



Astrodienst Ephemeris Tables for the year 1486

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 1486
geocentric

JANUARY 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 17 19	19°51'04	22°11'53	6°56'56	23°55'53	21°36'36	27°30'30	7°59'59	29°56'56	15°19'19	19°3'3	14°R43	15°52'52	19°11'43	4°37'37	S 1
M 2	7 21 16	20°52'11	4°47'48	8°29'29	25°6'6	22°20'20	27°43'43	8°5'5	29°59'59	15°20'20	19°3'3	14°35'35	15°49'49	19°49'49	4°38'38	M 2
T 3	7 25 12	21°53'18	16°51'51	10°2'2	26°19'19	23°4'4	27°57'57	8°11'11	0°3'3	15°22'22	19°4'4	14°26'26	15°46'46	19°56'56	4°40'40	T 3
W 4	7 29 9	22°54'25	29°4'4	11°36'36	27°33'33	23°48'48	28°10'10	8°17'17	0°6'6	15°24'24	19°4'4	14°16'16	15°43'43	20°3'3	4°41'41	W 4
T 5	7 33 5	23°55'31	11°38'28	13°10'10	28°46'46	24°32'32	28°23'23	8°22'22	0°9'9	15°26'26	19°4'4	14°6'6	15°40'40	20°10'10	4°43'43	T 5
F 6	7 37 2	24°56'36	24°6'6	14°45'45	29°59'59	25°17'17	28°36'36	8°28'28	0°13'13	15°28'28	19°5'5	13°56'56	15°36'36	20°16'16	4°44'44	F 6
S 7	7 40 59	25°57'40	6°55'55	16°20'20	1°12'12	26°1'1	28°49'49	8°33'33	0°16'16	15°30'30	19°5'5	13°49'49	15°33'33	20°23'23	4°46'46	S 7
S 8	7 44 55	26°58'44	19°57'57	17°56'56	2°26'26	26°45'45	29°2'2	8°39'39	0°19'19	15°32'32	19°5'5	13°44'44	15°30'30	20°30'30	4°48'48	S 8
M 9	7 48 52	27°59'46	3°10'10	19°33'33	3°39'39	27°30'30	29°15'15	8°44'44	0°23'23	15°34'34	19°5'5	13°41'41	15°27'27	20°36'36	4°50'50	M 9
T 10	7 52 48	29°0'47	16°33'33	21°10'10	4°52'52	28°14'14	29°28'28	8°50'50	0°26'26	15°35'35	19°5'5	13°D41	15°24'24	20°43'43	4°52'52	T 10
W 11	7 56 45	0°1'47	0°1'8	22°48'48	6°5'5	28°58'58	29°41'41	8°55'55	0°29'29	15°37'37	19°5'5	13°42'42	15°21'21	20°50'50	4°54'54	W 11
T 12	8 0 41	1°2'46	13°53'53	24°26'26	7°17'17	29°43'43	29°54'54	9°0'0	0°33'33	15°39'39	19°R 5	13°43'43	15°17'17	20°56'56	4°56'56	T 12
F 13	8 4 38	2°3'44	27°50'50	26°5'5	8°30'30	0°27'27	0°3'6	9°5'5	0°36'36	15°40'40	19°5'5	13°R44	15°14'14	21°3'3	4°58'58	F 13
S 14	8 8 34	3°4'41	11°57'57	27°45'45	9°43'43	1°12'12	0°19'19	9°10'10	0°39'39	15°42'42	19°5'5	13°44'44	15°11'11	21°10'10	5°0'0	S 14
S 15	8 12 31	4°5'36	26°13'13	29°26'26	10°56'56	1°56'56	0°32'32	9°16'16	0°42'42	15°44'44	19°5'5	13°42'42	15°8'8	21°17'17	5°2'2	S 15
M 16	8 16 28	5°6'29	10°11'35	1°57'57	12°8'8	2°41'41	0°44'44	9°20'20	0°45'45	15°45'45	19°5'5	13°38'38	15°5'5	21°23'23	5°4'4	M 16
T 17	8 20 24	6°7'22	25°1'1	2°49'49	13°21'21	3°25'25	0°57'57	9°25'25	0°48'48	15°47'47	19°5'5	13°33'33	15°2'2	21°30'30	5°6'6	T 17
W 18	8 24 21	7°8'13	9°25'25	4°32'32	14°33'33	4°10'10	1°9'9	9°30'30	0°51'51	15°49'49	19°5'5	13°27'27	14°58'58	21°37'37	5°8'8	W 18
T 19	8 28 17	8°9'03	8°9'03	6°15'15	15°45'45	4°55'55	1°22'22	9°35'35	0°55'55	15°50'50	19°5'5	13°21'21	14°55'55	21°43'43	5°11'11	T 19
F 20	8 32 14	9°9'51	7°12'42	7°59'59	16°57'57	5°39'39	1°34'34	9°40'40	0°58'58	15°52'52	19°4'4	13°16'16	14°52'52	21°50'50	5°13'13	F 20
S 21	8 36 10	10°10'38	21°27'27	9°44'44	18°10'10	6°24'24	1°46'46	9°44'44	1°1'1	15°53'53	19°4'4	13°13'13	14°49'49	21°57'57	5°16'16	S 21
S 22	8 40 7	11°11'24	4°10'50	11°30'30	19°22'22	7°9'9	1°58'58	9°49'49	1°4'4	15°55'55	19°4'4	13°11'11	14°46'46	22°4'4	5°18'18	S 22
M 23	8 44 4	12°12'09	17°53'53	13°16'16	20°34'34	7°54'54	2°10'10	9°53'53	1°7'7	15°56'56	19°3'3	13°D11	14°42'42	22°10'10	5°20'20	M 23
T 24	8 48 0	13°12'52	0°13'4	15°4'4	21°45'45	8°39'39	2°23'23	9°58'58	1°9'9	15°58'58	19°3'3	13°12'12	14°39'39	22°17'17	5°23'23	T 24
W 25	8 51 57	14°13'34	12°57'57	16°51'51	22°57'57	9°23'23	2°35'35	10°2'2	1°12'12	15°59'59	19°3'3	13°14'14	14°36'36	22°24'24	5°25'25	W 25
T 26	8 55 53	15°14'16	25°5'5	18°40'40	24°9'9	10°8'8	2°46'46	10°6'6	1°15'15	16°1'1	19°2'2	13°15'15	14°33'33	22°30'30	5°28'28	T 26
F 27	8 59 50	16°14'56	7°11'3	20°29'29	25°20'20	10°53'53	2°58'58	10°10'10	1°18'18	16°2'2	19°2'2	13°17'17	14°30'30	22°37'37	5°31'31	F 27
S 28	9 3 46	17°15'34	18°56'56	22°19'19	26°32'32	11°38'38	3°10'10	10°14'14	1°21'21	16°3'3	19°1'1	13°R17	14°27'27	22°44'44	5°33'33	S 28
S 29	9 7 43	18°16'12	0°12'48	24°9'9	27°43'43	12°23'23	3°22'22	10°18'18	1°24'24	16°5'5	19°0'0	13°16'16	14°23'23	22°51'51	5°36'36	S 29
M 30	9 11 39	19°16'49	12°44'44	26°0'0	28°55'55	13°8'8	3°33'33	10°22'22	1°26'26	16°6'6	19°0'0	13°14'14	14°20'20	22°57'57	5°39'39	M 30
T 31	9 15 36	20°17'24	24°17'49	27°55'55	0°1'6	13°53'53	3°45'45	10°17'26	1°32'32	16°7'7	18°59'59	13°12'12	14°17'17	23°11'4	5°42'42	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	22s 2	23s 7	4s44	24s24	1s 4	15s 8	1s38	23s37	0s22	23s15	0n14	20s 4	1n39	23s44	0s13	21s19
M 2	21 53	26 5	5 1	24 24	1 10	14 43	1 37	23 40	0 23	23 15	0 14	20 5	1 39	23 44	0 13	21 19
T 3	21 43	27 55	5 5	24 23	1 15	14 16	1 35	23 43	0 24	23 16	0 14	20 6	1 39	23 44	0 13	21 19
W 4	21 33	28 26	4 55	24 20	1 21	13 50	1 34	23 46	0 24	23 16	0 14	20 7	1 39	23 44	0 13	21 19
T 5	21 23	27 31	4 32	24 16	1 26	13 23	1 32	23 49	0 25	23 16	0 14	20 8	1 39	23 44	0 13	21 19
F 6	21 12	25 12	3 54	24 11	1 30	12 55	1 31	23 51	0 26	23 16	0 14	20 9	1 39	23 44	0 13	21 20
S 7	21 1	21 34	3 5	24 4	1 35	12 28	1 29	23 53	0 26	23 17	0 14	20 9	1 40	23 44	0 13	21 20
S 8	20 49	16 50	2 4	23 56	1 39	12 0	1 27	23 55	0 27	23 17	0 13	20 10	1 40	23 44	0 13	21 20
M 9	20 37	11 15	0 57	23 47	1 43	11 31	1 25	23 57	0 28	23 17	0 13	20 11	1 40	23 44	0 13	21 20
T 10	20 25	5 5	0n16	23 36	1 47	11 3	1 23	23 58	0 28	23 17	0 13	20 12	1 40	23 44	0 13	21 20
W 11	20 12	1n24	1 28	23 23	1 50	10 34	1 21	23 59	0 29	23 17	0 13	20 12	1 40	23 44	0 13	21 20
T 12	19 59	7 53	2 36	23 9	1 53	10 5	1 19	24 0	0 30	23 17	0 13	20 13	1 40	23 44	0 13	21 21
F 13	19 45	14 5	3 36	22 53	1 56	9 36	1 17	24 1	0 31	23 17	0 13	20 14	1 40	23 44	0 13	21 21
S 14	19 32	19 38	4 24	22 36	1 58	9 6	1 15	24 1	0 31	23 18	0 13	20 15	1 40	23 44	0 13	21 21
S 15	19 17	24 9	4 56	22 17	2 0	8 36	1 12	24 2	0 32	23 18	0 13	20 15	1 40	23 44	0 13	21 21
M 16	19 3	27 12	5 10	21 57	2 2	8 6	1 10	24 2	0 33	23 18	0 13	20 16	1 40	23 44	0 13	21 21
T 17	18 48	28 29	5 4	21 35	2 3	7 36	1 7	24 1	0 33	23 18	0 13	20 17	1 40	23 44	0 13	21 21
W 18	18 32	27 49	4 39	21 11	2 4	7 6	1 5	24 1	0 34	23 18	0 13	20 17	1 40	23 44	0 14	21 22
T 19	18 17	25 19	3 57	20 46	2 4	6 35	1 2	24 0	0 35	23 18	0 13	20 18	1 40	23 44	0 14	21 22
F 20	18 1	21 19	3 1	20 19	2 4	6 5	0 59	23 59	0 35	23 17	0 12	20 18	1 41	23 44	0 14	21 22
S 21	17 45	16 13	1 56	19 51	2 4	5 34	0 57	23 57	0 36	23 17	0 12	20 19	1 41	23 44	0 14	21 22
S 22	17 28	10 28	0 45	19 21	2 3	5 3	0 54	23 56	0 37	23 17	0 12	20 20	1 41	23 44	0 14	21 22
M 23	17 11	4 25	0s26	18 50	2 2	4 32	0 51	23 54	0 38	23 17	0 12	20 20	1 41	23 44	0 14	21 22
T 24	16 54	1s39	1 34	18 16	2 0	4 0	0 48	23 52	0 38	23 17	0 12	20 21	1 41	23 44	0 14	21 22
W 25	16 37	7 31	2 36	17 42	1 57	3 29	0 45	23 49	0 39	23 17	0 12	20 21	1 41	23 44	0 14	21 22
T 26	16 19	12 59	3 30	17 5	1 55	2 58	0 41	23 47	0 40	23 17	0 12	20 22	1 41	23 44	0 14	21 23
F 27	16 1	17 54	4 14	16 28	1 51	2 26	0 38	23 44	0 40	23 17	0 12	20 22	1 41	23 44	0 14	21 23
S 28	15 42	22 5	4 46	15 48	1 47	1 55	0 35	23 41	0 41	23 16	0 12	20 23	1 41	23 44	0 14	21 23
S 29	15 24	25 22	5 7	15 7	1 43	1 23	0 31	23 37	0 42	23 16	0 12	20 23	1 41	23 44	0 14	21 23
M 30	15 5	27 35	5 14	14 25	1 37	0 52	0 28	23 34	0 42	23 16	0 12	20 24	1 41	23 44	0 14	21 23
T 31	14s46	28s32	5s 8	13s41	1s32	0s20	0s25	23s30	0s43	23s16	0n12	20s24	1n42	23s44	0s14	21s23

Julian Day Number = 2263819.5, Delta T = 05m21s

Ecliptic obliquity = 23°30'30, Nutation = 0°00'05, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°34'08, Lahiri = 16°41'08 Julian Calendar 1 Jan. 1486 == Greg. Calendar 10 Jan. 1486

ASTRODIENST EPHEMERIS for the year 1486

geocentric

FEBRUARY 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	9 19 33	21 ¹⁷ 58	7 ³ 6	29 ⁴²	1 ¹⁷ 17	14 ³⁸	3 ⁵⁶	10 ³⁰	1 ³²	16 ⁸	18 ⁵⁹	13 ⁸	14 ¹⁴	23 ¹¹	5 ⁴⁴	W 1
T 2	9 23 29	22 ¹⁸ 30	19 ³⁹	1 ³³	2 ²⁸	15 ²⁴	4 ⁸	10 ³⁴	1 ³⁴	16 ⁹	18 ⁵⁸	13 ⁵	14 ¹¹	23 ¹⁷	5 ⁴⁷	T 2
F 3	9 27 26	23 ¹⁹ 01	2 ²⁸	3 ²⁴	3 ³⁹	16 ⁹	4 ¹⁹	10 ³⁷	1 ³⁷	16 ¹¹	18 ⁵⁷	13 ¹	14 ⁸	23 ²⁴	5 ⁵⁰	F 3
S 4	9 31 22	24 ¹⁹ 31	15 ³⁴	5 ¹⁴	4 ⁴⁹	16 ⁵⁴	4 ³⁰	10 ⁴¹	1 ³⁹	16 ¹²	18 ⁵⁶	12 ⁵⁹	14 ⁴	23 ³¹	5 ⁵³	S 4
S 5	9 35 19	25 ¹⁹ 59	28 ⁵⁸	7 ⁴	6 ⁰	17 ³⁹	4 ⁴¹	10 ⁴⁴	1 ⁴²	16 ¹³	18 ⁵⁶	12 ⁵⁷	14 ¹	23 ³⁸	5 ⁵⁶	S 5
M 6	9 39 15	26 ²⁰ 25	12 ³⁶	8 ⁵²	7 ¹⁰	18 ²⁴	4 ⁵²	10 ⁴⁸	1 ⁴⁴	16 ¹⁴	18 ⁵⁵	12 ⁵⁷	13 ⁵⁸	23 ⁴⁴	5 ⁵⁹	M 6
T 7	9 43 12	27 ²⁰ 49	26 ²⁷	10 ⁴⁰	8 ²¹	19 ¹⁰	5 ³	10 ⁵¹	1 ⁴⁷	16 ¹⁵	18 ⁵⁴	12 ⁵⁷	13 ⁵⁵	23 ⁵¹	6 ²	T 7
W 8	9 47 8	28 ²¹ 12	10 ²⁸	12 ²⁵	9 ³¹	19 ⁵⁵	5 ¹⁴	10 ⁵⁴	1 ⁴⁹	16 ¹⁶	18 ⁵³	12 ⁵⁸	13 ⁵²	23 ⁵⁸	6 ⁵	W 8
T 9	9 51 5	29 ²¹ 32	24 ³⁵	14 ⁹	10 ⁴¹	20 ⁴⁰	5 ²⁵	10 ⁵⁷	1 ⁵¹	16 ¹⁷	18 ⁵²	12 ⁵⁹	13 ⁴⁸	24 ⁴	6 ⁸	T 9
F 10	9 55 2	0 ²¹ 51	8 ⁴⁷	15 ⁴⁹	11 ⁵¹	21 ²⁶	5 ³⁶	11 ⁰	1 ⁵⁴	16 ¹⁸	18 ⁵¹	13 ⁰	13 ⁴⁵	24 ¹¹	6 ¹¹	F 10
S 11	9 58 58	1 ²² 07	22 ⁵⁹	17 ²⁷	13 ¹	22 ¹¹	5 ⁴⁶	11 ³	1 ⁵⁶	16 ¹⁹	18 ⁵⁰	13 ¹	13 ⁴²	24 ¹⁸	6 ¹⁴	S 11
S 12	10 2 55	2 ²² 22	7 ¹¹	19 ⁰	14 ¹⁰	22 ⁵⁶	5 ⁵⁷	11 ⁶	1 ⁵⁸	16 ²⁰	18 ⁴⁹	13 ¹	13 ³⁹	24 ²⁵	6 ¹⁸	S 12
M13	10 6 51	3 ²² 34	21 ¹⁹	20 ³⁰	15 ²⁰	23 ⁴²	6 ⁷	11 ⁸	2 ⁰	16 ²⁰	18 ⁴⁸	13 ¹	13 ³⁶	24 ³¹	6 ²¹	M13
T 14	10 10 48	4 ²² 44	5 ²²	21 ⁵⁴	16 ²⁹	24 ²⁷	6 ¹⁷	11 ¹¹	2 ³	16 ²¹	18 ⁴⁷	13 ⁰	13 ³³	24 ³⁸	6 ²⁴	T 14
W15	10 14 44	5 ²² 53	19 ¹⁸	23 ¹³	17 ³⁹	25 ¹³	6 ²⁷	11 ¹³	2 ⁵	16 ²²	18 ⁴⁶	12 ⁵⁹	13 ²⁹	24 ⁴⁵	6 ²⁷	W15
T 16	10 18 41	6 ²² 59	3 ²	24 ²⁵	18 ⁴⁸	25 ⁵⁸	6 ³⁷	11 ¹⁶	2 ⁷	16 ²³	18 ⁴⁵	12 ⁵⁸	13 ²⁶	24 ⁵¹	6 ³¹	T 16
F 17	10 22 37	7 ²³ 02	16 ³⁷	25 ³¹	19 ⁵⁷	26 ⁴³	6 ⁴⁷	11 ¹⁸	2 ⁹	16 ²³	18 ⁴⁴	12 ⁵⁷	13 ²³	24 ⁵⁸	6 ³⁴	F 17
S 18	10 26 34	8 ²³ 04	29 ⁵⁷	26 ³⁰	21 ⁵	27 ²⁹	6 ⁵⁷	11 ²⁰	2 ¹¹	16 ²⁴	18 ⁴³	12 ⁵⁷	13 ²⁰	25 ⁵	6 ³⁷	S 18
S 19	10 30 31	9 ²³ 04	13 ¹²	27 ²¹	22 ¹⁴	28 ¹⁵	7 ⁷	11 ²³	2 ¹³	16 ²⁵	18 ⁴¹	12 ⁵⁷	13 ¹⁷	25 ¹²	6 ⁴¹	S 19
M20	10 34 27	10 ²³ 02	25 ⁵¹	28 ⁴	23 ²²	29 ⁰	7 ¹⁶	11 ²⁵	2 ¹⁴	16 ²⁵	18 ⁴⁰	12 ⁵⁷	13 ¹³	25 ¹⁸	6 ⁴⁴	M20
T 21	10 38 24	11 ²² 58	8 ²⁵	28 ³⁹	24 ³⁰	29 ⁴⁶	7 ²⁶	11 ²⁷	2 ¹⁶	16 ²⁶	18 ³⁹	12 ⁵⁷	13 ¹⁰	25 ²⁵	6 ⁴⁷	T 21
W22	10 42 20	12 ²² 53	20 ⁴⁵	29 ⁵	25 ³⁸	0 ³¹	7 ³⁵	11 ²⁸	2 ¹⁸	16 ²⁷	18 ³⁸	12 ⁵⁷	13 ⁷	25 ³²	6 ⁵¹	W22
T 23	10 46 17	13 ²² 45	2 ¹⁵	29 ²²	26 ⁴⁶	1 ¹⁷	7 ⁴⁴	11 ³⁰	2 ²⁰	16 ²⁷	18 ³⁷	12 ⁵⁷	13 ⁴	25 ³⁸	6 ⁵⁴	T 23
F 24	10 50 13	14 ²² 36	14 ⁵²	29 ³¹	27 ⁵⁴	2 ³	7 ⁵⁴	11 ³²	2 ²¹	16 ²⁸	18 ³⁵	12 ⁵⁷	13 ¹	25 ⁴⁵	6 ⁵⁸	F 24
S 25	10 54 10	15 ²² 25	26 ⁴⁵	29 ³⁰	29 ¹	2 ⁴⁸	8 ³	11 ³³	2 ²³	16 ²⁸	18 ³⁴	12 ⁵⁷	12 ⁵⁸	25 ⁵²	7 ¹	S 25
S 26	10 58 6	16 ²² 12	8 ³⁸	29 ²²	0 ⁸	3 ³⁴	8 ¹²	11 ³⁵	2 ²⁵	16 ²⁸	18 ³³	12 ⁵⁷	12 ⁵⁴	25 ⁵⁹	7 ⁵	S 26
M27	11 2 3	17 ²¹ 58	20 ³⁴	29 ⁵	1 ¹⁵	4 ²⁰	8 ²⁰	11 ³⁶	2 ²⁶	16 ²⁹	18 ³¹	12 ⁵⁷	12 ⁵¹	26 ⁵	7 ⁸	M27
T 28	11 5 59	18 ²¹ 42	2 ³⁸	28 ⁴⁰	2 ²²	5 ⁵	8 ²⁹	11 ³⁷	2 ²⁸	16 ²⁹	18 ³⁰	12 ⁵⁷	12 ⁴⁸	26 ¹²	7 ¹²	T 28

Day	☉	☾		♀		♀		♂		♂		♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s27	28s 6	4s47	12s56	1s25	0n11	0s21	23s26	0s44	23s15	0n12	20s25	1n42	23s44	0s14	21s23	1n24	8n41	17n26	6s39	6s13	23s16	4n11	2n 4	
T 2	14 7	26 14	4 13	12 10	1 18	0 43	0 17	23 21	0 45	23 15	0 11	20 25	1 42	23 44	0 14	21 23	1 24	8 42	17 27	6 40	6 15	23 18	4 12	2 3	
F 3	13 47	22 59	3 25	11 23	1 10	1 15	0 14	23 17	0 45	23 15	0 11	20 25	1 42	23 44	0 14	21 23	1 24	8 43	17 27	6 41	6 16	23 20	4 13	2 3	
S 4	13 27	18 31	2 25	10 35	1 2	1 46	0 10	23 12	0 46	23 15	0 11	20 26	1 42	23 44	0 14	21 23	1 25	8 43	17 28	6 42	6 17	23 22	4 14	2 3	
S 5	13 7	13 4	1 16	9 46	0 53	2 18	0 6	23 7	0 47	23 14	0 11	20 26	1 42	23 44	0 14	21 23	1 25	8 44	17 28	6 43	6 18	23 24	4 15	2 3	
M 6	12 46	6 53	0 2	8 56	0 43	2 49	0 2	23 1	0 47	23 14	0 11	20 27	1 42	23 44	0 14	21 23	1 25	8 45	17 29	6 43	6 20	23 26	4 16	2 3	
T 7	12 26	0 17	1n14	8 6	0 33	3 21	0n 2	22 56	0 48	23 14	0 11	20 27	1 42	23 44	0 14	21 24	1 25	8 46	17 29	6 43	6 21	23 28	4 17	2 3	
W 8	12 5	6n24	2 26	7 15	0 22	3 52	0 6	22 50	0 49	23 13	0 11	20 27	1 42	23 44	0 14	21 24	1 25	8 46	17 30	6 43	6 22	23 30	4 18	2 3	
T 9	11 44	12 49	3 30	6 25	0 10	4 23	0 10	22 44	0 49	23 13	0 11	20 28	1 42	23 44	0 14	21 24	1 25	8 47	17 30	6 42	6 23	23 32	4 19	2 2	
F 10	11 23	18 36	4 22	5 34	0n 2	4 54	0 14	22 37	0 50	23 13	0 11	20 28	1 43	23 44	0 14	21 24	1 25	8 48	17 31	6 42	6 24	23 34	4 20	2 2	
S 11	11 1	23 22	4 57	4 45	0 15	5 25	0 18	22 31	0 51	23 12	0 11	20 28	1 43	23 44	0 14	21 24	1 25	8 49	17 31	6 41	6 26	23 36	4 21	2 2	
S 12	10 40	26 45	5 15	3 56	0 28	5 56	0 22	22 24	0 51	23 12	0 11	20 28	1 43	23 44	0 14	21 24	1 25	8 49	17 31	6 41	6 27	23 38	4 22	2 2	
M13	10 18	28 26	5 13	3 8	0 42	6 27	0 26	22 17	0 52	23 11	0 11	20 29	1 43	23 44	0 14	21 24	1 25	8 50	17 32	6 42	6 28	23 40	4 23	2 2	
T 14	9 56	28 16	4 53	2 22	0 56	6 58	0 30	22 9	0 53	23 11	0 11	20 29	1 43	23 44	0 14	21 24	1 25	8 51	17 32	6 42	6 29	23 42	4 25	2 2	
W15	9 34	26 19	4 15	1 38	1 10	7 28	0 34	22 2	0 54	23 11	0 10	20 29	1 43	23 44	0 14	21 24	1 25	8 52	17 33	6 42	6 31	23 44	4 26	2 2	
T 16	9 12	22 50	3 23	0 56	1 24	7 59	0 39	21 54	0 54	23 10	0 10	20 29	1 43	23 44	0 14	21 24	1 25	8 53	17 33	6 43	6 32	23 46	4 27	2 1	
F 17	8 49	18 8	2 21	0 17	1 38	8 29	0 43	21 46	0 55	23 10	0 10	20 30	1 43	23 43	0 14	21 24	1 25	8 53	17 34	6 43	6 33	23 48	4 28	2 1	
S 18	8 27	12 38	1 11	0n19	1 53	8 59	0 47	21 38	0 56	23 9	0 10	20 30	1 43	23 43	0 14	21 24	1 25	8 54	17 34	6 43	6 34	23 50	4 29	2 1	
S 19	8 4	6 41	0s 0	0 53	2 6	9 28	0 51	21 29	0 56	23 9	0 10	20 30	1 44	23 43	0 14	21 24	1 25	8 55	17 34	6 43	6 35	23 52	4 31	2 1	
M20	7 42	0 34	1 11	1 22	2 20	9 58	0 56	21 21	0 57	23 8	0 10	20 30	1 44	23 43	0 14	21 24	1 25	8 56	17 35	6 43	6 37	23 54	4 32	2 1	
T 21	7 19	5s26	2 17	1 48	2 33	10 27	1 0	21 12	0 58	23 8	0 10	20 30	1 44	23 43	0 14	21 24	1 25	8 57	17 35	6 43	6 38	23 56	4 33	2 1	
W22	6 56	11 7	3 15	2 9	2 45	10 56	1 5	21 3	0 58	23 8	0 10	20 30	1 44	23 43	0 14	21 24	1 25	8 57	17 35	6 43	6 39	23 57	4 34	2 1	
T 23	6 33	16 18	4 3	2 26	2 56	11 25	1 9	20 53	0 59	23 7	0 10	20 31	1 44	23 43	0 14	21 24	1 25	8 58	17 36	6 43	6 40	23 59	4 36	2 1	
F 24	6 10	20 48	4 40	2 39	3 6	11 54	1 13	20 44	1 0	23 7	0 10	20 31	1 44	23 43	0 14	21 24	1 25	8 59	17 36	6 43	6 42	24 1	4 37	2 1	
S 25	5 47	24 25	5 4	2 47	3 15	12 22	1 18	20 34	1 0	23 6	0 10	20 31	1 44	23 43	0 14	21 24	1 25	9 0	17 36	6 43	6 43	24 3	4 38	2 0	
S 26	5 24	27 0	5 16	2 50	3 22	12 50	1 22	20 24	1 1	23 6	0 10	20 31	1 44	23 43	0 14	21 24	1 25	9 1	17 37	6 43	6 44	24 5	4 39	2 0	
M27	5 0	28 24	5 14	2 49	3 29	13 18	1 27	20 14	1 2	23 5	0 9	20 31	1 45	23 43	0 14	21 24	1 25	9 1	17 37	6 43	6 45	24 7	4 41	2 0	
T 28	4s37	28s27	4s58	2n43	3n33	13n46	1n31	20s 3	1s 2	23s 5	0n 9	20s31	1n45	23s43	0s14	21s24	1n25	9n 2	17n37	6s43	6s46	24s 9	4n42	2n 0	

ASTRODIENST EPHEMERIS for the year 1486

geocentric

MARCH 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	11 9 56	19°12'24	14°35'55	28°R 9	3°R 29	5°R 51	8°R 37	11°R 39	2°R 29	16°R 29	18°R 28	12°R 57	12°R 45	26°R 19	7°R 15	W 1	
T 2	11 13 53	20°21'04	27°29	27°R 31	4°R 35	6°R 37	8°R 46	11°R 40	2°R 31	16°R 30	18°R 27	12°R 58	12°R 42	26°R 26	7°R 19	T 2	
F 3	11 17 49	21°20'43	10°R 22	26°R 48	5°R 41	7°R 23	8°R 54	11°R 41	2°R 32	16°R 30	18°R 26	12°R 59	12°R 39	26°R 32	7°R 22	F 3	
S 4	11 21 46	22°20'19	23°38	26° 0	6°R 47	8° 8	9° 2	11°R 42	2°R 33	16°R 30	18°R 24	13° 0	12°R 35	26°R 39	7°R 26	S 4	
S 5	11 25 42	23°19'54	7°R 16	25°10	7°R 53	8°R 54	9°10	11°R 42	2°R 34	16°R 30	18°R 23	13°R 0	12°R 32	26°R 46	7°R 29	S 5	
M 6	11 29 39	24°19'27	21°15	24°17	8°R 59	9°R 40	9°18	11°R 43	2°R 36	16°R 31	18°R 21	13° 0	12°R 29	26°R 52	7°R 33	M 6	
T 7	11 33 35	25°18'57	5°R 32	23°23	10° 4	10°R 26	9°R 26	11°R 44	2°R 37	16°R 31	18°R 20	12°R 59	12°R 26	26°R 59	7°R 37	T 7	
W 8	11 37 32	26°18'26	20° 2	22°30	11° 9	11°R 12	9°R 33	11°R 44	2°R 38	16°R 31	18°R 18	12°R 58	12°R 23	27° 6	7°R 40	W 8	
T 9	11 41 28	27°17'52	4°R 38	21°37	12°R 13	11°R 57	9°R 41	11°R 44	2°R 39	16°R 31	18°R 17	12°R 56	12°R 19	27°R 13	7°R 44	T 9	
F 10	11 45 25	28°17'16	19°15	20°47	13°R 18	12°R 43	9°R 48	11°R 45	2°R 40	16°R 31	18°R 15	12°R 54	12°R 16	27°R 19	7°R 48	F 10	
S 11	11 49 22	29°16'38	3°R 46	20° 0	14°R 22	13°R 29	9°R 55	11°R 45	2°R 41	16°R 31	18°R 13	12°R 53	12°R 13	27°R 26	7°R 51	S 11	
S 12	11 53 18	0°R 15'58	18° 7	19°17	15°R 26	14°R 15	10° 2	11°R 45	2°R 42	16°R 31	18°R 12	12°R 52	12°R 10	27°R 33	7°R 55	S 12	
M13	11 57 15	1°15'15	2°R 14	18°R 38	16°R 29	15° 1	10° 9	11°R 45	2°R 43	16°R 31	18°R 10	12°R 51	12° 7	27°R 39	7°R 58	M13	
T 14	12 1 11	2°14'30	16° 7	18° 5	17°R 33	15°R 47	10°16	11°R 45	2°R 43	16°R 30	18° 9	12°R 52	12° 4	27°R 46	8° 2	T 14	
W15	12 5 8	3°13'42	29°45	17°R 36	18°R 36	16°R 33	10°22	11°R 45	2°R 44	16°R 30	18° 7	12°R 53	12° 0	27°R 53	8° 6	W15	
T 16	12 9 4	4°12'52	13°R 7	17°13	19°R 38	17°R 19	10°29	11°R 44	2°R 45	16°R 30	18° 5	12°R 54	11°R 57	28° 0	8° 9	T 16	
F 17	12 13 1	5°12'00	26°16	16°R 56	20°R 41	18° 4	10°R 35	11°R 44	2°R 46	16°R 30	18° 4	12°R 56	11°R 54	28° 6	8°R 13	F 17	
S 18	12 16 57	6°11'05	9°R 11	16°R 44	21°R 42	18°R 50	10°R 41	11°R 43	2°R 46	16°R 30	18° 2	12°R 56	11°R 51	28°R 13	8°R 17	S 18	
S 19	12 20 54	7°10'08	21°R 54	16°R 38	22°R 44	19°R 36	10°R 47	11°R 43	2°R 47	16°R 29	18° 1	12°R 56	11°R 48	28°R 20	8°R 21	S 19	
M20	12 24 51	8° 9'09	4°R 26	16°R 37	23°R 45	20°R 22	10°R 53	11°R 42	2°R 47	16°R 29	17°R 59	12°R 55	11°R 45	28°R 26	8°R 24	M20	
T 21	12 28 47	9° 8'08	16°R 47	16°R 42	24°R 46	21° 8	10°R 58	11°R 41	2°R 48	16°R 29	17°R 57	12°R 52	11°R 41	28°R 33	8°R 28	T 21	
W22	12 32 44	10° 7'05	28°R 58	16°R 52	25°R 47	21°R 54	11° 4	11°R 40	2°R 48	16°R 28	17°R 56	12°R 48	11°R 38	28°R 40	8°R 32	W22	
T 23	12 36 40	11° 6'00	11°R 1	17° 7	26°R 47	22°R 40	11° 9	11°R 39	2°R 48	16°R 28	17°R 54	12°R 43	11°R 35	28°R 47	8°R 35	T 23	
F 24	12 40 37	12° 4'53	22°R 58	17°R 27	27°R 46	23°R 26	11°R 14	11°R 38	2°R 49	16°R 27	17°R 52	12°R 38	11°R 32	28°R 53	8°R 39	F 24	
S 25	12 44 33	13° 3'44	4°R 52	17°R 52	28°R 45	24°R 12	11°R 19	11°R 37	2°R 49	16°R 27	17°R 50	12°R 33	11°R 29	29° 0	8°R 43	S 25	
S 26	12 48 30	14° 2'33	16°R 44	18°R 21	29°R 44	24°R 58	11°R 24	11°R 36	2°R 49	16°R 27	17°R 49	12°R 29	11°R 25	29° 7	8°R 46	S 26	
M27	12 52 26	15° 1'21	28°R 39	18°R 54	0°R 42	25°R 44	11°R 29	11°R 34	2°R 49	16°R 26	17°R 47	12°R 26	11°R 22	29°R 13	8°R 50	M27	
T 28	12 56 23	16° 0'07	10°R 4	19°R 32	1°R 40	26°R 29	11°R 33	11°R 33	2°R 49	16°R 25	17°R 45	12°R 25	11°R 19	29°R 20	8°R 54	T 28	
W29	13 0 20	16°R 58'51	22°R 55	20°R 13	2°R 38	27°R 15	11°R 37	11°R 31	2°R 49	16°R 25	17°R 44	12°R 25	11°R 16	29°R 27	8°R 57	W29	
T 30	13 4 16	17°R 57'34	5°R 26	20°R 58	3°R 35	28° 1	11°R 41	11°R 30	2°R 49	16°R 24	17°R 42	12°R 26	11°R 13	29°R 34	9° 1	T 30	
F 31	13 8 13	18°R 56'14	18°R 17	21°R 46	4°R 31	28°R 47	11°R 45	11°R 28	2°R 49	16°R 24	17°R 40	12°R 27	11°R 10	29°R 40	9°R 5	F 31	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4s13	27s 8	4s29	2n33	3n35	14n13	1n36	19s53	1s 3	23s 4	0n 9	20s31	1n45	23s43	0s14	21s24	1n26
T 2	3 50	24 25	3 46	2 19	3 36	14 40	1 40	19 42	1 4	23 4	0 9	20 31	1 45	23 43	0 14	21 24	1 26
F 3	3 26	20 26	2 51	2 1	3 35	15 6	1 45	19 31	1 4	23 3	0 9	20 31	1 45	23 43	0 14	21 24	1 26
S 4	3 3	15 20	1 45	1 39	3 32	15 32	1 49	19 20	1 5	23 3	0 9	20 31	1 45	23 43	0 14	21 24	1 26
S 5	2 39	9 22	0 32	1 14	3 27	15 58	1 54	19 8	1 5	23 2	0 9	20 31	1 45	23 43	0 14	21 24	1 26
M 6	2 16	2 47	0n46	0 47	3 20	16 24	1 58	18 57	1 6	23 2	0 9	20 31	1 45	23 43	0 14	21 24	1 26
T 7	1 52	4n 4	2 1	0 18	3 12	16 49	2 3	18 45	1 7	23 2	0 9	20 31	1 45	23 43	0 14	21 24	1 26
W 8	1 28	10 47	3 11	0s12	3 2	17 14	2 7	18 33	1 7	23 1	0 9	20 31	1 46	23 43	0 14	21 24	1 26
T 9	1 5	16 59	4 8	0 43	2 50	17 38	2 11	18 21	1 8	23 1	0 9	20 31	1 46	23 43	0 14	21 24	1 26
F 10	0 41	22 13	4 49	1 15	2 38	18 2	2 16	18 8	1 9	23 0	0 8	20 31	1 46	23 43	0 14	21 24	1 26
S 11	0 17	26 4	5 12	1 46	2 24	18 25	2 20	17 56	1 9	23 0	0 8	20 31	1 46	23 43	0 14	21 24	1 26
S 12	0n 6	28 11	5 14	2 16	2 10	18 49	2 24	17 43	1 10	22 59	0 8	20 31	1 46	23 43	0 15	21 24	1 26
M13	0 30	28 27	4 58	2 45	1 55	19 11	2 29	17 30	1 10	22 59	0 8	20 30	1 46	23 43	0 15	21 24	1 26
T 14	0 54	26 54	4 24	3 12	1 39	19 34	2 33	17 17	1 11	22 58	0 8	20 30	1 46	23 43	0 15	21 24	1 26
W15	1 17	23 47	3 36	3 38	1 24	19 56	2 37	17 4	1 12	22 58	0 8	20 30	1 46	23 43	0 15	21 24	1 26
T 16	1 41	19 26	2 37	4 1	1 8	20 17	2 41	16 50	1 12	22 58	0 8	20 30	1 46	23 43	0 15	21 24	1 26
F 17	2 4	14 13	1 31	4 23	0 52	20 38	2 46	16 37	1 13	22 57	0 8	20 30	1 47	23 43	0 15	21 24	1 26
S 18	2 28	8 28	0 21	4 41	0 37	20 58	2 50	16 23	1 13	22 57	0 8	20 30	1 47	23 43	0 15	21 23	1 26
S 19	2 51	2 28	0s49	4 58	0 21	21 18	2 54	16 9	1 14	22 56	0 8	20 29	1 47	23 43	0 15	21 23	1 26
M20	3 15	3s32	1 55	5 12	0 7	21 38	2 58	15 55	1 15	22 56	0 8	20 29	1 47	23 43	0 15	21 23	1 26
T 21	3 38	9 18	2 55	5 23	0s 8	21 57	3 2	15 41	1 15	22 56	0 8	20 29	1 47	23 43	0 15	21 23	1 26
W22	4 1	14 39	3 46	5 32	0 22	22 15	3 5	15 27	1 16	22 55	0 7	20 29	1 47	23 43	0 15	21 23	1 26
T 23	4 24	19 23	4 26	5 38	0 35	22 33	3 9	15 12	1 16	22 55	0 7	20 29	1 47	23 43	0 15	21 23	1 26
F 24	4 47	23 18	4 54	5 42	0 48	22 51	3 13	14 57	1 17	22 55	0 7	20 28	1 47	23 43	0 15	21 23	1 26
S 25	5 10	26 14	5 9	5 44	1 0	23 8	3 17	14 43	1 17	22 54	0 7	20 28	1 47	23 43	0 15	21 23	1 27
S 26	5 33	28 0	5 11	5 43	1 11	23 25	3 20	14 28	1 18	22 54	0 7	20 28	1 48	23 44	0 15	21 23	1 27
M27	5 56	28 30	5 0	5 40	1 22	23 41	3 24	14 13	1 18	22 54	0 7	20 28	1 48	23 44	0 15	21 23	1 27
T 28	6 19	27 39	4 35	5 34	1 32	23 56	3 27	13 58	1 19	22 53	0 7	20 27	1 48	23 44	0 15	21 23	1 27
W29	6 41	25 27	3 58	5 27	1 42	24 11	3 30	13 42	1 20	22 53	0 7	20 27	1 48	23 44	0 15	21 23	1 27
T 30	7 4	22 0	3 8	5 17	1 51	24 25	3 34	13 27	1 20	22 53	0 7	20 27	1 48	23 44	0 15	21 22	1 27
F 31	7n26	17s25	2s 8	5s 5	1s59	24n39	3n37	13s11	1s21	22s53	0n 7	20s26	1n48	23s44	0s15	21s22	1n27

Julian Day Number = 2263878.5, Delta T = 05m20s

Ecliptic obliquity = 23°30'31", Nutation = 0°00'06", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°34'16", Lahiri = 16°41'17" Julian Calendar 1 March 1486 == Greg. Calendar 10 March 1486

ASTRODIENST EPHEMERIS for the year 1486
geocentric

APRIL 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 12 9	19°54'53	1°32	22°38	5°27	29°33	11°349	11°R26	2°R49	16°R23	17°R39	12°R29	11°R 6	29°M47	9°Y 8	S 1
S 2	13 16 6	20°53'31	15°14	23°33	6°22	0°19	11°53	11°R24	2°R49	16°R22	17°R37	12°R29	11° 3	29°54	9°12	S 2
M 3	13 20 2	21°52'06	29°23	24°31	7°17	1° 5	11°56	11°22	2°49	16°21	17°35	12°28	11° 0	0°R 1	9°16	M 3
T 4	13 23 59	22°50'39	13°Y55	25°31	8°11	1°51	11°59	11°20	2°48	16°21	17°34	12°25	10°57	0° 7	9°19	T 4
W 5	13 27 55	23°49'11	28°46	26°35	9° 5	2°37	12° 3	11°18	2°48	16°20	17°32	12°20	10°54	0°14	9°23	W 5
T 6	13 31 52	24°47'41	13°R47	27°41	9°58	3°23	12° 5	11°15	2°48	16°19	17°30	12°14	10°50	0°21	9°26	T 6
F 7	13 35 49	25°46'09	28°50	28°50	10°50	4° 8	12° 8	11°13	2°47	16°18	17°29	12° 8	10°47	0°27	9°30	F 7
S 8	13 39 45	26°44'35	13°II44	0°Y 1	11°41	4°54	12°11	11°11	2°47	16°17	17°27	12° 2	10°44	0°34	9°33	S 8
S 9	13 43 42	27°42'58	28°22	1°14	12°32	5°40	12°13	11° 8	2°46	16°16	17°25	11°57	10°41	0°41	9°37	S 9
M10	13 47 38	28°41'20	12°R40	2°30	13°23	6°26	12°15	11° 5	2°46	16°15	17°24	11°54	10°38	0°48	9°41	M10
T 11	13 51 35	29°39'40	26°34	3°48	14°12	7°12	12°17	11° 3	2°45	16°14	17°22	11°D52	10°35	0°54	9°44	T 11
W12	13 55 31	0°R37'57	10°R 6	5° 8	15° 1	7°57	12°19	11° 0	2°44	16°13	17°20	11°53	10°31	1° 1	9°48	W12
T 13	13 59 28	1°36'12	23°17	6°31	15°49	8°43	12°20	10°57	2°44	16°12	17°19	11°54	10°28	1° 8	9°51	T 13
F 14	14 3 24	2°34'25	6°R10	7°55	16°36	9°29	12°22	10°54	2°43	16°11	17°17	11°R55	10°25	1°14	9°55	F 14
S 15	14 7 21	3°32'36	18°48	9°22	17°22	10°15	12°23	10°51	2°42	16°10	17°15	11°55	10°22	1°21	9°58	S 15
S 16	14 11 18	4°30'45	1°R14	10°50	18° 7	11° 0	12°24	10°48	2°41	16° 9	17°14	11°53	10°19	1°28	10° 1	S 16
M17	14 15 14	5°28'52	13°30	12°20	18°51	11°46	12°25	10°45	2°40	16° 8	17°12	11°49	10°16	1°35	10° 5	M17
T 18	14 19 11	6°26'57	25°38	13°53	19°35	12°32	12°26	10°42	2°39	16° 7	17°11	11°42	10°12	1°41	10° 8	T 18
W19	14 23 7	7°25'01	7°R40	15°27	20°17	13°17	12°26	10°39	2°38	16° 6	17° 9	11°33	10° 9	1°48	10°12	W19
T 20	14 27 4	8°23'03	19°38	17° 4	20°58	14° 3	12°26	10°35	2°37	16° 5	17° 8	11°23	10° 6	1°55	10°15	T 20
F 21	14 31 0	9°21'03	1°R32	18°42	21°38	14°49	12°R26	10°32	2°36	16° 4	17° 6	11°12	10° 3	2° 2	10°18	F 21
S 22	14 34 57	10°19'02	13°24	20°22	22°17	15°34	12°26	10°28	2°35	16° 2	17° 4	11° 1	10° 0	2° 8	10°22	S 22
S 23	14 38 53	11°16'59	25°17	22° 5	22°55	16°20	12°26	10°25	2°34	16° 1	17° 3	10°51	9°56	2°15	10°25	S 23
M24	14 42 50	12°14'55	7°R13	23°49	23°32	17° 5	12°26	10°21	2°33	16° 0	17° 1	10°44	9°53	2°22	10°28	M24
T 25	14 46 47	13°12'50	19°15	25°35	24° 7	17°51	12°25	10°18	2°31	15°59	17° 0	10°39	9°50	2°28	10°31	T 25
W26	14 50 43	14°10'43	1°R27	27°23	24°41	18°36	12°24	10°14	2°30	15°57	16°58	10°36	9°47	2°35	10°35	W26
T 27	14 54 40	15° 8'35	13°54	29°13	25°14	19°22	12°23	10°10	2°29	15°56	16°57	10°D35	9°44	2°42	10°38	T 27
F 28	14 58 36	16° 6'26	26°40	1°R 5	25°45	20° 7	12°22	10° 6	2°27	15°55	16°56	10°35	9°41	2°49	10°41	F 28
S 29	15 2 33	17° 4'16	9°R51	2°59	26°15	20°53	12°20	10° 3	2°26	15°53	16°54	10°R36	9°37	2°55	10°44	S 29
S 30	15 6 29	18°R 2'04	23°R28	4°R55	26°II43	21°R38	12°R19	9°R59	2°R24	15°R52	16°R53	10°R35	9°R34	3°R 2	10°Y47	S 30

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7n49	11s53	0s59	4s52	2s 6	24n53	3n40	12s56	1s21	22s52	0n 6	20s26	1n48	23s44	0s15	21s22	1n27	9n25	17n42	6s54	7s25	25s 5	5n26	1n58					
S 2	8 11	5 36	0n15	4 36	2 13	25 5	3 43	12 40	1 22	22 52	0 6	20 26	1 48	23 44	0 15	21 22	1 27	9 26	17 42	6 54	7 26	25 7	5 27	1 58					
M 3	8 33	1n 8	1 30	4 19	2 20	25 18	3 46	12 24	1 22	22 52	0 6	20 25	1 48	23 44	0 15	21 22	1 27	9 26	17 42	6 54	7 28	25 9	5 29	1 58					
T 4	8 55	8 0	2 42	4 0	2 25	25 29	3 48	12 8	1 23	22 52	0 6	20 25	1 48	23 44	0 15	21 22	1 27	9 27	17 42	6 55	7 29	25 10	5 30	1 57					
W 5	9 16	14 33	3 44	3 39	2 30	25 41	3 51	11 52	1 23	22 52	0 6	20 24	1 48	23 44	0 15	21 22	1 27	9 28	17 42	6 57	7 30	25 12	5 32	1 57					
T 6	9 38	20 20	4 32	3 17	2 35	25 51	3 53	11 36	1 24	22 51	0 6	20 24	1 49	23 44	0 15	21 22	1 27	9 28	17 42	6 59	7 31	25 13	5 33	1 57					
F 7	9 59	24 50	5 0	2 53	2 38	26 1	3 56	11 19	1 24	22 51	0 6	20 24	1 49	23 44	0 15	21 22	1 27	9 29	17 42	7 2	7 33	25 15	5 34	1 57					
S 8	10 20	27 37	5 8	2 28	2 41	26 11	3 58	11 3	1 24	22 51	0 6	20 23	1 49	23 44	0 15	21 21	1 27	9 29	17 42	7 4	7 34	25 17	5 36	1 57					
S 9	10 41	28 26	4 56	2 1	2 44	26 20	4 0	10 47	1 25	22 51	0 6	20 23	1 49	23 44	0 15	21 21	1 27	9 30	17 42	7 6	7 35	25 18	5 37	1 57					
M10	11 2	27 18	4 25	1 32	2 46	26 28	4 2	10 30	1 25	22 51	0 6	20 22	1 49	23 44	0 15	21 21	1 27	9 30	17 42	7 7	7 36	25 20	5 38	1 57					
T 11	11 23	24 30	3 40	1 3	2 47	26 36	4 4	10 13	1 26	22 51	0 5	20 22	1 49	23 44	0 15	21 21	1 27	9 31	17 41	7 8	7 37	25 21	5 40	1 57					
W12	11 44	20 23	2 43	0 31	2 48	26 44	4 6	9 57	1 26	22 51	0 5	20 22	1 49	23 44	0 15	21 21	1 27	9 31	17 41	7 8	7 39	25 23	5 41	1 57					
T 13	12 4	15 21	1 39	0n 1	2 48	26 51	4 7	9 40	1 27	22 51	0 5	20 21	1 49	23 44	0 15	21 21	1 27	9 32	17 41	7 7	7 40	25 25	5 42	1 57					
F 14	12 24	9 45	0 31	0 35	2 48	26 57	4 8	9 23	1 27	22 51	0 5	20 21	1 49	23 44	0 15	21 21	1 27	9 32	17 41	7 7	7 41	25 26	5 44	1 57					
S 15	12 44	3 53	0s37	1 10	2 47	27 3	4 10	9 6	1 28	22 51	0 5	20 20	1 49	23 44	0 15	21 21	1 27	9 33	17 41	7 7	7 42	25 28	5 45	1 57					
S 16	13 4	2s 3	1 42	1 46	2 45	27 8	4 11	8 49	1 28	22 51	0 5	20 20	1 49	23 44	0 15	21 20	1 27	9 33	17 41	7 8	7 43	25 29	5 46	1 57					
M17	13 23	7 49	2 41	2 23	2 43	27 13	4 11	8 32	1 28	22 51	0 5	20 19	1 49	23 44	0 15	21 20	1 27	9 33	17 41	7 9	7 45	25 31	5 48	1 57					
T 18	13 43	13 13	3 32	3 1	2 41	27 17	4 12	8 15	1 29	22 51	0 5	20 19	1 49	23 44	0 15	21 20	1 27	9 34	17 40	7 12	7 46	25 32	5 49	1 57					
W19	14 2	18 6	4 13	3 41	2 37	27 21	4 12	7 57	1 29	22 51	0 5	20 18	1 49	23 44	0 15	21 20	1 27	9 34	17 40	7 15	7 47	25 34	5 50	1 57					
T 20	14 20	22 13	4 42	4 21	2 34	27 24	4 13	7 40	1 30	22 51	0 4	20 18	1 49	23 44	0 15	21 20	1 27	9 35	17 40	7 19	7 48	25 35	5 52	1 57					
F 21	14 39	25 25	4 59	5 3	2 29	27 27	4 12	7 23	1 30	22 51	0 4	20 17	1 49	23 44	0 15	21 20	1 27	9 35	17 40	7 23	7 49	25 37	5 53	1 57					
S 22	14 57	27 29	5 3	5 45	2 25	27 29	4 12	7 5	1 30	22 51	0 4	20 17	1 49	23 44	0 15	21 20	1 27	9 35	17 39	7 27	7 51	25 38	5 54	1 57					
S 23	15 16	28 19	4 54	6 28	2 19	27 30	4 12	6 48	1 31	22 51	0 4	20 16	1 49	23 44	0 15	21 19	1 27	9 36	17 39	7 31	7 52	25 40	5 56	1 57					
M24	15 33	27 51	4 32	7 12	2 13	27 32	4 11	6 31	1 31	22 52	0 4	20 16	1 50	23 44	0 15	21 19	1 27	9 36	17 39	7 34	7 53	25 41	5 57	1 57					
T 25	15 51	26 3	3 58	7 57	2 7	27 32	4 10	6 13	1 31	22 52	0 4	20 15	1 50	23 44	0 15	21 19	1 27	9 36	17 39	7 36	7 54	25 43	5 58	1 57					
W26	16 8	23 1	3 13	8 42	2 0	27 33	4 9	5 55	1 32	22 52	0 4	20 14	1 50	23 45	0 15	21 19	1 27	9 36	17 38	7 37	7 55	25 44	5 59	1 57					
T 27	16 25	18 53	2 17	9 28	1 53	27 33	4 7	5 38	1 32	22 52	0 4	20 14	1 50	23 45	0 15	21 19	1 27	9 37	17 38	7 37	7 57	25 46	6 1	1 57					
F 28	16 42	13 49	1 13	10 15	1 45	27 32	4 6	5 20	1 32	22 52	0 3	20 13	1 50	23 45	0 15	21 19	1 27	9 37	17 38	7 37	7 58	25 47	6 2	1 57					
S 29	16 59	7 58	0 4	11 2	1 37	27 31	4 4	5 3	1 33	22 53	0 3	20 13	1 50	23 45	0 16	21 18	1 28	9 37	17 38	7 37	7 59	25 49	6 3	1 57					
S 30	17n15	1s34	1n 8	1n49	1s28	27n29	4n 1	4s45	1s33	22s53	0n 3	20s12	1n50	23s45	0s16	21s18	1n28	9n37	17n37	7s37	8s 0	25s50	6n 4	1n57					

ASTRODIENST EPHEMERIS for the year 1486
geocentric

MAY 1486 JC

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	15 10 26	18 ⁸ 59'51	7 ⁷ 34	6 ⁸ 53	27 ^{II} 10	22 ^{II} 23	12 ^R 17	9 ^R 55	2 ^R 23	15 ^R 50	16 ^R 51	10 ^R 33	9 ^{II} 31	3 ^{II} 9	10 ^{II} 50	M 1
T 2	15 14 22	19 ⁰ 57'37	22 ⁰ 8	8 ⁰ 52	27 ³ 5	23 ⁰ 9	12 ^{II} 15	9 ^{II} 51	2 ^{II} 21	15 ^{II} 49	16 ^{II} 50	10 ^{II} 28	9 ⁰ 28	3 ⁰ 15	10 ⁰ 53	T 2
W 3	15 18 19	20 ⁰ 55'21	7 ⁸ 6	10 ⁰ 54	27 ⁵ 9	23 ⁵ 4	12 ⁰ 13	9 ⁰ 47	2 ⁰ 20	15 ⁰ 48	16 ⁰ 49	10 ⁰ 20	9 ⁰ 25	3 ⁰ 22	10 ⁰ 56	W 3
T 4	15 22 16	21 ⁰ 53'05	22 ⁰ 19	12 ⁰ 57	28 ⁰ 20	24 ⁰ 39	12 ⁰ 10	9 ⁰ 43	2 ⁰ 18	15 ⁰ 46	16 ⁰ 47	10 ⁰ 11	9 ⁰ 22	3 ⁰ 29	10 ⁰ 59	T 4
F 5	15 26 12	22 ⁰ 50'47	7 ^{II} 37	15 ⁰ 2	28 ⁰ 40	25 ⁰ 24	12 ⁰ 8	9 ⁰ 39	2 ⁰ 16	15 ⁰ 45	16 ⁰ 46	10 ⁰ 0	9 ⁰ 18	3 ⁰ 36	11 ⁰ 2	F 5
S 6	15 30 9	23 ⁰ 48'28	22 ⁰ 48	17 ⁰ 8	28 ⁰ 58	26 ⁰ 9	12 ⁰ 5	9 ⁰ 34	2 ⁰ 15	15 ⁰ 43	16 ⁰ 45	9 ⁰ 51	9 ⁰ 15	3 ⁰ 42	11 ⁰ 5	S 6
S 7	15 34 5	24 ⁰ 46'08	7 ^{II} 43	19 ⁰ 16	29 ⁰ 14	26 ⁰ 54	12 ⁰ 2	9 ⁰ 30	2 ⁰ 13	15 ⁰ 42	16 ⁰ 44	9 ⁰ 42	9 ⁰ 12	3 ⁰ 49	11 ⁰ 8	S 7
M 8	15 38 2	25 ⁰ 43'45	22 ⁰ 13	21 ⁰ 25	29 ⁰ 28	27 ⁰ 40	11 ⁰ 59	9 ⁰ 26	2 ⁰ 11	15 ⁰ 40	16 ⁰ 42	9 ⁰ 37	9 ⁰ 9	3 ⁰ 56	11 ⁰ 11	M 8
T 9	15 41 58	26 ⁰ 41'22	6 ^{II} 17	23 ⁰ 35	29 ⁰ 40	28 ⁰ 25	11 ⁰ 56	9 ⁰ 22	2 ⁰ 9	15 ⁰ 39	16 ⁰ 41	9 ⁰ 33	9 ⁰ 6	4 ⁰ 3	11 ⁰ 14	T 9
W10	15 45 55	27 ⁰ 38'57	19 ⁰ 53	25 ⁰ 46	29 ⁰ 50	29 ⁰ 10	11 ⁰ 53	9 ⁰ 18	2 ⁰ 8	15 ⁰ 37	16 ⁰ 40	9 ⁰ 32	9 ⁰ 2	4 ⁰ 9	11 ⁰ 17	W10
T 11	15 49 51	28 ⁰ 36'30	3 ^{II} 3	27 ⁰ 58	29 ⁰ 58	29 ⁰ 54	11 ⁰ 49	9 ⁰ 13	2 ⁰ 6	15 ⁰ 36	16 ⁰ 39	9 ⁰ 32	8 ⁰ 59	4 ⁰ 16	11 ⁰ 19	T 11
F 12	15 53 48	29 ⁰ 34'02	15 ⁰ 51	0 ^{II} 10	0 ^{II} 3	0 ^{II} 39	11 ⁰ 45	9 ⁰ 9	2 ⁰ 4	15 ⁰ 34	16 ⁰ 38	9 ⁰ 32	8 ⁰ 56	4 ⁰ 23	11 ⁰ 22	F 12
S 13	15 57 45	0 ^{II} 31'32	28 ⁰ 20	2 ⁰ 21	0 ⁰ 7	1 ⁰ 24	11 ⁰ 41	9 ⁰ 5	2 ⁰ 2	15 ⁰ 33	16 ⁰ 37	9 ⁰ 31	8 ⁰ 53	4 ⁰ 29	11 ⁰ 25	S 13
S 14	16 1 141	1 ⁰ 29'01	10 ^{II} 37	4 ⁰ 33	0 ^R 7	2 ⁰ 9	11 ⁰ 37	9 ⁰ 0	2 ⁰ 0	15 ⁰ 31	16 ⁰ 36	9 ⁰ 27	8 ⁰ 50	4 ⁰ 36	11 ⁰ 27	S 14
M15	16 5 38	2 ⁰ 26'29	22 ⁰ 13	6 ⁰ 44	0 ⁰ 6	2 ⁰ 54	11 ⁰ 33	8 ⁰ 56	1 ⁰ 58	15 ⁰ 30	16 ⁰ 35	9 ⁰ 21	8 ⁰ 47	4 ⁰ 43	11 ⁰ 30	M15
T 16	16 9 34	3 ⁰ 23'56	4 ^{II} 43	8 ⁰ 55	0 ⁰ 2	3 ⁰ 38	11 ⁰ 28	8 ⁰ 51	1 ⁰ 56	15 ⁰ 28	16 ⁰ 34	9 ⁰ 13	8 ⁰ 43	4 ⁰ 50	11 ⁰ 33	T 16
W17	16 13 31	4 ⁰ 21'21	16 ⁰ 38	11 ⁰ 4	29 ^{II} 56	4 ⁰ 23	11 ⁰ 24	8 ⁰ 47	1 ⁰ 54	15 ⁰ 26	16 ⁰ 33	9 ⁰ 2	8 ⁰ 40	4 ⁰ 56	11 ⁰ 35	W17
T 18	16 17 27	5 ⁰ 18'46	28 ⁰ 31	13 ⁰ 13	29 ⁰ 47	5 ⁰ 8	11 ⁰ 19	8 ⁰ 43	1 ⁰ 52	15 ⁰ 25	16 ⁰ 32	8 ⁰ 49	8 ⁰ 37	5 ⁰ 3	11 ⁰ 38	T 18
F 19	16 21 24	6 ⁰ 16'09	10 ^{II} 24	15 ⁰ 19	29 ⁰ 36	5 ⁰ 52	11 ⁰ 14	8 ⁰ 38	1 ⁰ 50	15 ⁰ 23	16 ⁰ 31	8 ⁰ 35	8 ⁰ 34	5 ⁰ 10	11 ⁰ 40	F 19
S 20	16 25 20	7 ⁰ 13'32	22 ⁰ 17	17 ⁰ 24	29 ⁰ 22	6 ⁰ 37	11 ⁰ 9	8 ⁰ 34	1 ⁰ 48	15 ⁰ 22	16 ⁰ 30	8 ⁰ 21	8 ⁰ 31	5 ⁰ 17	11 ⁰ 42	S 20
S 21	16 29 17	8 ⁰ 10'54	4 ^{II} 13	19 ⁰ 28	29 ⁰ 6	7 ⁰ 21	11 ⁰ 4	8 ⁰ 29	1 ⁰ 46	15 ⁰ 20	16 ⁰ 29	8 ⁰ 9	8 ⁰ 28	5 ⁰ 23	11 ⁰ 45	S 21
M22	16 33 14	9 ⁰ 8'15	16 ⁰ 13	21 ⁰ 29	28 ⁰ 48	8 ⁰ 6	10 ⁰ 59	8 ⁰ 25	1 ⁰ 43	15 ⁰ 19	16 ⁰ 28	7 ⁰ 59	8 ⁰ 24	5 ⁰ 30	11 ⁰ 47	M22
T 23	16 37 10	10 ⁰ 5'35	28 ⁰ 19	23 ⁰ 28	28 ⁰ 27	8 ⁰ 50	10 ⁰ 53	8 ⁰ 21	1 ⁰ 41	15 ⁰ 17	16 ⁰ 27	7 ⁰ 52	8 ⁰ 21	5 ⁰ 37	11 ⁰ 50	T 23
W24	16 41 7	11 ⁰ 2'55	10 ^{II} 34	25 ⁰ 25	28 ⁰ 5	9 ⁰ 34	10 ⁰ 48	8 ⁰ 16	1 ⁰ 39	15 ⁰ 15	16 ⁰ 26	7 ⁰ 47	8 ⁰ 18	5 ⁰ 43	11 ⁰ 52	W24
T 25	16 45 3	12 ⁰ 0'14	23 ⁰ 3	27 ⁰ 20	27 ⁰ 40	10 ⁰ 18	10 ⁰ 42	8 ⁰ 12	1 ⁰ 37	15 ⁰ 14	16 ⁰ 26	7 ⁰ 45	8 ⁰ 15	5 ⁰ 50	11 ⁰ 54	T 25
F 26	16 49 0	12 ⁰ 5'33	5 ^{II} 48	29 ⁰ 12	27 ⁰ 13	11 ⁰ 3	10 ⁰ 36	8 ⁰ 7	1 ⁰ 35	15 ⁰ 12	16 ⁰ 25	7 ⁰ 45	8 ⁰ 12	5 ⁰ 57	11 ⁰ 56	F 26
S 27	16 52 56	13 ⁰ 54'51	18 ⁰ 54	1 ^{II} 2	26 ⁰ 44	11 ⁰ 47	10 ⁰ 30	8 ⁰ 3	1 ⁰ 32	15 ⁰ 10	16 ⁰ 24	7 ⁰ 45	8 ⁰ 8	6 ⁰ 4	11 ⁰ 58	S 27
S 28	16 56 53	14 ⁰ 52'09	2 ^{II} 25	2 ⁰ 50	26 ⁰ 14	12 ⁰ 31	10 ⁰ 24	7 ⁰ 59	1 ⁰ 30	15 ⁰ 9	16 ⁰ 23	7 ⁰ 44	8 ⁰ 5	6 ⁰ 10	12 ⁰ 0	S 28
M29	17 0 49	15 ⁰ 49'26	16 ⁰ 23	4 ⁰ 35	25 ⁰ 41	13 ⁰ 15	10 ⁰ 18	7 ⁰ 54	1 ⁰ 28	15 ⁰ 7	16 ⁰ 23	7 ⁰ 41	8 ⁰ 2	6 ⁰ 17	12 ⁰ 2	M29
T 30	17 4 46	16 ⁰ 46'43	0 ^{II} 48	6 ⁰ 18	25 ⁰ 8	13 ⁰ 59	10 ⁰ 11	7 ⁰ 50	1 ⁰ 25	15 ⁰ 6	16 ⁰ 22	7 ⁰ 36	7 ⁰ 59	6 ⁰ 24	12 ⁰ 4	T 30
W31	17 8 43	17 ^{II} 44'00	15 ^{II} 38	7 ^{II} 58	24 ^{II} 33	14 ^{II} 43	10 ^{II} 3	7 ^{II} 46	1 ^{II} 23	15 ^{II} 4	16 ^{II} 22	7 ^{II} 29	7 ^{II} 56	6 ^{II} 30	12 ^{II} 6	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	17n31	5n 7	2n18	12n36	1s19	27n27	3n58	4s27	1s33	22s53	0n 3	20s12	1n50	23s45	0s16	21s18	1n28	9n38	17n37	7s38	8s 1	25s52	6n 5	1n57					
T 2	17 47	11 45	3 21	13 24	1 10	27 25	3 55	4 9	1 33	22 54	0 3	20 11	1 50	23 45	0 16	21 18	1 28	9 38	17 37	7 40	8 3	25 53	6 7	1 57					
W 3	18 2	17 54	4 13	14 11	1 0	27 22	3 52	3 52	1 34	22 54	0 3	20 10	1 50	23 45	0 16	21 18	1 28	9 38	17 36	7 43	8 4	25 55	6 8	1 57					
T 4	18 17	23 1	4 47	14 58	0 50	27 18	3 48	3 34	1 34	22 54	0 3	20 10	1 50	23 45	0 16	21 18	1 28	9 38	17 36	7 46	8 4	25 56	6 9	1 57					
F 5	18 32	26 35	5 1	15 45	0 40	27 15	3 44	3 16	1 34	22 55	0 3	20 9	1 50	23 45	0 16	21 17	1 28	9 38	17 36	7 50	8 6	25 57	6 10	1 57					
S 6	18 47	28 12	4 54	16 32	0 30	27 10	3 40	2 58	1 34	22 55	0 2	20 9	1 50	23 45	0 16	21 17	1 28	9 39	17 35	7 54	8 7	25 59	6 11	1 57					
S 7	19 1	27 43	4 27	17 17	0 19	27 6	3 35	2 41	1 35	22 55	0 2	20 8	1 50	23 45	0 16	21 17	1 28	9 39	17 35	7 57	8 9	26 0	6 12	1 57					
M 8	19 15	25 20	3 43	18 2	0 8	27 1	3 30	2 23	1 35	22 56	0 2	20 7	1 50	23 45	0 16	21 17	1 28	9 39	17 34	7 59	8 10	26 2	6 14	1 57					
T 9	19 28	21 26	2 46	18 46	0n 2	26 55	3 25	2 5	1 35	22 56	0 2	20 7	1 50	23 45	0 16	21 17	1 28	9 39	17 34	8 1	8 11	26 3	6 15	1 57					
W10	19 42	16 30	1 42	19 28	0 13	26 49	3 19	1 47	1 35	22 57	0 2	20 6	1 50	23 45	0 16	21 17	1 28	9 39	17 34	8 1	8 12	26 4	6 16	1 57					
T 11	19 54	10 57	0 34	20 8	0 23	26 43	3 12	1 30	1 35	22 57	0 2	20 6	1 50	23 45	0 16	21 16	1 28	9 39	17 33	8 1	8 13	26 6	6 17	1 57					
F 12	20 7	5 5	0s33	20 47	0 33	26 36	3 5	1 12	1 36	22 58	0 2	20 5	1 50	23 45	0 16	21 16	1 28	9 39	17 33	8 1	8 15	26 7	6 18	1 57					
S 13	20 19	0s50	1 38	21 24	0 43	26 29	2 58	0 54	1 36	22 58	0 2	20 4	1 50	23 45	0 16	21 16	1 28	9 39	17 32	8 2	8 16	26 8	6 19	1 57					
S 14	20 31	6 36	2 36	21 59	0 53	26 21	2 50	0 36	1 36	22 58	0 1	20 4	1 49	23 45	0 16	21 16	1 28	9 39	17 32	8 3	8 17	26 10	6 20	1 57					
M15	20 43	12 3	3 27	22 31	1 2	26 13	2 42	0 19	1 36	22 59	0 1	20 3	1 49	23 45	0 16	21 16	1 28	9 39	17 32	8 5	8 18	26 11	6 21	1 57					
T 16	20 54	17 1	4 8	23 1	1 11	26 4	2 33	0 1	1 36	23 0	0 1	20 2	1 49	23 45	0 16	21 16	1 28	9 39	17 31	8 8	8 19	26 12	6 22	1 57					
W17	21 5	21 17	4 37	23 28	1 19	25 55	2 24	0n16	1 36	23 0	0 1	20 2	1 49	23 46	0 16	21 15	1 28	9 39	17 31	8 13	8 21	26 14	6 23	1 57					
T 18	21 15	24 40	4 55	23 53	1 27	25 45	2 15	0 34	1 36	23 1	0 1	20 1	1 49	23 46	0 16	21 15	1 28	9 39	17 30	8 17	8 22	26 15	6 24	1 57					
F 19	21 25	27 0	4 59	24 15	1 34	25 35	2 5	0 52	1 37	23 1	0 1	20 0	1 49	23 46	0 16	21 15	1 28	9 39	17 30	8 23	8 23	26 16	6 25	1 57					
S 20	21 35	28 7	4 51	24 34	1 40	25 25	1 54	1 9	1 37	23 2	0 1	20 0	1 49	23 46	0 16	21 15	1 28	9 39	17 29	8 28	8 24	26 18	6 26	1 57					
S 21	21 44	27 56	4 29	24 50	1 45	25 14	1 43	1 27	1 37	23 2	0 0	19 59	1 49	23 46	0 16	21 15	1 28	9 39	17 29	8 32	8 25	26 19	6 27	1 57					
M22	21 53	26 26	3 56	25 4	1 50	25 2	1 32	1 44	1 37	23 3	0 0	19 59	1 49	23 46	0 16	21 15	1 28	9 39	17 28	8 36	8 26	26 20	6 28	1 57					
T 23	22 2	23 41	3 12	25 15	1 54	24 50	1 20	2 2	1 37	23 3	0 0	19 58	1 49	23 46	0 16	21 14	1 28	9 38	17 28	8 39	8 28	26 21	6 29	1 57					
W24	22 10	19 51	2 18	25 23	1 58	24 38	1 8	2 19	1 37	23 4	0 0	19 57	1 49	23 46	0 16	21 14	1 28	9 38	17 27	8 40	8 29	26 23	6 30	1 57					
T 25	22 18	15 5	1 17	25 29	2 0	24 25	0 55	2 36	1 37	23 5	0s0	19 57	1 49	23 46	0 16	21 14	1 28	9 38	17 27	8 41	8 30	26 24	6 31	1 57					
F 26	22 25	9 34	0 10	25 33	2 2	24 11	0 43	2 54	1 37	23 5	0 0	19 56	1 49	23 46	0 16	21 14	1 28	9 38	17 26	8 41	8 31	26 25	6 32	1 57					
S 27	22 32	3 30	0n59	25 34	2 3	23 57	0 29	3 11	1 37	23 6	0 0	19 56	1 49	23 46	0 16	21 14	1 28	9 38	17 26	8 41	8 32	26 26	6 32	1 57					
S 28	22 39	2n54	2 6	25 33	2 4	23 43	0 16	3 28	1 37	23 6	0 0	19 55	1 49	23 46	0 16	21 14	1 28	9 38	17 25	8 42	8 34	26 28	6 33	1 57					
M29	22 45	9 22	3 9	25 29	2 4	23 28	0 2	3 45	1 37	23 7	0 1	19 54	1 48	23 46	0 16	21 13	1 28	9 37	17 25	8 43	8 35	26 29	6 34	1 57					
T 30	22 51	15 33	4 1	25 24	2 2	23 18	0s12	4 2	1 37	23 8	0 1	19 54	1 48	23 46	0 16	21 13	1 28	9 37	17 24	8 44	8 36	26 30	6 35	1 57					
W31	22n56	21n 1	4n39	25n17	2n 1	22n58	0s26	4n19	1s37	23s 8	0s 1	19s53	1n48	23s46	0s16	21s13	1n28	9n37	17n24	8s47	8s37	26s31	6n36	1n57					

ASTRODIENST EPHEMERIS for the year 1486
geocentric

JUNE 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 12 39	18II41'17	0II46	9S36	23°R57	15V26	9°R58	7°R41	1°R21	15°R 2	16°R21	7°R19	7H53	6A37	12V 8	T 1
F 2	17 16 36	19°38'33	16° 3	11°11	23II21	16°10	9S51	7A37	1S18	15A 1	16A20	7H 9	7°49	6°44	12°10	F 2
S 3	17 20 32	20°35'49	1S18	12°44	22°44	16°54	9°45	7°33	1°16	14°59	16°20	6°59	7°46	6°51	12°12	S 3
S 4	17 24 29	21°33'04	16°19	14°15	22° 6	17°37	9°38	7°28	1°14	14°58	16°19	6°50	7°43	6°57	12°14	S 4
M 5	17 28 25	22°30'19	0S28	15°42	21°29	18°21	9°31	7°24	1°11	14°56	16°19	6°44	7°40	7° 4	12°15	M 5
T 6	17 32 22	23°27'33	15°10	17° 7	20°51	19° 4	9°24	7°20	1° 9	14°54	16°19	6°40	7°37	7°11	12°17	T 6
W 7	17 36 19	24°24'46	28°52	18°30	20°14	19°48	9°16	7°16	1° 6	14°53	16°18	6°38	7°34	7°18	12°19	W 7
T 8	17 40 15	25°21'58	12II 7	19°50	19°38	20°31	9° 9	7°12	1° 4	14°51	16°18	6°D38	7°30	7°24	12°20	T 8
F 9	17 44 12	26°19'10	24°57	21° 7	19° 2	21°14	9° 2	7° 8	1° 2	14°50	16°18	6°R38	7°27	7°31	12°22	F 9
S 10	17 48 8	27°16'22	7A26	22°21	18°28	21°57	8°55	7° 4	0°59	14°48	16°17	6°38	7°24	7°38	12°23	S 10
S 11	17 52 5	28°13'33	19°40	23°33	17°55	22°40	8°47	7° 0	0°57	14°46	16°17	6°36	7°21	7°44	12°25	S 11
M12	17 56 1	29°10'43	1II43	24°41	17°23	23°23	8°40	6°56	0°54	14°45	16°17	6°31	7°18	7°51	12°26	M12
T 13	17 59 58	0S3 7'54	13°39	25°47	16°53	24° 6	8°32	6°52	0°52	14°43	16°17	6°25	7°14	7°58	12°27	T 13
W14	18 3 54	1° 5'04	25°32	26°50	16°24	24°49	8°25	6°48	0°49	14°42	16°17	6°15	7°11	8° 5	12°29	W14
T 15	18 7 51	2° 2'13	7A24	27°50	15°58	25°32	8°17	6°44	0°47	14°40	16°17	6° 5	7° 8	8°11	12°30	T 15
F 16	18 11 48	2°59'23	19°17	28°46	15°33	26°14	8° 9	6°41	0°45	14°39	16°16	5°53	7° 5	8°18	12°31	F 16
S 17	18 15 44	3°56'32	1S15	29°39	15°11	26°57	8° 2	6°37	0°42	14°37	16°D16	5°42	7° 2	8°25	12°32	S 17
S 18	18 19 41	4°53'42	13°17	0S29	14°51	27°39	7°54	6°33	0°40	14°36	16°16	5°31	6°59	8°32	12°33	S 18
M19	18 23 37	5°50'51	25°25	1°15	14°33	28°22	7°46	6°30	0°37	14°34	16°16	5°23	6°55	8°38	12°34	M19
T 20	18 27 34	6°48'01	7A41	1°57	14°18	29° 4	7°39	6°26	0°35	14°33	16°17	5°17	6°52	8°45	12°35	T 20
W21	18 31 30	7°45'11	20° 6	2°36	14° 5	29°46	7°31	6°23	0°33	14°31	16°17	5°14	6°49	8°52	12°36	W21
T 22	18 35 27	8°42'21	2H43	3°11	13°54	0S28	7°23	6°19	0°30	14°30	16°17	5°D13	6°46	8°58	12°37	T 22
F 23	18 39 23	9°39'31	15°35	3°42	13°46	1°10	7°16	6°16	0°28	14°28	16°17	5°13	6°43	9° 5	12°38	F 23
S 24	18 43 20	10°36'42	28°44	4° 8	13°40	1°52	7° 8	6°13	0°25	14°27	16°17	5°14	6°40	9°12	12°39	S 24
S 25	18 47 17	11°33'53	12V13	4°30	13°37	2°34	7° 0	6°10	0°23	14°26	16°17	5°R14	6°36	9°19	12°39	S 25
M26	18 51 13	12°31'05	26° 4	4°48	13°D35	3°16	6°53	6° 6	0°21	14°24	16°18	5°14	6°33	9°25	12°40	M26
T 27	18 55 10	13°28'18	10S17	5° 1	13°37	3°58	6°45	6° 3	0°18	14°23	16°18	5°11	6°30	9°32	12°41	T 27
W28	18 59 6	14°25'31	24°52	5°10	13°40	4°39	6°37	6° 0	0°16	14°21	16°18	5° 6	6°27	9°39	12°41	W28
T 29	19 3 3	15°22'45	9II44	5°R13	13°46	5°21	6°30	5°58	0°14	14°20	16°19	5° 0	6°24	9°46	12°42	T 29
F 30	19 6 59	16S20'00	24II45	5S12	13II54	6S 2	6S22	5A55	0S11	14A19	16A19	4H53	6H20	9A52	12V42	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	23n 2	25n14	4n59	25n 7	1n58	22n42	0s40	4n36	1s37	23s 9	0s 1	19s53	1n48	23s46	0s16	21s13
F 2	23 6	27 42	4 57	24 57	1 55	22 26	0 54	4 53	1 37	23 10	0 1	19 52	1 48	23 46	0 16	21 13
S 3	23 10	28 5	4 34	24 44	1 51	22 10	1 8	5 10	1 37	23 10	0 1	19 51	1 48	23 46	0 16	21 13
S 4	23 14	26 22	3 53	24 31	1 47	21 54	1 22	5 27	1 37	23 11	0 2	19 51	1 48	23 46	0 16	21 12
M 5	23 18	22 53	2 57	24 16	1 41	21 38	1 36	5 43	1 37	23 12	0 2	19 50	1 48	23 46	0 16	21 12
T 6	23 21	18 6	1 51	23 59	1 36	21 22	1 50	6 0	1 37	23 12	0 2	19 50	1 48	23 46	0 16	21 12
W 7	23 23	12 33	0 41	23 42	1 29	21 6	2 3	6 16	1 37	23 13	0 2	19 49	1 48	23 46	0 16	21 12
T 8	23 26	6 35	0s29	23 23	1 22	20 50	2 17	6 33	1 36	23 14	0 2	19 49	1 47	23 46	0 16	21 12
F 9	23 27	0 33	1 36	23 4	1 14	20 34	2 29	6 49	1 36	23 14	0 2	19 48	1 47	23 46	0 16	21 12
S 10	23 29	5s21	2 36	22 44	1 6	20 19	2 42	7 5	1 36	23 15	0 2	19 47	1 47	23 46	0 16	21 11
S 11	23 30	10 55	3 27	22 23	0 57	20 4	2 54	7 22	1 36	23 15	0 3	19 47	1 47	23 46	0 16	21 11
M12	23 30	16 0	4 9	22 2	0 48	19 50	3 5	7 38	1 36	23 16	0 3	19 46	1 47	23 46	0 16	21 11
T 13	23 30	20 25	4 39	21 40	0 38	19 36	3 16	7 54	1 36	23 17	0 3	19 46	1 47	23 46	0 16	21 11
W14	23 30	24 0	4 57	21 18	0 27	19 23	3 27	8 9	1 36	23 17	0 3	19 45	1 47	23 47	0 16	21 11
T 15	23 30	26 34	5 2	20 55	0 16	19 10	3 37	8 25	1 35	23 18	0 3	19 45	1 46	23 47	0 16	21 11
F 16	23 28	27 58	4 54	20 33	0 5	18 58	3 46	8 41	1 35	23 19	0 3	19 44	1 46	23 47	0 16	21 10
S 17	23 27	28 4	4 33	20 10	0s 7	18 47	3 55	8 56	1 35	23 19	0 3	19 44	1 46	23 47	0 16	21 10
S 18	23 25	26 50	4 0	19 48	0 19	18 37	4 4	9 12	1 35	23 20	0 4	19 44	1 46	23 47	0 16	21 10
M19	23 23	24 19	3 16	19 25	0 32	18 27	4 11	9 27	1 35	23 20	0 4	19 43	1 46	23 47	0 16	21 10
T 20	23 20	20 41	2 22	19 3	0 45	18 18	4 19	9 42	1 34	23 21	0 4	19 43	1 46	23 47	0 16	21 10
W21	23 17	16 5	1 20	18 41	0 59	18 10	4 25	9 57	1 34	23 22	0 4	19 42	1 46	23 47	0 16	21 10
T 22	23 13	10 44	0 13	18 20	1 13	18 3	4 31	10 12	1 34	23 22	0 4	19 42	1 45	23 47	0 16	21 10
F 23	23 9	4 51	0n55	17 59	1 27	17 56	4 37	10 27	1 33	23 23	0 4	19 41	1 45	23 47	0 16	21 9
S 24	23 5	1n22	2 3	17 39	1 41	17 50	4 42	10 42	1 33	23 23	0 4	19 41	1 45	23 47	0 16	21 9
S 25	23 0	7 40	3 5	17 19	1 55	17 45	4 47	10 57	1 33	23 24	0 5	19 41	1 45	23 47	0 16	21 9
M26	22 55	13 47	3 58	17 1	2 10	17 41	4 51	11 11	1 33	23 24	0 5	19 40	1 45	23 47	0 16	21 9
T 27	22 49	19 21	4 39	16 44	2 25	17 38	4 54	11 26	1 32	23 25	0 5	19 40	1 44	23 47	0 16	21 9
W28	22 43	23 55	5 2	16 27	2 39	17 35	4 57	11 40	1 32	23 26	0 5	19 40	1 44	23 47	0 16	21 9
T 29	22 37	27 1	5 6	16 12	2 54	17 33	5 0	11 54	1 32	23 26	0 5	19 39	1 44	23 47	0 16	21 9
F 30	22n30	28n13	4n49	15n59	3s 8	17n32	5s 3	12n 8	1s31	23s27	0s 5	19s39	1n44	23s47	0s16	21s 9

Julian Day Number = 2263970.5, Delta T = 05m20s

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

Ayanamsha: Fagan/Bradley = 17°34'29, Lahiri = 16°41'29 Julian Calendar 1 June 1486 == Greg. Calendar 10 June 1486

ASTRODIENST EPHEMERIS for the year 1486
geocentric

JULY 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 10 56	17°17'15	9°46	5°R 6	14°II 4	6°R43	6°R15	5°R52	0°R 9	14°R18	16°R20	4°R46	6°R17	9°R59	12°R43	S 1
S 2	19 14 52	18°14'30	24°39	4°R55	14°16	7°24	6°R 7	5°R49	0°R 7	14°R16	16°20	4°R40	6°14	10° 6	12°43	S 2
M 3	19 18 49	19°11'46	9°R14	4°40	14°30	8° 5	6° 0	5°47	0° 5	14°15	16°20	4°35	6°11	10°12	12°43	M 3
T 4	19 22 46	20° 9'03	23°26	4°20	14°46	8°46	5°53	5°44	0° 2	14°14	16°21	4°33	6° 8	10°19	12°43	T 4
W 5	19 26 42	21° 6'19	7°R12	3°55	15° 4	9°27	5°46	5°42	0° 0	14°13	16°22	4°D33	6° 5	10°26	12°44	W 5
T 6	19 30 39	22° 3'36	20°31	3°26	15°24	10° 7	5°38	5°39	29°R58	14°11	16°22	4°33	6° 1	10°33	12°44	T 6
F 7	19 34 35	23° 0'53	3°R25	2°54	15°46	10°48	5°31	5°37	29°56	14°10	16°23	4°35	5°58	10°39	12°44	F 7
S 8	19 38 32	23°58'11	15°58	2°18	16° 9	11°28	5°24	5°35	29°54	14° 9	16°24	4°36	5°55	10°46	12°R44	S 8
S 9	19 42 28	24°55'29	28°14	1°39	16°34	12° 9	5°17	5°33	29°51	14° 8	16°24	4°R36	5°52	10°53	12°44	S 9
M10	19 46 25	25°52'48	10°R17	0°57	17° 0	12°49	5°11	5°31	29°49	14° 7	16°25	4°35	5°49	10°59	12°44	M10
T 11	19 50 21	26°50'07	22°13	0°14	17°28	13°29	5° 4	5°29	29°47	14° 6	16°26	4°32	5°46	11° 6	12°43	T 11
W12	19 54 18	27°47'26	4°R 6	29°R31	17°58	14° 9	4°57	5°27	29°45	14° 5	16°27	4°28	5°42	11°13	12°43	W12
T 13	19 58 15	28°44'47	15°59	28°47	18°29	14°48	4°51	5°25	29°43	14° 4	16°27	4°22	5°39	11°20	12°43	T 13
F 14	20 2 11	29°42'07	27°55	28° 3	19° 1	15°28	4°45	5°23	29°41	14° 3	16°28	4°16	5°36	11°26	12°43	F 14
S 15	20 6 8	0°R39'29	9°R58	27°21	19°35	16° 8	4°38	5°22	29°39	14° 2	16°29	4°10	5°33	11°33	12°42	S 15
S 16	20 10 4	1°36'51	22° 9	26°42	20°10	16°47	4°32	5°20	29°37	14° 1	16°30	4° 5	5°30	11°40	12°42	S 16
M17	20 14 1	2°34'15	4°R29	26° 5	20°46	17°26	4°26	5°19	29°35	14° 0	16°31	4° 1	5°26	11°47	12°41	M17
T 18	20 17 57	3°31'39	17° 0	25°32	21°24	18° 5	4°20	5°17	29°33	13°59	16°32	3°58	5°23	11°53	12°41	T 18
W19	20 21 54	4°29'04	29°42	25° 3	22° 2	18°44	4°14	5°16	29°32	13°58	16°33	3°D57	5°20	12° 0	12°40	W19
T 20	20 25 51	5°26'30	12°R36	24°39	22°42	19°23	4° 9	5°15	29°30	13°57	16°34	3°57	5°17	12° 7	12°40	T 20
F 21	20 29 47	6°23'57	25°43	24°21	23°23	20° 2	4° 3	5°14	29°28	13°56	16°35	3°58	5°14	12°13	12°39	F 21
S 22	20 33 44	7°21'26	9°R 5	24° 9	24° 5	20°40	3°58	5°13	29°26	13°55	16°36	4° 0	5°11	12°20	12°38	S 22
S 23	20 37 40	8°18'56	22°41	24°D 3	24°47	21°19	3°53	5°12	29°25	13°55	16°38	4° 1	5° 7	12°27	12°37	S 23
M24	20 41 37	9°16'27	6°R32	24° 4	25°31	21°57	3°48	5°11	29°23	13°54	16°39	4°R 2	5° 4	12°34	12°36	M24
T 25	20 45 33	10°14'00	20°39	24°11	26°16	22°35	3°43	5°11	29°21	13°53	16°40	4° 2	5° 1	12°40	12°36	T 25
W26	20 49 30	11°11'35	5°R 0	24°26	27° 1	23°13	3°38	5°10	29°20	13°52	16°41	4° 0	4°58	12°47	12°35	W26
T 27	20 53 26	12° 9'11	19°31	24°47	27°48	23°51	3°34	5°10	29°18	13°52	16°42	3°58	4°55	12°54	12°34	T 27
F 28	20 57 23	13° 6'49	4°R 8	25°16	28°35	24°28	3°29	5° 9	29°16	13°51	16°44	3°55	4°52	13° 1	12°32	F 28
S 29	21 1 20	14° 4'27	18°45	25°52	29°23	25° 6	3°25	5° 9	29°15	13°50	16°45	3°53	4°48	13° 7	12°31	S 29
S 30	21 5 16	15° 2'08	3°R16	26°34	0°R12	25°43	3°21	5° 9	29°14	13°50	16°47	3°51	4°45	13°14	12°30	S 30
M31	21 9 13	15°R59'50	17°R34	27°R24	1°R 2	26°R20	3°R17	5°R 9	29°R12	13°R49	16°R48	3°R49	4°R42	13°R21	12°R29	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	22n23	27n20	4n12	15n47	3s22	17n31	5s 4	12n22	1s31	23s27	0s 5	19s39	1n44	23s47	0s16	21s 8	1n27	9n21	17n 7	9s48	9s14	27s 5	6n51	1n58	
S 2	22 16	24 30	3 18	15 36	3 35	17 31	5 6	12 36	1 30	23 28	0 6	19 38	1 44	23 47	0 16	21 8	1 27	9 21	17 6	9 50	9 15	27 6	6 51	1 58	
M 3	22 8	20 7	2 12	15 27	3 48	17 31	5 7	12 49	1 30	23 28	0 6	19 38	1 43	23 47	0 16	21 8	1 27	9 20	17 5	9 51	9 16	27 7	6 51	1 58	
T 4	21 59	14 41	1 0	15 20	4 0	17 32	5 8	13 3	1 30	23 28	0 6	19 38	1 43	23 47	0 16	21 8	1 27	9 19	17 5	9 52	9 17	27 8	6 51	1 58	
W 5	21 51	8 40	0s14	15 15	4 12	17 34	5 9	13 16	1 29	23 29	0 6	19 38	1 43	23 47	0 16	21 8	1 27	9 19	17 4	9 52	9 19	27 9	6 51	1 58	
T 6	21 42	2 28	1 25	15 12	4 22	17 35	5 9	13 29	1 29	23 29	0 6	19 37	1 43	23 47	0 16	21 8	1 27	9 18	17 4	9 52	9 20	27 10	6 52	1 58	
F 7	21 32	3s39	2 30	15 10	4 31	17 38	5 9	13 43	1 28	23 30	0 6	19 37	1 43	23 47	0 16	21 8	1 27	9 17	17 3	9 52	9 21	27 11	6 52	1 58	
S 8	21 23	9 27	3 25	15 11	4 39	17 41	5 8	13 55	1 28	23 30	0 6	19 37	1 42	23 47	0 16	21 8	1 27	9 16	17 2	9 51	9 22	27 12	6 52	1 59	
S 9	21 12	14 46	4 10	15 13	4 45	17 44	5 7	14 8	1 27	23 31	0 7	19 37	1 42	23 47	0 16	21 8	1 27	9 16	17 2	9 51	9 23	27 13	6 52	1 59	
M10	21 2	19 25	4 43	15 17	4 50	17 47	5 6	14 21	1 27	23 31	0 7	19 37	1 42	23 47	0 16	21 8	1 27	9 15	17 1	9 51	9 24	27 14	6 52	1 59	
T 11	20 51	23 15	5 3	15 23	4 53	17 51	5 5	14 33	1 26	23 31	0 7	19 37	1 42	23 47	0 16	21 7	1 27	9 14	17 1	9 52	9 26	27 15	6 52	1 59	
W12	20 40	26 6	5 10	15 30	4 55	17 55	5 4	14 46	1 26	23 32	0 7	19 36	1 42	23 47	0 16	21 7	1 27	9 13	17 0	9 54	9 27	27 15	6 52	1 59	
T 13	20 28	27 48	5 4	15 39	4 55	17 59	5 2	14 58	1 25	23 32	0 7	19 36	1 41	23 47	0 16	21 7	1 26	9 12	17 0	9 56	9 28	27 16	6 51	1 59	
F 14	20 16	28 14	4 45	15 50	4 53	18 4	5 0	15 10	1 25	23 33	0 7	19 36	1 41	23 47	0 16	21 7	1 26	9 11	16 59	9 58	9 29	27 17	6 51	1 59	
S 15	20 4	27 20	4 12	16 2	4 49	18 9	4 58	15 22	1 24	23 33	0 7	19 36	1 41	23 47	0 16	21 7	1 26	9 11	16 59	10 0	9 30	27 18	6 51	1 59	
S 16	19 51	25 6	3 28	16 15	4 43	18 14	4 56	15 34	1 24	23 33	0 7	19 36	1 41	23 47	0 16	21 7	1 26	9 10	16 58	10 2	9 31	27 19	6 51	1 59	
M17	19 39	21 41	2 34	16 28	4 36	18 18	4 53	15 45	1 23	23 34	0 8	19 36	1 41	23 47	0 16	21 7	1 26	9 9	16 57	10 4	9 33	27 20	6 51	1 59	
T 18	19 25	17 14	1 31	16 43	4 27	18 24	4 51	15 57	1 23	23 34	0 8	19 36	1 40	23 47	0 16	21 7	1 26	9 8	16 57	10 5	9 34	27 21	6 51	1 59	
W19	19 12	11 58	0 23	16 58	4 17	18 29	4 48	16 8	1 22	23 34	0 8	19 36	1 40	23 47	0 16	21 7	1 26	9 7	16 56	10 5	9 35	27 21	6 51	1 59	
T 20	18 58	6 7	0n47	17 14	4 5	18 34	4 45	16 19	1 21	23 35	0 8	19 36	1 40	23 47	0 16	21 7	1 26	9 6	16 56	10 5	9 36	27 22	6 50	1 59	
F 21	18 44	0n 5	1 57	17 30	3 52	18 39	4 42	16 30	1 21	23 35	0 8	19 36	1 40	23 47	0 16	21 7	1 26	9 5	16 55	10 5	9 37	27 23	6 50	1 59	
S 22	18 29	6 23	3 1	17 45	3 39	18 44	4 38	16 41	1 20	23 35	0 8	19 36	1 39	23 47	0 16	21 7	1 26	9 4	16 55	10 4	9 38	27 24	6 50	1 59	
S 23	18 14	12 30	3 56	18 1	3 24	18 49	4 35	16 52	1 20	23 35	0 8	19 36	1 39	23 47	0 16	21 7	1 26	9 4	16 54	10 4	9 40	27 25	6 50	1 59	
M24	17 59	18 7	4 39	18 16	3 8	18 55	4 32	17 2	1 19	23 36	0 8	19 36	1 39	23 47	0 16	21 7	1 26	9 3	16 54	10 4	9 41	27 25	6 49	1 59	
T 25	17 44	22 52	5 6	18 30	2 52	19 0	4 28	17 13	1 18	23 36	0 9	19 36	1 39	23 47	0 16	21 7	1 26	9 2	16 53	10 4	9 42	27 26	6 49	1 59	
W26	17 28	26 20	5 14	18 44	2 36	19 4	4 24	17 23	1 18	23 36	0 9	19 36	1 39	23 47	0 16	21 7	1 26	9 1	16 53	10 4	9 43	27 27	6 49	1 59	
T 27	17 12	28 7	5 3	18 57	2 19	19 9	4 20	17 33	1 17	23 36	0 9	19 37	1 38	23 47	0 16	21 7	1 26	9 0	16 52	10 5	9 44	27 28	6 48	1 59	
F 28	16 56	27 58	4 32	19 8	2 3	19 14	4 16	17 43	1 16	23 37	0 9	19 37	1 38	23 47	0 16	21 7	1 26	8 59	16 52	10 6	9 45	27 29	6 48	1 59	
S 29	16 39	25 53	3 43	19 18	1 46	19 18	4 12	17 53	1 15	23 37	0 9	19 37	1 38	23 47	0 16	21 6	1 26	8 58	16 51	10 7	9 47	27 29	6 47	1 59	
S 30	16 22	22 5	2 40	19 27	1 29	19 22	4 8	18 2	1 15	23 37	0 9	19 37	1 38	23 47	0 16	21 6	1 26	8 57	16 51	10 8	9 48	27 30	6 47	1 59	
M31	16n 5	17n 1	1n28	19n33	1s13	19n27	4s 4	18n12	1s14	23s37	0s 9	19s37	1n37	23s47	0s16	21s 6	1n26	8n56	16n50	10s 8	9s49	27s31	6n46	1n59	

Julian Day Number = 2264000.5, Delta T = 05m20s

Ecliptic obliquity = 23°30'29", Nutation = 0°00'08", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°34'33", Lahiri = 16°41'33" Julian Calendar 1 July 1486 == Greg. Calendar 10 July 1486

ASTRODIENST EPHEMERIS for the year 1486
geocentric

AUGUST 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	21 13 9	16♌57°32	1♏35	28♍20	1♌52	26♌57	3°R13	5°D 9	29°R11	13°R49	16♌49	3°D49	4♌39	13♌27	12°R28	T 1
W 2	21 17 6	17°55'17	15°14	29°22	2°43	27°34	3♌10	5♌9	29♌9	13♌48	16°51	3♌49	4°36	13°34	12°Y26	W 2
T 3	21 21 2	18°53'02	28°31	0♌31	3°34	28°11	3° 6	5° 9	29° 8	13°48	16°52	3°50	4°32	13°41	12°25	T 3
F 4	21 24 59	19°50'48	11♌26	1°46	4°26	28°47	3° 3	5° 9	29° 7	13°47	16°54	3°51	4°29	13°48	12°24	F 4
S 5	21 28 55	20°48'36	24° 1	3° 7	5°19	29°23	3° 0	5°10	29° 6	13°47	16°55	3°52	4°26	13°54	12°22	S 5
S 6	21 32 52	21°46'25	6♌20	4°33	6°13	29°59	2°57	5°10	29° 4	13°47	16°57	3°53	4°23	14° 1	12°21	S 6
M 7	21 36 49	22°44'16	18°25	6° 3	7° 7	0♌35	2°54	5°11	29° 3	13°46	16°58	3°R53	4°20	14° 8	12°19	M 7
T 8	21 40 45	23°42'07	0♌22	7°39	8° 1	1°11	2°52	5°11	29° 2	13°46	17° 0	3°53	4°17	14°14	12°18	T 8
W 9	21 44 42	24°40'00	12°16	9°18	8°56	1°46	2°50	5°12	29° 1	13°46	17° 2	3°53	4°13	14°21	12°16	W 9
T 10	21 48 38	25°37'54	24°10	11° 1	9°52	2°21	2°47	5°13	29° 0	13°45	17° 3	3°52	4°10	14°28	12°14	T 10
F 11	21 52 35	26°35'50	6♌9	12°48	10°48	2°56	2°46	5°14	28°59	13°45	17° 5	3°51	4° 7	14°35	12°12	F 11
S 12	21 56 31	27°33'47	18°16	14°37	11°45	3°31	2°44	5°15	28°58	13°45	17° 7	3°50	4° 4	14°41	12°11	S 12
S 13	22 0 28	28°31'45	0♌35	16°28	12°42	4° 6	2°42	5°16	28°58	13°45	17° 8	3°49	4° 1	14°48	12° 9	S 13
M14	22 4 24	29°29'45	13° 7	18°21	13°39	4°40	2°41	5°17	28°57	13°45	17°10	3°49	3°58	14°55	12° 7	M14
T 15	22 8 21	0♏27°46	25°55	20°16	14°37	5°14	2°40	5°19	28°56	13°45	17°12	3°49	3°54	15° 2	12° 5	T 15
W16	22 12 18	1°25'49	8♌57	22°11	15°36	5°48	2°39	5°20	28°55	13°45	17°14	3°D49	3°51	15° 8	12° 3	W16
T 17	22 16 14	2°23'53	22°14	24° 7	16°35	6°22	2°38	5°22	28°55	13°D45	17°16	3°49	3°48	15°15	12° 1	T 17
F 18	22 20 11	3°22'00	5♌46	26° 4	17°34	6°55	2°37	5°23	28°54	13°45	17°18	3°R49	3°45	15°22	11°59	F 18
S 19	22 24 7	4°20'08	19°30	28° 1	18°34	7°29	2°37	5°25	28°53	13°45	17°19	3°49	3°42	15°28	11°57	S 19
S 20	22 28 4	5°18'18	3♌24	29°58	19°34	8° 2	2°37	5°27	28°53	13°45	17°21	3°49	3°38	15°35	11°55	S 20
M21	22 32 0	6°16'31	17°27	1♏54	20°34	8°35	2°D37	5°29	28°52	13°45	17°23	3°49	3°35	15°42	11°53	M21
T 22	22 35 57	7°14'45	1♏36	3°50	21°35	9° 7	2°37	5°31	28°52	13°45	17°25	3°D48	3°32	15°49	11°51	T 22
W23	22 39 53	8°13'02	15°49	5°46	22°36	9°39	2°37	5°33	28°52	13°45	17°27	3°48	3°29	15°55	11°48	W23
T 24	22 43 50	9°11'21	0♌4	7°40	23°38	10°11	2°38	5°35	28°51	13°45	17°29	3°49	3°26	16° 2	11°46	T 24
F 25	22 47 47	10° 9'42	14°18	9°34	24°40	10°43	2°38	5°37	28°51	13°46	17°31	3°49	3°23	16° 9	11°44	F 25
S 26	22 51 43	11° 8'05	28°28	11°27	25°42	11°15	2°39	5°40	28°51	13°46	17°33	3°50	3°19	16°15	11°42	S 26
S 27	22 55 40	12° 6'30	12♌31	13°19	26°45	11°46	2°40	5°42	28°51	13°46	17°35	3°50	3°16	16°22	11°39	S 27
M28	22 59 36	13° 4'57	26°24	15°10	27°47	12°17	2°42	5°45	28°51	13°47	17°37	3°51	3°13	16°29	11°37	M28
T 29	23 3 33	14° 3'26	10♏3	17° 0	28°51	12°48	2°43	5°47	28°51	13°47	17°39	3°R51	3°10	16°36	11°35	T 29
W30	23 7 29	15° 1'57	23°27	18°49	29°54	13°18	2°45	5°50	28°D50	13°47	17°41	3°50	3° 7	16°42	11°32	W30
T 31	23 11 26	16♏0'30	6♌34	20♏37	0♌58	13♏48	2♌47	5♌53	28♌51	13♌48	17♌43	3♌49	3♌4	16♌49	11♌30	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	15n48	11n 8	0n12	19n38	0s56	19n30	3s59	18n21	1s13	23s38	0s 9	19s37	1n37	23s47	0s16	21s 6
W 2	15 30	4 52	1s 3	19 41	0 41	19 34	3 55	18 30	1 12	23 38	0 10	19 38	1 37	23 47	0 16	21 6
T 3	15 12	1s26	2 12	19 41	0 25	19 37	3 51	18 39	1 12	23 38	0 10	19 38	1 37	23 47	0 16	21 6
F 4	14 54	7 30	3 13	19 39	0 11	19 40	3 46	18 48	1 11	23 38	0 10	19 38	1 37	23 47	0 16	21 6
S 5	14 36	13 6	4 3	19 34	0n 3	19 43	3 41	18 56	1 10	23 38	0 10	19 38	1 36	23 47	0 16	21 6
S 6	14 17	18 5	4 41	19 27	0 17	19 45	3 37	19 5	1 9	23 38	0 10	19 39	1 36	23 47	0 16	21 6
M 7	13 59	22 14	5 5	19 17	0 29	19 47	3 32	19 13	1 8	23 39	0 10	19 39	1 36	23 47	0 16	21 6
T 8	13 39	25 26	5 16	19 4	0 40	19 49	3 27	19 21	1 7	23 39	0 10	19 39	1 36	23 47	0 16	21 6
W 9	13 20	27 30	5 13	18 48	0 51	19 50	3 22	19 29	1 6	23 39	0 10	19 40	1 36	23 47	0 16	21 6
T 10	13 1	28 19	4 57	18 29	1 1	19 52	3 17	19 37	1 6	23 39	0 10	19 40	1 35	23 47	0 16	21 7
F 11	12 41	27 49	4 28	18 8	1 10	19 52	3 13	19 45	1 5	23 39	0 10	19 41	1 35	23 47	0 16	21 7
S 12	12 21	26 0	3 46	17 44	1 17	19 52	3 8	19 52	1 4	23 39	0 11	19 41	1 35	23 47	0 16	21 7
S 13	12 1	22 55	2 54	17 17	1 24	19 52	3 3	20 0	1 3	23 40	0 11	19 41	1 35	23 47	0 16	21 7
M14	11 41	18 43	1 52	16 48	1 30	19 52	2 58	20 7	1 2	23 40	0 11	19 42	1 34	23 47	0 16	21 7
T 15	11 20	13 36	0 44	16 17	1 35	19 51	2 52	20 14	1 1	23 40	0 11	19 42	1 34	23 47	0 16	21 7
W16	11 0	7 48	0n28	15 43	1 39	19 49	2 47	20 21	1 0	23 40	0 11	19 43	1 34	23 47	0 16	21 7
T 17	10 39	1 33	1 40	15 8	1 43	19 47	2 42	20 28	0 59	23 40	0 11	19 43	1 34	23 47	0 16	21 7
F 18	10 18	4n52	2 48	14 31	1 45	19 45	2 37	20 35	0 58	23 40	0 11	19 44	1 34	23 47	0 16	21 7
S 19	9 57	11 9	3 47	13 52	1 46	19 42	2 32	20 41	0 57	23 40	0 11	19 44	1 33	23 47	0 16	21 7
S 20	9 36	16 58	4 33	13 11	1 47	19 39	2 27	20 48	0 56	23 40	0 11	19 45	1 33	23 47	0 16	21 7
M21	9 14	21 57	5 4	12 30	1 47	19 36	2 22	20 54	0 55	23 40	0 11	19 45	1 33	23 46	0 16	21 7
T 22	8 53	25 42	5 17	11 47	1 47	19 31	2 17	21 0	0 54	23 41	0 12	19 46	1 33	23 46	0 16	21 7
W23	8 31	27 53	5 10	11 4	1 46	19 27	2 12	21 6	0 53	23 41	0 12	19 46	1 32	23 46	0 16	21 7
T 24	8 9	28 15	4 44	10 19	1 44	19 22	2 6	21 12	0 51	23 41	0 12	19 47	1 32	23 46	0 16	21 7
F 25	7 47	26 44	4 1	9 34	1 41	19 16	2 1	21 17	0 50	23 41	0 12	19 48	1 32	23 46	0 16	21 7
S 26	7 25	23 31	3 4	8 48	1 39	19 10	1 56	21 23	0 49	23 41	0 12	19 48	1 32	23 46	0 16	21 7
S 27	7 2	18 56	1 55	8 2	1 35	19 3	1 51	21 28	0 48	23 41	0 12	19 49	1 32	23 46	0 16	21 8
M28	6 40	13 24	0 41	7 16	1 31	18 56	1 46	21 33	0 47	23 41	0 12	19 50	1 31	23 46	0 16	21 8
T 29	6 17	7 17	0s34	6 29	1 27	18 48	1 41	21 39	0 46	23 41	0 12	19 50	1 31	23 46	0 16	21 8
W30	5 55	0 59	1 46	5 42	1 23	18 40	1 36	21 44	0 44	23 41	0 12	19 51	1 31	23 46	0 16	21 8
T 31	5n32	5s14	2s51	4n55	1n18	18n32	1s31	21n49	0s43	23s41	0s12	19s52	1n31	23s46	0s16	21s 8

Julian Day Number = 2264031.5, Delta T = 05m19s
Ecliptic obliquity = 23°30'30, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°34'37, Lahiri = 16°41'38 Julian Calendar 1 Aug. 1486 == Greg. Calendar 10 Aug. 1486

ASTRODIENST EPHEMERIS for the year 1486

geocentric

SEPTEMBER 1486 JC

00:00 UT

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

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	5n 9	11s 5	3s46	4n 8	1n13	18n22	1s26	21n53	0s42	23s41	0s12	19s52	1n31	23s46	0s16	21s 8	1n24	8n23	16n38	10s 9	10s26	27s50	6n22	1n59				
S 2	4 46	16 22	4 28	3 21	1 7	18 13	1 21	21 58	0 41	23 41	0 13	19 53	1 30	23 46	0 16	21 8	1 24	8 22	16 37	10 10	10 27	27 51	6 21	1 59				
S 3	4 23	20 53	4 57	2 34	1 2	18 3	1 16	22 2	0 39	23 41	0 13	19 54	1 30	23 46	0 16	21 8	1 24	8 21	16 37	10 10	10 28	27 51	6 20	1 59				
M 4	4 0	24 27	5 13	1 48	0 56	17 52	1 11	22 7	0 38	23 41	0 13	19 55	1 30	23 46	0 16	21 8	1 24	8 20	16 37	10 11	10 29	27 51	6 19	1 59				
T 5	3 37	26 55	5 14	1 1	0 50	17 41	1 6	22 11	0 37	23 41	0 13	19 55	1 30	23 46	0 16	21 9	1 24	8 19	16 37	10 11	10 30	27 52	6 18	1 59				
W 6	3 14	28 10	5 2	0 15	0 43	17 29	1 1	22 15	0 35	23 41	0 13	19 56	1 30	23 46	0 16	21 9	1 24	8 18	16 36	10 12	10 32	27 52	6 17	1 59				
T 7	2 51	28 7	4 38	0s31	0 37	17 17	0 56	22 19	0 34	23 41	0 13	19 57	1 29	23 46	0 16	21 9	1 24	8 17	16 36	10 11	10 33	27 53	6 16	1 59				
F 8	2 27	26 45	4 1	1 17	0 30	17 4	0 51	22 23	0 33	23 41	0 13	19 58	1 29	23 46	0 16	21 9	1 24	8 16	16 36	10 11	10 34	27 53	6 15	1 59				
S 9	2 4	24 7	3 12	2 3	0 24	16 51	0 46	22 27	0 31	23 41	0 13	19 58	1 29	23 46	0 16	21 9	1 24	8 15	16 36	10 11	10 35	27 54	6 14	1 59				
S 10	1 41	20 20	2 14	2 48	0 17	16 38	0 42	22 31	0 30	23 41	0 13	19 59	1 29	23 46	0 16	21 9	1 23	8 14	16 35	10 10	10 36	27 54	6 13	1 59				
M11	1 17	15 33	1 8	3 33	0 10	16 23	0 37	22 35	0 28	23 41	0 13	20 0	1 29	23 46	0 16	21 9	1 23	8 13	16 35	10 10	10 37	27 54	6 11	1 59				
T 12	0 54	9 57	0n 2	4 17	0 3	16 9	0 32	22 38	0 27	23 41	0 13	20 1	1 28	23 46	0 16	21 9	1 23	8 12	16 35	10 9	10 38	27 55	6 10	1 59				
W13	0 30	3 47	1 15	5 1	0s 4	15 54	0 28	22 42	0 25	23 41	0 13	20 2	1 28	23 46	0 16	21 10	1 23	8 11	16 35	10 10	10 40	27 55	6 9	1 59				
T 14	0 7	2n43	2 25	5 44	0 11	15 38	0 23	22 45	0 24	23 41	0 14	20 3	1 28	23 46	0 16	21 10	1 23	8 10	16 35	10 10	10 41	27 55	6 8	1 59				
F 15	0s17	9 12	3 28	6 27	0 19	15 22	0 19	22 49	0 22	23 41	0 14	20 3	1 28	23 46	0 16	21 10	1 23	8 9	16 34	10 11	10 42	27 56	6 7	1 59				
S 16	0 40	15 20	4 19	7 9	0 26	15 6	0 14	22 52	0 20	23 41	0 14	20 4	1 28	23 46	0 16	21 10	1 23	8 8	16 34	10 13	10 43	27 56	6 6	1 59				
S 17	1 4	20 41	4 54	7 51	0 33	14 49	0 10	22 55	0 19	23 41	0 14	20 5	1 27	23 46	0 16	21 10	1 23	8 7	16 34	10 14	10 44	27 57	6 5	1 58				
M18	1 28	24 52	5 11	8 32	0 40	14 31	0 6	22 58	0 17	23 41	0 14	20 6	1 27	23 46	0 16	21 10	1 23	8 6	16 34	10 16	10 45	27 57	6 3	1 58				
T 19	1 51	27 28	5 8	9 13	0 47	14 13	0 1	23 1	0 16	23 41	0 14	20 7	1 27	23 46	0 16	21 11	1 23	8 5	16 34	10 17	10 46	27 57	6 2	1 58				
W20	2 15	28 15	4 46	9 53	0 55	13 55	0n 3	23 4	0 14	23 41	0 14	20 8	1 27	23 46	0 16	21 11	1 23	8 4	16 34	10 17	10 48	27 58	6 1	1 58				
T 21	2 38	27 9	4 7	10 32	1 2	13 36	0 7	23 7	0 12	23 41	0 14	20 9	1 27	23 46	0 16	21 11	1 23	8 3	16 34	10 18	10 49	27 58	6 0	1 58				
F 22	3 2	24 22	3 14	11 11	1 9	13 17	0 11	23 10	0 11	23 41	0 14	20 10	1 27	23 46	0 16	21 11	1 23	8 2	16 33	10 17	10 50	27 58	5 59	1 58				
S 23	3 25	20 11	2 10	11 49	1 16	12 58	0 15	23 13	0 9	23 40	0 14	20 11	1 26	23 46	0 16	21 11	1 23	8 1	16 33	10 17	10 51	27 58	5 58	1 58				
S 24	3 48	15 0	1 12	12 27	1 23	12 38	0 19	23 16	0 7	23 40	0 14	20 12	1 26	23 46	0 16	21 12	1 23	8 0	16 33	10 16	10 52	27 59	5 56	1 58				
M25	4 12	9 10	0s13	13 3	1 30	12 17	0 23	23 18	0 5	23 40	0 14	20 13	1 26	23 46	0 16	21 12	1 23	7 59	16 33	10 16	10 53	27 59	5 55	1 58				
T 26	4 35	3 1	1 24	13 39	1 36	11 56	0 27	23 21	0 3	23 40	0 14	20 14	1 26	23 46	0 16	21 12	1 23	7 58	16 33	10 16	10 54	27 59	5 54	1 58				
W27	4 58	3s 9	2 29	14 14	1 43	11 35	0 31	23 23	0 1	23 40	0 15	20 15	1 26	23 46	0 16	21 12	1 23	7 57	16 33	10 18	10 56	28 0	5 53	1 58				
T 28	5 22	9 6	3 26	14 48	1 49	11 14	0 34	23 26	0n 0	23 40	0 15	20 15	1 26	23 46	0 16	21 12	1 23	7 56	16 33	10 19	10 57	28 0	5 52	1 58				
F 29	5 45	14 34	4 11	15 21	1 56	10 52	0 38	23 29	0 2	23 40	0 15	20 16	1 25	23 46	0 16	21 13	1 23	7 55	16 33	10 22	10 58	28 0	5 50	1 58				
S 30	6s 8	19s21	4s44	15s54	2s 2	10n30	0n41	23n31	0n 4	23s39	0s15	20s17	1n25	23s46	0s16	21s13	1n22	7n54	16n33	10s25	10s59	28s 0	5n49	1n57				

ASTRODIENST EPHEMERIS for the year 1486

geocentric

OCTOBER 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 13 39	16♌31'29	22♍16	8♎36	5♏46	26♐15	5♑13	8♒0	29♓17	14♓17	18♐55	2♑R55	1♒25	20♓17	10♑R 5	S 1
M 2	1 17 36	17°31'07	4♒19	9°54	6°56	26°32	5°20	8°6	29°18	14°19	18°57	2♒48	1°22	20°24	10♑R 2	M 2
T 3	1 21 32	18°30'46	16°15	11°10	8°6	26°48	5°28	8°11	29°20	14°20	19°0	2°41	1°19	20°31	9°59	T 3
W 4	1 25 29	19°30'28	28°6	12°25	9°17	27°3	5°35	8°16	29°22	14°21	19°2	2°37	1°15	20°37	9°56	W 4
T 5	1 29 25	20°30'11	9♑57	13°39	10°27	27°18	5°43	8°22	29°24	14°23	19°5	2°34	1°12	20°44	9°54	T 5
F 6	1 33 22	21°29'56	21°53	14°51	11°38	27°32	5°51	8°27	29°25	14°24	19°7	2°D33	1°9	20°51	9°51	F 6
S 7	1 37 18	22°29'43	3♒59	16°1	12°49	27°46	5°59	8°33	29°27	14°26	19°9	2°34	1°6	20°58	9°48	S 7
S 8	1 41 15	23°29'31	16°19	17°10	14°0	27°59	6°7	8°38	29°29	14°28	19°12	2°35	1°3	21°4	9°45	S 8
M 9	1 45 11	24°29'21	29°0	18°16	15°11	28°11	6°15	8°44	29°31	14°29	19°14	2°R36	1°0	21°11	9°43	M 9
T 10	1 49 8	25°29'13	12♒4	19°20	16°22	28°23	6°24	8°50	29°33	14°31	19°17	2°36	0°56	21°18	9°40	T 10
W 11	1 53 5	26°29'06	25°34	20°21	17°33	28°34	6°32	8°55	29°35	14°32	19°19	2°33	0°53	21°24	9°37	W 11
T 12	1 57 1	27°29'02	9♑50	21°19	18°45	28°44	6°41	9°1	29°37	14°34	19°21	2°29	0°50	21°31	9°35	T 12
F 13	2 0 58	28°28'59	23°50	22°14	19°56	28°53	6°50	9°7	29°39	14°36	19°24	2°22	0°47	21°38	9°32	F 13
S 14	2 4 54	29°28'58	8♒29	23°6	21°8	29°2	6°59	9°13	29°42	14°37	19°26	2°13	0°44	21°45	9°29	S 14
S 15	2 8 51	0♍28'59	23°19	23°54	22°20	29°10	7°8	9°19	29°44	14°39	19°29	2°4	0°41	21°51	9°27	S 15
M 16	2 12 47	1°29'02	8♐11	24°37	23°32	29°18	7°17	9°25	29°46	14°41	19°31	1°55	0°37	21°58	9°24	M 16
T 17	2 16 44	2°29'07	22°58	25°15	24°44	29°24	7°27	9°31	29°48	14°43	19°33	1°48	0°34	22°5	9°22	T 17
W 18	2 20 40	3°29'15	7♑31	25°48	25°56	29°30	7°36	9°37	29°51	14°45	19°36	1°42	0°31	22°11	9°19	W 18
T 19	2 24 37	4°29'24	21°48	26°15	27°8	29°35	7°46	9°43	29°53	14°46	19°38	1°40	0°28	22°18	9°16	T 19
F 20	2 28 34	5°29'36	5♏46	26°35	28°20	29°39	7°55	9°50	29°56	14°48	19°40	1°D39	0°25	22°25	9°14	F 20
S 21	2 32 30	6°29'50	19°25	26°48	29°33	29°43	8°5	9°56	29°58	14°50	19°43	1°39	0°21	22°32	9°12	S 21
S 22	2 36 27	7°30'06	2♏46	26°R52	0♍45	29°45	8°15	10°2	0♑0	14°52	19°45	1°R40	0°18	22°38	9°9	S 22
M 23	2 40 23	8°30'23	15°53	26°48	1°58	29°47	8°25	10°8	0°3	14°54	19°47	1°39	0°15	22°45	9°7	M 23
T 24	2 44 20	9°30'43	28°46	26°35	3°10	29°48	8°35	10°15	0°6	14°56	19°50	1°36	0°12	22°52	9°4	T 24
W 25	2 48 16	10°31'05	11♌28	26°12	4°23	29°R48	8°46	10°21	0°8	14°58	19°52	1°30	0°9	22°58	9°2	W 25
T 26	2 52 13	11°31'28	24°0	25°39	5°36	29°48	8°56	10°28	0°11	15°0	19°54	1°21	0°6	23°5	9°0	T 26
F 27	2 56 9	12°31'54	6♍22	24°56	6°49	29°46	9°7	10°34	0°13	15°2	19°57	1°9	0°2	23°12	8°58	F 27
S 28	3 0 6	13°32'21	18°36	24°3	8°2	29°44	9°17	10°41	0°16	15°4	19°59	0°56	29°59	23°19	8°55	S 28
S 29	3 4 3	14°32'50	0♒41	23°1	9°15	29°40	9°28	10°47	0°19	15°6	20°1	0°42	29°56	23°25	8°53	S 29
M 30	3 7 59	15°33'20	12°39	21°52	10°28	29°36	9°39	10°54	0°22	15°8	20°3	0°28	29°53	23°32	8°51	M 30
T 31	3 11 56	16°33'52	24♒32	20♍36	11♌41	29°31	9♑50	11♒0	0♑25	15♒10	20♌6	0♒16	29°50	23♒39	8♑49	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	6s31	23s15	5s 3	16s25	2s 8	10n 7	0n45	23n34	0n 6	23s39	0s15	20s18	1n25	23s46	0s16	21s13
M 2	6 54	26 6	5 8	16 56	2 13	9 44	0 48	23 36	0 8	23 39	0 15	20 19	1 25	23 46	0 16	21 13
T 3	7 17	27 45	4 59	17 25	2 19	9 21	0 51	23 38	0 10	23 39	0 15	20 20	1 25	23 46	0 16	21 13
W 4	7 39	28 8	4 38	17 54	2 24	8 57	0 55	23 41	0 12	23 38	0 15	20 21	1 25	23 46	0 16	21 14
T 5	8 2	27 12	4 5	18 21	2 29	8 33	0 58	23 43	0 14	23 38	0 15	20 22	1 24	23 46	0 16	21 14
F 6	8 24	25 2	3 21	18 47	2 34	8 9	1 1	23 46	0 17	23 38	0 15	20 23	1 24	23 46	0 16	21 14
S 7	8 47	21 42	2 28	19 12	2 38	7 45	1 4	23 48	0 19	23 38	0 15	20 24	1 24	23 46	0 16	21 14
S 8	9 9	17 22	1 26	19 36	2 42	7 20	1 6	23 51	0 21	23 37	0 15	20 25	1 24	23 46	0 16	21 14
M 9	9 31	12 10	0 19	19 58	2 46	6 55	1 9	23 53	0 23	23 37	0 15	20 27	1 24	23 46	0 16	21 15
T 10	9 53	6 17	0n51	20 19	2 49	6 30	1 12	23 55	0 25	23 37	0 15	20 28	1 24	23 46	0 16	21 15
W 11	10 15	0n 4	2 0	20 38	2 51	6 4	1 15	23 58	0 28	23 36	0 15	20 29	1 23	23 46	0 16	21 15
T 12	10 36	6 36	3 4	20 56	2 54	5 39	1 17	24 0	0 30	23 36	0 16	20 30	1 23	23 46	0 16	21 15
F 13	10 58	12 58	3 59	21 12	2 55	5 13	1 20	24 3	0 32	23 35	0 16	20 31	1 23	23 46	0 16	21 16
S 14	11 19	18 46	4 39	21 26	2 56	4 47	1 22	24 5	0 35	23 35	0 16	20 32	1 23	23 46	0 16	21 16
S 15	11 40	23 30	5 1	21 38	2 56	4 20	1 24	24 8	0 37	23 35	0 16	20 33	1 23	23 46	0 16	21 16
M 16	12 1	26 42	5 2	21 49	2 55	3 54	1 26	24 10	0 40	23 34	0 16	20 34	1 23	23 46	0 16	21 16
T 17	12 22	28 3	4 44	21 57	2 54	3 27	1 28	24 13	0 42	23 34	0 16	20 35	1 23	23 46	0 16	21 17
W 18	12 43	27 24	4 7	22 2	2 51	3 0	1 30	24 15	0 45	23 33	0 16	20 36	1 23	23 46	0 16	21 17
T 19	13 3	24 57	3 16	22 5	2 48	2 33	1 32	24 18	0 47	23 33	0 16	20 37	1 22	23 46	0 16	21 17
F 20	13 23	21 2	2 13	22 5	2 43	2 6	1 34	24 20	0 50	23 32	0 16	20 38	1 22	23 46	0 16	21 17
S 21	13 43	16 4	1 5	22 3	2 37	1 39	1 36	24 23	0 52	23 32	0 16	20 39	1 22	23 46	0 16	21 17
S 22	14 3	10 25	0s 6	21 57	2 30	1 11	1 37	24 26	0 55	23 31	0 16	20 40	1 22	23 46	0 16	21 18
M 23	14 23	4 26	1 15	21 47	2 21	0 44	1 39	24 28	0 58	23 31	0 16	20 41	1 22	23 46	0 16	21 18
T 24	14 42	1s38	2 19	21 34	2 11	0 16	1 40	24 31	1 0	23 30	0 16	20 42	1 22	23 46	0 16	21 18
W 25	15 1	7 32	3 14	21 17	1 59	0s12	1 42	24 34	1 3	23 29	0 16	20 43	1 22	23 46	0 16	21 18
T 26	15 20	13 3	4 0	20 56	1 45	0 39	1 43	24 36	1 6	23 29	0 16	20 44	1 22	23 46	0 16	21 19
F 27	15 39	17 58	4 33	20 30	1 30	1 7	1 44	24 39	1 9	23 28	0 17	20 45	1 21	23 46	0 16	21 19
S 28	15 57	22 6	4 54	20 1	1 13	1 35	1 45	24 42	1 11	23 27	0 17	20 46	1 21	23 46	0 16	21 19
S 29	16 15	25 15	5 0	19 28	0 55	2 3	1 46	24 45	1 14	23 27	0 17	20 47	1 21	23 46	0 16	21 19
M 30	16 33	27 14	4 54	18 51	0 35	2 31	1 47	24 48	1 17	23 26	0 17	20 48	1 21	23 46	0 16	21 20
T 31	16s50	27s58	4s34	18s12	0s15	2s59	1n48	24n50	1n20	23s25	0s17	20s49	1n21	23s46	0s16	21s20

Julian Day Number = 2264092.5, Delta T = 05m19s

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

Ayanamsha: Fagan/Bradley = 17°34'46, Lahiri = 16°41'46 Julian Calendar 1 Oct. 1486 == Greg. Calendar 10 Oct. 1486

ASTRODIENST EPHEMERIS for the year 1486

geocentric

NOVEMBER 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	3 15 52	17 ¹¹ 34'25	6 ³ 22	19 ¹⁹ R16	12 ¹² 54	29 ²⁹ R25	10 ¹⁰ 3 1	11 ¹¹ 7 7	0 ⁰ 27	15 ¹⁵ 12	20 ²⁰ 8 8	0 ⁰ R 7	29 ²⁹ 46	23 ²³ 45	8 ⁸ R47	W 1
T 2	3 19 49	18 ¹⁸ 35'00	18 ¹⁸ 11	17 ¹⁷ 55	14 ¹⁴ 8	29 ²⁹ II18	10 ¹⁰ 12	11 ¹¹ 14	0 ⁰ 30	15 ¹⁵ 14	20 ²⁰ 10	0 ⁰ 1 1	29 ²⁹ 43	23 ²³ 52	8 ⁸ Y45	T 2
F 3	3 23 45	19 ¹⁹ 35'36	0 ⁰ 4 4	16 ¹⁶ 35	15 ¹⁵ 21	29 ²⁹ 11	10 ¹⁰ 23	11 ¹¹ 20	0 ⁰ 33	15 ¹⁵ 16	20 ²⁰ 12	29 ²⁹ 57	29 ²⁹ 40	23 ²³ 59	8 ⁸ 43	F 3
S 4	3 27 42	20 ²⁰ 36'13	12 ¹² 6	15 ¹⁵ 19	16 ¹⁶ 35	29 ²⁹ 2	10 ¹⁰ 34	11 ¹¹ 27	0 ⁰ 36	15 ¹⁵ 18	20 ²⁰ 14	29 ²⁹ 55	29 ²⁹ 37	24 ²⁴ 6	8 ⁸ 41	S 4
S 5	3 31 38	21 ²¹ 36'52	24 ²⁴ 22	14 ¹⁴ 9	17 ¹⁷ 48	28 ²⁸ 53	10 ¹⁰ 46	11 ¹¹ 34	0 ⁰ 39	15 ¹⁵ 20	20 ²⁰ 16	29 ²⁹ 55	29 ²⁹ 34	24 ²⁴ 12	8 ⁸ 39	S 5
M 6	3 35 35	22 ²² 37'31	6 ⁶ 57	13 ¹³ 8	19 ¹⁹ 2	28 ²⁸ 42	10 ¹⁰ 57	11 ¹¹ 41	0 ⁰ 42	15 ¹⁵ 22	20 ²⁰ 19	29 ²⁹ 55	29 ²⁹ 31	24 ²⁴ 19	8 ⁸ 37	M 6
T 7	3 39 32	23 ²³ 38'12	19 ¹⁹ 56	12 ¹² 16	20 ²⁰ 15	28 ²⁸ 31	11 ¹¹ 9	11 ¹¹ 47	0 ⁰ 45	15 ¹⁵ 24	20 ²⁰ 21	29 ²⁹ 54	29 ²⁹ 27	24 ²⁴ 26	8 ⁸ 35	T 7
W 8	3 43 28	24 ²⁴ 38'53	3 ³ Y24	11 ¹¹ 36	21 ²¹ 29	28 ²⁸ 19	11 ¹¹ 20	11 ¹¹ 54	0 ⁰ 48	15 ¹⁵ 26	20 ²⁰ 23	29 ²⁹ 51	29 ²⁹ 24	24 ²⁴ 32	8 ⁸ 34	W 8
T 9	3 47 25	25 ²⁵ 39'36	17 ¹⁷ 21	11 ¹¹ 7	22 ²² 43	28 ²⁸ 6	11 ¹¹ 32	12 ¹² 1	0 ⁰ 51	15 ¹⁵ 29	20 ²⁰ 25	29 ²⁹ 45	29 ²⁹ 21	24 ²⁴ 39	8 ⁸ 32	T 9
F 10	3 51 21	26 ²⁶ 40'20	1 ¹ 848	10 ¹⁰ 50	23 ²³ 56	27 ²⁷ 53	11 ¹¹ 44	12 ¹² 8	0 ⁰ 54	15 ¹⁵ 31	20 ²⁰ 27	29 ²⁹ 36	29 ²⁹ 18	24 ²⁴ 46	8 ⁸ 30	F 10
S 11	3 55 18	27 ²⁷ 41'06	16 ¹⁶ 40	10 ¹⁰ D44	25 ²⁵ 10	27 ²⁷ 38	11 ¹¹ 56	12 ¹² 15	0 ⁰ 57	15 ¹⁵ 33	20 ²⁰ 29	29 ²⁹ 25	29 ²⁹ 15	24 ²⁴ 52	8 ⁸ 29	S 11
S 12	3 59 14	28 ²⁸ 41'52	1 ¹ II48	10 ¹⁰ 49	26 ²⁶ 24	27 ²⁷ 23	12 ¹² 8	12 ¹² 22	1 ¹ 1	15 ¹⁵ 35	20 ²⁰ 31	29 ²⁹ 13	29 ²⁹ 12	24 ²⁴ 59	8 ⁸ 27	S 12
M13	4 3 11	29 ²⁹ 42'40	17 ¹⁷ 3	11 ¹¹ 4	27 ²⁷ 38	27 ²⁷ 7	12 ¹² 20	12 ¹² 29	1 ¹ 4	15 ¹⁵ 37	20 ²⁰ 33	29 ²⁹ 2	29 ²⁹ 8	25 ²⁵ 6	8 ⁸ 25	M13
T 14	4 7 7	0 ⁰ 43'29	2 ² 513	11 ¹¹ 29	28 ²⁸ 52	26 ²⁶ 51	12 ¹² 32	12 ¹² 36	1 ¹ 7	15 ¹⁵ 40	20 ²⁰ 35	28 ²⁸ 52	29 ²⁹ 5	25 ²⁵ 13	8 ⁸ 24	T 14
W15	4 11 4	1 ¹ 44'20	17 ¹⁷ 8	12 ¹² 1	0 ⁰ ML 6	26 ²⁶ 33	12 ¹² 44	12 ¹² 43	1 ¹ 10	15 ¹⁵ 42	20 ²⁰ 37	28 ²⁸ 45	29 ²⁹ 2	25 ²⁵ 19	8 ⁸ 23	W15
T 16	4 15 1	2 ² 45'12	1 ¹ 842	12 ¹² 42	1 ¹ 20	26 ²⁶ 15	12 ¹² 57	12 ¹² 50	1 ¹ 13	15 ¹⁵ 44	20 ²⁰ 39	28 ²⁸ 40	28 ²⁸ 59	25 ²⁵ 26	8 ⁸ 21	T 16
F 17	4 18 57	3 ³ 46'05	15 ¹⁵ 50	13 ¹³ 28	2 ² 34	25 ²⁵ 57	13 ¹³ 9	12 ¹² 57	1 ¹ 17	15 ¹⁵ 46	20 ²⁰ 41	28 ²⁸ 39	28 ²⁸ 56	25 ²⁵ 33	8 ⁸ 20	F 17
S 18	4 22 54	4 ⁴ 47'00	29 ²⁹ 33	14 ¹⁴ 21	3 ³ 49	25 ²⁵ 37	13 ¹³ 21	13 ¹³ 4	1 ¹ 20	15 ¹⁵ 48	20 ²⁰ 43	28 ²⁸ 38	28 ²⁸ 52	25 ²⁵ 39	8 ⁸ 19	S 18
S 19	4 26 50	5 ⁵ 47'56	12 ¹² 52	15 ¹⁵ 19	5 ⁵ 3	25 ²⁵ 17	13 ¹³ 34	13 ¹³ 11	1 ¹ 23	15 ¹⁵ 51	20 ²⁰ 44	28 ²⁸ 38	28 ²⁸ 49	25 ²⁵ 46	8 ⁸ 17	S 19
M20	4 30 47	6 ⁶ 48'53	25 ²⁵ 51	16 ¹⁶ 21	6 ⁶ 17	24 ²⁴ 57	13 ¹³ 47	13 ¹³ 18	1 ¹ 27	15 ¹⁵ 53	20 ²⁰ 46	28 ²⁸ 37	28 ²⁸ 46	25 ²⁵ 53	8 ⁸ 16	M20
T 21	4 34 43	7 ⁷ 49'51	8 ⁸ 433	17 ¹⁷ 27	7 ⁷ 31	24 ²⁴ 36	13 ¹³ 59	13 ¹³ 25	1 ¹ 30	15 ¹⁵ 55	20 ²⁰ 48	28 ²⁸ 34	28 ²⁸ 43	26 ²⁶ 0	8 ⁸ 15	T 21
W22	4 38 40	8 ⁸ 50'51	21 ²¹ 1	18 ¹⁸ 37	8 ⁸ 46	24 ²⁴ 14	14 ¹⁴ 12	13 ¹³ 32	1 ¹ 33	15 ¹⁵ 57	20 ²⁰ 50	28 ²⁸ 27	28 ²⁸ 40	26 ²⁶ 6	8 ⁸ 14	W22
T 23	4 42 36	9 ⁹ 51'52	3 ³ ML18	19 ¹⁹ 49	10 ¹⁰ 0	23 ²³ 53	14 ¹⁴ 25	13 ¹³ 39	1 ¹ 37	16 ¹⁶ 0	20 ²⁰ 52	28 ²⁸ 18	28 ²⁸ 37	26 ²⁶ 13	8 ⁸ 13	T 23
F 24	4 46 33	10 ¹⁰ 52'54	15 ¹⁵ 28	21 ²¹ 4	11 ¹¹ 15	23 ²³ 30	14 ¹⁴ 38	13 ¹³ 46	1 ¹ 40	16 ¹⁶ 2	20 ²⁰ 53	28 ²⁸ 6	28 ²⁸ 33	26 ²⁶ 20	8 ⁸ 12	F 24
S 25	4 50 30	11 ¹¹ 53'57	27 ²⁷ 30	22 ²² 21	12 ¹² 29	23 ²³ 8	14 ¹⁴ 50	13 ¹³ 53	1 ¹ 44	16 ¹⁶ 4	20 ²⁰ 55	27 ²⁷ 52	28 ²⁸ 30	26 ²⁶ 26	8 ⁸ 11	S 25
S 26	4 54 26	12 ¹² 55'01	9 ⁹ 28	23 ²³ 40	13 ¹³ 44	22 ²² 45	15 ¹⁵ 3	14 ¹⁴ 0	1 ¹ 47	16 ¹⁶ 6	20 ²⁰ 57	27 ²⁷ 38	28 ²⁸ 27	26 ²⁶ 33	8 ⁸ 10	S 26
M27	4 58 23	13 ¹³ 56'06	21 ²¹ 22	25 ²⁵ 1	14 ¹⁴ 58	22 ²² 21	15 ¹⁵ 16	14 ¹⁴ 7	1 ¹ 51	16 ¹⁶ 9	20 ²⁰ 59	27 ²⁷ 24	28 ²⁸ 24	26 ²⁶ 40	8 ⁸ 9	M27
T 28	5 2 19	14 ¹⁴ 57'11	3 ³ 12	26 ²⁶ 23	16 ¹⁶ 13	21 ²¹ 58	15 ¹⁵ 29	14 ¹⁴ 14	1 ¹ 54	16 ¹⁶ 11	21 ²¹ 0	27 ²⁷ 11	28 ²⁸ 21	26 ²⁶ 47	8 ⁸ 9	T 28
W29	5 6 16	15 ¹⁵ 58'17	15 ¹⁵ 2	27 ²⁷ 46	17 ¹⁷ 27	21 ²¹ 34	15 ¹⁵ 43	14 ¹⁴ 21	1 ¹ 58	16 ¹⁶ 13	21 ²¹ 2	27 ²⁷ 1	28 ²⁸ 18	26 ²⁶ 53	8 ⁸ 8	W29
T 30	5 10 12	16 ¹⁶ 59'24	26 ²⁶ 53	29 ²⁹ ML11	18 ¹⁸ ML42	21 ²¹ II11	15 ¹⁵ 56	14 ¹⁴ 28	2 ² 1	16 ¹⁶ 16	21 ²¹ 3	26 ²⁶ 54	28 ²⁸ 14	27 ²⁷ 0	8 ⁸ Y 7	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	17s 7	27s24	4s 3	17s30	0n 6	3s27	1n48	24n53	1n23	23s25	0s17	20s50	1n21	23s46	0s16	21s20	1n21	7n30	16n36	11s28	11s35	28s 3	5n14	1n54	
T 2	17 24	25 36	3 22	16 48	0 26	3 55	1 49	24 56	1 26	23 24	0 17	20 51	1 21	23 46	0 16	21 20	1 21	7 29	16 37	11 30	11 36	28 3	5 13	1 53	
F 3	17 41	22 39	2 31	16 6	0 46	4 23	1 50	24 59	1 29	23 23	0 17	20 52	1 21	23 46	0 16	21 21	1 21	7 29	16 37	11 31	11 37	28 3	5 12	1 53	
S 4	17 57	18 42	1 33	15 26	1 5	4 50	1 50	25 2	1 32	23 22	0 17	20 53	1 21	23 46	0 16	21 21	1 21	7 28	16 37	11 32	11 38	28 3	5 11	1 53	
S 5	18 13	13 54	0 29	14 49	1 23	5 18	1 50	25 5	1 35	23 21	0 17	20 54	1 20	23 46	0 16	21 21	1 21	7 28	16 37	11 32	11 39	28 3	5 10	1 53	
M 6	18 29	8 25	0n37	14 15	1 39	5 46	1 51	25 8	1 38	23 20	0 17	20 55	1 20	23 46	0 16	21 21	1 21	7 27	16 38	11 32	11 41	28 3	5 9	1 53	
T 7	18 44	2 24	1 44	13 47	1 53	6 14	1 51	25 10	1 41	23 20	0 17	20 56	1 20	23 46	0 16	21 22	1 21	7 27	16 38	11 32	11 42	28 3	5 8	1 53	
W 8	18 59	3n54	2 47	13 23	2 4	6 41	1 51	25 13	1 43	23 19	0 17	20 57	1 20	23 46	0 16	21 22	1 21	7 26	16 38	11 34	11 43	28 3	5 8	1 53	
T 9	19 14	10 15	3 42	13 5	2 14	7 9	1 51	25 16	1 46	23 18	0 17	20 58	1 20	23 46	0 16	21 22	1 21	7 26	16 39	11 36	11 44	28 3	5 7	1 52	
F 10	19 28	16 17	4 26	12 52	2 22	7 36	1 51	25 19	1 49	23 17	0 17	20 59	1 20	23 46	0 16	21 22	1 21	7 25	16 39	11 39	11 45	28 3	5 6	1 52	
S 11	19 42	21 32	4 53	12 45	2 28	8 3	1 51	25 22	1 52	23 16	0 18	21 0	1 20	23 46	0 16	21 23	1 21	7 25	16 39	11 43	11 46	28 3	5 5	1 52	
S 12	19 56	25 28	5 0	12 43	2 31	8 30	1 50	25 24	1 55	23 15	0 18	21 1	1 20	23 46	0 16	21 23	1 21	7 25	16 40	11 47	11 47	28 3	5 4	1 52	
M13	20 9	27 37	4 45	12 45	2 34	8 57	1 50	25 27	1 58	23 14	0 18	21 2	1 20	23 46	0 16	21 23	1 21	7 24	16 40	11 51	11 48	28 3	5 4	1 52	
T 14	20 22	27 40	4 11	12 52	2 35	9 24	1 50	25 29	2 1	23 13	0 18	21 3	1 20	23 46	0 16	21 24	1 21	7 24	16 40	11 54	11 49	28 2	5 3	1 52	
W15	20 34	25 43	3 20	13 2	2 34	9 50	1 49	25 32	2 4	23 12	0 18	21 4	1 20	23 46	0 16	21 24	1 21	7 23	16 41	11 57	11 51	28 2	5 2	1 51	
T 16	20 46	22 4	2 17	13 16	2 33	10 17	1 49	25 34	2 7	23 10	0 18	21 5	1 19	23 46	0 16	21 24	1 21	7 23	16 41	11 58	11 52	28 2	5 1	1 51	
F 17	20 58	17 12	1 7	13 33	2 30	10 43	1 48	25 36	2 10	23 9	0 18	21 6	1 19	23 46	0 16	21 24	1 21	7 23	16 41	11 59	11 53	28 2	5 1	1 51	
S 18	21 9	11 35	0s 5	13 51	2 27	11 9	1 47	25 39	2 13	23 8	0 18	21 7	1 19	23 46	0 16	21 25	1 21	7 22	16 42	11 59	11 54	28 2	5 0	1 51	
S 19	21 20	5 36	1 14	14 12	2 22	11 34	1 46	25 41	2 15	23 7	0 18	21 8	1 19	23 46	0 16	21 25	1 21	7 22	16 42	11 59	11 55	28 2	5 0	1 51	
M20	21 31	0s28	2 18	14 35	2 18	12 0	1 46	25 43	2 18	23 6	0 18	21 9	1 19	23 46	0 16	21 25	1 21	7 22	16 42	11 59	11 56	28 1	4 59	1 51	
T 21	21 41	6 22	3 14	14 59	2 12	12 25	1 45	25 45	2 21	23 4	0 18	21 10	1 19	23 46	0 16	21 25	1 21	7 21	16 43	12 0	11 57	28 1	4 58	1 50	
W22	21 50	11 55	3 59	15 23	2 6	12 50	1 44	25 46	2 23	23 3	0 18	21 11	1 19	23 46	0 16	21 26	1 21	7 21	16 43	12 3	11 58	28 1	4 58	1 50	
T 23	22 0	16 55	4 32	15 49	2 0	13 14	1 42	25 48	2 26	23 2	0 18	21 12	1 19	23 46	0 16	21 26	1 21	7 21	16 44	12 6	11 59	28 1	4 57	1 50	
F 24	22 8	21 11	4 53	16 15	1 53	13 38	1 41	25 49	2 29	23 1	0 18	21 13	1 19	23 46	0 16	21 26	1 21	7 21	16 44	12 10	12 1	28 1	4 57	1 50	
S 25	22 17	24 31	5 0	16 41	1 47	14 2	1 40	25 51	2 31	22 59	0 19	21 14	1 19	23 46	0 16	21 26	1 21	7 20	16 45	12 15	12 2	28 0	4 56	1 50	
S 26	22 25	26 46	4 54	17 8	1 40	14 26	1 39	25 52	2 34	22 58	0 19	21 15	1 19	23 46	0 16	21 26	1 21	7 20	16 45	12 20	12 3	28 0	4 56	1 50	
M27	22 32	27 48	4 35	17 35	1 32	14 49	1 37	25 53	2 36	22 56	0 19	21 15	1 19	23 46	0 16	21 27	1 21	7 20	16 45	12 25	12 4	28 0	4 55	1 49	
T 28	22 39	27 32	4 4	18 1	1 25	15 12	1 36	25 54	2 38	22 55	0 19	21 16	1 19	23 46	0 16	21 27	1 21	7 20	16 46	12 29	12 5	28 0	4 55	1 49	
W29	22 46	26 0	3 22	18 28	1 18	15 35	1 34	25 54	2 40	22 54	0 19	21 17	1 19	23 46	0 16	21 27	1 21	7 20	16 46	12 32	12 6	27 9	4 54	1 49	
T 30	22s52	23s19	2s32	18s53	1n10	15s57	1n33	23n55	2n43	22s52	0s19	21s18	1n19	23s46	0s16	21s27	1n21	7n20	16n47	12s35	12s 7	27s59	4n54	1n49	

ASTRODIENST EPHEMERIS for the year 1486

geocentric

DECEMBER 1486 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	5 14 9	18° 0'31	8° 47'	0° 36'	19° 57'	20° R47	16° 35'	14° 35'	2° 5'	16° 18'	21° 5'	26° R50	28° 11'	27° 7'	8° R 7	F 1
S 2	5 18 5	19° 1'38	20° 49'	2° 2'	21° 11'	20° II23	16° 22'	14° 42'	2° 8'	16° 20'	21° 6'	26° 48'	28° 8'	27° 13'	8° Y 6	S 2
S 3	5 22 2	20° 2'46	3° 3'	3° 29'	22° 26'	20° 0'	16° 36'	14° 49'	2° 12'	16° 22'	21° 8'	26° D48	28° 5'	27° 20'	8° 6'	S 3
M 4	5 25 59	21° 3'54	15° 34'	4° 57'	23° 41'	19° 36'	16° 49'	14° 56'	2° 15'	16° 25'	21° 9'	26° R49	28° 2'	27° 27'	8° 6'	M 4
T 5	5 29 55	22° 5'02	28° 27'	6° 25'	24° 55'	19° 13'	17° 3'	15° 3'	2° 19'	16° 27'	21° 11'	26° 48'	27° 58'	27° 33'	8° 5'	T 5
W 6	5 33 52	23° 6'11	11° 45'	7° 54'	26° 10'	18° 50'	17° 16'	15° 10'	2° 22'	16° 29'	21° 12'	26° 47'	27° 55'	27° 40'	8° 5'	W 6
T 7	5 37 48	24° 7'19	25° 33'	9° 23'	27° 25'	18° 27'	17° 30'	15° 17'	2° 26'	16° 31'	21° 14'	26° 43'	27° 52'	27° 47'	8° 5'	T 7
F 8	5 41 45	25° 8'28	9° 51'	10° 52'	28° 39'	18° 4'	17° 43'	15° 24'	2° 29'	16° 34'	21° 15'	26° 36'	27° 49'	27° 54'	8° 5'	F 8
S 9	5 45 41	26° 9'36	24° 37'	12° 22'	29° 54'	17° 42'	17° 57'	15° 31'	2° 33'	16° 36'	21° 16'	26° 28'	27° 46'	28° 0'	8° 4'	S 9
S 10	5 49 38	27° 10'45	9° 45'	13° 52'	1° 9'	17° 20'	18° 10'	15° 38'	2° 37'	16° 38'	21° 18'	26° 19'	27° 43'	28° 7'	8° D 4	S 10
M 11	5 53 35	28° 11'55	25° 4'	15° 23'	2° 24'	16° 59'	18° 24'	15° 45'	2° 40'	16° 40'	21° 19'	26° 9'	27° 39'	28° 14'	8° 4'	M 11
T 12	5 57 31	29° 13'04	10° 25'	16° 54'	3° 39'	16° 38'	18° 38'	15° 52'	2° 44'	16° 43'	21° 20'	26° 1'	27° 36'	28° 20'	8° 4'	T 12
W 13	6 1 28	0° 14'14	25° 35'	18° 26'	4° 54'	16° 17'	18° 51'	15° 59'	2° 47'	16° 45'	21° 21'	25° 56'	27° 33'	28° 27'	8° 5'	W 13
T 14	6 5 24	1° 15'23	10° 25'	19° 57'	6° 8'	15° 57'	19° 5'	16° 6'	2° 51'	16° 47'	21° 22'	25° 52'	27° 30'	28° 34'	8° 5'	T 14
F 15	6 9 21	2° 16'33	24° 49'	21° 29'	7° 23'	15° 38'	19° 19'	16° 13'	2° 55'	16° 49'	21° 23'	25° D51	27° 27'	28° 41'	8° 5'	F 15
S 16	6 13 17	3° 17'44	8° 45'	23° 2'	8° 38'	15° 19'	19° 33'	16° 20'	2° 58'	16° 51'	21° 25'	25° 52'	27° 24'	28° 47'	8° 5'	S 16
S 17	6 17 14	4° 18'54	22° 13'	24° 34'	9° 53'	15° 1'	19° 47'	16° 27'	3° 2'	16° 54'	21° 26'	25° 53'	27° 20'	28° 54'	8° 6'	S 17
M 18	6 21 10	5° 20'05	5° 15'	26° 8'	11° 8'	14° 43'	20° 1'	16° 33'	3° 5'	16° 56'	21° 27'	25° R53	27° 17'	29° 1'	8° 6'	M 18
T 19	6 25 7	6° 21'17	17° 57'	27° 41'	12° 23'	14° 27'	20° 15'	16° 40'	3° 9'	16° 58'	21° 28'	25° 53'	27° 14'	29° 7'	8° 7'	T 19
W 20	6 29 4	7° 22'28	0° 12'	29° 15'	13° 38'	14° 10'	20° 29'	16° 47'	3° 12'	17° 0'	21° 29'	25° 50'	27° 11'	29° 14'	8° 7'	W 20
T 21	6 33 0	8° 23'39	12° 32'	0° 34'	14° 53'	13° 55'	20° 43'	16° 54'	3° 16'	17° 2'	21° 29'	25° 45'	27° 8'	29° 21'	8° 8'	T 21
F 22	6 36 57	9° 24'51	24° 33'	2° 23'	16° 8'	13° 40'	20° 57'	17° 0'	3° 20'	17° 4'	21° 30'	25° 38'	27° 4'	29° 27'	8° 8'	F 22
S 23	6 40 53	10° 26'03	6° 29'	3° 58'	17° 23'	13° 27'	21° 11'	17° 7'	3° 23'	17° 7'	21° 31'	25° 29'	27° 1'	29° 34'	8° 9'	S 23
S 24	6 44 50	11° 27'14	18° 21'	5° 34'	18° 38'	13° 13'	21° 25'	17° 14'	3° 27'	17° 9'	21° 32'	25° 20'	26° 58'	29° 41'	8° 10'	S 24
M 25	6 48 46	12° 28'26	0° 12'	7° 10'	19° 53'	13° 1'	21° 39'	17° 20'	3° 30'	17° 11'	21° 33'	25° 11'	26° 55'	29° 48'	8° 11'	M 25
T 26	6 52 43	13° 29'37	12° 3'	8° 46'	21° 8'	12° 50'	21° 53'	17° 27'	3° 34'	17° 13'	21° 34'	25° 3'	26° 52'	29° 54'	8° 12'	T 26
W 27	6 56 39	14° 30'48	23° 55'	10° 22'	22° 23'	12° 39'	22° 7'	17° 34'	3° 38'	17° 15'	21° 34'	24° 57'	26° 49'	0° 1'	8° 13'	W 27
T 28	7 0 36	15° 31'58	5° 52'	12° 0'	23° 38'	12° 29'	22° 21'	17° 40'	3° 41'	17° 17'	21° 35'	24° 53'	26° 45'	0° 8'	8° 14'	T 28
F 29	7 4 33	16° 33'08	17° 54'	13° 37'	24° 53'	12° 20'	22° 35'	17° 47'	3° 45'	17° 19'	21° 36'	24° 51'	26° 42'	0° 14'	8° 15'	F 29
S 30	7 8 29	17° 34'17	0° 4'	15° 15'	26° 8'	12° 12'	22° 49'	17° 53'	3° 48'	17° 21'	21° 36'	24° D51	26° 39'	0° 21'	8° 16'	S 30
S 31	7 12 26	18° 35'26	12° 24'	16° 54'	27° 23'	12° II 4	23° 3'	17° 59'	3° 52'	17° 23'	21° 37'	24° 52'	26° 36'	0° 28'	8° 17'	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	22s58	19s38	1s34	19s19	1n 3	16s19	1n31	25n55	2n45	22s51	0s19	21s19	1n18	23s46	0s16	21s28	1n21	7n19	16n47	12s36	12s 8	27s59	4n53	1n49	
S 2	23 3	15 6	0 32	19 44	0 55	16 40	1 30	25 56	2 47	22 49	0 19	21 20	1 18	23 45	0 16	21 28	1 21	7 19	16 48	12 37	12 9	27 59	4 53	1 49	
S 3	23 8	9 54	0n33	20 8	0 47	17 1	1 28	25 56	2 49	22 47	0 19	21 21	1 18	23 45	0 16	21 28	1 21	7 19	16 48	12 37	12 10	27 58	4 53	1 48	
M 4	23 12	4 12	1 38	20 32	0 40	17 21	1 26	25 56	2 50	22 46	0 19	21 21	1 18	23 45	0 16	21 28	1 21	7 19	16 49	12 37	12 12	27 58	4 52	1 48	
T 5	23 16	1n50	2 40	20 55	0 32	17 41	1 24	25 56	2 52	22 44	0 19	21 22	1 18	23 45	0 16	21 29	1 21	7 19	16 49	12 37	12 13	27 58	4 52	1 48	
W 6	23 20	7 58	3 36	21 17	0 25	18 1	1 22	25 55	2 54	22 43	0 19	21 23	1 18	23 45	0 16	21 29	1 21	7 19	16 50	12 37	12 14	27 57	4 52	1 48	
T 7	23 23	13 57	4 21	21 38	0 17	18 20	1 20	25 55	2 55	22 41	0 19	21 24	1 18	23 45	0 16	21 29	1 21	7 19	16 50	12 39	12 15	27 57	4 52	1 48	
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S 31	22s13	5s28	1n34	24s20	1s55	23s 6	0n23	25n26	3n 9	21s53	0s21	21s40	1n18	23s43	0s16	21s34	1n21	7n23	17n 3	13s16	12s41	27s47	4n53	1n43	