



Astrodienst Ephemeris Tables for the year 1675

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 1675

geocentric

JANUARY 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 42	10°34'46	6°18'0	27°R10	21°40	15°16	8°4	21°33	22°33	8°29	6°R27	20°23	20°52	29°11	24°27	T 1
W 2	6 46 39	11°48'57	17°58	26°32	22°12	15°27	8°16	21°34	22°35	8°31	6°26	20°24	20°49	29°18	24°28	W 2
T 3	6 50 36	12°50'08	29°50	26°5	22°43	15°38	8°29	21°35	22°36	8°33	6°24	20°24	20°46	29°24	24°30	T 3
F 4	6 54 32	13°51'17	11°42	25°48	23°12	15°50	8°41	21°36	22°38	8°35	6°23	20°R25	20°43	29°31	24°31	F 4
S 5	6 58 29	14°52'27	23°38	25°D40	23°39	16°3	8°53	21°38	22°40	8°37	6°22	20°25	20°39	29°38	24°33	S 5
S 6	7 2 25	15°53'36	5°44	25°41	24°4	16°16	9°5	21°39	22°41	8°40	6°21	20°24	20°36	29°45	24°35	S 6
M 7	7 6 22	16°54'44	18°3	25°51	24°28	16°30	9°17	21°41	22°43	8°42	6°19	20°24	20°33	29°51	24°37	M 7
T 8	7 10 18	17°55'52	0°14	26°8	24°50	16°44	9°29	21°42	22°45	8°44	6°18	20°23	20°30	29°58	24°38	T 8
W 9	7 14 15	18°56'59	13°36	26°32	25°10	16°59	9°41	21°44	22°47	8°46	6°17	20°23	20°27	0°5	24°40	W 9
T 10	7 18 11	19°58'06	26°54	27°2	25°27	17°14	9°53	21°46	22°49	8°48	6°16	20°D23	20°24	0°11	24°42	T 10
F 11	7 22 8	20°59'12	10°33	27°39	25°43	17°30	10°5	21°48	22°51	8°50	6°15	20°23	20°20	0°18	24°44	F 11
S 12	7 26 5	22°0'17	24°31	28°20	25°57	17°46	10°16	21°50	22°53	8°53	6°13	20°R23	20°17	0°25	24°46	S 12
S 13	7 30 1	23°1'22	8°46	29°6	26°8	18°3	10°28	21°52	22°55	8°55	6°12	20°23	20°14	0°32	24°48	S 13
M14	7 33 58	24°2'26	23°11	29°56	26°17	18°20	10°39	21°54	22°57	8°57	6°11	20°23	20°11	0°38	24°51	M14
T 15	7 37 54	25°3'30	7°41	0°50	26°24	18°38	10°51	21°57	22°59	8°59	6°10	20°22	20°8	0°45	24°53	T 15
W16	7 41 51	26°4'34	22°11	1°48	26°28	18°56	11°2	21°59	23°1	9°1	6°9	20°22	20°4	0°52	24°55	W16
T 17	7 45 47	27°5'36	6°37	2°48	26°R30	19°14	11°14	22°2	23°4	9°4	6°8	20°21	20°1	0°58	24°57	T 17
F 18	7 49 44	28°6'39	20°53	3°51	26°29	19°33	11°25	22°4	23°6	9°6	6°6	20°21	19°58	1°5	24°59	F 18
S 19	7 53 40	29°7'41	4°58	4°57	26°27	19°53	11°36	22°7	23°8	9°8	6°5	20°D21	19°55	1°12	25°2	S 19
S 20	7 57 37	0°8'42	18°50	6°5	26°21	20°13	11°47	22°10	23°10	9°10	6°4	20°21	19°52	1°19	25°4	S 20
M21	8 1 34	1°9'44	2°28	7°15	26°13	20°33	11°58	22°13	23°13	9°13	6°3	20°22	19°49	1°25	25°7	M21
T 22	8 5 30	2°10'44	15°53	8°27	26°3	20°53	12°9	22°16	23°15	9°15	6°2	20°23	19°45	1°32	25°9	T 22
W23	8 9 27	3°11'44	29°4	9°41	25°50	21°14	12°20	22°19	23°18	9°17	6°1	20°24	19°42	1°39	25°12	W23
T 24	8 13 23	4°12'43	12°3	10°56	25°34	21°35	12°30	22°23	23°20	9°19	6°0	20°25	19°39	1°45	25°14	T 24
F 25	8 17 20	5°13'41	24°49	12°13	25°16	21°57	12°41	22°26	23°23	9°22	5°59	20°R25	19°36	1°52	25°17	F 25
S 26	8 21 16	6°14'38	7°23	13°32	24°56	22°19	12°51	22°30	23°25	9°24	5°58	20°24	19°33	1°59	25°19	S 26
S 27	8 25 13	7°15'34	19°46	14°51	24°33	22°41	13°2	22°33	23°28	9°26	5°57	20°23	19°30	2°6	25°22	S 27
M28	8 29 10	8°16'29	1°57	16°12	24°9	23°4	13°12	22°37	23°30	9°29	5°56	20°20	19°26	2°12	25°25	M28
T 29	8 33 6	9°17'23	14°0	17°34	23°42	23°27	13°22	22°41	23°33	9°31	5°55	20°17	19°23	2°19	25°28	T 29
W30	8 37 3	10°18'15	25°57	18°57	23°13	23°50	13°33	22°44	23°36	9°33	5°54	20°14	19°20	2°26	25°30	W30
T 31	8 40 59	11°19'06	7°49	20°31	22°42	24°14	13°43	22°48	23°38	9°35	5°53	20°10	19°17	2°32	25°33	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23s 3	5s48	3n47	20s12	3n15	13s52	0n28	18n13	1n51	21s 3	0n39	6n 3	2s33	3s39	0s44	18s13
W 2	22 57	0 39	4 28	20 12	3 14	13 32	0 38	18 17	1 52	21 5	0 39	6 4	2 33	3 38	0 44	18 12
T 3	22 52	4n28	4 57	20 14	3 12	13 12	0 49	18 21	1 53	21 7	0 39	6 4	2 33	3 37	0 44	18 11
F 4	22 46	9 26	5 13	20 17	3 8	12 52	1 0	18 25	1 53	21 9	0 39	6 5	2 32	3 37	0 44	18 11
S 5	22 39	14 5	5 17	20 23	3 2	12 32	1 11	18 29	1 54	21 11	0 39	6 6	2 32	3 36	0 44	18 10
S 6	22 32	18 15	5 6	20 29	2 56	12 13	1 23	18 33	1 54	21 12	0 39	6 7	2 32	3 35	0 44	18 10
M 7	22 25	21 44	4 41	20 37	2 48	11 54	1 35	18 38	1 54	21 14	0 39	6 7	2 31	3 34	0 44	18 9
T 8	22 17	24 16	4 2	20 45	2 40	11 35	1 47	18 42	1 55	21 16	0 39	6 8	2 31	3 34	0 44	18 9
W 9	22 8	25 37	3 10	20 55	2 32	11 17	1 59	18 47	1 55	21 18	0 39	6 9	2 31	3 33	0 44	18 8
T 10	22 0	25 33	2 7	21 4	2 23	10 59	2 12	18 51	1 56	21 20	0 39	6 10	2 30	3 32	0 44	18 8
F 11	21 50	23 58	0 54	21 14	2 13	10 42	2 25	18 56	1 56	21 21	0 39	6 11	2 30	3 31	0 44	18 7
S 12	21 41	20 53	0s23	21 24	2 4	10 25	2 38	19 1	1 56	21 23	0 39	6 12	2 30	3 30	0 44	18 6
S 13	21 31	16 29	1 40	21 35	1 54	10 8	2 52	19 6	1 56	21 25	0 39	6 13	2 30	3 29	0 44	18 6
M14	21 20	11 6	2 52	21 45	1 44	9 52	3 5	19 11	1 57	21 26	0 39	6 14	2 29	3 29	0 44	18 5
T 15	21 10	5 5	3 53	21 54	1 35	9 37	3 19	19 16	1 57	21 28	0 39	6 16	2 29	3 28	0 44	18 5
W16	20 58	1s11	4 40	22 3	1 25	9 22	3 33	19 22	1 57	21 30	0 39	6 17	2 29	3 27	0 44	18 4
T 17	20 47	7 20	5 4	22 12	1 15	9 8	3 48	19 27	1 57	21 31	0 39	6 18	2 28	3 26	0 44	18 4
F 18	20 35	13 3	5 17	22 20	1 5	8 55	4 2	19 32	1 58	21 33	0 39	6 19	2 28	3 25	0 44	18 3
S 19	20 22	18 0	5 7	22 28	0 56	8 42	4 16	19 38	1 58	21 34	0 39	6 20	2 28	3 24	0 44	18 2
S 20	20 9	21 55	4 39	22 34	0 46	8 30	4 31	19 43	1 58	21 36	0 39	6 22	2 28	3 23	0 44	18 2
M21	19 56	24 32	3 55	22 40	0 37	8 19	4 46	19 49	1 58	21 37	0 39	6 23	2 27	3 22	0 44	18 1
T 22	19 43	25 43	3 0	22 45	0 28	8 9	5 0	19 54	1 58	21 39	0 39	6 25	2 27	3 21	0 44	18 1
W23	19 29	25 24	1 55	22 49	0 19	8 0	5 15	20 0	1 58	21 40	0 39	6 26	2 27	3 20	0 44	18 0
T 24	19 14	23 42	0 46	22 52	0 10	7 51	5 29	20 6	1 58	21 41	0 39	6 27	2 27	3 19	0 44	17 59
F 25	19 0	20 48	0n24	22 54	0 2	7 44	5 43	20 12	1 58	21 43	0 39	6 29	2 26	3 18	0 44	17 59
S 26	18 45	16 58	1 32	22 54	0s 7	7 37	5 57	20 17	1 58	21 44	0 39	6 31	2 26	3 17	0 44	17 58
S 27	18 29	12 28	2 35	22 54	0 15	7 31	6 11	20 23	1 58	21 45	0 39	6 32	2 26	3 16	0 44	17 58
M28	18 14	7 32	3 30	22 53	0 23	7 27	6 25	20 29	1 58	21 47	0 39	6 34	2 25	3 15	0 44	17 57
T 29	17 58	2 24	4 14	22 50	0 31	7 23	6 38	20 35	1 58	21 48	0 39	6 35	2 25	3 14	0 44	17 57
W30	17 41	2n46	4 47	22 46	0 38	7 20	6 50	20 41	1 58	21 49	0 39	6 37	2 25	3 13	0 44	17 56
T 31	17s25	7n48	5n 7	22s41	0s45	7s19	7n 2	20n47	1n58	21s50	0n39	6n39	2s25	3s12	0s44	17s55

Julian Day Number = 2332841.5, Delta T = 26.61 sec
 Ecliptic obliquity = 23°28'56, Nutation = 0°00'17, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°12'14, Lahiri = 19°19'14Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1675

geocentric

FEBRUARY 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 44 56	12 ²⁹ 19'55	19 ⁴ 40	21 ³ 47	22 ² R10	24 ⁸ 38	13 ² 52	22 ² 52	23 ⁴ 41	9 ² 38	5 ² R52	20 ² R 8	19 ² 14	2 ² Y39	25 ² 36	F 1
S 2	8 48 52	13 ² 20'44	1 ⁸ 35	23 ² 13	21 ² 36	25 ² 2	14 ² 2	22 ² 57	23 ² 44	9 ² 40	5 ² 51	20 ² 3 6	19 ² 10	2 ² 46	25 ² 39	S 2
S 3	8 52 49	14 ² 21'30	13 ² 37	24 ² 40	21 ² 2	25 ² 27	14 ² 12	23 ² 1	23 ² 47	9 ² 42	5 ² 50	20 ² D 5	19 ² 7	2 ² 53	25 ² 42	S 3
M 4	8 56 45	15 ² 22'15	25 ² 52	26 ² 8	20 ² 26	25 ² 52	14 ² 22	23 ² 5	23 ² 50	9 ² 45	5 ² 49	20 ² 6	19 ² 4	2 ² 59	25 ² 45	M 4
T 5	9 0 42	16 ² 22'59	8 ² 25	27 ² 37	19 ² 49	26 ² 17	14 ² 31	23 ² 10	23 ² 53	9 ² 47	5 ² 48	20 ² 7	19 ² 1	3 ² 6	25 ² 48	T 5
W 6	9 4 39	17 ² 23'41	21 ² 18	29 ² 7	19 ² 12	26 ² 42	14 ² 40	23 ² 14	23 ² 55	9 ² 49	5 ² 47	20 ² 9	18 ² 58	3 ² 13	25 ² 51	W 6
T 7	9 8 35	18 ² 24'21	4 ² 37	0 ² 37	18 ² 34	27 ² 7	14 ² 50	23 ² 19	23 ² 58	9 ² 51	5 ² 46	20 ² 10	18 ² 55	3 ² 19	25 ² 54	T 7
F 8	9 12 32	19 ² 25'00	18 ² 22	2 ² 9	17 ² 57	27 ² 33	14 ² 59	23 ² 23	24 ² 1	9 ² 54	5 ² 45	20 ² R11	18 ² 51	3 ² 26	25 ² 57	F 8
S 9	9 16 28	20 ² 25'37	2 ² 32	3 ² 41	17 ² 20	27 ² 59	15 ² 8	23 ² 28	24 ² 4	9 ² 56	5 ² 44	20 ² 11	18 ² 48	3 ² 33	26 ² 0	S 9
S 10	9 20 25	21 ² 26'12	17 ² 6	5 ² 15	16 ² 43	28 ² 26	15 ² 17	23 ² 33	24 ² 7	9 ² 58	5 ² 44	20 ² 8	18 ² 45	3 ² 40	26 ² 3	S 10
M 11	9 24 21	22 ² 26'46	1 ² 56	6 ² 49	16 ² 7	28 ² 52	15 ² 25	23 ² 38	24 ² 10	10 ² 0	5 ² 43	20 ² 5	18 ² 42	3 ² 46	26 ² 7	M 11
T 12	9 28 18	23 ² 27'18	16 ² 55	8 ² 24	15 ² 33	29 ² 19	15 ² 34	23 ² 43	24 ² 13	10 ² 3	5 ² 42	20 ² 0	18 ² 39	3 ² 53	26 ² 10	T 12
W 13	9 32 14	24 ² 27'49	1 ² 54	10 ² 0	14 ² 59	29 ² 46	15 ² 43	23 ² 48	24 ² 16	10 ² 5	5 ² 41	19 ² 55	18 ² 35	4 ² 0	26 ² 13	W 13
T 14	9 36 11	25 ² 28'19	16 ² 43	11 ² 37	14 ² 27	0 ² 13	15 ² 51	23 ² 53	24 ² 19	10 ² 7	5 ² 40	19 ² 50	18 ² 32	4 ² 6	26 ² 16	T 14
F 15	9 40 8	26 ² 28'47	1 ² 17	13 ² 15	13 ² 57	0 ² 40	15 ² 59	23 ² 58	24 ² 23	10 ² 9	5 ² 40	19 ² 46	18 ² 29	4 ² 13	26 ² 19	F 15
S 16	9 44 4	27 ² 29'14	15 ² 31	14 ² 54	13 ² 28	1 ² 8	16 ² 8	24 ² 3	24 ² 26	10 ² 11	5 ² 39	19 ² 44	18 ² 26	4 ² 20	26 ² 23	S 16
S 17	9 48 1	28 ² 29'40	29 ² 23	16 ² 33	13 ² 1	1 ² 36	16 ² 16	24 ² 9	24 ² 29	10 ² 14	5 ² 38	19 ² D43	18 ² 23	4 ² 27	26 ² 26	S 17
M 18	9 51 57	29 ² 30'04	12 ² 53	18 ² 14	12 ² 37	2 ² 4	16 ² 23	24 ² 14	24 ² 32	10 ² 16	5 ² 38	19 ² 44	18 ² 20	4 ² 33	26 ² 29	M 18
T 19	9 55 54	0 ² 30'28	26 ² 4	19 ² 56	12 ² 15	2 ² 32	16 ² 31	24 ² 20	24 ² 35	10 ² 18	5 ² 37	19 ² 45	18 ² 16	4 ² 40	26 ² 33	T 19
W 20	9 59 50	1 ² 30'49	8 ² 35	21 ² 38	11 ² 55	3 ² 0	16 ² 39	24 ² 25	24 ² 38	10 ² 20	5 ² 36	19 ² 47	18 ² 13	4 ² 47	26 ² 36	W 20
T 21	10 3 47	2 ² 31'09	21 ² 35	23 ² 22	11 ² 37	3 ² 29	16 ² 46	24 ² 31	24 ² 42	10 ² 22	5 ² 36	19 ² R47	18 ² 10	4 ² 54	26 ² 40	T 21
F 22	10 7 43	3 ² 31'28	4 ² 2	25 ² 6	11 ² 22	3 ² 57	16 ² 54	24 ² 37	24 ² 45	10 ² 24	5 ² 35	19 ² 46	18 ² 7	5 ² 0	26 ² 43	F 22
S 23	10 11 40	4 ² 31'45	16 ² 19	26 ² 52	11 ² 9	4 ² 26	17 ² 1	24 ² 43	24 ² 48	10 ² 27	5 ² 35	19 ² 43	18 ² 4	5 ² 7	26 ² 47	S 23
S 24	10 15 37	5 ² 32'00	28 ² 29	28 ² 39	10 ² 59	4 ² 55	17 ² 8	24 ² 48	24 ² 51	10 ² 29	5 ² 34	19 ² 37	18 ² 1	5 ² 14	26 ² 50	S 24
M 25	10 19 33	6 ² 32'13	10 ² 31	0 ² 26	10 ² 51	5 ² 25	17 ² 15	24 ² 54	24 ² 55	10 ² 31	5 ² 34	19 ² 30	17 ² 57	5 ² 20	26 ² 53	M 25
T 26	10 23 30	7 ² 32'25	2 ² 15	10 ² 46	5 ² 54	5 ² 54	17 ² 22	25 ² 0	24 ² 58	10 ² 33	5 ² 33	19 ² 20	17 ² 54	5 ² 27	26 ² 57	T 26
W 27	10 27 26	8 ² 32'34	4 ² Y22	4 ² 5	10 ² 43	6 ² 23	17 ² 28	25 ² 6	25 ² 1	10 ² 35	5 ² 33	19 ² 10	17 ² 51	5 ² 34	27 ² 1	W 27
T 28	10 31 23	9 ² 32'42	16 ² Y14	5 ² Y56	10 ² D43	6 ² Y53	17 ² Y35	25 ² Y12	25 ² Y 5	10 ² 37	5 ² 32	19 ² 3 1	17 ² 348	5 ² Y41	27 ² Y 4	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	decl	lat
F 1	17s 8	12n33	5n14	22s35	0s52	7s18	7n13	20n53	1n58	21s52	0n39	6n40	2s24	3s11	0s43	17s55	0s 2	20n27	2s54	21s58	22s 6	5n35	1n15	3n16			
S 2	16 51	16 51	5 8	22 27	0 59	7 19	7 24	20 58	1 58	21 53	0 39	6 42	2 24	3 9	0 43	17 54	0 2	20 27	2 54	21 58	22 7	5 38	1 16	3 16			
S 3	16 33	20 32	4 48	22 18	1 5	7 20	7 34	21 4	1 58	21 54	0 39	6 44	2 24	3 8	0 43	17 54	0 2	20 27	2 54	21 59	22 7	5 41	1 17	3 16			
M 4	16 15	23 23	4 15	22 8	1 12	7 22	7 43	21 10	1 58	21 55	0 39	6 46	2 24	3 7	0 43	17 53	0 2	20 27	2 54	21 59	22 7	5 44	1 18	3 16			
T 5	15 57	25 12	3 29	21 56	1 17	7 25	7 52	21 16	1 58	21 56	0 39	6 48	2 23	3 6	0 43	17 52	0 2	20 27	2 54	21 58	22 8	5 46	1 19	3 16			
W 6	15 39	25 43	2 32	21 44	1 23	7 29	7 59	21 22	1 58	21 57	0 39	6 50	2 23	3 5	0 43	17 52	0 3	20 28	2 54	21 58	22 8	5 49	1 20	3 15			
T 7	15 20	24 48	1 24	21 29	1 28	7 34	8 6	21 28	1 58	21 58	0 39	6 51	2 23	3 4	0 43	17 51	0 3	20 28	2 54	21 58	22 9	5 52	1 21	3 15			
F 8	15 1	22 23	0 10	21 14	1 33	7 40	8 12	21 34	1 58	21 59	0 39	6 53	2 23	3 2	0 43	17 51	0 3	20 28	2 54	21 58	22 9	5 55	1 22	3 15			
S 9	14 42	18 32	1s 7	20 57	1 38	7 46	8 17	21 40	1 58	22 0	0 39	6 55	2 22	3 1	0 43	17 50	0 3	20 28	2 54	21 58	22 10	5 58	1 23	3 15			
S 10	14 23	13 29	2 22	20 39	1 42	7 53	8 20	21 46	1 58	22 1	0 39	6 57	2 22	3 0	0 43	17 49	0 3	20 28	2 54	21 58	22 10	6 1	1 25	3 15			
M11	14 3	7 34	3 28	20 19	1 46	8 1	8 23	21 51	1 58	22 2	0 39	6 59	2 22	2 59	0 43	17 49	0 3	20 28	2 53	21 59	22 11	6 4	1 26	3 15			
T 12	13 44	1 10	4 21	19 58	1 50	8 9	8 25	21 57	1 58	22 3	0 39	7 1	2 22	2 58	0 43	17 48	0 3	20 28	2 53	21 59	22 11	6 7	1 27	3 14			
W13	13 23	5s17	4 56	19 36	1 54	8 18	8 26	22 3	1 57	22 4	0 39	7 4	2 22	2 56	0 43	17 48	0 3	20 29	2 53	22 0	22 11	6 10	1 28	3 14			
T 14	13 3	11 22	5 11	19 12	1 57	8 27	8 26	22 9	1 57	22 5	0 39	7 6	2 21	2 55	0 43	17 47	0 3	20 29	2 53	22 1	22 12	6 12	1 29	3 14			
F 15	12 43	16 42	5 5	18 47	1 59	8 36	8 25	22 14	1 57	22 6	0 39	7 8	2 21	2 54	0 43	17 46	0 3	20 29	2 53	22 1	22 12	6 15	1 30	3 14			
S 16	12 22	20 59	4 40	18 20	2 2	8 45	8 23	22 20	1 57	22 6	0 39	7 10	2 21	2 53	0 43	17 46	0 3	20 29	2 53	22 2	22 13	6 18	1 31	3 14			
S 17	12 1	23 57	4 0	17 52	2 4	8 55	8 21	22 25	1 57	22 7	0 39	7 12	2 21	2 51	0 43	17 45	0 3	20 29	2 53	22 2	22 13	6 21	1 33	3 14			
M18	11 40	25 28	3 7	17 22	2 5	9 5	8 18	22 31	1 57	22 8	0 39	7 14	2 20	2 50	0 43	17 45	0 3	20 29	2 53	22 2	22 14	6 24	1 34	3 14			
T 19	11 19	25 31	2 5	16 52	2 6	9 15	8 14	22 36	1 56	22 9	0 39	7 16	2 20	2 49	0 43	17 44	0 3	20 29	2 53	22 2	22 14	6 27	1 35	3 13			
W20	10 57	24 9	0 59	16 19	2 7	9 25	8 9	22 42	1 56	22 10	0 39	7 19	2 20	2 48	0 43	17 44	0 3	20 30	2 52	22 1	22 14	6 30	1 36	3 13			
T 21	10 36	21 35	0n10	15 46	2 7	9 34	8 4	22 47	1 56	22 10	0 39	7 21	2 20	2 46	0 43	17 43	0 3	20 30	2 52	22 1	22 15	6 32	1 37	3 13			
F 22	10 14	18 3	1 16	15 10	2 7	9 44	7 58	22 53	1 56	22 11	0 39	7 23	2 20	2 45	0 43	17 42	0 3	20 30	2 52	22 1	22 15	6 35	1 39	3 13			
S 23	9 52	13 46	2 18	14 34	2 7	9 54	7 51	22 58	1 56	22 12	0 39	7 26	2 19	2 44	0 43	17 42	0 3	20 30	2 52	22 2	22 16	6 38	1 40	3 13			
S 24	9 30	9 0	3 13	13 56	2 6	10 3	7 44	23 3	1 56	22 12	0 39	7 28	2 19	2 42	0 43	17 41	0 3	20 30	2 52	22 3	22 16	6 41	1 41	3 13			
M25	9 8	3 57	3 59	13 16	2 4	10 12	7 37	23 8	1 55	22 13	0 39	7 30	2 19	2 41	0 43	17 41	0 3	20 30	2 52	22 4	22 17	6 44	1 42	3 13			
T 26	8 45	1n12	4 34	12 36	2 2	10 21	7 29	23 13	1 55	22 14	0 39	7 33	2 19	2 40	0 43	17 40	0 3	20 30	2 52	22 5	22 17	6 47	1 44	3 13			
W27	8 23	6 16	4 56	11 53	2 0	10 30	7 21	23 18	1 55	22 14	0 39	7 35	2 19	2 38	0 43	17 40	0 3	20 31	2 52	22 7	22 17	6 50	1 45	3 12			
T 28	8s 0	11n 5	5n 6	11s10	1s57	10s38	7n13	23n23	1n55	22s15	0n39	7n37	2s18	2s37	0s43	17s39	0s 3	20n31	2s51	22s 8	22s18	6n52	1n46	3n12			

ASTRODIENST EPHEMERIS for the year 1675

geocentric

MARCH 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 35 19	10 ^h 32'48"	28 ^h 5'5"	7 ^h 48'	10 ^h 45'	7 ^h 23'	17 ^h 41'	25 ^h 19'	25 ^h 8'	10 ^h 39'	5 ^h 32'	18 ^h 52'	17 ^h 345'	5 ^h 47'	27 ^h 8'	F 1
S 2	10 39 16	11 ^h 32'51"	10 ^h 0'	9 ^h 40'	10 ^h 49'	7 ^h 53'	17 ^h 47'	25 ^h 25'	25 ^h 11'	10 ^h 41'	5 ^h 31'	18 ^h 345'	17 ^h 41'	5 ^h 54'	27 ^h 11'	S 2
S 3	10 43 12	12 ^h 32'53"	22 ^h 1'	11 ^h 34'	10 ^h 56'	8 ^h 23'	17 ^h 53'	25 ^h 31'	25 ^h 15'	10 ^h 43'	5 ^h 31'	18 ^h 40'	17 ^h 38'	6 ^h 1'	27 ^h 15'	S 3
M 4	10 47 9	13 ^h 32'52"	4 ^h 13'	13 ^h 29'	11 ^h 5'	8 ^h 53'	17 ^h 59'	25 ^h 37'	25 ^h 18'	10 ^h 45'	5 ^h 30'	18 ^h 38'	17 ^h 35'	6 ^h 7'	27 ^h 18'	M 4
T 5	10 51 5	14 ^h 32'49"	16 ^h 40'	15 ^h 25'	11 ^h 16'	9 ^h 24'	18 ^h 5'	25 ^h 44'	25 ^h 22'	10 ^h 47'	5 ^h 30'	18 ^h D38'	17 ^h 32'	6 ^h 14'	27 ^h 22'	T 5
W 6	10 55 2	15 ^h 32'44"	29 ^h 27'	17 ^h 21'	11 ^h 29'	9 ^h 54'	18 ^h 10'	25 ^h 50'	25 ^h 25'	10 ^h 49'	5 ^h 30'	18 ^h 38'	17 ^h 29'	6 ^h 21'	27 ^h 26'	W 6
T 7	10 58 59	16 ^h 32'37"	12 ^h 38'	19 ^h 19'	11 ^h 44'	10 ^h 25'	18 ^h 15'	25 ^h 57'	25 ^h 28'	10 ^h 51'	5 ^h 29'	18 ^h R39'	17 ^h 26'	6 ^h 28'	27 ^h 29'	T 7
F 8	11 2 55	17 ^h 32'28"	26 ^h 17'	21 ^h 16'	12 ^h 1'	10 ^h 56'	18 ^h 21'	26 ^h 3'	25 ^h 32'	10 ^h 53'	5 ^h 29'	18 ^h 39'	17 ^h 22'	6 ^h 34'	27 ^h 33'	F 8
S 9	11 6 52	18 ^h 32'16"	10 ^h 26'	23 ^h 15'	12 ^h 21'	11 ^h 27'	18 ^h 26'	26 ^h 10'	25 ^h 35'	10 ^h 55'	5 ^h 29'	18 ^h 37'	17 ^h 19'	6 ^h 41'	27 ^h 36'	S 9
S 10	11 10 48	19 ^h 32'02"	25 ^h 2'	25 ^h 14'	12 ^h 42'	11 ^h 58'	18 ^h 31'	26 ^h 17'	25 ^h 39'	10 ^h 57'	5 ^h 29'	18 ^h 33'	17 ^h 16'	6 ^h 48'	27 ^h 40'	S 10
M 11	11 14 45	20 ^h 31'46"	10 ^h 2'	27 ^h 13'	13 ^h 4'	12 ^h 29'	18 ^h 35'	26 ^h 23'	25 ^h 42'	10 ^h 59'	5 ^h 28'	18 ^h 26'	17 ^h 13'	6 ^h 54'	27 ^h 44'	M 11
T 12	11 18 41	21 ^h 31'28"	25 ^h 16'	29 ^h 12'	13 ^h 29'	13 ^h 0'	18 ^h 40'	26 ^h 30'	25 ^h 45'	11 ^h 0'	5 ^h 28'	18 ^h 17'	17 ^h 10'	7 ^h 1'	27 ^h 47'	T 12
W 13	11 22 38	22 ^h 31'08"	10 ^h 35'	1 ^h 11'	13 ^h 55'	13 ^h 32'	18 ^h 44'	26 ^h 37'	25 ^h 49'	11 ^h 2'	5 ^h 28'	18 ^h 7'	17 ^h 7'	7 ^h 8'	27 ^h 51'	W 13
T 14	11 26 34	23 ^h 30'46"	25 ^h 46'	3 ^h 9'	14 ^h 23'	14 ^h 3'	18 ^h 48'	26 ^h 44'	25 ^h 52'	11 ^h 4'	5 ^h 28'	17 ^h 58'	17 ^h 3'	7 ^h 15'	27 ^h 55'	T 14
F 15	11 30 31	24 ^h 30'22"	10 ^h 40'	5 ^h 6'	14 ^h 53'	14 ^h 35'	18 ^h 53'	26 ^h 51'	25 ^h 56'	11 ^h 6'	5 ^h 28'	17 ^h 50'	17 ^h 0'	7 ^h 21'	27 ^h 58'	F 15
S 16	11 34 28	25 ^h 29'56"	25 ^h 9'	7 ^h 2'	15 ^h 24'	15 ^h 6'	18 ^h 56'	26 ^h 57'	25 ^h 59'	11 ^h 8'	5 ^h 28'	17 ^h 44'	16 ^h 57'	7 ^h 28'	28 ^h 2'	S 16
S 17	11 38 24	26 ^h 29'29"	9 ^h 11'	8 ^h 57'	15 ^h 57'	15 ^h 38'	19 ^h 0'	27 ^h 4'	26 ^h 3'	11 ^h 9'	5 ^h 28'	17 ^h 40'	16 ^h 54'	7 ^h 35'	28 ^h 6'	S 17
M 18	11 42 21	27 ^h 29'00"	22 ^h 46'	10 ^h 49'	16 ^h 30'	16 ^h 10'	19 ^h 4'	27 ^h 11'	26 ^h 6'	11 ^h 11'	5 ^h 28'	17 ^h D39'	16 ^h 51'	7 ^h 42'	28 ^h 9'	M 18
T 19	11 46 17	28 ^h 28'29"	5 ^h 34'	12 ^h 39'	17 ^h 6'	16 ^h 42'	19 ^h 7'	27 ^h 18'	26 ^h 9'	11 ^h 13'	5 ^h D28'	17 ^h 39'	16 ^h 47'	7 ^h 48'	28 ^h 13'	T 19
W 20	11 50 14	29 ^h 27'57"	18 ^h 41'	14 ^h 27'	17 ^h 42'	17 ^h 14'	19 ^h 10'	27 ^h 26'	26 ^h 13'	11 ^h 14'	5 ^h 28'	17 ^h R39'	16 ^h 44'	7 ^h 55'	28 ^h 17'	W 20
T 21	11 54 10	0 ^h 27'22"	1 ^h 10'	16 ^h 11'	18 ^h 20'	17 ^h 46'	19 ^h 13'	27 ^h 33'	26 ^h 16'	11 ^h 16'	5 ^h 28'	17 ^h 39'	16 ^h 41'	8 ^h 2'	28 ^h 20'	T 21
F 22	11 58 7	1 ^h 26'46"	13 ^h 26'	17 ^h 51'	18 ^h 59'	18 ^h 18'	19 ^h 16'	27 ^h 40'	26 ^h 20'	11 ^h 18'	5 ^h 28'	17 ^h 36'	16 ^h 38'	8 ^h 8'	28 ^h 24'	F 22
S 23	12 2 3	2 ^h 26'08"	25 ^h 31'	19 ^h 27'	19 ^h 39'	18 ^h 51'	19 ^h 19'	27 ^h 47'	26 ^h 23'	11 ^h 19'	5 ^h 28'	17 ^h 30'	16 ^h 35'	8 ^h 15'	28 ^h 28'	S 23
S 24	12 6 0	3 ^h 25'28"	7 ^h 31'	20 ^h 59'	20 ^h 20'	19 ^h 23'	19 ^h 21'	27 ^h 54'	26 ^h 27'	11 ^h 21'	5 ^h 28'	17 ^h 22'	16 ^h 32'	8 ^h 22'	28 ^h 31'	S 24
M 25	12 9 57	4 ^h 24'46"	19 ^h 26'	22 ^h 25'	21 ^h 3'	19 ^h 56'	19 ^h 23'	28 ^h 1'	26 ^h 30'	11 ^h 23'	5 ^h 28'	17 ^h 11'	16 ^h 28'	8 ^h 29'	28 ^h 35'	M 25
T 26	12 13 53	5 ^h 24'02"	1 ^h 18'	23 ^h 47'	21 ^h 46'	20 ^h 28'	19 ^h 25'	28 ^h 9'	26 ^h 33'	11 ^h 24'	5 ^h 28'	16 ^h 57'	16 ^h 25'	8 ^h 35'	28 ^h 39'	T 26
W 27	12 17 50	6 ^h 23'16"	13 ^h 10'	25 ^h 3'	22 ^h 30'	21 ^h 1'	19 ^h 27'	28 ^h 16'	26 ^h 37'	11 ^h 26'	5 ^h 28'	16 ^h 43'	16 ^h 22'	8 ^h 42'	28 ^h 42'	W 27
T 28	12 21 46	7 ^h 22'28"	25 ^h 3'	26 ^h 13'	23 ^h 15'	21 ^h 34'	19 ^h 29'	28 ^h 23'	26 ^h 40'	11 ^h 27'	5 ^h 29'	16 ^h 29'	16 ^h 19'	8 ^h 49'	28 ^h 46'	T 28
F 29	12 25 43	8 ^h 21'38"	6 ^h 35'	27 ^h 17'	24 ^h 1'	22 ^h 7'	19 ^h 30'	28 ^h 31'	26 ^h 43'	11 ^h 28'	5 ^h 29'	16 ^h 16'	16 ^h 16'	8 ^h 55'	28 ^h 50'	F 29
S 30	12 29 39	9 ^h 20'46"	18 ^h 55'	28 ^h 15'	24 ^h 48'	22 ^h 40'	19 ^h 32'	28 ^h 38'	26 ^h 47'	11 ^h 30'	5 ^h 29'	16 ^h 5'	16 ^h 12'	9 ^h 2'	28 ^h 53'	S 30
S 31	12 33 36	10 ^h 19'51"	0 ^h 59'	29 ^h 6'	25 ^h 36'	23 ^h 13'	19 ^h 33'	28 ^h 46'	26 ^h 50'	11 ^h 31'	5 ^h 29'	15 ^h 57'	16 ^h 3'	9 ^h 9'	28 ^h 57'	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
F 1	7s38	15n31	5n 2	10s25	1s53	10s46	7n 4	23n28	1n55	22s15	0n39	7n40	2s18	2s36	0s43	17s38	0s 3	20n31	2s51	22s 9	22s18	6n55	1n48	3n12	
S 2	7 15	19 21	4 45	9 39	1 49	10 53	6 55	23 33	1 54	22 16	0 40	7 42	2 18	2 34	0 43	17 38	0 3	20 31	2 51	22 10	22 19	6 58	1 49	3 12	
S 3	6 52	22 26	4 16	8 51	1 45	11 1	6 46	23 37	1 54	22 16	0 40	7 45	2 18	2 33	0 43	17 37	0 3	20 31	2 51	22 11	22 19	7 1	1 50	3 12	
M 4	6 29	24 33	3 35	8 2	1 40	11 7	6 36	23 42	1 54	22 17	0 40	7 47	2 18	2 32	0 43	17 37	0 3	20 31	2 51	22 11	22 19	7 4	1 52	3 12	
T 5	6 6	25 31	2 43	7 12	1 34	11 14	6 27	23 46	1 54	22 17	0 40	7 49	2 18	2 30	0 43	17 36	0 3	20 31	2 51	22 11	22 20	7 7	1 53	3 12	
W 6	5 42	25 10	1 41	6 21	1 28	11 19	6 17	23 51	1 53	22 18	0 40	7 52	2 17	2 29	0 43	17 36	0 3	20 31	2 51	22 11	22 20	7 9	1 54	3 12	
T 7	5 19	23 25	0 32	5 29	1 21	11 25	6 7	23 55	1 53	22 18	0 40	7 54	2 17	2 28	0 43	17 35	0 3	20 32	2 51	22 11	22 21	7 12	1 56	3 12	
F 8	4 56	20 16	0s41	4 36	1 14	11 29	5 57	23 59	1 53	22 19	0 40	7 57	2 17	2 26	0 43	17 35	0 3	20 32	2 51	22 11	22 21	7 15	1 57	3 11	
S 9	4 33	15 50	1 54	3 42	1 6	11 34	5 48	24 3	1 53	22 19	0 40	8 0	2 17	2 25	0 43	17 34	0 3	20 32	2 50	22 11	22 22	7 18	1 58	3 11	
S 10	4 9	10 21	3 1	2 47	0 58	11 38	5 38	24 7	1 52	22 20	0 40	8 2	2 17	2 23	0 43	17 34	0 3	20 32	2 50	22 12	22 22	7 21	2 0	3 11	
M 11	3 46	4 9	3 58	1 51	0 49	11 41	5 28	24 11	1 52	22 20	0 40	8 5	2 17	2 22	0 43	17 33	0 3	20 32	2 50	22 13	22 22	7 24	2 1	3 11	
T 12	3 22	2s23	4 39	0 55	0 39	11 43	5 18	24 15	1 52	22 20	0 40	8 7	2 16	2 21	0 43	17 33	0 3	20 32	2 50	22 14	22 23	7 26	2 2	3 11	
W 13	2 58	8 48	5 0	0n 2	0 29	11 46	5 8	24 19	1 52	22 21	0 40	8 10	2 16	2 19	0 43	17 32	0 3	20 32	2 50	22 15	22 23	7 29	2 4	3 11	
T 14	2 35	14 38	5 0	0 58	0 18	11 47	4 58	24 22	1 51	22 21	0 40	8 12	2 16	2 18	0 43	17 32	0 3	20 33	2 50	22 16	22 24	7 32	2 5	3 11	
F 15	2 11	19 28	4 40	1 55	0 7	11 48	4 48	24 26	1 51	22 21	0 40	8 15	2 16	2 17	0 43	17 31	0 3	20 33	2 50	22 18	22 24	7 35	2 7	3 11	
S 16	1 48	22 59	4 1	2 52	0n 4	11 49	4 38	24 29	1 51	22 22	0 40	8 18	2 16	2 15	0 43	17 31	0 3	20 33	2 50	22 18	22 24	7 38	2 8	3 11	
S 17	1 24	24 59	3 9	3 48	0 16	11 49	4 28	24 32	1 50	22 22	0 40	8 20	2 16	2 14	0 43	17 30	0 3	20 33	2 49	22 19	22 25	7 40	2 9	3 11	
M 18	1 0	25 25	2 8	4 43	0 28	11 48	4 19	24 35	1 50	22 22	0 40	8 23	2 16	2 13	0 43	17 30	0 3	20 33	2 49	22 19	22 25	7 43	2 11	3 11	
T 19	0 36	24 23	1 2	5 37	0 40	11 47	4 9	24 38	1 50	22 22	0 40	8 25	2 16	2 11	0 43	17 29	0 3	20 33	2 49	22 19	22 26	7 46	2 12	3 11	
W 20	0 13	22 5	0n 5	6 30	0 52	11 45	4 0	24 41	1 50	22 23	0 40	8 28	2 15	2 10	0 43	17 29	0 3	20 33	2 49	22 19	22 26	7 49	2 14	3 10	
T 21	0n11	18 47	1 11	7 22	1 4	11 43	3 50	24 44	1 49	22 23	0 40	8 31	2 15	2 8	0 43	17 29	0 3	20 33	2 49	22 19	22 26	7 52	2 15	3 10	
F 22	0 35	14 43	2 12	8 12	1 17	11 40	3 41	24 47	1 49	22 23	0 40	8 33	2 15	2 7	0 43	17 28	0 3	20 34	2 49	22 19	22 27	7 54	2 16	3 10	
S 23	0 58	10 7	3 6	9 0	1 29	11 36	3 31	24 49	1 49	22 23	0 40	8 36	2 15	2 6	0 43	17 28	0 3	20 34	2 49	22 20	22 27	7 57	2 18	3 10	
S 24	1 22	5 11	3 51	9 45	1 41	11 32	3 22	24 52	1 49	22 23	0 40	8 39	2 15	2 4	0 43	17 27	0 3	20 34	2 49	22 21	22 27	8 0	2 19	3 10	
M 25	1 45	0 7	4 26	10 29	1 52	11 27	3 13	24 54	1 48	22 24	0 40	8 41	2 15	2 3	0 43	17 27	0 3	20 34	2 48	22 23	22 28	8 3	2 21	3 10	
T 26	2 9	4n56	4 49	11 9	2 3	11 22	3 4	24 56	1 48	22 24	0 40	8 44	2 15	2 2	0 43	17 26	0 3	20 34	2 48	22 24	22 28	8 6	2 22	3 10	
W 27	2 32	9 48	4 59	11 47	2 14	11 17	2 55	24 58	1 48	22 24	0 40	8 47	2 15	2 0	0 43	17 26	0 3	20 34	2 48	22 26	22 29	8 8	2 23	3 10	
T 28	2 56	14 18	4 56	12 22	2 24	11 10	2 46	25 0	1 47	22 24	0 40	8 50	2 15	1 59	0 43	17 26	0 3	20 34	2 48	22 28	22 29	8 11	2 25	3 10	
F 29	3 19	18 16	4 41	12 54	2 33	11 3	2 38	25 2	1 47	22 24	0 40	8 52	2 14	1 58	0 43	17 25	0 3	20 34	2 48	22 29	22 29	8 14	2 26	3 10	
S 30	3 43	21 31	4 13	13 23	2 41	10 56	2 29	25 3	1 47	22 24	0 40	8 55	2 14	1 56	0 43	17 25	0 3	20 34	2 48	22 31	22 30	8 17	2 28	3 10	
S 31	4n 6	23n52	3n33	13n48	2n49	10s48	2n21	25n 5	1n46	22s24	0n40	8n58	2s14	1s55	0s43	17s24	0s 3	20n35	2s48	22s32	22s30	8n19	2n29	3n10	

ASTRODIENST EPHEMERIS for the year 1675

geocentric

APRIL 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 37 32	11°18'54"	13°11'13"	29°51'51"	26°28'24"	23°11'46"	19°27'34"	28°51'53"	26°51'45"	11°28'33"	5°28'30"	15°15'52"	16°08'06"	9°11'16"	29°29'11"	M 1
T 2	12 41 29	12°17'55"	25°30'39"	08°29'29"	27°14'14"	24°19'19"	19°35'35"	29°01'26"	26°57'11"	11°34'34"	5°30'30"	15°35'50"	16°03'16"	9°22'29"	29°04'29"	T 2
W 3	12 45 26	13°16'54"	8°23'23"	1°00'00"	28°04'28"	24°52'24"	19°35'35"	29°08'29"	27°00'11"	11°35'35"	5°30'30"	15°49'15"	16°00'00"	9°29'29"	29°08'29"	W 3
T 4	12 49 22	14°15'51"	21°02'28"	1°25'25"	28°54'28"	25°25'25"	19°36'36"	29°16'29"	27°04'11"	11°37'37"	5°31'31"	15°49'15"	15°57'15"	9°36'36"	29°11'29"	T 4
F 5	12 53 19	15°14'45"	4°29'59"	1°42'42"	29°46'29"	25°59'25"	19°36'36"	29°23'29"	27°07'11"	11°38'38"	5°31'31"	15°49'15"	15°53'53"	9°43'43"	29°15'59"	F 5
S 6	12 57 15	16°13'36"	18°57'18"	1°53'53"	0°38'38"	26°32'26"	19°36'36"	29°31'29"	27°10'11"	11°39'39"	5°31'31"	15°46'15"	15°50'50"	9°49'49"	29°18'59"	S 6
S 7	13 1 12	17°12'26"	3°27'24"	1°58'58"	1°30'30"	27°06'27"	19°36'36"	29°38'29"	27°13'11"	11°40'40"	5°32'32"	15°41'15"	15°47'47"	9°56'56"	29°22'59"	S 7
M 8	13 5 8	18°11'13"	18°16'16"	1°56'56"	2°23'23"	27°39'27"	19°35'35"	29°46'29"	27°17'11"	11°42'42"	5°32'32"	15°34'15"	15°44'44"	10°03'03"	29°26'59"	M 8
T 9	13 9 5	19°09'58"	3°27'27"	1°48'48"	3°17'17"	28°13'28"	19°35'35"	29°53'29"	27°20'11"	11°43'43"	5°33'33"	15°24'15"	15°41'41"	10°09'09"	29°29'29"	T 9
W10	13 13 1	20°8'40"	18°47'18"	1°34'34"	4°12'42"	28°47'28"	19°34'34"	0°28'28"	1°27'23"	11°44'44"	5°33'33"	15°13'15"	15°38'38"	10°16'16"	29°33'59"	W10
T 11	13 16 58	21°7'21"	4°27'27"	1°14'14"	5°06'06"	29°20'29"	19°33'33"	0°09'09"	2°27'26"	11°45'45"	5°34'34"	15°02'15"	15°34'34"	10°23'23"	29°36'59"	T 11
F 12	13 20 54	22°6'00"	19°09'09"	0°50'50"	6°02'02"	29°54'29"	19°32'32"	0°16'16"	2°27'30"	11°46'46"	5°34'34"	14°52'14"	15°31'31"	10°30'30"	29°39'59"	F 12
S 13	13 24 51	23°4'38"	3°27'27"	0°21'21"	6°58'58"	0°28'28"	19°31'31"	0°24'24"	2°27'33"	11°47'47"	5°35'35"	14°45'14"	15°28'28"	10°36'36"	29°43'59"	S 13
S 14	13 28 48	24°3'13"	18°03'03"	29°48'48"	7°54'54"	1°02'02"	19°29'29"	0°31'31"	2°27'36"	11°48'48"	5°35'35"	14°41'14"	15°25'25"	10°43'43"	29°46'59"	S 14
M15	13 32 44	25°1'47"	1°34'46"	29°12'12"	8°51'51"	1°36'36"	19°28'28"	0°39'39"	2°27'39"	11°49'49"	5°36'36"	14°39'14"	15°22'22"	10°50'50"	29°50'59"	M15
T 16	13 36 41	26°0'19"	1°50'15"	28°33'33"	9°48'48"	2°10'10"	19°26'26"	0°47'47"	2°27'42"	11°50'50"	5°37'37"	14°03'38"	15°18'18"	10°56'56"	29°53'59"	T 16
W17	13 40 37	26°58'50"	27°50'27"	27°53'53"	10°46'46"	2°44'44"	19°24'24"	0°54'54"	2°27'45"	11°51'51"	5°37'37"	14°03'38"	15°15'15"	11°03'03"	29°57'59"	W17
T 18	13 44 34	27°57'19"	10°27'12"	27°12'12"	11°44'44"	3°18'18"	19°21'21"	1°02'02"	2°27'48"	11°52'52"	5°38'38"	14°03'38"	15°12'12"	11°10'10"	29°59'59"	T 18
F 19	13 48 30	28°55'46"	22°32'32"	26°30'30"	12°43'43"	3°52'52"	19°19'19"	1°10'10"	2°27°51"	11°52'52"	5°39'39"	14°03'36"	15°09'09"	11°17'17"	0°31'31"	F 19
S 20	13 52 27	29°54'12"	4°27'34"	25°49'49"	13°42'42"	4°26'26"	19°17'17"	1°18'18"	2°27°55"	11°53'53"	5°39'39"	14°03'31"	15°06'06"	11°23'23"	0°06'06"	S 20
S 21	13 56 23	0°25'23"	16°29'29"	25°10'10"	14°41'41"	5°01'01"	19°14'14"	1°25'25"	2°27°58"	11°54'54"	5°40'40"	14°03'23"	15°03'03"	11°30'30"	0°10'10"	S 21
M22	14 0 20	1°50'58"	28°20'20"	24°32'32"	15°41'41"	5°35'35"	19°11'11"	1°33'33"	2°28°01"	11°55'55"	5°41'41"	14°03'13"	14°59'59"	11°37'37"	0°13'13"	M22
T 23	14 4 17	2°49'19"	10°09'11"	23°57'57"	16°41'41"	6°09'09"	19°08'08"	1°41'41"	2°28°04"	11°56'56"	5°42'42"	14°02'14"	14°56'56"	11°44'44"	0°16'16"	T 23
W24	14 8 13	3°47'38"	22°04'22"	23°25'25"	17°41'41"	6°44'44"	19°04'04"	1°48'48"	2°28°06"	11°56'56"	5°42'42"	13°49'49"	14°53'53"	11°50'50"	0°19'19"	W24
T 25	14 12 10	4°45'55"	4°00'00"	22°56'56"	18°42'42"	7°18'18"	19°01'01"	1°56'56"	2°28°09"	11°57'57"	5°43'43"	13°36'36"	14°50'50"	11°57'57"	0°23'23"	T 25
F 26	14 16 6	5°44'10"	16°00'00"	22°31'31"	19°43'43"	7°53'53"	18°57'57"	2°04'04"	2°28°12"	11°58'58"	5°44'44"	13°24'24"	14°47'47"	12°04'04"	0°26'26"	F 26
S 27	14 20 3	6°42'24"	28°06'06"	22°11'11"	20°45'45"	8°27'27"	18°54'54"	2°11'11"	2°28°15"	11°58'58"	5°45'45"	13°14'14"	14°44'44"	12°10'10"	0°29'29"	S 27
S 28	14 23 59	7°40'36"	10°11'19"	21°55'55"	21°46'46"	9°02'02"	18°50'50"	2°19'19"	2°28°18"	11°59'59"	5°46'46"	13°07'07"	14°40'40"	12°17'17"	0°32'32"	S 28
M29	14 27 56	8°38'46"	22°42'42"	21°43'43"	22°48'48"	9°37'37"	18°45'45"	2°27'27"	2°28°21"	11°59'59"	5°47'47"	13°02'02"	14°37'37"	12°24'24"	0°35'35"	M29
T 30	14 31 52	9°36'54"	5°26'16"	21°36'36"	23°50'50"	10°26'26"	18°41'41"	2°28°34"	2°28°34"	12°00'00"	5°48'48"	13°00'00"	14°33'33"	12°31'31"	0°38'38"	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	4n29	25n 7	2n43	14n10	2n55	10s40	2n12	25n 6	1n46	22s24	0n40	9n 0	2s14	1s54	0s43	17s24
T 2	4 52	25 9	1 44	14 29	3 0	10 31	2 4	25 7	1 46	22 24	0 40	9 3	2 14	1 52	0 43	17 24
W 3	5 15	23 52	0 39	14 44	3 5	10 21	1 56	25 8	1 45	22 24	0 40	9 6	2 14	1 51	0 43	17 23
T 4	5 38	21 17	0s30	14 55	3 8	10 11	1 48	25 9	1 45	22 24	0 40	9 9	2 14	1 50	0 43	17 23
F 5	6 1	17 27	1 39	15 3	3 10	10 1	1 40	25 10	1 45	22 24	0 40	9 11	2 14	1 48	0 43	17 23
S 6	6 24	12 33	2 45	15 7	3 10	9 50	1 33	25 11	1 45	22 24	0 40	9 14	2 14	1 47	0 43	17 22
S 7	6 46	6 49	3 43	15 8	3 9	9 38	1 25	25 11	1 44	22 24	0 40	9 17	2 14	1 46	0 43	17 22
M 8	7 9	0 33	4 27	15 5	3 7	9 26	1 18	25 12	1 44	22 24	0 40	9 19	2 14	1 44	0 43	17 22
T 9	7 31	5s52	4 54	14 59	3 3	9 14	1 10	25 12	1 44	22 24	0 40	9 22	2 14	1 43	0 43	17 21
W10	7 53	11 59	5 0	14 49	2 58	9 1	1 3	25 12	1 43	22 24	0 40	9 25	2 14	1 42	0 43	17 21
T 11	8 15	17 21	4 44	14 35	2 51	8 47	0 56	25 12	1 43	22 24	0 40	9 28	2 13	1 41	0 43	17 21
F 12	8 37	21 32	4 9	14 19	2 42	8 33	0 49	25 12	1 43	22 24	0 40	9 30	2 13	1 39	0 43	17 21
S 13	8 59	24 11	3 18	14 0	2 33	8 19	0 42	25 11	1 42	22 24	0 40	9 33	2 13	1 38	0 43	17 20
S 14	9 21	25 12	2 16	13 38	2 22	8 4	0 36	25 11	1 42	22 24	0 40	9 36	2 13	1 37	0 43	17 20
M15	9 42	24 36	1 8	13 14	2 9	7 49	0 29	25 10	1 42	22 24	0 40	9 38	2 13	1 36	0 43	17 20
T 16	10 4	22 36	0n 2	12 47	1 56	7 33	0 23	25 9	1 41	22 23	0 40	9 41	2 13	1 34	0 43	17 20
W17	10 25	19 30	1 9	12 19	1 42	7 17	0 16	25 8	1 41	22 23	0 40	9 44	2 13	1 33	0 43	17 19
T 18	10 46	15 35	2 11	11 50	1 26	7 1	0 10	25 7	1 41	22 23	0 40	9 46	2 13	1 32	0 43	17 19
F 19	11 7	11 5	3 6	11 20	1 10	6 44	0 4	25 6	1 40	22 23	0 40	9 49	2 13	1 31	0 43	17 19
S 20	11 27	6 15	3 52	10 50	0 54	6 27	0s 2	25 4	1 40	22 23	0 40	9 52	2 13	1 30	0 43	17 19
S 21	11 48	1 15	4 27	10 19	0 37	6 9	0 7	25 3	1 40	22 23	0 40	9 54	2 13	1 28	0 43	17 18
M22	12 8	3n46	4 50	9 50	0 20	5 51	0 13	25 1	1 39	22 22	0 40	9 57	2 13	1 27	0 43	17 18
T 23	12 28	8 38	5 0	9 21	0 3	5 33	0 18	24 59	1 39	22 22	0 40	10 0	2 13	1 26	0 43	17 18
W24	12 48	13 13	4 58	8 53	0s14	5 14	0 24	24 57	1 39	22 22	0 40	10 2	2 13	1 25	0 43	17 18
T 25	13 8	17 18	4 43	8 27	0 31	4 55	0 29	24 55	1 38	22 22	0 40	10 5	2 13	1 24	0 43	17 18
F 26	13 27	20 43	4 14	8 3	0 47	4 36	0 34	24 53	1 38	22 21	0 40	10 8	2 13	1 23	0 43	17 17
S 27	13 47	23 15	3 35	7 41	1 3	4 16	0 39	24 50	1 38	22 21	0 40	10 10	2 13	1 21	0 43	17 17
S 28	14 6	24 45	2 45	7 21	1 18	3 57	0 44	24 47	1 37	22 21	0 40	10 13	2 13	1 20	0 43	17 17
M29	14 25	25 3	1 46	7 4	1 32	3 36	0 49	24 45	1 37	22 20	0 40	10 16	2 13	1 19	0 43	17 17
T 30	14n43	24n 4	0n41	6n49	1s45	3s16	0s53	24n42	1n37	22s20	0n40	10n18	2s13	1s18	0s43	17s17

Julian Day Number = 2332931.5, Delta T = 26.46 sec
 Ecliptic obliquity = 23°28'57", Nutation = 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°12'26", Lahiri = 19°19'26"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1675
geocentric

MAY 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	14 35 49	10♂35°00	18♂ 5	21°D34	24♂53	10♂46	18°R37	2♂42	28♂26	12≈ 0	5♂48	13°D 0	14♂31	12♂37	0♂41	W 1
T 2	14 39 46	11°33'04	1♂11	21♂37	25°55	11°21	18♂32	2°50	28°29	12° 1	5°49	13♂ 1	14°28	12°44	0°44	T 2
F 3	14 43 42	12°31'07	14°38	21°44	26°58	11°56	18°27	2°57	28°32	12° 1	5°50	13°R 1	14°24	12°51	0°47	F 3
S 4	14 47 39	13°29'07	28°28	21°56	28° 1	12°31	18°22	3° 5	28°34	12° 1	5°51	13° 0	14°21	12°58	0°50	S 4
S 5	14 51 35	14°27'05	12♂42	22°13	29° 5	13° 6	18°17	3°13	28°37	12° 2	5°52	12°57	14°18	13° 4	0°53	S 5
M 6	14 55 32	15°25'02	27°18	22°34	0♂ 8	13°41	18°12	3°20	28°40	12° 2	5°53	12°52	14°15	13°11	0°56	M 6
T 7	14 59 28	16°22'56	12♂12	22°59	1°12	14°16	18° 7	3°28	28°42	12° 2	5°54	12°45	14°12	13°18	0°58	T 7
W 8	15 3 25	17°20'49	27°17	23°29	2°16	14°51	18° 1	3°35	28°45	12° 2	5°55	12°37	14° 9	13°24	1° 1	W 8
T 9	15 7 21	18°18'40	12♂24	24° 3	3°20	15°26	17°56	3°43	28°47	12° 3	5°57	12°29	14° 5	13°31	1° 4	T 9
F 10	15 11 18	19°16'30	27°21	24°40	4°25	16° 1	17°50	3°50	28°50	12° 3	5°58	12°22	14° 2	13°38	1° 7	F 10
S 11	15 15 15	20°14'19	12♂ 0	25°22	5°30	16°36	17°44	3°58	28°52	12° 3	5°59	12°16	13°59	13°45	1° 9	S 11
S 12	15 19 11	21°12'06	26°16	26° 7	6°34	17°11	17°38	4° 5	28°55	12° 3	6° 0	12°13	13°56	13°51	1°12	S 12
M13	15 23 8	22° 9'52	10♂ 4	26°56	7°39	17°46	17°32	4°13	28°57	12° 3	6° 1	12°D12	13°53	13°58	1°15	M13
T 14	15 27 4	23° 7'37	23°24	27°48	8°45	18°22	17°26	4°20	28°59	12° 3	6° 2	12°12	13°50	14° 5	1°17	T 14
W15	15 31 1	24° 5'20	6♂19	28°43	9°50	18°57	17°19	4°28	29° 2	12°R 3	6° 3	12°13	13°46	14°11	1°20	W15
T 16	15 34 57	25° 3'03	18°52	29°42	10°56	19°32	17°13	4°35	29° 4	12° 3	6° 4	12°14	13°43	14°18	1°22	T 16
F 17	15 38 54	26° 0'44	1♂ 8	0♂44	12° 1	20° 7	17° 6	4°42	29° 6	12° 3	6° 6	12°R15	13°40	14°25	1°25	F 17
S 18	15 42 50	26°58'24	13°11	1°49	13° 7	20°43	17° 0	4°50	29° 8	12° 3	6° 7	12°13	13°37	14°32	1°27	S 18
S 19	15 46 47	27°56'03	25° 6	2°56	14°13	21°18	16°53	4°57	29°10	12° 3	6° 8	12°10	13°34	14°38	1°29	S 19
M20	15 50 44	28°53'42	6♂58	4° 7	15°20	21°54	16°46	5° 4	29°13	12° 3	6° 9	12° 4	13°30	14°45	1°32	M20
T 21	15 54 40	29°51'19	18°49	5°21	16°26	22°29	16°39	5°12	29°15	12° 2	6°11	11°58	13°27	14°52	1°34	T 21
W22	15 58 37	0♂48'55	0♂45	6°37	17°32	23° 5	16°32	5°19	29°17	12° 2	6°12	11°50	13°24	14°59	1°36	W22
T 23	16 2 33	1°46'30	12°46	7°56	18°39	23°40	16°25	5°26	29°19	12° 2	6°13	11°43	13°21	15° 5	1°38	T 23
F 24	16 6 30	2°44'04	24°54	9°18	19°46	24°16	16°18	5°33	29°21	12° 2	6°14	11°36	13°18	15°12	1°41	F 24
S 25	16 10 26	3°41'37	7♂12	10°42	20°53	24°52	16°10	5°40	29°23	12° 1	6°16	11°31	13°15	15°19	1°43	S 25
S 26	16 14 23	4°39'09	19°39	12° 9	22° 0	25°27	16° 3	5°47	29°24	12° 1	6°17	11°27	13°11	15°25	1°45	S 26
M27	16 18 19	5°36'40	2♂17	13°38	23° 7	26° 3	15°56	5°54	29°26	12° 1	6°18	11°25	13° 8	15°32	1°47	M27
T 28	16 22 16	6°34'10	15° 8	15°11	24°14	26°39	15°48	6° 1	29°28	12° 0	6°20	11°D25	13° 5	15°39	1°49	T 28
W29	16 26 13	7°31'38	28°11	16°45	25°22	27°14	15°41	6° 8	29°30	12° 0	6°21	11°25	13° 2	15°46	1°51	W29
T 30	16 30 9	8°29'06	11♂29	18°22	26°29	27°50	15°33	6°15	29°32	11°59	6°22	11°27	12°59	15°52	1°53	T 30
F 31	16 34 6	9♂26'32	25♂ 2	20♂ 2	27♂37	28♂26	15♂26	6♂22	29♂33	11≈59	6♂24	11♂28	12♂56	15♂59	1♂55	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	15n 1	21n49	0s27	6n36	1s58	2s55	0s58	24n39	1n36	22s20	0n40	10n21	2s13	1s17	0s43	17s17
T 2	15 20	18 23	1 35	6 26	2 10	2 34	1 2	24 35	1 36	22 19	0 40	10 23	2 13	1 16	0 43	17 17
F 3	15 37	13 55	2 40	6 19	2 21	2 13	1 6	24 32	1 35	22 19	0 40	10 26	2 13	1 15	0 43	17 17
S 4	15 55	8 37	3 38	6 14	2 30	1 52	1 10	24 28	1 35	22 19	0 40	10 29	2 13	1 14	0 43	17 17
S 5	16 12	2 45	4 24	6 12	2 39	1 30	1 14	24 25	1 35	22 18	0 40	10 31	2 13	1 13	0 43	17 16
M 6	16 29	3s25	4 54	6 12	2 48	1 8	1 18	24 21	1 34	22 18	0 40	10 34	2 13	1 12	0 43	17 16
T 7	16 46	9 30	5 5	6 15	2 55	0 46	1 21	24 17	1 34	22 17	0 40	10 36	2 13	1 11	0 43	17 16
W 8	17 2 15	7 4	5 55	6 20	3 1	0 24	1 25	24 12	1 34	22 17	0 40	10 39	2 13	1 10	0 43	17 16
T 9	17 19 19	47 4	25 6	6 27	3 7	0 1	1 28	24 8	1 33	22 16	0 40	10 41	2 13	1 9	0 43	17 16
F 10	17 35 23	7 3	3 37	6 37	3 11	0n22	1 31	24 4	1 33	22 16	0 40	10 44	2 13	1 8	0 44	17 16
S 11	17 50	24 50	2 35	6 48	3 15	0 44	1 35	23 59	1 33	22 15	0 40	10 46	2 13	1 7	0 44	17 16
S 12	18 6	24 50	1 25	7 2	3 18	1 7	1 38	23 54	1 32	22 15	0 40	10 49	2 13	1 6	0 44	17 16
M13	18 21	23 17	0 11	7 17	3 20	1 30	1 40	23 49	1 32	22 14	0 40	10 51	2 13	1 5	0 44	17 16
T 14	18 35	20 28	1n 0	7 35	3 21	1 54	1 43	23 44	1 32	22 14	0 39	10 54	2 13	1 4	0 44	17 16
W15	18 50	16 41	2 6	7 54	3 22	2 17	1 46	23 39	1 31	22 13	0 39	10 56	2 13	1 3	0 44	17 16
T 16	19 4 12	16 3	5 8	8 14	3 22	2 40	1 48	23 33	1 31	22 13	0 39	10 58	2 14	1 2	0 44	17 16
F 17	19 18 7	28 3	5 53	8 37	3 21	3 4	1 51	23 28	1 30	22 12	0 39	11 1	2 14	1 2	0 44	17 16
S 18	19 31 2	28 4	30 9	1 3	19 3	27 1	53 23	22 1	30 22	12 0	39 11	3 2	14 1	1 0	44 17	16 0
S 19	19 44	2n34	4 55	9 26	3 17	3 51	1 55	23 16	1 30	22 11	0 39	11 6	2 14	1 0	0 44	17 16
M20	19 57	7 28	5 7	9 52	3 14	4 15	1 57	23 10	1 29	22 10	0 39	11 8	2 14	0 59	0 44	17 16
T 21	20 9	12 6	5 6	10 20	3 10	4 38	1 59	23 4	1 29	22 10	0 39	11 10	2 14	0 58	0 44	17 16
W22	20 21	16 18	4 52	10 49	3 6	5 2	2 1	22 58	1 29	22 9	0 39	11 13	2 14	0 57	0 44	17 17
T 23	20 33	19 54	4 25	11 19	3 1	5 26	2 2	22 51	1 28	22 9	0 39	11 15	2 14	0 57	0 44	17 17
F 24	20 45	22 40	3 45	11 50	2 56	5 50	2 4	22 45	1 28	22 8	0 39	11 17	2 14	0 56	0 44	17 17
S 25	20 56	24 26	2 55	12 22	2 50	6 14	2 5	22 38	1 28	22 7	0 39	11 20	2 14	0 55	0 44	17 17
S 26	21 6	25 0	1 56	12 55	2 43	6 37	2 7	22 31	1 27	22 7	0 39	11 22	2 14	0 54	0 44	17 17
M27	21 17	24 17	0 49	13 29	2 36	7 1	2 8	22 24	1 27	22 6	0 38	11 24	2 14	0 54	0 44	17 17
T 28	21 27	22 17	0s20	14 3	2 28	7 25	2 9	22 17	1 26	22 5	0 38	11 26	2 14	0 53	0 44	17 17
W29	21 36	19 5	1 30	14 38	2 20	7 48	2 10	22 9	1 26	22 5	0 38	11 28	2 15	0 52	0 44	17 17
T 30	21 46	14 51	2 37	15 13	2 12	8 12	2 11	22 2	1 26	22 4	0 38	11 31	2 15	0 52	0 44	17 17
F 31	21n54	9n48	3s36	15n48	2s 3	8n36	2s12	21n54	1n25	22s 3	0n38	11n33	2s15	0s51	0s44	17s18

Julian Day Number = 2332961.5, Delta T = 26.41 sec
Ecliptic obliquity = 23°28'56", Nutation = 0°00'15", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°12'30", Lahiri = 19°19'30"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1675
geocentric

JUNE 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 38 2	10II23'56	8♍52	21♈44	28♍44	29♍2	15°R18	6♋29	29♋35	11°R58	6♋25	11°R29	12♋52	16♍6	1♍56	S 1
S 2	16 41 59	11°21'20	22°58	23°29	29°52	29°38	15♌10	6°36	29°36	11♌58	6°26	11♌28	12°49	16°13	1°58	S 2
M 3	16 45 55	12°18'42	7♌20	25°16	18°0	0♌14	15°3	6°43	29°38	11°57	6°28	11°27	12°46	16°19	2°0	M 3
T 4	16 49 52	13°16'03	21°54	27°6	2°8	0°50	14°55	6°49	29°39	11°56	6°29	11°24	12°43	16°26	2°1	T 4
W 5	16 53 48	14°13'24	6♍35	28°58	3°16	1°26	14°48	6°56	29°41	11°56	6°31	11°20	12°40	16°33	2°3	W 5
T 6	16 57 45	15°10'43	21°17	0II53	4°24	2°2	14°40	7°3	29°42	11°55	6°32	11°17	12°36	16°39	2°5	T 6
F 7	17 1 42	16°8'02	5♌53	2°49	5°33	2°38	14°32	7°9	29°44	11°54	6°33	11°13	12°33	16°46	2°6	F 7
S 8	17 5 38	17°5'19	20°16	4°48	6°41	3°14	14°25	7°16	29°45	11°54	6°35	11°11	12°30	16°53	2°8	S 8
S 9	17 9 35	18°2'37	4♋21	6°50	7°50	3°50	14°17	7°22	29°46	11°53	6°36	11°D10	12°27	17°0	2°9	S 9
M10	17 13 31	18°59'53	18°4	8°53	8°58	4°26	14°9	7°29	29°47	11°52	6°38	11°10	12°24	17°6	2°10	M10
T 11	17 17 28	19°57'09	1♌24	10°58	10°7	5°2	14°2	7°35	29°49	11°51	6°39	11°11	12°21	17°13	2°12	T 11
W12	17 21 24	20°54'25	14°21	13°4	11°16	5°38	13°54	7°41	29°50	11°50	6°41	11°12	12°17	17°20	2°13	W12
T 13	17 25 21	21°51'40	26°57	15°13	12°25	6°14	13°47	7°48	29°51	11°50	6°42	11°14	12°14	17°26	2°14	T 13
F 14	17 29 18	22°48'55	9♋15	17°22	13°34	6°50	13°39	7°54	29°52	11°49	6°44	11°15	12°11	17°33	2°15	F 14
S 15	17 33 14	23°46'09	21°21	19°32	14°43	7°27	13°32	8°0	29°53	11°48	6°45	11°R15	12°8	17°40	2°17	S 15
S 16	17 37 11	24°43'24	3♍18	21°43	15°52	8°3	13°24	8°6	29°54	11°47	6°47	11°15	12°5	17°47	2°18	S 16
M17	17 41 7	25°40'38	15°11	23°54	17°1	8°39	13°17	8°12	29°55	11°46	6°48	11°14	12°1	17°53	2°19	M17
T 18	17 45 4	26°37'52	27°5	26°6	18°10	9°16	13°10	8°18	29°56	11°45	6°50	11°13	11°58	18°0	2°20	T 18
W19	17 49 0	27°35'06	9♋3	28°17	19°20	9°52	13°2	8°24	29°56	11°44	6°51	11°11	11°55	18°7	2°20	W19
T 20	17 52 57	28°32'20	21°9	0♋28	20°29	10°28	12°55	8°30	29°57	11°43	6°53	11°9	11°52	18°14	2°21	T 20
F 21	17 56 53	29°29'34	3II25	2°39	21°39	11°5	12°48	8°36	29°58	11°42	6°54	11°7	11°49	18°20	2°22	F 21
S 22	18 0 50	0♋26'48	15°55	4°48	22°48	11°41	12°41	8°42	29°58	11°40	6°56	11°6	11°46	18°27	2°23	S 22
S 23	18 4 47	1°24'02	28°38	6°57	23°58	12°18	12°34	8°47	29°59	11°39	6°57	11°5	11°42	18°34	2°24	S 23
M24	18 8 43	2°21'15	11♋36	9°4	25°8	12°54	12°27	8°53	29°59	11°38	6°59	11°D5	11°39	18°40	2°24	M24
T 25	18 12 40	3°18'28	24°49	11°9	26°17	13°31	12°21	8°59	0♍0	11°37	7°0	11°5	11°36	18°47	2°25	T 25
W26	18 16 36	4°15'41	8♌15	13°14	27°27	14°8	12°14	9°4	0°1	11°36	7°2	11°6	11°33	18°54	2°25	W26
T 27	18 20 33	5°12'53	21°54	15°16	28°37	14°44	12°7	9°10	0°1	11°35	7°3	11°7	11°30	19°1	2°26	T 27
F 28	18 24 29	6°10'06	5♍44	17°17	29°47	15°21	12°1	9°15	0°1	11°33	7°5	11°7	11°27	19°7	2°26	F 28
S 29	18 28 26	7°7'18	19°45	19°15	0II57	15°58	11°55	9°20	0°2	11°32	7°6	11°7	11°23	19°14	2°27	S 29
S 30	18 32 22	8♋4'29	3♌53	21♈12	2II8	16♌34	11♌48	9♋25	0♍2	11♌31	7♋8	11°R7	11♋20	19♍21	2♍27	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	22n 3	4n11	4s24	16n24	1s54	8n59	2s12	21n46	1n25	22s 3	0n38	11n35	2s15	0s51	0s44	17s18	0s 4	20n39	2s41	22s59	22s51	11n 5	3n43	3n12			
S 2	22 11	1s45	4 57	17 0	1 44	9 22	2 13	21 39	1 25	22 2	0 38	11 37	2 15	0 50	0 44	17 18	0 4	20 39	2 41	22 59	22 52	11 7	3 44	3 13			
M 3	22 19	7 41	5 12	17 36	1 34	9 46	2 13	21 30	1 24	22 1	0 38	11 39	2 15	0 49	0 44	17 18	0 4	20 39	2 41	22 59	22 52	11 10	3 44	3 13			
T 4	22 26	13 18	5 8	18 11	1 24	10 9	2 14	21 22	1 24	22 0	0 38	11 41	2 15	0 49	0 44	17 18	0 4	20 39	2 41	23 0	22 52	11 12	3 45	3 13			
W 5	22 33	18 11	4 43	18 47	1 13	10 32	2 14	21 14	1 23	22 0	0 37	11 43	2 15	0 48	0 44	17 18	0 4	20 39	2 41	23 0	22 53	11 15	3 46	3 13			
T 6	22 39	21 58	4 0	19 21	1 2	10 55	2 14	21 5	1 23	21 59	0 37	11 45	2 15	0 48	0 44	17 19	0 4	20 39	2 41	23 0	22 53	11 18	3 47	3 13			
F 7	22 46	24 18	3 2	19 55	0 51	11 17	2 14	20 57	1 23	21 58	0 37	11 47	2 15	0 47	0 44	17 19	0 4	20 39	2 40	23 0	22 53	11 20	3 47	3 13			
S 8	22 51	24 59	1 52	20 29	0 40	11 40	2 14	20 48	1 22	21 57	0 37	11 49	2 16	0 47	0 44	17 19	0 4	20 39	2 40	23 1	22 54	11 23	3 48	3 13			
S 9	22 57	24 2	0 37	21 1	0 29	12 2	2 14	20 39	1 22	21 57	0 37	11 51	2 16	0 46	0 44	17 19	0 4	20 39	2 40	23 1	22 54	11 25	3 49	3 13			
M10	23 2	21 38	0n38	21 32	0 18	12 24	2 13	20 30	1 21	21 56	0 37	11 53	2 16	0 46	0 44	17 20	0 4	20 39	2 40	23 1	22 54	11 28	3 49	3 13			
T 11	23 6	18 7	1 49	22 1	0 7	12 46	2 13	20 21	1 21	21 55	0 37	11 55	2 16	0 45	0 44	17 20	0 4	20 39	2 40	23 1	22 54	11 30	3 50	3 13			
W12	23 10	13 48	2 53	22 29	0n 4	13 8	2 13	20 12	1 21	21 54	0 36	11 57	2 16	0 45	0 44	17 20	0 4	20 39	2 40	23 0	22 55	11 33	3 51	3 14			
T 13	23 14	9 1	3 46	22 54	0 15	13 30	2 12	20 3	1 20	21 54	0 36	11 59	2 16	0 45	0 45	17 20	0 4	20 39	2 40	23 0	22 55	11 35	3 51	3 14			
F 14	23 17	3 59	4 28	23 18	0 25	13 51	2 11	19 53	1 20	21 53	0 36	12 1	2 16	0 44	0 45	17 21	0 4	20 39	2 40	23 0	22 55	11 38	3 52	3 14			
S 15	23 20	1n 7	4 57	23 39	0 35	14 12	2 11	19 43	1 19	21 52	0 36	12 3	2 17	0 44	0 45	17 21	0 4	20 39	2 40	23 0	22 56	11 40	3 52	3 14			
S 16	23 23	6 5	5 12	23 58	0 45	14 33	2 10	19 34	1 19	21 51	0 36	12 5	2 17	0 43	0 45	17 21	0 4	20 39	2 40	23 0	22 56	11 43	3 53	3 14			
M17	23 25	10 49	5 15	24 15	0 54	14 53	2 9	19 24	1 19	21 51	0 36	12 6	2 17	0 43	0 45	17 21	0 4	20 39	2 40	23 0	22 56	11 45	3 53	3 14			
T 18	23 26	15 10	5 4	24 28	1 3	15 13	2 8	19 14	1 18	21 50	0 36	12 8	2 17	0 43	0 45	17 22	0 4	20 39	2 40	23 0	22 56	11 48	3 54	3 14			
W19	23 28	18 56	4 39	24 39	1 11	15 33	2 7	19 4	1 18	21 49	0 35	12 10	2 17	0 42	0 45	17 22	0 4	20 39	2 40	23 1	22 57	11 50	3 54	3 14			
T 20	23 28	21 58	4 2	24 47	1 18	15 53	2 6	18 53	1 18	21 48	0 35	12 12	2 17	0 42	0 45	17 22	0 4	20 39	2 40	23 1	22 57	11 53	3 55	3 14			
F 21	23 29	24 2	3 13	24 52	1 25	16 12	2 5	18 43	1 17	21 48	0 35	12 13	2 17	0 42	0 45	17 23	0 4	20 39	2 39	23 1	22 57	11 55	3 55	3 15			
S 22	23 29	24 58	2 15	24 55	1 31	16 31	2 3	18 32	1 17	21 47	0 35	12 15	2 18	0 42	0 45	17 23	0 4	20 39	2 39	23 1	22 58	11 58	3 55	3 15			
S 23	23 28	24 37	1 8	24 54	1 37	16 50	2 2	18 22	1 16	21 46	0 35	12 17	2 18	0 42	0 45	17 23	0 4	20 39	2 39	23 1	22 58	12 0	3 56	3 15			
M24	23 28	22 56	0s 3	24 51	1 41	17 8	2 0	18 11	1 16	21 45	0 35	12 18	2 18	0 41	0 45	17 24	0 4	20 39	2 39	23 1	22 58	12 3	3 56	3 15			
T 25	23 26	19 58	1 15	24 45	1 45	17 26	1 59	18 0	1 16	21 45	0 34	12 20	2 18	0 41	0 45	17 24	0 4	20 39	2 39	23 1	22 58	12 5	3 57	3 15			
W26	23 25	15 54	2 25	24 37	1 48	17 43	1 57	17 49	1 15	21 44	0 34	12 22	2 18	0 41	0 45	17 24	0 4	20 39	2 39	23 1	22 59	12 8	3 57	3 15			
T 27	23 23	10 58	3 27	24 26	1 51	18 1	1 56	17 38	1 15	21 43	0 34	12 23	2 18	0 41	0 45	17 25	0 4	20 39	2 39	23 1	22 59	12 10	3 57	3 15			
F 28	23 20	5 25	4 19	24 13	1 52	18 17	1 54	17 27	1 14	21 43	0 34	12 25	2 19	0 41	0 45	17 25	0 4	20 39	2 39	23 1	22 59	12 13	3 57	3 15			
S 29	23 17	0s27	4 55	23 58	1 53	18 34	1 52	17 15	1 14	21 42	0 34	12 26	2 19	0 41	0 45	17 25	0 4	20 39	2 39	23 1	23 0	12 15	3 58	3 16			
S 30	23n14	6s21	5s14	23n40	1n53	18n49	1s50	17n 4	1n13	21s41	0n34	12n28	2s19	0s41	0s45	17s26	0s 4	20n39	2s39	23s 1	23s 0	12n18	3n58	3n16			

ASTRODIENST EPHEMERIS for the year 1675

geocentric

JULY 1675 GC

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 36 19	9 ⁵⁵ 1'40	18 ²² 8	23 ⁵⁶ 7	3 ¹¹ 18	17 ⁰¹ 11	11 ⁰⁴ 42	9 ³¹ 31	0 ⁰⁷ 2	11 ⁰⁴ 30	7 ⁵⁵ 9	11 ⁰⁴ 7	11 ⁰³ 17	19 ⁰⁷ 28	2 ⁰⁷ 27	M 1
T 2	18 40 16	9 ⁵⁸ 51	2 ¹¹ 26	25 ⁰ 1	4 ²⁸ 17	17 ⁴⁸ 11	11 ³⁶ 36	9 ³⁶ 0	0 ² 2	11 ²⁸ 28	7 ¹¹ 11	11 ⁰³ 7	11 ⁰¹ 14	19 ³⁴ 19	2 ²⁷ 27	T 2
W 3	18 44 12	10 ⁵⁶ 02	16 ⁴⁴ 16	26 ⁵² 16	5 ³⁸ 18	18 ²⁵ 11	11 ³⁰ 30	9 ⁴¹ 0	0 ² 2	11 ²⁷ 27	7 ¹² 12	11 ⁰⁴ 7	11 ⁰¹ 11	19 ⁴¹ 19	2 ²⁸ 28	W 3
T 4	18 48 9	11 ⁵³ 13	0 ⁵⁹ 28	28 ⁴¹ 6	6 ⁴⁹ 19	1 ⁰ 11	11 ²⁵ 25	9 ⁴⁶ 0	0 ³ 3	11 ²⁶ 26	7 ¹⁴ 14	11 ⁰⁷ 7	11 ⁰⁷ 7	19 ⁴⁸ 19	2 ²⁸ 28	T 4
F 5	18 52 5	12 ⁵⁰ 24	15 ⁰ 7	0 ²⁸ 10	7 ⁵⁹ 19	19 ³⁸ 11	11 ¹⁹ 19	9 ⁵⁰ 0	0 ³ 3	11 ²⁴ 24	7 ¹⁵ 15	11 ⁰⁷ 7	11 ⁰⁴ 4	19 ⁵⁴ 19	2 ²⁸ 28	F 5
S 6	18 56 2	13 ⁴⁷ 35	29 ⁰ 5	2 ¹³ 9	9 ¹⁰ 20	20 ¹⁵ 11	11 ¹⁴ 14	9 ⁵⁵ 0	0 ³ 3	11 ²³ 23	7 ¹⁷ 17	11 ⁰⁸ 8	11 ⁰¹ 1	20 ⁰ 1	2 ²⁸ 28	S 6
S 7	18 59 58	14 ⁴⁴ 46	12 ³⁴ 9	3 ⁵⁶ 10	10 ²⁰ 20	20 ⁵² 11	11 ⁰⁸ 8	10 ⁰ 0	0 ³ 3	11 ²¹ 21	7 ¹⁸ 18	11 ⁰⁸ 8	10 ⁵⁸ 10	20 ⁰⁸ 20	2 ²⁸ 28	S 7
M 8	19 3 55	15 ⁴¹ 57	26 ¹⁷ 5	5 ³⁷ 11	11 ³¹ 21	21 ²⁹ 11	11 ⁰³ 3	10 ⁴ 4	0 ² 2	11 ²⁰ 20	7 ²⁰ 20	11 ⁰⁸ 8	10 ⁵⁵ 10	20 ¹⁵ 20	2 ²⁸ 28	M 8
T 9	19 7 52	16 ³⁹ 09	9 ²⁶ 7	7 ¹⁷ 12	12 ⁴² 22	22 ⁶ 10	10 ⁵⁸ 10	10 ⁹ 9	0 ² 2	11 ¹⁹ 19	7 ²¹ 21	11 ⁰⁷ 7	10 ⁵² 10	20 ²¹ 20	2 ²⁷ 27	T 9
W10	19 11 48	17 ³⁶ 20	22 ¹⁸ 8	8 ⁵⁴ 13	13 ⁵³ 22	22 ⁴³ 10	10 ⁵³ 10	10 ¹³ 10	0 ² 2	11 ¹⁷ 17	7 ²³ 23	11 ⁰⁶ 6	10 ⁴⁸ 10	20 ²⁸ 20	2 ²⁷ 27	W10
T 11	19 15 45	18 ³³ 33	4 ⁵² 10	10 ²⁹ 15	15 ³ 23	23 ²⁰ 10	10 ⁴⁹ 10	10 ¹⁸ 10	0 ² 2	11 ¹⁶ 16	7 ²⁴ 24	11 ⁰⁶ 6	10 ⁴⁵ 10	20 ³⁵ 20	2 ²⁷ 27	T 11
F 12	19 19 41	19 ³⁰ 46	17 ¹¹ 12	12 ² 16	16 ¹⁴ 23	23 ⁵⁷ 10	10 ⁴⁴ 10	10 ²² 10	0 ¹ 1	11 ¹⁴ 14	7 ²⁶ 26	11 ⁰⁵ 5	10 ⁴² 10	20 ⁴¹ 20	2 ²⁷ 27	F 12
S 13	19 23 38	20 ²⁷ 59	29 ¹⁷ 13	13 ³⁴ 17	17 ²⁵ 24	24 ³⁴ 10	10 ⁴⁰ 10	10 ²⁶ 10	0 ¹ 1	11 ¹³ 13	7 ²⁷ 27	11 ⁰⁴ 4	10 ³⁹ 10	20 ⁴⁸ 20	2 ²⁶ 26	S 13
S 14	19 27 34	21 ²⁵ 13	11 ⁰⁷ 15	15 ³ 18	18 ³⁶ 25	25 ¹¹ 10	10 ³⁵ 10	10 ³⁰ 10	0 ¹ 1	11 ¹¹ 11	7 ²⁹ 29	11 ⁰³ 3	10 ³⁶ 10	20 ⁵⁵ 20	2 ²⁶ 26	S 14
M15	19 31 31	22 ²² 28	23 ⁰ 9	16 ³⁰ 19	19 ⁴⁷ 25	25 ⁴⁸ 10	10 ³¹ 10	10 ³⁴ 10	0 ⁰ 0	11 ¹⁰ 10	7 ³⁰ 30	11 ⁰³ 3	10 ³³ 10	21 ⁰² 21	2 ²⁵ 25	M15
T 16	19 35 27	23 ¹⁹ 44	5 ³ 17	17 ⁵⁵ 20	20 ⁵⁹ 26	26 ²⁵ 10	10 ²⁷ 10	10 ³⁸ 29	11 ⁰⁸ 8	7 ³² 32	11 ⁰³ 3	10 ²⁹ 10	21 ⁰⁸ 21	2 ²⁵ 25	2 ²⁵ 25	T 16
W17	19 39 24	24 ¹⁷ 00	17 ² 19	19 ¹⁹ 22	22 ¹⁰ 27	27 ³ 10	10 ²⁴ 10	10 ⁴² 29	11 ⁰⁷ 7	7 ³³ 33	11 ⁰⁴ 4	10 ²⁶ 10	21 ¹⁵ 21	2 ²⁴ 24	2 ²⁴ 24	W17
T 18	19 43 20	25 ¹⁴ 18	29 ¹⁰ 20	20 ⁴⁰ 23	23 ²¹ 27	27 ⁴⁰ 10	10 ²⁰ 10	10 ⁴⁶ 29	11 ⁰⁵ 5	7 ³⁵ 35	11 ⁰⁵ 5	10 ²³ 10	21 ²² 21	2 ²⁴ 24	2 ²⁴ 24	T 18
F 19	19 47 17	26 ¹¹ 36	11 ³² 21	21 ⁵⁸ 24	24 ³³ 28	28 ¹⁷ 10	10 ¹⁶ 10	10 ⁵⁰ 29	11 ⁰⁴ 4	7 ³⁶ 36	11 ⁰⁶ 6	10 ²⁰ 10	21 ²⁹ 21	2 ²³ 23	2 ²³ 23	F 19
S 20	19 51 14	27 ⁰⁸ 55	24 ¹⁰ 23	23 ¹⁵ 25	25 ⁴⁴ 28	28 ⁵⁴ 10	10 ¹³ 10	10 ⁵³ 29	11 ⁰² 2	7 ³⁷ 37	11 ⁰⁷ 7	10 ¹⁷ 10	21 ³⁵ 21	2 ²² 22	2 ²² 22	S 20
S 21	19 55 10	28 ⁰⁶ 15	7 ⁵⁶ 24	24 ²⁹ 26	26 ⁵⁵ 29	29 ³² 10	10 ¹⁰ 10	10 ⁵⁷ 29	11 ⁰⁰ 0	7 ³⁹ 39	11 ⁰⁸ 8	10 ¹³ 10	21 ⁴² 21	2 ²¹ 21	2 ²¹ 21	S 21
M22	19 59 7	29 ⁰³ 36	20 ²³ 25	25 ⁴¹ 28	28 ⁰⁷ 0	0 ⁹ 10	10 ⁰⁷ 11	11 ⁰⁰ 29	10 ⁵⁹ 10	7 ⁴⁰ 40	11 ⁰⁸ 8	10 ¹⁰ 10	21 ⁴⁹ 21	2 ²¹ 21	2 ²¹ 21	M22
T 23	20 3 3	0 ⁵⁷ 36	3 ⁵² 26	26 ⁵¹ 29	29 ¹⁹ 0	0 ⁴⁶ 10	10 ⁰⁴ 11	11 ⁰⁴ 29	10 ⁵⁷ 10	7 ⁴² 42	11 ⁰⁷ 7	10 ⁰⁷ 10	21 ⁵⁵ 21	2 ²⁰ 20	2 ²⁰ 20	T 23
W24	20 7 0	0 ⁵⁸ 19	17 ⁵¹ 27	27 ⁵⁸ 0	0 ³⁰ 1	1 ²⁴ 10	10 ⁰² 11	11 ⁰⁷ 29	10 ⁵⁶ 10	7 ⁴³ 43	11 ⁰⁵ 5	10 ⁰⁴ 10	22 ⁰² 22	2 ¹⁹ 19	2 ¹⁹ 19	W24
T 25	20 10 56	1 ⁵⁵ 42	1 ⁵⁷ 29	29 ⁰³ 1	1 ⁴² 2	2 ⁰ 10	10 ⁰⁰ 11	11 ¹⁰ 29	10 ⁵³ 10	7 ⁴⁵ 45	11 ⁰² 2	10 ⁰¹ 10	22 ⁰⁹ 22	2 ¹⁸ 18	2 ¹⁸ 18	T 25
F 26	20 14 53	2 ⁵³ 05	16 ¹³ 0	0 ⁵ 2	2 ⁵⁴ 3	2 ³⁹ 9	9 ⁵⁷ 11	11 ¹³ 29	10 ⁵² 10	7 ⁴⁶ 46	10 ⁵⁹ 10	9 ⁵⁸ 9	22 ¹⁶ 22	2 ¹⁷ 17	2 ¹⁷ 17	F 26
S 27	20 18 50	3 ⁵⁰ 29	0 ³⁴ 1	1 ⁰ 4	4 ⁰ 5	3 ¹⁶ 9	9 ⁵⁵ 11	11 ¹⁶ 29	10 ⁵¹ 10	7 ⁴⁷ 47	10 ⁵⁷ 10	9 ⁵⁴ 9	22 ²² 22	2 ¹⁶ 16	2 ¹⁶ 16	S 27
S 28	20 22 46	4 ⁴⁷ 54	14 ⁵⁵ 2	2 ⁰ 1	5 ¹⁷ 5	3 ⁵⁴ 9	9 ⁵³ 11	11 ¹⁹ 29	10 ⁴⁹ 10	7 ⁴⁹ 49	10 ⁵⁵ 10	9 ⁵¹ 9	22 ²⁹ 22	2 ¹⁴ 14	2 ¹⁴ 14	S 28
M29	20 26 43	5 ⁴⁵ 19	29 ¹³ 2	2 ⁵⁴ 6	6 ²⁹ 4	3 ⁵¹ 9	9 ⁵² 11	11 ²² 29	10 ⁴⁸ 10	7 ⁵⁰ 50	10 ⁵³ 10	9 ⁴⁸ 9	22 ³⁶ 22	2 ¹³ 13	2 ¹³ 13	M29
T 30	20 30 39	6 ⁴² 45	13 ²⁴ 3	3 ⁴⁴ 7	7 ⁴¹ 5	9 ⁰ 9	9 ⁵⁰ 11	11 ²⁴ 29	10 ⁴⁶ 10	7 ⁵¹ 51	10 ⁵³ 10	9 ⁴⁵ 9	22 ⁴² 22	2 ¹² 12	2 ¹² 12	T 30
W31	20 34 36	7 ⁴⁰ 12	27 ²⁷ 4	4 ³¹ 8	8 ⁵³ 5	5 ⁴⁷ 9	9 ⁴⁹ 11	11 ²⁷ 29	10 ⁴⁴ 10	7 ⁵³ 53	10 ⁵⁴ 10	9 ⁴² 9	22 ⁴⁹ 22	2 ¹¹ 11	2 ¹¹ 11	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	decl	lat	decl	lat
M 1	23n10	11s58	5s14	23n21	1n53	19n 5	1s48	16n52	1n13	21s41	0n33	12n29	2s19	0s41	0s45	17s26	0s 4	20n39	2s39	23s 1	23s 0	12n20	3n58	3n16									
T 2	23 6	16 57	4 55	23 0	1 52	19 20	1 46	16 41	1 13	21 40	0 33	12 31	2 19	0 41	0 45	17 26	0 4	20 39	2 39	23 1	23 0	12 23	3 58	3 16									
W 3	23 2	20 59	4 18	22 37	1 50	19 34	1 44	16 29	1 12	21 39	0 33	12 32	2 19	0 40	0 45	17 27	0 4	20 39	2 39	23 1	23 1	12 25	3 59	3 16									
T 4	22 57	23 44	3 25	22 13	1 48	19 49	1 42	16 17	1 12	21 39	0 33	12 33	2 20	0 40	0 45	17 27	0 4	20 39	2 39	23 1	23 1	12 28	3 59	3 16									
F 5	22 52	24 57	2 19	21 47	1 45	20 2	1 40	16 5	1 11	21 38	0 33	12 35	2 20	0 41	0 45	17 28	0 4	20 39	2 39	23 1	23 1	12 30	3 59	3 16									
S 6	22 46	24 35	1 6	21 21	1 41	20 15	1 38	15 53	1 11	21 38	0 32	12 36	2 20	0 41	0 45	17 28	0 4	20 38	2 39	23 1	23 1	12 32	3 59	3 16									
S 7	22 40	22 42	0n 9	20 53	1 37	20 28	1 35	15 41	1 11	21 37	0 32	12 37	2 20	0 41	0 45	17 28	0 4	20 38	2 39	23 1	23 2	12 35	3 59	3 16									
M 8	22 33	19 34	1 23	20 23	1 32	20 40	1 33	15 29	1 10	21 37	0 32	12 39	2 20	0 41	0 45	17 29	0 4	20 38	2 39	23 1	23 2	12 37	3 59	3 17									
T 9	22 27	15 30	2 30	19 53	1 27	20 52	1 31	15 16	1 10	21 36	0 32	12 40	2 21	0 41	0 45	17 29	0 4	20 38	2 38	23 1	23 2	12 40	3 59	3 17									
W10	22 19	10 49	3 29	19 23	1 22	21 3	1 28	15 4	1 9	21 36	0 32	12 41	2 21	0 41	0 45	17 30	0 4	20 38	2 38	23 1	23 2	12 42	3 59	3 17									
T 11	22 12	5 47	4 15	18 51	1 15	21 13	1 26	14 51	1 9	21 35	0 32	12 42	2 21	0 41	0 46	17 30	0 4	20 38	2 38	23 1	23 3	12 45	3 59	3 17									
F 12	22 4	0 38	4 49	18 19	1 9	21 23	1 23	14 38	1 9	21 35	0 31	12 43	2 21	0 41	0 46	17 30	0 4	20 38	2 38	23 1	23 3	12 47	3 59	3 17									
S 13	21 55	4n27	5 10	17 46	1 2	21 33	1 21	14 26	1 8	21 34	0 31	12 44	2 21	0 41	0 46	17 31	0 5	20 38	2 38	23 1	23 3	12 49	3 59	3 17									
S 14	21 46	9 18	5 16	17 13	0 54	21 41	1 18	14 13	1 8	21 34	0 31	12 45	2 22	0 42	0 46	17 31	0 5	20 38	2 38	23 1	23 3	12 52	3 59	3 17									
M15	21 37	13 48	5 9	16 39	0 46	21 50	1 16	14 0	1 7	21 33	0 31	12 47	2 22	0 42	0 46	17 32	0 5	20 38	2 38	23 1	23 4	12 54	3 59	3 17									
T 16	21 28	17 46	4 49	16 5	0 38	21 57	1 13	13 47	1 7	21 33	0 31	12 48	2 22	0 42	0 46	17 32	0 5	20 38	2 38	23 1	23 4	12 57	3 59	3 17									
W17	21 18	21 3	4 16	15 31	0 29	22 5	1 10	13 34	1 6	21 33	0 30	12 49	2 22	0 42	0 46	17 33	0 5	20 38	2 38	23 1	23 4	12 59	3 59	3 18									
T 18	21 8	23 27	3 32	14 57	0 20	22 11	1 8	13 20	1 6	21 32	0 30	12 49	2 22	0 43	0 46	17 33	0 5	20 38	2 38	23 1	23 4	13 1	3 58	3 18									
F 19	20 57	24 47	2 36	14 23	0 11	22 17	1 5	13 7	1 6	21 32	0 30	12 50	2 23	0 43	0 46	17 33	0 5	20 38	2 38	23 1	23 5	13 4	3 58	3 18									
S 20	20 46	24 53	1 32	13 49	0 1	22 22	1 2	12 54	1 5	21 32	0 30	12 51	2 23	0 43	0 46	17 34	0 5	20 38	2 38	23 1	23 5	13 6	3 58	3 18									
S 21	20 35	23 40	0 22	13 15	0s 9	22 27	1 0	12 40	1 5	21 32	0 30	12 52	2 23	0 43	0 46	17 34	0 5	20 38	2 38	23 1	23 5	13 9	3 58	3 18									
M22	20 23	21 6	0s51	12 41	0 19	22 31	0 57	12 26	1 4	21 31	0 29	12 53	2 23	0 44	0 46	17 35	0 5	20 38	2 38	23 1	23 5	13 11	3 58	3 18									
T 23	20 11	17 19	2 3	12 7	0 29	22 35	0 54	12 13	1 4	21 31	0 29	12 54	2 24	0 44	0 46	17 35	0 5	20 38	2 38	23 1	23 6	13 13	3 57	3 18									
W24	19 59	12 31	3 9	11 34	0 40	22 38	0 51	11 59	1 3	21 31	0 29	12 55	2 24	0 44	0 46	17 36	0 5	20 38	2 38	23 1	23 6	13 16	3 57	3 18									
T 25	19 46	7 0	4 4	11 1	0 51	22 40	0 48	11 45	1 3	21 31	0 29	12 55	2 24	0 45	0 46	17 36	0 5	20 38	2 38	23 1	23 6	13 18	3 57	3 18									
F 26	19 33	1 4	4 45	10 29	1 2	22 42	0 45	11 31	1 3	21 31	0 29	12 56	2 24	0 45	0 46	17 37	0 5	20 38	2 38	23 2	23 6	13 20	3 56	3 18									
S 27	19 20	4s57	5 9	9 58	1 14	22 42	0 43	11 17	1 2	21 31	0 28	12 57	2 24	0 46	0 46	17 37	0 5	20 38	2 38	23 2	23 7	13 23	3 56	3 19									
S 28	19 6	10 42	5 13	9 27	1 25	22 43	0 40	11 3	1 2	21 30	0 28	12 57	2 25	0 46	0 46	17 38	0 5	20 38	2 38	23 2	23 7	13 25	3 56	3 19									
M29	18 52	15 51	4 58	8 57	1 37	22 43	0 37	10 49	1 1	21 30	0 28	12 58	2 25	0 47	0 46	17 38	0 5	20 38	2 38	23 2	23 7	13 28	3 55	3 19									
T 30	18 38	20 6	4 25	8 28	1 49	22 42	0 34	10 35	1 1	21 30	0 28	12 59	2 25	0 47	0 46	17 38	0 5	20 37	2 38	23 2	23 7	13 30	3 55	3 19									
W31	18n23	23s 8	3s36	8n 0	2s 1	22n40	0s31	10n21	1n 0	21s30	0n28	12n59	2s25	0s48	0s46	17s39	0s 5	20n37	2s38	23s 2	23s 8	13n32	3n54	3n19									

ASTRODIENST EPHEMERIS for the year 1675
geocentric

AUGUST 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 38 32	8♂3739	11♂20	5♂15	10♂5	6♂24	9♂R48	11♂29	29♂R46	10♂R43	7♂54	10♂56	9♂39	22♂Y56	2♂R 9	T 1
F 2	20 42 29	9°35'07	25° 3	5°54	11°17	7° 2	9♂47	11°32	29♂44	10♂41	7°55	10°57	9°35	23° 3	2♂Y 8	F 2
S 3	20 46 25	10°32'36	8♂34	6°30	12°29	7°40	9°46	11°34	29°43	10°39	7°57	10°R58	9°32	23° 9	2° 6	S 3
S 4	20 50 22	11°30'06	21°53	7° 2	13°42	8°18	9°46	11°36	29°42	10°38	7°58	10°58	9°29	23°16	2° 5	S 4
M 5	20 54 19	12°27'37	5♂ 0	7°30	14°54	8°55	9°45	11°38	29°40	10°36	7°59	10°56	9°26	23°23	2° 3	M 5
T 6	20 58 15	13°25'09	17°53	7°53	16° 6	9°33	9°D45	11°40	29°39	10°35	8° 1	10°52	9°23	23°29	2° 2	T 6
W 7	21 2 12	14°22'42	0♂33	8°12	17°19	10°11	9°45	11°42	29°37	10°33	8° 2	10°47	9°19	23°36	2° 0	W 7
T 8	21 6 8	15°20'16	12°59	8°26	18°31	10°49	9°45	11°44	29°36	10°31	8° 3	10°41	9°16	23°43	1°59	T 8
F 9	21 10 5	16°17'51	25°14	8°34	19°44	11°27	9°46	11°46	29°34	10°30	8° 4	10°35	9°13	23°50	1°57	F 9
S 10	21 14 1	17°15'28	7♂18	8°R38	20°56	12° 5	9°46	11°47	29°33	10°28	8° 6	10°30	9°10	23°56	1°55	S 10
S 11	21 17 58	18°13'07	19°15	8°36	22° 9	12°43	9°47	11°49	29°31	10°26	8° 7	10°25	9° 7	24° 3	1°53	S 11
M12	21 21 54	19°10'47	1♂ 7	8°29	23°21	13°21	9°48	11°50	29°30	10°25	8° 8	10°21	9° 4	24°10	1°51	M12
T 13	21 25 51	20° 8'28	13° 0	8°15	24°34	13°59	9°49	11°51	29°28	10°23	8° 9	10°20	9° 0	24°17	1°50	T 13
W14	21 29 47	21° 6'12	24°57	7°57	25°47	14°37	9°51	11°53	29°26	10°22	8°10	10°D19	8°57	24°23	1°48	W14
T 15	21 33 44	22° 3'57	7♂ 4	7°32	27° 0	15°15	9°52	11°54	29°24	10°20	8°12	10°20	8°54	24°30	1°46	T 15
F 16	21 37 41	23° 1'43	19°26	7° 2	28°13	15°53	9°54	11°54	29°23	10°18	8°13	10°22	8°51	24°37	1°44	F 16
S 17	21 41 37	23°59'31	2♂ 6	6°27	29°26	16°32	9°56	11°55	29°21	10°17	8°14	10°23	8°48	24°43	1°42	S 17
S 18	21 45 34	24°57'21	15° 9	5°47	0♂39	17°10	9°58	11°56	29°19	10°15	8°15	10°R23	8°45	24°50	1°40	S 18
M19	21 49 30	25°55'13	28°37	5° 2	1°52	17°48	10° 0	11°57	29°17	10°14	8°16	10°22	8°41	24°57	1°37	M19
T 20	21 53 27	26°53'06	12♂30	4°14	3° 5	18°26	10° 2	11°57	29°15	10°12	8°17	10°18	8°38	25° 4	1°35	T 20
W21	21 57 23	27°51'01	26°45	3°22	4°18	19° 5	10° 5	11°58	29°13	10°11	8°18	10°13	8°35	25°10	1°33	W21
T 22	22 1 20	28°48'57	11♂18	2°28	5°31	19°43	10° 8	11°58	29°11	10° 9	8°19	10° 6	8°32	25°17	1°31	T 22
F 23	22 5 17	29°46'54	26° 1	1°33	6°44	20°22	10°10	11°58	29° 9	10° 8	8°20	9°58	8°29	25°24	1°29	F 23
S 24	22 9 13	0♂44'53	10♂48	0°38	7°58	21° 0	10°14	11°R58	29° 7	10° 6	8°21	9°51	8°25	25°30	1°26	S 24
S 25	22 13 10	1°42'54	25°29	29♂44	9°11	21°39	10°17	11°58	29° 5	10° 5	8°22	9°45	8°22	25°37	1°24	S 25
M26	22 17 6	2°40'56	10♂ 0	28°52	10°24	22°17	10°20	11°58	29° 3	10° 3	8°23	9°40	8°19	25°44	1°22	M26
T 27	22 21 3	3°38'59	24°15	28° 3	11°38	22°56	10°24	11°58	29° 1	10° 2	8°24	9°38	8°16	25°51	1°19	T 27
W28	22 24 59	4°37'04	8♂14	27°19	12°51	23°34	10°28	11°57	28°59	10° 0	8°25	9°D38	8°13	25°57	1°17	W28
T 29	22 28 56	5°35'10	21°55	26°40	14° 5	24°13	10°32	11°57	28°57	9°59	8°26	9°39	8°10	26° 4	1°14	T 29
F 30	22 32 52	6°33'17	5♂21	26° 8	15°18	24°52	10°36	11°56	28°55	9°57	8°27	9°R39	8° 6	26°11	1°12	F 30
S 31	22 36 49	7♂31'26	18♂31	25♂43	16♂32	25♂30	10♂40	11♂56	28♂53	9♂56	8♂28	9♂39	8♂ 3	26♂17	1♂10	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
T 1	18n 8	24s45	2s35	7n33	2s13	22n38	0s28	10n 6	1n 0	21s30	0n27	13n 0	2s26	0s48	0s46	17s39
F 2	17 53	24 49	1 26	7 7	2 24	22 35	0 25	9 52	0 59	21 31	0 27	13 0	2 26	0 49	0 46	17 40
S 3	17 38	23 25	0 13	6 43	2 36	22 31	0 22	9 37	0 59	21 31	0 27	13 1	2 26	0 49	0 46	17 40
S 4	17 22	20 43	0n59	6 20	2 48	22 27	0 20	9 23	0 59	21 31	0 27	13 1	2 26	0 50	0 46	17 41
M 5	17 6	16 59	2 8	5 59	3 0	22 22	0 17	9 8	0 58	21 31	0 27	13 2	2 27	0 50	0 46	17 41
T 6	16 49	12 31	3 8	5 40	3 11	22 17	0 14	8 53	0 58	21 31	0 26	13 2	2 27	0 51	0 46	17 42
W 7	16 33	7 35	3 58	5 23	3 22	22 11	0 11	8 39	0 57	21 31	0 26	13 2	2 27	0 51	0 46	17 42
T 8	16 16	2 27	4 35	5 8	3 33	22 4	0 8	8 24	0 57	21 31	0 26	13 3	2 27	0 52	0 46	17 43
F 9	15 59	2n41	4 59	4 55	3 44	21 57	0 5	8 9	0 56	21 32	0 26	13 3	2 28	0 53	0 46	17 43
S 10	15 41	7 39	5 10	4 44	3 53	21 49	0 2	7 54	0 56	21 32	0 26	13 3	2 28	0 53	0 46	17 43
S 11	15 24	12 16	5 7	4 36	4 3	21 40	0n 0	7 39	0 55	21 32	0 25	13 3	2 28	0 54	0 46	17 44
M12	15 6	16 25	4 50	4 31	4 11	21 31	0 3	7 24	0 55	21 33	0 25	13 4	2 28	0 55	0 46	17 44
T 13	14 48	19 55	4 22	4 29	4 19	21 21	0 6	7 9	0 55	21 33	0 25	13 4	2 29	0 55	0 46	17 45
W14	14 29	22 37	3 41	4 30	4 25	21 10	0 9	6 54	0 54	21 33	0 25	13 4	2 29	0 56	0 47	17 45
T 15	14 11	24 20	2 51	4 34	4 31	20 59	0 11	6 39	0 54	21 34	0 25	13 4	2 29	0 57	0 47	17 46
F 16	13 52	24 54	1 51	4 41	4 35	20 47	0 14	6 23	0 53	21 34	0 24	13 4	2 29	0 58	0 47	17 46
S 17	13 33	24 13	0 45	4 51	4 38	20 35	0 17	6 8	0 53	21 35	0 24	13 4	2 29	0 58	0 47	17 47
S 18	13 14	22 11	0s26	5 5	4 39	20 22	0 19	5 53	0 52	21 35	0 24	13 4	2 30	0 59	0 47	17 47
M19	12 54	18 54	1 37	5 21	4 39	20 8	0 22	5 37	0 52	21 36	0 24	13 4	2 30	1 0	0 47	17 47
T 20	12 34	14 27	2 44	5 41	4 36	19 54	0 25	5 22	0 51	21 36	0 24	13 4	2 30	1 1	0 47	17 48
W21	12 14	9 7	3 43	6 4	4 32	19 39	0 27	5 6	0 51	21 37	0 24	13 4	2 30	1 1	0 47	17 48
T 22	11 54	3 12	4 29	6 28	4 26	19 24	0 30	4 51	0 50	21 37	0 23	13 4	2 31	1 2	0 47	17 49
F 23	11 34	2s58	4 58	6 55	4 18	19 8	0 32	4 35	0 50	21 38	0 23	13 4	2 31	1 3	0 47	17 49
S 24	11 14	8 58	5 6	7 24	4 8	18 52	0 35	4 20	0 49	21 39	0 23	13 3	2 31	1 4	0 47	17 50
S 25	10 53	14 27	4 55	7 54	3 56	18 35	0 37	4 4	0 49	21 39	0 23	13 3	2 31	1 5	0 47	17 50
M26	10 32	19 1	4 25	8 24	3 43	18 18	0 39	3 48	0 48	21 40	0 23	13 3	2 32	1 5	0 47	17 50
T 27	10 11	22 24	3 39	8 55	3 28	18 0	0 42	3 33	0 48	21 41	0 22	13 2	2 32	1 6	0 47	17 51
W28	9 50	24 21	2 40	9 25	3 12	17 41	0 44	3 17	0 47	21 41	0 22	13 2	2 32	1 7	0 47	17 51
T 29	9 29	24 48	1 34	9 55	2 54	17 22	0 46	3 1	0 47	21 42	0 22	13 2	2 32	1 8	0 47	17 52
F 30	9 7	23 46	0 23	10 23	2 36	17 3	0 48	2 45	0 47	21 43	0 22	13 1	2 33	1 9	0 47	17 52
S 31	8n46	21s25	0n47	10n49	2s18	16n43	0n50	2n30	0n46	21s44	0n22	13n 1	2s33	1s10	0s47	17s52

Julian Day Number = 2333053.5, Delta T = 26.26 sec
Ecliptic obliquity = 23°28'55", Nutation = 0°00'18", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°12'43", Lahiri = 19°19'43"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1675

geocentric

SEPTEMBER 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 46	8 ^m 29'37"	1 ^m 29'	25°R26	17 ^h 045	26 ^m 9	10 ^m 45	11°R55	28°R50	9°R54	8 ^m 29	9°R37	8 ^m 0	26 ^h 24	1°R 7	S 1
M 2	22 44 42	9°27'49"	14°14'	25°D17	18°59'	26°48'	10°49'	11°54'	28°48'	9°53'	8°30'	9°32'	7°57'	26°31'	1°4	M 2
T 3	22 48 39	10°26'02"	26°50'	25°017	20°13'	27°27'	10°54'	11°53'	28°46'	9°52'	8°30'	9°25'	7°54'	26°38'	1° 2	T 3
W 4	22 52 35	11°24'17"	9 ^m 15'	25°26'	21°27'	28° 6'	10°59'	11°52'	28°44'	9°50'	8°31'	9°15'	7°51'	26°44'	0°59'	W 4
T 5	22 56 32	12°22'34"	21°30'	25°44'	22°40'	28°45'	11° 4'	11°51'	28°41'	9°49'	8°32'	9° 4'	7°47'	26°51'	0°57'	T 5
F 6	23 0 28	13°20'53"	3 ^h Y38	26°11'	23°54'	29°24'	11°10'	11°50'	28°39'	9°48'	8°33'	8°52'	7°44'	26°58'	0°54'	F 6
S 7	23 4 25	14°19'14"	15°37'	26°46'	25° 8'	0 ^m 2	11°15'	11°48'	28°37'	9°47'	8°34'	8°41'	7°41'	27° 4'	0°51'	S 7
S 8	23 8 21	15°17'37"	27°31'	27°30'	26°22'	0°41'	11°21'	11°47'	28°34'	9°45'	8°34'	8°30'	7°38'	27°11'	0°49'	S 8
M 9	23 12 18	16°16'02"	9 ^m 22'	28°22'	27°36'	1°21'	11°27'	11°45'	28°32'	9°44'	8°35'	8°22'	7°35'	27°18'	0°46'	M 9
T 10	23 16 14	17°14'29"	21°12'	29°22'	28°50'	2° 0'	11°32'	11°43'	28°30'	9°43'	8°36'	8°17'	7°31'	27°25'	0°43'	T 10
W11	23 20 11	18°12'58"	3 ^h II 7	0 ^m 28'	0 ^m 4	2°39'	11°39'	11°42'	28°27'	9°42'	8°36'	8°14'	7°28'	27°31'	0°41'	W11
T 12	23 24 8	19°11'29"	15°11'	1°42'	1°18'	3°18'	11°45'	11°40'	28°25'	9°40'	8°37'	8°D12	7°25'	27°38'	0°38'	T 12
F 13	23 28 4	20°10'03"	27°30'	3° 1'	2°32'	3°57'	11°51'	11°38'	28°23'	9°39'	8°38'	8°12'	7°22'	27°45'	0°35'	F 13
S 14	23 32 1	21° 8'39"	10 ^m 28'	4°25'	3°47'	4°36'	11°58'	11°36'	28°20'	9°38'	8°38'	8°R13	7°19'	27°51'	0°33'	S 14
S 15	23 35 57	22° 7'17"	23° 9'	5°55'	5° 1'	5°16'	12° 4'	11°33'	28°18'	9°37'	8°39'	8°12'	7°16'	27°58'	0°30'	S 15
M16	23 39 54	23° 5'57"	6 ^m 038	7°28'	6°15'	5°55'	12°11'	11°31'	28°15'	9°36'	8°39'	8° 9'	7°12'	28° 5'	0°27'	M16
T 17	23 43 50	24° 4'39"	20°36'	9° 5'	7°29'	6°34'	12°18'	11°29'	28°13'	9°35'	8°40'	8° 4'	7° 9'	28°12'	0°24'	T 17
W18	23 47 47	25° 3'24"	5 ^m 22'	10°45'	8°44'	7°14'	12°25'	11°26'	28°11'	9°34'	8°40'	7°56'	7° 6'	28°18'	0°21'	W18
T 19	23 51 43	26° 2'10"	19°51'	12°27'	9°58'	7°53'	12°33'	11°24'	28° 8'	9°33'	8°41'	7°46'	7° 3'	28°25'	0°19'	T 19
F 20	23 55 40	27° 0'59"	4 ^m 255	14°11'	11°13'	8°33'	12°40'	11°21'	28° 6'	9°32'	8°41'	7°35'	7° 0'	28°32'	0°16'	F 20
S 21	23 59 37	27°59'50"	20° 5'	15°57'	12°27'	9°12'	12°48'	11°18'	28° 3'	9°31'	8°42'	7°24'	6°56'	28°38'	0°13'	S 21
S 22	0 3 33	28°58'42"	5 ^m 9	17°44'	13°42'	9°52'	12°55'	11°15'	28° 1'	9°30'	8°42'	7°14'	6°53'	28°45'	0°10'	S 22
M23	0 7 30	29°57'36"	19°58'	19°32'	14°56'	10°32'	13° 3'	11°12'	27°59'	9°29'	8°42'	7° 8'	6°50'	28°52'	0° 7'	M23
T 24	0 11 26	0 ^m 56'33"	4 ^m 27	21°20'	16°11'	11°11'	13°11'	11° 9'	27°56'	9°28'	8°43'	7° 3'	6°47'	28°59'	0° 5'	T 24
W25	0 15 23	1°55'31"	18°32'	23° 9'	17°25'	11°51'	13°19'	11° 6'	27°54'	9°27'	8°43'	7° 2'	6°44'	29° 5'	0° 2'	W25
T 26	0 19 19	2°54'30"	2 ^h 313	24°57'	18°40'	12°31'	13°27'	11° 3'	27°51'	9°27'	8°44'	7° 1'	6°41'	29°12'	29 ^h 59'	T 26
F 27	0 23 16	3°53'32"	15°32'	26°46'	19°54'	13°11'	13°36'	11° 0'	27°49'	9°26'	8°44'	7° 1'	6°37'	29°19'	29°56'	F 27
S 28	0 27 12	4°52'35"	28°32'	28°35'	21° 9'	13°50'	13°44'	10°56'	27°47'	9°25'	8°44'	7° 0'	6°34'	29°25'	29°53'	S 28
S 29	0 31 9	5°51'40"	11 ^m 15	0 ^m 23	22°24'	14°30'	13°53'	10°53'	27°44'	9°24'	8°44'	6°57'	6°31'	29°32'	29°51'	S 29
M30	0 35 6	6 ^m 50'46"	23 ^m 46	2 ^h 10	23 ^m 38	15 ^h 10	14 ^h 2	10 ^h 49	27 ^h 42	9 ^m 24	8 ^m 45	6 ^h 51	6 ^h 28	29 ^h Y39	29 ^h 48	M30

Day	☉	☽		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n24	18s 1	1n54	11n12	1s59	16n22	0n53	2n14	0n46	21s44	0n22	13n 1	2s33	1s11	0s47	17s53	0s 5	20n36	2s37	23s 8	23s14	14n45	3n30	3n20	
M 2	8 2	13 49	2 54	11 33	1 39	16 1	0 55	1 58	0 45	21 45	0 21	13 0	2 33	1 12	0 47	17 53	0 5	20 36	2 37	23 8	23 15	14 47	3 29	3 20	
T 3	7 40	9 5	3 44	11 51	1 20	15 40	0 57	1 42	0 45	21 46	0 21	13 0	2 34	1 12	0 47	17 53	0 5	20 36	2 37	23 9	23 15	14 49	3 28	3 20	
W 4	7 18	4 4	4 23	12 6	1 2	15 18	0 58	1 26	0 44	21 47	0 21	12 59	2 34	1 13	0 47	17 54	0 5	20 36	2 37	23 9	23 15	14 52	3 27	3 20	
T 5	6 56	1n 3	4 49	12 17	0 44	14 56	1 0	1 10	0 44	21 48	0 21	12 58	2 34	1 14	0 47	17 54	0 5	20 35	2 37	23 10	23 15	14 54	3 26	3 20	
F 6	6 33	6 3	5 1	12 24	0 26	14 33	1 2	0 54	0 43	21 49	0 21	12 58	2 34	1 15	0 47	17 55	0 5	20 35	2 37	23 11	23 15	14 56	3 25	3 20	
S 7	6 11	10 46	5 0	12 28	0 9	14 10	1 4	0 38	0 43	21 50	0 20	12 57	2 34	1 16	0 47	17 55	0 5	20 35	2 37	23 12	23 16	14 58	3 24	3 20	
S 8	5 48	15 3	4 46	12 28	0n 6	13 47	1 6	0 22	0 42	21 51	0 20	12 57	2 35	1 17	0 47	17 55	0 5	20 35	2 37	23 13	23 16	15 0	3 23	3 20	
M 9	5 26	18 44	4 20	12 24	0 21	13 23	1 7	0 6	0 42	21 52	0 20	12 56	2 35	1 18	0 47	17 56	0 5	20 35	2 37	23 13	23 16	15 3	3 22	3 20	
T 10	5 3	21 40	3 42	12 16	0 35	12 59	1 9	0s10	0 41	21 53	0 20	12 55	2 35	1 19	0 47	17 56	0 5	20 35	2 37	23 13	23 16	15 5	3 21	3 20	
W11	4 40	23 41	2 55	12 4	0 48	12 34	1 10	0 26	0 41	21 54	0 20	12 54	2 35	1 20	0 47	17 56	0 5	20 35	2 37	23 14	23 16	15 7	3 20	3 20	
T 12	4 17	24 38	1 59	11 48	0 59	12 9	1 12	0 42	0 40	21 55	0 20	12 54	2 35	1 21	0 47	17 57	0 5	20 35	2 37	23 14	23 16	15 9	3 19	3 20	
F 13	3 54	24 24	0 57	11 30	1 9	11 44	1 13	0 58	0 40	21 56	0 19	12 53	2 36	1 22	0 47	17 57	0 5	20 35	2 37	23 14	23 17	15 11	3 18	3 20	
S 14	3 31	22 56	0s10	11 7	1 18	11 18	1 15	1 14	0 39	21 57	0 19	12 52	2 36	1 23	0 47	17 57	0 5	20 35	2 37	23 14	23 17	15 13	3 17	3 20	
S 15	3 8	20 12	1 18	10 42	1 26	10 52	1 16	1 30	0 39	21 58	0 19	12 51	2 36	1 24	0 47	17 58	0 5	20 35	2 37	23 14	23 17	15 16	3 15	3 20	
M16	2 45	16 19	2 24	10 13	1 33	10 26	1 17	1 46	0 38	21 59	0 19	12 50	2 36	1 25	0 47	17 58	0 5	20 35	2 37	23 14	23 17	15 18	3 14	3 20	
T 17	2 21	11 25	3 24	9 42	1 39	9 59	1 18	2 2	0 38	22 0	0 19	12 49	2 36	1 26	0 47	17 58	0 5	20 35	2 37	23 14	23 17	15 20	3 13	3 20	
W18	1 58	5 45	4 13	9 9	1 43	9 32	1 19	2 18	0 37	22 1	0 19	12 48	2 37	1 27	0 47	17 58	0 5	20 35	2 37	23 15	23 17	15 22	3 12	3 20	
T 19	1 35	0s22	4 46	8 33	1 47	9 5	1 20	2 34	0 37	22 2	0 19	12 47	2 37	1 28	0 47	17 59	0 5	20 35	2 37	23 15	23 18	15 24	3 11	3 20	
F 20	1 11	6 33	5 0	7 55	1 49	8 38	1 21	2 51	0 36	22 3	0 18	12 46	2 37	1 29	0 47	17 59	0 5	20 35	2 37	23 16	23 18	15 26	3 10	3 20	
S 21	0 48	12 23	4 53	7 15	1 51	8 10	1 22	3 7	0 36	22 4	0 18	12 45	2 37	1 29	0 47	17 59	0 5	20 35	2 37	23 16	23 18	15 28	3 8	3 20	
S 22	0 24	17 26	4 26	6 35	1 52	7 42	1 23	3 23	0 35	22 5	0 18	12 44	2 37	1 30	0 47	17 59	0 5	20 35	2 37	23 17	23 18	15 31	3 7	3 20	
M23	0 1	21 19	3 41	5 52	1 52	7 14	1 24	3 39	0 35	22 7	0 18	12 43	2 38	1 31	0 47	18 0	0 5	20 35	2 37	23 17	23 18	15 33	3 6	3 20	
T 24	0s23	23 44	2 43	5 9	1 52	6 46	1 25	3 55	0 34	22 8	0 18	12 42	2 38	1 32	0 47	18 0	0 5	20 35	2 37	23 18	23 18	15 35	3 5	3 20	
W25	0 46	24 35	1 36	4 25	1 50	6 17	1 25	4 11	0 34	22 9	0 18	12 41	2 38	1 33	0 47	18 0	0 5	20 35	2 37	23 18	23 19	15 37	3 4	3 20	
T 26	1 10	23 53	0 25	3 40	1 48	5 48	1 26	4 27	0 33	22 10	0 17	12 40	2 38	1 34	0 47	18 0	0 5	20 35	2 37	23 18	23 19	15 39	3 3	3 19	
F 27	1 33	21 50	0n45	2 54	1 46	5 20	1 26	4 43	0 33	22 11	0 17	12 39	2 38	1 35	0 47	18 1	0 5	20 35	2 37	23 18	23 19	15 41	3 1	3 19	
S 28	1 56	18 41	1 51	2 8	1 43	4 51	1 27	4 59	0 32	22 12	0 17	12 37	2 38	1 36	0 47	18 1	0 5	20 35	2 37	23 18	23 19	15 43	3 0	3 19	
S 29	2 20	14 42	2 50	1 22	1 39	4 21	1 27	5 15	0 32	22 14	0 17	12 36	2 39	1 37	0 47	18 1	0 5	20 35	2 37	23 18	23 19	15 45	2 59	3 19	
M30	2s43	10s10	3n40	0n36	1n35	3n52	1n27	5s31	0n31	22s15	0n17	12n35	2s39	1s38	0s47	18s 1	0s 5	20n35	2s37	23s18	23s19	15n47	2n58	3n19	

ASTRODIENST EPHEMERIS for the year 1675

geocentric

OCTOBER 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 39 2	7 ⁴⁹ 49'55	6 ¹⁸ 6	3 ⁵⁷ 57	24 ¹¹ 53	15 ⁵⁰ 50	14 ¹⁰ 10	10 ⁴⁶ 46	27 ³⁹ 39	9 ²³ 23	8 ⁴⁵ 45	6 ⁴² 42	6 ²⁵ 25	29 ⁴⁶ 46	29 ⁴⁵ 45	T 1
W 2	0 42 59	8 ⁴⁹ 05	18 ¹⁸ 18	5 ⁴⁴ 44	26 ⁸ 8	16 ³⁰ 30	14 ¹⁹ 19	10 ⁴² 42	27 ³⁷ 37	9 ²² 22	8 ⁴⁵ 45	6 ³⁰ 30	6 ²² 22	29 ⁵² 52	29 ⁴² 42	W 2
T 3	0 46 55	9 ⁴⁸ 18	0 ¹⁷ 23	7 ³⁰ 30	27 ²³ 23	17 ¹⁰ 10	14 ²⁹ 29	10 ³⁸ 38	27 ³⁵ 35	9 ²² 22	8 ⁴⁵ 45	6 ¹⁷ 17	6 ¹⁸ 18	29 ⁵⁹ 59	29 ⁴⁰ 40	T 3
F 4	0 50 52	10 ⁴⁷ 32	12 ²² 22	9 ¹⁵ 15	28 ³⁸ 38	17 ⁵⁰ 50	14 ³⁸ 38	10 ³⁴ 34	27 ³² 32	9 ²¹ 21	8 ⁴⁵ 45	6 ² 2	6 ¹⁵ 15	0 ⁸ 6	29 ³⁷ 37	F 4
S 5	0 54 48	11 ⁴⁶ 48	24 ¹⁷ 17	10 ⁵⁹ 59	29 ⁵² 52	18 ³⁰ 30	14 ⁴⁷ 47	10 ³¹ 31	27 ³⁰ 30	9 ²¹ 21	8 ⁴⁵ 45	5 ⁴⁸ 48	6 ¹² 12	0 ¹² 12	29 ³⁴ 34	S 5
S 6	0 58 45	12 ⁴⁶ 07	6 ⁸ 9	12 ⁴³ 43	1 ¹⁰ 7	19 ¹¹ 11	14 ⁵⁷ 57	10 ²⁷ 27	27 ²⁸ 28	9 ²⁰ 20	8 ⁴⁵ 45	5 ³⁵ 35	6 ⁹ 9	0 ¹⁹ 19	29 ³¹ 31	S 6
M 7	1 2 41	13 ⁴⁵ 28	17 ⁵⁹ 59	14 ²⁶ 26	2 ²² 22	19 ⁵¹ 51	15 ⁶ 6	10 ²³ 23	27 ²⁵ 25	9 ²⁰ 20	8 ⁴⁶ 46	5 ²⁵ 25	6 ⁶ 6	0 ²⁶ 26	29 ²⁹ 29	M 7
T 8	1 6 38	14 ⁴⁴ 51	29 ⁵⁰ 50	16 ⁸ 8	3 ³⁷ 37	20 ³¹ 31	15 ¹⁶ 16	10 ¹⁹ 19	27 ²³ 23	9 ¹⁹ 19	8 ⁴⁶ 46	5 ¹⁸ 18	6 ² 2	0 ³³ 33	29 ²⁶ 26	T 8
W 9	1 10 34	15 ⁴⁴ 16	11 ¹¹ 45	17 ⁵⁰ 50	4 ⁵² 52	21 ¹¹ 11	15 ²⁶ 26	10 ¹⁴ 14	27 ²¹ 21	9 ¹⁹ 19	8 ⁴⁶ 46	5 ¹³ 13	5 ⁵⁹ 59	0 ³⁹ 39	29 ²³ 23	W 9
T 10	1 14 31	16 ⁴³ 44	23 ⁴⁹ 49	19 ³¹ 31	6 ⁷ 7	21 ⁵² 52	15 ³⁵ 35	10 ¹⁰ 10	27 ¹⁹ 19	9 ¹⁸ 18	8 ⁴⁶ 46	5 ¹¹ 11	5 ⁵⁶ 56	0 ⁴⁶ 46	29 ²¹ 21	T 10
F 11	1 18 28	17 ⁴³ 14	6 ⁵ 5	21 ¹¹ 11	7 ²² 22	22 ³² 32	15 ⁴⁵ 45	10 ⁶ 6	27 ¹⁶ 16	9 ¹⁸ 18	8 ⁴⁶ 46	5 ⁰ D11	5 ⁵³ 53	0 ⁵³ 53	29 ¹⁸ 18	F 11
S 12	1 22 24	18 ⁴² 46	18 ³⁸ 38	22 ⁵¹ 51	8 ³⁷ 37	23 ¹³ 13	15 ⁵⁵ 55	10 ² 2	27 ¹⁴ 14	9 ¹⁸ 18	8 ⁴⁶ 46	5 ⁰ R11	5 ⁵⁰ 50	0 ⁵⁹ 59	29 ¹⁶ 16	S 12
S 13	1 26 21	19 ⁴² 21	1 ¹⁰ 34	24 ³⁰ 30	9 ⁵² 52	23 ⁵³ 53	16 ⁶ 6	9 ⁵⁷ 57	27 ¹² 12	9 ¹⁷ 17	8 ⁴⁵ 45	5 ¹⁰ 10	5 ⁴⁷ 47	1 ⁶ 6	29 ¹³ 13	S 13
M14	1 30 17	20 ⁴¹ 57	14 ⁵⁷ 57	26 ⁸ 8	11 ⁷ 7	24 ³⁴ 34	16 ¹⁶ 16	9 ⁵³ 53	27 ¹⁰ 10	9 ¹⁷ 17	8 ⁴⁵ 45	5 ⁸ 8	5 ⁴³ 43	1 ¹³ 13	29 ¹⁰ 10	M14
T 15	1 34 14	21 ⁴¹ 36	28 ⁴⁹ 49	27 ⁴⁵ 45	12 ²² 22	25 ¹⁴ 14	16 ²⁶ 26	9 ⁴⁸ 48	27 ⁸ 8	9 ¹⁷ 17	8 ⁴⁵ 45	5 ³ 3	5 ⁴⁰ 40	1 ¹⁹ 19	29 ⁸ 8	T 15
W16	1 38 10	22 ⁴¹ 18	13 ¹¹ 11	29 ²² 22	13 ³⁷ 37	25 ⁵⁵ 55	16 ³⁷ 37	9 ⁴⁴ 44	27 ⁶ 6	9 ¹⁷ 17	8 ⁴⁵ 45	4 ⁵⁶ 56	5 ³⁷ 37	1 ²⁶ 26	29 ⁵ 5	W16
T 17	1 42 7	23 ⁴¹ 01	28 ⁰ 0	0 ¹¹ 59	14 ⁵² 52	26 ³⁵ 35	16 ⁴⁷ 47	9 ³⁹ 39	27 ⁴ 4	9 ¹⁶ 16	8 ⁴⁵ 45	4 ⁴⁷ 47	5 ³⁴ 34	1 ³³ 33	29 ³ 3	T 17
F 18	1 46 3	24 ⁴⁰ 47	13 ¹⁰ 10	2 ³⁴ 34	16 ⁸ 8	27 ¹⁶ 16	16 ⁵⁸ 58	9 ³⁵ 35	27 ¹ 1	9 ¹⁶ 16	8 ⁴⁵ 45	4 ³⁷ 37	5 ³¹ 31	1 ⁴⁰ 40	29 ⁰ 0	F 18
S 19	1 50 0	25 ⁴⁰ 35	28 ²⁹ 29	4 ¹⁰ 10	17 ²³ 23	27 ⁵⁷ 57	17 ⁹ 9	9 ³⁰ 30	26 ⁵⁹ 59	9 ¹⁶ 16	8 ⁴⁴ 44	4 ²⁶ 26	5 ²⁸ 28	1 ⁴⁶ 46	28 ⁵⁸ 58	S 19
S 20	1 53 57	26 ⁴⁰ 25	13 ¹¹ 46	5 ⁴⁴ 44	18 ³⁸ 38	28 ³⁸ 38	17 ²⁰ 20	9 ²⁵ 25	26 ⁵⁷ 57	9 ¹⁶ 16	8 ⁴⁴ 44	4 ¹⁷ 17	5 ²⁴ 24	1 ⁵³ 53	28 ⁵⁶ 56	S 20
M21	1 57 53	27 ⁴⁰ 16	28 ⁵² 52	7 ¹⁸ 18	19 ⁵³ 53	29 ¹⁹ 19	17 ³¹ 31	9 ²¹ 21	26 ⁵⁵ 55	9 ¹⁶ 16	8 ⁴⁴ 44	4 ¹⁰ 10	5 ²¹ 21	2 ⁰ 0	28 ⁵³ 53	M21
T 22	2 1 50	28 ⁴⁰ 10	13 ¹¹ 36	8 ⁵² 52	21 ⁸ 8	29 ⁵⁹ 59	17 ⁴² 42	9 ¹⁶ 16	26 ⁵⁴ 54	9 ¹⁶ 16	8 ⁴⁴ 44	4 ⁶ 6	5 ¹⁸ 18	2 ⁶ 6	28 ⁵¹ 51	T 22
W23	2 5 46	29 ⁴⁰ 05	27 ⁵⁴ 54	10 ²⁵ 25	22 ²⁴ 24	0 ¹¹ 40	17 ⁵³ 53	9 ¹¹ 11	26 ⁵² 52	9 ¹⁶ 16	8 ⁴³ 43	4 ⁰ D 5	5 ¹⁵ 15	2 ¹³ 13	28 ⁴⁹ 49	W23
T 24	2 9 43	0 ¹¹ 40'02	11 ¹¹ 34	11 ⁵⁸ 58	23 ³⁹ 39	1 ²¹ 21	18 ⁴ 4	9 ⁶ 6	26 ⁵⁰ 50	9 ¹⁶ 16	8 ⁴³ 43	4 ⁵ 5	5 ¹² 12	2 ²⁰ 20	28 ⁴⁶ 46	T 24
F 25	2 13 39	1 ⁴⁰ 01	25 ⁷ 7	13 ³⁰ 30	24 ⁵⁴ 54	2 ² 2	18 ¹⁶ 16	9 ² 2	26 ⁴⁸ 48	9 ¹⁶ 16	8 ⁴³ 43	4 ⁵ 5	5 ⁸ 8	2 ²⁷ 27	28 ⁴⁴ 44	F 25
S 26	2 17 36	2 ⁴⁰ 01	8 ¹¹ 7	15 ¹ 1	26 ⁹ 9	2 ⁴³ 43	18 ²⁷ 27	8 ⁵⁷ 57	26 ⁴⁶ 46	9 ¹⁶ 16	8 ⁴² 42	4 ⁰ R 5	5 ⁵ 5	2 ³³ 33	28 ⁴² 42	S 26
S 27	2 21 32	3 ⁴⁰ 03	20 ⁴⁷ 47	16 ³² 32	27 ²⁵ 25	3 ²⁵ 25	18 ³⁹ 39	8 ⁵² 52	26 ⁴⁴ 44	9 ¹⁷ 17	8 ⁴² 42	4 ⁴ 4	5 ² 2	2 ⁴⁰ 40	28 ⁴⁰ 40	S 27
M28	2 25 29	4 ⁴⁰ 06	3 ¹¹ 10	18 ³ 3	28 ⁴⁰ 40	4 ⁶ 6	18 ⁵⁰ 50	8 ⁴⁷ 47	26 ⁴² 42	9 ¹⁷ 17	8 ⁴¹ 41	4 ⁰ 0	4 ⁵⁹ 59	2 ⁴⁷ 47	28 ³⁷ 37	M28
T 29	2 29 26	5 ⁴⁰ 11	15 ²² 22	19 ³³ 33	29 ⁵⁵ 55	4 ⁴⁷ 47	19 ² 2	8 ⁴² 42	26 ⁴¹ 41	9 ¹⁷ 17	8 ⁴¹ 41	3 ⁵⁴ 54	4 ⁵⁶ 56	2 ⁵³ 53	28 ³⁵ 35	T 29
W30	2 33 22	6 ⁴⁰ 18	27 ²⁵ 25	21 ³ 3	1 ¹¹ 10	5 ²⁸ 28	19 ¹⁴ 14	8 ³⁷ 37	26 ³⁹ 39	9 ¹⁷ 17	8 ⁴¹ 41	3 ⁴⁵ 45	4 ⁵³ 53	3 ⁰ 0	28 ³³ 33	W30
T 31	2 37 19	7 ¹¹ 40'26	9 ¹¹ 22	22 ¹¹ 32	2 ¹¹ 26	6 ¹¹ 9	19 ¹¹ 25	8 ¹¹ 33	26 ¹¹ 37	9 ¹¹ 18	8 ¹¹ 40	3 ¹¹ 35	4 ¹¹ 49	3 ¹¹ 7	28 ¹¹ 31	T 31

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	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
T 1	3s 7	5s17	4n19	0s11	1n31	3n23	1n28	5s46	0n30	22s16	0n17	12n34	2s39	1s39	0s47	18s 1	0s 5	20n35	2s37	23s19	23s20	15n49	2n57	3n19							
W 2	3 30	0 16	4 45	0 57	1 27	2 53	1 28	6 2	0 30	22 17	0 17	12 33	2 39	1 40	0 47	18 2	0 5	20 35	2 37	23 19	23 20	15 51	2 55	3 19							
T 3	3 53	4n42	4 58	1 44	1 22	2 23	1 28	6 18	0 29	22 18	0 16	12 31	2 39	1 41	0 47	18 2	0 5	20 35	2 37	23 20	23 20	15 54	2 54	3 19							
F 4	4 17	9 28	4 58	2 30	1 16	1 53	1 28	6 34	0 29	22 20	0 16	12 30	2 39	1 42	0 47	18 2	0 5	20 35	2 37	23 21	23 20	15 56	2 53	3 19							
S 5	4 40	13 50	4 44	3 16	1 11	1 24	1 28	6 50	0 28	22 21	0 16	12 29	2 39	1 43	0 47	18 2	0 5	20 34	2 37	23 21	23 20	15 58	2 52	3 19							
S 6	5 3	17 39	4 19	4 2	1 5	0 54	1 28	7 6	0 28	22 22	0 16	12 27	2 39	1 44	0 47	18 2	0 5	20 34	2 37	23 22	23 20	16 0	2 51	3 18							
M 7	5 26	20 46	3 42	4 47	0 59	0 24	1 28	7 21	0 27	22 23	0 16	12 26	2 40	1 44	0 47	18 2	0 5	20 34	2 37	23 22	23 20	16 2	2 49	3 18							
T 8	5 49	23 0	2 55	5 32	0 53	0s 6	1 27	7 37	0 27	22 24	0 16	12 25	2 40	1 45	0 47	18 3	0 5	20 34	2 37	23 23	23 21	16 4	2 48	3 18							
W 9	6 12	24 14	2 1	6 17	0 47	0 36	1 27	7 53	0 26	22 26	0 16	12 23	2 40	1 46	0 47	18 3	0 5	20 34	2 37	23 23	23 21	16 6	2 47	3 18							
T 10	6 35	24 20	1 0	7 1	0 41	1 6	1 27	8 8	0 26	22 27	0 15	12 22	2 40	1 47	0 47	18 3	0 5	20 34	2 37	23 23	23 21	16 8	2 46	3 18							
F 11	6 58	23 16	0s 5	7 45	0 34	1 37	1 26	8 24	0 25	22 28	0 15	12 20	2 40	1 48	0 47	18 3	0 5	20 34	2 37	23 23	23 21	16 10	2 45	3 18							
S 12	7 21	21 1	1 11	8 28	0 28	2 7	1 26	8 39	0 25	22 29	0 15	12 19	2 40	1 49	0 47	18 3	0 5	20 34	2 37	23 23	23 21	16 12	2 44	3 18							
S 13	7 43	17 39	2 15	9 11	0 21	2 37	1 25	8 55	0 24	22 30	0 15	12 18	2 40	1 50	0 47	18 3	0 5	20 34	2 37	23 23	23 21	16 14	2 42	3 18							
M14	8 6	13 17	3 14	9 53	0 14	3 7	1 24	9 10	0 24	22 32	0 15	12 16	2 40	1 51	0 47	18 3	0 5	20 34	2 37	23 23	23 21	16 16	2 41	3 17							
T 15	8 28	8 5	4 4	10 35	0 7	3 37	1 24	9 25	0 23	22 33	0 15	12 15	2 40	1 51	0 47	18 3	0 5	20 34	2 37	23 23	23 22	16 18	2 40	3 17							
W16	8 50	2 18	4 41	11 16	0 1	4 7	1 23	9 41	0 22	22 34	0 15	12 13	2 40	1 52	0 47	18 3	0 5	20 34	2 37	23 23	23 22	16 20	2 39	3 17							
T 17	9 13	3s47	5 0	11 56	0s 6	4 36	1 22	9 56	0 22	22 35	0 14	12 12	2 40	1 53	0 47	18 3	0 5	20 34	2 37	23 24	23 22	16 22	2 38	3 17							
F 18	9 35	9 47	4 59	12 35	0 13	5 6	1 21	10 11	0 21	22 36	0 14	12 10	2 40	1 54	0 47	18 3	0 6	20 34	2 37	23 24	23 22	16 24	2 37	3 17							
S 19	9 57	15 15	4 36	13 14	0 20	5 36	1 20	10 26	0 21	22 37	0 14	12 9	2 40	1 55	0 47	18 3	0 6	20 34	2 37	23 24	23 22	16 26	2 36	3 17							
S 20	10 18	19 43	3 54	13 52	0 26	6 5	1 19	10 41	0 20	22 39	0 14	12 7	2 41	1 55	0 47	18 3	0 6	20 34	2 37	23 25	23 22	16 28	2 34	3 16							
M21	10 40	22 48	2 56	14 30	0 33	6 35	1 18	10 56	0 20	22 40	0 14	12 6	2 41	1 56	0 46	18 3	0 6	20 35	2 37	23 25	23 22	16 30	2 33	3 16							
T 22	11 1	24 14	1 47	15 7	0 40	7 4	1 17	11 11	0 19	22 41	0 14	12 4	2 41	1 57	0 46	18 3	0 6	20 35	2 37	23 25	23 23	16 32	2 32	3 16							
W23	11 22	24 1	0 33	15 42	0 47	7 33	1 16	11 26	0 19	22 42	0 14	12 3	2 41	1 58	0 46	18 3	0 6	20 35	2 37	23 25	23 23	16 34	2 31	3 16							
T 24	11 44	22 17	0n41	16 18	0 53	8 2	1 15	11 41	0 18	22 43	0 14	12 1	2 41	1 58	0 46	18 3	0 6	20 35	2 37	23 25	23 23	16 36	2 30	3 16							
F 25	12 4	19 21	1 50	16 52	0 10	8 31	1 14	11 56	0 17	22 44	0 13	12 0	2 41	1 59	0 46	18 3	0 6	20 35	2 37	23 25	23 23	16 38	2 29	3 16							
S 26	12 25	15 31	2 51	17 25	1 6	9 0	1 12	12 11	0 17	22 45	0 13	11 58	2 41	2 0	0 46	18 3	0 6	20 35	2 37	23 25	23 23	16 40	2 28	3 15							
S 27	12 46	11 5	3 42	17 58	1 12	9 28	1 11	12 25	0 16	22 47	0 13	11 57	2 41	2 0	0 46	18 3	0 6	20 35	2 37	23 25	23 23	16 42	2 27	3 15							
M28	13 6	6 17	4 22	18 30	1 18	9 56	1 9	12 40	0 16	22 48	0 13	11 55	2 41	2 1	0 46	18 3	0 6	20 35	2 37	23 25	23 23	16 44	2 26	3 15							
T 29	13 26	1 20	4 49	19 0	1 24	10 24	1 8	12 54	0 15	22 49	0 13	11 53	2 41	2 2	0 46	18 3	0 6	20 35	2 37	23 25	23 23	16 46	2 25	3 15							
W30	13 46	3n36	5 3	19 30	1 30	10 52	1 6	13 8	0 15	22 50	0 13	11 52	2 41	2 2	0 46	18 3	0 6	20 35	2 37	23 26	23 24	16 48	2 24	3 15							
T 31	14s 6	8n22	5n 3	19s59	1s36	11s20	1n 5	13s23	0n14	22s51	0n13	11n50	2s41	2s 3	0s46	18s 3	0s 6	20n35	2s37	23s26	23s24	16n50	2n23	3n14							

ASTRODIENST EPHEMERIS for the year 1675
geocentric

NOVEMBER 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 41 15	8♉40°36	21♊16	24♉1	3♉41	6♉51	19♊37	8°R28	26°R36	9♉18	8°R40	3°R23	4♉46	3♉14	28°R29	F 1
S 2	2 45 12	9°40'48	3♉8	25°29	4°56	7°32	19°49	8♉23	26°R34	9°18	8♉39	3♉13	4°43	3°20	28°R27	S 2
S 3	2 49 8	10°41'01	15° 0	26°57	6°12	8°14	20° 1	8°18	26°33	9°19	8°38	3° 3	4°40	3°27	28°25	S 3
M 4	2 53 5	11°41'16	26°53	28°24	7°27	8°55	20°13	8°13	26°31	9°19	8°38	2°55	4°37	3°34	28°24	M 4
T 5	2 57 1	12°41'34	8♉48	29°51	8°42	9°36	20°26	8° 8	26°30	9°20	8°37	2°50	4°33	3°40	28°22	T 5
W 6	3 0 58	13°41'53	20°49	1♊17	9°58	10°18	20°38	8° 3	26°28	9°20	8°37	2°47	4°30	3°47	28°20	W 6
T 7	3 4 55	14°42'14	2♉58	2°42	11°13	11° 0	20°50	7°59	26°27	9°21	8°36	2°D46	4°27	3°54	28°18	T 7
F 8	3 8 51	15°42'36	15°18	4° 7	12°29	11°41	21° 2	7°54	26°26	9°21	8°35	2°46	4°24	4° 0	28°17	F 8
S 9	3 12 48	16°43'01	27°53	5°31	13°44	12°23	21°15	7°49	26°24	9°22	8°35	2°48	4°21	4° 7	28°15	S 9
S 10	3 16 44	17°43'28	10♉47	6°54	14°59	13° 5	21°27	7°44	26°23	9°23	8°34	2°49	4°18	4°14	28°13	S 10
M 11	3 20 41	18°43'56	24° 3	8°16	16°15	13°47	21°40	7°40	26°22	9°23	8°33	2°R49	4°14	4°21	28°12	M 11
T 12	3 24 37	19°44'27	7♉45	9°37	17°30	14°28	21°53	7°35	26°21	9°24	8°32	2°47	4°11	4°27	28°10	T 12
W 13	3 28 34	20°44'59	21°54	10°57	18°46	15°10	22° 5	7°30	26°20	9°25	8°32	2°44	4° 8	4°34	28° 9	W 13
T 14	3 32 30	21°45'33	6♉29	12°16	20° 1	15°52	22°18	7°26	26°18	9°26	8°31	2°39	4° 5	4°41	28° 8	T 14
F 15	3 36 27	22°46'09	21°25	13°33	21°16	16°34	22°31	7°21	26°17	9°26	8°30	2°33	4° 2	4°47	28° 6	F 15
S 16	3 40 24	23°46'46	6♉34	14°48	22°32	17°16	22°44	7°16	26°16	9°27	8°29	2°27	3°59	4°54	28° 5	S 16
S 17	3 44 20	24°47'25	21°48	16° 2	23°47	17°58	22°57	7°12	26°15	9°28	8°28	2°21	3°55	5° 1	28° 4	S 17
M 18	3 48 17	25°48'06	6♉55	17°14	25° 3	18°40	23° 9	7° 7	26°15	9°29	8°28	2°18	3°52	5° 7	28° 2	M 18
T 19	3 52 13	26°48'48	21°47	18°23	26°18	19°23	23°22	7° 3	26°14	9°30	8°27	2°15	3°49	5°14	28° 1	T 19
W 20	3 56 10	27°49'32	6♉51	19°29	27°34	20° 5	23°36	6°58	26°13	9°31	8°26	2°D15	3°46	5°21	28° 0	W 20
T 21	4 0 6	28°50'16	20°16	20°32	28°49	20°47	23°49	6°54	26°12	9°32	8°25	2°16	3°43	5°28	27°59	T 21
F 22	4 4 3	29°51'02	3♉49	21°32	0♉ 5	21°29	24° 2	6°50	26°12	9°33	8°24	2°18	3°39	5°34	27°58	F 22
S 23	4 7 59	0♉51°48	16°56	22°27	1°20	22°12	24°15	6°46	26°11	9°34	8°23	2°19	3°36	5°41	27°57	S 23
S 24	4 11 56	1°52'36	29°40	23°18	2°36	22°54	24°28	6°41	26°10	9°35	8°22	2°R20	3°33	5°48	27°56	S 24
M 25	4 15 53	2°53'24	12♉4	24° 3	3°51	23°37	24°41	6°37	26°10	9°36	8°21	2°20	3°30	5°54	27°56	M 25
T 26	4 19 49	3°54'13	24°14	24°43	5° 7	24°19	24°55	6°33	26° 9	9°38	8°20	2°18	3°27	6° 1	27°55	T 26
W 27	4 23 46	4°55'04	6♉14	25°15	6°22	25° 2	25° 8	6°29	26° 9	9°39	8°19	2°15	3°24	6° 8	27°54	W 27
T 28	4 27 42	5°55'55	18° 8	25°40	7°37	25°44	25°21	6°25	26° 8	9°40	8°18	2°11	3°20	6°15	27°54	T 28
F 29	4 31 39	6°56'47	29°59	25°57	8°53	26°27	25°35	6°22	26° 8	9°41	8°17	2° 6	3°17	6°21	27°53	F 29
S 30	4 35 35	7♉57°40	11♉50	26°R 4	10♉ 8	27♉ 9	25♉48	6♉18	26°R 8	9♉42	8♉16	2♉ 2	3♉14	6♉28	27°R52	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14s25	12n47	4n50	20s27	1s42	11s47	1n 3	13s37	0n13	22s52	0n13	11n49	2s41	2s 4	0s46	F 1
S 2	14 44	16 43	4 25	20 54	1 47	12 14	1 1	13 51	0 13	22 53	0 12	11 47	2 40	2 4	0 46	S 2
S 3	15 3	19 59	3 48	21 50	1 52	12 40	1 0	14 5	0 12	22 54	0 12	11 46	2 40	2 5	0 46	S 3
M 4	15 22	22 25	3 1	21 45	1 57	13 7	0 58	14 19	0 12	22 55	0 12	11 44	2 40	2 5	0 46	M 4
T 5	15 40	23 52	2 5	22 8	2 2	13 33	0 56	14 32	0 11	22 56	0 12	11 43	2 40	2 6	0 46	T 5
W 6	15 59	24 14	1 4	22 31	2 6	13 58	0 54	14 46	0 11	22 57	0 12	11 41	2 40	2 7	0 46	W 6
T 7	16 17	23 26	0s 1	22 52	2 11	14 24	0 52	15 0	0 10	22 58	0 12	11 40	2 40	2 7	0 46	T 7
F 8	16 34	21 29	1 7	23 13	2 15	14 49	0 50	15 13	0 9	22 59	0 12	11 38	2 40	2 8	0 46	F 8
S 9	16 52	18 28	2 12	23 32	2 18	15 13	0 48	15 26	0 9	23 0	0 12	11 37	2 40	2 8	0 46	S 9
S 10	17 9	14 30	3 11	23 49	2 22	15 37	0 46	15 40	0 8	23 1	0 12	11 36	2 40	2 9	0 46	S 10
M 11	17 26	9 43	4 2	24 6	2 24	16 1	0 44	15 53	0 8	23 2	0 11	11 34	2 40	2 9	0 46	M 11
T 12	17 42	4 20	4 41	24 21	2 27	16 25	0 42	16 6	0 7	23 3	0 11	11 33	2 40	2 9	0 46	T 12
W 13	17 58	1s27	5 4	24 35	2 29	16 48	0 40	16 19	0 6	23 4	0 11	11 31	2 40	2 10	0 46	W 13
T 14	18 14	7 18	5 9	24 48	2 31	17 10	0 38	16 32	0 6	23 4	0 11	11 30	2 40	2 10	0 46	T 14
F 15	18 30	12 54	4 53	24 59	2 32	17 32	0 36	16 44	0 5	23 5	0 11	11 29	2 39	2 11	0 46	F 15
S 16	18 45	17 46	4 17	25 9	2 33	17 54	0 34	16 57	0 5	23 6	0 11	11 27	2 39	2 11	0 46	S 16
S 17	19 0	21 30	3 22	25 17	2 33	18 15	0 31	17 9	0 4	23 7	0 11	11 26	2 39	2 11	0 46	S 17
M 18	19 15	23 42	2 14	25 24	2 32	18 35	0 29	17 21	0 3	23 8	0 11	11 25	2 39	2 12	0 46	M 18
T 19	19 29	24 10	0 57	25 29	2 31	18 56	0 27	17 33	0 3	23 8	0 11	11 23	2 39	2 12	0 46	T 19
W 20	19 43	22 58	0n22	25 33	2 29	19 15	0 25	17 45	0 2	23 9	0 10	11 22	2 39	2 12	0 46	W 20
T 21	19 56	20 21	1 37	25 35	2 27	19 34	0 22	17 57	0 2	23 10	0 10	11 21	2 39	2 12	0 45	T 21
F 22	20 9	16 40	2 44	25 36	2 23	19 53	0 20	18 9	0 1	23 11	0 10	11 19	2 38	2 13	0 45	F 22
S 23	20 22	12 17	3 40	25 35	2 19	20 11	0 18	18 21	0 0	23 11	0 10	11 18	2 38	2 13	0 45	S 23
S 24	20 34	7 29	4 24	25 32	2 13	20 28	0 15	18 32	0s 0	23 12	0 10	11 17	2 38	2 13	0 45	S 24
M 25	20 46	2 31	4 54	25 28	2 7	20 45	0 13	18 43	0 1	23 13	0 10	11 16	2 38	2 13	0 45	M 25
T 26	20 58	2n27	5 10	25 22	1 59	21 1	0 11	18 54	0 1	23 13	0 10	11 15	2 38	2 13	0 45	T 26
W 27	21 9	7 16	5 13	25 14	1 51	21 17	0 8	19 5	0 2	23 14	0 10	11 14	2 38	2 14	0 45	W 27
T 28	21 20	11 46	5 1	25 5	1 40	21 31	0 6	19 16	0 3	23 14	0 10	11 12	2 37	2 14	0 45	T 28
F 29	21 30	15 48	4 37	24 54	1 29	21 46	0 3	19 27	0 3	23 15	0 9	11 11	2 37	2 14	0 45	F 29
S 30	21s40	19n14	4n 1	24s41	1s16	22s 0	0n 1	19s37	0s 4	23s16	0n 9	11n10	2s37	2s14	0s45	S 30

Julian Day Number = 2333145.5, Delta T = 26.11 sec
Ecliptic obliquity = 23°28'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°12'55, Lahiri = 19°19'56Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1675

geocentric

DECEMBER 1675 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 39 32	8°58'34	23°44'	26°R 1	11°24'	27°M52	26°2	6°R14	26°R 7	9°44	8°R15	1°R58	3°11	6°35	27°R52	S 1
M 2	4 43 28	9°59'29	5°11'43	25°48'	12°39'	28°35	26°15	6°10	26°7	9°45	8°14	1°55	3°8	6°41	27°M52	M 2
T 3	4 47 25	11°0'25	17°48'	25°24'	13°55'	29°18	26°29	6°7	26°7	9°46	8°13	1°53	3°5	6°48	27°51	T 3
W 4	4 51 22	12°1'22	0°51	24°48'	15°10'	0°1	26°42	6°3	26°7	9°48	8°12	1°D52	3°1	6°55	27°51	W 4
T 5	4 55 18	13°2'21	12°23'	24°0'	16°26'	0°44	26°56	6°0	26°D 7	9°49	8°11	1°52	2°58	7°1	27°51	T 5
F 6	4 59 15	14°3'20	24°57'	23°3'	17°41'	1°26	27°10	5°57	26°7	9°51	8°10	1°53	2°55	7°8	27°50	F 6
S 7	5 3 11	15°4'20	7°43	21°56'	18°57'	2°9	27°23	5°54	26°7	9°52	8°8	1°55	2°52	7°15	27°50	S 7
S 8	5 7 8	16°5'21	20°45'	20°41'	20°12'	2°52	27°37	5°50	26°7	9°54	8°7	1°56	2°49	7°22	27°50	S 8
M 9	5 11 4	17°6'23	4°17	19°21	21°28'	3°36	27°50	5°47	26°7	9°55	8°6	1°57	2°45	7°28	27°D50	M 9
T 10	5 15 1	18°7'26	17°42'	17°58'	22°43'	4°19	28°4	5°44	26°8	9°57	8°5	1°R58	2°42	7°35	27°50	T 10
W11	5 18 58	19°8'30	1°43	16°36'	23°58'	5°2	28°18	5°42	26°8	9°58	8°4	1°57	2°39	7°42	27°50	W11
T 12	5 22 54	20°9'35	15°55'	15°16'	25°14'	5°45	28°32	5°39	26°8	10°0	8°3	1°56	2°36	7°48	27°50	T 12
F 13	5 26 51	21°10'42	0°11	14°1	26°29'	6°28	28°45	5°36	26°9	10°2	8°2	1°55	2°33	7°55	27°51	F 13
S 14	5 30 47	22°11'49	15°14'	12°55'	27°45'	7°12	28°59	5°34	26°9	10°3	8°0	1°54	2°30	8°2	27°51	S 14
S 15	5 34 44	23°12'57	0°1	11°57'	29°0'	7°55	29°13	5°31	26°9	10°5	7°59	1°53	2°26	8°8	27°51	S 15
M16	5 38 40	24°14'05	14°56'	11°9'	0°16	8°38	29°27	5°29	26°10	10°7	7°58	1°52	2°23	8°15	27°52	M16
T 17	5 42 37	25°15'14	29°37'	10°33'	1°31	9°22	29°41	5°26	26°11	10°8	7°57	1°D52	2°20	8°22	27°52	T 17
W18	5 46 33	26°16'24	14°3	10°7'	2°47	10°5	29°54	5°24	26°11	10°10	7°56	1°52	2°17	8°29	27°52	W18
T 19	5 50 30	27°17'34	28°6'	9°51	4°2	10°49	0°3	5°22	26°12	10°12	7°54	1°52	2°14	8°35	27°53	T 19
F 20	5 54 27	28°18'44	11°45	9°D47	5°18	11°33	0°22	5°20	26°13	10°14	7°53	1°53	2°11	8°42	27°54	F 20
S 21	5 58 23	29°19'54	24°59'	9°51	6°33	12°16	0°36	5°18	26°13	10°16	7°52	1°53	2°7	8°49	27°54	S 21
S 22	6 2 20	0°31'04	7°49	10°4'	7°49	13°0	0°50	5°17	26°14	10°17	7°51	1°53	2°4	8°55	27°55	S 22
M23	6 6 16	1°22'14	20°19	10°26'	9°4	13°44	1°4	5°15	26°15	10°19	7°49	1°53	2°1	9°2	27°56	M23
T 24	6 10 13	2°23'24	2°32	10°55'	10°19	14°27	1°17	5°13	26°16	10°21	7°48	1°53	1°58	9°9	27°57	T 24
W25	6 14 9	3°24'34	14°33'	11°30'	11°35'	15°11	1°31	5°12	26°17	10°23	7°47	1°53	1°55	9°15	27°58	W25
T 26	6 18 6	4°25'44	26°26'	12°11'	12°50'	15°55	1°45	5°11	26°18	10°25	7°46	1°54	1°51	9°22	27°58	T 26
F 27	6 22 2	5°26'54	8°17	12°58'	14°6'	16°39	1°59	5°9	26°19	10°27	7°44	1°54	1°48	9°29	27°59	F 27
S 28	6 25 59	6°28'04	20°8'	13°49'	15°21	17°23	2°13	5°8	26°20	10°29	7°43	1°54	1°45	9°35	28°1	S 28
S 29	6 29 56	7°29'13	2°11	14°44'	16°36'	18°7	2°27	5°7	26°21	10°31	7°42	1°55	1°42	9°42	28°2	S 29
M30	6 33 52	8°30'22	14°10'	15°43'	17°52'	18°51	2°40	5°6	26°23	10°33	7°41	1°56	1°39	9°49	28°3	M30
T 31	6 37 49	9°31'32	26°11	16°46'	19°3	19°35	2°54	5°6	26°24	10°35	7°39	1°R56	1°36	9°56	28°4	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	21s50	21n53	3n15	24s27	1s 2	22s13	0s 1	19s48	0s 4	23s16	0n 9	11n 9	2s37	2s14	0s45	17s56
M 2	21 59	23 35	2 19	24 11	0 46	22 25	0 4	19 58	0 5	23 17	0 9	11 8	2 37	2 14	0 45	17 56
T 3	22 8	24 12	1 17	23 53	0 29	22 37	0 6	20 8	0 6	23 17	0 9	11 7	2 36	2 14	0 45	17 56
W 4	22 16	23 39	0 10	23 33	0 11	22 48	0 9	20 17	0 6	23 17	0 9	11 6	2 36	2 14	0 45	17 55
T 5	22 24	21 57	0s58	23 12	0n 9	22 58	0 11	20 27	0 7	23 18	0 9	11 6	2 36	2 14	0 45	17 55
F 6	22 32	19 9	2 4	22 49	0 29	23 8	0 13	20 36	0 8	23 18	0 9	11 5	2 36	2 14	0 45	17 54
S 7	22 39	15 23	3 6	22 25	0 49	23 17	0 16	20 46	0 8	23 19	0 9	11 4	2 35	2 14	0 45	17 54
S 8	22 45	10 50	3 59	22 0	1 9	23 25	0 18	20 55	0 9	23 19	0 9	11 3	2 35	2 14	0 45	17 54
M 9	22 51	5 41	4 40	21 35	1 29	23 33	0 20	21 4	0 9	23 19	0 8	11 2	2 35	2 14	0 45	17 53
T 10	22 57	0 10	5 7	21 10	1 47	23 40	0 23	21 12	0 10	23 20	0 8	11 2	2 35	2 14	0 45	17 53
W11	23 2	5s30	5 17	20 45	2 4	23 46	0 25	21 21	0 11	23 20	0 8	11 1	2 34	2 13	0 45	17 52
T 12	23 7	11 0	5 7	20 22	2 19	23 51	0 27	21 29	0 11	23 20	0 8	11 0	2 34	2 13	0 45	17 52
F 13	23 11	16 0	4 38	20 1	2 31	23 56	0 30	21 37	0 12	23 20	0 8	11 0	2 34	2 13	0 45	17 52
S 14	23 15	20 7	3 51	19 43	2 42	24 0	0 32	21 45	0 13	23 21	0 8	10 59	2 34	2 13	0 45	17 51
S 15	23 18	22 56	2 47	19 28	2 49	24 3	0 34	21 53	0 13	23 21	0 8	10 58	2 33	2 13	0 45	17 51
M16	23 21	24 10	1 33	19 16	2 55	24 5	0 36	22 1	0 14	23 21	0 8	10 58	2 33	2 12	0 44	17 50
T 17	23 24	23 41	0 12	19 7	2 58	24 7	0 39	22 8	0 14	23 21	0 8	10 57	2 33	2 12	0 44	17 50
W18	23 26	21 38	1n 7	19 2	3 0	24 8	0 41	22 15	0 15	23 21	0 8	10 57	2 33	2 12	0 44	17 49
T 19	23 27	18 17	2 21	19 1	2 59	24 8	0 43	22 22	0 16	23 21	0 7	10 56	2 32	2 12	0 44	17 49
F 20	23 28	14 2	3 24	19 2	2 58	24 8	0 45	22 29	0 16	23 21	0 7	10 56	2 32	2 11	0 44	17 48
S 21	23 29	9 13	4 14	19 6	2 54	24 6	0 47	22 35	0 17	23 22	0 7	10 56	2 32	2 11	0 44	17 48
S 22	23 29	4 10	4 50	19 12	2 50	24 4	0 49	22 41	0 18	23 22	0 7	10 55	2 32	2 11	0 44	17 47
M23	23 28	0n56	5 11	19 20	2 45	24 1	0 51	22 47	0 18	23 22	0 7	10 55	2 31	2 10	0 44	17 47
T 24	23 28	5 52	5 18	19 30	2 38	23 58	0 53	22 53	0 19	23 21	0 7	10 55	2 31	2 10	0 44	17 46
W25	23 26	10 30	5 10	19 42	2 32	23 53	0 55	22 59	0 20	23 21	0 7	10 55	2 31	2 9	0 44	17 46
T 26	23 24	14 42	4 49	19 55	2 24	23 48	0 57	23 4	0 20	23 21	0 7	10 54	2 30	2 9	0 44	17 45
F 27	23 22	18 19	4 16	20 8	2 17	23 43	0 59	23 9	0 21	23 21	0 7	10 54	2 30	2 8	0 44	17 45
S 28	23 19	21 12	3 32	20 22	2 8	23 36	1 1	23 14	0 21	23 21	0 7	10 54	2 30	2 8	0 44	17 44
S 29	23 16	23 12	2 38	20 37	2 0	23 29	1 3	23 19	0 22	23 21	0 7	10 54	2 30	2 7	0 44	17 44
M30	23 12	24 9	1 37	20 52	1 52	23 21	1 4	23 23	0 23	23 21	0 6	10 54	2 29	2 7	0 44	17 43
T 31	23s 8	23n56	0n31	21s 7	1n43	23s12	1s 6	23s28	0s23	23s21	0n 6	10n54	2s29	2s 6	0s44	17s43

Julian Day Number = 2333175.5, Delta T = 26.06 sec
 Ecliptic obliquity = 23°28'53", Nutation = 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 20°12'59", Lahiri = 19°20'00"Greg. Calendar