



Astrodienst Ephemeris Tables for the year 1401

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 1401

geocentric

JANUARY 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 15 42	19°32'07	23°43'	12°31'	29°26'	3°15'	5°41'	10°56'	24°54'	7°R 4	4°R43	9°R16	9°54'	11°Y 4	27°R57	S 1
S 2	7 19 39	20°30'11	7°41'	14° 8	0°41'	3°48	5°48	11° 3	24°57	7°II 3	4°II42	9°4	9°50	11°11	27°R55	S 2
M 3	7 23 36	21°31'15	21°50	15°45	1°56	4°21	5°55	11°10	25° 1	7° 2	4°42	8°55	9°47	11°17	27°54	M 3
T 4	7 27 32	22°32'18	6°14'	17°23	3°12	4°54	6° 2	11°17	25° 4	7° 1	4°41	8°49	9°44	11°24	27°52	T 4
W 5	7 31 29	23°33'20	20°18	19° 1	4°27	5°27	6° 9	11°24	25° 7	7° 0	4°40	8°45	9°41	11°31	27°51	W 5
T 6	7 35 25	24°34'22	4°31'	20°40	5°42	6° 0	6°16	11°31	25°11	6°59	4°39	8°D44	9°38	11°37	27°49	T 6
F 7	7 39 22	25°35'24	18°39	22°20	6°57	6°32	6°23	11°38	25°14	6°58	4°39	8°R44	9°35	11°44	27°48	F 7
S 8	7 43 18	26°36'25	2°42'	24° 0	8°13	7° 5	6°29	11°45	25°17	6°57	4°38	8°44	9°31	11°51	27°46	S 8
S 9	7 47 15	27°37'25	16°40	25°41	9°28	7°37	6°36	11°51	25°20	6°56	4°37	8°43	9°28	11°57	27°45	S 9
M10	7 51 11	28°38'25	0°31'	27°23	10°43	8°10	6°42	11°58	25°23	6°55	4°37	8°39	9°25	12° 4	27°44	M10
T 11	7 55 8	29°39'24	14°15	29° 5	11°58	8°42	6°48	12° 5	25°27	6°54	4°36	8°32	9°22	12°11	27°43	T 11
W12	7 59 5	0°40'22	27°50	0°48	13°13	9°14	6°54	12°12	25°30	6°53	4°36	8°23	9°19	12°17	27°42	W12
T 13	8 3 1	1°41'20	11°31'	2°32	14°28	9°47	6°59	12°19	25°33	6°52	4°35	8°12	9°16	12°24	27°41	T 13
F 14	8 6 58	2°42'17	24°27	4°16	15°44	10°19	7° 5	12°26	25°36	6°51	4°35	8° 0	9°12	12°30	27°40	F 14
S 15	8 10 54	3°43'12	7°24'	6° 1	16°59	10°50	7°10	12°32	25°39	6°50	4°34	7°48	9° 9	12°37	27°39	S 15
S 16	8 14 51	4°44'06	20° 6	7°46	18°14	11°22	7°15	12°39	25°42	6°50	4°33	7°38	9° 6	12°44	27°38	S 16
M17	8 18 47	5°44'59	2°32'	9°32	19°29	11°54	7°21	12°46	25°45	6°49	4°33	7°30	9° 3	12°50	27°37	M17
T 18	8 22 44	6°45'51	14°44	11°19	20°44	12°25	7°25	12°53	25°48	6°48	4°33	7°24	9° 0	12°57	27°37	T 18
W19	8 26 40	7°46'41	26°43	13° 6	21°59	12°57	7°30	12°59	25°51	6°48	4°32	7°22	8°56	13° 4	27°36	W19
T 20	8 30 37	8°47'30	8°Y35	14°54	23°14	13°28	7°35	13° 6	25°54	6°47	4°32	7°D21	8°53	13°10	27°36	T 20
F 21	8 34 34	9°48'18	20°22	16°42	24°29	13°59	7°39	13°12	25°57	6°46	4°31	7°22	8°50	13°17	27°35	F 21
S 22	8 38 30	10°49'04	2°31'	18°31	25°44	14°30	7°43	13°19	26° 0	6°46	4°31	7°23	8°47	13°24	27°35	S 22
S 23	8 42 27	11°49'48	14° 4	20°19	26°59	15° 1	7°47	13°26	26° 2	6°45	4°30	7°R23	8°44	13°30	27°35	S 23
M24	8 46 23	12°50'31	26°11	22° 8	28°14	15°32	7°51	13°32	26° 5	6°45	4°30	7°22	8°41	13°37	27°35	M24
T 25	8 50 20	13°51'12	8°II34	23°56	29°29	16° 2	7°55	13°39	26° 8	6°44	4°30	7°19	8°37	13°44	27°35	T 25
W26	8 54 16	14°51'51	21°18	25°45	0°44	16°33	7°59	13°45	26°11	6°44	4°29	7°13	8°34	13°50	27°D35	W26
T 27	8 58 13	15°52'29	4°27'	27°32	1°59	17° 3	8° 2	13°51	26°13	6°44	4°29	7° 6	8°31	13°57	27°35	T 27
F 28	9 2 9	16°53'05	18° 1	29°19	3°14	17°33	8° 5	13°58	26°16	6°43	4°29	6°58	8°28	14° 3	27°35	F 28
S 29	9 6 6	17°53'39	1°45'	1°45'	4°28	18° 3	8° 8	14° 4	26°18	6°43	4°29	6°49	8°25	14°10	27°35	S 29
S 30	9 10 3	18°54'12	16°17	2°50	5°43	18°33	8°11	14°10	26°21	6°43	4°28	6°41	8°22	14°17	27°35	S 30
M31	9 13 59	19°54'43	0°17'	4°32	6°45	19°16	8°14	14°31	26°23	6°42	4°28	6°35	8°18	14°Y23	27°R36	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22s 6	16n38	4s51	24s33	1s38	21s36	1s18	11s17	1n26	12s19	1n12	22s44	0n20	23s35	0s10	20n 1
S 2	21 57	14 8	4 25	24 27	1 42	21 21	1 19	11 29	1 26	12 22	1 12	22 44	0 20	23 35	0 10	20 1
M 3	21 47	10 47	3 41	24 20	1 46	21 5	1 20	11 40	1 25	12 24	1 12	22 43	0 20	23 35	0 10	20 0
T 4	21 37	6 47	2 44	24 11	1 49	20 49	1 21	11 51	1 25	12 26	1 13	22 43	0 20	23 35	0 10	20 0
W 5	21 27	2 23	1 36	24 1	1 52	20 32	1 22	12 2	1 25	12 28	1 13	22 42	0 19	23 35	0 10	20 0
T 6	21 17	2s 9	0 22	23 49	1 55	20 15	1 23	12 13	1 25	12 30	1 13	22 42	0 19	23 35	0 10	20 0
F 7	21 5	6 31	0n52	23 35	1 57	19 57	1 24	12 24	1 25	12 32	1 13	22 41	0 19	23 35	0 10	20 0
S 8	20 54	10 31	2 4	23 20	1 59	19 38	1 25	12 35	1 25	12 34	1 13	22 40	0 19	23 36	0 10	20 0
S 9	20 42	13 53	3 7	23 3	2 1	19 19	1 26	12 46	1 25	12 36	1 13	22 40	0 19	23 36	0 10	20 0
M10	20 30	16 26	3 59	22 45	2 3	18 59	1 26	12 56	1 24	12 38	1 14	22 39	0 19	23 36	0 10	20 0
T 11	20 17	18 0	4 36	22 25	2 3	18 39	1 27	13 7	1 24	12 40	1 14	22 39	0 19	23 36	0 10	20 0
W12	20 4	18 32	4 58	22 4	2 4	18 18	1 28	13 17	1 24	12 42	1 14	22 38	0 19	23 36	0 10	19 59
T 13	19 51	18 1	5 2	21 40	2 4	17 57	1 28	13 28	1 24	12 43	1 14	22 38	0 19	23 36	0 10	19 59
F 14	19 37	16 32	4 50	21 15	2 4	17 35	1 29	13 38	1 24	12 45	1 14	22 37	0 19	23 36	0 10	19 59
S 15	19 23	14 13	4 24	20 49	2 3	17 13	1 29	13 48	1 23	12 47	1 15	22 37	0 19	23 36	0 10	19 59
S 16	19 8	11 17	3 44	20 21	2 2	16 50	1 29	13 58	1 23	12 48	1 15	22 36	0 19	23 37	0 10	19 59
M17	18 54	7 53	2 55	19 51	2 0	16 27	1 30	14 8	1 23	12 50	1 15	22 35	0 19	23 37	0 10	19 59
T 18	18 38	4 13	1 58	19 19	1 58	16 3	1 30	14 18	1 23	12 51	1 15	22 35	0 19	23 37	0 10	19 59
W19	18 23	0 26	0 57	18 46	1 55	15 39	1 30	14 28	1 23	12 52	1 15	22 34	0 19	23 37	0 10	19 59
T 20	18 7	3n19	0s 7	18 12	1 52	15 14	1 30	14 37	1 22	12 54	1 15	22 34	0 19	23 37	0 10	19 59
F 21	17 51	6 55	1 9	17 35	1 48	14 49	1 30	14 47	1 22	12 55	1 16	22 33	0 18	23 37	0 10	19 59
S 22	17 34	10 14	2 9	16 58	1 43	14 24	1 30	14 56	1 22	12 56	1 16	22 32	0 18	23 37	0 10	19 59
S 23	17 18	13 11	3 4	16 18	1 38	13 58	1 30	15 6	1 21	12 57	1 16	22 32	0 18	23 37	0 10	19 59
M24	17 1	15 36	3 52	15 38	1 32	13 32	1 30	15 15	1 21	12 58	1 16	22 31	0 18	23 37	0 10	19 59
T 25	16 43	17 21	4 30	14 56	1 26	13 5	1 30	15 24	1 21	12 59	1 16	22 31	0 18	23 37	0 10	19 59
W26	16 26	18 19	4 56	14 12	1 18	12 38	1 29	15 33	1 21	13 0	1 17	22 30	0 18	23 38	0 10	19 59
T 27	16 8	18 20	5 7	13 28	1 11	12 11	1 29	15 42	1 20	13 1	1 17	22 29	0 18	23 38	0 10	19 59
F 28	15 49	17 19	5 2	12 43	1 2	11 44	1 28	15 51	1 20	13 2	1 17	22 29	0 18	23 38	0 10	19 59
S 29	15 31	15 15	4 39	11 57	0 53	11 16	1 28	15 59	1 20	13 3	1 17	22 28	0 18	23 38	0 10	19 59
S 30	15 12	12 13	3 58	11 10	0 43	10 48	1 27	16 8	1 19	13 3	1 17	22 28	0 18	23 38	0 10	19 59
M31	14s53	8n24	3s 1	10s22	0s32	10s19	1s27	16s16	1n19	13s 4	1n18	22s27	0n18	23s38	0s10	19n59

Julian Day Number = 2232773.5, Delta T = 07m51s

Ecliptic obliquity = 23°30'52, Nutation = 0°00'04, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°23'04, Lahiri = 15°30'04 Julian Calendar 1 Jan. 1401 == Greg. Calendar 10 Jan. 1401

ASTRODIENST EPHEMERIS for the year 1401

geocentric

FEBRUARY 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	9 17 56	20 ⁵⁵ 13	15 ¹⁷ 31	6 ¹² 12	8 ¹³ 13	19 ¹³ 33	8 ¹⁶ 16	14 ²³ 23	26 ²⁶ 26	6 ⁴² R42	4 ²⁸ R28	6 ³¹ R31	8 ¹⁵ 15	14 ³⁰ 30	27 ³⁶ 36	T 1
W 2	9 21 52	21 ⁵⁵ 41	0 ¹³ 13	7 ⁵⁰ 50	9 ²⁷ 27	20 ² 2	8 ¹⁸ 18	14 ²⁹ 29	26 ²⁸ 28	6 ⁴² II42	4 ²⁸ II28	6 ³¹ D29	8 ¹² 12	14 ³⁷ 37	27 ³⁷ 37	W 2
T 3	9 25 49	22 ⁵⁶ 08	14 ⁴⁹ 49	9 ²⁴ 24	10 ⁴² 42	20 ³¹ 31	8 ²⁰ 20	14 ³⁵ 35	26 ³¹ 31	6 ⁴² 42	4 ²⁸ 28	6 ³¹ D29	8 ⁹ 9	14 ⁴³ 43	27 ³⁷ 37	T 3
F 4	9 29 45	23 ⁵⁶ 33	29 ¹⁵ 15	10 ⁵⁴ 54	11 ⁵⁷ 57	21 ⁰ 0	8 ²² 22	14 ⁴¹ 41	26 ³³ 33	6 ⁴² 42	4 ²⁸ 28	6 ³¹ 31	8 ⁶ 6	14 ⁵⁰ 50	27 ³⁸ 38	F 4
S 5	9 33 42	24 ⁵⁶ 57	13 ¹⁸ 28	12 ¹⁹ 19	13 ¹¹ 11	21 ²⁹ 29	8 ²⁴ 24	14 ⁴⁷ 47	26 ³⁵ 35	6 ⁴² 42	4 ²⁸ 28	6 ³² 32	8 ² 2	14 ⁵⁷ 57	27 ³⁹ 39	S 5
S 6	9 37 38	25 ⁵⁷ 20	27 ²⁶ 26	13 ⁴⁰ 40	14 ²⁶ 26	21 ⁵⁸ 58	8 ²⁶ 26	14 ⁵³ 53	26 ³⁸ 38	6 ⁴¹ 41	4 ²⁸ 28	6 ³² R32	7 ⁵⁹ 59	15 ³ 3	27 ³⁹ 39	S 6
M 7	9 41 35	26 ⁵⁷ 41	11 ¹⁷ 10	14 ⁵⁴ 54	15 ⁴¹ 41	22 ²⁷ 27	8 ²⁷ 27	14 ⁵⁹ 59	26 ⁴⁰ 40	6 ⁴¹ D41	4 ²⁸ 28	6 ³¹ 31	7 ⁵⁶ 56	15 ¹⁰ 10	27 ⁴⁰ 40	M 7
T 8	9 45 31	27 ⁵⁸ 01	24 ³⁹ 39	16 ² 2	16 ⁵⁵ 55	22 ⁵⁵ 55	8 ²⁸ 28	15 ⁴ 4	26 ⁴² 42	6 ⁴¹ 41	4 ²⁸ D28	6 ²⁹ 29	7 ⁵³ 53	15 ¹⁷ 17	27 ⁴¹ 41	T 8
W 9	9 49 28	28 ⁵⁸ 19	7 ⁵⁴ 54	17 ³ 3	18 ¹⁰ 10	23 ²³ 23	8 ²⁹ 29	15 ¹⁰ 10	26 ⁴⁴ 44	6 ⁴¹ 41	4 ²⁸ 28	6 ²⁴ 24	7 ⁵⁰ 50	15 ²³ 23	27 ⁴² 42	W 9
T 10	9 53 25	29 ⁵⁸ 36	20 ⁵⁶ 56	17 ⁵⁶ 56	19 ²⁴ 24	23 ⁵¹ 51	8 ³⁰ 30	15 ¹⁶ 16	26 ⁴⁶ 46	6 ⁴² 42	4 ²⁸ 28	6 ¹⁸ 18	7 ⁴⁷ 47	15 ³⁰ 30	27 ⁴³ 43	T 10
F 11	9 57 21	0 ⁵⁸ 52	3 ⁴⁴ 44	18 ⁴¹ 41	20 ³⁹ 39	24 ¹⁹ 19	8 ³¹ 31	15 ²² 22	26 ⁴⁸ 48	6 ⁴² 42	4 ²⁸ 28	6 ¹² 12	7 ⁴³ 43	15 ³⁷ 37	27 ⁴⁵ 45	F 11
S 12	10 1 18	1 ⁵⁹ 05	16 ²⁰ 20	19 ¹⁷ 17	21 ⁵³ 53	24 ⁴⁶ 46	8 ³¹ 31	15 ²⁷ 27	26 ⁵⁰ 50	6 ⁴² 42	4 ²⁸ 28	6 ⁶ 6	7 ⁴⁰ 40	15 ⁴³ 43	27 ⁴⁶ 46	S 12
S 13	10 5 14	2 ⁵⁹ 17	28 ⁴⁴ 44	19 ⁴⁵ 45	23 ⁸ 8	25 ¹⁴ 14	8 ³¹ 31	15 ³³ 33	26 ⁵² 52	6 ⁴² 42	4 ²⁸ 28	6 ⁰ 0	7 ³⁷ 37	15 ⁵⁰ 50	27 ⁴⁷ 47	S 13
M14	10 9 11	3 ⁵⁹ 27	10 ⁵⁷ 57	20 ³ 3	24 ²² 22	25 ⁴¹ 41	8 ³¹ 31	15 ³⁸ 38	26 ⁵⁴ 54	6 ⁴² 42	4 ²⁸ 28	5 ⁵⁶ 56	7 ³⁴ 34	15 ⁵⁶ 56	27 ⁴⁸ 48	M14
T 15	10 13 7	4 ⁵⁹ 35	23 ⁰ 0	20 ¹² 12	25 ³⁶ 36	26 ⁸ 8	8 ³¹ 31	15 ⁴⁴ 44	26 ⁵⁶ 56	6 ⁴² 42	4 ²⁸ 28	5 ⁵⁴ 54	7 ³¹ 31	16 ³ 3	27 ⁵⁰ 50	T 15
W16	10 17 4	5 ⁵⁹ 41	4 ⁵⁵ 55	20 ¹¹ 11	26 ⁵¹ 51	26 ³⁴ 34	8 ³¹ 31	15 ⁴⁹ 49	26 ⁵⁸ 58	6 ⁴³ 43	4 ²⁸ 28	5 ⁵³ D53	7 ²⁷ 27	16 ¹⁰ 10	27 ⁵² 52	W16
T 17	10 21 0	6 ⁵⁹ 45	16 ⁴⁴ 44	20 ² 2	28 ⁵ 5	27 ¹ 1	8 ³⁰ 30	15 ⁵⁴ 54	27 ⁰ 0	6 ⁴³ 43	4 ²⁸ 28	5 ⁵³ 53	7 ²⁴ 24	16 ¹⁶ 16	27 ⁵³ 53	T 17
F 18	10 24 57	7 ⁵⁹ 46	28 ³⁰ 30	19 ⁴³ 43	29 ¹⁹ 19	27 ²⁷ 27	8 ³⁰ 30	15 ⁵⁹ 59	27 ² 2	6 ⁴³ 43	4 ²⁹ 29	5 ⁵⁵ 55	7 ²¹ 21	16 ²³ 23	27 ⁵⁵ 55	F 18
S 19	10 28 54	8 ⁵⁹ 46	10 ¹⁸ 18	19 ¹⁶ 16	0 ³³ 33	27 ⁵³ 53	8 ²⁹ 29	16 ⁵ 5	27 ³ 3	6 ⁴⁴ 44	4 ²⁹ 29	5 ⁵⁷ 57	7 ¹⁸ 18	16 ³⁰ 30	27 ⁵⁷ 57	S 19
S 20	10 32 50	9 ⁵⁹ 44	22 ¹³ 13	18 ⁴² 42	1 ⁴⁸ 48	28 ¹⁹ 19	8 ²⁸ 28	16 ¹⁰ 10	27 ⁵ 5	6 ⁴⁴ 44	4 ²⁹ 29	5 ⁵⁸ 58	7 ¹⁵ 15	16 ³⁶ 36	27 ⁵⁸ 58	S 20
M21	10 36 47	10 ⁵⁹ 39	4 ¹⁷ 17	18 ¹ 1	3 ² 2	28 ⁴⁴ 44	8 ²⁶ 26	16 ¹⁵ 15	27 ⁷ 7	6 ⁴⁵ 45	4 ²⁹ 29	5 ⁵⁹ 59	7 ¹² 12	16 ⁴³ 43	28 ⁰ 0	M21
T 22	10 40 43	11 ⁵⁹ 33	16 ³⁸ 38	17 ¹⁴ 14	4 ¹⁶ 16	29 ⁹ 9	8 ²⁵ 25	16 ²⁰ 20	27 ⁸ 8	6 ⁴⁵ 45	4 ³⁰ 30	5 ⁵⁹ R59	7 ⁸ 8	16 ⁵⁰ 50	28 ² 2	T 22
W23	10 44 40	12 ⁵⁹ 24	29 ¹⁸ 18	16 ²³ 23	5 ³⁰ 30	29 ³⁴ 34	8 ²³ 23	16 ²⁵ 25	27 ¹⁰ 10	6 ⁴⁶ 46	4 ³⁰ 30	5 ⁵⁹ 59	7 ⁵ 5	16 ⁵⁶ 56	28 ⁴ 4	W23
T 24	10 48 36	13 ⁵⁹ 13	12 ²³ 23	15 ²⁸ 28	6 ⁴⁴ 44	29 ⁵⁹ 59	8 ²¹ 21	16 ³⁰ 30	27 ¹¹ 11	6 ⁴⁶ 46	4 ³⁰ 30	5 ⁵⁷ 57	7 ² 2	17 ³ 3	28 ⁶ 6	T 24
F 25	10 52 33	14 ⁵⁸ 59	25 ⁵⁴ 54	14 ³¹ 31	7 ⁵⁸ 58	0 ²⁴ 24	8 ¹⁹ 19	16 ³⁴ 34	27 ¹² 12	6 ⁴⁷ 47	4 ³¹ 31	5 ⁵⁴ 54	6 ⁵⁹ 59	17 ¹⁰ 10	28 ⁹ 9	F 25
S 26	10 56 29	15 ⁵⁸ 44	9 ⁵³ 53	13 ³⁴ 34	9 ¹² 12	0 ⁴⁸ 48	8 ¹⁷ 17	16 ³⁹ 39	27 ¹⁴ 14	6 ⁴⁸ 48	4 ³¹ 31	5 ⁵¹ 51	6 ⁵⁶ 56	17 ¹⁶ 16	28 ¹¹ 11	S 26
S 27	11 0 26	16 ⁵⁸ 26	24 ¹⁷ 17	12 ³⁷ 37	10 ²⁶ 26	1 ¹² 12	8 ¹⁵ 15	16 ⁴⁴ 44	27 ¹⁵ 15	6 ⁴⁸ 48	4 ³¹ 31	5 ⁴⁸ 48	6 ⁵³ 53	17 ²³ 23	28 ¹³ 13	S 27
M28	11 4 23	17 ⁵⁸ 05	9 ¹⁷ 17	11 ⁴¹ 41	11 ³⁹ 39	1 ³⁵ 35	8 ¹⁶ 16	16 ⁴⁸ 48	27 ¹⁶ 16	6 ⁴⁹ 49	4 ³² 32	5 ⁴⁶ 46	6 ⁵⁴ 54	17 ²⁹ 29	28 ¹⁶ 16	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	
T 1	14s34	4n 1	1s51	9s35	0s21	9s51	1s26	16s25	1n18	13s 5	1n18	22s26	0n18	23s38	0s10	19n59	1s32	10n47	10s30	2s36	3s17	5n13	15n37	4s11
W 2	14 15	0s36	0 34	8 48	0 9	9 22	1 25	16 33	1 18	13 5	1 18	22 26	0 18	23 38	0 10	19 59	1 32	10 47	10 29	2 35	3 16	5 15	15 37	4 11
T 3	13 55	5 10	0n45	8 1	0n 4	8 52	1 24	16 41	1 18	13 6	1 18	22 25	0 18	23 38	0 10	19 59	1 32	10 47	10 29	2 35	3 14	5 16	15 37	4 11
F 4	13 35	9 22	2 0	7 14	0 17	8 23	1 23	16 49	1 17	13 6	1 18	22 25	0 18	23 38	0 10	19 59	1 32	10 47	10 29	2 36	3 13	5 18	15 38	4 10
S 5	13 15	12 57	3 7	6 29	0 31	7 53	1 22	16 57	1 17	13 7	1 19	22 24	0 18	23 38	0 10	19 59	1 32	10 48	10 28	2 36	3 12	5 20	15 38	4 10
S 6	12 54	15 44	4 2	5 45	0 45	7 24	1 21	17 5	1 16	13 7	1 19	22 23	0 18	23 38	0 10	19 59	1 32	10 48	10 28	2 36	3 11	5 22	15 38	4 10
M 7	12 34	17 33	4 41	5 3	1 0	6 54	1 20	17 13	1 16	13 7	1 19	22 23	0 18	23 39	0 10	19 59	1 32	10 48	10 28	2 36	3 9	5 24	15 39	4 10
T 8	12 13	18 20	5 4	4 23	1 15	6 23	1 19	17 21	1 15	13 7	1 19	22 22	0 17	23 39	0 10	19 59	1 32	10 48	10 28	2 35	3 8	5 25	15 39	4 10
W 9	11 52	18 6	5 11	3 45	1 29	5 53	1 18	17 28	1 15	13 8	1 19	22 22	0 17	23 39	0 10	19 59	1 32	10 49	10 27	2 33	3 7	5 27	15 40	4 9
T 10	11 31	16 55	5 1	3 11	1 44	5 23	1 16	17 35	1 14	13 8	1 19	22 21	0 17	23 39	0 10	19 59	1 32	10 49	10 27	2 31	3 6	5 29	15 40	4 9
F 11	11 10	14 54	4 36	2 40	1 59	4 52	1 15	17 43	1 14	13 8	1 20	22 20	0 17	23 39	0 10	19 59	1 32	10 49	10 27	2 28	3 4	5 31	15 41	4 9
S 12	10 48	12 12	3 58	2 12	2 14	4 21	1 13	17 50	1 13	13 8	1 20	22 20	0 17	23 39	0 10	19 59	1 32	10 50	10 27	2 26	3 3	5 32	15 41	4 9
S 13	10 26	8 59	3 9	1 49	2 28	3 50	1 12	17 57	1 13	13 7	1 20	22 19	0 17	23 39	0 10	19 59	1 32	10 50	10 26	2 24	3 2	5 34	15 42	4 8
M14	10 5	5 26	2 12	1 29	2 41	3 19	1 10	18 4	1 12	13 7	1 20	22 19	0 17	23 39	0 10	20 0	1 32	10 50	10 26	2 22	3 1	5 36	15 42	4 8
T 15	9 43	1 43	1 10	1 14	2 53	2 48	1 9	18 11	1 12	13 7	1 20	22 18	0 17	23 39	0 10	20 0	1 32	10 50	10 26	2 21	2 59	5 38	15 43	4 8
W16	9 20	2n 2	0 5	1 4	3 5	2 17	1 7	18 18	1 11	13 7	1 21	22 18	0 17	23 39	0 10	20 0	1 32	10 51	10 26	2 21	2 58	5 39	15 43	4 8
T 17	8 58	5 41	0s59	0 59	3 15	1 46	1 5	18 25	1 11	13 6	1 21	22 17	0 17	23 39	0 10	20 0	1 31	10 51	10 25	2 21	2 57	5 41	15 44	4 8
F 18	8 36	9 5	2 1	0 58	3 24	1 15	1 4	18 31	1 10	13 6	1 21	22 16	0 17	23 39	0 10	20 0	1 31	10 51	10 25	2 21	2 56	5 43	15 44	4 7
S 19	8 13	12 8	2 58	1 2	3 31	0 43	1 2	18 38	1 9	13 6	1 21	22 16	0 17	23 39	0 10	20 0	1 31	10 52	10 25	2 22	2 54	5 45	15 45	4 7
S 20	7 51	14 42	3 48	1 10	3 36	0 12	1 0	18 44	1 9	13 5	1 21	22 15	0 17	23 39	0 10	20 0	1 31	10 52	10 24	2 23	2 53	5 46	15 45	4 7
M21	7 28	16 40	4 29	1 23	3 40	0n19	0 58	18 50	1 8	13 4	1 22	22 15	0 17	23 39	0 10	20 0	1 31	10 52	10 24	2 23	2 52	5 48	15 46	4 7
T 22	7 5	17 54	4 58	1 40	3 41	0 51	0 56	18 56	1 7	13 4	1 22	22 14	0 17	23 39	0 10	20 0	1 31	10 52	10 24	2 23	2 51	5 50	15 47	4 7
W23	6 42	18 17	5 13	2 0	3 41	1 22	0 54	19 3	1 6	13 3	1 22	22 14	0 17	23 40	0 10	20 1	1 31	10 53	10 24	2 23	2 49	5 52	15 47	4 6
T 24	6 19	17 44	5 14	2 24	3 38	1 53	0 52	19 8	1 6	13 2	1 22	22 13	0 17	23 40	0 11	20 1	1 31	10 53	10 23	2 22	2 48	5 53	15 48	4 6
F 25	5 56	16 10	4 57	2 50	3 34	2 25	0 49	19 14	1 5	13 2	1 22	22 13	0 17	23 40	0 11	20 1	1 31	10 53	10 23	2 21	2 47	5 55	15 49	4 6
S 26	5 33	13 37	4 22	3 18	3 27	2 56	0 47	19 20	1 4	13 1	1 22	22 12	0 16	23 40	0 11	20 1	1 31	10 54	10 23	2 20	2 46	5 57	15 49	4 6
S 27	5 10	10 10	3 30	3 47	3 19	3 27	0 45	19 26	1 3	13 0	1 23	22 12	0 16	23 40	0 11	20 1	1 31	10 54	10 23	2 19	2 44	5 59	15 50	4 6
M28	4s46	6n 0	2s23	4s17	3n 9	3n58	0s43	19s31	1n 2	12s59	1n23	22s11	0n16	23s40	0s11	20n 1	1s31	10n54	10s22	2s18	2s43	6n 0	15n51	4s

ASTRODIENST EPHEMERIS for the year 1401

geocentric

MARCH 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 8 19	18°57'43	24°00'00	10°R49	12°Y53	1°X58	8°R 9	16°S53	27°X18	6°II50	4°II32	5°R45	6°D46	17°Y36	28°X18	T 1
W 2	11 12 16	19°57'19	9°D 4	10°X 0	14° 7	2°21	8°M 7	16°57	27°19	6°50	4°33	5°D45	6°43	17°43	28°20	W 2
T 3	11 16 12	20°56'53	24° 4	9°15	15°21	2°44	8° 3	17° 2	27°20	6°51	4°33	5°D46	6°40	17°49	28°23	T 3
F 4	11 20 9	21°56'25	8°M54	8°36	16°34	3° 6	8° 0	17° 6	27°21	6°52	4°34	5°46	6°37	17°56	28°26	F 4
S 5	11 24 5	22°55'55	23°26	8° 2	17°48	3°28	7°57	17°10	27°22	6°53	4°34	5°48	6°33	18° 3	28°28	S 5
S 6	11 28 2	23°55'24	7°X37	7°33	19° 2	3°50	7°53	17°14	27°23	6°54	4°35	5°48	6°30	18° 9	28°31	S 6
M 7	11 31 58	24°54'50	21°26	7°11	20°15	4°11	7°49	17°18	27°24	6°55	4°35	5°R49	6°27	18°16	28°34	M 7
T 8	11 35 55	25°54'15	4°S53	6°55	21°29	4°32	7°45	17°22	27°25	6°56	4°36	5°49	6°24	18°23	28°37	T 8
W 9	11 39 52	26°53'39	17°59	6°44	22°42	4°53	7°41	17°26	27°25	6°57	4°36	5°48	6°21	18°29	28°40	W 9
T 10	11 43 48	27°53'00	0°X47	6°D40	23°56	5°13	7°37	17°30	27°26	6°58	4°37	5°47	6°18	18°36	28°43	T 10
F 11	11 47 45	28°52'20	13°19	6°41	25° 9	5°33	7°33	17°34	27°27	6°59	4°38	5°46	6°14	18°43	28°46	F 11
S 12	11 51 41	29°51'37	25°38	6°48	26°22	5°53	7°28	17°37	27°28	7° 0	4°38	5°45	6°11	18°49	28°49	S 12
S 13	11 55 38	0°Y50'53	7°X47	7° 0	27°36	6°12	7°23	17°41	27°28	7° 1	4°39	5°45	6° 8	18°56	28°52	S 13
M14	11 59 34	1°50'06	19°47	7°17	28°49	6°31	7°18	17°44	27°29	7° 2	4°40	5°44	6° 5	19° 3	28°55	M14
T 15	12 3 31	2°49'18	1°Y41	7°40	0°X 2	6°49	7°13	17°48	27°29	7° 3	4°40	5°D44	6° 2	19° 9	28°58	T 15
W16	12 7 27	3°48'28	13°30	8° 6	1°15	7° 7	7° 8	17°51	27°30	7° 4	4°41	5°44	5°58	19°16	29° 2	W16
T 17	12 11 24	4°47'35	25°18	8°38	2°28	7°24	7° 3	17°54	27°30	7° 5	4°42	5°44	5°55	19°22	29° 5	T 17
F 18	12 15 20	5°46'41	7°X 5	9°13	3°41	7°41	6°57	17°57	27°30	7° 7	4°43	5°R44	5°52	19°29	29° 9	F 18
S 19	12 19 17	6°45'44	18°56	9°53	4°54	7°57	6°52	18° 0	27°31	7° 8	4°43	5°44	5°49	19°36	29°12	S 19
S 20	12 23 14	7°44'45	0°II53	10°36	6° 7	8°13	6°46	18° 3	27°31	7° 9	4°44	5°44	5°46	19°42	29°16	S 20
M21	12 27 10	8°43'44	13° 0	11°23	7°20	8°29	6°40	18° 6	27°31	7°11	4°45	5°44	5°43	19°49	29°19	M21
T 22	12 31 7	9°42'40	25°20	12°13	8°33	8°44	6°34	18° 9	27°31	7°12	4°46	5°44	5°39	19°56	29°23	T 22
W23	12 35 3	10°41'34	7°S57	13° 6	9°46	8°59	6°28	18°12	27°31	7°13	4°47	5°D43	5°36	20° 2	29°26	W23
T 24	12 39 0	11°40'26	20°56	14° 2	10°58	9°13	6°21	18°14	27°R31	7°15	4°48	5°43	5°33	20° 9	29°30	T 24
F 25	12 42 56	12°39'16	4°D19	15° 2	12°11	9°26	6°15	18°17	27°31	7°16	4°49	5°44	5°30	20°16	29°34	F 25
S 26	12 46 53	13°38'03	18° 9	16° 4	13°24	9°39	6° 9	18°19	27°31	7°18	4°50	5°44	5°27	20°22	29°38	S 26
S 27	12 50 49	14°36'48	2°M25	17° 8	14°36	9°52	6° 2	18°21	27°31	7°19	4°50	5°45	5°24	20°29	29°42	S 27
M28	12 54 46	15°35'31	17° 5	18°16	15°49	10° 4	5°55	18°24	27°31	7°21	4°51	5°46	5°20	20°36	29°46	M28
T 29	12 58 43	16°34'11	2°X 4	19°25	17° 1	10°15	5°49	18°26	27°31	7°22	4°52	5°R46	5°17	20°42	29°50	T 29
W30	13 2 39	17°32'49	17°15	20°37	18°13	10°26	5°42	18°28	27°30	7°24	4°53	5°46	5°14	20°49	29°54	W30
T 31	13 6 36	18°Y31'26	2°M29	21°X51	19°X26	10°X36	5°M35	18°S30	27°X30	7°II25	4°II54	5°D45	5°D11	20°Y56	29°X58	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	4s23	1n24	1 s 5	4s47	2n58	4n29	0s40	19s37	1n 2	12s58	1n23	22s10	0n16	23s40	0s11	20n 2	1s31	10n55	10s22	2s18	2s42	6n 2	15n51	4s 5											
W 2	3 59	3s19	0n18	5 17	2 46	5 0	0 38	19 42	1 1	12 57	1 23	22 10	0 16	23 40	0 11	20 2	1 31	10 55	10 22	2 17	2 40	6 4	15 52	4 5											
T 3	3 36	7 49	1 40	5 46	2 32	5 31	0 35	19 48	1 0	12 56	1 23	22 10	0 16	23 40	0 11	20 2	1 31	10 55	10 22	2 18	2 39	6 6	15 53	4 5											
F 4	3 12	11 46	2 54	6 14	2 18	6 2	0 33	19 53	0 59	12 54	1 23	22 9	0 16	23 40	0 11	20 2	1 31	10 56	10 21	2 18	2 38	6 7	15 53	4 5											
S 5	2 49	14 54	3 55	6 40	2 4	6 32	0 30	19 58	0 58	12 53	1 24	22 9	0 16	23 40	0 11	20 2	1 31	10 56	10 21	2 18	2 37	6 9	15 54	4 5											
S 6	2 25	17 3	4 40	7 5	1 49	7 3	0 28	20 3	0 57	12 52	1 24	22 8	0 16	23 40	0 11	20 3	1 30	10 56	10 21	2 19	2 35	6 11	15 55	4 4											
M 7	2 2	2 18	7 5	8 7	2 7	1 34	7 33	0 25	20 8	0 56	12 50	1 24	22 8	0 16	23 40	0 11	20 3	1 30	10 57	10 21	2 19	2 34	6 12	15 56	4 4										
T 8	1 38	18 8	5 17	7 47	1 18	8 3	0 23	20 13	0 55	12 49	1 24	22 7	0 16	23 40	0 11	20 3	1 30	10 57	10 20	2 19	2 33	6 14	15 57	4 4											
W 9	1 14	17 10	5 10	8 5	1 3	8 33	0 20	20 18	0 54	12 48	1 24	22 7	0 16	23 40	0 11	20 3	1 30	10 57	10 20	2 19	2 32	6 16	15 57	4 4											
T 10	0 51	15 22	4 48	8 21	0 48	9 3	0 17	20 23	0 53	12 46	1 24	22 6	0 16	23 40	0 11	20 3	1 30	10 58	10 20	2 18	2 30	6 18	15 58	4 4											
F 11	0 27	12 51	4 12	8 34	0 33	9 32	0 14	20 27	0 52	12 44	1 24	22 6	0 16	23 40	0 11	20 4	1 30	10 58	10 20	2 18	2 29	6 19	15 59	4 4											
S 12	0 3	9 48	3 25	8 45	0 19	10 2	0 12	20 32	0 50	12 43	1 25	22 5	0 16	23 40	0 11	20 4	1 30	10 58	10 19	2 18	2 28	6 21	16 0	4 4											
S 13	0n20	6 22	2 29	8 53	0 5	10 31	0 9	20 36	0 49	12 41	1 25	22 5	0 16	23 40	0 11	20 4	1 30	10 59	10 19	2 17	2 27	6 23	16 1	4 3											
M14	0 44	2 43	1 28	8 59	0s 8	10 59	0 6	20 41	0 48	12 39	1 25	22 5	0 16	23 40	0 11	20 4	1 30	10 59	10 19	2 17	2 25	6 25	16 1	4 3											
T 15	1 8	1n 1	0 23	9 3	0 21	11 28	0 3	20 45	0 47	12 38	1 25	22 4	0 16	23 40	0 11	20 5	1 30	11 0	10 19	2 17	2 24	6 26	16 2	4 3											
W16	1 31	4 41	0s43	9 5	0 34	11 56	0 0	20 49	0 45	12 36	1 25	22 4	0 16	23 40	0 11	20 5	1 30	11 0	10 18	2 17	2 23	6 28	16 3	4 3											
T 17	1 55	8 10	1 47	9 4	0 46	12 24	0n 2	20 53	0 44	12 34	1 25	22 3	0 15	23 40	0 11	20 5	1 30	11 0	10 18	2 17	2 22	6 30	16 4	4 3											
F 18	2 18	11 19	2 46	9 1	0 57	12 52	0 5	20 57	0 43	12 32	1 25	22 3	0 15	23 40	0 11	20 5	1 30	11 1	10 18	2 17	2 20	6 31	16 5	4 3											
S 19	2 42	14 1	3 38	8 56	1 8	13 20	0 8	21 1	0 41	12 30	1 25	22 3	0 15	23 40	0 11	20 6	1 30	11 1	10 18	2 17	2 19	6 33	16 6	4 3											
S 20	3 5	16 8	4 21	8 49	1 18	13 47	0 11	21 5	0 40	12 28	1 25	22 2	0 15	23 40	0 11	20 6	1 30	11 1	10 18	2 17	2 18	6 35	16 7	4 2											
M21	3 28	17 35	4 53	8 40	1 27	14 14	0 14	21 9	0 38	12 26	1 25	22 2	0 15	23 40	0 11	20 6	1 30	11 2	10 17	2 17	2 17	6 37	16 7	4 2											
T 22	3 52	18 13	5 13	8 29	1 36	14 40	0 17	21 13	0 37	12 24	1 26	22 2	0 15	23 40	0 11	20 6	1 30	11 2	10 17	2 17	2 15	6 38	16 8	4 2											
W23	4 15	17 59	5 18	8 16	1 45	15 6	0 20	21 17	0 35	12 22	1 26	22 1	0 15	23 40	0 11	20 7	1 30	11 2	10 17	2 17	2 14	6 40	16 9	4 2											
T 24	4 38	16 49	5 7	8 2	1 52	15 32	0 23	21 21	0 34	12 20	1 26	22 1	0 15	23 40	0 11	20 7	1 30	11 3	10 17	2 17	2 13	6 42	16 10	4 2											
F 25	5 1	14 43	4 39	7 45	2 0	15 57	0 26	21 24	0 32	12 18	1 26	22 1	0 15	23 41	0 11	20 7	1 29	11 3	10 16	2 17	2 11	6 43	16 11	4 2											
S 26	5 24	11 43	3 55	7 27	2 6	16 22	0 29	21 28	0 30	12 16	1 26	22 1	0 15	23 41	0 11	20 8	1 29	11 3	10 16	2 17	2 10	6 45	16 12	4 2											
S 27	5 47	7 56	2 55	7 7	2 12	16 47	0 32	21 31	0 29	12 13	1 26	22 0	0 15	23 41	0 11	20 8	1 29	11 4	10 16	2 18	2 9	6 47	16 13	4 2											
M28	6 9	3 33	1 42	6 46	2 18	17 11	0 35	21 35	0 27	12 11	1 26	22 0	0 15	23 41	0 11	20 8	1 29	11 4	10 16	2 18	2 8	6 49	16 14	4 1											
T 29	6 32	1s 8	0 21	6 23	2 23	17 34	0 38	21 38	0 25	12 9	1 26	22 0	0 15	23 41	0 11	20 8	1 29	11 5	10 16	2 18	2 6	6 50	16 15	4 1											
W30	6 55	5 49	1n 3	5 59	2 27	17 58	0 41	21 42	0 23	12 7	1 26	22 0	0 15	23 41	0 11	20 9	1 29	11 5	10 15	2 18	2 5	6 52	16 16	4 1											
T 31	7n17	10s 8	2n23	5s33	2s31	18n21	0n44	21s45	0n22	12s 4	1n26	21s59	0n15	23s41	0s11	20n 9	1s29	11n 5	10s15	2s18	2s 4	6n54	16n17	4s 5											

Julian Day Number = 2232832.5, Delta T = 07m51s

Ecliptic obliquity = 23°30'53", Nutation = 0°00'03", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°23'12", Lahiri = 15°30'13" Julian Calendar 1 March 1401 == Greg. Calendar 10 March 1401

ASTRODIENST EPHEMERIS for the year 1401

geocentric

APRIL 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	13 10 32	19°30'01	17°35	23°8	20°38	10°46	5°R28	18°32	27°R30	7°27	4°55	5°R44	5°8	21°2	0°2	F 1
S 2	13 14 29	20°28'34	2°25	24°26	21°50	10°55	5°M21	18°33	27°29	7°29	4°56	5°42	5°4	21°9	0°6	S 2
S 3	13 18 25	21°27'05	16°52	25°47	23°2	11°3	5°14	18°35	27°29	7°30	4°57	5°40	5°1	21°16	0°10	S 3
M 4	13 22 22	22°25'34	0°35	27°10	24°14	11°11	5°6	18°37	27°28	7°32	4°58	5°39	4°58	21°22	0°14	M 4
T 5	13 26 18	23°24'02	14°26	28°34	25°26	11°19	4°59	18°38	27°28	7°34	4°59	5°38	4°55	21°29	0°18	T 5
W 6	13 30 15	24°22'29	27°33	0°1	26°38	11°25	4°52	18°39	27°27	7°35	5°1	5°D38	4°52	21°35	0°23	W 6
T 7	13 34 12	25°20'53	10°18	1°29	27°50	11°31	4°44	18°41	27°26	7°37	5°2	5°38	4°49	21°42	0°27	T 7
F 8	13 38 8	26°19'16	22°43	2°59	29°2	11°36	4°37	18°42	27°26	7°39	5°3	5°39	4°45	21°49	0°31	F 8
S 9	13 42 5	27°17'38	4°53	4°31	0°14	11°41	4°29	18°43	27°25	7°41	5°4	5°41	4°42	21°55	0°36	S 9
S 10	13 46 1	28°15'57	16°52	6°5	1°25	11°44	4°22	18°44	27°24	7°42	5°5	5°43	4°39	22°2	0°40	S 10
M 11	13 49 58	29°14'15	28°44	7°41	2°37	11°48	4°14	18°45	27°23	7°44	5°6	5°44	4°36	22°9	0°45	M 11
T 12	13 53 54	0°12'32	10°32	9°19	3°48	11°50	4°6	18°46	27°22	7°46	5°7	5°R44	4°33	22°15	0°49	T 12
W 13	13 57 51	1°10'46	22°19	10°58	5°0	11°52	3°59	18°46	27°21	7°48	5°8	5°43	4°30	22°22	0°54	W 13
T 14	14 1 47	2°8'59	4°8	12°40	6°11	11°53	3°51	18°47	27°20	7°50	5°10	5°40	4°26	22°29	0°58	T 14
F 15	14 5 44	3°7'11	15°59	14°23	7°22	11°R53	3°44	18°48	27°19	7°52	5°11	5°37	4°23	22°35	1°3	F 15
S 16	14 9 40	4°5'20	27°56	16°8	8°34	11°52	3°36	18°48	27°18	7°54	5°12	5°32	4°20	22°42	1°7	S 16
S 17	14 13 37	5°3'28	10°11	17°54	9°45	11°51	3°28	18°48	27°17	7°56	5°13	5°27	4°17	22°49	1°12	S 17
M 18	14 17 34	6°1'34	22°15	19°43	10°56	11°49	3°21	18°48	27°16	7°58	5°14	5°22	4°14	22°55	1°17	M 18
T 19	14 21 30	6°59'38	4°31	21°33	12°7	11°46	3°13	18°49	27°15	8°0	5°16	5°17	4°10	23°2	1°21	T 19
W 20	14 25 27	7°57'40	17°21	23°26	13°18	11°42	3°5	18°R49	27°13	8°2	5°17	5°14	4°7	23°9	1°26	W 20
T 21	14 29 23	8°55'40	0°18	25°20	14°29	11°38	2°58	18°49	27°12	8°4	5°18	5°13	4°4	23°15	1°31	T 21
F 22	14 33 20	9°53'38	13°35	27°16	15°39	11°33	2°50	18°48	27°11	8°6	5°19	5°D12	4°1	23°22	1°35	F 22
S 23	14 37 16	10°51'34	27°15	29°14	16°50	11°27	2°43	18°48	27°9	8°8	5°21	5°13	3°58	23°29	1°40	S 23
S 24	14 41 13	11°49'29	11°18	1°13	18°1	11°21	2°35	18°48	27°8	8°10	5°22	5°15	3°55	23°35	1°45	S 24
M 25	14 45 9	12°47'21	25°44	3°14	19°11	11°13	2°28	18°47	27°6	8°12	5°23	5°16	3°51	23°42	1°50	M 25
T 26	14 49 6	13°45'12	10°30	5°17	20°22	11°5	2°20	18°47	27°5	8°14	5°25	5°R16	3°48	23°49	1°55	T 26
W 27	14 53 3	14°43'01	25°32	7°22	21°32	10°57	2°13	18°46	27°3	8°16	5°26	5°15	3°45	23°55	2°0	W 27
T 28	14 56 59	15°40'49	10°42	9°28	22°42	10°47	2°6	18°45	27°2	8°18	5°27	5°11	3°42	24°2	2°4	T 28
F 29	15 0 56	16°38'35	25°49	11°35	23°52	10°37	1°58	18°44	27°0	8°20	5°28	5°6	3°39	24°8	2°9	F 29
S 30	15 4 52	17°36'20	10°45	13°44	25°11	10°26	1°51	18°43	26°58	8°22	5°30	5°0	3°35	24°15	2°14	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7n39	13s44	3n32	5s 5	2s34	18n43	0n47	21s48	0n20	12s 2	1n26	21s59	0n15	23s41	0s11	F 1
S 2	8 1	16 23	4 25	4 36	2 36	19 5	0 50	21 52	0 18	11 59	1 26	21 59	0 15	23 41	0 11	S 2
S 3	8 23	17 53	5 0	4 6	2 38	19 26	0 53	21 55	0 16	11 57	1 26	21 59	0 15	23 41	0 11	S 3
M 4	8 45	18 15	5 16	3 34	2 40	19 47	0 55	21 58	0 14	11 55	1 26	21 59	0 15	23 41	0 11	M 4
T 5	9 7	17 33	5 13	3 1	2 41	20 7	0 58	22 1	0 11	11 52	1 26	21 59	0 14	23 41	0 11	T 5
W 6	9 29	15 55	4 54	2 27	2 41	20 27	1 1	22 4	0 9	11 50	1 26	21 58	0 14	23 41	0 11	W 6
T 7	9 50	13 32	4 21	1 52	2 41	20 47	1 4	22 7	0 7	11 47	1 26	21 58	0 14	23 41	0 11	T 7
F 8	10 11	10 35	3 36	1 15	2 40	21 6	1 7	22 10	0 5	11 45	1 26	21 58	0 14	23 41	0 11	F 8
S 9	10 33	7 14	2 42	0 37	2 39	21 24	1 10	22 13	0 2	11 42	1 26	21 58	0 14	23 41	0 11	S 9
S 10	10 53	3 38	1 42	0n 2	2 37	21 41	1 12	22 16	0 0	11 40	1 26	21 58	0 14	23 41	0 11	S 10
M 11	11 14	0n 5	0 39	0 42	2 34	21 59	1 15	22 19	0s 2	11 37	1 26	21 58	0 14	23 41	0 11	M 11
T 12	11 35	3 47	0s26	1 23	2 32	22 15	1 18	22 21	0 5	11 35	1 26	21 58	0 14	23 41	0 11	T 12
W 13	11 55	7 19	1 30	2 5	2 28	22 31	1 21	22 24	0 7	11 32	1 26	21 58	0 14	23 41	0 11	W 13
T 14	12 15	10 35	2 30	2 48	2 24	22 46	1 23	22 27	0 10	11 30	1 26	21 58	0 14	23 41	0 11	T 14
F 15	12 35	13 25	3 23	3 33	2 20	23 1	1 26	22 29	0 13	11 27	1 26	21 58	0 14	23 41	0 11	F 15
S 16	12 55	15 44	4 8	4 18	2 15	23 15	1 28	22 32	0 15	11 25	1 26	21 58	0 14	23 41	0 11	S 16
S 17	13 15	17 22	4 43	5 4	2 9	23 29	1 31	22 35	0 18	11 22	1 26	21 58	0 14	23 41	0 11	S 17
M 18	13 34	18 13	5 5	5 50	2 3	23 42	1 33	22 37	0 21	11 19	1 26	21 58	0 14	23 41	0 11	M 18
T 19	13 53	18 13	5 13	6 38	1 56	23 54	1 36	22 39	0 24	11 17	1 26	21 58	0 14	23 41	0 11	T 19
W 20	14 12	17 20	5 6	7 26	1 49	24 5	1 38	22 42	0 26	11 14	1 26	21 58	0 14	23 41	0 12	W 20
T 21	14 31	15 32	4 43	8 15	1 42	24 16	1 40	22 44	0 29	11 12	1 25	21 58	0 14	23 41	0 12	T 21
F 22	14 50	12 53	4 5	9 4	1 34	24 27	1 43	22 46	0 32	11 9	1 25	21 58	0 13	23 41	0 12	F 22
S 23	15 8	9 27	3 13	9 54	1 26	24 36	1 45	22 49	0 35	11 7	1 25	21 58	0 13	23 41	0 12	S 23
S 24	15 26	5 23	2 7	10 44	1 17	24 45	1 47	22 51	0 38	11 4	1 25	21 58	0 13	23 41	0 12	S 24
M 25	15 44	0 55	0 52	11 34	1 8	24 53	1 49	22 53	0 42	11 2	1 25	21 58	0 13	23 41	0 12	M 25
T 26	16 1	3s44	0n29	12 25	0 58	25 1	1 51	22 55	0 45	11 0	1 25	21 59	0 13	23 41	0 12	T 26
W 27	16 18	8 14	1 48	13 15	0 48	25 8	1 53	22 57	0 48	10 57	1 25	21 59	0 13	23 41	0 12	W 27
T 28	16 35	12 13	3 1	14 5	0 38	25 14	1 55	22 59	0 51	10 55	1 25	21 59	0 13	23 41	0 12	T 28
F 29	16 52	15 23	4 0	14 55	0 28	25 19	1 57	23 0	0 55	10 52	1 25	21 59	0 13	23 40	0 12	F 29
S 30	17n 8	17s28	4n43	15n44	0s18	25n24	1n59	23s 2	0s58	10s50	1n24	21s59	0n13	23s40	0s12	S 30

Julian Day Number = 2232863.5, Delta T = 07m51s

Ecliptic obliquity = 23°30'53, Nutation = 0°00'01, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°23'16, Lahiri = 15°30'17 Julian Calendar 1 Apr. 1401 == Greg. Calendar 10 Apr. 1401

ASTRODIENST EPHEMERIS for the year 1401

geocentric

MAY 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 8 49	18°34'03	25°21	15°53	26°12	10°R14	1°R44	18°R42	26°R57	8°II24	5°II31	4°R54	3°32	24°Y22	2°II19	S 1
M 2	15 12 45	19°31'45	9°31	18° 4	27°22	10°2	1°M37	18°341	26°55	8°26	5°32	4°48	3°29	24°28	2°24	M 2
T 3	15 16 42	20°29'27	23°12	20°15	28°32	9°49	1°30	18°40	26°53	8°29	5°34	4°43	3°26	24°35	2°29	T 3
W 4	15 20 38	21°27'07	6°25	22°26	29°42	9°35	1°23	18°39	26°51	8°31	5°35	4°40	3°23	24°42	2°34	W 4
T 5	15 24 35	22°24'46	19°11	24°38	0°51	9°21	1°17	18°37	26°50	8°33	5°36	4°D39	3°20	24°48	2°39	T 5
F 6	15 28 32	23°22'24	1°36	26°49	2° 0	9° 6	1°10	18°36	26°48	8°35	5°38	4°39	3°16	24°55	2°44	F 6
S 7	15 32 28	24°20'01	13°44	29° 0	3°10	8°50	1° 3	18°34	26°46	8°37	5°39	4°40	3°13	25° 2	2°49	S 7
S 8	15 36 25	25°17'36	25°40	1°II10	4°19	8°34	0°57	18°33	26°44	8°39	5°40	4°41	3°10	25° 8	2°54	S 8
M 9	15 40 21	26°15'11	7°Y29	3°20	5°28	8°18	0°51	18°31	26°42	8°42	5°42	4°R42	3° 7	25°15	2°59	M 9
T 10	15 44 18	27°12'45	19°15	5°28	6°37	8° 1	0°44	18°29	26°40	8°44	5°43	4°40	3° 4	25°22	3° 4	T 10
W11	15 48 14	28°10'18	1°3	7°34	7°46	7°43	0°38	18°27	26°38	8°46	5°45	4°37	3° 1	25°28	3° 9	W11
T 12	15 52 11	29° 7'50	12°55	9°39	8°55	7°25	0°32	18°25	26°36	8°48	5°46	4°31	2°57	25°35	3°14	T 12
F 13	15 56 7	0°II 5'21	24°54	11°42	10° 4	7° 6	0°26	18°23	26°34	8°50	5°47	4°23	2°54	25°42	3°19	F 13
S 14	16 0 4	1° 2'51	7°II 1	13°43	11°12	6°48	0°21	18°21	26°32	8°53	5°49	4°14	2°51	25°48	3°24	S 14
S 15	16 4 1	2° 0'20	19°18	15°42	12°21	6°29	0°15	18°18	26°30	8°55	5°50	4° 3	2°48	25°55	3°29	S 15
M16	16 7 57	2°57'48	1°46	17°38	13°29	6° 9	0° 9	18°16	26°27	8°57	5°51	3°53	2°45	26° 2	3°34	M16
T 17	16 11 54	3°55'15	14°25	19°32	14°37	5°50	0° 4	18°14	26°25	8°59	5°53	3°43	2°41	26° 8	3°39	T 17
W18	16 15 50	4°52'40	27°16	21°24	15°45	5°30	29°59	18°11	26°23	9° 2	5°54	3°36	2°38	26°15	3°45	W18
T 19	16 19 47	5°50'05	10°12	23°13	16°53	5°10	29°54	18° 8	26°21	9° 4	5°56	3°31	2°35	26°22	3°50	T 19
F 20	16 23 43	6°47'28	23°40	25° 0	18° 1	4°50	29°49	18° 6	26°19	9° 6	5°57	3°28	2°32	26°28	3°55	F 20
S 21	16 27 40	7°44'50	7°15	26°44	19° 9	4°30	29°44	18° 3	26°16	9° 8	5°58	3°D27	2°29	26°35	4° 0	S 21
S 22	16 31 36	8°42'11	21° 9	28°25	20°16	4°10	29°39	18° 0	26°14	9°11	6° 0	3°28	2°26	26°42	4° 5	S 22
M23	16 35 33	9°39'31	5°21	0°4	21°23	3°50	29°35	17°57	26°12	9°13	6° 1	3°R28	2°22	26°48	4°10	M23
T 24	16 39 30	10°36'50	19°49	1°40	22°31	3°30	29°31	17°54	26° 9	9°15	6° 3	3°27	2°19	26°55	4°15	T 24
W25	16 43 26	11°34'07	4°11	3°13	23°38	3°10	29°27	17°51	26° 7	9°17	6° 4	3°24	2°16	27° 2	4°20	W25
T 26	16 47 23	12°31'24	19°24	4°43	24°45	2°51	29°23	17°48	26° 5	9°19	6° 5	3°18	2°13	27° 8	4°25	T 26
F 27	16 51 19	13°28'40	4°17	6°11	25°51	2°31	29°19	17°45	26° 2	9°22	6° 7	3°10	2°10	27°15	4°30	F 27
S 28	16 55 16	14°25'56	19° 3	7°36	26°58	2°12	29°15	17°42	26° 0	9°24	6° 8	3° 1	2° 7	27°22	4°35	S 28
S 29	16 59 12	15°23'11	3°34	8°58	28° 4	1°54	29°12	17°38	25°58	9°26	6° 9	2°50	2° 3	27°28	4°40	S 29
M30	17 3 9	16°20'25	17°43	10°18	29°10	1°35	29° 8	17°35	25°55	9°28	6°11	2°40	2° 0	27°35	4°45	M30
T 31	17 7 5	17°17'39	1°25	11°34	0°16	1°17	29°5	17°31	25°53	9°II31	6°II12	2°42	1°57	27°Y42	4°II50	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17n24	18s21	5n 5	16n32	0s 7	25n28	2n 1	23s 4	1s 1	10s48	1n24	21s59	0n13	23s40	0s12	20n19
M 2	17 40	18 3	5 8	17 19	0n 4	25 32	2 2	23 5	1 5	10 45	1 24	22 0	0 13	23 40	0 12	20 20
T 3	17 56	16 41	4 54	18 5	0 14	25 34	2 4	23 7	1 8	10 43	1 24	22 0	0 13	23 40	0 12	20 20
W 4	18 11	14 28	4 24	18 50	0 25	25 36	2 5	23 8	1 11	10 41	1 24	22 0	0 13	23 40	0 12	20 21
T 5	18 26	11 37	3 41	19 33	0 35	25 37	2 7	23 9	1 15	10 39	1 24	22 0	0 13	23 40	0 12	20 21
F 6	18 40	8 18	2 49	20 14	0 45	25 38	2 8	23 11	1 18	10 37	1 23	22 1	0 13	23 40	0 12	20 21
S 7	18 55	4 43	1 51	20 53	0 55	25 38	2 9	23 12	1 22	10 35	1 23	22 1	0 13	23 40	0 12	20 22
S 8	19 9	0 59	0 49	21 30	1 4	25 37	2 10	23 13	1 26	10 32	1 23	22 1	0 12	23 40	0 12	20 22
M 9	19 23	2n45	0s15	22 4	1 13	25 36	2 12	23 13	1 29	10 30	1 23	22 2	0 12	23 40	0 12	20 22
T 10	19 36	6 22	1 18	22 37	1 21	25 33	2 13	23 14	1 33	10 28	1 23	22 2	0 12	23 40	0 12	20 23
W11	19 49	9 44	2 17	23 6	1 29	25 30	2 13	23 15	1 36	10 26	1 23	22 2	0 12	23 40	0 12	20 23
T 12	20 2	12 44	3 11	23 33	1 36	25 27	2 14	23 15	1 40	10 25	1 22	22 3	0 12	23 40	0 12	20 23
F 13	20 14	15 14	3 56	23 57	1 42	25 23	2 15	23 16	1 43	10 23	1 22	22 3	0 12	23 40	0 12	20 24
S 14	20 26	17 5	4 31	24 18	1 48	25 18	2 16	23 16	1 47	10 21	1 22	22 3	0 12	23 40	0 12	20 24
S 15	20 38	18 11	4 55	24 37	1 53	25 12	2 16	23 16	1 50	10 19	1 22	22 4	0 12	23 40	0 12	20 24
M16	20 49	18 26	5 4	24 53	1 58	25 6	2 17	23 16	1 54	10 17	1 22	22 4	0 12	23 40	0 12	20 25
T 17	21 0	17 46	4 59	25 7	2 1	24 59	2 17	23 16	1 57	10 16	1 21	22 4	0 12	23 40	0 12	20 25
W18	21 11	16 12	4 39	25 18	2 4	24 51	2 17	23 16	2 1	10 14	1 21	22 5	0 12	23 40	0 12	20 26
T 19	21 21	13 47	4 4	25 26	2 6	24 43	2 17	23 16	2 4	10 13	1 21	22 5	0 12	23 40	0 12	20 26
F 20	21 31	10 36	3 16	25 32	2 7	24 34	2 17	23 15	2 7	10 11	1 21	22 6	0 12	23 40	0 12	20 26
S 21	21 40	6 47	2 15	25 36	2 8	24 25	2 17	23 15	2 11	10 10	1 20	22 6	0 12	23 40	0 12	20 27
S 22	21 49	2 31	1 5	25 38	2 8	24 14	2 17	23 14	2 14	10 8	1 20	22 7	0 11	23 40	0 12	20 27
M23	21 58	1s59	0n10	25 38	2 7	24 4	2 17	23 14	2 17	10 7	1 20	22 7	0 11	23 40	0 12	20 27
T 24	22 6	6 27	1 26	25 35	2 5	23 52	2 17	23 13	2 20	10 6	1 20	22 8	0 11	23 40	0 12	20 28
W25	22 14	10 36	2 37	25 31	2 3	23 40	2 16	23 12	2 24	10 4	1 19	22 8	0 11	23 39	0 12	20 28
T 26	22 22	14 7	3 39	25 25	1 59	23 28	2 15	23 11	2 27	10 3	1 19	22 8	0 11	23 39	0 12	20 28
F 27	22 29	16 43	4 25	25 18	1 56	23 15	2 15	23 11	2 30	10 2	1 19	22 9	0 11	23 39	0 12	20 29
S 28	22 36	18 11	4 54	25 8	1 51	23 1	2 14	23 10	2 33	10 1	1 19	22 9	0 11	23 39	0 12	20 29
S 29	22 43	18 26	5 2	24 58	1 46	22 47	2 13	23 9	2 35	10 0	1 18	22 10	0 11	23 39	0 12	20 29
M30	22 49	17 31	4 52	24 46	1 40	22 32	2 12	23 8	2 38	9 59	1 18	22 10	0 11	23 39	0 12	20 30
T 31	22n54	15s36	4n25	24n33	1n33	22n17	2n11	23s 7	2s41	9s58	1n18	22s11	0n11	23s39	0s12	20n30

Julian Day Number = 2232893.5, Delta T = 07m51s

Ecliptic obliquity = 23°30'52, Nutation = - 0°00'00, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°23'21, Lahiri = 15°30'21 Julian Calendar 1 May 1401 == Greg. Calendar 10 May 1401

ASTRODIENST EPHEMERIS for the year 1401

geocentric

JUNE 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	17 11 2	18II14'53	14 40 40	12 48 48	1 22 22	1°R 0	29°R 2	17°R28	25°R51	9II33	6II13	2°R25	1 54 54	27Y48	4II55	W 1
T 2	17 14 59	19°12'06	27°30	13°58	2°28	0 43 43	28 59 59	17 24 24	25 48 48	9°35	6°15	2 21 21	1°51	27°55	5° 0	T 2
F 3	17 18 55	20° 9'19	9 57 57	15° 6	3°33	0°26	28°57	17°21	25°46	9°37	6°16	2°20	1°47	28° 1	5° 5	F 3
S 4	17 22 52	21° 6'32	22° 6	16°10	4°39	0°10	28°54	17°17	25°43	9°40	6°18	2°D19	1°44	28° 8	5°10	S 4
S 5	17 26 48	22° 3'45	4Y 3	17°11	5°44	29M55	28°52	17°13	25°41	9°42	6°19	2°R19	1°41	28°15	5°15	S 5
M 6	17 30 45	23° 0'57	15°52	18° 9	6°49	29°40	28°50	17°10	25°38	9°44	6°20	2°19	1°38	28°21	5°20	M 6
T 7	17 34 41	23°58'10	27°40	19° 4	7°53	29°25	28°48	17° 6	25°36	9°46	6°22	2°17	1°35	28°28	5°25	T 7
W 8	17 38 38	24°55'23	9 30 30	19°55	8°58	29°12	28°46	17° 2	25°34	9°48	6°23	2°12	1°32	28°35	5°29	W 8
T 9	17 42 34	25°52'35	21°27	20°42	10° 2	28°59	28°44	16°58	25°31	9°50	6°24	2° 5	1°28	28°41	5°34	T 9
F 10	17 46 31	26°49'47	3II34	21°26	11° 6	28°47	28°43	16°54	25°29	9°53	6°25	1°55	1°25	28°48	5°39	F 10
S 11	17 50 28	27°47'00	15°53	22° 6	12°10	28°35	28°42	16°50	25°26	9°55	6°27	1°43	1°22	28°55	5°44	S 11
S 12	17 54 24	28°44'12	28°25	22°42	13°13	28°25	28°41	16°46	25°24	9°57	6°28	1°30	1°19	29° 1	5°49	S 12
M13	17 58 21	29°41'24	11 50 50	23°14	14°17	28°15	28°40	16°42	25°21	9°59	6°29	1°17	1°16	29° 8	5°54	M13
T14	18 2 17	0 58 38'36	24° 8	23°42	15°20	28° 6	28°39	16°38	25°19	10° 1	6°31	1° 5	1°13	29°15	5°58	T14
W15	18 6 14	1°35'48	7 18 18	24° 5	16°22	27°57	28°39	16°33	25°17	10° 3	6°32	0°56	1° 9	29°21	6° 3	W15
T16	18 10 10	2°32'59	20°39	24°25	17°25	27°50	28°38	16°29	25°14	10° 5	6°33	0°49	1° 6	29°28	6° 8	T16
F17	18 14 7	3°30'11	4 10 10	24°39	18°27	27°43	28°D38	16°25	25°12	10° 8	6°34	0°45	1° 3	29°35	6°13	F17
S18	18 18 3	4°27'22	17°53	24°49	19°29	27°37	28°38	16°21	25° 9	10°10	6°36	0°43	1° 0	29°41	6°17	S18
S19	18 22 0	5°24'32	1 46 46	24°54	20°31	27°32	28°39	16°16	25° 7	10°12	6°37	0°43	0°57	29°48	6°22	S19
M20	18 25 57	6°21'43	0°15	24°R55	21°32	27°28	28°39	16°12	25° 5	10°14	6°38	0°43	0°53	29°55	6°26	M20
T21	18 29 53	7°18'53	0M 5	24°51	22°33	27°25	28°40	16° 8	25° 2	10°16	6°39	0°42	0°50	0 5 1	6°31	T21
W22	18 33 50	8°16'04	14°28	24°42	23°34	27°23	28°40	16° 3	25° 0	10°18	6°41	0°38	0°47	0° 8	6°36	W22
T23	18 37 46	9°13'14	28°57	24°29	24°35	27°21	28°41	15°59	24°58	10°20	6°42	0°32	0°44	0°15	6°40	T23
F24	18 41 43	10°10'24	13 57 57	24°11	25°35	27°D20	28°42	15°55	24°55	10°22	6°43	0°24	0°41	0°21	6°45	F24
S25	18 45 39	11° 7'34	27°51	23°49	26°34	27°21	28°44	15°50	24°53	10°24	6°44	0°13	0°38	0°28	6°49	S25
S26	18 49 36	12° 4'45	12 3 3	23°23	27°34	27°22	28°45	15°46	24°51	10°26	6°45	0° 2	0°34	0°35	6°54	S26
M27	18 53 33	13° 1'56	25°58	22°53	28°33	27°23	28°47	15°41	24°48	10°28	6°47	29 10 51	0°31	0°41	6°58	M27
T28	18 57 29	13°59'07	9 31 31	22°20	29°31	27°26	28°49	15°37	24°46	10°30	6°48	29°42	0°28	0°48	7° 2	T28
W29	19 1 26	14°56'19	22°42	21°44	0 10 29	27°29	28°51	15°33	24°44	10°32	6°49	29°35	0°25	0°55	7° 7	W29
T30	19 5 22	15°53'32	5 5 29	21 5 29	1 10 27	27M34	28 53 53	15 28 28	24 42 42	10II34	6II50	29 10 30	0 22 22	1 8 1	7II11	T30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	23n 0	12s54	3n45	24n19	1n26	22n 1	2n 9	23s 5	2s44	9s57	1n18	22s12	0n11	23s39	0s12	20n30
T 2	23 4	9 40	2 54	24 4	1 18	21 45	2 8	23 4	2 46	9 57	1 17	22 12	0 11	23 39	0 12	20 31
F 3	23 9	6 4	1 56	23 48	1 9	21 28	2 6	23 3	2 49	9 56	1 17	22 13	0 11	23 39	0 12	20 31
S 4	23 13	2 19	0 54	23 31	1 0	21 11	2 5	23 2	2 51	9 55	1 17	22 13	0 11	23 39	0 12	20 31
S 5	23 17	1n28	0s 9	23 14	0 50	20 53	2 3	23 1	2 54	9 55	1 17	22 14	0 10	23 39	0 12	20 32
M 6	23 20	5 10	1 11	22 56	0 39	20 35	2 1	23 0	2 56	9 54	1 16	22 14	0 10	23 39	0 12	20 32
T 7	23 23	8 39	2 10	22 37	0 28	20 16	1 59	22 59	2 58	9 54	1 16	22 15	0 10	23 39	0 12	20 32
W 8	23 25	11 48	3 3	22 18	0 17	19 57	1 56	22 58	3 0	9 53	1 16	22 15	0 10	23 39	0 12	20 33
T 9	23 27	14 30	3 49	21 59	0 4	19 37	1 54	22 57	3 2	9 53	1 16	22 16	0 10	23 38	0 12	20 33
F 10	23 29	16 36	4 25	21 40	0s 8	19 17	1 52	22 56	3 4	9 53	1 15	22 17	0 10	23 38	0 12	20 33
S 11	23 30	17 58	4 49	21 21	0 21	18 57	1 49	22 56	3 6	9 53	1 15	22 17	0 10	23 38	0 12	20 34
S 12	23 30	18 30	5 0	21 1	0 35	18 36	1 46	22 55	3 8	9 53	1 15	22 18	0 10	23 38	0 12	20 34
M13	23 31	18 8	4 56	20 42	0 49	18 15	1 43	22 54	3 9	9 52	1 14	22 18	0 10	23 38	0 12	20 34
T14	23 31	16 49	4 37	20 23	1 3	17 53	1 40	22 54	3 11	9 52	1 14	22 19	0 10	23 38	0 12	20 34
W15	23 30	14 35	4 3	20 5	1 18	17 31	1 37	22 53	3 12	9 53	1 14	22 20	0 10	23 38	0 12	20 35
T16	23 29	11 34	3 15	19 47	1 33	17 9	1 34	22 53	3 14	9 53	1 14	22 20	0 10	23 38	0 12	20 35
F17	23 28	7 54	2 15	19 29	1 48	16 47	1 31	22 53	3 15	9 53	1 13	22 21	0 9	23 38	0 12	20 35
S18	23 26	3 46	1 7	19 12	2 4	16 24	1 27	22 53	3 16	9 53	1 13	22 21	0 9	23 38	0 12	20 36
S19	23 24	0s37	0n 6	18 56	2 19	16 1	1 23	22 53	3 18	9 54	1 13	22 22	0 9	23 38	0 12	20 36
M20	23 22	5 2	1 19	18 41	2 34	15 37	1 20	22 53	3 19	9 54	1 12	22 23	0 9	23 38	0 12	20 36
T21	23 19	9 13	2 29	18 27	2 49	15 14	1 16	22 53	3 20	9 54	1 12	22 23	0 9	23 38	0 12	20 36
W22	23 15	12 54	3 29	18 14	3 4	14 50	1 11	22 54	3 21	9 55	1 12	22 24	0 9	23 37	0 12	20 37
T23	23 12	15 48	4 17	18 2	3 19	14 26	1 7	22 54	3 22	9 56	1 12	22 24	0 9	23 37	0 12	20 37
F24	23 7	17 43	4 48	17 51	3 33	14 1	1 3	22 55	3 23	9 56	1 11	22 25	0 9	23 37	0 12	20 37
S25	23 3	18 29	5 1	17 42	3 46	13 36	0 58	22 56	3 23	9 57	1 11	22 26	0 9	23 37	0 12	20 38
S26	22 58	18 4	4 55	17 34	3 59	13 12	0 53	22 57	3 24	9 58	1 11	22 26	0 9	23 37	0 12	20 38
M27	22 52	16 35	4 31	17 27	4 10	12 47	0 49	22 58	3 25	9 59	1 11	22 27	0 9	23 37	0 12	20 38
T28	22 47	14 11	3 52	17 22	4 21	12 21	0 44	22 59	3 25	9 59	1 10	22 27	0 9	23 37	0 12	20 38
W29	22 40	11 7	3 2	17 19	4 30	11 56	0 38	23 0	3 26	10 0	1 10	22 28	0 8	23 37	0 12	20 39
T30	22n34	7s37	2n 4	17n17	4s38	11n30	0n33	23s 2	3s27	10s 1	1n10	22s29	0n 8	23s37	0s12	20n39

Julian Day Number = 2232924.5, Delta T = 07m51s

Ecliptic obliquity = 23°30'52, Nutation = 0°00'00, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°23'25, Lahiri = 15°30'25 Julian Calendar 1 June 1401 == Greg. Calendar 10 June 1401

ASTRODIENST EPHEMERIS for the year 1401

geocentric

JULY 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	19 9 19	16°50'44	17°56	20°R26	2°M24	27°M39	28°A55	15°R24	24°R39	10°II36	6°II51	29°R28	0°A19	1°B 8	7°II15	F 1
S 2	19 13 15	17°47'58	0°V 6	19°B45	3°21	27°44	28°58	15°B19	24°A37	10°37	6°52	29°D27	0°15	1°15	7°19	S 2
S 3	19 17 12	18°45'13	12° 3	19° 4	4°18	27°51	29° 0	15°15	24°35	10°39	6°53	29°M28	0°12	1°21	7°24	S 3
M 4	19 21 8	19°42'28	23°54	18°23	5°14	27°58	29° 3	15°11	24°33	10°41	6°54	29°R28	0° 9	1°28	7°28	M 4
T 5	19 25 5	20°39'44	5°B44	17°43	6° 9	28° 6	29° 6	15° 6	24°31	10°43	6°55	29°27	0° 6	1°35	7°32	T 5
W 6	19 29 1	21°37'01	17°37	17° 6	7° 4	28°15	29°10	15° 2	24°29	10°45	6°56	29°23	0° 3	1°41	7°36	W 6
T 7	19 32 58	22°34'19	29°38	16°30	7°59	28°25	29°13	14°57	24°27	10°46	6°57	29°18	29°M59	1°48	7°40	T 7
F 8	19 36 55	23°31'38	11°II52	15°59	8°53	28°35	29°16	14°53	24°25	10°48	6°58	29°10	29°56	1°55	7°44	F 8
S 9	19 40 51	24°28'58	24°21	15°30	9°46	28°46	29°20	14°49	24°23	10°50	6°59	29° 1	29°53	2° 1	7°48	S 9
S 10	19 44 48	25°26'18	7°B 6	15° 7	10°39	28°58	29°24	14°44	24°21	10°52	7° 0	28°50	29°50	2° 8	7°52	S 10
M 11	19 48 44	26°23'40	20° 9	14°48	11°31	29°11	29°28	14°40	24°19	10°53	7° 1	28°39	29°47	2°15	7°56	M 11
T 12	19 52 41	27°21'02	3°B28	14°34	12°23	29°24	29°32	14°36	24°17	10°55	7° 2	28°29	29°44	2°21	8° 0	T 12
W 13	19 56 37	28°18'25	17° 0	14°26	13°14	29°38	29°37	14°32	24°15	10°57	7° 3	28°22	29°40	2°28	8° 3	W 13
T 14	20 0 34	29°15'49	0°M44	14°D24	14° 4	29°53	29°41	14°27	24°13	10°58	7° 4	28°16	29°37	2°35	8° 7	T 14
F 15	20 4 31	0°B13'13	14°37	14°28	14°54	0°A 8	29°46	14°23	24°11	11° 0	7° 5	28°13	29°34	2°41	8°11	F 15
S 16	20 8 27	1°10'38	28°37	14°39	15°43	0°24	29°51	14°19	24° 9	11° 2	7° 6	28°D13	29°31	2°48	8°14	S 16
S 17	20 12 24	2° 8'04	12°A41	14°56	16°31	0°40	29°56	14°15	24° 8	11° 3	7° 7	28°13	29°28	2°55	8°18	S 17
M 18	20 16 20	3° 5'31	26°48	15°19	17°19	0°58	0°M 1	14°11	24° 6	11° 5	7° 8	28°R14	29°24	3° 1	8°21	M 18
T 19	20 20 17	4° 2'58	10°M58	15°49	18° 5	1°15	0° 6	14° 7	24° 4	11° 6	7° 8	28°14	29°21	3° 8	8°25	T 19
W 20	20 24 13	5° 0'26	25° 8	16°26	18°51	1°34	0°12	14° 3	24° 3	11° 8	7° 9	28°12	29°18	3°15	8°28	W 20
T 21	20 28 10	5°57'55	9°A17	17° 9	19°36	1°53	0°17	13°59	24° 1	11° 9	7°10	28° 8	29°15	3°21	8°32	T 21
F 22	20 32 6	6°55'24	23°22	17°58	20°20	2°13	0°23	13°55	23°59	11°11	7°11	28° 2	29°12	3°28	8°35	F 22
S 23	20 36 3	7°52'55	7°B20	18°53	21° 3	2°33	0°29	13°51	23°58	11°12	7°12	27°55	29° 9	3°35	8°38	S 23
S 24	20 40 0	8°50'26	21° 6	19°55	21°46	2°53	0°35	13°47	23°56	11°13	7°12	27°47	29° 5	3°41	8°41	S 24
M 25	20 43 56	9°47'59	4°A39	21° 3	22°27	3°15	0°41	13°44	23°55	11°15	7°13	27°39	29° 2	3°48	8°45	M 25
T 26	20 47 53	10°45'33	17°54	22°16	23° 7	3°36	0°48	13°40	23°54	11°16	7°14	27°33	28°59	3°55	8°48	T 26
W 27	20 51 49	11°43'08	0°A51	23°35	23°46	3°59	0°54	13°36	23°52	11°17	7°15	27°28	28°56	4° 1	8°51	W 27
T 28	20 55 46	12°40'44	13°30	25° 0	24°24	4°22	1° 1	13°33	23°51	11°19	7°15	27°25	28°53	4° 8	8°54	T 28
F 29	20 59 42	13°38'21	25°52	26°29	25° 1	4°45	1° 7	13°29	23°50	11°20	7°16	27°D24	28°50	4°15	8°57	F 29
S 30	21 3 39	14°36'01	7°V59	28° 3	25°36	5° 9	1°14	13°26	23°48	11°21	7°17	27°24	28°46	4°21	9° 0	S 30
S 31	21 7 35	15°B33'41	19°V57	29°B41	26°M10	5°A33	1°M21	13°B22	23°A47	11°II22	7°II17	27°M26	28°M43	4°B28	9°II 2	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	22n27	3s51	1n 1	17n16	4s44	11n 5	0n28	23s 3	3s27	10s 3	1n 9	22s29	0n 8	23s37	0s12	20n39	1s28	11n29	10s11	0n13	0s 7	9n26	17n29	4s 9	
S 2	22 20	0 1	0s 3	17 17	4 49	10 39	0 22	23 5	3 27	10 4	1 9	22 30	0 8	23 37	0 12	20 39	1 28	11 29	10 11	0 13	0 6	9 27	17 30	4 10	
S 3	22 12	3n45	1 7	17 20	4 52	10 13	0 16	23 7	3 28	10 5	1 9	22 30	0 8	23 37	0 12	20 40	1 28	11 29	10 11	0 13	0 5	9 29	17 30	4 10	
M 4	22 4	7 21	2 6	17 24	4 54	9 47	0 10	23 9	3 28	10 6	1 9	22 31	0 8	23 36	0 12	20 40	1 28	11 29	10 11	0 13	0 4	9 30	17 30	4 10	
T 5	21 55	10 38	3 1	17 29	4 53	9 21	0 4	23 11	3 28	10 7	1 8	22 32	0 8	23 36	0 12	20 40	1 28	11 29	10 11	0 13	0 2	9 32	17 31	4 11	
W 6	21 46	13 30	3 47	17 36	4 51	8 55	0s 2	23 13	3 29	10 9	1 8	22 32	0 8	23 36	0 12	20 40	1 28	11 29	10 11	0 15	0 1	9 34	17 31	4 11	
T 7	21 37	15 50	4 24	17 44	4 48	8 29	0 8	23 16	3 29	10 10	1 8	22 33	0 8	23 36	0 12	20 40	1 28	11 29	10 11	0 17	0n 0	9 35	17 31	4 11	
F 8	21 27	17 29	4 50	17 53	4 42	8 2	0 15	23 18	3 29	10 12	1 8	22 33	0 8	23 36	0 12	20 41	1 28	11 29	10 11	0 20	0 1	9 37	17 32	4 12	
S 9	21 17	18 21	5 3	18 3	4 36	7 36	0 21	23 21	3 29	10 13	1 7	22 34	0 8	23 36	0 12	20 41	1 28	11 29	10 11	0 24	0 3	9 38	17 32	4 12	
S 10	21 7	18 19	5 0	18 14	4 27	7 10	0 28	23 23	3 29	10 15	1 7	22 34	0 7	23 36	0 12	20 41	1 28	11 29	10 12	0 28	0 4	9 40	17 32	4 12	
M11	20 56	17 20	4 43	18 25	4 18	6 43	0 35	23 26	3 29	10 17	1 7	22 35	0 7	23 36	0 12	20 41	1 28	11 29	10 12	0 32	0 5	9 42	17 33	4 12	
T 12	20 45	15 24	4 10	18 38	4 7	6 17	0 42	23 29	3 29	10 18	1 7	22 36	0 7	23 36	0 12	20 42	1 28	11 30	10 12	0 36	0 7	9 43	17 33	4 13	
W13	20 34	12 35	3 22	18 50	3 55	5 51	0 50	23 32	3 29	10 20	1 6	22 36	0 7	23 36	0 12	20 42	1 28	11 30	10 12	0 39	0 8	9 45	17 33	4 13	
T 14	20 22	9 2	2 22	19 3	3 42	5 24	0 57	23 35	3 29	10 22	1 6	22 37	0 7	23 36	0 12	20 42	1 28	11 30	10 12	0 41	0 9	9 46	17 33	4 13	
F 15	20 10	4 58	1 12	19 17	3 28	4 58	1 5	23 38	3 29	10 24	1 6	22 37	0 7	23 36	0 12	20 42	1 29	11 30	10 12	0 43	0 10	9 48	17 34	4 14	
S 16	19 58	0 35	0n 2	19 30	3 14	4 32	1 12	23 41	3 28	10 26	1 5	22 38	0 7	23 36	0 12	20 42	1 29	11 30	10 12	0 43	0 12	9 49	17 34	4 14	
S 17	19 45	3s51	1 17	19 43	2 59	4 6	1 20	23 45	3 28	10 28	1 5	22 38	0 7	23 35	0 12	20 43	1 29	11 30	10 12	0 43	0 13	9 51	17 34	4 14	
M18	19 32	8 5	2 27	19 56	2 43	3 40	1 28	23 48	3 28	10 30	1 5	22 39	0 7	23 35	0 12	20 43	1 29	11 30	10 13	0 42	0 14	9 53	17 34	4 15	
T 19	19 18	11 51	3 29	20 8	2 27	3 14	1 37	23 52	3 28	10 32	1 5	22 39	0 7	23 35	0 12	20 43	1 29	11 30	10 13	0 42	0 15	9 54	17 35	4 15	
W20	19 4	14 56	4 18	20 20	2 11	2 49	1 45	23 55	3 27	10 34	1 4	22 40	0 7	23 35	0 12	20 43	1 29	11 30	10 13	0 43	0 17	9 56	17 35	4 16	
T 21	18 50	17 7	4 51	20 30	1 55	2 23	1 54	23 59	3 27	10 36	1 4	22 40	0 6	23 35	0 12	20 43	1 29	11 30	10 13	0 45	0 18	9 57	17 35	4 16	
F 22	18 36	18 15	5 6	20 40	1 39	1 58	2 2	24 3	3 27	10 39	1 4	22 41	0 6	23 35	0 12	20 43	1 29	11 29	10 13	0 47	0 19	9 59	17 35	4 16	
S 23	18 21	18 16	5 3	20 48	1 23	1 33	2 11	24 6	3 26	10 41	1 4	22 41	0 6	23 35	0 12	20 44	1 29	11 29	10 13	0 50	0 21	10 0	17 35	4 17	
S 24	18 6	17 12	4 42	20 55	1 8	1 8	2 20	24 10	3 26	10 43	1 3	22 42	0 6	23 35	0 12	20 44	1 29	11 29	10 14	0 53	0 22	10 2	17 35	4 17	
M25	17 51	15 11	4 6	21 0	0 52	0 43	2 29	24 14	3 25	10 46	1 3	22 42	0 6	23 35	0 12	20 44	1 29	11 29	10 14	0 56	0 23	10 3	17 35	4 17	
T 26	17 35	12 23	3 17	21 3	0 37	0 19	2 39	24 18	3 25	10 48	1 3	22 43	0 6	23 35	0 12	20 44	1 29	11 29	10 14	0 59	0 24	10 5	17 36	4 18	
W27	17 20	9 3	2 19	21 5	0 23	0s 5	2 48	24 21	3 25	10 51	1 3	22 43	0 6	23 35	0 12	20 44	1 29	11 29	10 14	1 1	0 26	10 7	17 36	4 18	
T 28	17 3	5 22	1 15	21 4	0 9	0 29	2 58	24 25	3 24	10 53	1 3	22 44	0 6	23 35	0 12	20 44	1 29	11 29	10 14	1 2	0 27	10 8	17 36	4 18	
F 29	16 47	1 31	0 8	21 0	0n 5	0 53	3 7	24 29	3 23	10 56	1 2	22 44	0 6	23 35	0 12	20 44	1 29	11 29	10 14	1 2	0 28	10 10	17 36	4 19	
S 30	16 30	2n18	0s57	20 54	0 18	1 16	3 17	24 33	3 23	10 58	1 2	22 45	0 6	23 35	0 12	20 45	1 29	11 29	10 14	1 2	0 29	10 11	17 36	4 19	
S 31	16n13	5n59	1s59	20n46	0n30	1s38	3s27	24s37	3s22	11s 1	1n 2	22s45	0n 6	23s35	0s12	20n45	1s29	11n29	10s15	1n 2	0n31	10n13	17n36	4s20	

ASTRODIENST EPHEMERIS for the year 1401

geocentric

AUGUST 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	21 11 32	16°31'24	18°48	18°23	26°43	5°58	1°28	13°R19	23°R46	11°II24	7°II18	27°II27	28°II40	48°35	9°II 5	M 1
T 2	21 15 28	17°29'08	13°38	3° 9	27°15	6°23	1°36	13°316	23°R45	11°25	7°18	27°R28	28°37	4°41	9° 8	T 2
W 3	21 19 25	18°26'53	25°32	4°58	27°45	6°49	1°43	13°12	23°44	11°26	7°19	27°28	28°34	4°48	9°10	W 3
T 4	21 23 22	19°24'41	7°II35	6°49	28°14	7°15	1°51	13° 9	23°43	11°27	7°19	27°26	28°30	4°55	9°13	T 4
F 5	21 27 18	20°22'30	19°51	8°42	28°41	7°41	1°58	13° 6	23°42	11°28	7°20	27°23	28°27	5° 1	9°16	F 5
S 6	21 31 15	21°20'21	28°25	10°38	29° 7	8° 8	2° 6	13° 3	23°41	11°29	7°21	27°18	28°24	5° 8	9°18	S 6
S 7	21 35 11	22°18'13	15°18	12°35	29°31	8°35	2°14	13° 0	23°40	11°30	7°21	27°13	28°21	5°15	9°20	S 7
M 8	21 39 8	23°16'07	28°33	14°32	29°53	9° 3	2°22	12°57	23°39	11°31	7°21	27° 7	28°18	5°21	9°23	M 8
T 9	21 43 4	24°14'03	12°II 8	16°31	0°14	9°31	2°30	12°55	23°38	11°32	7°22	27° 2	28°15	5°28	9°25	T 9
W10	21 47 1	25°12'01	26° 2	18°30	0°33	10° 0	2°39	12°52	23°37	11°33	7°22	26°58	28°11	5°35	9°27	W10
T 11	21 50 57	26°10'00	10°II11	20°29	0°50	10°29	2°47	12°49	23°37	11°34	7°23	26°56	28° 8	5°42	9°29	T 11
F 12	21 54 54	27° 8'00	24°30	22°28	1° 5	10°58	2°56	12°47	23°36	11°34	7°23	26°D55	28° 5	5°48	9°31	F 12
S 13	21 58 51	28° 6'03	8°II54	24°26	1°18	11°28	3° 4	12°44	23°35	11°35	7°23	26°55	28° 2	5°55	9°33	S 13
S 14	22 2 47	29° 4'06	23°20	26°24	1°29	11°58	3°13	12°42	23°35	11°36	7°24	26°56	27°59	6° 2	9°35	S 14
M15	22 6 44	0°II 2'11	7°II42	28°22	1°38	12°29	3°22	12°40	23°34	11°37	7°24	26°58	27°56	6° 8	9°37	M15
T 16	22 10 40	1° 0'17	21°58	0°II18	1°45	13° 0	3°31	12°38	23°34	11°38	7°24	26°59	27°52	6°15	9°39	T 16
W17	22 14 37	1°58'25	6°II 6	2°14	1°49	13°31	3°40	12°35	23°34	11°38	7°25	26°R59	27°49	6°22	9°41	W17
T 18	22 18 33	2°56'35	20° 3	4° 8	1°R51	14° 2	3°49	12°33	23°33	11°39	7°25	26°58	27°46	6°28	9°42	T 18
F 19	22 22 30	3°54'45	3°II49	6° 2	1°51	14°34	3°59	12°31	23°33	11°39	7°25	26°56	27°43	6°35	9°44	F 19
S 20	22 26 26	4°52'58	17°23	7°55	1°49	15° 6	4° 8	12°30	23°33	11°40	7°25	26°53	27°40	6°42	9°45	S 20
S 21	22 30 23	5°51'11	0°II44	9°46	1°44	15°39	4°18	12°28	23°32	11°41	7°26	26°50	27°36	6°48	9°47	S 21
M22	22 34 20	6°49'27	13°51	11°36	1°37	16°11	4°27	12°26	23°32	11°41	7°26	26°47	27°33	6°55	9°48	M22
T 23	22 38 16	7°47'44	26°44	13°26	1°27	16°44	4°37	12°25	23°32	11°42	7°26	26°45	27°30	7° 2	9°49	T 23
W24	22 42 13	8°46'03	9°II23	15°14	1°15	17°18	4°47	12°23	23°32	11°42	7°26	26°43	27°27	7° 8	9°51	W24
T 25	22 46 9	9°44'24	21°49	17° 1	1° 1	17°51	4°57	12°22	23°D32	11°43	7°26	26°D42	27°24	7°15	9°52	T 25
F 26	22 50 6	10°42'46	4°II 2	18°47	0°44	18°25	5° 7	12°20	23°32	11°43	7°26	26°42	27°21	7°22	9°53	F 26
S 27	22 54 2	11°41'11	16° 4	20°31	0°25	18°59	5°17	12°19	23°32	11°43	7°26	26°43	27°17	7°28	9°54	S 27
S 28	22 57 59	12°39'37	27°59	22°15	0° 4	19°34	5°27	12°18	23°32	11°44	7°26	26°44	27°14	7°35	9°55	S 28
M29	23 1 55	13°38'06	9°II50	23°57	29°II41	20° 8	5°37	12°17	23°32	11°44	7°R26	26°46	27°11	7°42	9°56	M29
T 30	23 5 52	14°36'37	21°39	25°39	29°15	20°43	5°48	12°16	23°33	11°44	7°26	26°47	27° 8	7°48	9°56	T 30
W31	23 9 49	15°II35'10	3°II33	27°II19	28°II48	21°II18	5°II58	12°II15	23°II33	11°II44	7°II26	26°II47	27°II 5	7°II55	9°II57	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	15n56	9n23	2s56	20n35	0n41	2s 1	3s37	24s41	3s22	11s 4	1n 2	22s45	0n 5	23s34	0s12	20n45	1s29	11n29	10s15	1n 1	0n32	10n14	17n36	4s20					
T 2	15 39	12 24	3 45	20 21	0 51	2 23	3 47	24 45	3 21	11 6	1 1	22 46	0 5	23 34	0 12	20 45	1 29	11 29	10 15	1 1	0 33	10 16	17 36	4 20					
W 3	15 21	14 55	4 25	20 4	1 1	2 44	3 58	24 49	3 21	11 9	1 1	22 46	0 5	23 34	0 12	20 45	1 29	11 29	10 15	1 1	0 34	10 17	17 36	4 21					
T 4	15 3	16 49	4 53	19 45	1 9	3 5	4 8	24 52	3 20	11 12	1 1	22 47	0 5	23 34	0 12	20 45	1 29	11 29	10 15	1 1	0 36	10 19	17 36	4 21					
F 5	14 44	18 0	5 9	19 23	1 17	3 26	4 19	24 56	3 19	11 15	1 1	22 47	0 5	23 34	0 12	20 45	1 29	11 29	10 15	1 3	0 37	10 21	17 36	4 22					
S 6	14 26	18 19	5 10	18 58	1 24	3 46	4 29	25 0	3 19	11 18	1 0	22 47	0 5	23 34	0 12	20 45	1 29	11 29	10 16	1 5	0 38	10 22	17 36	4 22					
S 7	14 7	17 44	4 56	18 31	1 29	4 5	4 40	25 4	3 18	11 21	1 0	22 48	0 5	23 34	0 12	20 45	1 29	11 28	10 16	1 7	0 40	10 24	17 36	4 22					
M 8	13 48	16 10	4 26	18 2	1 34	4 24	4 51	25 8	3 17	11 24	1 0	22 48	0 5	23 34	0 12	20 46	1 29	11 28	10 16	1 9	0 41	10 25	17 36	4 23					
T 9	13 29	13 41	3 41	17 30	1 38	4 42	5 2	25 11	3 17	11 27	1 0	22 48	0 5	23 34	0 12	20 46	1 29	11 28	10 16	1 11	0 42	10 27	17 36	4 23					
W10	13 10	10 21	2 41	16 56	1 42	5 0	5 13	25 15	3 16	11 30	1 0	22 49	0 5	23 34	0 12	20 46	1 29	11 28	10 16	1 13	0 43	10 28	17 36	4 24					
T 11	12 50	6 23	1 30	16 21	1 44	5 17	5 24	25 18	3 15	11 33	0 59	22 49	0 5	23 34	0 12	20 46	1 30	11 28	10 17	1 14	0 45	10 30	17 35	4 24					
F 12	12 30	1 59	0 13	15 44	1 46	5 33	5 35	25 22	3 14	11 36	0 59	22 50	0 4	23 34	0 12	20 46	1 30	11 28	10 17	1 14	0 46	10 31	17 35	4 25					
S 13	12 10	2s32	1n 5	15 5	1 47	5 48	5 46	25 25	3 14	11 39	0 59	22 50	0 4	23 34	0 12	20 46	1 30	11 28	10 17	1 14	0 47	10 33	17 35	4 25					
S 14	11 50	6 55	2 20	14 26	1 47	6 2	5 57	25 29	3 13	11 42	0 59	22 50	0 4	23 34	0 12	20 46	1 30	11 28	10 17	1 13	0 48	10 34	17 35	4 25					
M15	11 30	10 53	3 26	13 44	1 46	6 16	6 7	25 32	3 12	11 46	0 59	22 50	0 4	23 34	0 12	20 46	1 30	11 28	10 17	1 13	0 50	10 36	17 35	4 26					
T 16	11 9	14 10	4 18	13 2	1 45	6 28	6 18	25 35	3 11	11 49	0 58	22 51	0 4	23 34	0 12	20 46	1 30	11 27	10 17	1 12	0 51	10 37	17 35	4 26					
W17	10 48	16 34	4 54	12 19	1 43	6 40	6 29	25 38	3 10	11 52	0 58	22 51	0 4	23 34	0 12	20 46	1 30	11 27	10 18	1 12	0 52	10 39	17 35	4 27					
T 18	10 27	17 57	5 12	11 35	1 41	6 51	6 40	25 41	3 9	11 55	0 58	22 51	0 4	23 34	0 12	20 46	1 30	11 27	10 18	1 13	0 53	10 40	17 34	4 27					
F 19	10 6	18 15	5 12	10 51	1 38	7 0	6 50	25 44	3 9	11 59	0 58	22 52	0 4	23 34	0 12	20 46	1 30	11 27	10 18	1 13	0 55	10 42	17 34	4 28					
S 20	9 45	17 30	4 55	10 6	1 35	7 9	7 0	25 47	3 8	12 2	0 58	22 52	0 4	23 34	0 12	20 46	1 30	11 27	10 18	1 14	0 56	10 44	17 34	4 28					
S 21	9 24	15 48	4 22	9 20	1 31	7 16	7 10	25 50	3 7	12 5	0 57	22 52	0 4	23 34	0 12	20 46	1 30	11 27	10 18	1 16	0 57	10 45	17 34	4 28					
M22	9 2	13 17	3 35	8 35	1 27	7 22	7 20	25 53	3 6	12 9	0 57	22 52	0 4	23 34	0 12	20 46	1 30	11 27	10 18	1 17	0 59	10 47	17 33	4 29					
T 23	8 40	10 10	2 38	7 49	1 23	7 27	7 29	25 55	3 5	12 12	0 57	22 53	0 3	23 34	0 12	20 46	1 30	11 26	10 19	1 18	1 0	10 48	17 33	4 29					
W24	8 18	6 37	1 34	7 2	1 18	7 30	7 38	25 58	3 4	12 16	0 57	22 53	0 3	23 34	0 12	20 46	1 30	11 26	10 19	1 19	1 1	10 50	17 33	4 30					
T 25	7 56	2 51	0 27	6 16	1 13	7 32	7 47	26 0	3 3	12 19	0 57	22 53	0 3	23 34	0 12	20 46	1 30	11 26	10 19	1 19	1 2	10 51	17 33	4 30					
F 26	7 34	0n59	0s40	5 29	1 8	7 33	7 55	26 2	3 2	12 23	0 56	22 53	0 3	23 34	0 12	20 46	1 30	11 26	10 19	1 19	1 4	10 53	17 32	4 31					
S 27	7 12	4 43	1 45	4 43	1 2	7 33	8 3	26 4	3 1	12 26	0 56	22 53	0 3	23 34	0 12	20 46	1 30	11 26	10 19	1 19	1 5	10 54	17 32	4 31					
S 28	6 50	8 14	2 45	3 56	0 56	7 31	8 10	26 6	3 0	12 30	0 56	22 54	0 3	23 34	0 12	20 46	1 30	11 26	10 20	1 18	1 6	10 56	17 32	4 32					
M29	6 27	11 22	3 37	3 10	0 50	7 27	8 16	26 8	2 59	12 34	0 56	22 54	0 3	23 34	0 12	20 46	1 30	11 25	10 20	1 18	1 7	10 57	17 31	4 32					
T 30	6 5	14 3	4 20	2 24	0 43	7 22	8 22	26 9	2 58	12 37	0 56	22 54	0 3	23 34	0 12	20 46	1 30	11 25	10 20	1 17	1 9	10 59	17 31	4 32					
W31	5n42	16n 9	4s52	1n38	0n37	7s16	8s27	26s11	2s57	12s41	0n56	22s54	0n 3	23s34	0s12	20n46	1s30	11n25	10s20	1n17	1n10	11n 0	17n31	4s33					

ASTRODIENST EPHEMERIS for the year 1401

geocentric

SEPTEMBER 1401 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	23 13 45	16 ^h 33'46"	15 ^h 35'	28 ^h 59'	28°R19	21 ^h 54'	6 ^h 9'	12°R14	23 ^h 33'	11 ^h 45'	7°R26	26°R48	27 ^h 1'	8 ^h 2'	9 ^h 58'	T 1
F 2	23 17 42	17°32'24"	27°50'	0 ^h 37'	27 ^h 48'	22°29'	6°19'	12°31'4"	23°34'	11°45'	7 ^h 26'	26 ^h 48'	26°58'	8°8'	9°58'	F 2
S 3	23 21 38	18°31'03"	10°22'	2°14'	27°15'	23°5'	6°30'	12°13'	23°34'	11°45'	7°26'	26°47'	26°55'	8°15'	9°59'	S 3
S 4	23 25 35	19°29'46"	23°15'	3°51'	26°42'	23°41'	6°41'	12°13'	23°35'	11°45'	7°26'	26°46'	26°52'	8°22'	9°59'	S 4
M 5	23 29 31	20°28'30"	6°32'	5°26'	26°7'	24°18'	6°52'	12°12'	23°35'	11°45'	7°26'	26°45'	26°49'	8°28'	10°0'	M 5
T 6	23 33 28	21°27'17"	20°14'	7°1'	25°32'	24°54'	7°3'	12°12'	23°36'	11°R45'	7°26'	26°45'	26°46'	8°35'	10°0'	T 6
W 7	23 37 24	22°26'05"	4 ^h 20'	8°34'	24°55'	25°31'	7°14'	12°12'	23°36'	11°45'	7°26'	26°44'	26°42'	8°42'	10°0'	W 7
T 8	23 41 21	23°24'56"	18°46'	10°7'	24°19'	26°8'	7°25'	12°D12'	23°37'	11°45'	7°25'	26°44'	26°39'	8°48'	10°0'	T 8
F 9	23 45 17	24°23'49"	3 ^h 28'	11°38'	23°42'	26°45'	7°36'	12°12'	23°38'	11°45'	7°25'	26°D44'	26°36'	8°55'	10°R0'	F 9
S 10	23 49 14	25°22'44"	18°19'	13°9'	23°5'	27°23'	7°48'	12°12'	23°39'	11°45'	7°25'	26°44'	26°33'	9°2'	10°0'	S 10
S 11	23 53 11	26°21'41"	3 ^h 10'	14°38'	22°29'	28°0'	7°59'	12°12'	23°40'	11°45'	7°25'	26°R44'	26°30'	9°8'	10°0'	S 11
M12	23 57 7	27°20'39"	17°55'	16°7'	21°53'	28°38'	8°10'	12°13'	23°41'	11°44'	7°24'	26°44'	26°27'	9°15'	10°0'	M12
T 13	0 1 4	28°19'40"	2 ^h 28'	17°35'	21°18'	29°16'	8°22'	12°13'	23°41'	11°44'	7°24'	26°44'	26°23'	9°22'	10°0'	T 13
W14	0 5 0	29°18'42"	16°44'	19°2'	20°43'	29°54'	8°34'	12°14'	23°42'	11°44'	7°24'	26°44'	26°20'	9°29'	9°59'	W14
T 15	0 8 57	0 ^h 17'46"	0 ^h 42'	20°28'	20°10'	0 ^h 33'	8°45'	12°14'	23°44'	11°44'	7°23'	26°D44'	26°17'	9°35'	9°59'	T 15
F 16	0 12 53	1°16'52"	14°20'	21°53'	19°39'	1°11'	8°57'	12°15'	23°45'	11°43'	7°23'	26°44'	26°14'	9°42'	9°58'	F 16
S 17	0 16 50	2°16'00"	27°39'	23°17'	19°9'	1°50'	9°9'	12°16'	23°46'	11°43'	7°23'	26°44'	26°11'	9°49'	9°58'	S 17
S 18	0 20 46	3°15'09"	10 ^h 41'	24°40'	18°40'	2°29'	9°21'	12°17'	23°47'	11°43'	7°22'	26°45'	26°7'	9°55'	9°57'	S 18
M19	0 24 43	4°14'20"	23°27'	26°2'	18°14'	3°8'	9°33'	12°18'	23°48'	11°42'	7°22'	26°46'	26°4'	10°2'	9°56'	M19
T 20	0 28 40	5°13'33"	6 ^h 0'	27°22'	17°50'	3°47'	9°44'	12°19'	23°50'	11°42'	7°21'	26°46'	26°1'	10°9'	9°56'	T 20
W21	0 32 36	6°12'48"	18°21'	28°42'	17°27'	4°27'	9°57'	12°20'	23°51'	11°41'	7°21'	26°47'	25°58'	10°15'	9°55'	W21
T 22	0 36 33	7°12'05"	0 ^h 32'	0 ^h 0'	17°7'	5°6'	10°9'	12°22'	23°52'	11°41'	7°20'	26°R47'	25°55'	10°22'	9°54'	T 22
F 23	0 40 29	8°11'24"	12°34'	1°17'	16°50'	5°46'	10°21'	12°23'	23°54'	11°40'	7°20'	26°47'	25°52'	10°29'	9°53'	F 23
S 24	0 44 26	9°10'46"	24°31'	2°33'	16°34'	6°26'	10°33'	12°25'	23°55'	11°40'	7°19'	26°45'	25°48'	10°35'	9°52'	S 24
S 25	0 48 22	10°10'09"	6 ^h 32'	3°47'	16°21'	7°6'	10°45'	12°26'	23°57'	11°39'	7°19'	26°44'	25°45'	10°42'	9°50'	S 25
M26	0 52 19	11°9'34"	18°12'	5°0'	16°11'	7°46'	10°58'	12°28'	23°58'	11°38'	7°18'	26°42'	25°42'	10°49'	9°49'	M26
T 27	0 56 15	12°9'02"	0 ^h 3'	6°11'	16°3'	8°26'	11°10'	12°30'	24°0'	11°38'	7°18'	26°39'	25°39'	10°55'	9°48'	T 27
W28	1 0 12	13°8'32"	11°56'	7°20'	15°58'	9°7'	11°22'	12°32'	24°2'	11°37'	7°17'	26°37'	25°36'	11°2'	9°47'	W28
T 29	1 4 9	14°8'05"	23°57'	8°27'	15°55'	9°47'	11°35'	12°34'	24°3'	11°36'	7°17'	26°35'	25°33'	11°9'	9°45'	T 29
F 30	1 8 5	15°7'39"	6 ^h 10'	9 ^h 32'	15°D54'	10 ^h 28'	11 ^h 47'	12°36'	24°5'	11 ^h 36'	7 ^h 16'	26 ^h 34'	25 ^h 29'	11 ^h 15'	9 ^h 44'	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	5n19	17n34	5s11	0n52	0n30	7s 8	8s32	26s12	2s56	12s44	0n55	22s54	0n 3	23s34	0s12	20n46	1s30	11n25	10s20	1n17	1n11	11n 2	17n30	4s33	4s33	4s33	4s33	4s33	4s33
F 2	4 56	18 13	5 17	0 7	0 23	6 59	8 35	26 13	2 55	12 48	0 55	22 54	0 3	23 34	0 12	20 46	1 30	11 25	10 21	1 17	1 12	11 3	17 30	4 34	4 34	4 34	4 34	4 34	4 34
S 3	4 33	17 59	5 8	0s38	0 17	6 49	8 38	26 14	2 54	12 52	0 55	22 55	0 2	23 34	0 12	20 46	1 31	11 24	10 21	1 17	1 14	11 5	17 30	4 34	4 34	4 34	4 34	4 34	4 34
S 4	4 10	16 50	4 44	1 23	0 9	6 37	8 40	26 15	2 53	12 56	0 55	22 55	0 2	23 34	0 12	20 46	1 31	11 24	10 21	1 17	1 15	11 6	17 29	4 35	4 35	4 35	4 35	4 35	4 35
M 5	3 47	14 45	4 4	2 8	0 2	6 24	8 40	26 16	2 52	12 59	0 55	22 55	0 2	23 34	0 12	20 46	1 31	11 24	10 21	1 18	1 16	11 8	17 29	4 35	4 35	4 35	4 35	4 35	4 35
T 6	3 24	11 48	3 9	2 52	0s5	6 10	8 40	26 16	2 51	13 3	0 54	22 55	0 2	23 34	0 12	20 46	1 31	11 24	10 21	1 18	1 18	11 9	17 28	4 36	4 36	4 36	4 36	4 36	4 36
W 7	3 1	8 4	2 1	3 36	0 12	5 55	8 39	26 17	2 50	13 7	0 54	22 55	0 2	23 34	0 12	20 46	1 31	11 24	10 21	1 18	1 19	11 11	17 28	4 36	4 36	4 36	4 36	4 36	4 36
T 8	2 37	3 47	0 44	4 19	0 20	5 39	8 38	26 17	2 49	13 11	0 54	22 55	0 2	23 34	0 12	20 46	1 31	11 23	10 22	1 18	1 20	11 12	17 28	4 36	4 36	4 36	4 36	4 36	4 36
F 9	2 14	0s49	0n37	5 2	0 27	5 22	8 35	26 17	2 48	13 14	0 54	22 55	0 2	23 34	0 12	20 46	1 31	11 23	10 22	1 18	1 21	11 14	17 27	4 37	4 37	4 37	4 37	4 37	4 37
S 10	1 51	5 24	1 57	5 44	0 34	5 4	8 31	26 16	2 47	13 18	0 54	22 55	0 2	23 34	0 12	20 46	1 31	11 23	10 22	1 18	1 23	11 15	17 27	4 37	4 37	4 37	4 37	4 37	4 37
S 11	1 27	9 39	3 9	6 26	0 42	4 45	8 26	26 16	2 46	13 22	0 54	22 55	0 2	23 34	0 12	20 46	1 31	11 23	10 22	1 18	1 24	11 17	17 26	4 38	4 38	4 38	4 38	4 38	4 38
M12	1 4	13 15	4 8	7 7	0 49	4 26	8 21	26 15	2 45	13 26	0 54	22 55	0 2	23 34	0 12	20 46	1 31	11 23	10 22	1 18	1 25	11 18	17 26	4 38	4 38	4 38	4 38	4 38	4 38
T 13	0 40	15 59	4 50	7 48	0 57	4 6	8 14	26 15	2 44	13 30	0 53	22 55	0 2	23 34	0 12	20 46	1 31	11 22	10 22	1 18	1 26	11 20	17 25	4 39	4 39	4 39	4 39	4 39	4 39
W14	0 16	17 40	5 13	8 28	1 4	3 46	8 7	26 14	2 43	13 34	0 53	22 56	0 2	23 34	0 12	20 46	1 31	11 22	10 23	1 18	1 28	11 21	17 25	4 39	4 39	4 39	4 39	4 39	4 39
T 15	0s7	18 14	5 17	9 7	1 11	3 26	7 59	26 12	2 42	13 37	0 53	22 56	0 1	23 34	0 12	20 46	1 31	11 22	10 23	1 18	1 29	11 23	17 24	4 40	4 40	4 40	4 40	4 40	4 40
F 16	0 31	17 43	5 3	9 46	1 18	3 6	7 50	26 11	2 41	13 41	0 53	22 56	0 1	23 34	0 12	20 45	1 31	11 22	10 23	1 18	1 30	11 24	17 24	4 40	4 40	4 40	4 40	4 40	4 40
S 17	0 54	16 14	4 33	10 24	1 26	2 45	7 41	26 10	2 39	13 45	0 53	22 56	0 1	23 34	0 12	20 45	1 31	11 22	10 23	1 18	1 31	11 26	17 23	4 41	4 41	4 41	4 41	4 41	4 41
S 18	1 18	13 56	3 49	11 1	1 33	2 25	7 31	26 8	2 38	13 49	0 53	22 56	0 1	23 34	0 12	20 45	1 31	11 21	10 23	1 18	1 33	11 27	17 23	4 41	4 41	4 41	4 41	4 41	4 41
M19	1 41	11 0	2 55	11 38	1 40	2 5	7 20	26 6	2 37	13 53	0 53	22 56	0 1	23 35	0 12	20 45	1 31	11 21	10 23	1 17	1 34	11 28	17 22	4 41	4 41	4 41	4 41	4 41	4 41
T 20	2 5	7 36	1 53	12 14	1 47	1 45	7 9	26 4	2 36	13 57	0 52	22 56	0 1	23 35	0 12	20 45	1 31	11 21	10 24	1 17	1 35	11 30	17 22	4 42	4 42	4 42	4 42	4 42	4 42
W21	2 28	3 54	0 47	12 49	1 53	1 26	6 57	26 1	2 35	14 1	0 52	22 55	0 1	23 35	0 12	20 45	1 31	11 21	10 24	1 17	1 37	11 31	17 21	4 42	4 42	4 42	4 42	4 42	4 42
T 22	2 52	0 6	0s21	13 23	2 0	1 7	6 45	25 59	2 34	14 5	0 52	22 55	0 1	23 35	0 12	20 45	1 31	11 20	10 24	1 17	1 38	11 33	17 21	4 43	4 43	4 43	4 43	4 43	4 43
F 23	3 15	3n39	1 26	13 56	2 6	0 49	6 33	25 56	2 33	14 9	0 52	22 55	0 1	23 35	0 12	20 45	1 31	11 20	10 24	1 17	1 39	11 34	17 20	4 43	4 43	4 43	4 43	4 43	4 43
S 24	3 39	7 14	2 28	14 28	2 13	0 31	6 20	25 53	2 32	14 13	0 52	22 55	0 1	23 35	0 12	20 45	1 31	11 20	10 24	1 18	1 40	11 36	17 19	4 44	4 44	4 44	4 44	4 44	4 44
S 25	4 2	10 30	3 22	15 0	2 19	0 14	6 7	25 50	2 30	14 17	0 52	22 55	0 1	23 35	0 12	20 45	1 31	11 20	10 24	1 18	1 42	11 37	17 19	4 44	4 44	4 44	4 44	4 44	4 44
M26	4 26	13 20	4 8	15 30	2 25	0n2	5 54	25 46	2 29	14 21	0 52	22 55	0 1	23 35	0 12	20 44	1 32	11 19	10 25	1 19	1 43	11 39	17 18	4 44	4 44	4 44	4 44	4 44	4 44
T 27	4 49	15 37	4 43	15 59	2 30	0 17	5 41	25 42	2 28	14 25	0 51	22 55	0 0	23 35	0 12	20 44	1 32	11 19	10 25	1 20	1 44	11 40	17 18	4 45	4 45	4 45	4 45	4 45	4 45
W28	5 12	17 15	5 6	16 27	2 35	0 32	5 27	25 39	2 27	14 29	0 51	22 55	0 0	23 35	0 12	20 44	1 32	11 19	10 25	1 21	1 45	11 42	17 17	4 45	4 45	4 45	4 45	4 45	4 45
T 29	5 35	18 7	5 15	16 54	2 40	0 35	5 14	25 34	2 26	14 33	0 51	22 55	0 0	23 35	0 12	20 44	1 32	11 19	10 25	1 22	1 47	11 43	17 16	4 46	4 46	4 46	4 46	4 46	4 46
F 30	5s59	18n11	5s11	17s19	2s45	0n58	5s 0	25s30	2s25	14s36	0n51	22s55	0n 0	23s35	0s12	20n44	1s32	11n19	10s25	1n22	1n48	11n45	17n16	4s46	4s46	4s46	4s46	4s46	4s46

ASTRODIENST EPHEMERIS for the year 1401

geocentric

OCTOBER 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 12 2	16♌ 7'16	18♌37	10♌35	15♌56	11♌9	12♌0	12♌38	24♌7	11♌35	7♌15	26♌34	25♌26	11♌22	9♌42	S 1
S 2	1 15 58	17° 6'56	1♌25	11°35	16° 0	11°50	12°12	12°40	24° 9	11♌34	7♌15	26♌34	25°23	11°29	9♌40	S 2
M 3	1 19 55	18° 6'37	14°36	12°33	16° 6	12°31	12°25	12°43	24°11	11°33	7°14	26°36	25°20	11°36	9°39	M 3
T 4	1 23 51	19° 6'21	28°13	13°27	16°15	13°12	12°38	12°45	24°13	11°32	7°13	26°37	25°17	11°42	9°37	T 4
W 5	1 27 48	20° 6'07	12♌17	14°18	16°26	13°53	12°51	12°48	24°15	11°31	7°12	26°38	25°13	11°49	9°35	W 5
T 6	1 31 44	21° 5'56	26°47	15° 5	16°39	14°35	13° 3	12°50	24°17	11°30	7°12	26°R39	25°10	11°56	9°33	T 6
F 7	1 35 41	22° 5'46	11♌40	15°47	16°55	15°16	13°16	12°53	24°19	11°29	7°11	26°38	25° 7	12° 2	9°31	F 7
S 8	1 39 37	23° 5'38	26°46	16°26	17°12	15°58	13°29	12°56	24°21	11°29	7°10	26°36	25° 4	12° 9	9°29	S 8
S 9	1 43 34	24° 5'33	11♌59	16°58	17°31	16°39	13°42	12°59	24°23	11°27	7° 9	26°33	25° 1	12°16	9°27	S 9
M10	1 47 31	25° 5'29	27° 6	17°26	17°52	17°21	13°55	13° 2	24°25	11°26	7° 9	26°29	24°58	12°22	9°25	M10
T 11	1 51 27	26° 5'28	12♌0	17°47	18°15	18° 3	14° 8	13° 5	24°28	11°25	7° 8	26°25	24°54	12°29	9°22	T 11
W12	1 55 24	27° 5'28	26°33	18° 1	18°40	18°45	14°21	13° 8	24°30	11°24	7° 7	26°21	24°51	12°36	9°20	W12
T 13	1 59 20	28° 5'29	10♌40	18°R 7	19° 6	19°27	14°34	13°12	24°32	11°23	7° 6	26°18	24°48	12°42	9°18	T 13
F 14	2 3 17	29° 5'33	24°21	18° 6	19°34	20°10	14°47	13°15	24°35	11°22	7° 5	26°D17	24°45	12°49	9°15	F 14
S 15	2 7 13	0♌ 5'37	7♌37	17°55	20° 4	20°52	15° 0	13°18	24°37	11°21	7° 4	26°17	24°42	12°56	9°13	S 15
S 16	2 11 10	1° 5'44	20°30	17°36	20°35	21°34	15°13	13°22	24°40	11°20	7° 3	26°19	24°38	13° 2	9°10	S 16
M17	2 15 6	2° 5'52	3♌4	17° 7	21° 8	22°17	15°26	13°26	24°42	11°18	7° 3	26°20	24°35	13° 9	9° 7	M17
T 18	2 19 3	3° 6'01	15°22	16°28	21°42	22°59	15°39	13°29	24°45	11°17	7° 2	26°22	24°32	13°16	9° 5	T 18
W19	2 23 0	4° 6'12	27°30	15°40	22°18	23°42	15°52	13°33	24°47	11°16	7° 1	26°R22	24°29	13°23	9° 2	W19
T 20	2 26 56	5° 6'25	9♌30	14°43	22°55	24°25	16° 6	13°37	24°50	11°15	7° 0	26°21	24°26	13°29	8°59	T 20
F 21	2 30 53	6° 6'40	21°24	13°38	23°33	25° 8	16°19	13°41	24°53	11°13	6°59	26°18	24°23	13°36	8°56	F 21
S 22	2 34 49	7° 6'56	3♌15	12°26	24°13	25°50	16°32	13°45	24°55	11°12	6°58	26°13	24°19	13°43	8°54	S 22
S 23	2 38 46	8° 7'14	15° 6	11° 9	24°54	26°33	16°45	13°49	24°58	11°11	6°57	26° 7	24°16	13°49	8°51	S 23
M24	2 42 42	9° 7'34	26°57	9°49	25°35	27°16	16°59	13°53	25° 1	11° 9	6°56	25°58	24°13	13°56	8°48	M24
T 25	2 46 39	10° 7'55	8♌50	8°29	26°18	27°59	17°12	13°58	25° 3	11° 8	6°55	25°50	24°10	14° 3	8°45	T 25
W26	2 50 35	11° 8'19	20°48	7°12	27° 3	28°42	17°25	14° 2	25° 6	11° 6	6°54	25°41	24° 7	14° 9	8°42	W26
T 27	2 54 32	12° 8'44	2♌52	6° 0	27°48	29°26	17°38	14° 6	25° 9	11° 5	6°53	25°34	24° 4	14°16	8°38	T 27
F 28	2 58 29	13° 9'11	15° 6	4°55	28°34	0♌9	17°52	14°11	25°12	11° 4	6°52	25°28	24° 0	14°23	8°35	F 28
S 29	3 2 25	14° 9'41	27°32	3°59	29°21	0°52	18° 5	14°15	25°15	11° 2	6°51	25°24	23°57	14°29	8°32	S 29
S 30	3 6 22	15°10'11	10♌14	3°13	0♌9	1°36	18°18	14°20	25°18	11° 1	6°50	25°D22	23°54	14°36	8°29	S 30
M31	3 10 18	16♌10'44	23♌17	2♌39	0♌58	2♌19	18♌32	14♌25	25♌21	10♌59	6♌49	25♌22	23♌51	14♌43	8♌26	M31

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	6s22	17n23	4s53	17s43	2s49	1n 9	4s47	25s26	2s23	14s40	0n51	22s55	0n 0	23s35	0s12	20n44	1s32	11n18	10s25	1n22	1n49	11n46	17n15	4s47	
S 2	6 45	15 41	4 19	18 6	2 53	1 20	4 34	25 21	2 22	14 44	0 51	22 54	0 0	23 35	0 12	20 44	1 32	11 18	10 25	1 22	1 50	11 47	17 14	4 47	
M 3	7 7	13 8	3 32	18 27	2 56	1 30	4 20	25 16	2 21	14 48	0 51	22 54	0s 0	23 36	0 12	20 43	1 32	11 18	10 26	1 22	1 52	11 49	17 14	4 47	
T 4	7 30	9 47	2 30	18 46	2 59	1 39	4 7	25 11	2 20	14 52	0 51	22 54	0 0	23 36	0 12	20 43	1 32	11 18	10 26	1 21	1 53	11 50	17 13	4 48	
W 5	7 53	5 46	1 18	19 4	3 2	1 46	3 54	25 5	2 19	14 56	0 51	22 54	0 0	23 36	0 12	20 43	1 32	11 17	10 26	1 20	1 54	11 52	17 12	4 48	
T 6	8 15	1 18	0n 1	19 20	3 3	1 53	3 41	24 59	2 17	15 0	0 50	22 54	0 0	23 36	0 12	20 43	1 32	11 17	10 26	1 20	1 55	11 53	17 12	4 49	
F 7	8 38	3s22	1 22	19 33	3 4	1 59	3 28	24 54	2 16	15 4	0 50	22 54	0 0	23 36	0 12	20 43	1 32	11 17	10 26	1 20	1 57	11 55	17 11	4 49	
S 8	9 0	7 54	2 38	19 44	3 4	2 4	3 16	24 47	2 15	15 8	0 50	22 53	0 0	23 36	0 12	20 43	1 32	11 17	10 26	1 21	1 58	11 56	17 10	4 49	
S 9	9 22	11 56	3 44	19 53	3 4	2 8	3 3	24 41	2 14	15 12	0 50	22 53	0 1	23 36	0 12	20 42	1 32	11 16	10 26	1 23	1 59	11 58	17 10	4 50	
M10	9 44	15 8	4 33	20 0	3 2	2 11	2 51	24 34	2 13	15 16	0 50	22 53	0 1	23 36	0 12	20 42	1 32	11 16	10 26	1 24	2 1	11 59	17 9	4 50	
T 11	10 6	17 17	5 3	20 3	2 59	2 13	2 39	24 28	2 11	15 20	0 50	22 53	0 1	23 36	0 12	20 42	1 32	11 16	10 27	1 26	2 2	12 0	17 8	4 51	
W12	10 28	18 15	5 13	20 3	2 55	2 14	2 28	24 21	2 10	15 24	0 50	22 53	0 1	23 36	0 12	20 42	1 32	11 16	10 27	1 27	2 3	12 2	17 7	4 51	
T 13	10 50	18 3	5 3	20 0	2 50	2 14	2 16	24 13	2 9	15 28	0 50	22 52	0 1	23 36	0 12	20 42	1 32	11 15	10 27	1 28	2 4	12 3	17 7	4 51	
F 14	11 11	16 47	4 36	19 53	2 43	2 14	2 5	24 6	2 8	15 32	0 50	22 52	0 1	23 37	0 12	20 42	1 32	11 15	10 27	1 29	2 6	12 5	17 6	4 52	
S 15	11 32	14 38	3 55	19 43	2 35	2 12	1 54	23 58	2 6	15 36	0 50	22 52	0 1	23 37	0 12	20 41	1 32	11 15	10 27	1 29	2 7	12 6	17 5	4 52	
S 16	11 53	11 48	3 4	19 28	2 26	2 10	1 43	23 50	2 5	15 40	0 49	22 51	0 1	23 37	0 12	20 41	1 32	11 15	10 27	1 28	2 8	12 8	17 5	4 52	
M17	12 14	8 29	2 4	19 9	2 14	2 7	1 32	23 42	2 4	15 44	0 49	22 51	0 1	23 37	0 12	20 41	1 32	11 14	10 27	1 28	2 9	12 9	17 4	4 53	
T 18	12 35	4 52	1 0	18 45	2 1	2 3	1 22	23 34	2 3	15 48	0 49	22 51	0 1	23 37	0 12	20 41	1 32	11 14	10 27	1 27	2 11	12 11	17 3	4 53	
W19	12 56	1 5	0s 6	18 17	1 47	1 58	1 11	23 25	2 1	15 51	0 49	22 51	0 1	23 37	0 12	20 41	1 32	11 14	10 27	1 27	2 12	12 12	17 2	4 53	
T 20	13 16	2n41	1 11	17 44	1 30	1 53	1 2	23 17	2 0	15 55	0 49	22 50	0 1	23 37	0 12	20 40	1 32	11 14	10 27	1 27	2 13	12 13	17 2	4 54	
F 21	13 36	6 20	2 12	17 8	1 12	1 46	0 52	23 8	1 59	15 59	0 49	22 50	0 1	23 37	0 12	20 40	1 32	11 14	10 27	1 28	2 14	12 15	17 1	4 54	
S 22	13 56	9 43	3 7	16 27	0 53	1 39	0 42	22 58	1 58	16 3	0 49	22 50	0 1	23 37	0 12	20 40	1 32	11 13	10 28	1 30	2 16	12 16	17 0	4 54	
S 23	14 16	12 42	3 53	15 44	0 33	1 32	0 33	22 49	1 57	16 7	0 49	22 49	0 2	23 37	0 12	20 40	1 32	11 13	10 28	1 33	2 17	12 18	16 59	4 55	
M24	14 35	15 10	4 30	15 0	0 12	1 23	0 24	22 39	1 55	16 11	0 49	22 49	0 2	23 38	0 12	20 40	1 32	11 13	10 28	1 36	2 18	12 19	16 59	4 55	
T 25	14 54	16 59	4 55	14 15	0n 8	1 14	0 15	22 29	1 54	16 15	0 49	22 49	0 2	23 38	0 12	20 39	1 32	11 13	10 28	1 40	2 19	12 20	16 58	4 55	
W26	15 13	18 6	5 7	13 31	0 29	1 4	0 7	22 19	1 53	16 18	0 49	22 48	0 2	23 38	0 12	20 39	1 32	11 12	10 28	1 43	2 21	12 22	16 57	4 56	
T 27	15 32	18 24	5 5	12 48	0 48	0 54	0n 1	22 9	1 52	16 22	0 49	22 48	0 2	23 38	0 12	20 39	1 32	11 12	10 28	1 46	2 22	12 23	16 56	4 56	
F 28	15 50	17 51	4 50	12 10	1 6	0 43	0 9	21 59	1 50	16 26	0 48	22 47	0 2	23 38	0 12	20 39	1 32	11 12	10 28	1 49	2 23	12 25	16 56	4 56	
S 29	16 8	16 27	4 21	11 35	1 23	0 31	0 17	21 48	1 49	16 30	0 48	22 47	0 2	23 38	0 12	20 38	1 32	11 12	10 28	1 50	2 25	12 26	16 55	4 57	
S 30	16 26	14 13	3 39	11 6	1 38	0 19	0 25	21 37	1 48	16 34	0 48	22 46	0 2	23 38	0 12	20 38	1 33	11 12	10 28	1 51	2 26	12 28	16 54	4 57	
M31	16s44	11n13	2s44	10s42	1n50	0n 6	0n32	21s26	1s47	16s37	0n48	22s46	0s 2	23s38	0s12	20n38	1s33	11n11	10s28	1n51	2n27	12n29	16n53	4s57	

ASTRODIENST EPHEMERIS for the year 1401

geocentric

NOVEMBER 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 14 15	17 ¹¹ 11'19	6 ¹¹ 43	2°R17	1 ¹¹ 48	3 ¹¹ 2	18 ¹¹ 45	14 ¹¹ 30	25 ¹¹ 24	10°R58	6°R48	25 ¹¹ 23	23 ¹¹ 48	14 ¹¹ 49	8°R22	T 1
W 2	3 18 11	18°11'55	20°36	2°D 6	2°38	3°46	18°58	14°35	25°27	10 ¹¹ 56	6 ¹¹ 46	25°R24	23°44	14°56	8 ¹¹ 19	W 2
T 3	3 22 8	19°12'33	4 ¹¹ 56	2 ¹¹ 6	3°30	4°30	19°12	14°39	25°30	10°55	6°45	25°24	23°41	15° 3	8°15	T 3
F 4	3 26 4	20°13'13	19°41	2°17	4°22	5°13	19°25	14°44	25°33	10°53	6°44	25°22	23°38	15°10	8°12	F 4
S 5	3 30 1	21°13'55	4 ¹¹ 46	2°38	5°14	5°57	19°39	14°50	25°36	10°51	6°43	25°17	23°35	15°16	8° 9	S 5
S 6	3 33 58	22°14'38	20° 3	3° 8	6° 8	6°41	19°52	14°55	25°39	10°50	6°42	25°10	23°32	15°23	8° 5	S 6
M 7	3 37 54	23°15'23	5 ¹¹ 21	3°47	7° 2	7°24	20° 5	15° 0	25°42	10°48	6°41	25° 1	23°29	15°30	8° 2	M 7
T 8	3 41 51	24°16'09	20°29	4°32	7°57	8° 8	20°19	15° 5	25°46	10°47	6°40	24°51	23°25	15°36	7°58	T 8
W 9	3 45 47	25°16'56	5 ¹¹ 31	5°24	8°53	8°52	20°32	15°11	25°49	10°45	6°39	24°42	23°22	15°43	7°55	W 9
T 10	3 49 44	26°17'44	19°38	6°21	9°49	9°36	20°45	15°16	25°52	10°43	6°38	24°35	23°19	15°50	7°51	T 10
F 11	3 53 40	27°18'33	3 ¹¹ 28	7°23	10°45	10°20	20°59	15°21	25°55	10°42	6°36	24°30	23°16	15°56	7°47	F 11
S 12	3 57 37	28°19'23	16°50	8°30	11°43	11° 4	21°12	15°27	25°59	10°40	6°35	24°28	23°13	16° 3	7°44	S 12
S 13	4 1 33	29°20'14	29°44	9°40	12°40	11°48	21°25	15°33	26° 2	10°38	6°34	24°D27	23°10	16°10	7°40	S 13
M14	4 5 30	0 ¹¹ 21'06	12 ¹¹ 15	10°53	13°39	12°32	21°39	15°38	26° 5	10°37	6°33	24°27	23° 6	16°17	7°36	M14
T 15	4 9 27	1°21'59	24°29	12° 9	14°38	13°16	21°52	15°44	26° 9	10°35	6°32	24°R28	23° 3	16°23	7°33	T 15
W16	4 13 23	2°22'53	6 ¹¹ 30	13°28	15°37	14° 0	22° 5	15°50	26°12	10°33	6°31	24°27	23° 0	16°30	7°29	W16
T 17	4 17 20	3°23'47	18°24	14°48	16°37	14°44	22°18	15°55	26°15	10°32	6°30	24°24	22°57	16°37	7°25	T 17
F 18	4 21 16	4°24'43	0 ¹¹ 14	16°10	17°37	15°28	22°32	16° 1	26°19	10°30	6°28	24°19	22°54	16°43	7°22	F 18
S 19	4 25 13	5°25'39	12° 3	17°34	18°38	16°13	22°45	16° 7	26°22	10°28	6°27	24°10	22°50	16°50	7°18	S 19
S 20	4 29 9	6°26'36	23°54	18°59	19°39	16°57	22°58	16°13	26°26	10°27	6°26	23°59	22°47	16°57	7°14	S 20
M21	4 33 6	7°27'34	5 ¹¹ 49	20°24	20°40	17°41	23°11	16°19	26°29	10°25	6°25	23°46	22°44	17° 3	7°11	M21
T 22	4 37 2	8°28'33	17°50	21°51	21°42	18°25	23°25	16°25	26°33	10°23	6°24	23°32	22°41	17°10	7° 7	T 22
W23	4 40 59	9°29'33	29°56	23°19	22°44	19° 9	23°38	16°31	26°36	10°22	6°23	23°18	22°38	17°17	7° 3	W23
T 24	4 44 56	10°30'34	12 ¹¹ 51	24°47	23°47	19°54	23°51	16°37	26°39	10°20	6°21	23° 5	22°35	17°23	7° 0	T 24
F 25	4 48 52	11°31'36	24°33	26°16	24°50	20°38	24° 4	16°44	26°43	10°18	6°20	22°54	22°31	17°30	6°56	F 25
S 26	4 52 49	12°32'39	7 ¹¹ 6	27°45	25°54	21°22	24°17	16°50	26°47	10°16	6°19	22°47	22°28	17°37	6°52	S 26
S 27	4 56 45	13°33'43	19°51	29°15	26°57	22° 7	24°30	16°56	26°50	10°15	6°18	22°43	22°25	17°44	6°49	S 27
M28	5 0 42	14°34'48	2 ¹¹ 52	0 ¹¹ 45	28° 2	22°51	24°43	17° 3	26°54	10°13	6°17	22°41	22°22	17°50	6°45	M28
T 29	5 4 38	15°35'54	16°11	2°16	29° 6	23°35	24°56	17° 9	26°57	10°11	6°16	22°40	22°19	17°57	6°41	T 29
W30	5 8 35	16 ¹¹ 37'00	29 ¹¹ 52	3 ¹¹ 47	0 ¹¹ 11	24 ¹¹ 20	25 ¹¹ 9	17 ¹¹ 315	27 ¹¹ 1	10 ¹¹ 10	6 ¹¹ 15	22 ¹¹ 40	22 ¹¹ 16	18 ¹¹ 4	6 ¹¹ 38	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	17s 1	7n33	1s39	10s24	2n 1	0s 7	0n39	21s15	1s45	16s41	0n48	22s46	0s 2	23s38	0s12	20n38	1s33	11n11	10s28	1n50	2n28	12n30	16n52	4s57					
W 2	17 18	3 20	0 26	10 12	2 10	0 21	0 46	21 3	1 44	16 45	0 48	22 45	0 2	23 39	0 12	20 38	1 33	11 11	10 28	1 50	2 30	12 32	16 52	4 58					
T 3	17 35	1s11	0n51	10 6	2 17	0 35	0 53	20 52	1 43	16 48	0 48	22 45	0 2	23 39	0 12	20 37	1 33	11 11	10 28	1 50	2 31	12 33	16 51	4 58					
F 4	17 51	5 46	2 6	10 5	2 22	0 50	0 59	20 40	1 42	16 52	0 48	22 44	0 2	23 39	0 12	20 37	1 33	11 11	10 28	1 51	2 32	12 35	16 50	4 58					
S 5	18 7	10 6	3 15	10 9	2 26	1 5	1 5	20 28	1 40	16 56	0 48	22 44	0 3	23 39	0 12	20 37	1 33	11 10	10 28	1 53	2 33	12 36	16 49	4 58					
S 6	18 23	13 48	4 10	10 17	2 28	1 21	1 11	20 16	1 39	17 0	0 48	22 43	0 3	23 39	0 12	20 37	1 33	11 10	10 28	1 56	2 35	12 37	16 49	4 59					
M 7	18 39	16 33	4 47	10 29	2 28	1 37	1 17	20 3	1 38	17 3	0 48	22 43	0 3	23 39	0 12	20 36	1 33	11 10	10 28	1 59	2 36	12 39	16 48	4 59					
T 8	18 54	18 7	5 4	10 45	2 28	1 54	1 23	19 51	1 37	17 7	0 48	22 42	0 3	23 39	0 12	20 36	1 33	11 10	10 28	2 3	2 37	12 40	16 47	4 59					
W 9	19 9	18 25	4 59	11 4	2 26	2 11	1 28	19 38	1 35	17 10	0 48	22 42	0 3	23 39	0 12	20 36	1 33	11 10	10 28	2 7	2 38	12 41	16 46	4 59					
T 10	19 23	17 31	4 36	11 25	2 24	2 28	1 33	19 25	1 34	17 14	0 48	22 41	0 3	23 39	0 12	20 36	1 33	11 9	10 28	2 9	2 40	12 43	16 46	4 59					
F 11	19 37	15 35	3 57	11 48	2 21	2 46	1 38	19 12	1 33	17 18	0 48	22 41	0 3	23 39	0 12	20 35	1 33	11 9	10 28	2 11	2 41	12 44	16 45	5 0					
S 12	19 51	12 52	3 7	12 13	2 17	3 4	1 43	18 59	1 32	17 21	0 48	22 40	0 3	23 40	0 12	20 35	1 33	11 9	10 28	2 12	2 42	12 46	16 44	5 0					
S 13	20 4	9 36	2 8	12 40	2 12	3 22	1 48	18 45	1 31	17 25	0 47	22 39	0 3	23 40	0 12	20 35	1 33	11 9	10 28	2 13	2 43	12 47	16 43	5 0					
M14	20 17	5 59	1 5	13 8	2 7	3 41	1 52	18 32	1 29	17 28	0 47	22 39	0 3	23 40	0 12	20 35	1 33	11 9	10 28	2 13	2 45	12 48	16 43	5 0					
T 15	20 30	2 12	0s 0	13 36	2 1	4 0	1 56	18 18	1 28	17 32	0 47	22 38	0 3	23 40	0 12	20 35	1 33	11 8	10 28	2 12	2 46	12 50	16 42	5 0					
W16	20 42	1n37	1 4	14 6	1 55	4 19	2 1	18 4	1 27	17 35	0 47	22 38	0 3	23 40	0 12	20 34	1 33	11 8	10 28	2 13	2 47	12 51	16 41	5 0					
T 17	20 54	5 20	2 4	14 35	1 49	4 38	2 4	17 50	1 26	17 39	0 47	22 37	0 3	23 40	0 12	20 34	1 33	11 8	10 28	2 14	2 48	12 53	16 40	5 1					
F 18	21 5	8 49	2 58	15 5	1 43	4 58	2 8	17 35	1 24	17 42	0 47	22 36	0 3	23 40	0 12	20 34	1 33	11 8	10 28	2 16	2 50	12 54	16 40	5 1					
S 19	21 17	11 56	3 44	15 35	1 36	5 18	2 11	17 21	1 23	17 45	0 47	22 36	0 4	23 40	0 12	20 34	1 33	11 8	10 28	2 19	2 51	12 55	16 39	5 1					
S 20	21 27	14 36	4 21	16 5	1 29	5 38	2 15	17 7	1 22	17 49	0 47	22 35	0 4	23 40	0 12	20 33	1 33	11 8	10 28	2 24	2 52	12 57	16 38	5 1					
M21	21 37	16 39	4 46	16 35	1 22	5 58	2 18	16 52	1 21	17 52	0 47	22 34	0 4	23 40	0 12	20 33	1 33	11 8	10 28	2 29	2 54	12 58	16 38	5 1					
T 22	21 47	18 0	4 59	17 5	1 15	6 18	2 21	16 37	1 20	17 55	0 47	22 34	0 4	23 41	0 12	20 33	1 33	11 7	10 28	2 35	2 55	12 59	16 37	5 1					
W23	21 57	18 32	4 58	17 34	1 8	6 39	2 24	16 22	1 18	17 59	0 47	22 33	0 4	23 41	0 12	20 33	1 33	11 7	10 28	2 40	2 56	13 1	16 36	5 1					
T 24	22 6	18 14	4 44	18 3	1 0	7 0	2 26	16 7	1 17	18 2	0 47	22 32	0 4	23 41	0 12	20 32	1 33	11 7	10 28	2 45	2 57	13 2	16 35	5 1					
F 25	22 14	17 4	4 17	18 31	0 53	7 21	2 29	15 52	1 16	18 5	0 47	22 32	0 4	23 41	0 12	20 32	1 33	11 7	10 28	2 49	2 59	13 3	16 35	5 2					
S 26	22 22	15 4	3 36	18 59	0 46	7 42	2 31	15 36	1 15	18 9	0 47	22 31	0 4	23 41	0 12	20 32	1 33	11 7	10 28	2 52	3 0	13 5	16 34	5 2					
S 27	22 30	12 19	2 44	19 26	0 38	8 3	2 33	15 21	1 14	18 12	0 47	22 30	0 4	23 41	0 12	20 32	1 33	11 7	10 28	2 54	3 1	13 6	16 33	5 2					
M28	22 37	8 53	1 43	19 52	0 31	8 24	2 35	15 5	1 12	18 15	0 47	22 30	0 4	23 41	0 12	20 31	1 33	11 7	10 28	2 55	3 2	13 8	16 33	5 2					
T 29	22 44	4 56	0 34	20 18	0 24	8 45	2 37	14 49	1 11	18 18	0 47	22 29	0 4	23 41	0 12	20 31	1 33	11 7	10 28	2 55	3 4	13 9	16 32	5 2					
W30	22s50	0n38	0n38	20s42	0n16	9s 6	2n38	14s33	1s10	18s21	0n47	22s28	0s 4	23s41	0s13	20n31	1s33	11n 6	10s27	2n55	3n 5	13n10	16n31	5s 2					

ASTRODIENST EPHEMERIS for the year 1401

geocentric

DECEMBER 1401 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	5 12 31	17°38'08	13°56	5°18	11°16	25°4	25°22	17°22	27°4	10°R 8	6°R13	22°R39	22°12	18°10	6°R34	T 1
F 2	5 16 28	18°39'16	28°24	6°49	2°21	25°48	25°35	17°28	27°8	10°II 6	6°II12	22°36	22°9	18°17	6°II30	F 2
S 3	5 20 25	19°40'26	13°11	8°21	3°27	26°33	25°47	17°35	27°11	10°5	6°11	22°30	22°6	18°24	6°27	S 3
S 4	5 24 21	20°41'36	28°14	9°53	4°32	27°17	26°0	17°41	27°15	10°3	6°10	22°21	22°3	18°30	6°23	S 4
M 5	5 28 18	21°42'46	13°23	11°25	5°38	28°1	26°13	17°48	27°19	10°1	6°9	22°9	22°0	18°37	6°20	M 5
T 6	5 32 14	22°43'57	28°27	12°57	6°45	28°46	26°26	17°55	27°22	10°0	6°8	21°57	21°56	18°44	6°16	T 6
W 7	5 36 11	23°45'09	13°16	14°30	7°51	29°30	26°38	18°1	27°26	9°58	6°7	21°45	21°53	18°51	6°13	W 7
T 8	5 40 7	24°46'21	27°42	16°3	8°58	0°15	26°51	18°8	27°29	9°56	6°6	21°35	21°50	18°57	6°9	T 8
F 9	5 44 4	25°47'32	11°40	17°36	10°5	0°59	27°4	18°15	27°33	9°55	6°5	21°28	21°47	19°4	6°6	F 9
S 10	5 48 0	26°48'44	25°9	19°9	11°12	1°43	27°16	18°22	27°37	9°53	6°4	21°24	21°44	19°11	6°2	S 10
S 11	5 51 57	27°49'56	8°9	20°43	12°20	2°28	27°29	18°28	27°40	9°51	6°2	21°21	21°41	19°17	5°59	S 11
M12	5 55 54	28°51'07	20°45	22°17	13°28	3°12	27°41	18°35	27°44	9°50	6°1	21°D21	21°37	19°24	5°56	M12
T 13	5 59 50	29°52'19	3°1	23°51	14°35	3°56	27°53	18°42	27°47	9°48	6°0	21°R21	21°34	19°31	5°52	T 13
W14	6 3 47	0°53'30	15°3	25°25	15°43	4°41	28°6	18°49	27°51	9°47	5°59	21°20	21°31	19°37	5°49	W14
T 15	6 7 43	1°54'41	26°56	27°0	16°52	5°25	28°18	18°56	27°55	9°45	5°58	21°18	21°28	19°44	5°46	T 15
F 16	6 11 40	2°55'52	8°45	28°35	18°0	6°10	28°30	19°3	27°58	9°44	5°57	21°13	21°25	19°51	5°43	F 16
S 17	6 15 36	3°57'02	20°35	0°11	19°8	6°54	28°42	19°10	28°2	9°42	5°56	21°4	21°21	19°58	5°40	S 17
S 18	6 19 33	4°58'13	2°29	1°47	20°17	7°38	28°54	19°17	28°5	9°41	5°55	20°54	21°18	20°4	5°36	S 18
M19	6 23 29	5°59'23	14°29	3°23	21°26	8°23	29°6	19°24	28°9	9°39	5°54	20°41	21°15	20°11	5°33	M19
T 20	6 27 26	7°0'33	26°38	4°59	22°35	9°7	29°18	19°30	28°13	9°38	5°53	20°27	21°12	20°18	5°30	T 20
W21	6 31 23	8°1'43	8°57	6°36	23°44	9°51	29°30	19°38	28°16	9°36	5°52	20°13	21°9	20°24	5°27	W21
T 22	6 35 19	9°2'53	21°26	8°13	24°54	10°35	29°42	19°45	28°20	9°35	5°51	20°1	21°6	20°31	5°25	T 22
F 23	6 39 16	10°4'02	4°5	9°51	26°3	11°20	29°54	19°52	28°23	9°33	5°50	19°51	21°2	20°38	5°22	F 23
S 24	6 43 12	11°5'11	16°54	11°29	27°13	12°4	0°1	19°59	28°27	9°32	5°50	19°43	20°59	20°45	5°19	S 24
S 25	6 47 9	12°6'20	29°54	13°8	28°22	12°48	0°17	20°6	28°30	9°30	5°49	19°39	20°56	20°51	5°16	S 25
M26	6 51 5	13°7'29	13°6	14°47	29°32	13°32	0°29	20°13	28°34	9°29	5°48	19°37	20°53	20°58	5°14	M26
T 27	6 55 2	14°8'38	26°30	16°27	0°42	14°17	0°40	20°20	28°37	9°28	5°47	19°D37	20°50	21°5	5°11	T 27
W28	6 58 58	15°9'46	10°1	18°7	1°53	15°1	0°51	20°27	28°41	9°26	5°46	19°R38	20°47	21°11	5°8	W28
T 29	7 2 55	16°10'55	24°5	19°47	3°3	15°45	1°3	20°34	28°44	9°25	5°45	19°38	20°43	21°18	5°6	T 29
F 30	7 6 52	17°12'03	8°16	21°28	4°13	16°29	1°14	20°41	28°48	9°24	5°44	19°36	20°40	21°25	5°3	F 30
S 31	7 10 48	18°13'11	22°43	23°10	5°24	17°13	1°25	20°348	28°51	9°23	5°43	19°31	20°37	21°31	5°1	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22s56	3s50	1n50	21s 6	0n 9	9s27	2n40	14s17	1s 9	18s24	0n47	22s27	0s 4	23s41	0s13	20n31
F 2	23 2	8 11	2 57	21 29	0 2	9 48	2 41	14 1	1 8	18 27	0 47	22 27	0 4	23 41	0 13	20 31
S 3	23 7	12 8	3 53	21 51	0s 5	10 10	2 42	13 45	1 7	18 30	0 47	22 26	0 4	23 42	0 13	20 30
S 4	23 11	15 22	4 34	22 12	0 12	10 31	2 43	13 29	1 5	18 34	0 47	22 25	0 5	23 42	0 13	20 30
M 5	23 15	17 34	4 57	22 32	0 19	10 52	2 44	13 12	1 4	18 37	0 47	22 24	0 5	23 42	0 13	20 30
T 6	23 19	18 32	4 58	22 51	0 25	11 13	2 45	12 56	1 3	18 40	0 47	22 23	0 5	23 42	0 13	20 30
W 7	23 22	18 13	4 40	23 8	0 32	11 34	2 45	12 39	1 2	18 42	0 47	22 23	0 5	23 42	0 13	20 29
T 8	23 25	16 43	4 3	23 25	0 38	11 55	2 46	12 22	1 1	18 45	0 47	22 22	0 5	23 42	0 13	20 29
F 9	23 27	14 15	3 13	23 41	0 45	12 16	2 46	12 5	1 0	18 48	0 47	22 21	0 5	23 42	0 13	20 29
S 10	23 29	11 5	2 14	23 55	0 51	12 36	2 46	11 48	0 59	18 51	0 47	22 20	0 5	23 42	0 13	20 29
S 11	23 30	7 28	1 9	24 8	0 57	12 57	2 46	11 31	0 57	18 54	0 47	22 19	0 5	23 42	0 13	20 29
M12	23 31	3 38	0 3	24 20	1 3	13 17	2 46	11 14	0 56	18 57	0 47	22 18	0 5	23 42	0 13	20 28
T 13	23 31	0n16	1s 1	24 30	1 8	13 37	2 46	10 57	0 55	19 0	0 47	22 17	0 5	23 42	0 13	20 28
W14	23 31	4 4	2 2	24 40	1 14	13 57	2 46	10 40	0 54	19 2	0 47	22 17	0 5	23 42	0 13	20 28
T 15	23 30	7 40	2 56	24 48	1 19	14 17	2 45	10 22	0 53	19 5	0 47	22 16	0 5	23 42	0 13	20 28
F 16	23 29	10 56	3 43	24 54	1 24	14 37	2 44	10 5	0 52	19 8	0 47	22 15	0 5	23 43	0 13	20 27
S 17	23 27	13 46	4 20	24 59	1 29	14 56	2 44	9 47	0 51	19 10	0 47	22 14	0 5	23 43	0 13	20 27
S 18	23 25	16 3	4 46	25 3	1 33	15 15	2 43	9 30	0 50	19 13	0 47	22 13	0 6	23 43	0 13	20 27
M19	23 23	17 40	4 59	25 6	1 37	15 34	2 42	9 12	0 48	19 16	0 47	22 12	0 6	23 43	0 13	20 27
T 20	23 20	18 29	4 59	25 7	1 41	15 53	2 41	8 54	0 47	19 18	0 47	22 11	0 6	23 43	0 13	20 27
W21	23 16	18 28	4 45	25 6	1 45	16 11	2 40	8 37	0 46	19 21	0 47	22 10	0 6	23 43	0 13	20 27
T 22	23 12	17 34	4 17	25 4	1 49	16 29	2 38	8 19	0 45	19 23	0 47	22 9	0 6	23 43	0 13	20 26
F 23	23 8	15 47	3 37	25 0	1 52	16 47	2 37	8 1	0 44	19 26	0 47	22 8	0 6	23 43	0 13	20 26
S 24	23 3	13 12	2 44	24 55	1 55	17 4	2 36	7 43	0 43	19 28	0 47	22 7	0 6	23 43	0 13	20 26
S 25	22 58	9 56	1 43	24 49	1 57	17 21	2 34	7 25	0 42	19 31	0 47	22 6	0 6	23 43	0 13	20 26
M26	22 52	6 8	0 35	24 40	2 0	17 38	2 32	7 7	0 41	19 33	0 47	22 5	0 6	23 43	0 13	20 26
T 27	22 46	1 57	0n37	24 31	2 2	17 54	2 31	6 49	0 40	19 36	0 47	22 4	0 6	23 43	0 13	20 26
W28	22 39	2s24	1 47	24 19	2 3	18 10	2 29	6 31	0 39	19 38	0 47	22 3	0 6	23 43	0 13	20 25
T 29	22 32	6 41	2 53	24 6	2 4	18 26	2 27	6 13	0 38	19 40	0 47	22 2	0 6	23 43	0 13	20 25
F 30	22 24	10 41	3 49	23 51	2 5	18 41	2 25	5 55	0 37	19 43	0 47	22 1	0 6	23 43	0 13	20 25
S 31	22s16	14s 7	4n32	23s35	2s 5	18s56	2n23	5s37	0s36	19s45	0n47	22s 0	0s 6	23s43	0s13	20n25

Julian Day Number = 2233107.5, Delta T = 07m50s

Ecliptic obliquity = 23°30'51", Nutation = - 0°00'03", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°23'50", Lahiri = 15°30'50" Julian Calendar 1 Dec. 1401 == Greg. Calendar 10 Dec. 1401