



Astrodienst Ephemeris Tables for the year 1695

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 1695

geocentric

JANUARY 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	6 43 19	10°56'24	16°56' 6	21°D33	3°Z27	15°Z 0	26°R 3	7°Z18	15°R36	21°H47	2°R56	24°R56	24°Z 2	3°Z 3	12°R52	S 1
S 2	6 47 16	11°57'32	27°58	21°Z38	4°43	15°46	25°Z59	7°25	15°H34	21°48	2°Z55	24°Z54	23°59	3° 9	12°Z48	S 2
M 3	6 51 12	12°58'41	9°Z56	21°51	5°58	16°33	25°55	7°32	15°32	21°49	2°54	24°51	23°56	3°16	12°44	M 3
T 4	6 55 9	13°59'49	22° 0	22°12	7°14	17°19	25°51	7°39	15°29	21°51	2°52	24°48	23°53	3°22	12°39	T 4
W 5	6 59 6	15° 0'58	4°H15	22°40	8°29	18° 6	25°46	7°46	15°27	21°52	2°51	24°45	23°50	3°29	12°35	W 5
T 6	7 3 2	16° 2'06	23°14	23°14	9°45	18°52	25°42	7°53	15°25	21°53	2°50	24°42	23°46	3°36	12°31	T 6
F 7	7 6 59	17° 3'14	29°23	23°53	11° 0	19°39	25°37	8° 0	15°23	21°54	2°49	24°40	23°43	3°42	12°26	F 7
S 8	7 10 55	18° 4'22	12°Z22	24°38	12°16	20°26	25°32	8° 7	15°21	21°55	2°47	24°D39	23°40	3°49	12°22	S 8
S 9	7 14 52	19° 5'30	25°42	25°27	13°31	21°12	25°27	8°14	15°19	21°56	2°46	24°39	23°37	3°56	12°18	S 9
M10	7 18 48	20° 6'38	9°H25	26°20	14°46	21°59	25°22	8°21	15°17	21°58	2°45	24°40	23°34	4° 2	12°14	M10
T 11	7 22 45	21° 7'46	23°32	27°16	16° 2	22°46	25°16	8°28	15°15	21°59	2°43	24°41	23°31	4° 9	12° 9	T 11
W12	7 26 41	22° 8'54	8°Z 2	28°16	17°17	23°33	25°11	8°35	15°13	22° 0	2°42	24°43	23°27	4°16	12° 5	W12
T 13	7 30 38	23°10'01	22°53	29°19	18°33	24°20	25° 5	8°42	15°11	22° 2	2°41	24°R44	23°24	4°22	12° 1	T 13
F 14	7 34 35	24°11'08	7°Z57	0°Z24	19°48	25° 7	24°59	8°49	15° 9	22° 3	2°39	24°43	23°21	4°29	11°57	F 14
S 15	7 38 31	25°12'15	23° 8	1°32	21° 4	25°54	24°53	8°56	15° 8	22° 4	2°38	24°41	23°18	4°36	11°53	S 15
S 16	7 42 28	26°13'20	8°H14	2°42	22°19	26°40	24°47	9° 3	15° 6	22° 6	2°36	24°37	23°15	4°42	11°49	S 16
M17	7 46 24	27°14'25	23° 8	3°54	23°35	27°27	24°41	9°10	15° 4	22° 7	2°35	24°32	23°12	4°49	11°45	M17
T 18	7 50 21	28°15'29	7°H39	5° 8	24°50	28°14	24°34	9°16	15° 3	22° 9	2°34	24°27	23° 8	4°56	11°40	T 18
W19	7 54 17	29°16'32	21°45	6°23	26° 5	29° 1	24°28	9°23	15° 1	22°10	2°32	24°22	23° 5	5° 2	11°36	W19
T 20	7 58 14	0°17'34	5°Y21	7°40	27°21	29°48	24°21	9°30	14°59	22°12	2°31	24°18	23° 2	5° 9	11°32	T 20
F 21	8 2 11	1°18'35	18°29	8°58	28°36	0°Z35	24°15	9°37	14°58	22°14	2°30	24°16	22°59	5°15	11°29	F 21
S 22	8 6 7	2°19'35	1°Z12	10°17	29°51	1°23	24° 8	9°43	14°56	22°15	2°28	24°D15	22°56	5°22	11°25	S 22
S 23	8 10 4	3°20'34	13°34	11°38	1°Z 7	2°10	24° 1	9°50	14°55	22°17	2°27	24°15	22°52	5°29	11°21	S 23
M24	8 14 0	4°21'31	25°40	13° 0	2°22	2°57	23°54	9°57	14°53	22°18	2°26	24°17	22°49	5°35	11°17	M24
T 25	8 17 57	5°22'28	7°H34	14°23	3°38	3°44	23°47	10° 3	14°52	22°20	2°24	24°18	22°46	5°42	11°13	T 25
W26	8 21 53	6°23'23	19°22	15°47	4°53	4°31	23°39	10°10	14°51	22°22	2°23	24°R19	22°43	5°49	11° 9	W26
T 27	8 25 50	7°24'16	1°Z 8	17°11	6° 8	5°18	23°32	10°17	14°49	22°23	2°21	24°19	22°40	5°55	11° 6	T 27
F 28	8 29 46	8°25'09	12°56	18°37	7°23	6° 5	23°25	10°23	14°48	22°25	2°20	24°17	22°37	6° 2	11° 2	F 28
S 29	8 33 43	9°26'00	24°49	20° 4	8°39	6°52	23°17	10°30	14°47	22°27	2°19	24°13	22°33	6° 9	10°59	S 29
S 30	8 37 40	10°26'51	6°Z49	21°32	9°54	7°40	23°10	10°36	14°46	22°29	2°17	24° 7	22°30	6°15	10°55	S 30
M31	8 41 36	11°27'40	18°Z57	23°Z 0	11°Z 9	8°Z27	23°Z 2	10°Z43	14°H45	22°H31	2°Z16	23°Z59	22°Z27	6°Z22	10°Z52	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	lat
S 1	23s 2	20n37	1s55	20s13	3n 0	23s40	0s14	23s35	0s57	13n48	1n 1	22s43	0n33	22n46	0n 4	4s25	1s16	24n26	5n 2	23s23	23s21	22n38	15n23	7s31									
S 2	22 56	17 47	2 53	20 19	2 54	23 40	0 17	23 30	0 58	13 50	1 1	22 43	0 33	22 45	0 4	4 25	1 16	24 26	5 2	23 23	23 20	22 37	15 23	7 31									
M 3	22 51	14 12	3 44	20 27	2 47	23 40	0 19	23 25	0 58	13 52	1 1	22 43	0 33	22 45	0 4	4 24	1 16	24 27	5 2	23 23	23 20	22 36	15 23	7 31									
T 4	22 45	10 0	4 25	20 36	2 39	23 38	0 21	23 19	0 58	13 53	1 1	22 42	0 33	22 45	0 4	4 24	1 16	24 27	5 3	23 23	23 20	22 35	15 24	7 31									
W 5	22 38	5 23	4 56	20 45	2 31	23 36	0 24	23 13	0 58	13 55	1 2	22 42	0 33	22 45	0 4	4 23	1 16	24 27	5 3	23 22	23 20	22 34	15 24	7 31									
T 6	22 31	0 28	5 12	20 56	2 23	23 33	0 26	23 7	0 59	13 57	1 2	22 42	0 33	22 45	0 4	4 23	1 16	24 28	5 3	23 22	23 20	22 33	15 24	7 31									
F 7	22 23	4s33	5 14	21 7	2 14	23 29	0 28	23 1	0 59	13 59	1 2	22 41	0 33	22 44	0 4	4 22	1 16	24 28	5 3	23 22	23 20	22 32	15 25	7 31									
S 8	22 15	9 30	5 0	21 18	2 5	23 25	0 30	22 54	0 59	14 0	1 2	22 41	0 33	22 44	0 4	4 22	1 15	24 29	5 3	23 22	23 20	22 31	15 25	7 31									
S 9	22 7	14 8	4 30	21 29	1 55	23 20	0 33	22 47	1 0	14 2	1 2	22 41	0 33	22 44	0 4	4 21	1 15	24 29	5 3	23 22	23 19	22 30	15 25	7 31									
M10	21 58	18 12	3 44	21 40	1 46	23 14	0 35	22 40	1 0	14 4	1 3	22 40	0 33	22 44	0 4	4 21	1 15	24 30	5 3	23 22	23 19	22 29	15 26	7 31									
T 11	21 49	21 19	2 43	21 51	1 36	23 8	0 37	22 32	1 0	14 6	1 3	22 40	0 33	22 44	0 4	4 20	1 15	24 30	5 3	23 22	23 19	22 28	15 26	7 31									
W12	21 39	23 10	1 31	22 1	1 27	23 0	0 39	22 25	1 0	14 8	1 3	22 39	0 33	22 43	0 4	4 20	1 15	24 30	5 3	23 22	23 19	22 27	15 27	7 31									
T 13	21 29	23 27	0 10	22 11	1 17	22 52	0 41	22 17	1 1	14 11	1 3	22 39	0 33	22 43	0 4	4 19	1 15	24 31	5 3	23 22	23 19	22 26	15 27	7 31									
F 14	21 19	22 2	1n12	22 21	1 8	22 44	0 43	22 9	1 1	14 13	1 4	22 39	0 33	22 43	0 4	4 19	1 15	24 31	5 4	23 22	23 19	22 24	15 28	7 31									
S 15	21 8	19 2	2 30	22 30	0 59	22 34	0 45	22 0	1 1	14 15	1 4	22 38	0 32	22 43	0 4	4 18	1 15	24 32	5 4	23 22	23 19	22 23	15 28	7 30									
S 16	20 56	14 45	3 36	22 38	0 49	22 24	0 47	21 51	1 1	14 17	1 4	22 38	0 32	22 43	0 4	4 17	1 15	24 32	5 4	23 22	23 18	22 22	15 29	7 30									
M17	20 45	9 37	4 27	22 45	0 40	22 14	0 49	21 42	1 1	14 20	1 4	22 37	0 32	22 42	0 4	4 17	1 15	24 32	5 4	23 22	23 18	22 21	15 29	7 30									
T 18	20 33	4 5	4 59	22 52	0 31	22 2	0 51	21 33	1 2	14 22	1 4	22 37	0 32	22 42	0 4	4 16	1 15	24 33	5 4	23 22	23 18	22 20	15 29	7 30									
W19	20 20	1n30	5 12	22 57	0 22	21 50	0 53	21 24	1 2	14 24	1 5	22 37	0 32	22 42	0 4	4 16	1 15	24 33	5 4	23 22	23 18	22 19	15 30	7 30									
T 20	20 7	6 49	5 7	23 2	0 14	21 38	0 55	21 14	1 2	14 27	1 5	22 36	0 32	22 42	0 4	4 15	1 15	24 34	5 4	23 21	23 18	22 18	15 30	7 30									
F 21	19 54	11 39	4 45	23 5	0 5	21 24	0 57	21 4	1 2	14 29	1 5	22 36	0 32	22 42	0 4	4 14	1 15	24 34	5 4	23 21	23 18	22 17	15 31	7 30									
S 22	19 40	15 49	4 10	23 8	0s 3	21 10	0 59	20 54	1 2	14 32	1 5	22 35	0 32	22 41	0 4	4 14	1 15	24 34	5 4	23 21	23 17	22 16	15 32	7 29									
S 23	19 26	19 11	3 24	23 9	0 11	20 55	1 0	20 44	1 3	14 34	1 5	22 35	0 32	22 41	0 4	4 13	1 15	24 35	5 4	23 21	23 17	22 14	15 32	7 29									
M24	19 12	21 38	2 30	23 10	0 19	20 40	1 2	20 33	1 3	14 37	1 6	22 34	0 32	22 41	0 4	4 12	1 15	24 35	5 4	23 21	23 17	22 13	15 33	7 29									
T 25	18 57	23 5	1 30	23 9	0 27	20 24	1 4	20 22	1 3	14 39	1 6	22 34	0 32	22 41	0 4	4 12	1 15	24 36	5 4	23 21	23 17	22 12	15 33	7 29									
W26	18 42	23 30	0 27	23 7	0 34	20 8	1 5	20 11	1 3	14 42	1 6	22 33	0 32	22 41	0 4	4 11	1 15	24 36	5 5	23 21	23 17	22 11	15 34	7 28									
T 27	18 27	22 51	0s37	23 3	0 41	19 51	1 7	20 0	1 3	14 44	1 6	22 33	0 32	22 41	0 4	4 10	1 15	24 36	5 5	23 21	23 16	22 10	15 34	7 28									
F 28	18 11	21 12	1 39	22 59	0 48	19 33	1 8	19 48	1 4	14 47	1 6	22 33	0 32	22 41	0 4	4 10	1 15	24 37	5 5	23 21	23 16	22 9	15 35	7 28									
S 29	17 55	18 37	2 38	22 53	0 55	19 15	1 10	19 37	1 4	14 49	1 6	22 32	0 32	22 40	0 4	4 9	1 15	24 37	5 5	23 21	23 16	22 8	15 35	7 28									
S 30	17 39	15 13	3 29	22 46	1 2	18 56	1 11	19 25	1 4	14 52	1 7	22 32	0 32	22 40	0 4	4 8	1 15	24 38	5 5	23 21	23 16	22 6	15 36	7 27									
M31	17s22	11n10	4s12	22s38	1s 8	18s37	1s12	19s13	1s 4	14n55	1n 7	22s31	0n32	22n40	0n 4	4s 7	1s15	24n38	5n 5	23s20	23s16	22n 5	15n37	7s27									

ASTRODIENST EPHEMERIS for the year 1695

geocentric

FEBRUARY 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 45 33	12 ²⁸ 28'27	1 ¹⁰ 16	24 ³⁰ 29	12 ²⁸ 25	9 ²⁸ 14	22°R54	10 ³⁰ 49	14°R44	22 ³⁰ 32	2°R15	23°R49	22 ³⁰ 24	6 ²⁸ 29	10°R48	T 1
W 2	8 49 29	13°29'14	13°44	26° 0	13°40	10° 1	22 ³⁰ 47	10°55	14 ³⁰ 43	22°34	2 ³⁰ 13	23 ³⁰ 40	22°21	6°35	10 ³⁰ 45	W 2
T 3	8 53 26	14°29'59	26°25	27°31	14°55	10°49	22°39	11° 2	14°42	22°36	2°12	23°31	22°17	6°42	10°42	T 3
F 4	8 57 22	15°30'44	9 ²⁸ 17	29° 3	16°10	11°36	22°31	11° 8	14°41	22°38	2°11	23°23	22°14	6°49	10°38	F 4
S 5	9 1 19	16°31'27	22°23	0 ²⁸ 35	17°26	12°23	22°23	11°14	14°40	22°40	2° 9	23°18	22°11	6°55	10°35	S 5
S 6	9 5 15	17°32'09	5 ³⁰ 43	2° 9	18°41	13°10	22°15	11°20	14°39	22°42	2° 8	23°16	22° 8	7° 2	10°32	S 6
M 7	9 9 12	18°32'51	19°19	3°43	19°56	13°58	22° 7	11°26	14°38	22°44	2° 7	23°D15	22° 5	7° 8	10°29	M 7
T 8	9 13 9	19°33'31	3 ³⁰ 13	5°18	21°11	14°45	21°59	11°33	14°38	22°46	2° 5	23°15	22° 2	7°15	10°26	T 8
W 9	9 17 5	20°34'10	17°24	6°54	22°26	15°32	21°52	11°39	14°37	22°48	2° 4	23°R16	21°58	7°22	10°23	W 9
T 10	9 21 2	21°34'48	1 ³⁰ 53	8°31	23°42	16°20	21°44	11°45	14°36	22°50	2° 3	23°16	21°55	7°28	10°20	T 10
F 11	9 24 58	22°35'25	16°35	10° 9	24°57	17° 7	21°36	11°51	14°36	22°52	2° 1	23°14	21°52	7°35	10°18	F 11
S 12	9 28 55	23°36'00	1 ²⁸ 26	11°47	26°12	17°54	21°28	11°56	14°35	22°54	2° 0	23° 9	21°49	7°42	10°15	S 12
S 13	9 32 51	24°36'34	16°18	13°27	27°27	18°42	21°20	12° 2	14°35	22°56	1°59	23° 2	21°46	7°48	10°12	S 13
M14	9 36 48	25°37'07	1 ³⁰ 3	15° 7	28°42	19°29	21°12	12° 8	14°35	22°58	1°58	22°52	21°43	7°55	10°10	M14
T 15	9 40 44	26°37'37	15°33	16°48	29°57	20°17	21° 4	12°14	14°34	23° 0	1°56	22°42	21°39	8° 2	10° 8	T 15
W16	9 44 41	27°38'06	29°40	18°31	1 ³⁰ 12	21° 4	20°56	12°20	14°34	23° 2	1°55	22°31	21°36	8° 8	10° 5	W16
T 17	9 48 38	28°38'34	13 ³⁰ Y21	20°14	2°28	21°51	20°48	12°25	14°34	23° 4	1°54	22°22	21°33	8°15	10° 3	T 17
F 18	9 52 34	29°38'59	26°35	21°58	3°43	22°39	20°41	12°31	14°34	23° 6	1°53	22°15	21°30	8°22	10° 1	F 18
S 19	9 56 31	0 ³⁰ 39'23	9 ³⁰ 23	23°43	4°58	23°26	20°33	12°36	14°33	23° 8	1°52	22°11	21°27	8°28	9°59	S 19
S 20	10 0 27	1°39'44	21°48	25°29	6°13	24°13	20°25	12°42	14°33	23°11	1°50	22° 8	21°23	8°35	9°57	S 20
M21	10 4 24	2°40'04	3 ³⁰ 56	27°16	7°28	25° 1	20°18	12°47	14°D33	23°13	1°49	22°D 8	21°20	8°42	9°55	M21
T 22	10 8 20	3°40'21	15°51	29° 4	8°43	25°48	20°10	12°52	14°33	23°15	1°48	22°R 8	21°17	8°48	9°53	T 22
W23	10 12 17	4°40'37	27°39	0 ³⁰ 53	9°58	26°35	20° 2	12°58	14°34	23°17	1°47	22° 8	21°14	8°55	9°51	W23
T 24	10 16 13	5°40'51	9 ³⁰ 26	2°43	11°13	27°23	19°55	13° 3	14°34	23°19	1°46	22° 7	21°11	9° 2	9°50	T 24
F 25	10 20 10	6°41'02	21°16	4°34	12°28	28°10	19°48	13° 8	14°34	23°21	1°45	22° 3	21° 8	9° 8	9°48	F 25
S 26	10 24 7	7°41'12	3 ³⁰ 13	6°26	13°42	28°57	19°40	13°13	14°34	23°24	1°44	21°57	21° 4	9°15	9°47	S 26
S 27	10 28 3	8°41'19	15°21	8°19	14°57	29°45	19°33	13°18	14°34	23°26	1°43	21°48	21° 1	9°22	9°45	S 27
M28	10 32 0	9 ³⁰ 41'25	27 ³⁰ 42	10 ³⁰ 13	16 ³⁰ 12	0 ³⁰ 32	19 ³⁰ 26	13 ³⁰ 23	14 ³⁰ 35	23 ³⁰ 28	1 ³⁰ 42	21 ³⁰ 36	20 ³⁰ 58	9 ³⁰ 28	9 ³⁰ 44	M28

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s 5	6n37	4s44	22s28	1s14	18s17	1s14	19s 0	1s 4	14n57	1n 7	22s31	0n32	22n40	0n 4	4s 7	1s15	24n38	5n 5	23s20	23s16	22n 4	15n37	7s27	
W 2	16 48	1 45	5 2	22 17	1 19	17 57	1 15	18 48	1 4	15 0	1 7	22 30	0 32	22 40	0 4	4 6	1 15	24 39	5 5	23 20	23 15	22 3	15 38	7 26	
T 3	16 31	3s15	5 6	22 5	1 25	17 36	1 16	18 35	1 4	15 3	1 7	22 30	0 32	22 40	0 4	4 5	1 15	24 39	5 5	23 19	23 15	22 2	15 38	7 26	
F 4	16 13	8 12	4 55	21 51	1 30	17 14	1 17	18 22	1 4	15 5	1 7	22 29	0 31	22 40	0 4	4 4	1 15	24 39	5 5	23 19	23 15	22 0	15 39	7 26	
S 5	15 55	12 52	4 29	21 36	1 35	16 53	1 18	18 9	1 4	15 8	1 7	22 29	0 31	22 40	0 4	4 4	1 15	24 40	5 5	23 19	23 15	21 59	15 40	7 25	
S 6	15 36	17 1	3 47	21 20	1 39	16 30	1 19	17 55	1 5	15 11	1 7	22 28	0 31	22 40	0 4	4 3	1 15	24 40	5 5	23 18	23 15	21 58	15 40	7 25	
M 7	15 18	20 20	2 52	21 2	1 44	16 8	1 20	17 42	1 5	15 13	1 8	22 28	0 31	22 40	0 4	4 2	1 15	24 40	5 5	23 18	23 14	21 57	15 41	7 24	
T 8	14 59	22 34	1 46	20 43	1 47	15 44	1 21	17 28	1 5	15 16	1 8	22 27	0 31	22 40	0 4	4 1	1 15	24 41	5 5	23 18	23 14	21 56	15 41	7 24	
W 9	14 39	23 24	0 31	20 22	1 51	15 21	1 22	17 14	1 5	15 19	1 8	22 27	0 31	22 39	0 4	4 0	1 15	24 41	5 5	23 18	23 14	21 54	15 42	7 24	
T 10	14 20	22 42	0n46	20 0	1 54	14 57	1 22	17 0	1 5	15 21	1 8	22 26	0 31	22 39	0 4	4 0	1 15	24 41	5 5	23 18	23 14	21 53	15 43	7 23	
F 11	14 0	20 26	2 1	19 37	1 57	14 32	1 23	16 46	1 5	15 24	1 8	22 26	0 31	22 39	0 4	3 59	1 15	24 42	5 5	23 18	23 14	21 52	15 43	7 23	
S 12	13 41	16 48	3 9	19 12	2 0	14 7	1 24	16 31	1 5	15 27	1 8	22 25	0 31	22 39	0 4	3 58	1 15	24 42	5 5	23 18	23 14	21 51	15 44	7 22	
S 13	13 20	12 5	4 4	18 45	2 2	13 42	1 24	16 17	1 5	15 29	1 8	22 25	0 31	22 39	0 4	3 57	1 15	24 42	5 5	23 18	23 13	21 49	15 45	7 22	
M14	13 0	6 43	4 42	18 18	2 3	13 16	1 25	16 2	1 5	15 32	1 8	22 24	0 31	22 39	0 4	3 56	1 15	24 43	5 5	23 17	23 13	21 48	15 45	7 21	
T 15	12 40	1 5	5 1	17 48	2 5	12 50	1 25	15 47	1 5	15 35	1 8	22 24	0 31	22 39	0 4	3 56	1 15	24 43	5 5	23 17	23 13	21 47	15 46	7 21	
W16	12 19	4n28	5 1	17 18	2 6	12 24	1 26	15 32	1 5	15 37	1 8	22 24	0 31	22 39	0 4	3 55	1 15	24 43	5 5	23 16	23 13	21 46	15 47	7 20	
T 17	11 58	9 38	4 44	16 46	2 6	11 57	1 26	15 16	1 5	15 40	1 8	22 23	0 31	22 39	0 4	3 54	1 15	24 43	5 5	23 16	23 13	21 45	15 47	7 20	
F 18	11 37	14 10	4 11	16 12	2 7	11 30	1 26	15 1	1 5	15 42	1 9	22 23	0 31	22 39	0 4	3 53	1 15	24 44	5 5	23 15	23 12	21 43	15 48	7 19	
S 19	11 16	17 55	3 27	15 37	2 6	11 3	1 26	14 45	1 5	15 45	1 9	22 22	0 31	22 39	0 4	3 52	1 15	24 44	5 5	23 15	23 12	21 42	15 48	7 19	
S 20	10 54	20 44	2 34	15 1	2 6	10 35	1 27	14 30	1 5	15 47	1 9	22 22	0 31	22 39	0 4	3 51	1 15	24 44	5 5	23 15	23 12	21 41	15 49	7 18	
M21	10 32	22 32	1 35	14 23	2 4	10 7	1 27	14 14	1 5	15 50	1 9	22 21	0 31	22 39	0 4	3 50	1 15	24 45	5 5	23 15	23 12	21 39	15 50	7 18	
T 22	10 11	23 17	0 33	13 44	2 3	9 39	1 27	13 58	1 5	15 52	1 9	22 21	0 31	22 39	0 4	3 50	1 15	24 45	5 5	23 15	23 11	21 38	15 50	7 17	
W23	9 49	22 58	0s29	13 3	2 1	9 11	1 27	13 41	1 5	15 55	1 9	22 20	0 31	22 39	0 4	3 49	1 15	24 45	5 5	23 15	23 11	21 37	15 51	7 17	
T 24	9 27	21 38	1 31	12 21	1 58	8 42	1 26	13 25	1 5	15 57	1 9	22 20	0 31	22 39	0 4	3 48	1 15	24 45	5 5	23 15	23 11	21 36	15 52	7 16	
F 25	9 4	19 21	2 28	11 38	1 55	8 13	1 26	13 9	1 5	15 59	1 9	22 19	0 31	22 39	0 4	3 47	1 15	24 46	5 5	23 14	23 11	21 34	15 52	7 16	
S 26	8 42	16 14	3 20	10 53	1 51	7 44	1 26	12 52	1 5	16 2	1 9	22 19	0 31	22 39	0 4	3 46	1 15	24 46	5 5	23 14	23 11	21 33	15 53	7 15	
S 27	8 20	12 23	4 3	10 7	1 47	7 15	1 26	12 36	1 5	16 4	1 9	22 18	0 31	22 39	0 4	3 45	1 15	24 46	5 5	23 13	23 10	21 32	15 54	7 15	
M28	7s57	7n59	4s35	9s20	1s42	6s46	1s25	12s19	1s 5	16n 6	1n 9	22s18	0n31	22n39	0n 4	3s44	1s15	24n46	5n 5	23s13	23s10	21n30	15n54	7s14	

Julian Day Number = 2340177.5, Delta T = 16.16 sec

ASTRODIENST EPHEMERIS for the year 1695

geocentric

MARCH 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 56	10 ^h 41'29"	10 ^h 16'16"	12 ^h 8'8"	17 ^h 17'27"	1 ^h 19'19"	19 ^h 19'19"	13 ^h 32'28"	14 ^h 11'35"	23 ^h 31'30"	1 ^h 41'41"	21 ^h 42'23"	20 ^h 47'55"	9 ^h 53'35"	9 ^h 49'43"	T 1
W 2	10 39 53	11 ^h 41'30"	23° 4'	14° 3'	18°42'	2° 7'	19 ^h 12'12"	13°33'	14°36'	23°32'	1 ^h 40'40"	21 ^h 41'9"	20°52'	9°41'	9 ^h 52'42"	W 2
T 3	10 43 49	12 ^h 41'30"	6 ^h 5'5"	15°59'	19°57'	2°54'	19° 6'	13°37'	14°36'	23°35'	1°39'	20°57'	20°49'	9°48'	9°41'	T 3
F 4	10 47 46	13 ^h 41'28"	19°17'	17°56'	21°11'	3°41'	18°59'	13°42'	14°37'	23°37'	1°38'	20°46'	20°45'	9°55'	9°40'	F 4
S 5	10 51 42	14 ^h 41'25"	2 ^h 11'41"	19°53'	22°26'	4°28'	18°52'	13°47'	14°37'	23°39'	1°37'	20°38'	20°42'	10° 1'	9°39'	S 5
S 6	10 55 39	15°41'20"	16°14'	21°51'	23°41'	5°16'	18°46'	13°51'	14°38'	23°41'	1°36'	20°33'	20°39'	10° 8'	9°38'	S 6
M 7	10 59 35	16°41'13"	29°57'	23°49'	24°56'	6° 3'	18°40'	13°56'	14°39'	23°44'	1°35'	20°30'	20°36'	10°15'	9°38'	M 7
T 8	11 3 32	17°41'04"	13 ^h 41'49"	25°47'	26°10'	6°50'	18°34'	14° 0'	14°40'	23°46'	1°34'	20°30'	20°33'	10°21'	9°37'	T 8
W 9	11 7 29	18°40'54"	27°51'	27°44'	27°25'	7°37'	18°28'	14° 4'	14°41'	23°48'	1°33'	20°30'	20°29'	10°28'	9°37'	W 9
T 10	11 11 25	19°40'42"	12 ^h 3'3"	29°41'	28°40'	8°25'	18°22'	14° 8'	14°41'	23°51'	1°32'	20°29'	20°26'	10°35'	9°36'	T 10
F 11	11 15 22	20°40'29"	26°23'	1 ^h 37'37"	29°55'	9°12'	18°16'	14°13'	14°42'	23°53'	1°31'	20°26'	20°23'	10°41'	9°36'	F 11
S 12	11 19 18	21°40'13"	10 ^h 41'49"	3°32'	1 ^h 37'9"	9°59'	18°10'	14°17'	14°43'	23°55'	1°31'	20°20'	20°20'	10°48'	9°36'	S 12
S 13	11 23 15	22°39'56"	25°15'	5°25'	2°24'	10°46'	18° 5'	14°21'	14°44'	23°57'	1°30'	20°12'	20°17'	10°55'	9°D36'	S 13
M14	11 27 11	23°39'37"	9 ^h 37'7"	7°16'	3°38'	11°33'	17°59'	14°24'	14°46'	24° 0'	1°29'	20° 1'	20°14'	11° 1'	9°36'	M14
T 15	11 31 8	24°39'16"	23°47'	9° 4'	4°53'	12°20'	17°54'	14°28'	14°47'	24° 2'	1°28'	19°48'	20°10'	11° 8'	9°36'	T 15
W16	11 35 4	25°38'53"	7 ^h 41'41"	10°50'	6° 8'	13° 8'	17°49'	14°32'	14°48'	24° 4'	1°27'	19°36'	20° 7'	11°15'	9°36'	W16
T 17	11 39 1	26°38'28"	21°14'	12°32'	7°22'	13°55'	17°44'	14°36'	14°49'	24° 6'	1°27'	19°25'	20° 4'	11°21'	9°37'	T 17
F 18	11 42 58	27°38'01"	4 ^h 8'25"	14°10'	8°37'	14°42'	17°40'	14°39'	14°50'	24° 9'	1°26'	19°16'	20° 1'	11°28'	9°37'	F 18
S 19	11 46 54	28°37'31"	17°12'	15°45'	9°51'	15°29'	17°35'	14°43'	14°52'	24°11'	1°25'	19°10'	19°58'	11°35'	9°38'	S 19
S 20	11 50 51	29°37'00"	29°38'	17°14'	11° 5'	16°16'	17°31'	14°46'	14°53'	24°13'	1°25'	19° 6'	19°54'	11°41'	9°38'	S 20
M21	11 54 47	0 ^h 36'26"	11 ^h 41'48"	18°38'	12°20'	17° 3'	17°27'	14°49'	14°55'	24°16'	1°24'	19° 5'	19°51'	11°48'	9°39'	M21
T 22	11 58 44	1°35'50"	23°45'	19°57'	13°34'	17°50'	17°23'	14°53'	14°56'	24°18'	1°24'	19°D 5'	19°48'	11°55'	9°40'	T 22
W23	12 2 40	2°35'11"	5 ^h 53'4"	21°10'	14°49'	18°37'	17°19'	14°56'	14°58'	24°20'	1°23'	19°R 5'	19°45'	12° 1'	9°41'	W23
T 24	12 6 37	3°34'30"	17°23'	22°17'	16° 3'	19°24'	17°15'	14°59'	14°59'	24°22'	1°23'	19° 4'	19°42'	12° 8'	9°42'	T 24
F 25	12 10 33	4°33'47"	29°15'	23°17'	17°17'	20°11'	17°12'	15° 2'	15° 1'	24°25'	1°22'	19° 1'	19°39'	12°15'	9°43'	F 25
S 26	12 14 30	5°33'01"	11 ^h 41'16"	24°11'	18°32'	20°57'	17° 8'	15° 5'	15° 3'	24°27'	1°22'	18°56'	19°35'	12°21'	9°44'	S 26
S 27	12 18 27	6°32'14"	23°30'	24°58'	19°46'	21°44'	17° 5'	15° 7'	15° 4'	24°29'	1°21'	18°48'	19°32'	12°28'	9°45'	S 27
M28	12 22 23	7°31'23"	6 ^h 11'0"	25°38'	21° 0'	22°31'	17° 2'	15°10'	15° 6'	24°31'	1°21'	18°38'	19°29'	12°34'	9°47'	M28
T 29	12 26 20	8°30'31"	18°47'	26°11'	22°14'	23°18'	16°59'	15°13'	15° 8'	24°33'	1°20'	18°27'	19°26'	12°41'	9°48'	T 29
W30	12 30 16	9°29'37"	1 ^h 53'3"	26°37'	23°28'	24° 5'	16°57'	15°15'	15°10'	24°36'	1°20'	18°15'	19°23'	12°48'	9°50'	W30
T 31	12 34 13	10 ^h 28'40"	15 ^h 41'15"	26 ^h 55'55"	24 ^h 43'43"	24 ^h 51'51"	16 ^h 52'44"	15 ^h 31'18"	15 ^h 11'12"	24 ^h 38'38"	1 ^h 19'19"	18 ^h 41'41"	19 ^h 20'20"	12 ^h 54'54"	9 ^h 51'51"	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s34	3n11	4s55	8s31	1s37	6s16	1s25	12s 2	1s 5	16n 8	1n 9	22s17	0n31	22n39	0n 4	3s43
W 2	7 11	1s50	5 0	7 41	1 31	5 46	1 24	11 45	1 5	16 11	1 9	22 17	0 31	22 39	0 4	3 43
T 3	6 48	6 51	4 50	6 50	1 25	5 16	1 24	11 28	1 5	16 13	1 9	22 17	0 30	22 39	0 4	3 42
F 4	6 25	11 38	4 25	5 58	1 18	4 46	1 23	11 10	1 5	16 15	1 9	22 16	0 30	22 40	0 4	3 41
S 5	6 2	15 56	3 44	5 5	1 10	4 16	1 22	10 53	1 4	16 17	1 9	22 16	0 30	22 40	0 4	3 40
S 6	5 39	19 26	2 51	4 11	1 2	3 46	1 21	10 36	1 4	16 19	1 9	22 15	0 30	22 40	0 4	3 39
M 7	5 16	21 54	1 46	3 16	0 53	3 15	1 21	10 18	1 4	16 21	1 9	22 15	0 30	22 40	0 4	3 38
T 8	4 52	23 5	0 35	2 21	0 44	2 45	1 20	10 0	1 4	16 23	1 9	22 14	0 30	22 40	0 4	3 37
W 9	4 29	22 49	0n39	1 25	0 34	2 14	1 19	9 43	1 4	16 25	1 9	22 14	0 30	22 40	0 4	3 36
T 10	4 6	21 5	1 51	0 29	0 23	1 43	1 18	9 25	1 4	16 26	1 9	22 14	0 30	22 40	0 4	3 35
F 11	3 42	18 0	2 57	0n27	0 12	1 12	1 17	9 7	1 4	16 28	1 9	22 13	0 30	22 40	0 4	3 35
S 12	3 19	13 49	3 53	1 23	0 1	0 42	1 16	8 49	1 3	16 30	1 9	22 13	0 30	22 40	0 4	3 34
S 13	2 55	8 50	4 33	2 19	0n11	0 11	1 14	8 31	1 3	16 31	1 9	22 12	0 30	22 40	0 4	3 33
M14	2 31	3 25	4 56	3 14	0 23	0n20	1 13	8 13	1 3	16 33	1 9	22 12	0 30	22 41	0 4	3 32
T 15	2 8	2n 7	5 0	4 8	0 35	0 51	1 12	7 55	1 3	16 35	1 8	22 12	0 30	22 41	0 4	3 31
W16	1 44	7 26	4 46	5 1	0 47	1 22	1 10	7 36	1 3	16 36	1 8	22 11	0 30	22 41	0 4	3 30
T 17	1 20	12 15	4 16	5 53	1 0	1 52	1 9	7 18	1 3	16 38	1 8	22 11	0 30	22 41	0 4	3 29
F 18	0 57	16 21	3 33	6 43	1 13	2 23	1 7	7 0	1 2	16 39	1 8	22 10	0 30	22 41	0 4	3 28
S 19	0 33	19 33	2 40	7 31	1 25	2 54	1 6	6 41	1 2	16 40	1 8	22 10	0 30	22 41	0 4	3 27
S 20	0 9	21 45	1 41	8 16	1 37	3 25	1 4	6 23	1 2	16 42	1 8	22 10	0 30	22 42	0 4	3 26
M21	0n15	22 53	0 39	9 0	1 49	3 55	1 3	6 4	1 2	16 43	1 8	22 9	0 30	22 42	0 4	3 25
T 22	0 38	22 55	0s25	9 41	2 1	4 26	1 1	5 46	1 2	16 44	1 8	22 9	0 30	22 42	0 4	3 25
W23	1 2	21 55	1 26	10 18	2 12	4 56	0 59	5 27	1 1	16 45	1 8	22 9	0 30	22 42	0 4	3 24
T 24	1 25	19 58	2 24	10 53	2 22	5 26	0 57	5 9	1 1	16 46	1 8	22 8	0 30	22 42	0 4	3 23
F 25	1 49	17 8	3 16	11 25	2 32	5 57	0 56	4 50	1 1	16 47	1 8	22 8	0 30	22 42	0 4	3 22
S 26	2 12	13 35	4 0	11 53	2 41	6 27	0 54	4 31	1 1	16 48	1 8	22 8	0 30	22 43	0 4	3 21
S 27	2 36	9 24	4 34	12 18	2 50	6 57	0 52	4 12	1 0	16 49	1 8	22 8	0 30	22 43	0 4	3 20
M28	2 59	4 45	4 55	12 40	2 57	7 26	0 50	3 54	1 0	16 50	1 8	22 7	0 30	22 43	0 4	3 19
T 29	3 23	0s11	5 2	12 58	3 3	7 56	0 48	3 35	1 0	16 50	1 7	22 7	0 30	22 43	0 4	3 19
W30	3 46	5 14	4 54	13 12	3 8	8 25	0 46	3 16	1 0	16 51	1 7	22 7	0 30	22 43	0 4	3 18
T 31	4n 9	10s 9	4s29	13n22	3n11	8n55	0s44	2s57	0s59	16n52	1n 7	22s 7	0n30	22n44	0n 4	3s17

Julian Day Number = 2340205.5, Delta T = 16.13 sec
 Ecliptic obliquity = 23°28'43", Nutation = 0°00'18", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°29'06", Lahiri = 19°36'06"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1695

geocentric

APRIL 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 38 9	11°27'41	28°52'	27°7'	25°57'	25°38'	16°R52	15°20'	15°14'	24°40'	1°R19	17°R54	19°16'	13°51'	9°53'	F 1
S 2	12 42 6	12°26'41	12°40'	27°R12	27°11'	26°25'	16°50'	15°22'	15°16'	24°42'	1°19'	17°47'	19°13'	13°8'	9°55'	S 2
S 3	12 46 2	13°25'39	26°36'	27°10'	28°25'	27°11'	16°48'	15°24'	15°18'	24°44'	1°19'	17°43'	19°10'	13°14'	9°57'	S 3
M 4	12 49 59	14°24'34	10°38'	27°1'	29°39'	27°58'	16°46'	15°27'	15°20'	24°47'	1°18'	17°41'	19°7'	13°21'	9°59'	M 4
T 5	12 53 55	15°23'29	24°43'	26°46'	0°53'	28°45'	16°45'	15°28'	15°22'	24°49'	1°18'	17°D41	19°4'	13°28'	10°1'	T 5
W 6	12 57 52	16°22'21	8°35'	26°26'	2°7'	29°31'	16°44'	15°30'	15°24'	24°51'	1°18'	17°42'	19°0'	13°34'	10°3'	W 6
T 7	13 1 49	17°21'12	22°58'	26°0'	3°21'	0°18'	16°43'	15°32'	15°26'	24°53'	1°18'	17°R42	18°57'	13°41'	10°6'	T 7
F 8	13 5 45	18°20'01	7°55'	25°30'	4°35'	1°4'	16°42'	15°34'	15°29'	24°55'	1°18'	17°40'	18°54'	13°48'	10°8'	F 8
S 9	13 9 42	19°18'48	21°10'	24°55'	5°49'	1°51'	16°41'	15°35'	15°31'	24°57'	1°17'	17°37'	18°51'	13°54'	10°10'	S 9
S 10	13 13 38	20°17'33	5°12'	24°17'	7°3'	2°37'	16°40'	15°37'	15°33'	24°59'	1°17'	17°30'	18°48'	14°1'	10°13'	S 10
M11	13 17 35	21°16'17	19°6'	23°37'	8°16'	3°23'	16°40'	15°38'	15°36'	25°2'	1°17'	17°22'	18°45'	14°8'	10°16'	M11
T 12	13 21 31	22°14'59	2°55'	9°30'	4°10'	4°10'	16°D40	15°40'	15°38'	25°4'	1°17'	17°13'	18°41'	14°14'	10°18'	T 12
W13	13 25 28	23°13'39	16°20'	22°12'	10°44'	4°56'	16°40'	15°41'	15°40'	25°6'	1°D17	17°4'	18°38'	14°21'	10°21'	W13
T 14	13 29 24	24°12'17	29°34'	21°28'	11°58'	5°42'	16°40'	15°42'	15°43'	25°8'	1°17'	16°55'	18°35'	14°28'	10°24'	T 14
F 15	13 33 21	25°10'53	12°30'	20°46'	13°12'	6°29'	16°40'	15°43'	15°45'	25°10'	1°17'	16°49'	18°32'	14°34'	10°27'	F 15
S 16	13 37 18	26°9'27	25°8'	20°4'	14°25'	7°15'	16°41'	15°44'	15°48'	25°12'	1°17'	16°44'	18°29'	14°41'	10°30'	S 16
S 17	13 41 14	27°7'59	7°30'	19°25'	15°39'	8°1'	16°42'	15°44'	15°51'	25°14'	1°17'	16°42'	18°26'	14°48'	10°33'	S 17
M18	13 45 11	28°6'30	19°37'	18°49'	16°53'	8°47'	16°43'	15°45'	15°53'	25°16'	1°17'	16°D41	18°22'	14°54'	10°37'	M18
T 19	13 49 7	29°4'58	1°34'	18°16'	18°6'	9°33'	16°44'	15°46'	15°56'	25°18'	1°18'	16°42'	18°19'	15°1'	10°40'	T 19
W20	13 53 4	0°3'23	13°25'	17°46'	19°20'	10°19'	16°45'	15°46'	15°59'	25°20'	1°18'	16°43'	18°16'	15°8'	10°43'	W20
T 21	13 57 0	1°1'47	25°14'	17°21'	20°33'	11°5'	16°47'	15°47'	16°1'	25°22'	1°18'	16°45'	18°13'	15°14'	10°47'	T 21
F 22	14 0 57	2°0'09	7°9'	17°0'	21°47'	11°51'	16°48'	15°47'	16°4'	25°24'	1°18'	16°R45	18°10'	15°21'	10°50'	F 22
S 23	14 4 53	2°58'28	19°9'	16°43'	23°0'	12°37'	16°50'	15°47'	16°7'	25°26'	1°18'	16°43'	18°6'	15°28'	10°54'	S 23
S 24	14 8 50	3°56'46	1°25'	16°32'	24°14'	13°23'	16°52'	15°47'	16°10'	25°27'	1°19'	16°40'	18°3'	15°34'	10°58'	S 24
M25	14 12 47	4°55'01	13°59'	16°25'	25°27'	14°9'	16°54'	15°R47	16°13'	25°29'	1°19'	16°35'	18°0'	15°41'	11°1'	M25
T 26	14 16 43	5°53'14	26°53'	16°D23	26°40'	14°54'	16°57'	15°47'	16°15'	25°31'	1°19'	16°29'	17°57'	15°48'	11°5'	T 26
W27	14 20 40	6°51'25	10°9'	16°26'	27°54'	15°40'	16°59'	15°47'	16°18'	25°33'	1°20'	16°22'	17°54'	15°54'	11°9'	W27
T 28	14 24 36	7°49'35	23°47'	16°34'	29°7'	16°26'	17°2'	15°47'	16°21'	25°35'	1°20'	16°16'	17°51'	16°1'	11°13'	T 28
F 29	14 28 33	8°47'43	7°44'	16°46'	0°12'	17°11'	17°5'	15°46'	16°24'	25°37'	1°20'	16°11'	17°47'	16°8'	11°17'	F 29
S 30	14 32 29	9°45'49	21°56'	17°3'	1°13'	17°57'	17°8'	15°34'	16°12'	25°38'	1°21'	16°7'	17°44'	16°14'	11°21'	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	4n32	14s39	3s49	13n28	3n14	9n24	0s42	2s38	0s59	16n52	1n7	22s6	0n30	22n44	0n4	F 1
S 2	4 56	18 26	2 55	13 31	3 15	9 52	0 39	2 20	0 59	16 53	1 7	22 6	0 30	22 44	0 4	S 2
S 3	5 18	21 13	1 50	13 30	3 14	10 21	0 37	2 1	0 58	16 53	1 7	22 6	0 30	22 44	0 4	S 3
M 4	5 41	22 42	0 38	13 25	3 12	10 49	0 35	1 42	0 58	16 54	1 7	22 6	0 30	22 45	0 4	M 4
T 5	6 4	22 45	0n37	13 16	3 9	11 17	0 33	1 23	0 58	16 54	1 7	22 5	0 30	22 45	0 4	T 5
W 6	6 27	21 21	1 51	13 4	3 4	11 45	0 30	1 4	0 58	16 54	1 7	22 5	0 29	22 45	0 4	W 6
T 7	6 49	18 37	2 57	12 48	2 57	12 13	0 28	0 45	0 57	16 55	1 6	22 5	0 29	22 45	0 4	T 7
F 8	7 12	14 47	3 52	12 30	2 49	12 40	0 26	0 27	0 57	16 55	1 6	22 5	0 29	22 46	0 4	F 8
S 9	7 34	10 8	4 34	12 8	2 39	13 7	0 23	0 8	0 57	16 55	1 6	22 5	0 29	22 46	0 4	S 9
S 10	7 57	5 0	4 58	11 44	2 28	13 34	0 21	0n11	0 56	16 55	1 6	22 5	0 29	22 46	0 4	S 10
M 11	8 19	0n21	5 5	11 17	2 16	14 0	0 18	0 30	0 56	16 55	1 6	22 4	0 29	22 46	0 4	M 11
T 12	8 41	5 37	4 54	10 49	2 3	14 26	0 16	0 49	0 55	16 55	1 6	22 4	0 29	22 47	0 4	T 12
W 13	9 2	10 32	4 27	10 20	1 48	14 51	0 13	1 7	0 55	16 55	1 6	22 4	0 29	22 47	0 4	W 13
T 14	9 24	14 51	3 46	9 49	1 33	15 17	0 11	1 26	0 55	16 55	1 6	22 4	0 29	22 47	0 4	T 14
F 15	9 46	18 22	2 53	9 18	1 17	15 42	0 8	1 45	0 54	16 54	1 6	22 4	0 29	22 47	0 4	F 15
S 16	10 7	20 55	1 53	8 48	1 0	16 6	0 6	2 3	0 54	16 54	1 5	22 4	0 29	22 48	0 4	S 16
S 17	10 28	22 25	0 49	8 17	0 44	16 30	0 3	2 22	0 54	16 54	1 5	22 4	0 29	22 48	0 4	S 17
M 18	10 49	22 48	0s16	7 48	0 27	16 54	0 1	2 40	0 53	16 53	1 5	22 4	0 29	22 48	0 4	M 18
T 19	11 10	22 9	1 20	7 19	0 10	17 17	0n2	2 59	0 53	16 53	1 5	22 4	0 29	22 48	0 4	T 19
W 20	11 31	20 29	2 20	6 53	0s7	17 40	0 5	3 17	0 52	16 52	1 5	22 4	0 29	22 49	0 4	W 20
T 21	11 51	17 57	3 13	6 28	0 23	18 2	0 7	3 36	0 52	16 52	1 5	22 4	0 29	22 49	0 4	T 21
F 22	12 11	14 40	3 59	6 5	0 39	18 24	0 10	3 54	0 52	16 51	1 5	22 4	0 29	22 49	0 5	F 22
S 23	12 31	10 45	4 35	5 45	0 55	18 45	0 12	4 12	0 51	16 51	1 5	22 4	0 29	22 50	0 5	S 23
S 24	12 51	6 20	4 59	5 27	1 9	19 6	0 15	4 31	0 51	16 50	1 4	22 4	0 29	22 50	0 5	S 24
M 25	13 11	1 33	5 10	5 11	1 23	19 27	0 18	4 49	0 50	16 49	1 4	22 4	0 29	22 50	0 5	M 25
T 26	13 30	3s25	5 5	4 58	1 37	19 46	0 20	5 7	0 50	16 48	1 4	22 4	0 29	22 51	0 5	T 26
W 27	13 50	8 22	4 44	4 48	1 49	20 6	0 23	5 25	0 49	16 47	1 4	22 4	0 29	22 51	0 5	W 27
T 28	14 9	13 4	4 6	4 40	2 1	20 25	0 26	5 43	0 49	16 46	1 4	22 4	0 29	22 51	0 5	T 28
F 29	14 27	17 10	3 14	4 35	2 11	20 43	0 28	6 1	0 48	16 45	1 4	22 4	0 29	22 51	0 5	F 29
S 30	14n46	20s20	2s8	4n32	2s21	21n1	0n31	6n19	0s48	16n44	1n4	22s4	0n29	22n52	0n5	S 30

Julian Day Number = 2340236.5, Delta T = 16.09 sec
 Ecliptic obliquity = 23°28'43", Nutation = 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°29'10", Lahiri = 19°36'11"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1695

geocentric

MAY 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 36 26	10♌43'53	6♊19	17♊25	2♊47	18♊43	17♊11	15♊R45	16♊I30	25♊K40	1♊Q21	16♊R 5	17♊A41	16♊Q21	11♊Q26	S 1
M 2	14 40 22	11°41'56	20°46	17°51	4° 0	19°28	17°15	15♊Q45	16°33	25°42	1°22	16°D 5	17°38	16°28	11°30	M 2
T 3	14 44 19	12°39'58	5♌14	18°21	5°13	20°13	17°18	15°44	16°36	25°43	1°22	16♊R 6	17°35	16°34	11°34	T 3
W 4	14 48 16	13°37'58	19°38	18°55	6°26	20°59	17°22	15°43	16°40	25°45	1°23	16° 7	17°31	16°41	11°39	W 4
T 5	14 52 12	14°35'57	3♌55	19°33	7°39	21°44	17°26	15°42	16°43	25°47	1°23	16° 8	17°28	16°48	11°43	T 5
F 6	14 56 9	15°33'54	18° 2	20°15	8°52	22°30	17°30	15°41	16°46	25°48	1°24	16°R 9	17°25	16°54	11°48	F 6
S 7	15 0 5	16°31'50	1♌58	21° 1	10° 5	23°15	17°34	15°40	16°49	25°50	1°24	16° 8	17°22	17° 1	11°52	S 7
S 8	15 4 2	17°29'45	15°43	21°50	11°18	24° 0	17°39	15°39	16°52	25°52	1°25	16° 6	17°19	17° 8	11°57	S 8
M 9	15 7 58	18°27'39	29°15	22°42	12°31	24°45	17°43	15°38	16°55	25°53	1°26	16° 2	17°16	17°14	12° 2	M 9
T 10	15 11 55	19°25'31	12♊34	23°38	13°44	25°30	17°48	15°36	16°59	25°55	1°26	15°58	17°12	17°21	12° 7	T 10
W11	15 15 51	20°23'22	25°39	24°37	14°57	26°15	17°53	15°35	17° 2	25°56	1°27	15°54	17° 9	17°28	12°12	W11
T 12	15 19 48	21°21'12	8♌30	25°39	16°10	27° 0	17°58	15°33	17° 5	25°58	1°28	15°51	17° 6	17°34	12°16	T 12
F 13	15 23 45	22°19'00	21° 7	26°44	17°23	27°45	18° 3	15°31	17° 8	25°59	1°29	15°48	17° 3	17°41	12°21	F 13
S 14	15 27 41	23°16'47	3♊31	27°52	18°35	28°30	18° 9	15°30	17°12	26° 1	1°29	15°46	17° 0	17°48	12°27	S 14
S 15	15 31 38	24°14'33	15°43	29° 2	19°48	29°15	18°14	15°28	17°15	26° 2	1°30	15°D46	16°57	17°54	12°32	S 15
M16	15 35 34	25°12'17	27°44	0♌16	21° 1	29°59	18°20	15°26	17°19	26° 3	1°31	15°46	16°53	18° 1	12°37	M16
T 17	15 39 31	26° 9'59	9♌38	1°32	22°14	0♌45	18°26	15°24	17°22	26° 5	1°32	15°47	16°50	18° 8	12°42	T 17
W18	15 43 27	27° 7'41	21°28	2°50	23°26	1°29	18°32	15°22	17°25	26° 6	1°33	15°49	16°47	18°14	12°47	W18
T 19	15 47 24	28° 5'20	3♊04	4°11	24°39	2°14	18°38	15°19	17°29	26° 7	1°34	15°50	16°44	18°21	12°53	T 19
F 20	15 51 20	29° 2'58	15°10	5°35	25°51	2°59	18°44	15°17	17°32	26° 9	1°35	15°51	16°41	18°28	12°58	F 20
S 21	15 55 17	0♊03'55	27°12	7° 1	27° 4	3°43	18°50	15°15	17°36	26°10	1°35	15°R52	16°37	18°34	13° 4	S 21
S 22	15 59 14	0°58'10	9♊27	8°30	28°16	4°28	18°57	15°12	17°39	26°11	1°36	15°52	16°34	18°41	13° 9	S 22
M23	16 3 10	1°55'44	21°59	10° 1	29°29	5°12	19° 3	15°10	17°42	26°12	1°37	15°51	16°31	18°48	13°15	M23
T 24	16 7 7	2°53'16	4♌53	11°35	0♌41	5°56	19°10	15° 7	17°46	26°13	1°38	15°50	16°28	18°54	13°20	T 24
W25	16 11 3	3°50'47	18°11	13°11	1°53	6°41	19°17	15° 4	17°49	26°15	1°39	15°48	16°25	19° 1	13°26	W25
T 26	16 15 0	4°48'16	1♌55	14°49	3° 6	7°25	19°24	15° 2	17°53	26°16	1°40	15°47	16°22	19° 8	13°32	T 26
F 27	16 18 56	5°45'45	16° 2	16°30	4°18	8° 9	19°31	14°59	17°56	26°17	1°41	15°45	16°18	19°14	13°37	F 27
S 28	16 22 53	6°43'12	0♊30	18°13	5°30	8°53	19°39	14°56	18° 0	26°18	1°43	15°45	16°15	19°21	13°43	S 28
S 29	16 26 49	7°40'39	15°13	19°59	6°42	9°37	19°46	14°53	18° 3	26°19	1°44	15°D44	16°12	19°28	13°49	S 29
M30	16 30 46	8°38'04	0♌ 5	21°47	7°54	10°21	19°54	14°50	18° 7	26°20	1°45	15°45	16° 9	19°34	13°55	M30
T 31	16 34 43	9♊35'29	14♌58	23♊37	9♌ 6	11♌ 5	20♌ 1	14♌34	18♊10	26♊21	1♌46	15♊A45	16♊R 6	19♌41	14♌ 1	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	15n 4	22s16	0s53	4n32	2s30	21n18	0n33	6n37	0s47	16n43	1n 4	22s 4	0n29	22n52	0n 5	2s53
M 2	15 22	22 44	0n26	4 34	2 39	21 34	0 36	6 54	0 47	16 42	1 4	22 4	0 29	22 52	0 5	2 52
T 3	15 40	21 40	1 43	4 39	2 46	21 50	0 39	7 12	0 47	16 41	1 3	22 5	0 29	22 53	0 5	2 52
W 4	15 57	19 11	2 53	4 46	2 52	22 6	0 41	7 29	0 46	16 40	1 3	22 5	0 29	22 53	0 5	2 51
T 5	16 15	15 33	3 52	4 55	2 58	22 20	0 44	7 47	0 46	16 38	1 3	22 5	0 29	22 53	0 5	2 50
F 6	16 32	11 4	4 37	5 6	3 3	22 35	0 46	8 4	0 45	16 37	1 3	22 5	0 29	22 54	0 5	2 50
S 7	16 48	6 4	5 4	5 19	3 7	22 48	0 49	8 21	0 45	16 35	1 3	22 5	0 28	22 54	0 5	2 49
S 8	17 5	0 50	5 13	5 35	3 10	23 1	0 51	8 39	0 44	16 34	1 3	22 5	0 28	22 54	0 5	2 49
M 9	17 21	4n22	5 5	5 52	3 13	23 13	0 54	8 56	0 44	16 32	1 3	22 5	0 28	22 55	0 5	2 48
T 10	17 37	9 16	4 40	6 11	3 14	23 25	0 56	9 13	0 43	16 31	1 3	22 6	0 28	22 55	0 5	2 47
W11	17 52	13 40	4 1	6 31	3 15	23 36	0 58	9 29	0 42	16 29	1 2	22 6	0 28	22 55	0 5	2 47
T 12	18 8	17 22	3 11	6 54	3 16	23 46	1 1	9 46	0 42	16 28	1 2	22 6	0 28	22 56	0 5	2 46
F 13	18 23	20 11	2 12	7 17	3 15	23 56	1 3	10 3	0 41	16 26	1 2	22 6	0 28	22 56	0 5	2 46
S 14	18 37	21 59	1 7	7 43	3 14	24 4	1 5	10 19	0 41	16 24	1 2	22 7	0 28	22 56	0 5	2 45
S 15	18 52	22 43	0 0	8 9	3 12	24 13	1 8	10 36	0 40	16 22	1 2	22 7	0 28	22 57	0 5	2 45
M16	19 6	22 22	1s 6	8 37	3 10	24 20	1 10	10 52	0 40	16 20	1 2	22 7	0 28	22 57	0 5	2 44
T 17	19 20	21 01	2 8	9 6	3 7	24 27	1 12	11 8	0 39	16 19	1 2	22 7	0 28	22 57	0 5	2 44
W18	19 33	18 43	3 5	9 37	3 3	24 33	1 14	11 24	0 39	16 17	1 2	22 8	0 28	22 58	0 5	2 43
T 19	19 46	15 40	3 53	10 8	2 59	24 38	1 16	11 40	0 38	16 15	1 2	22 8	0 28	22 58	0 5	2 43
F 20	19 59	11 58	4 32	10 40	2 54	24 43	1 18	11 56	0 38	16 13	1 1	22 8	0 28	22 58	0 5	2 42
S 21	20 11	7 46	5 0	11 14	2 48	24 47	1 20	12 12	0 37	16 10	1 1	22 9	0 28	22 59	0 5	2 42
S 22	20 23	3 11	5 15	11 48	2 42	24 50	1 22	12 27	0 36	16 8	1 1	22 9	0 28	22 59	0 5	2 41
M23	20 35	1s38	5 15	12 23	2 36	24 53	1 24	12 43	0 36	16 6	1 1	22 9	0 28	22 59	0 5	2 41
T 24	20 46	6 31	4 59	12 58	2 29	24 55	1 26	12 58	0 35	16 4	1 1	22 10	0 28	23 0	0 5	2 41
W25	20 57	11 16	4 28	13 35	2 21	24 56	1 28	13 13	0 35	16 2	1 1	22 10	0 28	23 0	0 5	2 40
T 26	21 8	15 35	3 40	14 11	2 13	24 56	1 30	13 28	0 34	15 59	1 1	22 10	0 28	23 0	0 5	2 40
F 27	21 18	19 10	2 37	14 48	2 5	24 56	1 32	13 43	0 33	15 57	1 1	22 11	0 28	23 1	0 5	2 39
S 28	21 28	21 39	1 24	15 26	1 56	24 55	1 33	13 58	0 33	15 55	1 1	22 11	0 28	23 1	0 5	2 39
S 29	21 38	22 42	0 3	16 3	1 47	24 53	1 35	14 12	0 32	15 52	1 1	22 11	0 27	23 1	0 5	2 39
M30	21 47	22 10	1n19	16 41	1 37	24 51	1 36	14 27	0 32	15 50	1 0	22 12	0 27	23 2	0 5	2 38
T 31	21n56	20s 4	2n35	17n18	1s27	24n47	1n38	14n41	0s31	15n47	1n 0	22s12	0n27	23n 2	0n 5	2s38

Julian Day Number = 2340266.5, Delta T = 16.06 sec
 Ecliptic obliquity = 23°28'42", Nutation = 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°29'14", Lahiri = 19°36'15"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1695
geocentric

JUNE 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 38 39	10 ^{II} 32'52	29 ^{III} 44	25 ^{III} 30	10 ^{III} 19	11 ^{III} 49	20 ^{II} 9	14°R43	18 ^{II} 14	26 ^{II} 22	1 ^{II} 47	15 ^{II} 46	16 ^{II} 3	19 ^{III} 48	14 ^{III} 7	W 1
T 2	16 42 36	11°30'16	14 ^{III} 18	27°25	11°30	12°33	20°17	14 ^{III} 40	18°18	26°23	1°48	15°46	15°59	19°54	14°13	T 2
F 3	16 46 32	12°27'38	28°36	29°22	12°42	13°17	20°25	14°37	18°21	26°23	1°49	15°46	15°56	20°1	14°19	F 3
S 4	16 50 29	13°25'00	12 ^{III} 34	1 ^{II} 22	13°54	14°1	20°33	14°33	18°25	26°24	1°51	15°R46	15°53	20°8	14°25	S 4
S 5	16 54 25	14°22'21	26°13	3°23	15°6	14°44	20°42	14°30	18°28	26°25	1°52	15°46	15°50	20°14	14°31	S 5
M 6	16 58 22	15°19'42	9 ^{II} 32	5°27	16°18	15°28	20°50	14°26	18°32	26°26	1°53	15°D46	15°47	20°21	14°37	M 6
T 7	17 2 18	16°17'03	22°34	7°32	17°30	16°12	20°59	14°23	18°35	26°27	1°54	15°46	15°43	20°28	14°43	T 7
W 8	17 6 15	17°14'23	5 ^{II} 20	9°39	18°41	16°55	21°7	14°19	18°39	26°27	1°56	15°46	15°40	20°34	14°49	W 8
T 9	17 10 12	18°11'42	17°51	11°47	19°53	17°39	21°16	14°16	18°43	26°28	1°57	15°47	15°37	20°41	14°56	T 9
F 10	17 14 8	19°9'01	0 ^{II} 11	13°56	21°5	18°22	21°25	14°12	18°46	26°29	1°58	15°47	15°34	20°48	15°2	F 10
S 11	17 18 5	20°6'20	12°20	16°7	22°16	19°5	21°34	14°8	18°50	26°29	2°0	15°R47	15°31	20°54	15°8	S 11
S 12	17 22 1	21°3'38	24°21	18°18	23°28	19°49	21°43	14°4	18°53	26°30	2°1	15°47	15°28	21°1	15°15	S 12
M13	17 25 58	22°0'55	6 ^{III} 16	20°30	24°39	20°32	21°52	14°0	18°57	26°30	2°2	15°47	15°24	21°8	15°21	M13
T 14	17 29 54	22°58'12	18°6	22°42	25°51	21°15	22°1	13°56	19°0	26°31	2°4	15°46	15°21	21°14	15°27	T 14
W15	17 33 51	23°55'28	29°55	24°53	27°2	21°58	22°11	13°52	19°4	26°31	2°5	15°45	15°18	21°21	15°34	W15
T 16	17 37 47	24°52'44	11 ^{II} 45	27°5	28°13	22°41	22°20	13°48	19°7	26°32	2°7	15°44	15°15	21°28	15°40	T 16
F 17	17 41 44	25°49'59	23°39	29°15	29°25	23°24	22°30	13°44	19°11	26°32	2°8	15°42	15°12	21°34	15°47	F 17
S 18	17 45 41	26°47'13	5 ^{II} 41	1 ^{II} 25	0 ^{II} 36	24°7	22°39	13°40	19°15	26°33	2°10	15°41	15°9	21°41	15°53	S 18
S 19	17 49 37	27°44'27	17°54	3°34	1°47	24°50	22°49	13°36	19°18	26°33	2°11	15°41	15°5	21°48	16°0	S 19
M20	17 53 34	28°41'40	0 ^{II} 24	5°41	2°58	25°33	22°59	13°32	19°22	26°33	2°12	15°D40	15°2	21°54	16°7	M20
T 21	17 57 30	29°38'52	13°14	7°47	4°9	26°15	23°9	13°28	19°25	26°34	2°14	15°41	14°59	22°1	16°13	T 21
W22	18 1 27	0 ^{II} 36'04	26°27	9°51	5°20	26°58	23°19	13°23	19°29	26°34	2°15	15°42	14°56	22°8	16°20	W22
T 23	18 5 23	1°33'16	10 ^{II} 16	11°54	6°31	27°41	23°29	13°19	19°32	26°34	2°17	15°43	14°53	22°14	16°26	T 23
F 24	18 9 20	2°30'27	24°12	13°55	7°42	28°23	23°39	13°15	19°36	26°34	2°19	15°44	14°49	22°21	16°33	F 24
S 25	18 13 16	3°27'38	8 ^{II} 43	15°54	8°52	29°6	23°50	13°10	19°39	26°34	2°20	15°R45	14°46	22°28	16°40	S 25
S 26	18 17 13	4°24'48	23°35	17°51	10°3	29°48	24°0	13°6	19°43	26°34	2°22	15°45	14°43	22°34	16°46	S 26
M27	18 21 10	5°21'58	8 ^{II} 41	19°46	11°14	0 ^{II} 30	24°10	13°2	19°46	26°35	2°23	15°44	14°40	22°41	16°53	M27
T 28	18 25 6	6°19'09	23°52	21°39	12°24	1°13	24°21	12°57	19°50	26°35	2°25	15°42	14°37	22°48	17°0	T 28
W29	18 29 3	7°16'19	8 ^{II} 58	23°30	13°35	1°55	24°32	12°53	19°53	26°R35	2°26	15°39	14°34	22°54	17°7	W29
T 30	18 32 59	8 ^{II} 13'29	23 ^{III} 51	25 ^{III} 19	14 ^{II} 45	2 ^{II} 37	24 ^{II} 42	12 ^{III} 49	19 ^{II} 57	26 ^{II} 35	2 ^{II} 28	15 ^{II} 36	14 ^{II} 30	23 ^{III} 1	17 ^{III} 13	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22n 4	16s38	3n41	17n56	1s17	24n44	1n39	14n55	0s30	15n44	1n 0	22s13	0n27	23n 2	0n 5	2s38	1s17	24n40	5n 1	22s43	22s45	19n11	16n20	6s26			
T 2	22 12	12 14	4 31	18 32	1 6	24 39	1 41	15 9	0 30	15 42	1 0	22 13	0 27	23 2	0 5	2 37	1 17	24 40	5 1	22 43	22 44	19 9	16 20	6 25			
F 3	22 20	7 14	5 3	19 9	0 55	24 34	1 42	15 23	0 29	15 39	1 0	22 14	0 27	23 3	0 5	2 37	1 17	24 40	5 1	22 43	22 44	19 8	16 19	6 25			
S 4	22 27	1 58	5 17	19 44	0 45	24 28	1 43	15 37	0 29	15 37	1 0	22 14	0 27	23 3	0 5	2 37	1 17	24 40	5 1	22 43	22 44	19 6	16 19	6 25			
S 5	22 34	3n16	5 12	20 19	0 34	24 21	1 44	15 50	0 28	15 34	1 0	22 14	0 27	23 3	0 5	2 36	1 17	24 39	5 0	22 43	22 43	19 4	16 19	6 25			
M 6	22 40	8 14	4 51	20 52	0 23	24 13	1 45	16 4	0 27	15 31	1 0	22 15	0 27	23 4	0 5	2 36	1 17	24 39	5 0	22 43	22 43	19 2	16 18	6 24			
T 7	22 46	12 44	4 15	21 25	0 12	24 5	1 46	16 17	0 27	15 28	1 0	22 15	0 27	23 4	0 5	2 36	1 17	24 39	5 0	22 43	22 43	19 1	16 18	6 24			
W 8	22 52	16 33	3 26	21 55	0 1	23 57	1 47	16 30	0 26	15 25	1 0	22 16	0 27	23 4	0 5	2 36	1 17	24 38	5 0	22 43	22 42	18 59	16 17	6 24			
T 9	22 57	19 34	2 29	22 24	0n10	23 47	1 48	16 43	0 25	15 22	1 0	22 16	0 27	23 5	0 5	2 35	1 17	24 38	5 0	22 43	22 42	18 57	16 17	6 24			
F 10	23 2	21 37	1 26	22 51	0 21	23 37	1 49	16 56	0 25	15 20	0 59	22 17	0 27	23 5	0 5	2 35	1 17	24 38	5 0	22 43	22 42	18 56	16 17	6 23			
S 11	23 7	22 38	0 19	23 16	0 31	23 26	1 50	17 8	0 24	15 17	0 59	22 17	0 27	23 5	0 5	2 35	1 18	24 37	5 0	22 43	22 41	18 54	16 16	6 23			
S 12	23 11	22 34	0s47	23 38	0 41	23 15	1 50	17 21	0 23	15 14	0 59	22 18	0 27	23 6	0 5	2 35	1 18	24 37	5 0	22 43	22 41	18 52	16 16	6 23			
M13	23 14	21 29	1 51	23 58	0 50	23 3	1 51	17 33	0 23	15 10	0 59	22 18	0 27	23 6	0 5	2 35	1 18	24 37	5 0	22 43	22 41	18 51	16 15	6 23			
T 14	23 17	19 27	2 50	24 16	0 59	22 50	1 51	17 45	0 22	15 7	0 59	22 19	0 26	23 6	0 5	2 35	1 18	24 36	5 0	22 43	22 40	18 49	16 15	6 23			
W15	23 20	16 36	3 41	24 30	1 7	22 37	1 52	17 57	0 21	15 4	0 59	22 19	0 26	23 7	0 5	2 34	1 18	24 36	5 0	22 43	22 40	18 47	16 14	6 22			
T 16	23 23	13 5	4 23	24 42	1 15	22 23	1 52	18 8	0 21	15 1	0 59	22 19	0 26	23 7	0 5	2 34	1 18	24 36	5 0	22 43	22 40	18 45	16 14	6 22			
F 17	23 25	9 2	4 54	24 51	1 22	22 8	1 52	18 20	0 20	14 58	0 59	22 20	0 26	23 7	0 5	2 34	1 18	24 35	5 0	22 43	22 39	18 44	16 13	6 22			
S 18	23 26	4 36	5 12	24 57	1 29	21 53	1 52	18 31	0 19	14 55	0 59	22 20	0 26	23 7	0 5	2 34	1 18	24 35	5 0	22 42	22 39	18 42	16 12	6 22			
S 19	23 28	0s 4	5 16	25 0	1 35	21 37	1 52	18 42	0 19	14 51	0 59	22 21	0 26	23 8	0 5	2 34	1 18	24 35	5 0	22 42	22 39	18 40	16 12	6 22			
M20	23 28	4 51	5 6	25 1	1 40	21 21	1 52	18 53	0 18	14 48	0 59	22 21	0 26	23 8	0 5	2 34	1 18	24 34	5 0	22 42	22 38	18 38	16 11	6 22			
T 21	23 29	9 32	4 41	24 59	1 44	21 4	1 52	19 4	0 17	14 45	0 59	22 22	0 26	23 8	0 5	2 34	1 18	24 34	5 0	22 42	22 38	18 37	16 11	6 22			
W22	23 29	13 57	4 0	24 54	1 48	20 47	1 52	19 14	0 17	14 41	0 59	22 22	0 26	23 9	0 5	2 34	1 18	24 34	5 0	22 43	22 37	18 35	16 10	6 21			
T 23	23 28	17 47	3 5	24 47	1 50	20 29	1 52	19 25	0 16	14 38	0 58	22 23	0 26	23 9	0 5	2 34	1 18	24 33	5 0	22 43	22 37	18 33	16 9	6 21			
F 24	23 27	20 44	1 56	24 37	1 53	20 10	1 51	19 35	0 15	14 35	0 58	22 23	0 26	23 9	0 5	2 34	1 18	24 33	5 0	22 43	22 37	18 31	16 9	6 21			
S 25	23 26	22 26	0 39	24 25	1 54	19 51	1 51	19 45	0 15	14 31	0 58	22 24	0 26	23 9	0 5	2 34	1 18	24 32	5 0	22 43	22 36	18 30	16 8	6 21			
S 26	23 24	22 36	0n43	24 11	1 55	19 32	1 50	19 55	0 14	14 28	0 58	22 24	0 26	23 10	0 5	2 34	1 18	24 32	5 0	22 43	22 36	18 28	16 7	6 21			
M27	23 22	21 9	2 3	23 55	1 55	19 12	1 50	20 4	0 13	14 24	0 58	22 25	0 26	23 10	0 5	2 34	1 18	24 32	5 0	22 43	22 36	18 26	16 7	6 21			
T 28	23 20	18 10	3 15	23 36	1 54	18 51	1 49	20 14	0 13	14 20	0 58	22 25	0 25	23 10	0 5	2 34	1 18	24 31	5 0	22 43	22 35	18 24	16 6	6 21			
W29	23 17	13 59	4 13	23 17	1 52	18 30	1 48	20 23	0 12	14 17	0 58	22 26	0 25	23 11	0 5	2 34	1 18	24 31	5 0	22 42	22 35	18 23	16 5	6 21			
T 30	23n13	8s59	4n53	22n55	1n50	18n 9	1n47	20n32	0s11	14n13	0n58	22s26	0n25	23n11	0n 5	2s34	1s18	24n31	5n 0	22s42	22s35	18n21	16n 4	6s21			

ASTRODIENST EPHEMERIS for the year 1695

geocentric

JULY 1695 GC

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 36 56	9 ⁵⁰ 10'40	8 ¹⁸ 23	27 ⁵⁶ 6	15 ⁰² 55	3 ¹¹ 19	24 ⁰² 53	12 ⁰⁰ R44	20 ¹¹ 0	26 ⁰⁰ R35	2 ⁰² 30	15 ⁰⁰ R34	14 ⁰⁷ 27	23 ⁵⁸ 8	17 ⁵⁸ 20	F 1
S 2	18 40 52	10 ⁰ 7'51	22 ⁰ 31	28 ⁰ 51	17 ⁰ 6	4 ⁰ 1	25 ⁰ 4	12 ⁰⁰ 340	20 ⁰ 3	26 ⁰⁰ 35	2 ⁰ 31	15 ⁰⁰ 32	14 ⁰ 24	23 ⁰ 14	17 ⁰ 27	S 2
S 3	18 44 49	11 ⁰ 5'02	6 ⁰⁰ 13	0 ⁰² 33	18 ⁰ 16	4 ⁰ 43	25 ⁰ 15	12 ⁰ 35	20 ⁰ 7	26 ⁰ 34	2 ⁰ 33	15 ⁰ D31	14 ⁰ 21	23 ⁰ 21	17 ⁰ 34	S 3
M 4	18 48 46	12 ⁰ 2'14	19 ⁰ 29	2 ⁰ 14	19 ⁰ 26	5 ⁰ 25	25 ⁰ 26	12 ⁰ 31	20 ⁰ 10	26 ⁰ 34	2 ⁰ 34	15 ⁰ 31	14 ⁰ 18	23 ⁰ 28	17 ⁰ 40	M 4
T 5	18 52 42	12 ⁰ 59'26	2 ⁰⁰ 23	3 ⁰ 53	20 ⁰ 36	6 ⁰ 7	25 ⁰ 37	12 ⁰ 27	20 ⁰ 14	26 ⁰ 34	2 ⁰ 36	15 ⁰ 32	14 ⁰ 15	23 ⁰ 34	17 ⁰ 47	T 5
W 6	18 56 39	13 ⁰ 56'39	14 ⁰ 58	5 ⁰ 30	21 ⁰ 46	6 ⁰ 49	25 ⁰ 48	12 ⁰ 22	20 ⁰ 17	26 ⁰ 34	2 ⁰ 38	15 ⁰ 34	14 ⁰ 11	23 ⁰ 41	17 ⁰ 54	W 6
T 7	19 0 35	14 ⁰ 53'52	27 ⁰ 17	7 ⁰ 4	22 ⁰ 56	7 ⁰ 31	25 ⁰ 59	12 ⁰ 18	20 ⁰ 20	26 ⁰ 34	2 ⁰ 39	15 ⁰ 35	14 ⁰ 8	23 ⁰ 48	18 ⁰ 1	T 7
F 8	19 4 32	15 ⁰ 51'05	9 ⁰⁰ 22	8 ⁰ 37	24 ⁰ 6	8 ⁰ 12	26 ⁰ 10	12 ⁰ 13	20 ⁰ 24	26 ⁰ 33	2 ⁰ 41	15 ⁰ 36	14 ⁰ 5	23 ⁰ 54	18 ⁰ 8	F 8
S 9	19 8 28	16 ⁰ 48'19	21 ⁰ 22	10 ⁰ 7	25 ⁰ 15	8 ⁰ 54	26 ⁰ 22	12 ⁰ 9	20 ⁰ 27	26 ⁰ 33	2 ⁰ 43	15 ⁰ R36	14 ⁰ 2	24 ⁰ 1	18 ⁰ 15	S 9
S 10	19 12 25	17 ⁰ 45'34	3 ⁰⁰ 15	11 ⁰ 36	26 ⁰ 25	9 ⁰ 35	26 ⁰ 33	12 ⁰ 5	20 ⁰ 30	26 ⁰ 33	2 ⁰ 44	15 ⁰ 35	13 ⁰ 59	24 ⁰ 8	18 ⁰ 21	S 10
M 11	19 16 21	18 ⁰ 42'49	15 ⁰ 5	13 ⁰ 2	27 ⁰ 35	10 ⁰ 17	26 ⁰ 45	12 ⁰ 0	20 ⁰ 33	26 ⁰ 32	2 ⁰ 46	15 ⁰ 32	13 ⁰ 55	24 ⁰ 15	18 ⁰ 28	M 11
T 12	19 20 18	19 ⁰ 40'04	26 ⁰ 54	14 ⁰ 26	28 ⁰ 44	10 ⁰ 58	26 ⁰ 56	11 ⁰ 56	20 ⁰ 37	26 ⁰ 32	2 ⁰ 48	15 ⁰ 27	13 ⁰ 52	24 ⁰ 21	18 ⁰ 35	T 12
W 13	19 24 15	20 ⁰ 37'20	8 ⁰⁰ 43	15 ⁰ 48	29 ⁰ 53	11 ⁰ 40	27 ⁰ 8	11 ⁰ 51	20 ⁰ 40	26 ⁰ 32	2 ⁰ 49	15 ⁰ 21	13 ⁰ 49	24 ⁰ 28	18 ⁰ 42	W 13
T 14	19 28 11	21 ⁰ 34'35	20 ⁰ 36	17 ⁰ 8	1 ⁰⁰ 3	12 ⁰ 21	27 ⁰ 19	11 ⁰ 47	20 ⁰ 43	26 ⁰ 31	2 ⁰ 51	15 ⁰ 15	13 ⁰ 46	24 ⁰ 35	18 ⁰ 49	T 14
F 15	19 32 8	22 ⁰ 31'52	2 ⁰⁰ 35	18 ⁰ 25	2 ⁰ 12	13 ⁰ 2	27 ⁰ 31	11 ⁰ 43	20 ⁰ 46	26 ⁰ 31	2 ⁰ 53	15 ⁰ 8	13 ⁰ 43	24 ⁰ 41	18 ⁰ 56	F 15
S 16	19 36 4	23 ⁰ 29'08	14 ⁰ 40	19 ⁰ 40	3 ⁰ 21	13 ⁰ 43	27 ⁰ 43	11 ⁰ 38	20 ⁰ 49	26 ⁰ 30	2 ⁰ 55	15 ⁰ 3	13 ⁰ 40	24 ⁰ 48	19 ⁰ 2	S 16
S 17	19 40 1	24 ⁰ 26'25	26 ⁰ 56	20 ⁰ 53	4 ⁰ 30	14 ⁰ 24	27 ⁰ 55	11 ⁰ 34	20 ⁰ 52	26 ⁰ 30	2 ⁰ 56	14 ⁰ 58	13 ⁰ 36	24 ⁰ 55	19 ⁰ 9	S 17
M 18	19 43 57	25 ⁰ 23'42	9 ⁰⁰ 26	22 ⁰ 3	5 ⁰ 39	15 ⁰ 5	28 ⁰ 6	11 ⁰ 30	20 ⁰ 56	26 ⁰ 29	2 ⁰ 58	14 ⁰ 55	13 ⁰ 33	25 ⁰ 1	19 ⁰ 16	M 18
T 19	19 47 54	26 ⁰ 21'00	22 ⁰ 12	23 ⁰ 11	6 ⁰ 48	15 ⁰ 46	28 ⁰ 18	11 ⁰ 26	20 ⁰ 59	26 ⁰ 28	3 ⁰ 0	14 ⁰ D54	13 ⁰ 30	25 ⁰ 8	19 ⁰ 23	T 19
W 20	19 51 50	27 ⁰ 18'18	5 ⁰⁰ 20	24 ⁰ 16	7 ⁰ 57	16 ⁰ 27	28 ⁰ 30	11 ⁰ 22	21 ⁰ 2	26 ⁰ 28	3 ⁰ 1	14 ⁰ 54	13 ⁰ 27	25 ⁰ 15	19 ⁰ 30	W 20
T 21	19 55 47	28 ⁰ 15'36	18 ⁰ 50	25 ⁰ 19	9 ⁰ 5	17 ⁰ 8	28 ⁰ 42	11 ⁰ 17	21 ⁰ 5	26 ⁰ 27	3 ⁰ 3	14 ⁰ 55	13 ⁰ 24	25 ⁰ 21	19 ⁰ 37	T 21
F 22	19 59 44	29 ⁰ 12'55	2 ⁰⁰ 47	26 ⁰ 19	10 ⁰ 14	17 ⁰ 48	28 ⁰ 54	11 ⁰ 13	21 ⁰ 8	26 ⁰ 26	3 ⁰ 5	14 ⁰ 56	13 ⁰ 21	25 ⁰ 28	19 ⁰ 43	F 22
S 23	20 3 40	0 ⁰⁰ 10'14	17 ⁰ 10	27 ⁰ 15	11 ⁰ 22	18 ⁰ 29	29 ⁰ 6	11 ⁰ 9	21 ⁰ 11	26 ⁰ 26	3 ⁰ 7	14 ⁰ R57	13 ⁰ 17	25 ⁰ 35	19 ⁰ 50	S 23
S 24	20 7 37	1 ⁰ 7'34	1 ⁰⁰ 56	28 ⁰ 9	12 ⁰ 30	19 ⁰ 10	29 ⁰ 19	11 ⁰ 5	21 ⁰ 14	26 ⁰ 25	3 ⁰ 8	14 ⁰ 55	13 ⁰ 14	25 ⁰ 41	19 ⁰ 57	S 24
M 25	20 11 33	2 ⁰ 4'54	17 ⁰ 1	29 ⁰ 0	13 ⁰ 38	19 ⁰ 50	29 ⁰ 31	11 ⁰ 1	21 ⁰ 17	26 ⁰ 24	3 ⁰ 10	14 ⁰ 52	13 ⁰ 11	25 ⁰ 48	20 ⁰ 4	M 25
T 26	20 15 30	3 ⁰ 2'16	2 ⁰⁰ 16	29 ⁰ 47	14 ⁰ 46	20 ⁰ 31	29 ⁰ 43	10 ⁰ 57	21 ⁰ 19	26 ⁰ 23	3 ⁰ 12	14 ⁰ 47	13 ⁰ 8	25 ⁰ 55	20 ⁰ 11	T 26
W 27	20 19 26	3 ⁰ 59'38	17 ⁰ 31	0 ⁰⁰ 31	15 ⁰ 54	21 ⁰ 11	29 ⁰ 55	10 ⁰ 53	21 ⁰ 22	26 ⁰ 23	3 ⁰ 14	14 ⁰ 41	13 ⁰ 5	26 ⁰ 1	20 ⁰ 17	W 27
T 28	20 23 23	4 ⁰ 57'00	2 ⁰⁰ 35	1 ⁰ 11	17 ⁰ 2	21 ⁰ 51	0 ⁰⁰ 8	10 ⁰ 50	21 ⁰ 25	26 ⁰ 22	3 ⁰ 15	14 ⁰ 33	13 ⁰ 1	26 ⁰ 8	20 ⁰ 24	T 28
F 29	20 27 19	5 ⁰ 54'24	17 ⁰ 19	1 ⁰ 48	18 ⁰ 10	22 ⁰ 32	0 ⁰ 20	10 ⁰ 46	21 ⁰ 28	26 ⁰ 21	3 ⁰ 17	14 ⁰ 26	12 ⁰ 58	26 ⁰ 15	20 ⁰ 31	F 29
S 30	20 31 16	6 ⁰ 51'49	1 ⁰⁰ 38	2 ⁰ 20	19 ⁰ 17	23 ⁰ 12	0 ⁰ 32	10 ⁰ 42	21 ⁰ 31	26 ⁰ 20	3 ⁰ 19	14 ⁰ 20	12 ⁰ 55	26 ⁰ 21	20 ⁰ 37	S 30
S 31	20 35 13	7 ⁰⁰ 49'15	15 ⁰⁰ 27	2 ⁰⁰ 48	20 ⁰⁰ 25	23 ⁰⁰ 52	0 ⁰⁰ 45	10 ⁰⁰ 38	21 ⁰⁰ 33	26 ⁰⁰ 19	3 ⁰⁰ 21	14 ⁰⁰ 16	12 ⁰⁰ 52	26 ⁰⁰ 28	20 ⁰⁰ 44	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
F 1	23n10	3s36	5n12	22n32	1n48	17n47	1n46	20n41	0s10	14n10	0n58	22s27	0n25	23n11	0n 5	2s34	1s19	24n30	5n 0	22s42	22s34	18n19	16n 4	6s21					
S 2	23 5	1n49	5 12	22 8	1 45	17 24	1 45	20 50	0 10	14 6	0 58	22 27	0 25	23 11	0 5	2 34	1 19	24 30	5 0	22 41	22 34	18 17	16 3	6 21					
S 3	23 1	6 59	4 55	21 42	1 41	17 2	1 44	20 58	0 9	14 2	0 58	22 28	0 25	23 12	0 5	2 34	1 19	24 30	5 0	22 41	22 34	18 15	16 2	6 21					
M 4	22 56	11 40	4 21	21 15	1 36	16 38	1 43	21 6	0 8	13 58	0 58	22 28	0 25	23 12	0 5	2 34	1 19	24 29	5 0	22 41	22 33	18 14	16 1	6 21					
T 5	22 51	15 41	3 36	20 48	1 31	16 15	1 41	21 14	0 8	13 55	0 58	22 29	0 25	23 12	0 5	2 34	1 19	24 29	5 0	22 41	22 33	18 12	16 0	6 20					
W 6	22 45	18 54	2 40	20 19	1 26	15 51	1 40	21 22	0 7	13 51	0 58	22 29	0 25	23 12	0 5	2 34	1 19	24 28	5 0	22 42	22 32	18 10	15 59	6 20					
T 7	22 39	21 11	1 39	19 49	1 20	15 26	1 38	21 30	0 6	13 47	0 58	22 30	0 25	23 13	0 5	2 34	1 19	24 28	5 0	22 42	22 32	18 8	15 59	6 20					
F 8	22 32	22 27	0 34	19 19	1 13	15 2	1 37	21 37	0 5	13 43	0 58	22 30	0 25	23 13	0 5	2 35	1 19	24 28	5 0	22 42	22 32	18 6	15 58	6 20					
S 9	22 25	22 40	0s32	18 48	1 6	14 37	1 35	21 45	0 5	13 39	0 58	22 31	0 24	23 13	0 5	2 35	1 19	24 27	5 1	22 42	22 31	18 5	15 57	6 20					
S 10	22 18	21 51	1 35	18 17	0 59	14 11	1 33	21 52	0 4	13 35	0 58	22 31	0 24	23 13	0 5	2 35	1 19	24 27	5 1	22 42	22 31	18 3	15 56	6 20					
M 11	22 10	20 4	2 34	17 45	0 51	13 45	1 31	21 59	0 3	13 31	0 58	22 32	0 24	23 14	0 5	2 35	1 19	24 27	5 1	22 41	22 31	18 1	15 55	6 21					
T 12	22 2	17 26	3 26	17 12	0 43	13 19	1 29	22 5	0 2	13 27	0 58	22 32	0 24	23 14	0 5	2 35	1 19	24 26	5 1	22 41	22 30	17 59	15 54	6 21					
W 13	21 54	14 5	4 10	16 40	0 34	12 53	1 27	22 12	0 2	13 23	0 58	22 33	0 24	23 14	0 5	2 36	1 19	24 26	5 1	22 40	22 30	17 57	15 53	6 21					
T 14	21 45	10 11	4 42	16 7	0 25	12 26	1 24	22 18	0 1	13 19	0 57	22 33	0 24	23 14	0 5	2 36	1 19	24 26	5 1	22 40	22 29	17 56	15 52	6 21					
F 15	21 35	5 51	5 3	15 35	0 15	11 59	1 22	22 24	0 0	13 15	0 57	22 34	0 24	23 15	0 5	2 36	1 19	24 25	5 1	22 39	22 29	17 54	15 51	6 21					
S 16	21 26	1 16	5 10	15 2	0 6	11 32	1 20	22 30	0n 1	13 11	0 57	22 34	0 24	23 15	0 5	2 36	1 19	24 25	5 1	22 38	22 29	17 52	15 50	6 21					
S 17	21 16	3s25	5 4	14 29	0s 4	11 4	1 17	22 35	0 1	13 7	0 57	22 35	0 24	23 15	0 5	2 37	1 19	24 25	5 1	22 38	22 28	17 50	15 49	6 21					
M 18	21 6	8 4	4 43	13 57	0 15	10 37	1 15	22 41	0 2	13 3	0 57	22 35	0 24	23 15	0 5	2 37	1 19	24 24	5 1	22 37	22 28	17 48	15 48	6 21					
T 19	20 55	12 29	4 7	13 24	0 26	10 9	1 12	22 46	0 3	12 59	0 57	22 36	0 24	23 15	0 5	2 37	1 19	24 24	5 1	22 37	22 27	17 46	15 47	6 21					
W 20	20 44	16 26	3 18	12 53	0 37	9 40	1 9	22 51	0 4	12 55	0 57	22 36	0 23	23 16	0 5	2 37	1 19	24 23	5 1	22 37	22 27	17 45	15 46	6 21					
T 21	20 33	19 39	2 17	12 21	0 48	9 12	1 6	22 56	0 4	12 50	0 57	22 37	0 23	23 16	0 5	2 38	1 20	24 23	5 1	22 37	22 27	17 43	15 45	6 21					
F 22	20 21	21 49	1 5	11 50	0 59	8 43	1 3	23 0	0 5	12 46	0 57	22 37	0 23	23 16	0 5	2 38	1 20	24 23	5 1	22 38	22 26	17 41	15 44	6 21					
S 23	20 9	22 39	0n12	11 20	1 11	8 14	1 0	23 5	0 6	12 42	0 57	22 37	0 23	23 16	0 5	2 38	1 20	24 22	5 1	22 38	22 26	17 39	15 43	6 21					
S 24	19 56	21 57	1 31	10 50	1 23	7 45	0 57	23 9	0 7	12 38	0 57	22 38	0 23	23 17	0 5	2 39	1 20	24 22	5 1	22 37	22 25	17 37	15 42	6 22					
M 25	19 44	19 41	2 44	10 21	1 35	7 16	0 54	23 13	0 8	12 33	0 57	22 38	0 23	23 17	0 5	2 39	1 20	24 22	5 1	22 37	22 25	17 35	15 41	6 22					
T 26	19 31	16 0	3 47	9 53	1 47	6 47	0 50	23 17	0 8	12 29	0 57	22 39	0 23	23 17	0 5	2 39	1 20	24 21	5 1	22 37	22 25	17 34	15 40	6 22					
W 27	19 17	11 16	4 34	9 27	2 0	6 17	0 47	23 20	0 9	12 25	0 57	22 39	0 23	23 17	0 5	2 40	1 20	24 21	5 1	22 36	22 24	17 32	15 39	6 22					
T 28	19 4	5 54	5 1	9 1	2 12	5 48	0 43	23 23	0 10	12 20	0 57	22 40	0 23	23 17	0 5	2 40	1 20	24 21	5 2	22 35	22 24	17 30	15 38	6 22					
F 29	18 50	0 18	5 7	8 36	2 27	5 18	0 40	23 27	0 11	12 16	0 57	22 40	0 23	23 18	0 5	2 41	1 20	24 20	5 2	22 34	22 23	17 28	15 36	6 22					
S 30	18 35	5n 8	4 53	8 13	2 37	4 48	0 36	23 30	0 11	12 11	0 57	22 40	0 22	23 18	0 5	2 41	1 20	24 20	5 2	22 33	22 23	17 26	15 35	6 23					
S 31	18n21	10n 8	4n23	7n52	2s49	4n18	0n32	23n32	0n12	12n 7	0n57	22s41	0n22	23n18	0n 5	2s41	1s20	24n20	5n 2	22s33	22s23	17n24	15n34	6s23					

ASTRODIENST EPHEMERIS for the year 1695

geocentric

AUGUST 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 39 9	8♌46'43	28♌47	3♍12	21♍32	24♌32	0♍57	10°R35	21♌36	26°R18	3♌22	14°R14	12♌49	26♌35	20♌51	M 1
T 2	20 43 6	9°44'11	11♌40	3°31	22°39	25°12	1°10	10♌31	21°39	26♌17	3°24	14°D13	12°46	26°41	20°57	T 2
W 3	20 47 2	10°41'42	24°12	3°46	23°46	25°52	1°22	10°28	21°41	26°16	3°26	14♌14	12°42	26°48	21° 4	W 3
T 4	20 50 59	11°39'13	6♌25	3°56	24°53	26°32	1°35	10°24	21°44	26°15	3°27	14°15	12°39	26°55	21°11	T 4
F 5	20 54 55	12°36'46	18°26	4°R 0	26° 0	27°11	1°48	10°21	21°47	26°14	3°29	14°R15	12°36	27° 2	21°17	F 5
S 6	20 58 52	13°34'20	0♌19	3°59	27° 6	27°51	2° 0	10°17	21°49	26°13	3°31	14°13	12°33	27° 8	21°24	S 6
S 7	21 2 48	14°31'56	12° 8	3°53	28°13	28°31	2°13	10°14	21°52	26°12	3°33	14°10	12°30	27°15	21°30	S 7
M 8	21 6 45	15°29'33	23°56	3°42	29°19	29°10	2°26	10°11	21°54	26°10	3°34	14° 3	12°27	27°22	21°37	M 8
T 9	21 10 42	16°27'11	5♌46	3°24	0♌25	29°50	2°38	10° 8	21°56	26° 9	3°36	13°55	12°23	27°28	21°43	T 9
W10	21 14 38	17°24'50	17°41	3° 2	1°31	0♌29	2°51	10° 5	21°59	26° 8	3°38	13°44	12°20	27°35	21°50	W10
T11	21 18 35	18°22'31	29°41	2°34	2°37	1° 8	3° 4	10° 2	22° 1	26° 7	3°39	13°32	12°17	27°42	21°56	T11
F12	21 22 31	19°20'13	11♌47	2° 1	3°42	1°48	3°17	9°59	22° 3	26° 6	3°41	13°20	12°14	27°48	22° 3	F12
S13	21 26 28	20°17'56	24° 2	1°23	4°48	2°27	3°29	9°56	22° 6	26° 4	3°43	13° 9	12°11	27°55	22° 9	S13
S14	21 30 24	21°15'40	6♌27	0°41	5°53	3° 6	3°42	9°53	22° 8	26° 3	3°44	13° 0	12° 7	28° 2	22°16	S14
M15	21 34 21	22°13'25	19° 3	29♌54	6°58	3°45	3°55	9°50	22°10	26° 2	3°46	12°53	12° 4	28° 8	22°22	M15
T16	21 38 17	23°11'12	1♌52	29° 5	8° 3	4°24	4° 8	9°48	22°12	26° 1	3°48	12°49	12° 1	28°15	22°28	T16
W17	21 42 14	24° 9'00	14°58	28°14	9° 7	5° 3	4°21	9°45	22°14	25°59	3°49	12°47	11°58	28°22	22°34	W17
T18	21 46 11	25° 6'49	28°23	27°21	10°12	5°41	4°34	9°43	22°16	25°58	3°51	12°D47	11°55	28°28	22°41	T18
F19	21 50 7	26° 4'39	12♌10	26°27	11°16	6°20	4°47	9°40	22°18	25°56	3°53	12°R47	11°52	28°35	22°47	F19
S20	21 54 4	27° 2'30	26°19	25°34	12°20	6°59	5° 0	9°38	22°20	25°55	3°54	12°46	11°48	28°42	22°53	S20
S21	21 58 0	28° 0'23	10♌51	24°43	13°24	7°37	5°13	9°36	22°22	25°54	3°56	12°44	11°45	28°48	22°59	S21
M22	22 1 57	28°58'17	25°42	23°55	14°27	8°16	5°26	9°34	22°24	25°52	3°58	12°39	11°42	28°55	23° 5	M22
T23	22 5 53	29°56'12	10♌55	23°11	15°31	8°54	5°39	9°32	22°26	25°51	3°59	12°32	11°39	29° 2	23°11	T23
W24	22 9 50	0♍54'09	25°53	22°32	16°34	9°33	5°52	9°30	22°28	25°49	4° 1	12°22	11°36	29° 9	23°17	W24
T25	22 13 46	1°52'07	10♌54	21°59	17°36	10°11	6° 5	9°28	22°30	25°48	4° 2	12°11	11°32	29°15	23°23	T25
F26	22 17 43	2°50'07	25°39	21°32	18°39	10°49	6°18	9°26	22°31	25°46	4° 4	12° 0	11°29	29°22	23°29	F26
S27	22 21 40	3°48'08	10♌1	21°13	19°41	11°27	6°31	9°25	22°33	25°45	4° 5	11°51	11°26	29°29	23°35	S27
S28	22 25 36	4°46'12	23°55	21° 1	20°43	12° 5	6°44	9°23	22°35	25°43	4° 7	11°44	11°23	29°35	23°41	S28
M29	22 29 33	5°44'17	7♌20	20°D58	21°45	12°43	6°57	9°22	22°36	25°42	4° 8	11°39	11°20	29°42	23°46	M29
T30	22 33 29	6°42'24	20°17	21° 3	22°46	13°21	7°10	9°20	22°38	25°40	4°10	11°37	11°17	29°49	23°52	T30
W31	22 37 26	7♌40'34	2♌50	21♌17	23♌48	13♌58	7♌23	9♌19	22♌39	25♌39	4♌11	11♌36	11♌13	29♌55	23♌58	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	18n 6	14n28	3n39	7n32	3s 1	3n48	0n28	23n35	0n13	12n 3	0n57	22s41	0n22	23n18	0n 5	2s42	1s20	24n19	5n 2	22s33	22s22	17n22	15n33	6s23					
T 2	17 50	17 59	2 46	7 14	3 13	3 18	0 24	23 37	0 14	11 58	0 57	22 42	0 22	23 18	0 5	2 42	1 20	24 19	5 2	22 33	22 22	17 20	15 32	6 23					
W 3	17 35	20 33	1 46	6 58	3 24	2 47	0 20	23 39	0 15	11 54	0 57	22 42	0 22	23 18	0 5	2 43	1 20	24 19	5 2	22 33	22 21	17 19	15 31	6 23					
T 4	17 19	22 6	0 42	6 44	3 36	2 17	0 16	23 41	0 15	11 49	0 57	22 42	0 22	23 19	0 5	2 43	1 20	24 18	5 2	22 33	22 21	17 17	15 29	6 24					
F 5	17 3	22 36	0s22	6 32	3 47	1 47	0 12	23 43	0 16	11 45	0 57	22 43	0 22	23 19	0 5	2 44	1 20	24 18	5 2	22 33	22 21	17 15	15 28	6 24					
S 6	16 47	22 4	1 25	6 23	3 57	1 16	0 8	23 45	0 17	11 40	0 57	22 43	0 22	23 19	0 6	2 44	1 20	24 18	5 2	22 33	22 20	17 13	15 27	6 24					
S 7	16 30	20 33	2 23	6 16	4 6	0 46	0 3	23 46	0 18	11 36	0 57	22 43	0 22	23 19	0 6	2 45	1 20	24 17	5 2	22 32	22 20	17 11	15 26	6 24					
M 8	16 13	18 9	3 15	6 12	4 15	0 16	0s 1	23 47	0 19	11 31	0 57	22 44	0 21	23 19	0 6	2 45	1 20	24 17	5 2	22 31	22 19	17 9	15 25	6 24					
T 9	15 56	15 0	3 59	6 11	4 23	0s15	0 5	23 48	0 19	11 26	0 57	22 44	0 21	23 19	0 6	2 46	1 20	24 17	5 3	22 30	22 19	17 7	15 23	6 25					
W10	15 38	11 14	4 32	6 13	4 30	0 45	0 10	23 49	0 20	11 22	0 57	22 44	0 21	23 20	0 6	2 46	1 20	24 16	5 3	22 29	22 17	17 5	15 22	6 25					
T11	15 21	7 1	4 54	6 17	4 35	1 16	0 15	23 49	0 21	11 17	0 57	22 45	0 21	23 20	0 6	2 47	1 20	24 16	5 3	22 28	22 18	17 3	15 21	6 25					
F12	15 3	2 30	5 2	6 25	4 40	1 46	0 19	23 50	0 22	11 13	0 57	22 45	0 21	23 20	0 6	2 47	1 20	24 16	5 3	22 26	22 18	17 2	15 20	6 26					
S13	14 45	2s10	4 57	6 36	4 43	2 17	0 24	23 50	0 23	11 8	0 57	22 45	0 21	23 20	0 6	2 48	1 20	24 15	5 3	22 25	22 17	17 0	15 18	6 26					
S14	14 26	6 49	4 38	6 50	4 44	2 47	0 29	23 50	0 23	11 3	0 57	22 46	0 21	23 20	0 6	2 48	1 21	24 15	5 3	22 24	22 17	16 58	15 17	6 26					
M15	14 8	11 15	4 5	7 6	4 43	3 17	0 34	23 50	0 24	10 59	0 57	22 46	0 21	23 20	0 6	2 49	1 21	24 15	5 3	22 23	22 17	16 56	15 16	6 26					
T16	13 49	15 15	3 19	7 25	4 41	3 48	0 39	23 49	0 25	10 54	0 57	22 46	0 21	23 21	0 6	2 49	1 21	24 15	5 3	22 22	22 16	16 54	15 14	6 27					
W17	13 30	18 37	2 22	7 47	4 36	4 18	0 44	23 49	0 26	10 49	0 57	22 47	0 21	23 21	0 6	2 50	1 21	24 14	5 3	22 22	22 16	16 52	15 13	6 27					
T18	13 10	21 4	1 16	8 11	4 30	4 48	0 49	23 48	0 27	10 45	0 57	22 47	0 20	23 21	0 6	2 50	1 21	24 14	5 4	22 22	22 15	16 50	15 12	6 27					
F19	12 51	22 20	0 3	8 36	4 22	5 18	0 54	23 47	0 28	10 40	0 57	22 47	0 20	23 21	0 6	2 51	1 21	24 14	5 4	22 22	22 15	16 48	15 10	6 28					
S20	12 31	22 14	1n11	9 3	4 12	5 48	1 0	23 46	0 28	10 35	0 57	22 48	0 20	23 21	0 6	2 52	1 21	24 13	5 4	22 22	22 14	16 46	15 9	6 28					
S21	12 11	20 40	2 23	9 31	4 0	6 17	1 5	23 45	0 29	10 30	0 57	22 48	0 20	23 21	0 6	2 52	1 21	24 13	5 4	22 22	22 14	16 44	15 8	6 28					
M22	11 51	17 39	3 26	10 0	3 47	6 47	1 10	23 43	0 30	10 26	0 57	22 48	0 20	23 21	0 6	2 53	1 21	24 13	5 4	22 21	22 14	16 42	15 6	6 29					
T23	11 31	13 27	4 16	10 28	3 32	7 17	1 15	23 42	0 31	10 21	0 57	22 48	0 20	23 21	0 6	2 53	1 21	24 13	5 4	22 20	22 13	16 40	15 5	6 29					
W24	11 10	8 23	4 49	10 56	3 16	7 46	1 21	23 40	0 32	10 16	0 58	22 49	0 20	23 22	0 6	2 54	1 21	24 12	5 4	22 19	22 13	16 39	15 4	6 30					
T25	10 50	2 51	5 1	11 22	2 59	8 15	1 26	23 38	0 33	10 11	0 58	22 49	0 20	23 22	0 6	2 55	1 21	24 12	5 4	22 17	22 12	16 37	15 2	6 30					
F26	10 29	2n45	4 53	11 48	2 42	8 44	1 32	23 36	0 34	10 7	0 58	22 49	0 20	23 22	0 6	2 55	1 21	24 12	5 5	22 16	22 12	16 35	15 1	6 30					
S27	10 8	8 3	4 26	12 11	2 23	9 13	1 37	23 33	0 34	10 2	0 58	22 49	0 19	23 22	0 6	2 56	1 21	24 12	5 5	22 15	22 11	16 33	15 0	6 31					
S28	9 47	12 46	3 44	12 33	2 4	9 42	1 43	23 31	0 35	9 57	0 58	22 49	0 19	23 22	0 6	2 56	1 21	24 11	5 5	22 14	22 11	16 31	14 58	6 31					
M29	9 25	16 40	2 51	12 52	1 46	10 10	1 49	23 28	0 36	9 52	0 58	22 50	0 19	23 22	0 6	2 57	1 21	24 11	5 5	22 13	22 10	16 29	14 57	6 32					
T30	9 4	19 37	1 50	13 8	1 27	10 38	1 54	23 25	0 37	9 47	0 58	22 50	0 19	23 22	0 6	2 58	1 21	24 11	5 5	22 13	22 10	16 27	14 56	6 32					
W31	8n42	21n31	0n46	13n21	1s 8	11s 6	2s 0	23n22	0n38	9n43	0n58	22s50	0n19	23n22	0n 6	2s58	1s21	24n11	5n 5	22s13	22s10	16n25	14n54	6s32					

ASTRODIENST EPHEMERIS for the year 1695

geocentric

SEPTEMBER 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 41 22	8♍38'45	15♊4	21♏40	24♌48	14♍36	7♎36	9°R18	22♊41	25°R37	4♏13	11°R36	11♌10	0♏2	24♍3	T 1
F 2	22 45 19	9°36'59	27°4	22°11	25°49	15°14	7°49	9♌16	22°42	25°R36	4°14	11♌35	11°7	0°9	24°9	F 2
S 3	22 49 15	10°35'14	8♍56	22°51	26°49	15°51	8°2	9°15	22°43	25°34	4°16	11°33	11°4	0°15	24°15	S 3
S 4	22 53 12	11°33'31	20°45	23°38	27°49	16°29	8°15	9°14	22°45	25°32	4°17	11°29	11°1	0°22	24°20	S 4
M 5	22 57 9	12°31'51	2♏34	24°34	28°48	17°6	8°28	9°14	22°46	25°31	4°19	11°22	10°58	0°29	24°25	M 5
T 6	23 1 5	13°30'12	14°28	25°36	29°48	17°43	8°41	9°13	22°47	25°29	4°20	11°12	10°54	0°36	24°31	T 6
W 7	23 5 2	14°28'35	26°29	26°46	0♍46	18°20	8°54	9°12	22°48	25°28	4°22	10°59	10°51	0°42	24°36	W 7
T 8	23 8 58	15°27'01	8♎38	28°2	1°45	18°57	9°7	9°12	22°49	25°26	4°23	10°46	10°48	0°49	24°41	T 8
F 9	23 12 55	16°25'28	20°57	29°23	2°43	19°34	9°20	9°11	22°50	25°24	4°24	10°32	10°45	0°56	24°47	F 9
S 10	23 16 51	17°23'57	3♌26	0♎50	3°40	20°11	9°33	9°11	22°51	25°23	4°26	10°19	10°42	1°2	24°52	S 10
S 11	23 20 48	18°22'27	16°6	2°21	4°37	20°48	9°45	9°11	22°52	25°21	4°27	10°8	10°38	1°9	24°57	S 11
M12	23 24 44	19°21'00	28°57	3°57	5°34	21°25	9°58	9°10	22°53	25°19	4°28	10°0	10°35	1°16	25°2	M12
T 13	23 28 41	20°19'34	11♍59	5°35	6°30	22°1	10°11	9°D10	22°54	25°18	4°30	9°55	10°32	1°22	25°7	T 13
W14	23 32 37	21°18'10	25°13	7°17	7°26	22°38	10°24	9°10	22°55	25°16	4°31	9°52	10°29	1°29	25°12	W14
T 15	23 36 34	22°16'48	8♌41	9°1	8°22	23°14	10°37	9°11	22°55	25°14	4°32	9°D51	10°26	1°36	25°16	T 15
F 16	23 40 31	23°15'28	22°25	10°47	9°16	23°51	10°50	9°11	22°56	25°13	4°33	9°R52	10°23	1°42	25°21	F 16
S 17	23 44 27	24°14'09	6♌25	12°34	10°11	24°27	11°3	9°11	22°57	25°11	4°35	9°51	10°19	1°49	25°26	S 17
S 18	23 48 24	25°12'52	20°41	14°23	11°4	25°3	11°16	9°12	22°57	25°9	4°36	9°49	10°16	1°56	25°30	S 18
M19	23 52 20	26°11'36	5♌12	16°12	11°57	25°39	11°28	9°12	22°58	25°8	4°37	9°44	10°13	2°2	25°35	M19
T 20	23 56 17	27°10'22	19°53	18°2	12°50	26°15	11°41	9°13	22°58	25°6	4°38	9°37	10°10	2°9	25°40	T 20
W21	0 0 13	28°9'10	4♎39	19°52	13°42	26°51	11°54	9°13	22°59	25°4	4°39	9°28	10°7	2°16	25°44	W21
T 22	0 4 10	29°8'00	19°22	21°42	14°33	27°26	12°7	9°14	22°59	25°3	4°41	9°17	10°4	2°23	25°48	T 22
F 23	0 8 6	0♌6'51	3♎54	23°32	15°24	28°2	12°19	9°15	22°59	25°1	4°42	9°7	10°0	2°29	25°53	F 23
S 24	0 12 3	1°5'45	18°7	25°22	16°13	28°37	12°32	9°16	23°0	24°59	4°43	8°57	9°57	2°36	25°57	S 24
S 25	0 16 0	2°4'41	1♌56	27°11	17°3	29°13	12°45	9°17	23°0	24°58	4°44	8°50	9°54	2°43	26°1	S 25
M26	0 19 56	3°3'39	15°20	29°0	17°51	29°48	12°57	9°19	23°0	24°56	4°45	8°45	9°51	2°49	26°5	M26
T 27	0 23 53	4°2'39	28°19	0♌48	18°38	0♏23	13°10	9°20	23°0	24°54	4°46	8°43	9°48	2°56	26°9	T 27
W28	0 27 49	5°1'42	10♊54	2°36	19°25	0°58	13°22	9°21	23°R 0	24°53	4°47	8°D42	9°44	3°3	26°13	W28
T 29	0 31 46	6°0'47	23°10	4°23	20°11	1°33	13°35	9°23	23°0	24°51	4°48	8°43	9°41	3°9	26°17	T 29
F 30	0 35 42	6♌59'54	5♍13	6♌9	20♍56	2♏8	13♎47	9♌24	23♊1	24°R50	4♏49	8°R44	9♌38	3♏16	26°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
T 1	8n20	22n20	0s18	13n31	0s50	11s34	2s 6	23n19	0n39	9n38	0n58	22s50	0n19	23n22	0n 6	2s59	1s21	24n10	5n 5	22s13	22s 9	16n23	14n53	6s33	
F 2	7 59	22 6	1 21	13 37	0 33	12 2	2 12	23 16	0 40	9 33	0 58	22 51	0 19	23 22	0 6	3 0	1 21	24 10	5 5	22 13	22 9	16 21	14 52	6 33	
S 3	7 37	20 52	2 19	13 40	0 16	12 29	2 17	23 12	0 40	9 28	0 58	22 51	0 19	23 23	0 6	3 0	1 21	24 10	5 6	22 12	22 8	16 19	14 50	6 34	
S 4	7 14	18 43	3 11	13 39	0 0	12 56	2 23	23 9	0 41	9 23	0 58	22 51	0 19	23 23	0 6	3 1	1 21	24 10	5 6	22 12	22 8	16 17	14 49	6 34	
M 5	6 52	15 48	3 55	13 35	0n14	13 23	2 29	23 5	0 42	9 18	0 58	22 51	0 18	23 23	0 6	3 2	1 21	24 10	5 6	22 11	22 7	16 15	14 47	6 35	
T 6	6 30	12 14	4 28	13 27	0 28	13 50	2 35	23 1	0 43	9 14	0 58	22 51	0 18	23 23	0 6	3 2	1 21	24 9	5 6	22 9	22 7	16 13	14 46	6 35	
W 7	6 7	8 9	4 50	13 15	0 41	14 16	2 41	22 57	0 44	9 9	0 58	22 51	0 18	23 23	0 6	3 3	1 21	24 9	5 6	22 8	22 7	16 11	14 45	6 36	
T 8	5 45	3 43	5 0	13 0	0 53	14 42	2 47	22 53	0 45	9 4	0 58	22 52	0 18	23 23	0 6	3 4	1 21	24 9	5 6	22 6	22 6	16 9	14 43	6 36	
F 9	5 22	0s56	4 55	12 42	1 4	15 8	2 52	22 48	0 46	8 59	0 58	22 52	0 18	23 23	0 6	3 4	1 21	24 9	5 7	22 4	22 6	16 7	14 42	6 37	
S 10	4 59	5 36	4 36	12 20	1 13	15 33	2 58	22 44	0 47	8 54	0 58	22 52	0 18	23 23	0 6	3 5	1 21	24 9	5 7	22 2	22 5	16 5	14 41	6 37	
S 11	4 36	10 5	4 4	11 55	1 21	15 58	3 4	22 39	0 48	8 49	0 58	22 52	0 18	23 23	0 6	3 6	1 21	24 8	5 7	22 0	22 5	16 3	14 39	6 38	
M12	4 13	14 12	3 18	11 27	1 29	16 23	3 10	22 34	0 48	8 45	0 59	22 52	0 18	23 23	0 6	3 6	1 21	24 8	5 7	21 59	22 4	16 1	14 38	6 38	
T 13	3 50	17 42	2 22	10 57	1 35	16 48	3 16	22 29	0 49	8 40	0 59	22 52	0 18	23 23	0 6	3 7	1 21	24 8	5 7	21 58	22 4	15 59	14 36	6 39	
W14	3 27	20 20	1 17	10 24	1 40	17 12	3 22	22 24	0 50	8 35	0 59	22 52	0 17	23 23	0 6	3 8	1 21	24 8	5 7	21 58	22 3	15 57	14 35	6 39	
T 15	3 4	21 53	0 6	9 48	1 44	17 35	3 28	22 19	0 51	8 30	0 59	22 52	0 17	23 23	0 6	3 8	1 21	24 8	5 8	21 58	22 3	15 55	14 34	6 40	
F 16	2 41	22 10	1n 6	9 11	1 47	17 59	3 34	22 14	0 52	8 25	0 59	22 52	0 17	23 23	0 6	3 9	1 21	24 8	5 8	21 58	22 2	15 53	14 32	6 40	
S 17	2 18	21 4	2 16	8 32	1 49	18 22	3 39	22 8	0 53	8 21	0 59	22 53	0 17	23 23	0 6	3 10	1 21	24 8	5 8	21 58	22 2	15 51	14 31	6 41	
S 18	1 54	18 37	3 18	7 51	1 51	18 44	3 45	22 3	0 54	8 16	0 59	22 53	0 17	23 24	0 6	3 10	1 21	24 7	5 8	21 58	22 2	15 49	14 30	6 41	
M19	1 31	14 58	4 9	7 9	1 51	19 6	3 51	21 57	0 55	8 11	0 59	22 53	0 17	23 24	0 6	3 11	1 21	24 7	5 8	21 57	22 1	15 47	14 28	6 42	
T 20	1 8	10 22	4 44	6 26	1 51	19 28	3 57	21 51	0 56	8 6	0 59	22 53	0 17	23 24	0 6	3 12	1 21	24 7	5 8	21 56	22 1	15 45	14 27	6 42	
W21	0 44	5 9	5 1	5 42	1 50	19 49	4 2	21 45	0 57	8 1	0 59	22 53	0 17	23 24	0 6	3 12	1 21	24 7	5 9	21 54	22 0	15 43	14 26	6 43	
T 22	0 21	0n21	4 57	4 57	1 48	20 10	4 8	21 39	0 58	7 57	0 59	22 53	0 17	23 24	0 6	3 13	1 21	24 7	5 9	21 53	22 0	15 41	14 24	6 44	
F 23	0s 3	5 45	4 35	4 12	1 46	20 31	4 13	21 33	0 59	7 52	0 59	22 53	0 16	23 24	0 6	3 14	1 21	24 7	5 9	21 51	21 59	15 39	14 23	6 44	
S 24	0 26	10 44	3 55	3 26	1 44	20 51	4 19	21 27	1 0	7 47	0 59	22 53	0 16	23 24	0 6	3 14	1 21	24 7	5 9	21 50	21 59	15 37	14 22	6 45	
S 25	0 50	15 1	3 2	2 39	1 40	21 10	4 25	21 20	1 1	7 42	1 0	22 53	0 16	23 24	0 6	3 15	1 21	24 7	5 9	21 49	21 58	15 35	14 20	6 45	
M26	1 13	18 23	2 1	1 53	1 37	21 30	4 30	21 14	1 2	7 37	1 0	22 53	0 16	23 24	0 6	3 16	1 21	24 7	5 10	21 48	21 58	15 33	14 19	6 46	
T 27	1 37	20 43	0 55	1 6	1 33	21 48	4 35	21 7	1 3	7 33	1 0	22 53	0 16	23 24	0 6	3 16	1 21	24 7	5 10	21 47	21 57	15 31	14 18	6 47	
W28	2 0	21 55	0s12	0 19	1 28	22 6	4 41	21 0	1 4	7 28	1 0	22 53	0 16	23 24	0 6	3 17	1 21	24 7	5 10	21 47	21 57	15 29	14 16	6 47	
T 29	2 24	22 2	1 17	0s28	1 24	22 24	4 46	20 54	1 4	7 23	1 0	22 53	0 16	23 24	0 6	3 17	1 21	24 6	5 10	21 47	21 56	15 27	14 15	6 48	
F 30	2s47	21n 6	2s17	1s15	1n19	22s41	4s51	20n47	1n 5	7n19	1n 0	22s53	0n16	23n24	0n 6	3s18	1s21	24n 6	5n10	21s48	21s56	15n25	14n14	6s49	

Julian Day Number = 2340389.5, Delta T = 15.92 sec

Ecliptic obliquity = 23°28'41", Nutation = 0°00'17", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 20°29'31", Lahiri = 19°36'32Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1695
geocentric

OCTOBER 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 39	7♂59°04	17♂6 6	7♂54	21♂40	2♂43	14♂0	9♂26	23°R 0	24°R48	4♂50	8°R43	9♂35	3♂23	26♂24	S 1
S 2	0 43 35	8°58'16	28°56	9°39	22°24	3°18	14°12	9°28	23II 0	24♂46	4°51	8♂41	9°32	3°30	26°28	S 2
M 3	0 47 32	9°57'30	10♂48	11°22	23° 6	3°52	14°25	9°30	23° 0	24°45	4°52	8°36	9°29	3°36	26°31	M 3
T 4	0 51 29	10°56'46	22°45	13° 6	23°47	4°27	14°37	9°32	22°59	24°43	4°52	8°29	9°25	3°43	26°35	T 4
W 5	0 55 25	11°56'05	4♂52	14°48	24°27	5° 1	14°49	9°34	22°59	24°42	4°53	8°21	9°22	3°50	26°38	W 5
T 6	0 59 22	12°55'26	17°10	16°29	25° 6	5°35	15° 1	9°36	22°59	24°40	4°54	8°11	9°19	3°56	26°41	T 6
F 7	1 3 18	13°54'49	29°42	18°10	25°44	6° 9	15°14	9°38	22°58	24°38	4°55	8° 0	9°16	4° 3	26°44	F 7
S 8	1 7 15	14°54'14	12♂28	19°50	26°21	6°43	15°26	9°41	22°58	24°37	4°56	7°51	9°13	4°10	26°47	S 8
S 9	1 11 11	15°53'41	25°27	21°30	26°56	7°17	15°38	9°43	22°57	24°35	4°56	7°42	9° 9	4°16	26°50	S 9
M10	1 15 8	16°53'10	8♂39	23° 8	27°31	7°50	15°50	9°46	22°57	24°34	4°57	7°37	9° 6	4°23	26°53	M10
T 11	1 19 4	17°52'41	22° 3	24°46	28° 3	8°24	16° 2	9°48	22°56	24°32	4°58	7°33	9° 3	4°30	26°56	T 11
W12	1 23 1	18°52'15	5♂37	26°23	28°35	8°57	16°14	9°51	22°55	24°31	4°58	7°D32	9° 0	4°36	26°59	W12
T 13	1 26 57	19°51'50	19°20	28° 0	29° 5	9°30	16°26	9°54	22°55	24°29	4°59	7°32	8°57	4°43	27° 2	T 13
F 14	1 30 54	20°51'26	3♂31	29°36	29°33	10° 4	16°38	9°57	22°54	24°28	5° 0	7°34	8°54	4°50	27° 4	F 14
S 15	1 34 51	21°51'05	17°13	1♂11	29°59	10°36	16°49	10° 0	22°53	24°27	5° 0	7°R35	8°50	4°57	27° 7	S 15
S 16	1 38 47	22°50'45	1♂22	2°46	0♂25	11° 9	17° 1	10° 3	22°52	24°25	5° 1	7°34	8°47	5° 3	27° 9	S 16
M17	1 42 44	23°50'27	15°37	4°20	0°48	11°42	17°13	10° 6	22°51	24°24	5° 1	7°32	8°44	5°10	27°11	M17
T 18	1 46 40	24°50'10	29°56	5°53	1°10	12°14	17°24	10° 9	22°50	24°22	5° 2	7°28	8°41	5°17	27°13	T 18
W19	1 50 37	25°49'55	14♂15	7°26	1°30	12°47	17°36	10°13	22°49	24°21	5° 2	7°23	8°38	5°23	27°16	W19
T 20	1 54 33	26°49'42	28°30	8°59	1°48	13°19	17°47	10°16	22°48	24°20	5° 3	7°16	8°35	5°30	27°18	T 20
F 21	1 58 30	27°49'31	12°Y35	10°31	2° 4	13°51	17°58	10°20	22°47	24°18	5° 3	7°10	8°31	5°37	27°19	F 21
S 22	2 2 26	28°49'21	26°27	12° 2	2°17	14°23	18°10	10°23	22°46	24°17	5° 4	7° 4	8°28	5°43	27°21	S 22
S 23	2 6 23	29°49'14	10♂0	13°33	2°29	14°55	18°21	10°27	22°45	24°16	5° 4	7° 0	8°25	5°50	27°23	S 23
M24	2 10 20	0♂49°08	23°14	15° 3	2°39	15°26	18°32	10°31	22°43	24°14	5° 4	6°57	8°22	5°57	27°25	M24
T 25	2 14 16	1°49'05	6II 7	16°33	2°46	15°58	18°43	10°35	22°42	24°13	5° 5	6°D56	8°19	6° 4	27°26	T 25
W26	2 18 13	2°49'04	18°41	18° 2	2°51	16°29	18°54	10°38	22°41	24°12	5° 5	6°57	8°15	6°10	27°28	W26
T 27	2 22 9	3°49'05	0♂58	19°30	2°54	17° 0	19° 5	10°42	22°39	24°11	5° 5	6°58	8°12	6°17	27°29	T 27
F 28	2 26 6	4°49'08	13° 2	20°59	2°R54	17°31	19°16	10°47	22°38	24°10	5° 6	7° 0	8° 9	6°24	27°30	F 28
S 29	2 30 2	5°49'13	24°57	22°26	2°52	18° 2	19°27	10°51	22°36	24° 8	5° 6	7° 2	8° 6	6°30	27°31	S 29
S 30	2 33 59	6°49'20	6♂49	23°53	2°48	18°33	19°38	10°55	22°35	24° 7	5° 6	7°R 2	8° 3	6°37	27°32	S 30
M31	2 37 55	7♂49'29	18♂41	25♂19	2♂41	19♂3	19♂48	10♂59	22II33	24♂6	5♂6	7♂1	8♂0	6♂44	27♂33	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	decl	decl	lat	decl	decl	decl	decl	lat
S 1	3s10	19n14	3s10	2s 1	1n13	22s58	4s56	20n40	1n 6	7n14	1n 0	22s53	0n16	23n24	0n 6	3s19	1s21	24n 6	5n10	21s47	21s55	15n23	14n12	6s49									
S 2	3 34	16 34	3 55	2 47	1 8	23 14	5 1	20 33	1 7	7 9	1 0	22 53	0 15	23 24	0 6	3 19	1 21	24 6	5 11	21 47	21 55	15 21	14 11	6 50									
M 3	3 57	13 13	4 30	3 33	1 2	23 30	5 6	20 26	1 8	7 4	1 0	22 53	0 15	23 24	0 6	3 20	1 21	24 6	5 11	21 46	21 54	15 19	14 10	6 50									
T 4	4 20	9 19	4 54	4 19	0 56	23 45	5 10	20 18	1 9	7 0	1 1	22 53	0 15	23 24	0 6	3 21	1 21	24 6	5 11	21 45	21 54	15 17	14 9	6 51									
W 5	4 44	5 1	5 4	5 5	0 50	24 0	5 15	20 11	1 10	6 55	1 1	22 53	0 15	23 24	0 6	3 21	1 21	24 6	5 11	21 44	21 53	15 15	14 7	6 52									
T 6	5 7	0 27	5 1	5 49	0 43	24 14	5 19	20 4	1 11	6 51	1 1	22 53	0 15	23 24	0 6	3 22	1 21	24 6	5 11	21 42	21 53	15 13	14 6	6 52									
F 7	5 30	4s13	4 44	6 34	0 37	24 27	5 23	19 56	1 12	6 46	1 1	22 53	0 15	23 24	0 6	3 23	1 21	24 6	5 12	21 41	21 53	15 11	14 5	6 53									
S 8	5 53	8 48	4 12	7 18	0 30	24 40	5 28	19 49	1 13	6 41	1 1	22 53	0 15	23 24	0 6	3 23	1 21	24 6	5 12	21 39	21 52	15 9	14 4	6 54									
S 9	6 16	13 3	3 26	8 1	0 24	24 53	5 31	19 41	1 15	6 37	1 1	22 53	0 15	23 24	0 6	3 24	1 21	24 6	5 12	21 38	21 52	15 7	14 2	6 54									
M10	6 39	16 46	2 29	8 44	0 17	25 4	5 35	19 33	1 16	6 32	1 1	22 52	0 15	23 24	0 6	3 24	1 21	24 6	5 12	21 37	21 51	15 5	14 1	6 55									
T 11	7 2	19 38	1 23	9 27	0 10	25 15	5 39	19 26	1 17	6 28	1 1	22 52	0 15	23 24	0 6	3 25	1 21	24 6	5 12	21 36	21 51	15 3	14 0	6 56									
W12	7 24	21 27	0 10	10 9	0 4	25 26	5 42	19 18	1 18	6 23	1 1	22 52	0 14	23 24	0 6	3 25	1 21	24 6	5 13	21 36	21 50	15 1	13 59	6 56									
T 13	7 47	22 0	1n 3	10 50	0s 3	25 36	5 45	19 10	1 19	6 19	1 2	22 52	0 14	23 24	0 6	3 26	1 21	24 6	5 13	21 36	21 50	14 59	13 58	6 57									
F 14	8 9	21 12	2 14	11 30	0 10	25 45	5 48	19 2	1 20	6 14	1 2	22 52	0 14	23 24	0 7	3 27	1 21	24 6	5 13	21 36	21 49	14 57	13 56	6 58									
S 15	8 32	19 6	3 18	12 10	0 17	25 54	5 51	18 54	1 21	6 10	1 2	22 52	0 14	23 24	0 7	3 27	1 21	24 6	5 13	21 37	21 49	14 55	13 55	6 59									
S 16	8 54	15 49	4 10	12 49	0 24	26 1	5 53	18 46	1 22	6 5	1 2	22 52	0 14	23 24	0 7	3 28	1 21	24 7	5 14	21 37	21 48	14 53	13 54	6 59									
M17	9 16	11 36	4 47	13 28	0 31	26 9	5 55	18 38	1 23	6 1	1 2	22 52	0 14	23 24	0 7	3 28	1 21	24 7	5 14	21 36	21 48	14 50	13 53	7 0									
T 18	9 38	6 44	5 7	14 6	0 37	26 15	5 57	18 30	1 24	5 56	1 2	22 52	0 14	23 24	0 7	3 29	1 21	24 7	5 14	21 36	21 47	14 48	13 52	7 1									
W19	10 0	1 29	5 7	14 43	0 44	26 21	5 59	18 22	1 25	5 52	1 2	22 51	0 14	23 24	0 7	3 29	1 21	24 7	5 14	21 35	21 47	14 46	13 51	7 1									
T 20	10 21	3n49	4 49	15 19	0 51	26 26	6 0	18 14	1 26	5 48	1 3	22 51	0 14	23 24	0 7	3 30	1 21	24 7	5 14	21 34	21 46	14 44	13 50	7 2									
F 21	10 43	8 51	4 13	15 54	0 57	26 30	6 1	18 5	1 27	5 43	1 3	22 51	0 14	23 23	0 7	3 30	1 21	24 7	5 15	21 32	21 46	14 42	13 49	7 3									
S 22	11 4	13 22	3 22	16 29	1 4	26 33	6 1	17 57	1 28	5 39	1 3	22 51	0 13	23 23	0 7	3 31	1 21	24 7	5 15	21 32	21 45	14 40	13 48	7 4									
S 23	11 26	17 4	2 21	17 3	1 10	26 36	6 2	17 49	1 30	5 35	1 3	22 51	0 13	23 23	0 7	3 31	1 21	24 7	5 15	21 31	21 45	14 38	13 47	7 4									
M24	11 47	19 48	1 14	17 36	1 17	26 37	6 1	17 41	1 31	5 31	1 3	22 50	0 13	23 23	0 7	3 32	1 21	24 7	5 15	21 30	21 44	14 36	13 46	7 5									
T 25	12 7	21 26	0 4	18 8	1 23	26 38	6 1	17 32	1 32	5 26	1 3	22 50	0 13	23 23	0 7	3 32	1 21	24 7	5 15	21 30	21 44	14 34	13 45	7 6									
W26	12 28	21 56	1s 4	18 39	1 29	26 38	5 59	17 24	1 33	5 22	1 3	22 50	0 13	23 23	0 7	3 33	1 21	24 8	5 16	21 30	21 43	14 32	13 44	7 6									
T 27	12 49	21 21	2 8	19 9	1 35	26 37	5 58	17 16	1 34	5 18	1 4	22 50	0 13	23 23	0 7	3 33	1 21	24 8	5 16	21 31	21 43	14 30	13 43	7 7									
F 28	13 9	19 46	3 5	19 39	1 40	26 35	5 55	17 7	1 35	5 14	1 4	22 50	0 13	23 23	0 7	3 34	1 21	24 8	5 16	21 31	21 42	14 28	13 42	7 8									
S 29	13 29	17 21	3 53	20 7	1 46	26 32	5 53	16 59	1 36	5 10	1 4	22 49	0 13	23 23	0 7	3 34	1 21	24 8	5 16	21 31	21 42	14 26	13 41	7 9									
S 30	13 49	14 13	4 31	20 34	1 51	26 28	5 49	16 50	1 38	5 6	1 4	22 49	0 13	23 23	0 7	3 35	1 21	24 8	5 16	21 31	21 41	14 24	13 40	7 9									
M31	14s 8	10n32	4s58	21s 1	1s57	26s22	5s45	16n42	1n39	5n 2	1n 4	22s49	0n13	23n23	0n 7	3s35	1s21	24n 8	5n17	21s31	21s41	14n21	13n39	7s10									

ASTRODIENST EPHEMERIS for the year 1695
geocentric

NOVEMBER 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 52	8♉49'40	0♈40	26♉45	2°R32	19♉33	19♈59	11♈4	22°R32	24°R 5	5♉ 6	6°R59	7♈56	6♉50	27♈34	T 1
W 2	2 45 49	9°49'53	12°49	28°10	2♈21	20° 3	20° 9	11° 8	22♈30	24°R 4	5° 6	6♈56	7°53	6°57	27°35	W 2
T 3	2 49 45	10°50'09	25°12	29°35	2° 7	20°33	20°20	11°13	22°28	24° 3	5° 7	6°52	7°50	7° 4	27°35	T 3
F 4	2 53 42	11°50'26	7♉51	0♈58	1°50	21° 3	20°30	11°17	22°26	24° 2	5° 7	6°48	7°47	7°11	27°36	F 4
S 5	2 57 38	12°50'45	20°50	2°21	1°32	21°32	20°40	11°22	22°25	24° 1	5° 7	6°44	7°44	7°17	27°36	S 5
S 6	3 1 35	13°51'06	4♉ 7	3°42	1°11	22° 2	20°50	11°27	22°23	24° 0	5°R 7	6°41	7°41	7°24	27°37	S 6
M 7	3 5 31	14°51'29	17°41	5° 3	0°47	22°31	21° 0	11°32	22°21	23°59	5° 7	6°39	7°37	7°31	27°37	M 7
T 8	3 9 28	15°51'54	1♈30	6°23	0°22	23° 0	21°10	11°37	22°19	23°58	5° 7	6°D38	7°34	7°37	27°37	T 8
W 9	3 13 24	16°52'20	15°31	7°41	29♉55	23°28	21°20	11°42	22°17	23°58	5° 6	6°38	7°31	7°44	27°R37	W 9
T 10	3 17 21	17°52'48	29°41	8°58	29°26	23°57	21°29	11°47	22°15	23°57	5° 6	6°39	7°28	7°51	27°37	T 10
F 11	3 21 18	18°53'17	13♈55	10°13	28°55	24°25	21°39	11°52	22°13	23°56	5° 6	6°40	7°25	7°58	27°37	F 11
S 12	3 25 14	19°53'47	28°11	11°27	28°23	24°53	21°49	11°57	22°11	23°55	5° 6	6°41	7°21	8° 4	27°37	S 12
S 13	3 29 11	20°54'19	12♈25	12°39	27°50	25°20	21°58	12° 2	22° 9	23°54	5° 6	6°42	7°18	8°11	27°36	S 13
M14	3 33 7	21°54'51	26°35	13°48	27°15	25°48	22° 7	12° 7	22° 7	23°54	5° 6	6°R42	7°15	8°18	27°36	M14
T 15	3 37 4	22°55'25	10♈40	14°55	26°40	26°15	22°16	12°13	22° 5	23°53	5° 5	6°42	7°12	8°24	27°35	T 15
W16	3 41 0	23°56'01	24°37	15°58	26° 4	26°42	22°25	12°18	22° 3	23°52	5° 5	6°40	7° 9	8°31	27°35	W16
T 17	3 44 57	24°56'37	8♈24	16°59	25°27	27° 9	22°34	12°24	22° 1	23°52	5° 5	6°39	7° 6	8°38	27°34	T 17
F 18	3 48 53	25°57'15	22° 1	17°56	24°51	27°35	22°43	12°29	21°58	23°51	5° 5	6°37	7° 2	8°44	27°33	F 18
S 19	3 52 50	26°57'53	5♉25	18°48	24°15	28° 2	22°52	12°35	21°56	23°51	5° 4	6°36	6°59	8°51	27°32	S 19
S 20	3 56 47	27°58'34	18°35	19°36	23°39	28°28	23° 0	12°41	21°54	23°50	5° 4	6°35	6°56	8°58	27°31	S 20
M21	4 0 43	28°59'15	1♈30	20°18	23° 3	28°53	23° 9	12°46	21°52	23°50	5° 3	6°D35	6°53	9° 5	27°30	M21
T 22	4 4 40	29°59'58	14°11	20°54	22°29	29°19	23°17	12°52	21°49	23°49	5° 3	6°35	6°50	9°11	27°28	T 22
W23	4 8 36	1♈ 0'43	26°37	21°23	21°55	29°44	23°25	12°58	21°47	23°49	5° 3	6°35	6°46	9°18	27°27	W23
T 24	4 12 33	2° 1'28	8♉50	21°44	21°23	0♈ 9	23°34	13° 4	21°45	23°48	5° 2	6°36	6°43	9°25	27°26	T 24
F 25	4 16 29	3° 2'15	20°53	21°57	20°53	0°33	23°42	13°10	21°42	23°48	5° 2	6°36	6°40	9°31	27°24	F 25
S 26	4 20 26	4° 3'04	2♉48	22°R 0	20°24	0°58	23°49	13°16	21°40	23°48	5° 1	6°37	6°37	9°38	27°22	S 26
S 27	4 24 22	5° 3'54	14°39	21°53	19°57	1°22	23°57	13°22	21°37	23°47	5° 0	6°37	6°34	9°45	27°21	S 27
M28	4 28 19	6° 4'45	26°31	21°36	19°33	1°45	24° 5	13°28	21°35	23°47	5° 0	6°37	6°31	9°52	27°19	M28
T 29	4 32 16	7° 5'38	8♈28	21° 8	19°10	2° 9	24°12	13°34	21°33	23°47	4°59	6°37	6°27	9°58	27°17	T 29
W30	4 36 12	8♈ 6'32	20♈35	20♈28	18♉50	2♈32	24♈19	13♈40	21♈30	23♈47	4♉59	6♈37	6♈24	10♉ 5	27♈15	W30

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
T 1	14s28	6n24	5s12	21s26	2s 2	26s16	5s41	16n34	1n40	4n58	1n 4	22s49	0n13	23n23	0n 7	3s35	1s21	24n 8	5n17	21s31	21s40	14n19	13n38	7s11					
W 2	14 47	1 58	5 12	21 50	2 6	26 9	5 36	16 25	1 41	4 54	1 5	22 48	0 12	23 23	0 7	3 36	1 21	24 9	5 17	21 30	21 40	14 17	13 37	7 12					
T 3	15 6	2s38	4 58	22 13	2 11	26 0	5 30	16 17	1 42	4 50	1 5	22 48	0 12	23 23	0 7	3 36	1 21	24 9	5 17	21 30	21 39	14 15	13 36	7 12					
F 4	15 25	7 14	4 29	22 35	2 15	25 51	5 24	16 8	1 44	4 46	1 5	22 48	0 12	23 23	0 7	3 36	1 21	24 9	5 18	21 29	21 39	14 13	13 36	7 13					
S 5	15 43	11 38	3 46	22 56	2 19	25 40	5 17	16 0	1 45	4 42	1 5	22 47	0 12	23 22	0 7	3 37	1 21	24 9	5 18	21 28	21 38	14 11	13 35	7 14					
S 6	16 1	15 34	2 50	23 16	2 22	25 28	5 9	15 52	1 46	4 38	1 5	22 47	0 12	23 22	0 7	3 37	1 21	24 9	5 18	21 28	21 38	14 9	13 34	7 14					
M 7	16 19	18 46	1 43	23 34	2 26	25 15	5 1	15 43	1 47	4 35	1 6	22 47	0 12	23 22	0 7	3 38	1 21	24 10	5 18	21 27	21 37	14 7	13 33	7 15					
T 8	16 37	20 57	0 28	23 51	2 29	25 0	4 51	15 35	1 49	4 31	1 6	22 46	0 12	23 22	0 7	3 38	1 21	24 10	5 18	21 27	21 36	14 5	13 33	7 16					
W 9	16 54	21 53	0n49	24 7	2 31	24 45	4 42	15 27	1 50	4 27	1 6	22 46	0 12	23 22	0 7	3 38	1 21	24 10	5 19	21 27	21 36	14 3	13 32	7 17					
T 10	17 11	21 25	2 4	24 21	2 33	24 28	4 31	15 19	1 51	4 24	1 6	22 46	0 12	23 22	0 7	3 38	1 21	24 10	5 19	21 27	21 35	14 0	13 31	7 17					
F 11	17 28	19 34	3 12	24 34	2 35	24 11	4 20	15 10	1 53	4 20	1 6	22 45	0 12	23 22	0 7	3 39	1 21	24 11	5 19	21 27	21 35	13 58	13 30	7 18					
S 12	17 44	16 31	4 8	24 46	2 36	23 52	4 8	15 2	1 54	4 16	1 6	22 45	0 12	23 22	0 7	3 39	1 20	24 11	5 19	21 28	21 34	13 56	13 30	7 19					
S 13	18 1	12 29	4 48	24 56	2 36	23 32	3 56	14 54	1 55	4 13	1 7	22 45	0 11	23 22	0 7	3 39	1 20	24 11	5 19	21 28	21 34	13 54	13 29	7 20					
M14	18 16	7 47	5 11	25 4	2 36	23 12	3 43	14 46	1 56	4 9	1 7	22 44	0 11	23 22	0 7	3 40	1 20	24 11	5 20	21 28	21 33	13 52	13 29	7 20					
T 15	18 32	2 43	5 16	25 12	2 35	22 50	3 30	14 38	1 58	4 6	1 7	22 44	0 11	23 21	0 7	3 40	1 20	24 12	5 20	21 28	21 33	13 50	13 28	7 21					
W16	18 47	2n28	5 1	25 17	2 34	22 28	3 16	14 30	1 59	4 2	1 7	22 43	0 11	23 21	0 7	3 40	1 20	24 12	5 20	21 28	21 32	13 48	13 27	7 22					
T 17	19 2	7 28	4 29	25 21	2 31	22 6	3 2	14 22	2 1	3 59	1 8	22 43	0 11	23 21	0 7	3 40	1 20	24 12	5 20	21 27	21 32	13 46	13 27	7 22					
F 18	19 17	12 2	3 43	25 23	2 28	21 42	2 47	14 14	2 2	3 56	1 8	22 42	0 11	23 21	0 7	3 40	1 20	24 12	5 21	21 27	21 31	13 44	13 26	7 23					
S 19	19 31	15 56	2 44	25 24	2 24	21 19	2 32	14 6	2 3	3 53	1 8	22 42	0 11	23 21	0 7	3 41	1 20	24 13	5 21	21 27	21 31	13 41	13 26	7 24					
S 20	19 44	18 57	1 38	25 23	2 19	20 55	2 17	13 59	2 5	3 49	1 8	22 42	0 11	23 21	0 7	3 41	1 20	24 13	5 21	21 27	21 30	13 39	13 25	7 24					
M21	19 58	20 57	0 28	25 20	2 13	20 31	2 1	13 51	2 6	3 46	1 8	22 41	0 11	23 21	0 7	3 41	1 20	24 13	5 21	21 27	21 30	13 37	13 25	7 25					
T 22	20 11	21 51	0s42	25 16	2 6	20 7	1 46	13 43	2 8	3 43	1 9	22 41	0 11	23 21	0 7	3 41	1 20	24 14	5 21	21 27	21 29	13 35	13 24	7 26					
W23	20 24	21 37	1 49	25 9	1 58	19 44	1 30	13 36	2 9	3 40	1 9	22 40	0 11	23 20	0 7	3 41	1 20	24 14	5 22	21 27	21 29	13 33	13 24	7 26					
T 24	20 36	20 22	2 50	25 1	1 48	19 20	1 15	13 28	2 10	3 37	1 9	22 40	0 10	23 20	0 7	3 41	1 20	24 14	5 22	21 27	21 28	13 31	13 24	7 27					
F 25	20 48	18 12	3 42	24 50	1 37	18 57	0 59	13 21	2 12	3 34	1 9	22 39	0 10	23 20	0 7	3 41	1 20	24 15	5 22	21 27	21 27	13 29	13 23	7 28					
S 26	20 59	15 17	4 24	24 38	1 24	18 35	0 44	13 14	2 13	3 31	1 9	22 39	0 10	23 20	0 7	3 42	1 20	24 15	5 22	21 27	21 27	13 27	13 23	7 28					
S 27	21 11	11 46	4 55	24 23	1 10	18 13	0 28	13 6	2 15	3 28	1 10	22 38	0 10	23 20	0 7	3 42	1 20	24 15	5 22	21 27	21 26	13 24	13 23	7 29					
M28	21 21	7 48	5 13	24 7	0 54	17 52	0 14	12 59	2 16	3 26	1 10	22 38	0 10	23 20	0 7	3 42	1 20	24 16	5 23	21 27	21 26	13 22	13 22	7 30					
T 29	21 32	3 30	5 17	23 48	0 37	17 32	0 11	12 52	2 18	3 23	1 10	22 37	0 10	23 20	0 7	3 42	1 20	24 16	5 23	21 27	21 25	13 20	13 22	7 30					
W30	21s42	0s59	5s 8	23s27	0s19	17s12	0n15	12n45	2n19	3n20	1n10	22s37	0n10	23n19	0n 7	3s42	1s20	24n16	5n23	21s27	21s25	13n18	13n22	7s31					

ASTRODIENST EPHEMERIS for the year 1695

geocentric

DECEMBER 1695 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 40 9	9♂ 7'27	2♂57	19°R37	18°R32	2♂55	24♂27	13♂46	21°R28	23°R47	4°R58	6♂37	6♂21	10♂12	27°R13	T 1
F 2	4 44 5	10° 8'24	15°37	18♂37	18♂16	3°17	24°34	13°53	21♂25	23♂46	4♂57	6°37	6°18	10°18	27♂11	F 2
S 3	4 48 2	11° 9'21	28°38	17°27	18° 3	3°39	24°41	13°59	21°23	23°46	4°57	6°38	6°15	10°25	27° 8	S 3
S 4	4 51 58	12°10'21	12♂ 3	16°11	17°52	4° 1	24°47	14° 5	21°20	23°46	4°56	6°38	6°12	10°32	27° 6	S 4
M 5	4 55 55	13°11'21	25°52	14°50	17°44	4°22	24°54	14°12	21°18	23°D46	4°55	6°39	6° 8	10°39	27° 3	M 5
T 6	4 59 51	14°12'22	10♂ 2	13°27	17°38	4°43	25° 0	14°18	21°15	23°46	4°54	6°R39	6° 5	10°45	27° 1	T 6
W 7	5 3 48	15°13'24	24°29	12° 5	17°35	5° 3	25° 7	14°25	21°12	23°46	4°54	6°38	6° 2	10°52	26°58	W 7
T 8	5 7 45	16°14'27	9♂ 8	10°46	17°D34	5°23	25°13	14°31	21°10	23°46	4°53	6°38	5°59	10°59	26°56	T 8
F 9	5 11 41	17°15'31	23°52	9°34	17°36	5°43	25°19	14°38	21° 7	23°47	4°52	6°36	5°56	11° 5	26°53	F 9
S 10	5 15 38	18°16'35	8♂33	8°30	17°40	6° 3	25°25	14°44	21° 5	23°47	4°51	6°35	5°52	11°12	26°50	S 10
S 11	5 19 34	19°17'39	23° 6	7°35	17°46	6°21	25°30	14°51	21° 2	23°47	4°50	6°34	5°49	11°19	26°47	S 11
M12	5 23 31	20°18'44	7♂26	6°51	17°55	6°40	25°36	14°57	21° 0	23°47	4°49	6°33	5°46	11°25	26°44	M12
T 13	5 27 27	21°19'49	21°30	6°18	18° 6	6°58	25°41	15° 4	20°57	23°47	4°48	6°D32	5°43	11°32	26°41	T 13
W14	5 31 24	22°20'55	5♂17	5°56	18°19	7°16	25°46	15°11	20°54	23°48	4°48	6°33	5°40	11°39	26°38	W14
T 15	5 35 20	23°22'00	18°47	5°45	18°34	7°33	25°51	15°18	20°52	23°48	4°47	6°34	5°37	11°46	26°34	T 15
F 16	5 39 17	24°23'06	2♂ 1	5°D44	18°51	7°50	25°56	15°24	20°49	23°48	4°46	6°35	5°33	11°52	26°31	F 16
S 17	5 43 14	25°24'13	15° 1	5°52	19°11	8° 6	26° 1	15°31	20°47	23°49	4°45	6°37	5°30	11°59	26°28	S 17
S 18	5 47 10	26°25'19	27°47	6° 9	19°32	8°22	26° 6	15°38	20°44	23°49	4°44	6°38	5°27	12° 6	26°24	S 18
M19	5 51 7	27°26'26	10♂21	6°34	19°55	8°37	26°10	15°45	20°42	23°50	4°43	6°R38	5°24	12°12	26°21	M19
T 20	5 55 3	28°27'34	22°45	7° 7	20°20	8°52	26°14	15°52	20°39	23°50	4°41	6°37	5°21	12°19	26°17	T 20
W21	5 59 0	29°28'41	4♂59	7°45	20°47	9° 6	26°18	15°58	20°37	23°51	4°40	6°35	5°18	12°26	26°13	W21
T 22	6 2 56	0♂29'49	17° 5	8°30	21°15	9°20	26°22	16° 5	20°34	23°51	4°39	6°31	5°14	12°33	26°10	T 22
F 23	6 6 53	1°30'57	29° 3	9°19	21°45	9°33	26°26	16°12	20°32	23°52	4°38	6°27	5°11	12°39	26° 6	F 23
S 24	6 10 50	2°32'06	10♂57	10°13	22°17	9°46	26°29	16°19	20°29	23°53	4°37	6°22	5° 8	12°46	26° 2	S 24
S 25	6 14 46	3°33'15	22°48	11°11	22°50	9°58	26°33	16°26	20°27	23°53	4°36	6°18	5° 5	12°53	25°58	S 25
M26	6 18 43	4°34'24	4♂40	12°13	23°24	10°10	26°36	16°33	20°24	23°54	4°35	6°14	5° 2	12°59	25°54	M26
T 27	6 22 39	5°35'34	16°36	13°17	24° 0	10°21	26°39	16°40	20°22	23°55	4°34	6°11	4°58	13° 6	25°50	T 27
W28	6 26 36	6°36'43	28°40	14°25	24°38	10°31	26°42	16°47	20°19	23°56	4°32	6° 9	4°55	13°13	25°46	W28
T 29	6 30 32	7°37'54	10♂56	15°35	25°16	10°41	26°44	16°54	20°17	23°56	4°31	6°D 9	4°52	13°20	25°42	T 29
F 30	6 34 29	8°39'04	23°30	16°47	25°56	10°50	26°47	17° 1	20°14	23°57	4°30	6° 9	4°49	13°26	25°38	F 30
S 31	6 38 25	9♂40'15	6♂26	18♂ 1	26♂37	10♂59	26♂49	17♂ 8	20♂12	23♂58	4♂29	6♂11	4♂46	13♂33	25♂34	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s51	5s31	4s45	23s 4	0s 0	16s54	0n29	12n39	2n21	3n17	1n11	22s36	0n10	23n19	0n 7	3s32
F 2	22 0	9 57	4 7	22 39	0n20	16 36	0 43	12 32	2 22	3 15	1 11	22 35	0 10	23 19	0 7	3 32
S 3	22 9	14 3	3 16	22 13	0 40	16 20	0 56	12 25	2 24	3 12	1 11	22 35	0 10	23 19	0 7	3 33
S 4	22 17	17 34	2 12	21 45	1 1	16 5	1 9	12 19	2 26	3 10	1 11	22 34	0 10	23 19	0 7	3 33
M 5	22 25	20 13	1 0	21 17	1 20	15 51	1 21	12 12	2 27	3 8	1 12	22 34	0 10	23 19	0 7	3 34
T 6	22 32	21 41	0n19	20 49	1 39	15 38	1 33	12 6	2 29	3 5	1 12	22 33	0 9	23 18	0 7	3 35
W 7	22 39	21 44	1 37	20 22	1 56	15 26	1 45	12 0	2 30	3 3	1 12	22 32	0 9	23 18	0 7	3 36
T 8	22 46	20 20	2 51	19 56	2 11	15 15	1 56	11 54	2 32	3 1	1 12	22 32	0 9	23 18	0 7	3 37
F 9	22 52	17 33	3 53	19 33	2 24	15 6	2 6	11 49	2 34	2 59	1 13	22 31	0 9	23 18	0 7	3 38
S 10	22 58	13 39	4 40	19 12	2 35	14 57	2 16	11 43	2 35	2 56	1 13	22 31	0 9	23 18	0 7	3 39
S 11	23 3	8 59	5 8	18 55	2 43	14 50	2 25	11 37	2 37	2 54	1 13	22 30	0 9	23 18	0 7	3 40
M12	23 7	3 54	5 16	18 42	2 49	14 44	2 34	11 32	2 39	2 52	1 13	22 29	0 9	23 18	0 7	3 41
T 13	23 12	1n18	5 6	18 33	2 53	14 38	2 43	11 27	2 40	2 51	1 14	22 29	0 9	23 17	0 7	3 42
W14	23 15	6 21	4 38	18 27	2 55	14 34	2 51	11 22	2 42	2 49	1 14	22 28	0 9	23 17	0 7	3 43
T 15	23 19	10 59	3 55	18 25	2 55	14 31	2 59	11 17	2 44	2 47	1 14	22 27	0 9	23 17	0 7	3 44
F 16	23 21	15 0	3 0	18 26	2 54	14 29	3 6	11 13	2 46	2 45	1 14	22 27	0 9	23 17	0 7	3 45
S 17	23 24	18 13	1 57	18 30	2 51	14 28	3 12	11 8	2 47	2 44	1 15	22 26	0 9	23 17	0 7	3 46
S 18	23 26	20 29	0 49	18 37	2 47	14 27	3 19	11 4	2 49	2 42	1 15	22 25	0 9	23 17	0 7	3 47
M19	23 27	21 42	0s21	18 46	2 43	14 28	3 25	11 0	2 51	2 41	1 15	22 24	0 8	23 16	0 7	3 48
T 20	23 28	21 49	1 28	18 57	2 37	14 29	3 30	10 56	2 53	2 39	1 15	22 24	0 8	23 16	0 7	3 49
W21	23 29	20 53	2 30	19 10	2 31	14 31	3 35	10 52	2 55	2 38	1 16	22 23	0 8	23 16	0 7	3 50
T 22	23 29	19 0	3 24	19 23	2 24	14 34	3 40	10 48	2 57	2 36	1 16	22 22	0 8	23 16	0 7	3 51
F 23	23 28	16 19	4 9	19 38	2 16	14 37	3 44	10 45	2 58	2 35	1 16	22 21	0 8	23 16	0 7	3 52
S 24	23 27	12 58	4 43	19 54	2 9	14 41	3 48	10 42	3 0	2 34	1 17	22 21	0 8	23 16	0 7	3 53
S 25	23 26	9 8	5 4	20 10	2 1	14 46	3 52	10 39	3 2	2 33	1 17	22 20	0 8	23 15	0 7	3 54
M26	23 24	4 57	5 13	20 26	1 53	14 51	3 55	10 36	3 4	2 32	1 17	22 19	0 8	23 15	0 7	3 55
T 27	23 22	0 34	5 8	20 42	1 44	14 57	3 58	10 34	3 6	2 31	1 17	22 18	0 8	23 15	0 7	3 56
W28	23 19	3s53	4 49	20 59	1 36	15 3	4 1	10 32	3 8	2 30	1 18	22 18	0 8	23 15	0 7	3 57
T 29	23 15	8 17	4 17	21 15	1 27	15 10	4 3	10 30	3 10	2 29	1 18	22 17	0 8	23 15	0 7	3 58
F 30	23 12	12 26	3 32	21 31	1 19	15 18	4 6	10 28	3 12	2 29	1 18	22 16	0 8	23 14	0 7	3 59
S 31	23s 7	16s 8	2s36	21s46	1n10	15s25	4n 7	10n27	3n14	2n28	1n18	22s15	0n 8	23n14	0n 7	3s36

Julian Day Number = 2340480.5, Delta T = 15.82 sec
 Ecliptic obliquity = 23°28'40, Nutation = 0°00'15, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°29'44, Lahiri = 19°36'44Greg. Calendar