



# Astrodienst Ephemeris Tables for the year 1400

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 1400

## geocentric

JANUARY 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	7 12 43	18°34'02	4°36	0°26	29°28	29°42	8°9	0°52	20°48	4°48	3°45	29°24	29°17	0°24	21°38	T 1
F 2	7 16 40	19°44'08	16°25	1°53	29°59	0°29	8°12	0°59	20°51	4°47	3°44	29°16	29°13	0°31	21°36	F 2
S 3	7 20 37	20°45'14	28°15	3°21	0°29	1°15	8°14	1°6	20°55	4°46	3°43	29°12	29°10	0°37	21°35	S 3
S 4	7 24 33	21°46'19	10°10	4°49	0°57	2°2	8°16	1°13	20°58	4°45	3°42	29°10	29°7	0°44	21°34	S 4
M 5	7 28 30	22°47'23	22°16	6°18	1°24	2°48	8°18	1°19	21°1	4°44	3°42	29°10	29°4	0°51	21°33	M 5
T 6	7 32 26	23°48'26	4°39	7°48	1°49	3°35	8°20	1°26	21°4	4°43	3°41	29°10	29°1	0°58	21°32	T 6
W 7	7 36 23	24°49'28	17°23	9°18	2°12	4°21	8°22	1°33	21°7	4°42	3°40	29°9	28°58	1°4	21°31	W 7
T 8	7 40 19	25°50'29	0°13	10°49	2°33	5°8	8°23	1°39	21°11	4°41	3°40	29°6	28°54	1°11	21°30	T 8
F 9	7 44 16	26°51'29	14°13	12°21	2°52	5°54	8°24	1°46	21°14	4°40	3°39	29°1	28°51	1°18	21°29	F 9
S 10	7 48 12	27°52'28	28°22	13°53	3°9	6°40	8°25	1°53	21°17	4°39	3°38	28°52	28°48	1°24	21°28	S 10
S 11	7 52 9	28°53'26	12°59	15°26	3°24	7°27	8°26	1°59	21°20	4°38	3°38	28°42	28°45	1°31	21°27	S 11
M 12	7 56 6	29°54'22	27°56	17°0	3°36	8°13	8°27	2°6	21°23	4°37	3°37	28°30	28°42	1°38	21°27	M 12
T 13	8 0 2	0°55'18	13°5	18°34	3°47	8°59	8°28	2°12	21°26	4°36	3°37	28°18	28°38	1°44	21°26	T 13
W 14	8 3 59	1°56'12	28°15	20°9	3°55	9°46	8°28	2°19	21°29	4°36	3°36	28°8	28°35	1°51	21°25	W 14
T 15	8 7 55	2°57'06	13°15	21°45	4°1	10°32	8°28	2°25	21°32	4°35	3°35	28°0	28°32	1°58	21°25	T 15
F 16	8 11 52	3°57'59	27°58	23°21	4°4	11°18	8°28	2°32	21°35	4°34	3°35	27°55	28°29	2°5	21°25	F 16
S 17	8 15 48	4°58'51	12°18	24°58	4°R 5	12°4	8°28	2°38	21°38	4°34	3°34	27°52	28°26	2°11	21°24	S 17
S 18	8 19 45	5°59'42	26°15	26°36	4°4	12°50	8°27	2°44	21°41	4°33	3°34	27°D52	28°23	2°18	21°24	S 18
M 19	8 23 41	7°0'32	9°14	28°14	4°0	13°36	8°26	2°50	21°44	4°32	3°34	27°R52	28°19	2°25	21°24	M 19
T 20	8 27 38	8°1'21	23°0	29°54	3°54	14°22	8°26	2°57	21°46	4°32	3°33	27°51	28°16	2°31	21°24	T 20
W 21	8 31 35	9°2'09	5°54	18°34	3°45	15°9	8°24	3°3	21°49	4°31	3°33	27°48	28°13	2°38	21°D24	W 21
T 22	8 35 31	10°2'57	18°33	3°14	3°33	15°55	8°23	3°9	21°52	4°31	3°32	27°43	28°10	2°45	21°24	T 22
F 23	8 39 28	11°3'43	1°3	4°56	3°19	16°41	8°22	3°15	21°54	4°30	3°32	27°35	28°7	2°51	21°24	F 23
S 24	8 43 24	12°4'28	13°18	6°39	3°3	17°27	8°20	3°21	21°57	4°30	3°32	27°24	28°4	2°58	21°24	S 24
S 25	8 47 21	13°5'12	25°28	8°22	2°44	18°12	8°18	3°27	22°0	4°29	3°31	27°10	28°0	3°5	21°24	S 25
M 26	8 51 17	14°5'54	7°31	10°6	2°23	18°58	8°16	3°33	22°2	4°29	3°31	26°56	27°57	3°12	21°25	M 26
T 27	8 55 14	15°6'35	19°28	11°51	2°0	19°44	8°14	3°39	22°5	4°29	3°31	26°42	27°54	3°18	21°25	T 27
W 28	8 59 10	16°7'15	1°21	13°37	1°34	20°30	8°12	3°45	22°7	4°28	3°30	26°30	27°51	3°25	21°25	W 28
T 29	9 3 7	17°7'53	13°11	15°23	1°6	21°16	8°9	3°50	22°10	4°28	3°30	26°20	27°48	3°32	21°26	T 29
F 30	9 7 4	18°8'29	24°59	17°11	0°37	22°2	8°7	3°56	22°12	4°28	3°30	26°12	27°44	3°38	21°27	F 30
S 31	9 11 0	19°9'04	6°50	18°59	0°5	22°47	8°4	4°3	22°15	4°28	3°30	26°8	27°41	3°45	21°27	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22s12	6s 2	4n 6	23s49	0s19	10s18	1n30	12s31	0s58	1s58	1n24	22s45	0n45	23s18	0s 6	19n35
F 2	22 4	2 13	3 26	23 56	0 26	9 57	1 41	12 14	0 57	1 59	1 24	22 45	0 45	23 18	0 6	19 35
S 3	21 54	1n41	2 36	24 1	0 33	9 35	1 52	11 57	0 57	1 59	1 24	22 45	0 45	23 19	0 6	19 35
S 4	21 45	5 33	1 39	24 5	0 40	9 15	2 3	11 39	0 56	2 0	1 25	22 45	0 45	23 19	0 6	19 35
M 5	21 35	9 16	0 36	24 8	0 46	8 54	2 15	11 22	0 55	2 0	1 25	22 45	0 45	23 19	0 7	19 34
T 6	21 25	12 39	0s29	24 10	0 53	8 34	2 27	11 4	0 55	2 1	1 25	22 45	0 45	23 19	0 7	19 34
W 7	21 14	15 33	1 35	24 10	0 59	8 15	2 39	10 47	0 54	2 1	1 25	22 45	0 45	23 20	0 7	19 34
T 8	21 3	17 46	2 38	24 9	1 5	7 56	2 52	10 29	0 53	2 2	1 26	22 45	0 45	23 20	0 7	19 34
F 9	20 51	19 2	3 34	24 7	1 11	7 37	3 4	10 11	0 53	2 2	1 26	22 45	0 45	23 20	0 7	19 34
S 10	20 39	19 11	4 19	24 3	1 16	7 19	3 17	9 54	0 52	2 2	1 26	22 45	0 45	23 20	0 7	19 34
S 11	20 27	18 5	4 49	23 58	1 22	7 1	3 30	9 36	0 51	2 2	1 26	22 45	0 45	23 20	0 7	19 34
M 12	20 14	15 44	5 0	23 52	1 27	6 44	3 44	9 18	0 50	2 2	1 27	22 45	0 45	23 21	0 7	19 34
T 13	20 1	12 18	4 50	23 44	1 32	6 28	3 57	9 0	0 50	2 2	1 27	22 45	0 45	23 21	0 7	19 34
W 14	19 47	8 3	4 20	23 35	1 36	6 13	4 11	8 41	0 49	2 2	1 27	22 45	0 45	23 21	0 7	19 33
T 15	19 34	3 20	3 32	23 24	1 40	5 58	4 24	8 23	0 48	2 2	1 28	22 45	0 45	23 21	0 7	19 33
F 16	19 19	1s30	2 31	23 12	1 44	5 44	4 38	8 5	0 47	2 1	1 28	22 45	0 45	23 21	0 7	19 33
S 17	19 5	6 7	1 21	22 58	1 48	5 30	4 52	7 47	0 47	2 1	1 28	22 45	0 45	23 22	0 7	19 33
S 18	18 50	10 18	0 9	22 43	1 51	5 18	5 6	7 28	0 46	2 1	1 28	22 45	0 45	23 22	0 7	19 33
M 19	18 35	13 48	1n 3	22 26	1 54	5 6	5 20	7 10	0 45	2 0	1 29	22 44	0 45	23 22	0 7	19 33
T 20	18 19	16 30	2 9	22 8	1 57	4 56	5 33	6 51	0 45	1 59	1 29	22 44	0 45	23 22	0 7	19 33
W 21	18 3	18 18	3 7	21 48	1 59	4 46	5 47	6 33	0 44	1 59	1 29	22 44	0 45	23 22	0 7	19 33
T 22	17 47	19 8	3 54	21 27	2 1	4 38	6 1	6 14	0 43	1 58	1 29	22 44	0 45	23 23	0 7	19 33
F 23	17 30	19 1	4 29	21 4	2 2	4 30	6 14	5 56	0 42	1 57	1 30	22 44	0 45	23 23	0 7	19 33
S 24	17 14	18 0	4 52	20 40	2 3	4 24	6 27	5 37	0 42	1 56	1 30	22 44	0 45	23 23	0 7	19 33
S 25	16 56	16 11	5 0	20 14	2 4	4 18	6 40	5 18	0 41	1 55	1 30	22 44	0 44	23 23	0 7	19 33
M 26	16 39	13 41	4 56	19 46	2 5	4 14	6 53	5 0	0 40	1 54	1 30	22 44	0 44	23 23	0 7	19 33
T 27	16 21	10 38	4 38	19 17	2 4	4 11	7 5	4 41	0 39	1 53	1 31	22 43	0 44	23 23	0 7	19 33
W 28	16 3	7 10	4 8	18 46	2 4	4 9	7 16	4 22	0 39	1 52	1 31	22 43	0 44	23 24	0 7	19 33
T 29	15 45	3 27	3 27	18 14	2 3	4 8	7 28	4 3	0 38	1 51	1 31	22 43	0 44	23 24	0 7	19 33
F 30	15 26	0n25	2 38	17 40	2 1	4 9	7 38	3 45	0 37	1 50	1 31	22 43	0 44	23 24	0 7	19 33
S 31	15s 8	4n16	1n41	17s 4	1s59	4s10	7n48	3s26	0s37	1s48	1n32	22s43	0n44	23s24	0s 7	19n33

Julian Day Number = 2232407.5, Delta T = 07m53s

Ecliptic obliquity = 23°30'53", Nutation = 0°00'10", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°22'14", Lahiri = 15°29'14" Julian Calendar 1 Jan. 1400 == Greg. Calendar 9 Jan. 1400



# ASTRODIENST EPHEMERIS for the year 1400

## geocentric

MARCH 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	11 9 17	19°12'21"	10°8'2"	6°33'	18°16'	15°21'	5°24'	6°22'	23°5'	4°37'	3°34'	24°18'	26°6'	7°6'	22°20'	M 1
T 2	11 13 13	20°11'58"	22°27'	6°59'	18°23'	16°5'	5°17'	6°25'	23°6'	4°38'	3°35'	24°20'	26°3'	7°13'	22°23'	T 2
W 3	11 17 10	21°11'33"	5°11'8"	7°17'	18°32'	16°50'	5°9'	6°28'	23°7'	4°39'	3°35'	24°21'	26°0'	7°19'	22°26'	W 3
T 4	11 21 6	22°11'06"	18°9'	7°26'	18°44'	17°34'	5°2'	6°32'	23°8'	4°40'	3°36'	24°R22	25°56'	7°26'	22°29'	T 4
F 5	11 25 3	23°10'36"	1°34'	7°R28	18°57'	18°18'	4°55'	6°35'	23°9'	4°41'	3°36'	24°22'	25°53'	7°33'	22°31'	F 5
S 6	11 28 59	24°10'05"	15°25'	7°21'	19°13'	19°2'	4°47'	6°38'	23°9'	4°42'	3°37'	24°20'	25°50'	7°39'	22°34'	S 6
S 7	11 32 56	25°9'30"	29°42'	7°8'	19°30'	19°47'	4°40'	6°41'	23°10'	4°43'	3°38'	24°18'	25°47'	7°46'	22°37'	S 7
M 8	11 36 53	26°8'54"	14°23'	6°47'	19°50'	20°31'	4°32'	6°44'	23°11'	4°44'	3°38'	24°14'	25°44'	7°53'	22°40'	M 8
T 9	11 40 49	27°8'15"	29°22'	6°19'	20°11'	21°15'	4°25'	6°47'	23°11'	4°45'	3°39'	24°10'	25°41'	7°59'	22°44'	T 9
W10	11 44 46	28°7'34"	14°33'	5°46'	20°34'	21°59'	4°17'	6°50'	23°12'	4°46'	3°39'	24°7'	25°37'	8°6'	22°47'	W10
T 11	11 48 42	29°6'50"	29°44'	5°8'	20°59'	22°43'	4°9'	6°52'	23°12'	4°47'	3°40'	24°4'	25°34'	8°13'	22°50'	T 11
F 12	11 52 39	0°6'05"	14°46'	4°25'	21°25'	23°27'	4°2'	6°55'	23°13'	4°48'	3°41'	24°3'	25°31'	8°19'	22°53'	F 12
S 13	11 56 35	1°5'17"	29°31'	3°40'	21°53'	24°11'	3°54'	6°58'	23°13'	4°49'	3°41'	24°D 2	25°28'	8°26'	22°57'	S 13
S 14	12 0 32	2°4'28"	13°53'	2°52'	22°23'	24°55'	3°46'	7°0'	23°13'	4°50'	3°42'	24°3'	25°25'	8°33'	23°0'	S 14
M15	12 4 28	3°3'37"	27°48'	2°2'	22°54'	25°38'	3°38'	7°2'	23°14'	4°52'	3°43'	24°5'	25°21'	8°39'	23°3'	M15
T 16	12 8 25	4°2'44"	11°16'	1°13'	23°27'	26°22'	3°31'	7°5'	23°14'	4°53'	3°44'	24°6'	25°18'	8°46'	23°7'	T 16
W17	12 12 22	5°1'50"	24°18'	0°24'	24°1'	27°6'	3°23'	7°7'	23°14'	4°54'	3°44'	24°7'	25°15'	8°53'	23°10'	W17
T 18	12 16 18	6°0'53"	6°58'	29°36'	24°36'	27°50'	3°15'	7°9'	23°14'	4°56'	3°45'	24°R 7	25°12'	9°0'	23°14'	T 18
F 19	12 20 15	6°59'55"	19°18'	28°51'	25°13'	28°33'	3°8'	7°11'	23°R14	4°57'	3°46'	24°7'	25°9'	9°6'	23°18'	F 19
S 20	12 24 11	7°58'55"	1°27'	28°9'	25°51'	29°17'	3°0'	7°13'	23°14'	4°58'	3°47'	24°6'	25°6'	9°13'	23°21'	S 20
S 21	12 28 8	8°57'53"	13°24'	27°31'	26°30'	0°8'0"	2°52'	7°14'	23°14'	5°0'	3°48'	24°4'	25°2'	9°20'	23°25'	S 21
M22	12 32 4	9°56'49"	25°16'	26°58'	27°10'	0°44'	2°45'	7°16'	23°14'	5°1'	3°49'	24°2'	24°59'	9°26'	23°29'	M22
T 23	12 36 1	10°55'44"	7°5'	26°28'	27°51'	1°27'	2°37'	7°18'	23°14'	5°3'	3°49'	24°0'	24°56'	9°33'	23°32'	T 23
W24	12 39 57	11°54'36"	18°55'	26°4'	28°33'	2°11'	2°29'	7°19'	23°14'	5°4'	3°50'	23°58'	24°53'	9°40'	23°36'	W24
T 25	12 43 54	12°53'27"	0°48'	25°45'	29°16'	2°54'	2°22'	7°21'	23°13'	5°6'	3°51'	23°56'	24°50'	9°46'	23°40'	T 25
F 26	12 47 51	13°52'15"	12°46'	25°32'	0°48'0"	3°37'	2°14'	7°22'	23°13'	5°7'	3°52'	23°56'	24°47'	9°53'	23°44'	F 26
S 27	12 51 47	14°51'02"	24°52'	25°23'	0°46'	4°20'	2°7'	7°23'	23°13'	5°9'	3°53'	23°D55	24°43'	10°0'	23°48'	S 27
S 28	12 55 44	15°49'46"	7°8'6"	25°D20	1°32'	5°4'	2°0'	7°24'	23°12'	5°10'	3°54'	23°56'	24°40'	10°6'	23°52'	S 28
M29	12 59 40	16°48'29"	19°32'	25°22'	2°18'	5°47'	1°52'	7°25'	23°12'	5°12'	3°55'	23°56'	24°37'	10°13'	23°56'	M29
T 30	13 3 37	17°47'09"	2°11'10"	25°30'	3°6'	6°30'	1°45'	7°26'	23°11'	5°13'	3°56'	23°57'	24°34'	10°20'	24°0'	T 30
W31	13 7 33	18°45'48"	15°11'2"	25°42'	3°54'	7°13'	1°48'	7°27'	23°11'	5°15'	3°57'	23°57'	24°31'	10°26'	24°4'	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	4s17	13n32	1s25	5n11	2n48	9s15	6n27	5n50	0s15	0s40	1n37	22s38	0n44	23s27	0s 7	19n36
T 2	3 54	16 3	2 28	5 30	2 58	9 23	6 17	6 8	0 14	0 37	1 37	22 38	0 44	23 27	0 7	19 37
W 3	3 30	17 52	3 25	5 45	3 7	9 31	6 6	6 25	0 13	0 34	1 37	22 37	0 44	23 27	0 7	19 37
T 4	3 7	18 47	4 13	5 56	3 14	9 38	5 55	6 43	0 13	0 31	1 38	22 37	0 44	23 28	0 7	19 37
F 5	2 43	18 41	4 49	6 2	3 20	9 44	5 44	7 1	0 12	0 28	1 38	22 37	0 44	23 28	0 7	19 37
S 6	2 19	17 30	5 10	6 4	3 25	9 50	5 33	7 18	0 11	0 25	1 38	22 37	0 44	23 28	0 7	19 38
S 7	1 56	15 12	5 12	6 1	3 28	9 55	5 22	7 36	0 11	0 22	1 38	22 37	0 44	23 28	0 7	19 38
M 8	1 32	11 52	4 54	5 55	3 30	9 59	5 11	7 53	0 10	0 19	1 38	22 37	0 44	23 28	0 7	19 38
T 9	1 9	7 43	4 17	5 44	3 30	10 3	5 1	8 10	0 9	0 16	1 38	22 37	0 44	23 28	0 7	19 38
W10	0 45	3 1	3 20	5 29	3 38	10 6	4 50	8 27	0 9	0 13	1 38	22 36	0 44	23 28	0 7	19 39
T 11	0 21	1s53	2 10	5 10	3 24	10 8	4 39	8 44	0 8	0 9	1 38	22 36	0 44	23 28	0 7	19 39
F 12	0n 2	6 37	0 51	4 48	3 19	10 10	4 28	9 1	0 7	0 6	1 38	22 36	0 44	23 28	0 7	19 39
S 13	0 26	10 52	0n30	4 23	3 12	10 11	4 18	9 18	0 7	0 3	1 38	22 36	0 44	23 28	0 7	19 39
S 14	0 50	14 21	1 47	3 56	3 3	10 12	4 7	9 35	0 6	0 0	1 38	22 36	0 44	23 28	0 7	19 40
M15	1 13	16 53	2 56	3 27	2 52	10 12	3 57	9 52	0 5	0n 3	1 38	22 36	0 44	23 28	0 8	19 40
T 16	1 37	18 22	3 34	2 56	2 41	10 11	3 46	10 8	0 4	0 6	1 38	22 36	0 44	23 28	0 8	19 40
W17	2 0	18 49	4 34	2 25	2 28	10 9	3 36	10 25	0 4	0 9	1 38	22 36	0 44	23 28	0 8	19 40
T 18	2 24	18 18	5 2	1 53	2 14	10 7	3 26	10 41	0 3	0 12	1 38	22 35	0 44	23 28	0 8	19 41
F 19	2 47	16 55	5 15	1 22	1 59	10 4	3 16	10 57	0 2	0 15	1 38	22 35	0 44	23 28	0 8	19 41
S 20	3 11	14 48	5 13	0 51	1 44	10 1	3 7	11 13	0 2	0 18	1 38	22 35	0 44	23 28	0 8	19 41
S 21	3 34	12 5	4 58	0 21	1 28	9 57	2 57	11 30	0 1	0 21	1 38	22 35	0 44	23 28	0 8	19 42
M22	3 57	8 54	4 31	0s 7	1 12	9 52	2 47	11 45	0 0	0 24	1 38	22 35	0 44	23 28	0 8	19 42
T 23	4 20	5 22	3 51	0 33	0 56	9 47	2 38	12 1	0n 0	0 27	1 38	22 35	0 44	23 28	0 8	19 42
W24	4 43	1 37	3 2	0 58	0 39	9 41	2 29	12 17	0 1	0 30	1 38	22 35	0 44	23 28	0 8	19 42
T 25	5 6	2n13	2 5	1 20	0 23	9 35	2 20	12 32	0 2	0 33	1 38	22 35	0 44	23 28	0 8	19 43
F 26	5 29	6 0	1 2	1 40	0 8	9 28	2 11	12 48	0 2	0 36	1 38	22 35	0 44	23 28	0 8	19 43
S 27	5 52	9 35	0s 5	1 57	0s 8	9 20	2 2	13 3	0 3	0 39	1 38	22 35	0 44	23 28	0 8	19 43
S 28	6 15	12 47	1 13	2 12	0 22	9 12	1 53	13 18	0 4	0 42	1 38	22 35	0 44	23 28	0 8	19 44
M29	6 38	15 28	2 17	2 24	0 37	9 3	1 45	13 33	0 4	0 45	1 38	22 35	0 44	23 28	0 8	19 44
T 30	7 0	17 27	3 17	2 34	0 50	8 54	1 36	13 48	0 5	0 48	1 38	22 35	0 44	23 28	0 8	19 44
W31	7n22	18n34	4s 7	2s41	1s 3	8s44	1n28	14n 3	0n 5	0n50	1n37	22s34	0n44	23s28	0s 8	19n45

Julian Day Number = 2232467.5, Delta T = 07m53s

Ecliptic obliquity = 23°30'54", Nutation = 0°00'08", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°22'22", Lahiri = 15°29'22" Julian Calendar 1 March 1400 == Greg. Calendar 10 March 1400

# ASTRODIENST EPHEMERIS for the year 1400

## geocentric

APRIL 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 11 30	19°44'24"	28°11'11"	25°59'59"	4°43'43"	7°56'56"	1°R31	7°28'28"	23°R10	5°11'17"	3°11'58"	23°58'58"	24°27'27"	10°33'33"	24°8'8"	T 1
F 2	13 15 26	20°42'58"	11°38'38"	26°21'21"	5°33'33"	8°39'39"	1°24'24"	7°28'28"	23°9'9"	5°18'18"	3°59'59"	23°58'58"	24°24'24"	10°40'40"	24°12'12"	F 2
S 3	13 19 23	21°41'29"	25°24'24"	26°47'47"	6°24'24"	9°22'22"	1°17'17"	7°29'29"	23°9'9"	5°20'20"	4°0'0"	23°R58	24°21'21"	10°46'46"	24°17'17"	S 3
S 4	13 23 19	22°39'59"	9°29'29"	27°17'17"	7°15'15"	10°5'5"	1°10'10"	7°29'29"	23°8'8"	5°22'22"	4°1'1"	23°58'58"	24°18'18"	10°53'53"	24°21'21"	S 4
M 5	13 27 16	23°38'26"	23°51'51"	27°52'52"	8°7'7"	10°47'47"	1°3'3"	7°29'29"	23°7'7"	5°24'24"	4°2'2"	23°D58	24°15'15"	11°0'0"	24°25'25"	M 5
T 6	13 31 13	24°36'51"	8°29'29"	28°30'30"	8°59'59"	11°30'30"	0°57'57"	7°30'30"	23°6'6"	5°25'25"	4°3'3"	23°58'58"	24°12'12"	11°7'7"	24°29'29"	T 6
W 7	13 35 9	25°35'13"	23°17'17"	29°13'13"	9°52'52"	12°13'13"	0°50'50"	7°30'30"	23°5'5"	5°27'27"	4°5'5"	23°58'58"	24°8'8"	11°13'13"	24°34'34"	W 7
T 8	13 39 6	26°33'34"	8°9'9"	29°58'58"	10°46'46"	12°55'55"	0°44'44"	7°R30	23°5'5"	5°29'29"	4°6'6"	23°58'58"	24°5'5"	11°20'20"	24°38'38"	T 8
F 9	13 43 2	27°31'53"	22°56'56"	0°48'48"	11°40'40"	13°38'38"	0°38'38"	7°30'30"	23°4'4"	5°31'31"	4°7'7"	23°R58	24°2'2"	11°27'27"	24°42'42"	F 9
S 10	13 46 59	28°30'10"	7°11'11"	1°40'40"	12°35'35"	14°20'20"	0°32'32"	7°29'29"	23°2'2"	5°33'33"	4°8'8"	23°58'58"	23°59'59"	11°33'33"	24°47'47"	S 10
S 11	13 50 55	29°28'25"	21°52'52"	2°36'36"	13°30'30"	15°3'3"	0°26'26"	7°29'29"	23°1'1"	5°35'35"	4°9'9"	23°58'58"	23°56'56"	11°40'40"	24°51'51"	S 11
M12	13 54 52	0°26'39"	5°49'49"	3°35'35"	14°26'26"	15°45'45"	0°20'20"	7°29'29"	23°0'0"	5°37'37"	4°10'10"	23°57'57"	23°52'52"	11°47'47"	24°56'56"	M12
T 13	13 58 48	1°24'51"	19°21'21"	4°36'36"	15°22'22"	16°28'28"	0°14'14"	7°28'28"	22°59'59"	5°38'38"	4°11'11"	23°56'56"	23°49'49"	11°53'53"	25°0'0"	T 13
W14	14 2 45	2°23'01"	2°39'39"	5°41'41"	16°19'19"	17°10'10"	0°8'8"	7°28'28"	22°58'58"	5°40'40"	4°13'13"	23°56'56"	23°46'46"	12°0'0"	25°5'5"	W14
T 15	14 6 42	3°21'10"	15°15'15"	6°48'48"	17°16'16"	17°53'53"	0°3'3"	7°27'27"	22°57'57"	5°42'42"	4°14'14"	23°55'55"	23°43'43"	12°7'7"	25°9'9"	T 15
F 16	14 10 38	4°19'18"	27°40'40"	7°58'58"	18°14'14"	18°35'35"	29°17'17"	7°26'26"	22°55'55"	5°44'44"	4°15'15"	23°54'54"	23°40'40"	12°13'13"	25°14'14"	F 16
S 17	14 14 35	5°17'24"	9°49'49"	9°10'10"	19°12'12"	19°17'17"	29°52'52"	7°26'26"	22°54'54"	5°46'46"	4°16'16"	23°D54	23°37'37"	12°20'20"	25°18'18"	S 17
S 18	14 18 31	6°15'28"	21°47'47"	10°25'25"	20°10'10"	19°59'59"	29°47'47"	7°25'25"	22°53'53"	5°48'48"	4°17'17"	23°55'55"	23°33'33"	12°27'27"	25°23'23"	S 18
M19	14 22 28	7°13'31"	3°39'39"	11°42'42"	21°9'9"	20°41'41"	29°42'42"	7°24'24"	22°51'51"	5°50'50"	4°19'19"	23°56'56"	23°30'30"	12°33'33"	25°27'27"	M19
T 20	14 26 24	8°11'33"	15°28'28"	13°2'2"	22°8'8"	21°23'23"	29°37'37"	7°22'22"	22°50'50"	5°52'52"	4°20'20"	23°57'57"	23°27'27"	12°40'40"	25°32'32"	T 20
W21	14 30 21	9°9'33"	27°20'20"	14°24'24"	23°8'8"	22°5'5"	29°33'33"	7°21'21"	22°48'48"	5°54'54"	4°21'21"	23°58'58"	23°24'24"	12°47'47"	25°37'37"	W21
T 22	14 34 17	10°7'32"	9°17'17"	15°48'48"	24°8'8"	22°47'47"	29°28'28"	7°20'20"	22°47'47"	5°56'56"	4°22'22"	23°59'59"	23°21'21"	12°53'53"	25°41'41"	T 22
F 23	14 38 14	11°5'29"	21°23'23"	17°14'14"	25°8'8"	23°29'29"	29°24'24"	7°19'19"	22°45'45"	5°58'58"	4°24'24"	24°R0	23°18'18"	13°0'0"	25°46'46"	F 23
S 24	14 42 11	12°3'25"	3°41'41"	18°42'42"	26°8'8"	24°11'11"	29°20'20"	7°17'17"	22°43'43"	6°0'0"	4°25'25"	24°0'0"	23°14'14"	13°7'7"	25°51'51"	S 24
S 25	14 46 7	13°1'19"	16°11'11"	20°13'13"	27°9'9"	24°53'53"	29°16'16"	7°15'15"	22°42'42"	6°3'3"	4°26'26"	23°58'58"	23°11'11"	13°13'13"	25°55'55"	S 25
M26	14 50 4	13°59'12"	28°56'56"	21°46'46"	28°10'10"	25°35'35"	29°12'12"	7°14'14"	22°40'40"	6°5'5"	4°28'28"	23°56'56"	23°8'8"	13°20'20"	26°0'0"	M26
T 27	14 54 0	14°57'03"	11°11'11"	23°21'21"	29°12'12"	26°17'17"	29°8'8"	7°12'12"	22°38'38"	6°7'7"	4°29'29"	23°53'53"	23°5'5"	13°27'27"	26°5'5"	T 27
W28	14 57 57	15°54'53"	25°8'8"	24°58'58"	0°13'13"	26°58'58"	29°5'5"	7°10'10"	22°37'37"	6°9'9"	4°30'30"	23°50'50"	23°2'2"	13°33'33"	26°9'9"	W28
T 29	15 1 53	16°52'41"	8°34'34"	26°37'37"	1°15'15"	27°40'40"	29°2'2"	7°8'8"	22°35'35"	6°11'11"	4°32'32"	23°47'47"	22°58'58"	13°40'40"	26°14'14"	T 29
F 30	15 5 50	17°50'28"	22°14'14"	28°18'18"	2°18'18"	28°22'22"	28°17'17"	7°6'6"	22°33'33"	6°11'11"	4°33'33"	23°45'45"	22°55'55"	13°47'47"	26°19'19"	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	7n45	18n44	4s46	2s45	1s15	8s34	1n20	14n18	0n6	0n53	1n37	22s34	0n44	23s28	0s8	T 1
F 2	8 7	17 51	5 10	2 47	1 27	8 23	1 12	14 32	0 7	0 56	1 37	22 34	0 44	23 28	0 8	F 2
S 3	8 29	15 55	5 18	2 47	1 38	8 12	1 5	14 46	0 7	0 58	1 37	22 34	0 44	23 28	0 8	S 3
S 4	8 51	13 1	5 6	2 44	1 48	8 0	0 57	15 1	0 8	1 1	1 37	22 34	0 44	23 28	0 8	S 4
M 5	9 12	9 16	4 36	2 39	1 58	7 47	0 50	15 15	0 9	1 3	1 37	22 34	0 44	23 28	0 8	M 5
T 6	9 34	4 54	3 47	2 32	2 6	7 34	0 42	15 29	0 9	1 6	1 37	22 34	0 44	23 28	0 8	T 6
W 7	9 55	0 11	2 42	2 22	2 14	7 21	0 35	15 42	0 10	1 8	1 37	22 34	0 44	23 28	0 8	W 7
T 8	10 17	4s34	1 27	2 10	2 22	7 7	0 28	15 56	0 11	1 11	1 36	22 34	0 44	23 28	0 8	T 8
F 9	10 38	9 2	0 6	1 57	2 28	6 53	0 21	16 9	0 11	1 13	1 36	22 34	0 44	23 28	0 8	F 9
S 10	10 59	12 54	1n15	1 41	2 34	6 38	0 15	16 23	0 12	1 16	1 36	22 34	0 44	23 28	0 8	S 10
S 11	11 19	15 54	2 29	1 24	2 39	6 23	0 8	16 36	0 12	1 18	1 36	22 34	0 44	23 28	0 8	S 11
M12	11 40	17 52	3 32	1 4	2 44	6 7	0 2	16 49	0 13	1 20	1 36	22 34	0 44	23 28	0 8	M12
T 13	12 0	18 45	4 21	0 43	2 47	5 51	0s4	17 2	0 14	1 22	1 36	22 34	0 44	23 28	0 8	T 13
W14	12 20	18 34	4 55	0 21	2 51	5 34	0 10	17 14	0 14	1 24	1 36	22 35	0 44	23 28	0 8	W14
T 15	12 40	17 27	5 14	0n4	2 53	5 18	0 16	17 27	0 15	1 26	1 35	22 35	0 44	23 28	0 8	T 15
F 16	13 0	15 31	5 16	0 30	2 55	5 0	0 22	17 39	0 15	1 28	1 35	22 35	0 44	23 28	0 8	F 16
S 17	13 20	12 57	5 5	0 57	2 56	4 43	0 28	17 52	0 16	1 30	1 35	22 35	0 44	23 27	0 8	S 17
S 18	13 39	9 52	4 41	1 26	2 57	4 25	0 33	18 4	0 17	1 32	1 35	22 35	0 44	23 27	0 8	S 18
M19	13 58	6 24	4 4	1 56	2 57	4 6	0 38	18 15	0 17	1 34	1 35	22 35	0 44	23 27	0 8	M19
T 20	14 17	2 43	3 18	2 28	2 56	3 48	0 44	18 27	0 18	1 36	1 34	22 35	0 44	23 27	0 8	T 20
W21	14 36	1n7	2 22	3 1	2 55	3 29	0 49	18 39	0 18	1 37	1 34	22 35	0 44	23 27	0 8	W21
T 22	14 54	4 55	1 21	3 35	2 53	3 9	0 53	18 50	0 19	1 39	1 34	22 35	0 44	23 27	0 8	T 22
F 23	15 12	8 35	0 14	4 10	2 50	2 50	0 58	19 1	0 20	1 40	1 34	22 35	0 44	23 27	0 8	F 23
S 24	15 30	11 57	0s53	4 46	2 47	2 30	1 3	19 12	0 20	1 42	1 34	22 35	0 44	23 27	0 8	S 24
S 25	15 48	14 49	2 0	5 24	2 44	2 10	1 7	19 23	0 21	1 43	1 33	22 35	0 44	23 27	0 8	S 25
M26	16 5	17 2	3 1	6 2	2 40	1 49	1 11	19 34	0 21	1 45	1 33	22 35	0 44	23 27	0 8	M26
T 27	16 22	18 25	3 54	6 42	2 35	1 29	1 16	19 44	0 22	1 46	1 33	22 36	0 44	23 27	0 8	T 27
W28	16 39	18 50	4 36	7 22	2 30	1 8	1 20	19 54	0 22	1 47	1 33	22 36	0 44	23 27	0 8	W28
T 29	16 56	18 11	5 3	8 4	2 24	0 46	1 23	20 5	0 23	1 48	1 32	22 36	0 44	23 27	0 8	T 29
F 30	17n12	16n30	5s14	8n46	2s18	0s25	1s27	20n14	0n24	1n49	1n32	22s36	0n44	23s26	0s8	F 30

Julian Day Number = 2232498.5, Delta T = 07m52s

Ecliptic obliquity = 23°30'54", Nutation = 0°00'07", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°22'26", Lahiri = 15°29'27" Julian Calendar 1 Apr. 1400 == Greg. Calendar 10 Apr. 1400

# ASTRODIENST EPHEMERIS for the year 1400

## geocentric

MAY 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 9 46	18°48'12	6°0 5	0°8 1	3°Y20	29°8 3	28°R55	7°R 4	22°R31	6°II15	4°II34	23°R43	22°52	13°K53	26°824	S 1
S 2	15 13 43	19°45'55	20° 7	1°47	4°23	29°45	28°M53	7°3 2	22°729	6°17	4°36	23°D42	22°49	14° 0	26°29	S 2
M 3	15 17 40	20°43'37	4°M18	3°34	5°26	0°II26	28°50	7° 0	22°27	6°20	4°37	23°43	22°46	14° 7	26°33	M 3
T 4	15 21 36	21°41'16	18°37	5°24	6°29	1° 8	28°48	6°57	22°25	6°22	4°38	23°44	22°43	14°14	26°38	T 4
W 5	15 25 33	22°38'54	3°5 1	7°15	7°33	1°49	28°45	6°55	22°23	6°24	4°40	23°46	22°39	14°20	26°43	W 5
T 6	15 29 29	23°36'31	17°26	9° 9	8°36	2°31	28°43	6°52	22°21	6°26	4°41	23°R47	22°36	14°27	26°48	T 6
F 7	15 33 26	24°34'06	1°M48	11° 5	9°40	3°12	28°41	6°50	22°19	6°28	4°42	23°46	22°33	14°34	26°52	F 7
S 8	15 37 22	25°31'40	16° 4	13° 3	10°44	3°53	28°39	6°47	22°17	6°31	4°44	23°45	22°30	14°40	26°57	S 8
S 9	15 41 19	26°29'12	0°7 6	15° 3	11°48	4°34	28°38	6°44	22°15	6°33	4°45	23°42	22°27	14°47	27° 2	S 9
M10	15 45 15	27°26'44	13°53	17° 5	12°53	5°15	28°37	6°41	22°13	6°35	4°46	23°37	22°24	14°54	27° 7	M10
T 11	15 49 12	28°24'14	27°20	19° 8	13°58	5°57	28°35	6°38	22°11	6°37	4°48	23°32	22°20	15° 0	27°12	T 11
W12	15 53 9	29°21'44	10°327	21°13	15° 2	6°38	28°34	6°35	22° 9	6°39	4°49	23°26	22°17	15° 7	27°17	W12
T 13	15 57 5	0°II19'12	23°12	23°20	16° 7	7°19	28°33	6°32	22° 6	6°42	4°50	23°21	22°14	15°14	27°21	T 13
F 14	16 1 2	1°16'40	5°39	25°28	17°13	8° 0	28°33	6°29	22° 4	6°44	4°52	23°17	22°11	15°20	27°26	F 14
S 15	16 4 58	2°14'07	17°50	27°38	18°18	8°41	28°32	6°26	22° 2	6°46	4°53	23°14	22° 8	15°27	27°31	S 15
S 16	16 8 55	3°11'33	29°49	29°48	19°24	9°22	28°32	6°23	22° 0	6°48	4°55	23°D13	22° 4	15°34	27°36	S 16
M17	16 12 51	4° 8'58	11°K41	1°II59	20°29	10° 3	28°D32	6°19	21°57	6°51	4°56	23°13	22° 1	15°40	27°41	M17
T 18	16 16 48	5° 6'23	23°31	4°11	21°35	10°43	28°32	6°16	21°55	6°53	4°57	23°14	21°58	15°47	27°45	T 18
W19	16 20 44	6° 3'47	5°Y24	6°23	22°41	11°24	28°32	6°13	21°53	6°55	4°59	23°16	21°55	15°54	27°50	W19
T 20	16 24 41	7° 1'10	17°25	8°35	23°48	12° 5	28°33	6° 9	21°51	6°57	5° 0	23°R17	21°52	16° 0	27°55	T 20
F 21	16 28 38	7°58'33	29°37	10°47	24°54	12°46	28°33	6° 6	21°48	7° 0	5° 2	23°17	21°49	16° 7	28° 0	F 21
S 22	16 32 34	8°55'55	12°8 6	12°58	26° 0	13°26	28°34	6° 2	21°46	7° 2	5° 3	23°15	21°45	16°14	28° 4	S 22
S 23	16 36 31	9°53'16	24°51	15° 9	27° 7	14° 7	28°35	5°58	21°44	7° 4	5° 4	23°11	21°42	16°20	28° 9	S 23
M24	16 40 27	10°50'37	7°II56	17°18	28°14	14°48	28°36	5°55	21°41	7° 6	5° 6	23° 6	21°39	16°27	28°14	M24
T 25	16 44 24	11°47'57	21°18	19°26	29°21	15°28	28°37	5°51	21°39	7° 9	5° 7	22°58	21°36	16°34	28°19	T 25
W26	16 48 20	12°45'16	4°56	21°32	0°828	16° 9	28°39	5°47	21°36	7°11	5° 8	22°50	21°33	16°40	28°23	W26
T 27	16 52 17	13°42'35	18°48	23°37	1°35	16°49	28°41	5°43	21°34	7°13	5°10	22°42	21°30	16°47	28°28	T 27
F 28	16 56 13	14°39'53	2°Q49	25°40	2°42	17°30	28°42	5°39	21°32	7°15	5°11	22°35	21°26	16°54	28°33	F 28
S 29	17 0 10	15°37'09	16°57	27°42	3°50	18°10	28°44	5°35	21°29	7°18	5°12	22°30	21°23	17° 0	28°37	S 29
S 30	17 4 7	16°34'25	1°M7	29°41	4°57	18°50	28°47	5°31	21°27	7°20	5°14	22°27	21°20	17° 7	28°42	S 30
M31	17 8 3	17°II31'40	15°M17	1°538	6°8 5	19°II31	28°M49	5°327	21°724	7°II22	5°II15	22°D26	21°17	17°K14	28°847	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17n28	13n51	5s 7	9n28	2s11	0s 3	1s31	20n24	0n24	1n50	1n32	22s36	0n43	23s26	0s 8	19n56
S 2	17 44	10 22	4 42	10 12	2 4	0n18	1 34	20 34	0 25	1 51	1 32	22 36	0 43	23 26	0 8	19 57
M 3	17 59	6 15	3 59	10 56	1 56	0 40	1 38	20 43	0 25	1 52	1 32	22 36	0 43	23 26	0 8	19 57
T 4	18 15	1 44	3 1	11 40	1 48	1 2	1 41	20 52	0 26	1 53	1 31	22 37	0 43	23 26	0 8	19 57
W 5	18 29	2s54	1 52	12 25	1 39	1 25	1 44	21 1	0 26	1 53	1 31	22 37	0 43	23 26	0 8	19 58
T 6	18 44	7 24	0 35	13 10	1 30	1 47	1 47	21 10	0 27	1 54	1 31	22 37	0 43	23 26	0 8	19 58
F 7	18 58	11 27	0n44	13 55	1 21	2 10	1 49	21 19	0 27	1 54	1 31	22 37	0 43	23 26	0 8	19 59
S 8	19 12	14 48	1 59	14 41	1 11	2 33	1 52	21 27	0 28	1 55	1 30	22 37	0 43	23 26	0 8	19 59
S 9	19 26	17 13	3 6	15 26	1 1	2 56	1 55	21 35	0 29	1 55	1 30	22 37	0 43	23 26	0 8	19 59
M10	19 39	18 34	4 0	16 11	0 51	3 18	1 57	21 43	0 29	1 56	1 30	22 38	0 43	23 25	0 8	20 0
T 11	19 52	18 50	4 40	16 55	0 40	3 42	1 59	21 51	0 30	1 56	1 30	22 38	0 43	23 25	0 8	20 0
W12	20 5	18 4	5 3	17 39	0 30	4 5	2 1	21 59	0 30	1 56	1 29	22 38	0 43	23 25	0 8	20 1
T 13	20 17	16 24	5 11	18 21	0 19	4 28	2 3	22 6	0 31	1 56	1 29	22 38	0 43	23 25	0 8	20 1
F 14	20 29	14 0	5 4	19 3	0 8	4 51	2 5	22 13	0 31	1 56	1 29	22 38	0 43	23 25	0 8	20 1
S 15	20 40	11 2	4 43	19 44	0n 2	5 14	2 7	22 20	0 32	1 56	1 29	22 38	0 43	23 25	0 8	20 2
S 16	20 52	7 40	4 10	20 23	0 13	5 38	2 9	22 27	0 32	1 56	1 28	22 39	0 43	23 25	0 8	20 2
M17	21 3	4 1	3 27	21 0	0 23	6 1	2 10	22 34	0 33	1 56	1 28	22 39	0 43	23 25	0 8	20 2
T 18	21 13	0 13	2 35	21 36	0 33	6 25	2 11	22 40	0 33	1 56	1 28	22 39	0 43	23 24	0 8	20 3
W19	21 23	3n37	1 36	22 9	0 43	6 48	2 13	22 47	0 34	1 55	1 27	22 39	0 43	23 24	0 8	20 3
T 20	21 33	7 21	0 32	22 40	0 53	7 11	2 14	22 53	0 34	1 55	1 27	22 39	0 43	23 24	0 8	20 4
F 21	21 42	10 50	0s34	23 9	1 2	7 35	2 15	22 58	0 35	1 54	1 27	22 40	0 43	23 24	0 8	20 4
S 22	21 51	13 55	1 40	23 35	1 10	7 58	2 16	23 4	0 35	1 54	1 27	22 40	0 43	23 24	0 9	20 4
S 23	22 0	16 25	2 42	23 59	1 18	8 21	2 17	23 9	0 36	1 53	1 26	22 40	0 43	23 24	0 9	20 5
M24	22 8	18 7	3 37	24 20	1 26	8 44	2 17	23 15	0 36	1 52	1 26	22 40	0 43	23 24	0 9	20 5
T 25	22 16	18 53	4 22	24 38	1 32	9 8	2 18	23 20	0 37	1 52	1 26	22 41	0 43	23 24	0 9	20 5
W26	22 24	18 33	4 52	24 53	1 38	9 31	2 18	23 24	0 37	1 51	1 26	22 41	0 43	23 23	0 9	20 6
T 27	22 31	17 8	5 6	25 5	1 44	9 54	2 19	23 29	0 38	1 50	1 25	22 41	0 42	23 23	0 9	20 6
F 28	22 38	14 41	5 2	25 15	1 48	10 16	2 19	23 33	0 38	1 49	1 25	22 41	0 42	23 23	0 9	20 7
S 29	22 44	11 22	4 40	25 22	1 52	10 39	2 19	23 38	0 39	1 48	1 25	22 41	0 42	23 23	0 9	20 7
S 30	22 50	7 22	4 0	25 26	1 55	11 2	2 19	23 42	0 39	1 47	1 25	22 42	0 42	23 23	0 9	20 7
M31	22n56	2n58	3s 6	25n28	1n58	11n24	2s19	23n45	0n40	1n46	1n24	22s42	0n42	23s23	0s 9	20n 8

Julian Day Number = 2232528.5, Delta T = 07m52s

Ecliptic obliquity = 23°30'53, Nutation = 0°00'06, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°22'30, Lahiri = 15°29'31 Julian Calendar 1 May 1400 == Greg. Calendar 10 May 1400

ASTRODIENST EPHEMERIS for the year 1400  
geocentric

JUNE 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 12 0	18II28'55	29III26	30III33	7II12	20II11	28III52	5°R23	21°R22	7II24	5II17	22II26	21II14	17II20	28III51	T 1
W 2	17 15 56	19°26'08	13II33	5°26	8°20	20°51	28°54	5°19	21°19	7°26	5°18	22°27	21°10	17°27	28°56	W 2
T 3	17 19 53	20°23'21	27°35	7°16	9°28	21°32	28°57	5°15	21°17	7°29	5°19	22°R27	21° 7	17°34	29° 1	T 3
F 4	17 23 49	21°20'33	11III32	9° 4	10°36	22°12	29° 0	5°10	21°14	7°31	5°21	22°26	21° 4	17°40	29° 5	F 4
S 5	17 27 46	22°17'44	25°21	10°50	11°44	22°52	29° 3	5° 6	21°12	7°33	5°22	22°22	21° 1	17°47	29°10	S 5
S 6	17 31 42	23°14'56	9II 1	12°34	12°53	23°32	29° 7	5° 2	21°10	7°35	5°23	22°16	20°58	17°54	29°14	S 6
M 7	17 35 39	24°12'06	22°28	14°16	14° 1	24°12	29°10	4°58	21° 7	7°37	5°25	22° 7	20°55	18° 0	29°19	M 7
T 8	17 39 36	25° 9'17	5II30	15°55	15° 9	24°52	29°14	4°53	21° 5	7°39	5°26	21°57	20°51	18° 7	29°23	T 8
W 9	17 43 32	26° 6'27	18°36	17°31	16°18	25°32	29°18	4°49	21° 2	7°42	5°27	21°46	20°48	18°14	29°28	W 9
T 10	17 47 29	27° 3'37	1II15	19° 6	17°27	26°12	29°22	4°45	21° 0	7°44	5°28	21°36	20°45	18°20	29°32	T 10
F 11	17 51 25	28° 0'47	13°38	20°38	18°35	26°52	29°26	4°40	20°57	7°46	5°30	21°27	20°42	18°27	29°37	F 11
S 12	17 55 22	28°57'57	25°46	22° 8	19°44	27°32	29°30	4°36	20°55	7°48	5°31	21°20	20°39	18°34	29°41	S 12
S 13	17 59 18	29°55'07	7II44	23°35	20°53	28°12	29°35	4°32	20°53	7°50	5°32	21°15	20°35	18°40	29°45	S 13
M14	18 3 15	00°52'17	19°35	25° 0	22° 2	28°52	29°40	4°27	20°50	7°52	5°34	21°13	20°32	18°47	29°50	M14
T 15	18 7 11	1°49'28	1II25	26°23	23°11	29°31	29°44	4°23	20°48	7°54	5°35	21°D12	20°29	18°54	29°54	T 15
W16	18 11 8	2°46'38	13°18	27°43	24°20	00II11	29°49	4°18	20°45	7°56	5°36	21°13	20°26	19° 0	29°58	W16
T 17	18 15 5	3°43'49	25°20	29° 1	25°30	0°51	29°54	4°14	20°43	7°58	5°37	21°R13	20°23	19° 7	0II 3	T 17
F 18	18 19 1	4°41'01	7II36	0II16	26°39	1°30	29°59	4°10	20°41	8° 1	5°39	21°12	20°20	19°14	0° 7	F 18
S 19	18 22 58	5°38'12	20°10	1°28	27°48	2°10	0II 5	4° 5	20°38	8° 3	5°40	21° 8	20°16	19°20	0°11	S 19
S 20	18 26 54	6°35'24	3II 6	2°38	28°58	2°50	0°11	4° 1	20°36	8° 5	5°41	21° 3	20°13	19°27	0°15	S 20
M21	18 30 51	7°32'36	16°26	3°45	0II 8	3°29	0°16	3°56	20°34	8° 7	5°42	20°55	20°10	19°34	0°19	M21
T 22	18 34 47	8°29'49	0II 8	4°49	1°17	4° 9	0°22	3°52	20°31	8° 9	5°43	20°45	20° 7	19°40	0°23	T 22
W23	18 38 44	9°27'02	14°10	5°51	2°27	4°48	0°28	3°48	20°29	8°11	5°45	20°33	20° 4	19°47	0°27	W23
T 24	18 42 40	10°24'15	28°28	6°49	3°37	5°28	0°34	3°43	20°27	8°13	5°46	20°22	20° 1	19°54	0°31	T 24
F 25	18 46 37	11°21'28	12II55	7°44	4°47	6° 7	0°41	3°39	20°25	8°15	5°47	20°12	19°57	20° 0	0°35	F 25
S 26	18 50 34	12°18'41	27°26	8°36	5°57	6°47	0°47	3°35	20°22	8°16	5°48	20° 5	19°54	20° 7	0°39	S 26
S 27	18 54 30	13°15'54	11III53	9°24	7° 7	7°26	0°54	3°30	20°20	8°18	5°49	20° 0	19°51	20°14	0°43	S 27
M28	18 58 27	14°13'08	26°13	10° 9	8°17	8° 6	1° 0	3°26	20°18	8°20	5°50	19°57	19°48	20°20	0°47	M28
T 29	19 2 23	15°10'21	10II24	10°51	9°27	8°45	1° 7	3°22	20°16	8°22	5°51	19°56	19°45	20°27	0°51	T 29
W30	19 6 20	16°07'35	24II24	11II29	10II37	9°524	1II14	3°17	20°14	8II24	5II53	19II56	19II41	20II34	0II55	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
T 1	23n 1	1s37	2s 0	25n27	1n59	11n46	2s19	23n49	0n40	1n44	1n24	22s42	0n42	23s23	0s 9	20n 8	1s30	11n 2	10s23	8s46	8s18	2s22	16n34	3s29	
W 2	23 6	6 6	0 48	25 24	2 0	12 9	2 19	23 52	0 41	1 43	1 24	22 42	0 42	23 22	0 9	20 8	1 30	11 2	10 23	8 46	8 17	2 20	16 35	3 29	
T 3	23 10	10 13	0n27	25 19	2 0	12 30	2 18	23 56	0 41	1 42	1 24	22 43	0 42	23 22	0 9	20 9	1 30	11 2	10 23	8 46	8 16	2 18	16 36	3 29	
F 4	23 14	13 45	1 40	25 12	2 0	12 52	2 18	23 58	0 42	1 40	1 23	22 43	0 42	23 22	0 9	20 9	1 30	11 2	10 23	8 45	8 15	2 16	16 37	3 29	
S 5	23 17	16 28	2 46	25 2	1 59	13 14	2 17	24 1	0 42	1 39	1 23	22 43	0 42	23 22	0 9	20 9	1 30	11 3	10 23	8 44	8 14	2 15	16 38	3 29	
S 6	23 21	18 13	3 42	24 51	1 57	13 35	2 16	24 4	0 42	1 37	1 23	22 43	0 42	23 22	0 9	20 10	1 30	11 3	10 23	8 42	8 12	2 13	16 38	3 30	
M 7	23 23	18 54	4 24	24 38	1 54	13 56	2 16	24 6	0 43	1 36	1 23	22 43	0 42	23 22	0 9	20 10	1 30	11 3	10 23	8 38	8 11	2 11	16 39	3 30	
T 8	23 26	18 32	4 51	24 24	1 51	14 17	2 15	24 8	0 43	1 34	1 22	22 44	0 42	23 21	0 9	20 10	1 30	11 3	10 23	8 35	8 10	2 9	16 40	3 30	
W 9	23 27	17 13	5 3	24 8	1 47	14 38	2 14	24 10	0 44	1 32	1 22	22 44	0 42	23 21	0 9	20 11	1 30	11 3	10 23	8 31	8 9	2 7	16 41	3 30	
T 10	23 29	15 5	4 59	23 50	1 42	14 58	2 13	24 12	0 44	1 30	1 22	22 44	0 42	23 21	0 9	20 11	1 30	11 4	10 23	8 27	8 8	2 5	16 41	3 30	
F 11	23 30	12 18	4 41	23 32	1 37	15 18	2 12	24 13	0 45	1 28	1 22	22 44	0 42	23 21	0 9	20 11	1 30	11 4	10 23	8 23	8 6	2 3	16 42	3 31	
S 12	23 31	9 2	4 11	23 12	1 32	15 38	2 11	24 15	0 45	1 26	1 21	22 45	0 41	23 21	0 9	20 12	1 30	11 4	10 23	8 21	8 5	2 1	16 43	3 31	
S 13	23 31	5 27	3 30	22 51	1 25	15 57	2 9	24 16	0 46	1 24	1 21	22 45	0 41	23 21	0 9	20 12	1 30	11 4	10 23	8 19	8 4	1 59	16 44	3 31	
M14	23 31	1 41	2 40	22 29	1 18	16 16	2 8	24 17	0 46	1 22	1 21	22 45	0 41	23 21	0 9	20 12	1 30	11 4	10 23	8 18	8 3	1 57	16 44	3 31	
T 15	23 30	2n 9	1 43	22 6	1 11	16 35	2 7	24 17	0 46	1 20	1 21	22 45	0 41	23 20	0 9	20 13	1 30	11 4	10 23	8 18	8 2	1 55	16 45	3 31	
W16	23 29	5 55	0 42	21 43	1 3	16 54	2 5	24 18	0 47	1 18	1 20	22 46	0 41	23 20	0 9	20 13	1 30	11 4	10 23	8 18	8 0	1 53	16 46	3 32	
T 17	23 28	9 29	0s22	21 19	0 55	17 12	2 4	24 18	0 47	1 16	1 20	22 46	0 41	23 20	0 9	20 13	1 30	11 5	10 23	8 18	7 59	1 52	16 46	3 32	
F 18	23 26	12 44	1 26	20 54	0 46	17 29	2 2	24 18	0 48	1 13	1 20	22 46	0 41	23 20	0 9	20 14	1 30	11 5	10 23	8 18	7 58	1 50	16 47	3 32	
S 19	23 24	15 28	2 27	20 29	0 36	17 47	2 0	24 18	0 48	1 11	1 20	22 46	0 41	23 20	0 9	20 14	1 30	11 5	10 23	8 16	7 57	1 48	16 48	3 32	
S 20	23 21	17 31	3 23	20 4	0 26	18 4	1 58	24 18	0 49	1 8	1 19	22 46	0 41	23 20	0 9	20 14	1 30	11 5	10 23	8 14	7 56	1 46	16 48	3 33	
M21	23 18	18 41	4 9	19 38	0 16	18 21	1 57	24 17	0 49	1 6	1 19	22 47	0 41	23 19	0 9	20 15	1 30	11 5	10 23	8 11	7 54	1 44	16 49	3 33	
T 22	23 14	18 49	4 42	19 12	0 5	18 37	1 55	24 16	0 49	1 3	1 19	22 47	0 41	23 19	0 9	20 15	1 30	11 5	10 24	8 7	7 53	1 42	16 49	3 33	
W23	23 11	17 48	4 59	18 46	0s 6	18 53	1 53	24 15	0 50	1 1	1 19	22 47	0 41	23 19	0 9	20 15	1 30	11 5	10 24	8 3	7 52	1 40	16 50	3 33	
T 24	23 6	15 40	4 58	18 21	0 18	19 8	1 51	24 14	0 50	0 58	1 18	22 47	0 40	23 19	0 9	20 16	1 30	11 6	10 24	7 59	7 51	1 38	16 51	3 34	
F 25	23 2	12 32	4 38	17 55	0 29	19 23	1 48	24 13	0 51	0 55	1 18	22 48	0 40	23 19	0 9	20 16	1 30	11 6	10 24	7 55	7 50	1 36	16 51	3 34	
S 26	22 57	8 39	4 0	17 30	0 42	19 37	1 46	24 11	0 51	0 53	1 18	22 48	0 40	23 19	0 9	20 16	1 30	11 6	10 24	7 52	7 48	1 34	16 52	3 34	
S 27	22 51	4 15	3 7	17 5	0 54	19 51	1 44	24 10	0 51	0 50	1 18	22 48	0 40	23 18	0 9	20 16	1 30	11 6	10 24	7 50	7 47	1 32	16 52	3 34	
M28	22 45	0s22	2 2	16 40	1 7	20 5	1 42	24 8	0 52	0 47	1 18	22 48	0 40	23 18	0 9	20 17	1 30	11 6	10 24	7 49	7 46	1 31	16 53	3 35	
T 29	22 39	4 54	0 50	16 17	1 20	20 18	1 40	24 6	0 52	0 44	1 17	22 48	0 40	23 18	0 9	20 17	1 30	11 6	10 24	7 49	7 45	1 29	16 53	3 35	
W30	22n32	9s 7	0n24	15n53	1s34	20n30	1s37	24n 3	0n53	0n41	1n17	22s49	0n40	23s18	0s 9	20n17	1s30	11n 6	10s24	7s49	7s44	1s27	16n54	3s35	



# ASTRODIENST EPHEMERIS for the year 1400

## geocentric

JULY 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 10 16	17°54'48"	8°11'12"	12°02'22"	11°11'48"	10°05'44"	1°21'21"	3°R13	20°R12	8°II26	5°II54	19°R56	19°23'38"	20°11'40"	0°II59	T 1
F 2	19 14 13	18°20'02"	21°01'50"	12°03'32"	12°05'58"	10°04'33"	1°28'28"	3°33'9"	20°21'10"	8°28'28"	5°55'55"	19°25'53"	19°35'35"	20°04'47"	1°02'22"	F 2
S 3	19 18 9	18°59'17"	5°21'17"	12°05'57"	14°09'09"	11°22'22"	1°36'36"	3°05'05"	20°08'08"	8°30'30"	5°56'56"	19°48'48"	19°32'32"	20°54'54"	1°06'06"	S 3
S 4	19 22 6	19°56'31"	18°34'34"	13°18'18"	15°19'19"	12°01'01"	1°43'43"	3°01'01"	20°06'06"	8°31'31"	5°57'57"	19°40'40"	19°29'29"	21°00'00"	1°10'10"	S 4
M 5	19 26 3	20°53'47"	1°33'38"	13°34'34"	16°30'30"	12°40'40"	1°51'51"	2°57'57"	20°04'04"	8°33'33"	5°58'58"	19°30'30"	19°26'26"	21°07'07"	1°13'13"	M 5
T 6	19 29 59	21°51'02"	14°31'31"	13°46'46"	17°41'41"	13°19'19"	1°59'59"	2°53'53"	20°02'02"	8°35'35"	5°59'59"	19°18'18"	19°22'22"	21°14'14"	1°17'17"	T 6
W 7	19 33 56	22°48'18"	27°11'11"	13°53'53"	18°51'51"	13°59'59"	2°06'06"	2°49'49"	20°00'00"	8°37'37"	6°00'00"	19°05'05"	19°19'19"	21°20'20"	1°20'20"	W 7
T 8	19 37 52	23°45'35"	9°23'38"	13°R55	20°02'02"	14°38'38"	2°14'14"	2°45'45"	19°58'58"	8°38'38"	6°01'01"	18°52'52"	19°16'16"	21°27'27"	1°24'24"	T 8
F 9	19 41 49	24°42'53"	21°52'52"	13°51'51"	21°13'13"	15°17'17"	2°23'23"	2°41'41"	19°56'56"	8°40'40"	6°02'02"	18°41'41"	19°13'13"	21°34'34"	1°27'27"	F 9
S 10	19 45 45	25°40'12"	3°11'55"	13°43'43"	22°24'24"	15°56'56"	2°31'31"	2°37'37"	19°54'54"	8°42'42"	6°03'03"	18°32'32"	19°10'10"	21°40'40"	1°30'30"	S 10
S 11	19 49 42	26°37'31"	15°50'50"	13°30'30"	23°35'35"	16°35'35"	2°39'39"	2°33'33"	19°52'52"	8°43'43"	6°04'04"	18°26'26"	19°07'07"	21°47'47"	1°34'34"	S 11
M12	19 53 38	27°34'51"	27°39'39"	13°12'12"	24°46'46"	17°14'14"	2°47'47"	2°29'29"	19°51'51"	8°45'45"	6°05'05"	18°22'22"	19°03'03"	21°54'54"	1°37'37"	M12
T 13	19 57 35	28°32'13"	9°11'27"	12°48'48"	25°57'57"	17°53'53"	2°56'56"	2°25'25"	19°49'49"	8°47'47"	6°06'06"	18°21'21"	19°00'00"	22°00'00"	1°40'40"	T 13
W14	20 1 32	29°29'35"	21°19'19"	12°21'21"	27°09'09"	18°31'31"	3°05'05"	2°22'22"	19°47'47"	8°48'48"	6°07'07"	18°D20	18°57'57"	22°07'07"	1°43'43"	W14
T 15	20 5 28	0°26'59"	3°20'20"	11°48'48"	28°20'20"	19°10'10"	3°13'13"	2°18'18"	19°46'46"	8°50'50"	6°07'07"	18°R21	18°54'54"	22°14'14"	1°47'47"	T 15
F 16	20 9 25	1°24'24"	15°35'35"	11°12'12"	29°31'31"	19°49'49"	3°22'22"	2°14'14"	19°44'44"	8°51'51"	6°08'08"	18°20'20"	18°51'51"	22°20'20"	1°50'50"	F 16
S 17	20 13 21	2°21'50"	28°10'10"	10°32'32"	0°24'43"	20°28'28"	3°31'31"	2°11'11"	19°42'42"	8°53'53"	6°09'09"	18°17'17"	18°47'47"	22°27'27"	1°53'53"	S 17
S 18	20 17 18	3°19'18"	11°11'9"	9°49'49"	1°54'54"	21°07'07"	3°40'40"	2°07'07"	19°41'41"	8°54'54"	6°10'10"	18°13'13"	18°44'44"	22°34'34"	1°56'56"	S 18
M19	20 21 14	4°16'47"	24°35'35"	9°04'04"	3°06'06"	21°46'46"	3°49'49"	2°04'04"	19°39'39"	8°56'56"	6°11'11"	18°05'05"	18°41'41"	22°40'40"	1°58'58"	M19
T 20	20 25 11	5°14'17"	8°28'28"	8°18'18"	4°18'18"	22°24'24"	3°59'59"	2°01'01"	19°38'38"	8°57'57"	6°12'12"	17°56'56"	18°38'38"	22°47'47"	2°01'01"	T 20
W21	20 29 7	6°11'48"	22°46'46"	7°30'30"	5°29'29"	23°03'03"	4°08'08"	1°57'57"	19°36'36"	8°58'58"	6°12'12"	17°46'46"	18°35'35"	22°54'54"	2°04'04"	W21
T 22	20 33 4	7°09'20"	7°23'23"	6°43'43"	6°41'41"	23°42'42"	4°18'18"	1°54'54"	19°35'35"	9°00'00"	6°13'13"	17°35'35"	18°32'32"	23°00'00"	2°07'07"	T 22
F 23	20 37 1	8°06'54"	22°13'13"	5°57'57"	7°53'53"	24°20'20"	4°27'27"	1°51'51"	19°34'34"	9°01'01"	6°14'14"	17°26'26"	18°28'28"	23°07'07"	2°09'09"	F 23
S 24	20 40 57	9°04'28"	7°11'7"	5°12'12"	9°05'05"	24°59'59"	4°37'37"	1°48'48"	19°32'32"	9°02'02"	6°15'15"	17°19'19"	18°25'25"	23°14'14"	2°12'12"	S 24
S 25	20 44 54	10°02'04"	21°56'56"	4°30'30"	10°17'17"	25°38'38"	4°47'47"	1°45'45"	19°31'31"	9°04'04"	6°15'15"	17°14'14"	18°22'22"	23°20'20"	2°15'15"	S 25
M26	20 48 50	10°59'40"	6°23'34"	3°52'52"	11°29'29"	26°16'16"	4°56'56"	1°42'42"	19°30'30"	9°05'05"	6°16'16"	17°12'12"	18°19'19"	23°27'27"	2°17'17"	M26
T 27	20 52 47	11°57'18"	20°56'56"	3°19'19"	12°41'41"	26°55'55"	5°06'06"	1°39'39"	19°29'29"	9°06'06"	6°17'17"	17°D11	18°16'16"	23°34'34"	2°20'20"	T 27
W28	20 56 43	12°54'56"	5°11'11"	2°50'50"	13°53'53"	27°33'33"	5°17'17"	1°37'37"	19°27'27"	9°07'07"	6°17'17"	17°12'12"	18°13'13"	23°40'40"	2°22'22"	W28
T 29	21 0 40	13°52'36"	18°47'47"	2°27'27"	15°05'05"	28°12'12"	5°27'27"	1°34'34"	19°26'26"	9°09'09"	6°18'18"	17°R12	18°09'09"	23°47'47"	2°24'24"	T 29
F 30	21 4 36	14°50'16"	2°21'16"	2°11'11"	16°17'17"	28°50'50"	5°37'37"	1°31'31"	19°25'25"	9°10'10"	6°19'19"	17°11'11"	18°06'06"	23°53'53"	2°27'27"	F 30
S 31	21 8 33	15°47'58"	15°21'29"	2°01'01"	17°23'30"	29°29'29"	5°47'47"	1°23'23"	19°24'24"	9°11'11"	6°19'19"	17°11'11"	18°03'03"	24°11'11"	2°29'29"	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22n25	12s47	1n35	15n31	1s47	20n42	1s35	24n 1	0n53	0n38	1n17	22s49	0n40	23s18	0s 9	20n17
F 2	22 18	15 42	2 40	15 10	2 1	20 54	1 32	23 58	0 53	0 35	1 17	22 49	0 40	23 18	0 9	20 18
S 3	22 10	17 43	3 35	14 49	2 15	21 5	1 30	23 55	0 54	0 32	1 16	22 49	0 40	23 18	0 9	20 18
S 4	22 2	18 44	4 18	14 30	2 29	21 16	1 27	23 52	0 54	0 29	1 16	22 49	0 39	23 17	0 9	20 18
M 5	21 53	18 44	4 46	14 13	2 42	21 25	1 25	23 49	0 55	0 25	1 16	22 50	0 39	23 17	0 9	20 18
T 6	21 44	17 46	4 59	13 56	2 56	21 35	1 22	23 45	0 55	0 22	1 16	22 50	0 39	23 17	0 9	20 19
W 7	21 35	15 55	4 57	13 41	3 9	21 44	1 19	23 42	0 55	0 19	1 16	22 50	0 39	23 17	0 9	20 19
T 8	21 25	13 23	4 41	13 28	3 23	21 52	1 17	23 38	0 56	0 16	1 15	22 50	0 39	23 17	0 9	20 19
F 9	21 15	10 17	4 12	13 17	3 35	22 0	1 14	23 34	0 56	0 12	1 15	22 50	0 39	23 17	0 9	20 19
S 10	21 5	6 48	3 32	13 8	3 48	22 7	1 11	23 30	0 56	0 9	1 15	22 51	0 39	23 17	0 9	20 20
S 11	20 54	3 6	2 43	13 0	3 59	22 13	1 8	23 25	0 57	0 5	1 15	22 51	0 39	23 16	0 9	20 20
M12	20 43	0n42	1 47	12 55	4 10	22 19	1 6	23 21	0 57	0 2	1 15	22 51	0 39	23 16	0 9	20 20
T 13	20 31	4 29	0 47	12 52	4 20	22 24	1 3	23 16	0 57	0s 2	1 14	22 51	0 38	23 16	0 9	20 20
W14	20 19	8 6	0s16	12 51	4 29	22 29	1 0	23 11	0 58	0 6	1 14	22 51	0 38	23 16	0 9	20 21
T 15	20 7	11 26	1 19	12 53	4 36	22 33	0 57	23 6	0 58	0 9	1 14	22 51	0 38	23 16	0 9	20 21
F 16	19 55	14 20	2 19	12 56	4 43	22 37	0 54	23 1	0 59	0 13	1 14	22 52	0 38	23 16	0 9	20 21
S 17	19 42	16 39	3 15	13 2	4 47	22 40	0 51	22 55	0 59	0 17	1 14	22 52	0 38	23 16	0 9	20 21
S 18	19 28	18 11	4 2	13 10	4 51	22 42	0 48	22 50	0 59	0 20	1 13	22 52	0 38	23 16	0 9	20 21
M19	19 15	18 47	4 38	13 21	4 52	22 43	0 45	22 44	1 0	0 24	1 13	22 52	0 38	23 16	0 9	20 22
T 20	19 1	18 17	4 58	13 33	4 52	22 44	0 42	22 38	1 0	0 28	1 13	22 52	0 38	23 15	0 9	20 22
W21	18 47	16 38	5 1	13 47	4 50	22 45	0 39	22 32	1 0	0 32	1 13	22 53	0 37	23 15	0 9	20 22
T 22	18 32	13 53	4 45	14 2	4 46	22 44	0 36	22 25	1 1	0 36	1 13	22 53	0 37	23 15	0 9	20 22
F 23	18 18	10 13	4 9	14 19	4 40	22 43	0 34	22 19	1 1	0 40	1 13	22 53	0 37	23 15	0 9	20 22
S 24	18 3	5 53	3 16	14 37	4 32	22 42	0 31	22 12	1 1	0 44	1 12	22 53	0 37	23 15	0 9	20 22
S 25	17 47	1 13	2 10	14 56	4 23	22 39	0 28	22 6	1 2	0 48	1 12	22 53	0 37	23 15	0 9	20 23
M26	17 32	3s29	0 56	15 15	4 12	22 36	0 25	21 59	1 2	0 52	1 12	22 53	0 37	23 15	0 9	20 23
T 27	17 16	7 53	0n20	15 35	4 0	22 33	0 22	21 52	1 2	0 56	1 12	22 54	0 37	23 15	0 9	20 23
W28	16 59	11 46	1 34	15 55	3 47	22 29	0 19	21 44	1 3	1 0	1 12	22 54	0 37	23 15	0 9	20 23
T 29	16 43	14 54	2 40	16 14	3 32	22 24	0 16	21 37	1 3	1 4	1 12	22 54	0 36	23 15	0 9	20 23
F 30	16 26	17 8	3 37	16 33	3 16	22 18	0 13	21 29	1 3	1 9	1 11	22 54	0 36	23 14	0 9	20 23
S 31	16n 9	18s25	4n20	16n51	3s 0	22n12	0s10	21n22	1n 4	1s13	1n11	22s54	0n36	23s14	0s 9	20n23

Julian Day Number = 2232589.5, Delta T = 07m52s

Ecliptic obliquity = 23°30'53", Nutation = 0°00'06", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°22'39", Lahiri = 15°29'39" Julian Calendar 1 July 1400 == Greg. Calendar 10 July 1400



# ASTRODIENST EPHEMERIS for the year 1400

## geocentric

AUGUST 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	21 12 30	16 <sup>45</sup> 40	28 <sup>28</sup> 28	1°D59	18 <sup>54</sup> 42	0 <sup>0</sup> 7	5 <sup>5</sup> 58	1°R26	19°R23	9 <sup>11</sup> 12	6 <sup>11</sup> 20	17°R 1	18 <sup>5</sup> 0	24 <sup>18</sup> 7	2 <sup>11</sup> 31	S 1
M 2	21 16 26	17°43'24	11 <sup>3</sup> 14	2 <sup>0</sup> 4	19°54	0°46	6° 8	1 <sup>3</sup> 24	19 <sup>2</sup> 22	9°13	6°20	16 <sup>5</sup> 53	17°57	24°13	2°33	M 2
T 3	21 20 23	18°41'09	23°48	2°16	21° 7	1°24	6°19	1°22	19°22	9°14	6°21	16°43	17°53	24°20	2°35	T 3
W 4	21 24 19	19°38'56	6 <sup>11</sup> 11	2°36	22°19	2° 3	6°29	1°19	19°21	9°15	6°21	16°33	17°50	24°27	2°37	W 4
T 5	21 28 16	20°36'44	18°24	3° 4	23°32	2°41	6°40	1°17	19°20	9°16	6°22	16°22	17°47	24°33	2°39	T 5
F 6	21 32 12	21°34'33	0 <sup>18</sup> 28	3°39	24°45	3°19	6°51	1°15	19°19	9°17	6°22	16°13	17°44	24°40	2°41	F 6
S 7	21 36 9	22°32'24	12°25	4°22	25°57	3°58	7° 2	1°13	19°19	9°18	6°23	16° 6	17°41	24°47	2°43	S 7
S 8	21 40 5	23°30'16	24°15	5°13	27°10	4°36	7°13	1°11	19°18	9°19	6°23	16° 2	17°38	24°53	2°44	S 8
M 9	21 44 2	24°28'10	6 <sup>11</sup> 2	6°10	28°23	5°14	7°24	1°10	19°17	9°20	6°24	15°59	17°34	25° 0	2°46	M 9
T 10	21 47 59	25°26'06	17°50	7°14	29°36	5°52	7°35	1° 8	19°17	9°21	6°24	15°D59	17°31	25° 7	2°47	T 10
W11	21 51 55	26°24'03	29°41	8°25	0 <sup>0</sup> 49	6°31	7°46	1° 6	19°16	9°21	6°24	15°59	17°28	25°13	2°49	W11
T 12	21 55 52	27°22'03	11 <sup>18</sup> 42	9°42	2° 2	7° 9	7°57	1° 5	19°16	9°22	6°25	16° 1	17°25	25°20	2°50	T 12
F 13	21 59 48	28°20'04	23°56	11° 4	3°15	7°47	8° 8	1° 3	19°16	9°23	6°25	16°R 1	17°22	25°27	2°52	F 13
S 14	22 3 45	29°18'08	6 <sup>11</sup> 28	12°32	4°28	8°25	8°20	1° 2	19°15	9°24	6°25	16° 1	17°19	25°33	2°53	S 14
S 15	22 7 41	0 <sup>0</sup> 16'13	19°25	14° 4	5°41	9° 3	8°31	1° 1	19°15	9°24	6°26	16° 0	17°15	25°40	2°54	S 15
M16	22 11 38	1°14'21	2 <sup>0</sup> 48	15°41	6°54	9°41	8°43	1° 0	19°15	9°25	6°26	15°56	17°12	25°47	2°55	M16
T 17	22 15 34	2°12'30	16°40	17°22	8° 7	10°19	8°54	0°59	19°15	9°25	6°26	15°51	17° 9	25°53	2°57	T 17
W18	22 19 31	3°10'41	1 <sup>0</sup> 0	19° 5	9°21	10°58	9° 6	0°58	19°14	9°26	6°26	15°44	17° 6	26° 0	2°58	W18
T 19	22 23 28	4° 8'55	15°43	20°52	10°34	11°36	9°18	0°57	19°14	9°27	6°27	15°38	17° 3	26° 7	2°58	T 19
F 20	22 27 24	5° 7'10	0 <sup>0</sup> 16'45	22°41	11°48	12°14	9°29	0°56	19°D14	9°27	6°27	15°32	16°59	26°13	2°59	F 20
S 21	22 31 21	6° 5'27	15°54	24°31	13° 1	12°52	9°41	0°56	19°14	9°28	6°27	15°28	16°56	26°20	3° 0	S 21
S 22	22 35 17	7° 3'45	1 <sup>0</sup> 1	26°23	14°15	13°30	9°53	0°55	19°14	9°28	6°27	15°25	16°53	26°27	3° 1	S 22
M23	22 39 14	8° 2'05	15°58	28°16	15°28	14° 8	10° 5	0°54	19°15	9°28	6°27	15°D25	16°50	26°33	3° 2	M23
T 24	22 43 10	9° 0'27	0 <sup>0</sup> 16'37	0 <sup>0</sup> 10	16°42	14°46	10°17	0°54	19°15	9°29	6°27	15°25	16°47	26°40	3° 2	T 24
W25	22 47 7	9°58'51	14°54	2° 4	17°55	15°23	10°29	0°54	19°15	9°29	6°27	15°27	16°44	26°47	3° 3	W25
T 26	22 51 3	10°57'16	28°48	3°59	19° 9	16° 1	10°41	0°54	19°15	9°29	6°28	15°28	16°40	26°53	3° 3	T 26
F 27	22 55 0	11°55'43	12 <sup>28</sup> 18	5°53	20°23	16°39	10°53	0°D54	19°16	9°30	6°28	15°R28	16°37	27° 0	3° 4	F 27
S 28	22 58 57	12°54'11	25°27	7°47	21°37	17°17	11° 5	0°54	19°16	9°30	6°R28	15°28	16°34	27° 6	3° 4	S 28
S 29	23 2 53	13°52'41	8 <sup>3</sup> 17	9°41	22°51	17°55	11°17	0°54	19°16	9°30	6°28	15°26	16°31	27°13	3° 4	S 29
M30	23 6 50	14°51'13	20°51	11°34	24° 4	18°33	11°30	0°54	19°17	9°30	6°28	15°22	16°28	27°20	3° 4	M30
T 31	23 10 46	15 <sup>10</sup> 49'47	3 <sup>11</sup> 12	13 <sup>11</sup> 26	25°01	19°01	11°42	0°54	19°17	9°31	6°28	15°17	16°24	27°26	3° 4	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	15n52	18s41	4n49	17n 8	2s43	22n 5	0s 7	21n14	1n 4	1s17	1n11	22s54	0n36	23s14	0s 9	20n24
M 2	15 34	18 0	5 3	17 24	2 26	21 58	0 4	21 6	1 4	1 22	1 11	22 54	0 36	23 14	0 9	20 24
T 3	15 16	16 27	5 2	17 38	2 8	21 50	0 1	20 58	1 5	1 26	1 11	22 55	0 36	23 14	0 9	20 24
W 4	14 58	14 9	4 47	17 51	1 50	21 41	0n 2	20 49	1 5	1 30	1 11	22 55	0 36	23 14	0 9	20 24
T 5	14 40	11 15	4 19	18 2	1 33	21 32	0 4	20 41	1 5	1 35	1 10	22 55	0 36	23 14	0 9	20 24
F 6	14 21	7 55	3 39	18 10	1 16	21 22	0 7	20 32	1 5	1 39	1 10	22 55	0 35	23 14	0 9	20 24
S 7	14 3	4 18	2 50	18 17	0 59	21 11	0 10	20 23	1 6	1 43	1 10	22 55	0 35	23 14	0 9	20 24
S 8	13 44	0 32	1 54	18 21	0 42	21 0	0 13	20 15	1 6	1 48	1 10	22 55	0 35	23 14	0 9	20 24
M 9	13 24	3n13	0 53	18 22	0 26	20 48	0 15	20 6	1 6	1 52	1 10	22 56	0 35	23 14	0 9	20 24
T 10	13 5	6 52	0s10	18 21	0 11	20 36	0 18	19 56	1 7	1 57	1 10	22 56	0 35	23 14	0 9	20 24
W11	12 45	10 15	1 13	18 16	0n 4	20 23	0 21	19 47	1 7	2 1	1 10	22 56	0 35	23 14	0 9	20 25
T 12	12 25	13 15	2 15	18 9	0 17	20 9	0 23	19 38	1 7	2 6	1 10	22 56	0 35	23 14	0 9	20 25
F 13	12 5	15 44	3 11	17 59	0 30	19 55	0 26	19 28	1 8	2 11	1 9	22 56	0 35	23 14	0 9	20 25
S 14	11 45	17 32	3 59	17 46	0 42	19 40	0 29	19 18	1 8	2 15	1 9	22 56	0 34	23 14	0 9	20 25
S 15	11 25	18 29	4 37	17 30	0 53	19 25	0 31	19 9	1 8	2 20	1 9	22 56	0 34	23 14	0 9	20 25
M16	11 4	18 27	5 2	17 11	1 3	19 9	0 34	18 59	1 8	2 24	1 9	22 57	0 34	23 14	0 9	20 25
T 17	10 43	17 21	5 10	16 49	1 12	18 52	0 36	18 49	1 9	2 29	1 9	22 57	0 34	23 14	0 9	20 25
W18	10 22	15 8	4 59	16 24	1 19	18 35	0 39	18 38	1 9	2 34	1 9	22 57	0 34	23 14	0 9	20 25
T 19	10 1	11 54	4 28	15 57	1 26	18 18	0 41	18 28	1 9	2 39	1 9	22 57	0 34	23 14	0 9	20 25
F 20	9 40	7 50	3 39	15 27	1 32	18 0	0 43	18 18	1 10	2 43	1 9	22 57	0 34	23 14	0 9	20 25
S 21	9 18	3 13	2 34	14 55	1 37	17 41	0 46	18 7	1 10	2 48	1 8	22 57	0 33	23 14	0 9	20 25
S 22	8 57	1s36	1 18	14 21	1 41	17 22	0 48	17 57	1 10	2 53	1 8	22 57	0 33	23 14	0 9	20 25
M23	8 35	6 15	0n 3	13 44	1 44	17 3	0 50	17 46	1 10	2 58	1 8	22 57	0 33	23 14	0 9	20 25
T 24	8 13	10 26	1 22	13 6	1 46	16 43	0 52	17 35	1 11	3 2	1 8	22 58	0 33	23 14	0 9	20 25
W25	7 51	13 54	2 34	12 27	1 48	16 22	0 54	17 24	1 11	3 7	1 8	22 58	0 33	23 14	0 9	20 25
T 26	7 29	16 27	3 35	11 46	1 48	16 1	0 56	17 13	1 11	3 12	1 8	22 58	0 33	23 14	0 9	20 25
F 27	7 7	18 0	4 22	11 4	1 48	15 40	0 58	17 2	1 11	3 17	1 8	22 58	0 33	23 14	0 9	20 25
S 28	6 44	18 32	4 54	10 20	1 48	15 18	1 0	16 50	1 12	3 22	1 8	22 58	0 33	23 14	0 9	20 25
S 29	6 22	18 5	5 11	9 36	1 46	14 55	1 2	16 39	1 12	3 27	1 8	22 58	0 32	23 14	0 9	20 25
M30	5 59	16 46	5 12	8 51	1 44	14 32	1 4	16 27	1 12	3 31	1 8	22 58	0 32	23 14	0 9	20 25
T 31	5n36	14s40	4n58	8n 6	1n42	14n 9	1n 6	16n16	1n12	3s36	1n 7	22s59	0n32	23s14	0s 9	20n25

Julian Day Number = 2232620.5, Delta T = 07m52s

Ecliptic obliquity = 23°30'53", Nutation = 0°00'07", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°22'43", Lahiri = 15°29'43" Julian Calendar 1 Aug. 1400 == Greg. Calendar 10 Aug. 1400

# ASTRODIENST EPHEMERIS for the year 1400

## geocentric

SEPTEMBER 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	23 14 43	16 <sup>17</sup> 48'22	15 <sup>22</sup> 22	15 <sup>17</sup> 18	26 <sup>0</sup> 32	19 <sup>0</sup> 48	11 <sup>5</sup> 54	0 <sup>3</sup> 55	19 <sup>1</sup> 18	9 <sup>1</sup> 31	6 <sup>0</sup> R27	15 <sup>0</sup> R13	16 <sup>1</sup> 21	27 <sup>1</sup> 33	3 <sup>0</sup> R 4	W 1
T 2	23 18 39	17 <sup>0</sup> 46'59	27 <sup>0</sup> 24	17 <sup>0</sup> 9	27 <sup>0</sup> 46	20 <sup>0</sup> 26	12 <sup>0</sup> 7	0 <sup>0</sup> 55	19 <sup>0</sup> 19	9 <sup>0</sup> 31	6 <sup>0</sup> II27	15 <sup>0</sup> 8	16 <sup>0</sup> 18	27 <sup>0</sup> 40	3 <sup>0</sup> II 4	T 2
F 3	23 22 36	18 <sup>0</sup> 45'38	9 <sup>0</sup> 18	18 <sup>0</sup> 59	29 <sup>0</sup> 0	21 <sup>0</sup> 4	12 <sup>0</sup> 19	0 <sup>0</sup> 56	19 <sup>0</sup> 19	9 <sup>0</sup> 31	6 <sup>0</sup> 27	15 <sup>0</sup> 4	16 <sup>0</sup> 15	27 <sup>0</sup> 46	3 <sup>0</sup> 4	F 3
S 4	23 26 32	19 <sup>0</sup> 44'18	21 <sup>0</sup> 10	20 <sup>0</sup> 48	0 <sup>0</sup> 14	21 <sup>0</sup> 42	12 <sup>0</sup> 32	0 <sup>0</sup> 57	19 <sup>0</sup> 20	9 <sup>0</sup> R31	6 <sup>0</sup> 27	15 <sup>0</sup> 0	16 <sup>0</sup> 12	27 <sup>0</sup> 53	3 <sup>0</sup> 4	S 4
S 5	23 30 29	20 <sup>0</sup> 43'01	2 <sup>0</sup> Y58	22 <sup>0</sup> 36	1 <sup>0</sup> 29	22 <sup>0</sup> 19	12 <sup>0</sup> 44	0 <sup>0</sup> 57	19 <sup>0</sup> 21	9 <sup>0</sup> 31	6 <sup>0</sup> 27	14 <sup>0</sup> 59	16 <sup>0</sup> 9	28 <sup>0</sup> 0	3 <sup>0</sup> 4	S 5
M 6	23 34 25	21 <sup>0</sup> 41'46	14 <sup>0</sup> 46	24 <sup>0</sup> 23	2 <sup>0</sup> 43	22 <sup>0</sup> 57	12 <sup>0</sup> 57	0 <sup>0</sup> 58	19 <sup>0</sup> 22	9 <sup>0</sup> 31	6 <sup>0</sup> 27	14 <sup>0</sup> D58	16 <sup>0</sup> 5	28 <sup>0</sup> 6	3 <sup>0</sup> 4	M 6
T 7	23 38 22	22 <sup>0</sup> 40'33	26 <sup>0</sup> 36	26 <sup>0</sup> 9	3 <sup>0</sup> 57	23 <sup>0</sup> 35	13 <sup>0</sup> 9	0 <sup>0</sup> 59	19 <sup>0</sup> 23	9 <sup>0</sup> 30	6 <sup>0</sup> 27	14 <sup>0</sup> 58	16 <sup>0</sup> 2	28 <sup>0</sup> 13	3 <sup>0</sup> 3	T 7
W 8	23 42 19	23 <sup>0</sup> 39'22	8 <sup>0</sup> 31	27 <sup>0</sup> 55	5 <sup>0</sup> 11	24 <sup>0</sup> 12	13 <sup>0</sup> 22	1 <sup>0</sup> 0	19 <sup>0</sup> 23	9 <sup>0</sup> 30	6 <sup>0</sup> 26	15 <sup>0</sup> 0	15 <sup>0</sup> 59	28 <sup>0</sup> 20	3 <sup>0</sup> 3	W 8
T 9	23 46 15	24 <sup>0</sup> 38'13	20 <sup>0</sup> 34	29 <sup>0</sup> 39	6 <sup>0</sup> 26	24 <sup>0</sup> 50	13 <sup>0</sup> 34	1 <sup>0</sup> 2	19 <sup>0</sup> 24	9 <sup>0</sup> 30	6 <sup>0</sup> 26	15 <sup>0</sup> 1	15 <sup>0</sup> 56	28 <sup>0</sup> 26	3 <sup>0</sup> 2	T 9
F 10	23 50 12	25 <sup>0</sup> 37'07	2 <sup>0</sup> II50	1 <sup>0</sup> 23	7 <sup>0</sup> 40	25 <sup>0</sup> 28	13 <sup>0</sup> 47	1 <sup>0</sup> 3	19 <sup>0</sup> 25	9 <sup>0</sup> 30	6 <sup>0</sup> 26	15 <sup>0</sup> 3	15 <sup>0</sup> 53	28 <sup>0</sup> 33	3 <sup>0</sup> 1	F 10
S 11	23 54 8	26 <sup>0</sup> 36'03	15 <sup>0</sup> 23	3 <sup>0</sup> 5	8 <sup>0</sup> 54	26 <sup>0</sup> 5	14 <sup>0</sup> 0	1 <sup>0</sup> 4	19 <sup>0</sup> 27	9 <sup>0</sup> 30	6 <sup>0</sup> 26	15 <sup>0</sup> 4	15 <sup>0</sup> 50	28 <sup>0</sup> 40	3 <sup>0</sup> 1	S 11
S 12	23 58 5	27 <sup>0</sup> 35'01	28 <sup>0</sup> 15	4 <sup>0</sup> 47	10 <sup>0</sup> 9	26 <sup>0</sup> 43	14 <sup>0</sup> 13	1 <sup>0</sup> 6	19 <sup>0</sup> 28	9 <sup>0</sup> 30	6 <sup>0</sup> 25	15 <sup>0</sup> R 4	15 <sup>0</sup> 46	28 <sup>0</sup> 46	3 <sup>0</sup> 0	S 12
M13	0 2 1	28 <sup>0</sup> 34'02	11 <sup>0</sup> 32	6 <sup>0</sup> 28	11 <sup>0</sup> 23	27 <sup>0</sup> 20	14 <sup>0</sup> 25	1 <sup>0</sup> 7	19 <sup>0</sup> 29	9 <sup>0</sup> 29	6 <sup>0</sup> 25	15 <sup>0</sup> 4	15 <sup>0</sup> 43	28 <sup>0</sup> 53	2 <sup>0</sup> 59	M13
T 14	0 5 58	29 <sup>0</sup> 33'05	25 <sup>0</sup> 15	8 <sup>0</sup> 8	12 <sup>0</sup> 38	27 <sup>0</sup> 58	14 <sup>0</sup> 38	1 <sup>0</sup> 9	19 <sup>0</sup> 30	9 <sup>0</sup> 29	6 <sup>0</sup> 25	15 <sup>0</sup> 3	15 <sup>0</sup> 40	29 <sup>0</sup> 0	2 <sup>0</sup> 58	T 14
W15	0 9 54	0 <sup>0</sup> 32'10	9 <sup>0</sup> 25	9 <sup>0</sup> 47	13 <sup>0</sup> 52	28 <sup>0</sup> 35	14 <sup>0</sup> 51	1 <sup>0</sup> 11	19 <sup>0</sup> 31	9 <sup>0</sup> 29	6 <sup>0</sup> 24	15 <sup>0</sup> 1	15 <sup>0</sup> 37	29 <sup>0</sup> 6	2 <sup>0</sup> 57	W15
T 16	0 13 51	1 <sup>0</sup> 31'18	24 <sup>0</sup> 0	11 <sup>0</sup> 25	15 <sup>0</sup> 7	29 <sup>0</sup> 13	15 <sup>0</sup> 4	1 <sup>0</sup> 13	19 <sup>0</sup> 33	9 <sup>0</sup> 28	6 <sup>0</sup> 24	14 <sup>0</sup> 59	15 <sup>0</sup> 34	29 <sup>0</sup> 13	2 <sup>0</sup> 56	T 16
F 17	0 17 48	2 <sup>0</sup> 30'28	8 <sup>0</sup> 56	13 <sup>0</sup> 2	16 <sup>0</sup> 21	29 <sup>0</sup> 50	15 <sup>0</sup> 17	1 <sup>0</sup> 15	19 <sup>0</sup> 34	9 <sup>0</sup> 28	6 <sup>0</sup> 23	14 <sup>0</sup> 58	15 <sup>0</sup> 30	29 <sup>0</sup> 20	2 <sup>0</sup> 55	F 17
S 18	0 21 44	3 <sup>0</sup> 29'40	24 <sup>0</sup> 5	14 <sup>0</sup> 39	17 <sup>0</sup> 36	0 <sup>0</sup> 28	15 <sup>0</sup> 30	1 <sup>0</sup> 17	19 <sup>0</sup> 36	9 <sup>0</sup> 27	6 <sup>0</sup> 23	14 <sup>0</sup> 57	15 <sup>0</sup> 27	29 <sup>0</sup> 26	2 <sup>0</sup> 54	S 18
S 19	0 25 41	4 <sup>0</sup> 28'54	9 <sup>0</sup> 18	16 <sup>0</sup> 15	18 <sup>0</sup> 51	1 <sup>0</sup> 5	15 <sup>0</sup> 43	1 <sup>0</sup> 19	19 <sup>0</sup> 37	9 <sup>0</sup> 27	6 <sup>0</sup> 23	14 <sup>0</sup> D56	15 <sup>0</sup> 24	29 <sup>0</sup> 33	2 <sup>0</sup> 53	S 19
M20	0 29 37	5 <sup>0</sup> 28'10	24 <sup>0</sup> 25	17 <sup>0</sup> 50	20 <sup>0</sup> 6	1 <sup>0</sup> 43	15 <sup>0</sup> 55	1 <sup>0</sup> 21	19 <sup>0</sup> 39	9 <sup>0</sup> 26	6 <sup>0</sup> 22	14 <sup>0</sup> 56	15 <sup>0</sup> 21	29 <sup>0</sup> 39	2 <sup>0</sup> 51	M20
T 21	0 33 34	6 <sup>0</sup> 27'29	9 <sup>0</sup> 18	19 <sup>0</sup> 24	21 <sup>0</sup> 20	2 <sup>0</sup> 20	16 <sup>0</sup> 8	1 <sup>0</sup> 23	19 <sup>0</sup> 40	9 <sup>0</sup> 26	6 <sup>0</sup> 22	14 <sup>0</sup> 57	15 <sup>0</sup> 18	29 <sup>0</sup> 46	2 <sup>0</sup> 50	T 21
W22	0 37 30	7 <sup>0</sup> 26'49	23 <sup>0</sup> 49	20 <sup>0</sup> 57	22 <sup>0</sup> 35	2 <sup>0</sup> 57	16 <sup>0</sup> 21	1 <sup>0</sup> 26	19 <sup>0</sup> 42	9 <sup>0</sup> 25	6 <sup>0</sup> 21	14 <sup>0</sup> 57	15 <sup>0</sup> 15	29 <sup>0</sup> 53	2 <sup>0</sup> 49	W22
T 23	0 41 27	8 <sup>0</sup> 26'11	7 <sup>0</sup> 55	22 <sup>0</sup> 30	23 <sup>0</sup> 50	3 <sup>0</sup> 35	16 <sup>0</sup> 34	1 <sup>0</sup> 28	19 <sup>0</sup> 44	9 <sup>0</sup> 24	6 <sup>0</sup> 21	14 <sup>0</sup> 58	15 <sup>0</sup> 11	29 <sup>0</sup> 59	2 <sup>0</sup> 47	T 23
F 24	0 45 23	9 <sup>0</sup> 25'35	21 <sup>0</sup> 34	24 <sup>0</sup> 2	25 <sup>0</sup> 5	4 <sup>0</sup> 12	16 <sup>0</sup> 47	1 <sup>0</sup> 31	19 <sup>0</sup> 45	9 <sup>0</sup> 24	6 <sup>0</sup> 20	14 <sup>0</sup> 58	15 <sup>0</sup> 8	0 <sup>0</sup> Y 6	2 <sup>0</sup> 45	F 24
S 25	0 49 20	10 <sup>0</sup> 25'00	4 <sup>0</sup> 47	25 <sup>0</sup> 34	26 <sup>0</sup> 19	4 <sup>0</sup> 49	17 <sup>0</sup> 0	1 <sup>0</sup> 34	19 <sup>0</sup> 47	9 <sup>0</sup> 23	6 <sup>0</sup> 19	14 <sup>0</sup> 59	15 <sup>0</sup> 5	0 <sup>0</sup> 13	2 <sup>0</sup> 44	S 25
S 26	0 53 17	11 <sup>0</sup> 24'28	17 <sup>0</sup> 37	27 <sup>0</sup> 4	27 <sup>0</sup> 34	5 <sup>0</sup> 27	17 <sup>0</sup> 13	1 <sup>0</sup> 36	19 <sup>0</sup> 49	9 <sup>0</sup> 22	6 <sup>0</sup> 19	14 <sup>0</sup> R59	15 <sup>0</sup> 2	0 <sup>0</sup> 19	2 <sup>0</sup> 42	S 26
M27	0 57 13	12 <sup>0</sup> 23'57	0 <sup>0</sup> 8 8	28 <sup>0</sup> 34	28 <sup>0</sup> 49	6 <sup>0</sup> 4	17 <sup>0</sup> 26	1 <sup>0</sup> 39	19 <sup>0</sup> 51	9 <sup>0</sup> 22	6 <sup>0</sup> 18	14 <sup>0</sup> 59	14 <sup>0</sup> 59	0 <sup>0</sup> 26	2 <sup>0</sup> 40	M27
T 28	1 1 10	13 <sup>0</sup> 23'28	12 <sup>0</sup> 22	0 <sup>0</sup> 8 3	0 <sup>0</sup> 8 4	6 <sup>0</sup> 41	17 <sup>0</sup> 40	1 <sup>0</sup> 42	19 <sup>0</sup> 53	9 <sup>0</sup> 21	6 <sup>0</sup> 18	14 <sup>0</sup> 58	14 <sup>0</sup> 55	0 <sup>0</sup> 33	2 <sup>0</sup> 38	T 28
W29	1 5 6	14 <sup>0</sup> 23'00	24 <sup>0</sup> 25	1 <sup>0</sup> 32	1 <sup>0</sup> 19	7 <sup>0</sup> 18	17 <sup>0</sup> 53	1 <sup>0</sup> 45	19 <sup>0</sup> 55	9 <sup>0</sup> 20	6 <sup>0</sup> 17	14 <sup>0</sup> 58	14 <sup>0</sup> 52	0 <sup>0</sup> 39	2 <sup>0</sup> 37	W29
T 30	1 9 3	15 <sup>0</sup> 22'35	6 <sup>0</sup> 19	2 <sup>0</sup> 15	2 <sup>0</sup> 34	7 <sup>0</sup> 56	18 <sup>0</sup> 6	1 <sup>0</sup> 48	19 <sup>0</sup> 57	9 <sup>0</sup> 19	6 <sup>0</sup> 16	14 <sup>0</sup> D58	14 <sup>0</sup> 49	0 <sup>0</sup> Y46	2 <sup>0</sup> 35	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	5n14	11s58	4n31	7n20	1n39	13n46	1n 7	16n 4	1n13	3s41	1n 7	22s59	0n32	23s14	0s 9	20n25	1s33	11n 2	10s35	6s 0	6s27	0n33	16n58	3s57	
T 2	4 51	8 47	3 52	6 33	1 35	13 22	1 9	15 52	1 13	3 46	1 7	22 59	0 32	23 14	0 9	20 25	1 33	11 1	10 35	5 59	6 26	0 35	16 57	3 57	
F 3	4 28	5 16	3 4	5 47	1 32	12 57	1 10	15 41	1 13	3 51	1 7	22 59	0 32	23 14	0 9	20 25	1 33	11 1	10 35	5 57	6 25	0 37	16 57	3 58	
S 4	4 5	1 34	2 7	5 0	1 27	12 33	1 12	15 29	1 13	3 56	1 7	22 59	0 32	23 14	0 9	20 25	1 33	11 1	10 35	5 56	6 23	0 39	16 57	3 58	
S 5	3 41	2n11	1 6	4 13	1 23	12 8	1 13	15 17	1 14	4 1	1 7	22 59	0 31	23 14	0 9	20 25	1 33	11 1	10 35	5 55	6 22	0 40	16 56	3 59	
M 6	3 18	5 51	0 1	3 26	1 18	11 42	1 15	15 4	1 14	4 6	1 7	22 59	0 31	23 14	0 9	20 25	1 33	11 1	10 35	5 55	6 21	0 42	16 56	3 59	
T 7	2 55	9 18	1s 4	2 39	1 13	11 16	1 16	14 52	1 14	4 11	1 7	22 59	0 31	23 14	0 9	20 25	1 33	11 0	10 36	5 55	6 20	0 44	16 55	3 59	
W 8	2 32	12 23	2 7	1 52	1 7	10 50	1 17	14 40	1 14	4 16	1 7	23 0	0 31	23 14	0 9	20 25	1 33	11 0	10 36	5 55	6 18	0 46	16 55	4 0	
T 9	2 8	14 59	3 4	1 5	1 2	10 24	1 19	14 27	1 15	4 21	1 7	23 0	0 31	23 14	0 9	20 25	1 33	11 0	10 36	5 56	6 17	0 48	16 54	4 0	
F 10	1 45	16 57	3 55	0 18	0 56	9 57	1 20	14 15	1 15	4 26	1 7	23 0	0 31	23 15	0 9	20 24	1 33	11 0	10 36	5 57	6 16	0 50	16 54	4 0	
S 11	1 21	18 9	4 35	0s28	0 50	9 30	1 21	14 2	1 15	4 31	1 7	23 0	0 31	23 15	0 9	20 24	1 33	11 0	10 36	5 57	6 15	0 52	16 53	4 1	
S 12	0 58	18 27	5 3	1 15	0 43	9 3	1 22	13 50	1 15	4 36	1 7	23 0	0 31	23 15	0 9	20 24	1 33	10 59	10 37	5 57	6 14	0 54	16 53	4 1	
M13	0 34	17 46	5 16	2 1	0 37	8 35	1 23	13 37	1 15	4 41	1 6	23 0	0 30	23 15	0 9	20 24	1 33	10 59	10 37	5 57	6 12	0 55	16 52	4 2	
T 14	0 11	16 2	5 12	2 46	0 30	8 8	1 24	13 24	1 16	4 46	1 6	23 0	0 30	23 15	0 9	20 24	1 34	10 59	10 37	5 57	6 11	0 57	16 52	4 2	
W15	0s13	13 19	4 49	3 31	0 24	7 40	1 24	13 11	1 16	4 51	1 6	23 0	0 30	23 15	0 9	20 24	1 34	10 59	10 37	5 56	6 10	0 59	16 51	4 2	
T 16	0 36	9 41	4 7	4 16	0 17	7 11	1 25	12 58	1 16	4 56	1 6	23 0	0 30	23 15	0 9	20 24	1 34	10 58	10 37	5 55	6 9	1 1	16 51	4 3	
F 17	1 0	5 21	3 7	5 1	0 10	6 43	1 26	12 45	1 16	5 1	1 6	23 1	0 30	23 15	0 9	20 24	1 34	10 58	10 37	5 55	6 7	1 3	16 50	4 3	
S 18	1 24	0 37	1 53	5 45	0 3	6 14	1 26	12 32	1 17	5 6	1 6	23 1	0 30	23 15	0 9	20 24	1 34	10 58	10 38	5 54	6 6	1 5	16 49	4 3	
S 19	1 47	4s11	0 31	6 28	0s 4	5 45	1 27	12 19	1 17	5 11	1 6	23 1	0 30	23 15	0 9	20 24	1 34	10 58	10 38	5 54	6 5	1 7	16 49	4 4	
M20	2 11	8 41	0n52	7 10	0 11	5 16	1 27	12 6	1 17	5 16	1 6	23 1	0 30	23 16	0 9	20 23	1 34	10 57	10 38	5 54	6 4	1 9	16 48	4 4	
T 21	2 34	12 34	2 11	7 53	0 18	4 47	1 28	11 53	1 17	5 21	1 6	23 1	0 29	23 16	0 9	20 23	1 34	10 57	10 38	5 54	6 2	1 10	16 48	4 5	
W22	2 58	15 33	3 20	8 35	0 25	4 18	1 28	11 39	1 17	5 26	1 6	23 1	0 29	23 16	0 9	20 23	1 34	10 57	10 38	5 55	6 1	1 12	16 47	4 5	
T 23	3 21	17 31	4 14	9 17	0 32	3 49	1 28	11 26	1 18	5 31	1 6	23 1	0 29	23 16	0 9	20 23	1 34	10 57	10 38	5 55	6 0	1 14	16 46	4 5	
F 24	3 45	18 23	4 52	9 57	0 39	3 19	1 28	11 12	1 18	5 36	1 6	23 1	0 29	23 16	0 9	20 23	1 34	10 56	10 39	5 55	5 59	1 16	16 46	4 6	
S 25	4 8	18 13	5 13	10 37	0 46	2 49	1 29	10 59	1 18	5 41	1 6	23 1	0 29	23 16	0 9	20 23	1 34	10 56	10 39	5 55	5 58	1 18	16 45	4 6	
S 26	4 32	17 6	5 18	11 17	0 53	2 19	1 29	10 45	1 18	5 46	1 6	23 1	0 29	23 16	0 9	20 23	1 34	10 56	10 39	5 55	5 56	1 20	16 44	4 6	
M27	4 55	15 11	5 7	11 56	1 0	1 50	1 29	10 32	1 18	5 51	1 6	23 2	0 29	23 17	0 9	20 22	1 34	10 56	10 39	5 55	5 55	1 22	16 44	4 7	
T 28	5 18	12 37	4 43	12 34	1 7	1 20	1 29	10 18	1 19	5 56	1 6	23 2	0 29	23 17	0 9	20 22	1 34	10 55	10 39	5 55	5 54	1 24	16 43	4 7	
W29	5 41	9 34	4 6	13 11	1 13	0 50	1 28	10 4	1 19	6 1	1 6	23 2	0 28	23 17	0 9	20 22	1 34	10 55	10 39	5 55	5 53	1 25	16 42	4 7	
T 30	6s 4	6s 8	3n19	13s48	1s20	0n19	1n28	9n51	1n19	6s 6	1n 6	23s 2	0n28	23s17	0s 9	20n22	1s34	10n55	10s39	5s55	5s51	1n27	16n41	4s 8	

# ASTRODIENST EPHEMERIS for the year 1400

## geocentric

OCTOBER 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	1 12 59	16♂22'11	18♂ 9	4♂26	3♂49	8♂33	18♂19	1♂52	19♂59	9♂18	6♂16	14♂58	14♂46	0♂53	2♂33	F 1
S 2	1 16 56	17°21'50	29°57	5°52	5° 4	9°10	18°32	1°55	20° 1	9♂18	6♂15	14°58	14°43	0°59	2♂30	S 2
S 3	1 20 52	18°21'30	11♂45	7°18	6°19	9°47	18°45	1°58	20° 3	9°17	6°14	14°R59	14°40	1° 6	2°28	S 3
M 4	1 24 49	19°21'12	23°37	8°43	7°34	10°24	18°58	2° 2	20° 5	9°16	6°14	14°59	14°36	1°13	2°26	M 4
T 5	1 28 45	20°20'56	5♂35	10° 6	8°49	11° 1	19°11	2° 6	20° 7	9°15	6°13	14°58	14°33	1°19	2°24	T 5
W 6	1 32 42	21°20'43	17°39	11°29	10° 4	11°38	19°24	2° 9	20° 9	9°14	6°12	14°58	14°30	1°26	2°21	W 6
T 7	1 36 39	22°20'31	29°53	12°51	11°20	12°15	19°37	2°13	20°12	9°13	6°11	14°57	14°27	1°32	2°19	T 7
F 8	1 40 35	23°20'22	12♂18	14°12	12°35	12°52	19°50	2°17	20°14	9°12	6°10	14°56	14°24	1°39	2°17	F 8
S 9	1 44 32	24°20'15	24°57	15°32	13°50	13°29	20° 3	2°21	20°16	9°11	6°10	14°54	14°21	1°46	2°14	S 9
S 10	1 48 28	25°20'10	7♂52	16°51	15° 5	14° 6	20°16	2°25	20°19	9° 9	6° 9	14°54	14°17	1°52	2°12	S 10
M 11	1 52 25	26°20'07	21° 6	18° 9	16°20	14°43	20°29	2°29	20°21	9° 8	6° 8	14°D53	14°14	1°59	2° 9	M 11
T 12	1 56 21	27°20'07	4♂40	19°25	17°35	15°20	20°42	2°33	20°24	9° 7	6° 7	14°53	14°11	2° 6	2° 6	T 12
W 13	2 0 18	28°20'09	18°36	20°40	18°51	15°57	20°56	2°37	20°26	9° 6	6° 6	14°54	14° 8	2°12	2° 4	W 13
T 14	2 4 14	29°20'13	2♂54	21°54	20° 6	16°34	21° 9	2°41	20°29	9° 5	6° 5	14°55	14° 5	2°19	2° 1	T 14
F 15	2 8 11	0♂20'19	17°31	23° 5	21°21	17°11	21°22	2°46	20°31	9° 4	6° 5	14°56	14° 1	2°26	1°58	F 15
S 16	2 12 8	1°20'27	2♂24	24°15	22°37	17°48	21°35	2°50	20°34	9° 2	6° 4	14°57	13°58	2°32	1°55	S 16
S 17	2 16 4	2°20'37	17°25	25°22	23°52	18°25	21°48	2°55	20°37	9° 1	6° 3	14°R57	13°55	2°39	1°52	S 17
M 18	2 20 1	3°20'49	2♂26	26°28	25° 7	19° 1	22° 1	2°59	20°39	9° 0	6° 2	14°56	13°52	2°46	1°49	M 18
T 19	2 23 57	4°21'03	17°19	27°30	26°23	19°38	22°14	3° 4	20°42	8°58	6° 1	14°55	13°49	2°52	1°46	T 19
W 20	2 27 54	5°21'19	1♂56	28°30	27°38	20°15	22°26	3° 9	20°45	8°57	6° 0	14°52	13°46	2°59	1°43	W 20
T 21	2 31 50	6°21'36	16°10	29°26	28°53	20°52	22°39	3°14	20°48	8°56	5°59	14°49	13°42	3° 6	1°40	T 21
F 22	2 35 47	7°21'55	29°58	0♂19	0♂ 9	21°28	22°52	3°18	20°51	8°54	5°58	14°46	13°39	3°12	1°37	F 22
S 23	2 39 43	8°22'16	13♂19	1° 7	1°24	22° 5	23° 5	3°23	20°53	8°53	5°57	14°43	13°36	3°19	1°34	S 23
S 24	2 43 40	9°22'38	26°14	1°51	2°39	22°42	23°18	3°28	20°56	8°51	5°56	14°42	13°33	3°26	1°31	S 24
M 25	2 47 37	10°23'01	8♂47	2°29	3°55	23°18	23°31	3°33	20°59	8°50	5°55	14°D41	13°30	3°32	1°28	M 25
T 26	2 51 33	11°23'26	21° 1	3° 2	5°10	23°55	23°44	3°39	21° 2	8°49	5°54	14°41	13°27	3°39	1°25	T 26
W 27	2 55 30	12°23'52	3♂ 1	3°28	6°26	24°32	23°56	3°44	21° 5	8°47	5°53	14°43	13°23	3°45	1°21	W 27
T 28	2 59 26	13°24'20	14°53	3°46	7°41	25° 8	24° 9	3°49	21° 8	8°46	5°52	14°44	13°20	3°52	1°18	T 28
F 29	3 3 23	14°24'48	26°40	3°57	8°56	25°45	24°22	3°54	21°11	8°44	5°51	14°46	13°17	3°59	1°15	F 29
S 30	3 7 19	15°25'19	8♂28	3°R59	10°12	26°21	24°35	4° 0	21°14	8°43	5°50	14°47	13°14	4° 5	1°11	S 30
S 31	3 11 16	16♂25'50	20♂20	3♂52	11♂27	26♂57	24♂47	4♂ 5	21♂18	8♂41	5♂49	14°R47	13♂11	4♂12	1♂ 8	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	6s27	2s30	2n24	14s24	1s27	0s11	1n28	9n37	1n19	6s11	1n 6	23s 2	0n28	23s17	0s 9	20n22	1s34	10n55	10s40	5s55	5s50	1n29	16n41	4s 8	
S 2	6 50	1n14	1 23	14 59	1 33	0 41	1 28	9 23	1 19	6 16	1 6	23 2	0 28	23 17	0 9	20 22	1 34	10 55	10 40	5 55	5 49	1 31	16 40	4 8	
S 3	7 13	4 56	0 18	15 33	1 39	1 11	1 27	9 9	1 20	6 21	1 6	23 2	0 28	23 17	0 9	20 21	1 34	10 54	10 40	5 55	5 48	1 33	16 39	4 9	
M 4	7 36	8 27	0s48	16 7	1 46	1 41	1 27	8 55	1 20	6 26	1 6	23 2	0 28	23 18	0 9	20 21	1 34	10 54	10 40	5 55	5 46	1 35	16 39	4 9	
T 5	7 59	11 40	1 52	16 39	1 52	2 11	1 26	8 41	1 20	6 31	1 6	23 2	0 28	23 18	0 9	20 21	1 34	10 54	10 40	5 55	5 45	1 37	16 38	4 9	
W 6	8 21	14 24	2 52	17 11	1 57	2 42	1 25	8 27	1 20	6 36	1 6	23 2	0 28	23 18	0 9	20 21	1 34	10 54	10 40	5 55	5 44	1 38	16 37	4 10	
T 7	8 43	16 32	3 45	17 42	2 3	3 12	1 25	8 13	1 20	6 41	1 6	23 2	0 28	23 18	0 9	20 21	1 34	10 53	10 40	5 54	5 43	1 40	16 36	4 10	
F 8	9 6	17 55	4 28	18 12	2 8	3 42	1 24	7 59	1 21	6 46	1 6	23 2	0 27	23 18	0 9	20 21	1 34	10 53	10 40	5 54	5 42	1 42	16 35	4 10	
S 9	9 28	18 27	4 58	18 40	2 14	4 12	1 23	7 45	1 21	6 51	1 6	23 2	0 27	23 18	0 9	20 20	1 34	10 53	10 41	5 53	5 40	1 44	16 35	4 11	
S 10	9 50	18 2	5 15	19 8	2 19	4 42	1 22	7 31	1 21	6 56	1 6	23 2	0 27	23 19	0 9	20 20	1 35	10 53	10 41	5 53	5 39	1 46	16 34	4 11	
M11	10 12	16 39	5 16	19 35	2 23	5 11	1 21	7 17	1 21	7 1	1 6	23 2	0 27	23 19	0 9	20 20	1 35	10 52	10 41	5 53	5 38	1 48	16 33	4 11	
T 12	10 33	14 19	4 59	20 0	2 28	5 41	1 20	7 3	1 21	7 6	1 6	23 2	0 27	23 19	0 9	20 20	1 35	10 52	10 41	5 53	5 37	1 50	16 32	4 12	
W13	10 55	11 6	4 24	20 25	2 32	6 11	1 19	6 48	1 21	7 11	1 6	23 3	0 27	23 19	0 9	20 20	1 35	10 52	10 41	5 53	5 35	1 51	16 31	4 12	
T 14	11 16	7 10	3 33	20 48	2 35	6 40	1 18	6 34	1 22	7 16	1 6	23 3	0 27	23 19	0 9	20 19	1 35	10 52	10 41	5 54	5 34	1 53	16 31	4 12	
F 15	11 38	2 42	2 26	21 10	2 39	7 10	1 17	6 20	1 22	7 21	1 6	23 3	0 27	23 20	0 9	20 19	1 35	10 51	10 41	5 54	5 33	1 55	16 30	4 12	
S 16	11 59	2s 1	1 9	21 30	2 41	7 39	1 16	6 6	1 22	7 25	1 6	23 3	0 26	23 20	0 9	20 19	1 35	10 51	10 41	5 54	5 32	1 57	16 29	4 13	
S 17	12 19	6 39	0n14	21 49	2 44	8 8	1 15	5 51	1 22	7 30	1 6	23 3	0 26	23 20	0 9	20 19	1 35	10 51	10 41	5 54	5 30	1 59	16 28	4 13	
M18	12 40	10 52	1 35	22 6	2 46	8 37	1 13	5 37	1 22	7 35	1 6	23 3	0 26	23 20	0 9	20 18	1 35	10 51	10 42	5 54	5 29	2 1	16 27	4 13	
T 19	13 1	14 21	2 50	22 22	2 47	9 6	1 12	5 23	1 22	7 40	1 6	23 3	0 26	23 20	0 9	20 18	1 35	10 50	10 42	5 54	5 28	2 3	16 26	4 14	
W20	13 21	16 50	3 51	22 37	2 48	9 34	1 11	5 8	1 22	7 45	1 6	23 3	0 26	23 21	0 9	20 18	1 35	10 50	10 42	5 53	5 27	2 4	16 26	4 14	
T 21	13 41	18 12	4 37	22 49	2 48	10 2	1 9	4 54	1 23	7 50	1 6	23 3	0 26	23 21	0 9	20 18	1 35	10 50	10 42	5 51	5 25	2 6	16 25	4 14	
F 22	14 1	18 26	5 5	23 0	2 47	10 30	1 7	4 39	1 23	7 54	1 6	23 3	0 26	23 21	0 9	20 18	1 35	10 50	10 42	5 50	5 24	2 8	16 24	4 14	
S 23	14 20	17 37	5 15	23 9	2 45	10 58	1 6	4 25	1 23	7 59	1 6	23 3	0 26	23 21	0 9	20 17	1 35	10 49	10 42	5 49	5 23	2 10	16 23	4 15	
S 24	14 40	15 55	5 9	23 15	2 43	11 26	1 4	4 11	1 23	8 4	1 6	23 3	0 26	23 21	0 9	20 17	1 35	10 49	10 42	5 48	5 22	2 12	16 22	4 15	
M25	14 59	13 29	4 48	23 20	2 40	11 53	1 3	3 56	1 23	8 9	1 6	23 3	0 26	23 22	0 9	20 17	1 35	10 49	10 42	5 48	5 21	2 14	16 21	4 15	
T 26	15 18	10 31	4 14	23 22	2 35	12 20	1 1	3 42	1 23	8 13	1 6	23 2	0 25	23 22	0 9	20 17	1 35	10 49	10 42	5 48	5 19	2 16	16 20	4 15	
W27	15 36	7 10	3 30	23 21	2 30	12 46	0 59	3 27	1 23	8 18	1 6	23 2	0 25	23 22	0 9	20 16	1 35	10 48	10 42	5 49	5 18	2 17	16 20	4 15	
T 28	15 55	3 34	2 37	23 18	2 23	13 13	0 57	3 13	1 24	8 23	1 6	23 2	0 25	23 22	0 9	20 16	1 35	10 48	10 42	5 50	5 17	2 19	16 19	4 16	
F 29	16 13	0n10	1 38	23 12	2 14	13 39	0 55	2 59	1 24	8 27	1 6	23 2	0 25	23 22	0 9	20 16	1 35	10 48	10 42	5 50	5 16	2 21	16 18	4 16	
S 30	16 31	3 54	0 35	23 3	2 5	14 5	0 54	2 44	1 24	8 32	1 6	23 2	0 25	23 23	0 9	20 16	1 35	10 48	10 42	5 51	5 14	2 23	16 17	4 16	
S 31	16s48	7n30	0s30	22s51	1s54	14s30	0n52	2n30	1n24	8s37	1n 6	23s 2	0n25	23s23	0s 9	20n15	1s35	10n48	10s42	5s51	5s13	2n25	16n16	4s16	

# ASTRODIENST EPHEMERIS for the year 1400

## geocentric

NOVEMBER 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	3 15 12	17 <sup>11</sup> 26'24	2 <sup>8</sup> 18	3°R35	12 <sup>11</sup> 43	27 <sup>11</sup> 34	25 <sup>11</sup> 0	4 <sup>3</sup> 11	21 <sup>11</sup> 21	8°R39	5°R47	14°R46	13 <sup>11</sup> 7	4 <sup>11</sup> 19	1°R 5	M 1
T 2	3 19 9	18°26'58	14°26	3 <sup>11</sup> 7	13°58	28°10	25°12	4°16	21°24	8 <sup>11</sup> 38	5 <sup>11</sup> 46	14 <sup>11</sup> 43	13° 4	4°25	1 <sup>11</sup> 1	T 2
W 3	3 23 6	19°27'34	26°45	2°29	15°14	28°47	25°25	4°22	21°27	8°36	5°45	14°38	13° 1	4°32	0°58	W 3
T 4	3 27 2	20°28'12	9 <sup>11</sup> 15	1°40	16°29	29°23	25°37	4°28	21°30	8°35	5°44	14°32	12°58	4°39	0°54	T 4
F 5	3 30 59	21°28'51	21°58	0°41	17°45	29°59	25°50	4°33	21°34	8°33	5°43	14°25	12°55	4°45	0°51	F 5
S 6	3 34 55	22°29'32	4 <sup>11</sup> 53	29 <sup>11</sup> 34	19° 0	0 <sup>11</sup> 35	26° 2	4°39	21°37	8°32	5°42	14°18	12°52	4°52	0°47	S 6
S 7	3 38 52	23°30'14	18° 1	28°20	20°15	1°12	26°15	4°45	21°40	8°30	5°41	14°13	12°48	4°59	0°44	S 7
M 8	3 42 48	24°30'58	1 <sup>11</sup> 23	27° 0	21°31	1°48	26°27	4°51	21°43	8°28	5°40	14° 9	12°45	5° 5	0°40	M 8
T 9	3 46 45	25°31'44	14°58	25°38	22°46	2°24	26°39	4°57	21°47	8°27	5°39	14° 6	12°42	5°12	0°37	T 9
W10	3 50 41	26°32'31	28°46	24°16	24° 2	3° 0	26°51	5° 3	21°50	8°25	5°37	14°D 6	12°39	5°18	0°33	W10
T 11	3 54 38	27°33'19	12 <sup>11</sup> 49	22°57	25°17	3°36	27° 4	5° 9	21°53	8°23	5°36	14° 7	12°36	5°25	0°30	T 11
F 12	3 58 35	28°34'10	27° 6	21°44	26°33	4°12	27°16	5°15	21°57	8°22	5°35	14° 8	12°32	5°32	0°26	F 12
S 13	4 2 31	29°35'01	11 <sup>11</sup> 34	20°38	27°48	4°48	27°28	5°21	22° 0	8°20	5°34	14°R 9	12°29	5°38	0°22	S 13
S 14	4 6 28	0 <sup>11</sup> 35'54	26°10	19°42	29° 4	5°24	27°40	5°27	22° 4	8°18	5°33	14° 8	12°26	5°45	0°19	S 14
M15	4 10 24	1°36'49	10 <sup>11</sup> 50	18°57	0 <sup>11</sup> 19	6° 0	27°52	5°34	22° 7	8°17	5°32	14° 5	12°23	5°52	0°15	M15
T 16	4 14 21	2°37'44	25°26	18°22	1°35	6°36	28° 4	5°40	22°11	8°15	5°31	14° 0	12°20	5°58	0°12	T 16
W17	4 18 17	3°38'41	9 <sup>11</sup> 53	18° 0	2°51	7°12	28°16	5°46	22°14	8°13	5°29	13°53	12°17	6° 5	0° 8	W17
T 18	4 22 14	4°39'39	24° 3	17°48	4° 6	7°48	28°27	5°53	22°17	8°11	5°28	13°44	12°13	6°12	0° 5	T 18
F 19	4 26 10	5°40'38	7 <sup>11</sup> 51	17°D48	5°22	8°24	28°39	5°59	22°21	8°10	5°27	13°35	12°10	6°18	0° 1	F 19
S 20	4 30 7	6°41'38	21°15	17°57	6°37	9° 0	28°51	6° 5	22°25	8° 8	5°26	13°27	12° 7	6°25	29 <sup>11</sup> 58	S 20
S 21	4 34 4	7°42'38	4 <sup>11</sup> 14	18°16	7°53	9°35	29° 2	6°12	22°28	8° 6	5°25	13°20	12° 4	6°32	29°54	S 21
M22	4 38 0	8°43'39	16°50	18°44	9° 8	10°11	29°14	6°18	22°32	8° 5	5°24	13°15	12° 1	6°38	29°51	M22
T 23	4 41 57	9°44'41	29° 6	19°19	10°24	10°47	29°25	6°25	22°35	8° 3	5°23	13°12	11°58	6°45	29°47	T 23
W24	4 45 53	10°45'43	11 <sup>11</sup> 7	20° 0	11°39	11°22	29°37	6°32	22°39	8° 1	5°21	13°D12	11°54	6°52	29°44	W24
T 25	4 49 50	11°46'45	22°59	20°48	12°55	11°58	29°48	6°38	22°42	8° 0	5°20	13°12	11°51	6°58	29°40	T 25
F 26	4 53 46	12°47'48	4 <sup>11</sup> 46	21°41	14°10	12°33	29°59	6°45	22°46	7°58	5°19	13°13	11°48	7° 5	29°37	F 26
S 27	4 57 43	13°48'52	16°34	22°39	15°26	13° 9	0 <sup>11</sup> 10	6°51	22°49	7°56	5°18	13°R13	11°45	7°11	29°33	S 27
S 28	5 1 39	14°49'56	28°29	23°40	16°41	13°44	0°22	6°58	22°53	7°54	5°17	13°12	11°42	7°18	29°30	S 28
M29	5 5 36	15°51'01	10 <sup>11</sup> 34	24°46	17°57	14°20	0°33	7° 5	22°57	7°53	5°16	13° 8	11°38	7°25	29°26	M29
T 30	5 9 33	16 <sup>11</sup> 52'06	22 <sup>11</sup> 52	25 <sup>11</sup> 54	19 <sup>11</sup> 12	14 <sup>11</sup> 55	0 <sup>11</sup> 43	7 <sup>11</sup> 12	23 <sup>11</sup> 0	7 <sup>11</sup> 51	5 <sup>11</sup> 15	13 <sup>11</sup> 2	11 <sup>11</sup> 35	7 <sup>11</sup> 31	29 <sup>11</sup> 23	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17s 5	10n50	1s35	22s35	1s41	14s55	0n50	2n15	1n24	8s41	1n 6	23s 2	0n25	23s23	0s 9	20n15
T 2	17 22	13 45	2 35	22 15	1 26	15 19	0 48	2 1	1 24	8 46	1 6	23 2	0 25	23 23	0 9	20 15
W 3	17 39	16 6	3 29	21 52	1 10	15 44	0 46	1 47	1 24	8 50	1 6	23 2	0 25	23 23	0 9	20 15
T 4	17 55	17 43	4 14	21 25	0 53	16 7	0 44	1 32	1 24	8 55	1 6	23 2	0 24	23 24	0 9	20 14
F 5	18 11	18 29	4 47	20 55	0 34	16 31	0 41	1 18	1 25	8 59	1 6	23 2	0 24	23 24	0 9	20 14
S 6	18 27	18 19	5 6	20 22	0 15	16 54	0 39	1 4	1 25	9 4	1 6	23 2	0 24	23 24	0 9	20 14
S 7	18 42	17 11	5 10	19 45	0n 6	17 16	0 37	0 49	1 25	9 8	1 6	23 2	0 24	23 24	0 9	20 14
M 8	18 58	15 5	4 57	19 7	0 26	17 38	0 35	0 35	1 25	9 12	1 6	23 1	0 24	23 25	0 9	20 13
T 9	19 12	12 9	4 27	18 28	0 47	18 0	0 33	0 21	1 25	9 17	1 6	23 1	0 24	23 25	0 9	20 13
W10	19 27	8 29	3 41	17 50	1 6	18 21	0 30	0 6	1 25	9 21	1 6	23 1	0 24	23 25	0 9	20 13
T 11	19 41	4 17	2 42	17 12	1 25	18 41	0 28	0s 8	1 25	9 26	1 6	23 1	0 24	23 25	0 9	20 12
F 12	19 54	0s14	1 31	16 37	1 41	19 1	0 26	0 22	1 25	9 30	1 6	23 1	0 24	23 25	0 9	20 12
S 13	20 7	4 48	0 14	16 6	1 56	19 21	0 24	0 37	1 25	9 34	1 6	23 1	0 24	23 26	0 9	20 12
S 14	20 20	9 8	1n 5	15 39	2 9	19 40	0 21	0 51	1 26	9 38	1 7	23 1	0 24	23 26	0 9	20 12
M15	20 33	12 55	2 19	15 16	2 20	19 58	0 19	1 5	1 26	9 43	1 7	23 0	0 23	23 26	0 9	20 11
T 16	20 45	15 53	3 24	14 59	2 28	20 16	0 17	1 19	1 26	9 47	1 7	23 0	0 23	23 26	0 9	20 11
W17	20 57	17 48	4 15	14 47	2 34	20 34	0 14	1 33	1 26	9 51	1 7	23 0	0 23	23 26	0 9	20 11
T 18	21 8	18 34	4 49	14 39	2 39	20 50	0 12	1 47	1 26	9 55	1 7	23 0	0 23	23 27	0 9	20 11
F 19	21 19	18 12	5 5	14 37	2 41	21 6	0 10	2 1	1 26	9 59	1 7	23 0	0 23	23 27	0 9	20 10
S 20	21 30	16 49	5 4	14 38	2 42	21 22	0 7	2 16	1 26	10 3	1 7	22 59	0 23	23 27	0 9	20 10
S 21	21 40	14 37	4 47	14 44	2 42	21 37	0 5	2 30	1 26	10 7	1 7	22 59	0 23	23 27	0 9	20 10
M22	21 50	11 46	4 16	14 53	2 40	21 51	0 2	2 44	1 26	10 11	1 7	22 59	0 23	23 27	0 9	20 10
T 23	21 59	8 29	3 34	15 5	2 37	22 5	0 0	2 57	1 26	10 15	1 7	22 59	0 23	23 28	0 9	20 9
W24	22 8	4 54	2 44	15 20	2 33	22 18	0s 2	3 11	1 26	10 19	1 7	22 59	0 23	23 28	0 9	20 9
T 25	22 16	1 10	1 47	15 37	2 29	22 30	0 5	3 25	1 26	10 23	1 7	22 58	0 23	23 28	0 9	20 9
F 26	22 24	2n35	0 45	15 56	2 24	22 41	0 7	3 39	1 26	10 27	1 8	22 58	0 22	23 28	0 9	20 8
S 27	22 32	6 16	0s18	16 16	2 18	22 52	0 10	3 53	1 26	10 31	1 8	22 58	0 22	23 28	0 9	20 8
S 28	22 39	9 43	1 21	16 37	2 12	23 3	0 12	4 6	1 26	10 35	1 8	22 58	0 22	23 29	0 9	20 8
M29	22 46	12 48	2 21	17 0	2 5	23 12	0 14	4 20	1 27	10 38	1 8	22 57	0 22	23 29	0 9	20 8
T 30	22s52	15n24	3s15	17s23	1n58	23s21	0s17	4s34	1n27	10s42	1n 8	22s57	0n22	23s29	0s 9	20n 7

Julian Day Number = 2232712.5, Delta T = 07m52s

Ecliptic obliquity = 23°30'53, Nutation = 0°00'02, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°22'56, Lahiri = 15°29'56 Julian Calendar 1 Nov. 1400 == Greg. Calendar 10 Nov. 1400

# ASTRODIENST EPHEMERIS for the year 1400

## geocentric

DECEMBER 1400 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	5 13 29	17°53'12	5°11'25	27°11'5	20°28'28	15°30'15	0°54'18	7°18'18	23°4'4	7°49'49	5°13'13	12°53'12	11°32'32	7°38'38	29°20'20	W 1
T 2	5 17 26	18°54'18	18°14'18	28°19'19	21°43'43	16°5'5	1°5'5	7°25'25	23°7'7	7°11'48	5°11'12	12°42'42	11°29'29	7°45'45	29°16'16	T 2
F 3	5 21 22	19°55'24	18°20'20	29°35'35	22°59'59	16°40'40	1°16'16	7°32'32	23°11'11	7°46'46	5°11'11	12°30'30	11°26'26	7°51'51	29°13'13	F 3
S 4	5 25 19	20°56'31	14°39'39	0°52'52	24°14'14	17°16'16	1°26'26	7°39'39	23°15'15	7°44'44	5°10'10	12°18'18	11°23'23	7°58'58	29°10'10	S 4
S 5	5 29 15	21°57'39	28°11'11	2°11'11	25°30'30	17°51'51	1°37'37	7°46'46	23°18'18	7°43'43	5°9'9	12°7'7	11°19'19	8°5'5	29°7'7	S 5
M 6	5 33 12	22°58'47	11°52'52	3°32'32	26°45'45	18°26'26	1°47'47	7°53'53	23°22'22	7°41'41	5°8'8	11°58'58	11°16'16	8°11'11	29°3'3	M 6
T 7	5 37 8	23°59'56	25°40'40	4°54'54	28°1'1	19°1'1	1°58'58	8°0'0	23°26'26	7°40'40	5°7'7	11°53'53	11°13'13	8°18'18	29°0'0	T 7
W 8	5 41 5	25°1'06	9°11'35	6°17'17	29°16'16	19°36'36	2°8'8	8°7'7	23°29'29	7°38'38	5°6'6	11°50'50	11°10'10	8°25'25	28°57'57	W 8
T 9	5 45 2	26°2'16	23°35'35	7°40'40	0°32'32	20°11'11	2°18'18	8°14'14	23°33'33	7°36'36	5°5'5	11°49'49	11°7'7	8°31'31	28°54'54	T 9
F 10	5 48 58	27°3'26	7°40'40	9°5'5	1°47'47	20°45'45	2°28'28	8°21'21	23°36'36	7°35'35	5°4'4	11°49'49	11°4'4	8°38'38	28°51'51	F 10
S 11	5 52 55	28°4'37	21°48'48	10°31'31	3°2'2	21°20'20	2°38'38	8°28'28	23°40'40	7°33'33	5°3'3	11°49'49	11°0'0	8°44'44	28°48'48	S 11
S 12	5 56 51	29°5'49	6°11'0	11°57'57	4°18'18	21°55'55	2°48'48	8°35'35	23°44'44	7°32'32	5°2'2	11°47'47	10°57'57	8°51'51	28°45'45	S 12
M13	6 0 48	0°3'7'01	20°12'12	13°24'24	5°33'33	22°29'29	2°58'58	8°42'42	23°47'47	7°30'30	5°0'0	11°42'42	10°54'54	8°58'58	28°42'42	M13
T 14	6 4 44	1°8'13	4°12'22	14°52'52	6°49'49	23°4'4	3°7'7	8°49'49	23°51'51	7°29'29	4°59'59	11°34'34	10°51'51	9°4'4	28°39'39	T 14
W15	6 8 41	2°9'26	18°22'22	16°20'20	8°4'8	23°39'39	3°17'17	8°56'56	23°54'54	7°27'27	4°58'58	11°24'24	10°48'48	9°11'11	28°37'37	W15
T 16	6 12 37	3°10'38	2°3'15	17°49'49	9°20'20	24°13'13	3°26'26	9°3'3	23°58'58	7°26'26	4°57'57	11°11'11	10°44'44	9°18'18	28°34'34	T 16
F 17	6 16 34	4°11'51	15°50'50	19°18'18	10°35'35	24°47'47	3°35'35	9°10'10	24°2'2	7°24'24	4°56'56	10°58'58	10°41'41	9°24'24	28°31'31	F 17
S 18	6 20 31	5°13'03	29°6'6	20°47'47	11°51'51	25°22'22	3°45'45	9°17'17	24°5'5	7°23'23	4°55'55	10°45'45	10°38'38	9°31'31	28°28'28	S 18
S 19	6 24 27	6°14'16	12°1'1	22°18'18	13°6'6	25°56'56	3°54'54	9°24'24	24°9'9	7°21'21	4°54'54	10°34'34	10°35'35	9°38'38	28°26'26	S 19
M20	6 28 24	7°15'27	24°35'35	23°48'48	14°22'22	26°30'30	4°3'3	9°31'31	24°12'12	7°20'20	4°54'54	10°25'25	10°32'32	9°44'44	28°23'23	M20
T 21	6 32 20	8°16'39	6°15'52	25°19'19	15°37'37	27°4'4	4°12'12	9°38'38	24°16'16	7°18'18	4°53'53	10°20'20	10°29'29	9°51'51	28°21'21	T 21
W22	6 36 17	9°17'50	18°54'54	26°51'51	16°52'52	27°38'38	4°20'20	9°45'45	24°19'19	7°17'17	4°52'52	10°17'17	10°25'25	9°58'58	28°18'18	W22
T 23	6 40 13	10°19'00	0°16'46	28°23'23	18°8'8	28°12'12	4°29'29	9°52'52	24°23'23	7°15'15	4°51'51	10°15'15	10°22'22	10°4'4	28°16'16	T 23
F 24	6 44 10	11°20'10	12°33'33	29°55'55	19°23'23	28°46'46	4°37'37	9°59'59	24°26'26	7°14'14	4°50'50	10°15'15	10°19'19	10°11'11	28°14'14	F 24
S 25	6 48 6	12°21'20	24°22'22	1°32'28	20°38'38	29°20'20	4°46'46	10°6'6	24°30'30	7°13'13	4°49'49	10°15'15	10°16'16	10°18'18	28°11'11	S 25
S 26	6 52 3	13°22'28	6°17'17	3°1'1	21°54'54	29°54'54	4°54'54	10°13'13	24°33'33	7°11'11	4°48'48	10°13'13	10°13'13	10°24'24	28°9'9	S 26
M27	6 56 0	14°23'36	18°24'24	4°35'35	23°9'9	0°11'27	5°2'2	10°20'20	24°37'37	7°10'10	4°47'47	10°10'10	10°10'10	10°31'31	28°7'7	M27
T 28	6 59 56	15°24'44	0°11'48	6°9'9	24°25'25	1°1'1	5°10'10	10°28'28	24°40'40	7°9'9	4°46'46	10°3'3	10°6'6	10°37'37	28°5'5	T 28
W29	7 3 53	16°25'51	13°31'31	7°44'44	25°40'40	1°34'34	5°18'18	10°35'35	24°44'44	7°8'8	4°46'46	9°54'54	10°3'3	10°44'44	28°3'3	W29
T 30	7 7 49	17°26'57	26°35'35	9°19'19	26°55'55	2°8'8	5°26'26	10°42'42	24°47'47	7°6'6	4°45'45	9°42'42	10°0'0	10°51'51	28°1'1	T 30
F 31	7 11 46	18°28'02	10°5'0	10°35'55	28°3'10	2°11'41	5°11'33	10°49'49	24°51'51	7°11'11	4°44'44	9°42'42	10°5'5	10°57'57	27°59'59	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	22s58	17n19	4s 1	17s46	1n51	23s29	0s19	4s47	1n27	10s46	1n 8	22s57	0n22	23s29	0s 9	20n 7
T 2	23 3	18 25	4 36	18 10	1 44	23 37	0 21	5 1	1 27	10 49	1 8	22 56	0 22	23 29	0 9	20 7
F 3	23 8	18 34	4 57	18 34	1 36	23 43	0 24	5 14	1 27	10 53	1 8	22 56	0 22	23 30	0 9	20 7
S 4	23 12	17 42	5 2	18 57	1 28	23 49	0 26	5 28	1 27	10 57	1 8	22 56	0 22	23 30	0 9	20 6
S 5	23 16	15 51	4 51	19 21	1 21	23 54	0 28	5 41	1 27	11 0	1 8	22 55	0 22	23 30	0 9	20 6
M 6	23 20	13 5	4 23	19 44	1 13	23 59	0 30	5 55	1 27	11 4	1 9	22 55	0 22	23 30	0 9	20 6
T 7	23 23	9 34	3 39	20 7	1 5	24 3	0 33	6 8	1 27	11 7	1 9	22 55	0 22	23 30	0 9	20 6
W 8	23 25	5 30	2 42	20 29	0 57	24 6	0 35	6 21	1 27	11 11	1 9	22 54	0 21	23 31	0 9	20 6
T 9	23 27	1 6	1 35	20 51	0 49	24 8	0 37	6 34	1 27	11 14	1 9	22 54	0 21	23 31	0 9	20 5
F 10	23 29	3s23	0 22	21 12	0 41	24 9	0 39	6 47	1 27	11 17	1 9	22 54	0 21	23 31	0 9	20 5
S 11	23 30	7 42	0n53	21 33	0 33	24 10	0 41	7 0	1 27	11 21	1 9	22 53	0 21	23 31	0 9	20 5
S 12	23 31	11 36	2 4	21 52	0 26	24 10	0 44	7 13	1 27	11 24	1 9	22 53	0 21	23 31	0 9	20 5
M13	23 31	14 50	3 8	22 11	0 18	24 9	0 46	7 26	1 27	11 27	1 9	22 53	0 21	23 32	0 9	20 4
T 14	23 31	17 9	4 0	22 29	0 11	24 8	0 48	7 39	1 27	11 30	1 10	22 52	0 21	23 32	0 9	20 4
W15	23 30	18 24	4 37	22 46	0 3	24 6	0 50	7 52	1 27	11 33	1 10	22 52	0 21	23 32	0 9	20 4
T 16	23 29	18 33	4 59	23 1	0s 4	24 3	0 52	8 5	1 27	11 36	1 10	22 51	0 21	23 32	0 10	20 4
F 17	23 27	17 37	4 57	23 16	0 11	23 59	0 54	8 17	1 27	11 39	1 10	22 51	0 21	23 32	0 10	20 3
S 18	23 25	15 45	4 46	23 30	0 19	23 54	0 56	8 30	1 27	11 42	1 10	22 51	0 21	23 32	0 10	20 3
S 19	23 22	13 8	4 17	23 43	0 25	23 49	0 57	8 42	1 27	11 45	1 10	22 50	0 21	23 33	0 10	20 3
M20	23 19	9 58	3 37	23 54	0 32	23 43	0 59	8 55	1 27	11 48	1 10	22 50	0 21	23 33	0 10	20 3
T 21	23 15	6 26	2 47	24 5	0 39	23 37	1 1	9 7	1 27	11 51	1 10	22 49	0 20	23 33	0 10	20 3
W22	23 11	2 43	1 51	24 14	0 45	23 29	1 3	9 19	1 26	11 54	1 11	22 49	0 20	23 33	0 10	20 2
T 23	23 7	1n 4	0 50	24 22	0 52	23 21	1 5	9 31	1 26	11 57	1 11	22 48	0 20	23 33	0 10	20 2
F 24	23 2	4 47	0s12	24 28	0 58	23 12	1 6	9 44	1 26	11 59	1 11	22 48	0 20	23 33	0 10	20 2
S 25	22 56	8 20	1 14	24 34	1 3	23 2	1 8	9 56	1 26	12 2	1 11	22 48	0 20	23 34	0 10	20 2
S 26	22 50	11 34	2 13	24 38	1 9	22 52	1 9	10 7	1 26	12 5	1 11	22 47	0 20	23 34	0 10	20 2
M27	22 44	14 21	3 7	24 41	1 15	22 41	1 11	10 19	1 26	12 7	1 11	22 47	0 20	23 34	0 10	20 2
T 28	22 37	16 34	3 54	24 42	1 20	22 29	1 12	10 31	1 26	12 10	1 11	22 46	0 20	23 34	0 10	20 1
W29	22 30	18 2	4 30	24 42	1 25	22 17	1 14	10 43	1 26	12 12	1 12	22 46	0 20	23 34	0 10	20 1
T 30	22 22	18 35	4 53	24 40	1 29	22 4	1 15	10 54	1 26	12 15	1 12	22 45	0 20	23 34	0 10	20 1
F 31	22s14	18n 8	5s 1	24s38	1s34	21s50	1s16	11s 6	1n26	12s17	1n12	22s45	0n20	23s34	0s10	20n 1

Julian Day Number = 2232742.5, Delta T = 07m51s

Ecliptic obliquity = 23°30'52, Nutation = 0°00'03, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°23'00, Lahiri = 15°30'00 Julian Calendar 1 Dec. 1400 == Greg. Calendar 10 Dec. 1400