



Astrodienst Ephemeris Tables for the year 1500

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 1500
geocentric

JANUARY 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	7 15 45	19°36'10	15°31'2	16°31'7	18°32	24°14	24°16	14°R 2	24°44	14°35	24°38	16°R36	15°II 7	19°II24	14°R28	W 1
T 2	7 19 42	20°27'18	0°12	17°55	19°17	24°46	24°29	14°B 2	24° 7	14°53	24°40	16°II32	15° 4	19°31	14°II25	T 2
F 3	7 23 39	21°28'25	14°57	19°34	20°33	25°17	24°42	14° 1	24°10	14°56	24°41	16°26	15° 0	19°37	14°22	F 3
S 4	7 27 35	22°29'32	29°20	21°14	21°48	25°49	24°56	14° 1	24°13	14°58	24°43	16°21	14°57	19°44	14°20	S 4
S 5	7 31 32	23°30'37	13°17	22°54	23° 4	26°20	25° 9	14° 1	24°16	15° 0	24°44	16°15	14°54	19°51	14°17	S 5
M 6	7 35 28	24°31'42	26°46	24°35	24°19	26°52	25°23	14°D 0	24°19	15° 2	24°46	16°10	14°51	19°57	14°14	M 6
T 7	7 39 25	25°32'45	9°48	26°17	25°35	27°24	25°36	14° 0	24°22	15° 5	24°47	16° 7	14°48	20° 4	14°12	T 7
W 8	7 43 21	26°33'48	22°24	27°59	26°50	27°56	25°50	14° 1	24°26	15° 7	24°48	16°D 6	14°44	20°11	14° 9	W 8
T 9	7 47 18	27°34'49	4°41	29°41	28° 5	28°29	26° 3	14° 1	24°29	15° 9	24°50	16° 6	14°41	20°17	14° 7	T 9
F 10	7 51 14	28°35'50	16°43	1°24	29°21	29° 1	26°17	14° 1	24°32	15°11	24°51	16° 7	14°38	20°24	14° 4	F 10
S 11	7 55 11	29°36'49	28°35	3° 8	0°36	29°34	26°30	14° 2	24°35	15°14	24°52	16° 9	14°35	20°30	14° 2	S 11
S 12	7 59 8	0°37'47	10°II22	4°52	1°51	0°8 6	26°44	14° 2	24°38	15°16	24°54	16°R10	14°32	20°37	14° 0	S 12
M13	8 3 4	1°38'44	22° 8	6°37	3° 7	0°39	26°58	14° 3	24°42	15°18	24°55	16°10	14°29	20°44	13°58	M13
T14	8 7 1	2°39'40	3°58	8°22	4°22	1°12	27°12	14° 4	24°45	15°20	24°56	16° 8	14°25	20°50	13°55	T14
W15	8 10 57	3°40'35	15°55	10° 8	5°37	1°45	27°26	14° 5	24°48	15°23	24°57	16° 4	14°22	20°57	13°53	W15
T16	8 14 54	4°41'28	28° 0	11°54	6°53	2°18	27°39	14° 6	24°51	15°25	24°59	15°58	14°19	21° 4	13°51	T16
F17	8 18 50	5°42'21	10°Ω17	13°40	8° 8	2°51	27°53	14° 7	24°55	15°27	25° 0	15°49	14°16	21°10	13°50	F17
S18	8 22 47	6°43'12	22°45	15°27	9°23	3°25	28° 7	14° 8	24°58	15°29	25° 1	15°40	14°13	21°17	13°48	S18
S19	8 26 43	7°44'02	5°12	17°14	10°39	3°58	28°21	14° 9	25° 1	15°31	25° 2	15°30	14° 9	21°24	13°46	S19
M20	8 30 40	8°44'51	18°16	19° 0	11°54	4°32	28°35	14°11	25° 5	15°33	25° 3	15°20	14° 6	21°30	13°44	M20
T21	8 34 37	9°45'39	1°19	20°47	13° 9	5° 5	28°49	14°13	25° 8	15°35	25° 4	15°13	14° 3	21°37	13°43	T21
W22	8 38 33	10°46'26	14°35	22°33	14°24	5°39	29° 4	14°14	25°11	15°38	25° 5	15° 7	14° 0	21°44	13°41	W22
T23	8 42 30	11°47'12	28° 5	24°18	15°39	6°13	29°18	14°16	25°15	15°40	25° 6	15° 4	13°57	21°50	13°40	T23
F24	8 46 26	12°47'57	11°14	26° 2	16°55	6°47	29°32	14°18	25°18	15°42	25° 7	15°D 3	13°54	21°57	13°38	F24
S25	8 50 23	13°48'42	25°45	27°45	18°10	7°20	29°46	14°20	25°22	15°44	25° 7	15° 3	13°50	22° 4	13°37	S25
S26	8 54 19	14°49'25	9°15	29°27	19°25	7°54	0°15	14°22	25°25	15°46	25° 8	15°R 4	13°47	22°10	13°36	S26
M27	8 58 16	15°50'07	24°23	1°16	20°40	8°29	0°15	14°24	25°28	15°48	25° 9	15° 4	13°44	22°17	13°35	M27
T28	9 2 12	16°50'48	8°35	2°43	21°55	9° 3	0°29	14°27	25°32	15°50	25°10	15° 2	13°41	22°23	13°34	T28
W29	9 6 9	17°51'27	23°41	4°17	23°11	9°37	0°43	14°29	25°35	15°52	25°11	14°57	13°38	22°30	13°33	W29
T30	9 10 6	18°52'06	8°22	5°47	24°26	10°11	0°57	14°32	25°39	15°54	25°11	14°49	13°35	22°37	13°32	T30
F31	9 14 2	19°52'42	22°55	7°13	25°41	10°46	1°12	14°34	25°42	15°56	25°12	14°II39	13°II31	22°II43	13°II31	F31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s 6	25s 7	2s30	24s21	1s51	23s 5	0s48	10n11	0n49	14s22	0s57	13n55	2s17	14s12	0s43	22s 2	0n39	6s11	13n10	22n50	22n40	23n28	16n52	5s46
T 2	21 57	23 41	3 36	24 11	1 54	22 57	0 50	10 24	0 50	14 17	0 57	13 55	2 16	14 11	0 43	22 2	0 39	6 11	13 10	22 49	22 40	23 29	16 52	5 46
F 3	21 47	20 38	4 26	24 0	1 57	22 47	0 52	10 36	0 51	14 13	0 57	13 55	2 16	14 10	0 43	22 1	0 39	6 11	13 11	22 49	22 40	23 31	16 52	5 46
S 4	21 37	16 23	4 58	23 47	1 59	22 37	0 54	10 48	0 52	14 8	0 57	13 56	2 16	14 9	0 43	22 1	0 39	6 11	13 11	22 48	22 39	23 32	16 52	5 45
S 5	21 27	11 22	5 11	23 32	2 1	22 27	0 56	11 1	0 53	14 4	0 57	13 56	2 15	14 8	0 43	22 1	0 39	6 11	13 11	22 48	22 39	23 33	16 52	5 45
M 6	21 16	5 58	5 6	23 16	2 2	22 16	0 58	11 13	0 54	13 59	0 57	13 56	2 15	14 7	0 43	22 1	0 39	6 11	13 12	22 47	22 38	23 35	16 51	5 45
T 7	21 5	0 29	4 45	22 58	2 3	22 4	1 0	11 26	0 55	13 55	0 57	13 56	2 15	14 6	0 43	22 0	0 39	6 11	13 12	22 47	22 38	23 36	16 51	5 45
W 8	20 54	4n51	4 11	22 39	2 4	21 51	1 1	11 38	0 55	13 50	0 57	13 57	2 15	14 5	0 43	22 0	0 39	6 11	13 12	22 47	22 38	23 38	16 51	5 45
T 9	20 42	9 53	3 26	22 18	2 5	21 38	1 3	11 50	0 56	13 45	0 57	13 57	2 14	14 4	0 43	22 0	0 39	6 11	13 13	22 47	22 37	23 39	16 51	5 44
F 10	20 30	14 26	2 33	21 55	2 4	21 34	1 4	12 3	0 57	13 41	0 57	13 57	2 14	14 3	0 43	22 0	0 39	6 11	13 13	22 47	22 37	23 40	16 51	5 44
S 11	20 17	18 22	1 34	21 31	2 4	21 9	1 6	12 15	0 58	13 36	0 57	13 58	2 14	14 2	0 43	21 59	0 39	6 11	13 13	22 47	22 37	23 42	16 51	5 44
S 12	20 4	21 33	0 32	21 5	2 3	20 54	1 8	12 27	0 59	13 31	0 57	13 58	2 13	14 1	0 43	21 59	0 39	6 11	13 14	22 47	22 36	23 43	16 51	5 44
M13	19 51	23 48	0n32	20 38	2 1	20 38	1 9	12 39	0 59	13 27	0 57	13 59	2 13	14 0	0 43	21 59	0 39	6 11	13 14	22 47	22 36	23 44	16 51	5 43
T14	19 37	25 2	1 35	20 8	1 59	20 22	1 10	12 52	1 0	13 22	0 57	13 59	2 13	13 59	0 43	21 59	0 39	6 11	13 14	22 47	22 36	23 46	16 51	5 43
W15	19 23	25 6	2 34	19 38	1 57	20 5	1 12	13 4	1 1	13 17	0 57	14 0	2 12	13 58	0 43	21 59	0 39	6 11	13 15	22 46	22 35	23 47	16 51	5 43
T16	19 9	23 59	3 26	19 5	1 54	19 47	1 13	13 16	1 1	13 12	0 57	14 1	2 12	13 56	0 43	21 58	0 39	6 11	13 15	22 46	22 35	23 48	16 51	5 43
F17	18 54	21 43	4 10	18 31	1 50	19 29	1 14	13 28	1 2	13 7	0 57	14 1	2 12	13 55	0 43	21 58	0 39	6 11	13 15	22 45	22 34	23 50	16 51	5 42
S18	18 39	18 25	4 42	17 56	1 46	19 10	1 16	13 40	1 3	13 3	0 57	14 2	2 12	13 54	0 43	21 58	0 39	6 11	13 16	22 44	22 34	23 51	16 51	5 42
S 19	18 23	14 13	5 1	17 19	1 41	18 51	1 17	13 52	1 3	12 58	0 57	14 2	2 11	13 53	0 43	21 58	0 39	6 11	13 16	22 43	22 34	23 52	16 52	5 42
M20	18 7	9 20	5 6	16 40	1 35	18 31	1 18	14 4	1 4	12 53	0 57	14 3	2 11	13 52	0 43	21 57	0 39	6 11	13 16	22 42	22 33	23 54	16 52	5 41
T21	17 51	3 58	4 54	16 1	1 29	18 11	1 19	14 16	1 5	12 48	0 57	14 4	2 11	13 51	0 42	21 57	0 39	6 11	13 17	22 41	22 33	23 55	16 52	5 41
W22	17 35	1s40	4 27	15 20	1 22	17 50	1 20	14 28	1 5	12 43	0 57	14 5	2 10	13 50	0 42	21 57	0 39	6 10	13 17	22 40	22 33	23 56	16 52	5 41
T23	17 18	7 20	3 44	14 38	1 14	17 28	1 21	14 40	1 6	12 38	0 57	14 6	2 10	13 48	0 42	21 57	0 39	6 10	13 17	22 40	22 32	23 58	16 52	5 41
F24	17 1	12 45	2 48	13 55	1 6	17 6	1 22	14 51	1 6	12 33	0 57	14 6	2 10	13 47	0 42	21 56	0 39	6 10	13 18	22 40	22 32	23 59	16 52	5 40
S25	16 44	17 36	1 42	13 11	0 57	16 44	1 22	15 3	1 7	12 28	0 57	14 7	2 10	13 46	0 42	21 56	0 39	6 10	13 18	22 40	22 31	24 0	16 52	5 40
S26	16 26	21 33	0 27	12 26	0 47	16 21	1 23	15 15	1 7	12 23	0 57	14 8	2 9	13 45	0 42	21 56	0 39	6 10	13 19	22 40	22 31	24 1	16 53	5 40
M27	16 8	24 13	0s50	11 41	0 37	15 58	1 24	15 26	1 8	12 18	0 57	14 9	2 9	13 44	0 42	21 56	0 39	6 10	13 19	22 40	22 31	24 3	16 53	5 39
T28	15 50	25 16	2 4	10 56	0 25	15 34	1 24	15 38	1 8	12 13	0 57	14 10	2 9	13 43	0 42	21 55	0 39	6 9	13 19	22 40	22 30	24 4	16 53	5 39
W29	15 31	24 33	3 11	10 10	0 13	15 10	1 25	15 49	1 9	12 8	0 57	14 11	2 8	13 42	0 42	21 55	0 39	6 9	13 20	22 39	22 30	24 5	16 53	5 39
T30	15 13	22 9	4 5	5 9	0 0	14 45	1 25	16 1	1 9	12 3	0 57	14 12	2 8	13 40	0 42	21 55	0 39	6 9	13 20	22 38	22 30	24 6	16 53	5 38
F31	14s54	18s21	4s42	8s41	0n13	14s20	1s26	16n12	1n10	11s58	0s57	14n13	2s 8	13s39	0s42	21s55	0n39	6s 9	13n20	22n37	22n29	24n 8	16m54	5s38

ASTRODIENST EPHEMERIS for the year 1500

geocentric

FEBRUARY 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 17 59	20 ⁵³ 18	7 ¹² 12	8 ³⁴ 34	26 ⁵⁶ 56	11 ²⁰ 20	1 ²⁶ 26	14 ³⁷ 37	25 ⁴⁶ 46	15 ⁵⁸ 58	25 ¹² 12	14 ²⁸ 28	13 ²⁸ 28	22 ⁵⁰ 50	13 ³⁰ 30	S 1
S 2	9 21 55	21 ⁵³ 51	21° 8	9°49	28°11	11°55	1°41	14°40	25°49	16° 0	25°13	14 ¹⁷ 17	13°25	22°57	13 ³⁰ 30	S 2
M 3	9 25 52	22°54'23	4 ³⁹ 39	10°58	29°26	12°30	1°55	14°43	25°53	16° 2	25°14	14° 7	13°22	23° 3	13°29	M 3
T 4	9 29 48	23°54'53	17°44	12° 0	0 ⁴¹ 41	13° 4	2° 9	14°46	25°56	16° 4	25°14	14° 0	13°19	23°10	13°29	T 4
W 5	9 33 45	24°55'21	0 ⁸ 25	12°54	1°56	13°39	2°24	14°49	25°59	16° 6	25°15	13°54	13°15	23°17	13°28	W 5
T 6	9 37 41	25°55'47	12°45	13°41	3°11	14°14	2°38	14°53	26° 3	16° 7	25°15	13°52	13°12	23°23	13°28	T 6
F 7	9 41 38	26°56'11	24°48	14°18	4°26	14°49	2°53	14°56	26° 6	16° 9	25°15	13°D51	13° 9	23°30	13°28	F 7
S 8	9 45 35	27°56'34	6 ¹¹ 41	14°46	5°41	15°24	3° 7	15° 0	26°10	16°11	25°16	13°51	13° 6	23°37	13°28	S 8
S 9	9 49 31	28°56'54	18°29	15° 5	6°56	15°59	3°22	15° 3	26°13	16°13	25°16	13°R51	13° 3	23°43	13°D28	S 9
M10	9 53 28	29°57'13	0 ¹⁶ 16	15°R14	8°11	16°34	3°36	15° 7	26°17	16°15	25°16	13°50	13° 0	23°50	13°28	M10
T 11	9 57 24	0 ¹⁶ 57'29	12° 9	15°13	9°26	17° 9	3°51	15°11	26°20	16°16	25°17	13°47	12°56	23°57	13°28	T 11
W12	10 1 21	1°57'44	24°11	15° 2	10°41	17°44	4° 5	15°14	26°24	16°18	25°17	13°41	12°53	24° 3	13°28	W12
T 13	10 5 17	2°57'56	6 ¹² 26	14°42	11°56	18°20	4°19	15°18	26°27	16°20	25°17	13°32	12°50	24°10	13°28	T 13
F 14	10 9 14	3°58'07	18°56	14°14	13°11	18°55	4°34	15°22	26°31	16°22	25°17	13°20	12°47	24°16	13°29	F 14
S 15	10 13 10	4°58'16	1 ¹⁴ 41	13°37	14°26	19°30	4°48	15°27	26°34	16°23	25°17	13° 7	12°44	24°23	13°29	S 15
S 16	10 17 7	5°58'22	14°41	12°53	15°40	20° 6	5° 3	15°31	26°37	16°25	25°17	12°54	12°41	24°30	13°30	S 16
M17	10 21 4	6°58'27	27°55	12° 3	16°55	20°41	5°17	15°35	26°41	16°26	25°17	12°41	12°37	24°36	13°30	M17
T 18	10 25 0	7°58'30	11 ¹² 22	11° 9	18°10	21°16	5°32	15°40	26°44	16°28	25°R17	12°30	12°34	24°43	13°31	T 18
W19	10 28 57	8°58'32	24°58	10°11	19°25	21°52	5°46	15°44	26°48	16°30	25°17	12°22	12°31	24°50	13°32	W19
T 20	10 32 53	9°58'31	8 ¹³ 43	9°11	20°39	22°27	6° 1	15°49	26°51	16°31	25°17	12°17	12°28	24°56	13°32	T 20
F 21	10 36 50	10°58'30	22°34	8°10	21°54	23° 3	6°15	15°53	26°54	16°33	25°17	12°15	12°25	25° 3	13°33	F 21
S 22	10 40 46	11°58'26	6 ¹³ 32	7°11	23° 9	23°39	6°30	15°58	26°58	16°34	25°17	12°14	12°21	25°10	13°34	S 22
S 23	10 44 43	12°58'21	20°37	6°13	24°24	24°14	6°44	16° 3	27° 1	16°36	25°17	12°14	12°18	25°16	13°36	S 23
M24	10 48 39	13°58'14	4 ¹³ 46	5°19	25°38	24°50	6°59	16° 8	27° 5	16°37	25°17	12°13	12°15	25°23	13°37	M24
T 25	10 52 36	14°58'06	19° 0	4°29	26°53	25°26	7°13	16°13	27° 8	16°39	25°17	12°10	12°12	25°30	13°38	T 25
W26	10 56 33	15°57'56	3 ¹⁶ 16	3°43	28° 7	26° 1	7°28	16°18	27°11	16°40	25°16	12° 5	12° 9	25°36	13°39	W26
T 27	11 0 29	16°57'44	17°30	3° 4	29°22	26°37	7°42	16°23	27°15	16°41	25°16	11°56	12° 6	25°43	13°41	T 27
F 28	11 4 26	17°57'30	1 ¹³ 38	2°30	0 ¹⁷ 37	27°13	7°56	16°28	27°18	16°43	25°16	11°45	12° 2	25°50	13°42	F 28
S 29	11 8 22	18 ¹⁵ 57'15	15 ¹³ 34	2 ¹³ 2	1°15'51	27°8'49	8°11	16°34	27°21	16°44	25°16	11°32	11°59	25°56	13°44	S 29

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	14s34	13s32	5s 1	7s58	0n27	13s55	1s26	16n23	1n10	11s53	0s57	14n14	2s 7	13s38	0s42	21s54
S 2	14 15	8 8	5 1	7 16	0 41	13 29	1 27	16 34	1 11	11 48	0 57	14 15	2 7	13 37	0 42	21 54
M 3	13 55	2 29	4 44	6 36	0 56	13 3	1 27	16 45	1 11	11 42	0 57	14 17	2 7	13 36	0 42	21 54
T 4	13 35	3n 5	4 13	5 59	1 11	12 37	1 27	16 56	1 12	11 37	0 57	14 18	2 7	13 34	0 42	21 54
W 5	13 15	8 23	3 29	5 24	1 27	12 10	1 27	17 7	1 12	11 32	0 57	14 19	2 6	13 33	0 42	21 54
T 6	12 55	13 12	2 37	4 52	1 42	11 43	1 27	17 18	1 12	11 27	0 57	14 20	2 6	13 32	0 42	21 53
F 7	12 34	17 25	1 40	4 23	1 58	11 16	1 27	17 29	1 13	11 22	0 57	14 21	2 6	13 31	0 42	21 53
S 8	12 13	20 52	0 38	3 58	2 13	10 48	1 27	17 40	1 13	11 16	0 57	14 23	2 6	13 30	0 42	21 53
S 9	11 52	23 25	0n25	3 38	2 27	10 20	1 27	17 50	1 14	11 11	0 57	14 24	2 5	13 29	0 42	21 53
M10	11 31	24 56	1 26	3 21	2 41	9 52	1 27	18 1	1 14	11 6	0 57	14 25	2 5	13 27	0 42	21 52
T 11	11 10	25 20	2 24	3 10	2 54	9 23	1 26	18 11	1 14	11 1	0 57	14 27	2 5	13 26	0 42	21 52
W12	10 48	24 33	3 16	3 3	3 6	8 54	1 26	18 22	1 15	10 56	0 57	14 28	2 4	13 25	0 42	21 52
T 13	10 27	22 36	4 0	3 1	3 17	8 25	1 26	18 32	1 15	10 50	0 57	14 29	2 4	13 24	0 42	21 52
F 14	10 5	19 31	4 34	3 3	3 26	7 56	1 25	18 42	1 15	10 45	0 57	14 31	2 4	13 23	0 42	21 52
S 15	9 43	15 29	4 54	3 11	3 33	7 27	1 25	18 52	1 16	10 40	0 57	14 32	2 4	13 22	0 42	21 51
S 16	9 21	10 39	5 0	3 22	3 39	6 57	1 24	19 2	1 16	10 34	0 57	14 34	2 3	13 20	0 42	21 51
M17	8 58	5 15	4 50	3 38	3 42	6 27	1 23	19 12	1 16	10 29	0 57	14 35	2 3	13 19	0 43	21 51
T 18	8 36	0s28	4 24	3 58	3 43	5 57	1 23	19 21	1 16	10 24	0 57	14 37	2 3	13 18	0 43	21 51
W19	8 14	6 15	3 42	4 20	3 42	5 27	1 22	19 31	1 17	10 19	0 58	14 38	2 3	13 17	0 43	21 51
T 20	7 51	11 48	2 47	4 45	3 40	4 57	1 21	19 41	1 17	10 13	0 58	14 40	2 2	13 16	0 43	21 50
F 21	7 28	16 49	1 42	5 13	3 35	4 27	1 20	19 50	1 17	10 8	0 58	14 41	2 2	13 15	0 43	21 50
S 22	7 5	20 58	0 30	5 41	3 28	3 56	1 19	19 59	1 18	10 3	0 58	14 43	2 2	13 13	0 43	21 50
S 23	6 42	23 54	0s44	6 10	3 19	3 26	1 18	20 8	1 18	9 57	0 58	14 45	2 2	13 12	0 43	21 50
M24	6 19	25 21	1 56	6 39	3 9	2 55	1 17	20 17	1 18	9 52	0 58	14 46	2 1	13 11	0 43	21 50
T 25	5 56	25 9	3 1	7 8	2 58	2 24	1 16	20 26	1 18	9 47	0 58	14 48	2 1	13 10	0 43	21 49
W26	5 33	23 17	3 55	7 36	2 45	1 53	1 14	20 35	1 18	9 41	0 58	14 50	2 1	13 9	0 43	21 49
T 27	5 10	19 58	4 34	8 3	2 32	1 22	1 13	20 44	1 19	9 36	0 58	14 51	2 1	13 8	0 43	21 49
F 28	4 46	15 31	4 56	8 28	2 18	0 51	1 12	20 52	1 19	9 31	0 58	14 53	2 0	13 7	0 43	21 49
S 29	4s23	10s18	5s 0	8s51	2n 4	0s20	1s10	21n 1	1n19	9s26	0s58	14n55	2s 0	13s 6	0s43	21s49

Julian Day Number = 2268963.5, Delta T = 291.46 sec

Ecliptic obliquity = 23°30'18", Nutation = - 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°45'55", Lahiri = 16°52'55" Julian Calendar 1 Feb. 1500 == Greg. Calendar 10 Feb. 1500

ASTRODIENST EPHEMERIS for the year 1500

geocentric

MARCH 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	11 12 19	19°56'57	29°14'14	1°R40	3°Y 6	28°8'25	8°H'25	16°8'39	27°22'24	16°8'45	25°R15	11°R20	11°H'56	26°H' 3	13°H'45	S 1
M 2	11 16 15	20°56'37	12°Y'34	1°H'25	4°20	29° 1	8°39	16°44	27°28	16°46	25°M'14	11°H' 8	11°53	26° 9	13°47	M 2
T 3	11 20 12	21°56'15	25°34	1°16	5°35	29°37	8°54	16°50	27°31	16°48	25°14	10°59	11°50	26°16	13°49	T 3
W 4	11 24 8	22°55'51	8°H'12	1°D13	6°49	0°H'13	9° 8	16°55	27°34	16°49	25°13	10°52	11°47	26°23	13°51	W 4
T 5	11 28 5	23°55'24	20°32	1°16	8° 3	0°49	9°22	17° 1	27°37	16°50	25°13	10°48	11°43	26°29	13°53	T 5
F 6	11 32 1	24°54'56	2°H'37	1°25	9°18	1°25	9°36	17° 7	27°40	16°51	25°12	10°47	11°40	26°36	13°55	F 6
S 7	11 35 58	25°54'25	14°31	1°39	10°32	2° 1	9°51	17°13	27°44	16°52	25°12	10°D47	11°37	26°43	13°57	S 7
S 8	11 39 55	26°53'52	26°19	1°58	11°46	2°37	10° 5	17°19	27°47	16°53	25°11	10°R47	11°34	26°49	13°59	S 8
M 9	11 43 51	27°53'16	8°H' 8	2°23	13° 1	3°13	10°19	17°25	27°50	16°54	25°10	10°46	11°31	26°56	14° 1	M 9
T 10	11 47 48	28°52'38	20° 3	2°51	14°15	3°50	10°33	17°31	27°53	16°55	25°10	10°44	11°27	27° 3	14° 4	T 10
W11	11 51 44	29°51'58	2°H' 8	3°25	15°29	4°26	10°47	17°37	27°56	16°56	25° 9	10°40	11°24	27° 9	14° 6	W11
T 12	11 55 41	0°Y'51'16	14°28	4° 2	16°43	5° 2	11° 1	17°43	27°59	16°57	25° 8	10°33	11°21	27°16	14° 9	T 12
F 13	11 59 37	1°50'31	27° 6	4°43	17°57	5°38	11°15	17°49	28° 2	16°58	25° 8	10°24	11°18	27°23	14°11	F 13
S 14	12 3 34	2°49'44	10°H' 4	5°28	19°12	6°14	11°29	17°55	28° 5	16°59	25° 7	10°13	11°15	27°29	14°14	S 14
S 15	12 7 30	3°48'55	23°22	6°16	20°26	6°51	11°43	18° 2	28° 8	17° 0	25° 6	10° 1	11°12	27°36	14°17	S 15
M16	12 11 27	4°48'03	6°H'58	7° 8	21°40	7°27	11°57	18° 8	28°11	17° 1	25° 5	9°50	11° 8	27°43	14°19	M16
T 17	12 15 24	5°47'10	20°49	8° 3	22°54	8° 3	12°11	18°14	28°14	17° 2	25° 4	9°41	11° 5	27°49	14°22	T 17
W18	12 19 20	6°46'14	4°H'52	9° 1	24° 8	8°40	12°25	18°21	28°17	17° 2	25° 3	9°34	11° 2	27°56	14°25	W18
T 19	12 23 17	7°45'17	19° 1	10° 1	25°22	9°16	12°39	18°27	28°20	17° 3	25° 2	9°30	10°59	28° 3	14°28	T 19
F 20	12 27 13	8°44'18	3°H'14	11° 5	26°36	9°52	12°52	18°34	28°22	17° 4	25° 1	9°D29	10°56	28° 9	14°31	F 20
S 21	12 31 10	9°43'17	17°26	12°10	27°50	10°29	13° 6	18°41	28°25	17° 4	25° 0	9°29	10°52	28°16	14°34	S 21
S 22	12 35 6	10°42'14	1°H'37	13°19	29° 3	11° 5	13°20	18°47	28°28	17° 5	24°59	9°29	10°49	28°22	14°37	S 22
M23	12 39 3	11°41'10	15°44	14°29	0°H'17	11°42	13°34	18°54	28°31	17° 6	24°58	9°R29	10°46	28°29	14°41	M23
T 24	12 42 59	12°40'04	29°46	15°42	1°31	12°18	13°47	19° 1	28°34	17° 6	24°57	9°28	10°43	28°36	14°44	T 24
W25	12 46 56	13°38'56	13°H'44	16°57	2°45	12°54	14° 1	19° 8	28°36	17° 7	24°56	9°25	10°40	28°42	14°47	W25
T 26	12 50 53	14°37'47	27°33	18°14	3°59	13°31	14°14	19°15	28°39	17° 7	24°55	9°19	10°37	28°49	14°51	T 26
F 27	12 54 49	15°36'35	11°H'14	19°33	5°12	14° 7	14°28	19°21	28°42	17° 8	24°54	9°11	10°33	28°56	14°54	F 27
S 28	12 58 46	16°35'22	24°44	20°54	6°26	14°44	14°41	19°28	28°44	17° 8	24°53	9° 2	10°30	29° 2	14°58	S 28
S 29	13 2 42	17°34'07	8°Y 0	22°17	7°40	15°20	14°54	19°35	28°47	17° 8	24°51	8°53	10°27	29° 9	15° 1	S 29
M30	13 6 39	18°32'49	21° 1	23°42	8°53	15°57	15° 8	19°43	28°49	17° 9	24°50	8°45	10°24	29°16	15° 5	M30
T 31	13 10 35	19°Y'31'30	3°H'45	25°H' 8	10°H' 7	16°H'34	15°H'21	19°H'50	28°H'52	17°H' 9	24°H'49	8°H'38	10°H'21	29°H'22	15°H' 9	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	3s59	4s41	4s46	9s13	1n49	0n11	1s 9	21n 9	1n19	9s20	0s58	14n56	2s 0	13s 4	0s43	21s49
M 2	3 36	1n 2	4 17	9 32	1 34	0 42	1 7	21 17	1 19	9 15	0 58	14 58	2 0	13 3	0 43	21 48
T 3	3 12	6 34	3 35	9 49	1 19	1 13	1 6	21 25	1 20	9 10	0 58	15 0	2 0	13 2	0 43	21 48
W 4	2 49	11 42	2 44	10 4	1 5	1 44	1 4	21 33	1 20	9 4	0 59	15 2	1 59	13 1	0 43	21 48
T 5	2 25	16 14	1 45	10 16	0 50	2 15	1 3	21 41	1 20	8 59	0 59	15 4	1 59	13 0	0 43	21 48
F 6	2 2	20 2	0 43	10 26	0 36	2 46	1 1	21 49	1 20	8 54	0 59	15 5	1 59	12 59	0 43	21 48
S 7	1 38	22 56	0n20	10 34	0 22	3 17	0 59	21 56	1 20	8 48	0 59	15 7	1 59	12 58	0 43	21 48
S 8	1 14	24 49	1 22	10 40	0 9	3 47	0 57	22 3	1 20	8 43	0 59	15 9	1 58	12 57	0 43	21 47
M 9	0 51	25 35	2 20	10 43	0s 4	4 18	0 55	22 11	1 21	8 38	0 59	15 11	1 58	12 56	0 43	21 47
T 10	0 27	25 11	3 13	10 45	0 17	4 49	0 53	22 18	1 21	8 32	0 59	15 13	1 58	12 55	0 43	21 47
W11	0 3	23 36	3 58	10 44	0 29	5 19	0 52	22 25	1 21	8 27	0 59	15 15	1 58	12 54	0 43	21 47
T 12	0n20	20 52	4 32	10 41	0 40	5 50	0 49	22 31	1 21	8 22	0 59	15 17	1 58	12 53	0 43	21 47
F 13	0 44	17 7	4 55	10 36	0 51	6 20	0 47	22 38	1 21	8 17	0 59	15 19	1 57	12 52	0 43	21 47
S 14	1 8	12 29	5 3	10 29	1 2	6 50	0 45	22 45	1 21	8 11	0 59	15 20	1 57	12 51	0 43	21 47
S 15	1 31	7 9	4 55	10 21	1 12	7 20	0 43	22 51	1 21	8 6	1 0	15 22	1 57	12 50	0 43	21 47
M16	1 55	1 21	4 30	10 10	1 21	7 50	0 41	22 57	1 22	8 1	1 0	15 24	1 57	12 49	0 43	21 46
T 17	2 18	4s37	3 49	9 58	1 30	8 20	0 39	23 3	1 22	7 56	1 0	15 26	1 57	12 48	0 43	21 46
W18	2 42	10 27	2 54	9 44	1 38	8 49	0 37	23 9	1 22	7 51	1 0	15 28	1 57	12 47	0 43	21 46
T 19	3 5	15 48	1 47	9 28	1 46	9 18	0 34	23 15	1 22	7 45	1 0	15 30	1 56	12 46	0 43	21 46
F 20	3 28	20 19	0 33	9 10	1 53	9 47	0 32	23 20	1 22	7 40	1 0	15 32	1 56	12 45	0 43	21 46
S 21	3 52	23 37	0s42	8 51	1 59	10 16	0 30	23 26	1 22	7 35	1 0	15 34	1 56	12 44	0 43	21 46
S 22	4 15	25 25	1 56	8 30	2 6	10 45	0 27	23 31	1 22	7 30	1 0	15 36	1 56	12 43	0 43	21 46
M23	4 38	25 35	3 1	8 8	2 11	11 13	0 25	23 36	1 22	7 25	1 0	15 38	1 56	12 42	0 43	21 46
T 24	5 1	24 6	3 56	7 45	2 16	11 41	0 22	23 41	1 22	7 20	1 1	15 40	1 55	12 41	0 43	21 46
W25	5 24	21 9	4 36	7 19	2 20	12 9	0 20	23 46	1 22	7 14	1 1	15 42	1 55	12 40	0 43	21 46
T 26	5 47	17 2	4 59	6 53	2 24	12 36	0 17	23 51	1 22	7 9	1 1	15 44	1 55	12 39	0 43	21 46
F 27	6 10	12 4	5 6	6 25	2 28	13 4	0 15	23 55	1 22	7 4	1 1	15 46	1 55	12 38	0 43	21 45
S 28	6 32	6 36	4 55	5 55	2 30	13 31	0 12	24 0	1 22	6 59	1 1	15 48	1 55	12 37	0 43	21 45
S 29	6 55	0 55	4 28	5 24	2 33	13 57	0 10	24 4	1 22	6 54	1 1	15 50	1 55	12 36	0 43	21 45
M30	7 17	4n43	3 47	4 52	2 34	14 23	0 7	24 8	1 22	6 49	1 1	15 52	1 55	12 36	0 43	21 45
T 31	7n40	10n 2	2s56	4s19	2s36	14n49	0s 4	24n11	1n22	6s44	1s 2	15n54	1s54	12s35	0s43	21s45

Julian Day Number = 2268992.5, Delta T = 291.28 sec

Ecliptic obliquity = 23°30'19", Nutation = - 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°45'59", Lahiri = 16°52'59" Julian Calendar 1 March 1500 == Greg. Calendar 11 March 1500

ASTRODIENST EPHEMERIS for the year 1500
geocentric

APRIL 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	13 14 32	20°30'09	16°14	26°37	11°20	17°10	15°34	19°57	28°54	17°9	24°48	8°R33	10°18	29°29	15°13	W 1
T 2	13 18 28	21°28'46	28°28	28° 7	12°34	17°47	15°47	20° 4	28°57	17°10	24°46	8°II31	10°14	29°36	15°16	T 2
F 3	13 22 25	22°27'21	10°13	29°39	13°47	18°23	16° 0	20°11	28°59	17°10	24°45	8°D30	10°11	29°42	15°20	F 3
S 4	13 26 22	23°25'53	22°23	1°13	15° 1	19° 0	16°13	20°18	29° 1	17°10	24°44	8°31	10° 8	29°49	15°24	S 4
S 5	13 30 18	24°24'24	4°12	2°48	16°14	19°37	16°26	20°26	29° 4	17°10	24°42	8°32	10° 5	29°56	15°28	S 5
M 6	13 34 15	25°22'52	16° 1	4°25	17°28	20°13	16°39	20°33	29° 6	17°10	24°41	8°34	10° 2	0°2	15°32	M 6
T 7	13 38 11	26°21'18	27°56	6° 4	18°41	20°50	16°52	20°40	29° 8	17°11	24°40	8°R34	9°58	0° 9	15°37	T 7
W 8	13 42 8	27°19'42	10°12	7°45	19°54	21°26	17° 4	20°48	29°10	17°11	24°38	8°33	9°55	0°16	15°41	W 8
T 9	13 46 4	28°18'04	22°22	9°27	21° 8	22° 3	17°17	20°55	29°13	17°11	24°37	8°31	9°52	0°22	15°45	T 9
F 10	13 50 1	29°16'24	5°13	11°11	22°21	22°40	17°30	21° 3	29°15	17°R11	24°35	8°26	9°49	0°29	15°49	F 10
S 11	13 53 57	0°14'42	18° 6	12°57	23°34	23°17	17°42	21°10	29°17	17°11	24°34	8°21	9°46	0°36	15°54	S 11
S 12	13 57 54	1°12'57	1°12	14°44	24°47	23°53	17°54	21°18	29°19	17°11	24°32	8°15	9°43	0°42	15°58	S 12
M13	14 1 50	2°11'11	15°23	16°34	26° 0	24°30	18° 7	21°25	29°21	17°10	24°31	8° 9	9°39	0°49	16° 2	M13
T 14	14 5 47	3° 9'22	29°33	18°25	27°13	25° 7	18°19	21°33	29°23	17°10	24°29	8° 4	9°36	0°55	16° 7	T 14
W15	14 9 44	4° 7'32	13°18	20°17	28°26	25°43	18°31	21°40	29°25	17°10	24°28	8° 1	9°33	1° 2	16°11	W15
T 16	14 13 40	5° 5'41	28°33	22°12	29°39	26°20	18°43	21°48	29°27	17°10	24°26	7°59	9°30	1° 9	16°16	T 16
F 17	14 17 37	6° 3'48	13°12	24° 8	0°15	26°57	18°55	21°55	29°28	17°10	24°25	7°D59	9°27	1°15	16°20	F 17
S 18	14 21 33	7° 1'53	27°47	26° 6	2° 5	27°34	19° 7	22° 3	29°30	17°10	24°23	8° 0	9°24	1°22	16°25	S 18
S 19	14 25 30	7°59'57	12°16	28° 6	3°18	28°10	19°19	22°11	29°32	17° 9	24°22	8° 1	9°20	1°29	16°30	S 19
M20	14 29 26	8°58'00	26°33	0°8	4°31	28°47	19°31	22°18	29°34	17° 9	24°20	8° 3	9°17	1°35	16°34	M20
T 21	14 33 23	9°56'01	10°37	2°10	5°44	29°24	19°43	22°26	29°35	17° 9	24°18	8°R 3	9°14	1°42	16°39	T 21
W22	14 37 20	10°54'00	24°27	4°15	6°56	0°1	19°55	22°34	29°37	17° 8	24°17	8° 2	9°11	1°49	16°44	W22
T 23	14 41 16	11°51'59	8°12	6°21	8° 9	0°37	20° 6	22°41	29°39	17° 8	24°15	8° 0	9° 8	1°55	16°49	T 23
F 24	14 45 13	12°49'56	21°23	8°28	9°22	1°14	20°18	22°49	29°40	17° 7	24°14	7°58	9° 4	2° 2	16°54	F 24
S 25	14 49 9	13°47'52	4°13	10°36	10°34	1°51	20°29	22°57	29°42	17° 7	24°12	7°54	9° 1	2° 9	16°59	S 25
S 26	14 53 6	14°45'46	17°22	12°46	11°47	2°28	20°40	23° 5	29°43	17° 6	24°10	7°50	8°58	2°15	17° 4	S 26
M27	14 57 2	15°43'39	0°8	14°56	13° 0	3° 5	20°51	23°12	29°44	17° 6	24° 9	7°47	8°55	2°22	17° 9	M27
T 28	15 0 59	16°41'30	12°28	17° 7	14°12	3°42	21° 2	23°20	29°46	17° 5	24° 7	7°44	8°52	2°29	17°14	T 28
W29	15 4 55	17°39'20	24°43	19°18	15°25	4°18	21°13	23°28	29°47	17° 5	24° 6	7°43	8°49	2°35	17°19	W29
T 30	15 8 52	18°37'09	6°14	21°29	16°13	4°55	21°14	23°36	29°48	17° 4	24°11	7°D42	8°14	2°42	17°24	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	8n 2	14n52	1s57	3s44	2s36	15n15	0s 2	24n15	1n22	6s39	1s 2	15n56	1s54	12s34	0s43	21s45	0n39	5s44	13n41	21n47	22n 3	25n12	17n25	5s18	
T 2	8 24	19 0	0 54	3 8	2 36	15 40	0n 1	24 19	1 23	6 34	1 2	15 59	1 54	12 33	0 43	21 45	0 39	5 43	13 41	21 47	22 3	25 13	17 25	5 18	
F 3	8 46	22 16	0n11	2 31	2 36	16 5	0 4	24 22	1 23	6 29	1 2	16 1	1 54	12 32	0 43	21 45	0 39	5 43	13 41	21 47	22 2	25 14	17 26	5 17	
S 4	9 8	24 32	1 15	1 53	2 35	16 29	0 6	24 25	1 23	6 24	1 2	16 3	1 54	12 31	0 43	21 45	0 39	5 42	13 41	21 47	22 2	25 15	17 27	5 17	
S 5	9 29	25 41	2 15	1 14	2 34	16 53	0 9	24 28	1 23	6 19	1 2	16 5	1 54	12 31	0 43	21 45	0 39	5 42	13 41	21 47	22 1	25 15	17 27	5 17	
M 6	9 51	25 40	3 9	0 33	2 32	17 16	0 12	24 31	1 23	6 15	1 2	16 7	1 54	12 30	0 44	21 45	0 39	5 41	13 41	21 48	22 1	25 16	17 28	5 17	
T 7	10 12	24 29	3 56	0n 8	2 29	17 40	0 14	24 34	1 23	6 10	1 3	16 9	1 53	12 29	0 44	21 45	0 39	5 41	13 42	21 48	22 0	25 17	17 29	5 17	
W 8	10 33	22 10	4 33	0 51	2 26	18 2	0 17	24 36	1 23	6 5	1 3	16 11	1 53	12 28	0 44	21 45	0 39	5 40	13 42	21 47	22 0	25 18	17 29	5 16	
T 9	10 54	18 48	4 59	1 34	2 22	18 24	0 20	24 38	1 23	6 0	1 3	16 13	1 53	12 28	0 44	21 45	0 39	5 40	13 42	21 47	21 59	25 19	17 30	5 16	
F 10	11 15	14 29	5 10	2 19	2 18	18 46	0 22	24 40	1 23	5 55	1 3	16 15	1 53	12 27	0 44	21 45	0 39	5 40	13 42	21 46	21 59	25 19	17 31	5 16	
S 11	11 35	9 25	5 6	3 4	2 14	19 7	0 25	24 42	1 23	5 51	1 3	16 17	1 53	12 26	0 44	21 45	0 39	5 39	13 42	21 46	21 59	25 20	17 31	5 16	
S 12	11 56	3 45	4 46	3 51	2 8	19 28	0 28	24 44	1 23	5 46	1 3	16 19	1 53	12 26	0 44	21 45	0 39	5 39	13 42	21 45	21 58	25 21	17 32	5 15	
M13	12 16	2s15	4 8	4 38	2 3	19 48	0 30	24 46	1 22	5 41	1 4	16 21	1 53	12 25	0 44	21 45	0 39	5 38	13 42	21 44	21 58	25 22	17 33	5 15	
T 14	12 36	8 19	3 14	5 26	1 57	20 8	0 33	24 47	1 22	5 36	1 4	16 23	1 53	12 24	0 44	21 45	0 39	5 38	13 42	21 43	21 57	25 23	17 33	5 15	
W15	12 56	14 3	2 7	6 15	1 50	20 27	0 36	24 49	1 22	5 32	1 4	16 25	1 52	12 24	0 44	21 45	0 39	5 37	13 43	21 42	21 57	25 23	17 34	5 15	
T 16	13 15	19 3	0 51	7 4	1 43	20 45	0 38	24 50	1 22	5 27	1 4	16 27	1 52	12 23	0 44	21 45	0 39	5 37	13 43	21 42	21 56	25 24	17 35	5 15	
F 17	13 35	22 55	0s29	7 54	1 35	21 3	0 41	24 51	1 22	5 23	1 4	16 29	1 52	12 22	0 44	21 45	0 39	5 36	13 43	21 42	21 56	25 25	17 35	5 15	
S 18	13 54	25 16	1 46	8 45	1 27	21 21	0 44	24 51	1 22	5 18	1 4	16 31	1 52	12 22	0 44	21 45	0 39	5 36	13 43	21 42	21 55	25 26	17 36	5 14	
S 19	14 13	25 52	2 57	9 36	1 19	21 38	0 46	24 52	1 22	5 14	1 5	16 34	1 52	12 21	0 44	21 45	0 39	5 36	13 43	21 42	21 55	25 26	17 36	5 14	
M20	14 32	24 45	3 55	10 27	1 10	21 54	0 49	24 52	1 22	5 9	1 5	16 36	1 52	12 21	0 44	21 45	0 39	5 35	13 43	21 43	21 54	25 27	17 37	5 14	
T 21	14 50	22 5	4 39	11 18	1 1	22 10	0 51	24 52	1 22	5 5	1 5	16 38	1 52	12 20	0 44	21 45	0 39	5 35	13 43	21 43	21 54	25 28	17 38	5 14	
W22	15 8	18 12	5 5	12 10	0 51	22 25	0 54	24 52	1 22	5 0	1 5	16 40	1 52	12 20	0 44	21 45	0 39	5 34	13 43	21 43	21 53	25 29	17 38	5 14	
T 23	15 26	13 25	5 14	13 1	0 41	22 39	0 56	24 52	1 22	4 56	1 5	16 42	1 52	12 19	0 44	21 45	0 39	5 34	13 43	21 42	21 53	25 29	17 39	5 14	
F 24	15 44	8 6	5 5	13 52	0 31	22 53	0 59	24 52	1 22	4 52	1 5	16 44	1 52	12 18	0 44	21 45	0 39	5 34	13 43	21 42	21 52	25 30	17 40	5 13	
S 25	16 1	2 30	4 41	14 43	0 21	23 6	1 1	24 51	1 22	4 47	1 6	16 46	1 51	12 18	0 44	21 45	0 39	5 33	13 43	21 41	21 52	25 31	17 40	5 13	
S 26	16 19	3n 6	4 3	15 33	0 11	23 19	1 4	24 51	1 22	4 43	1 6	16 48	1 51	12 18	0 44	21 45	0 39	5 33	13 43	21 41	21 51	25 31	17 41	5 13	
M27	16 36	8 30	3 13	16 22	0 0	23 31	1 6	24 50	1 22	4 39	1 6	16 50	1 51	12 17	0 44	21 45	0 39	5 32	13 43	21 40	21 51	25 32	17 41	5 13	
T 28	16 52	13 29	2 15	17 10	0n11	23 42	1 9	24 49	1 22	4 35	1 6	16 52	1 51	12 17	0 44	21 45	0 39	5 32	13 43	21 40	21 50	25 33	17 42	5 13	
W29	17 9	17 51	1 11	17 56	0 21	23 53	1 11	24 48	1 22	4 30	1 6	16 54	1 51	12 16	0 44	21 45	0 39	5 32	13 43	21 39	21 50	25 34	17 42	5 13	
T 30	17n25	21n25	0s 5	18n41	0n31	24n 3	1n13	24n46	1n22	4s26	1s 7	16n56	1s51	12s16	0s44	21s46	0n39	5s31	13n43	21n39	21n49	25n34	17n43	5s13	

ASTRODIENST EPHEMERIS for the year 1500

geocentric

MAY 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	15 12 48	19°34'56	18°44	23°40	17°49	5°32	21°35	23°44	29°50	17°R 3	24°R 2	7°43	8°42	2°549	17°29	F 1
S 2	15 16 45	20°32'42	0°34	25°50	19° 2	6° 9	21°46	23°51	29°51	17°3 3	24°M 1	7°44	8°39	2°55	17°34	S 2
S 3	15 20 42	21°30'26	12°22	28° 0	20°14	6°46	21°56	23°59	29°52	17° 2	23°59	7°45	8°36	3° 2	17°39	S 3
M 4	15 24 38	22°28'09	24°12	0°11 9	21°26	7°23	22° 7	24° 7	29°53	17° 1	23°57	7°46	8°33	3° 9	17°45	M 4
T 5	15 28 35	23°25'49	6°12 6	2°16	22°38	8° 0	22°17	24°15	29°54	17° 0	23°56	7°48	8°29	3°15	17°50	T 5
W 6	15 32 31	24°23'29	18°11	4°22	23°51	8°37	22°27	24°23	29°55	17° 0	23°54	7°48	8°26	3°22	17°55	W 6
T 7	15 36 28	25°21'07	0°13 31	6°26	25° 3	9°14	22°38	24°31	29°56	16°59	23°52	7°R48	8°23	3°29	18° 0	T 7
F 8	15 40 24	26°18'43	13° 9	8°28	26°15	9°51	22°48	24°38	29°57	16°58	23°51	7°48	8°20	3°35	18° 6	F 8
S 9	15 44 21	27°16'18	26°10	10°28	27°27	10°28	22°58	24°46	29°58	16°57	23°49	7°47	8°17	3°42	18°11	S 9
S 10	15 48 17	28°13'51	9°36	12°26	28°39	11° 5	23° 7	24°54	29°58	16°56	23°47	7°46	8°14	3°49	18°16	S 10
M 11	15 52 14	29°11'23	23°29	14°21	29°51	11°41	23°17	25° 2	29°59	16°55	23°46	7°45	8°10	3°55	18°22	M 11
T 12	15 56 11	0°11 8'53	7°46	16°13	1°52 2	12°18	23°27	25°10	29°59	16°54	23°44	7°44	8° 7	4° 2	18°27	T 12
W 13	16 0 7	1° 6'23	22°24	18° 3	2°14	12°55	23°36	25°17	0°1 1	16°53	23°42	7°43	8° 4	4° 9	18°33	W 13
T 14	16 4 4	2° 3'51	7°17	19°51	3°26	13°32	23°45	25°25	0° 1	16°52	23°41	7°D43	8° 1	4°15	18°38	T 14
F 15	16 8 0	3° 1'18	22°17	21°36	4°38	14° 9	23°55	25°33	0° 2	16°51	23°39	7°43	7°58	4°22	18°44	F 15
S 16	16 11 57	3°58'45	7°31 17	23°17	5°49	14°46	24° 4	25°41	0° 2	16°50	23°37	7°43	7°55	4°29	18°49	S 16
S 17	16 15 53	4°56'11	22° 7	24°57	7° 1	15°23	24°13	25°49	0° 3	16°49	23°36	7°44	7°51	4°35	18°55	S 17
M 18	16 19 50	5°53'35	6°41	26°33	8°12	16° 0	24°21	25°56	0° 3	16°48	23°34	7°44	7°48	4°42	19° 0	M 18
T 19	16 23 47	6°51'00	20°56	28° 6	9°24	16°37	24°30	26° 4	0° 3	16°47	23°33	7°44	7°45	4°49	19° 6	T 19
W 20	16 27 43	7°48'23	4°50	29°37	10°35	17°14	24°39	26°12	0° 4	16°46	23°31	7°44	7°42	4°55	19°11	W 20
T 21	16 31 40	8°45'46	18°21	1°52 4	11°46	17°51	24°47	26°19	0° 4	16°45	23°29	7°44	7°39	5° 2	19°17	T 21
F 22	16 35 36	9°43'08	1°32	2°29	12°58	18°29	24°55	26°27	0° 4	16°43	23°28	7°44	7°35	5° 9	19°22	F 22
S 23	16 39 33	10°40'30	14°24	3°51	14° 9	19° 6	25° 4	26°35	0° 4	16°42	23°26	7°44	7°32	5°15	19°28	S 23
S 24	16 43 29	11°37'51	27° 0	5° 9	15°20	19°43	25°12	26°42	0° 5	16°41	23°25	7°45	7°29	5°22	19°34	S 24
M 25	16 47 26	12°35'11	9°32	6°25	16°31	20°20	25°20	26°50	0° 5	16°40	23°23	7°45	7°26	5°29	19°39	M 25
T 26	16 51 22	13°32'31	21°23	7°37	17°42	20°57	25°27	26°58	0°R 5	16°38	23°22	7°46	7°23	5°35	19°45	T 26
W 27	16 55 19	14°29'51	3°11 35	8°47	18°53	21°34	25°35	27° 5	0° 5	16°37	23°20	7°R46	7°20	5°42	19°50	W 27
T 28	16 59 16	15°27'10	15°30	9°53	20° 4	22°11	25°42	27°13	0° 4	16°36	23°19	7°46	7°16	5°49	19°56	T 28
F 29	17 3 12	16°24'28	27°21	10°56	21°15	22°48	25°50	27°20	0° 4	16°34	23°17	7°45	7°13	5°55	20° 2	F 29
S 30	17 7 9	17°21'46	9°10	11°55	22°26	23°25	25°57	27°28	0° 4	16°33	23°16	7°44	7°10	6° 2	20° 7	S 30
S 31	17 11 5	18°19'03	20°58	12°51	23°37	24° 2	26°14	27°36	0°R 4	16°32	23°14	7°43	7°11	6°28	20°13	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	17n41	24n 2	1n 1	19n25	0n42	24n12	1n16	24n45	1n22	4s22	1 s 7	16n58	1s51	12s15	0s44	21s46	0n40	5s31	13n43	21n39	21n49	25n35	17n44	5s13	
S 2	17 56	25 33	2 3	20 6	0 52	24 21	1 18	24 43	1 21	4 18	1 7	17 0	1 51	12 15	0 44	21 46	0 40	5 31	13 43	21 40	21 48	25 36	17 44	5 12	
S 3	18 11	25 55	3 0	20 46	1 1	24 28	1 20	24 41	1 21	4 14	1 7	17 2	1 51	12 15	0 44	21 46	0 40	5 30	13 43	21 40	21 48	25 36	17 45	5 12	
M 4	18 26	25 6	3 50	21 23	1 10	24 36	1 22	24 39	1 21	4 10	1 7	17 4	1 51	12 14	0 45	21 46	0 40	5 30	13 43	21 40	21 47	25 37	17 45	5 12	
T 5	18 41	23 9	4 30	21 58	1 19	24 42	1 24	24 37	1 21	4 6	1 8	17 6	1 51	12 14	0 45	21 46	0 40	5 30	13 43	21 40	21 47	25 37	17 46	5 12	
W 6	18 55	20 9	4 59	22 30	1 27	24 48	1 26	24 34	1 21	4 2	1 8	17 8	1 51	12 14	0 45	21 46	0 40	5 29	13 43	21 40	21 46	25 38	17 46	5 12	
T 7	19 9	16 13	5 14	23 0	1 35	24 53	1 28	24 32	1 21	3 59	1 8	17 10	1 51	12 13	0 45	21 46	0 40	5 29	13 43	21 40	21 46	25 39	17 47	5 12	
F 8	19 23	11 29	5 16	23 27	1 42	24 57	1 30	24 29	1 21	3 55	1 8	17 12	1 51	12 13	0 45	21 46	0 40	5 29	13 43	21 40	21 45	25 39	17 47	5 12	
S 9	19 36	6 8	5 1	23 51	1 48	25 1	1 32	24 26	1 21	3 51	1 9	17 13	1 51	12 13	0 45	21 46	0 40	5 29	13 43	21 40	21 45	25 40	17 48	5 12	
S 10	19 49	0 19	4 29	24 13	1 53	25 4	1 34	24 23	1 21	3 47	1 9	17 15	1 51	12 13	0 45	21 46	0 40	5 28	13 42	21 40	21 44	25 41	17 48	5 12	
M11	20 2	5s43	3 42	24 33	1 58	25 6	1 36	24 20	1 21	3 44	1 9	17 17	1 51	12 12	0 45	21 47	0 40	5 28	13 42	21 40	21 44	25 41	17 49	5 12	
T 12	20 14	11 38	2 39	24 49	2 2	25 7	1 37	24 16	1 20	3 40	1 9	17 19	1 50	12 12	0 45	21 47	0 40	5 28	13 42	21 40	21 43	25 42	17 49	5 12	
W13	20 26	17 4	1 24	25 3	2 6	25 8	1 39	24 12	1 20	3 37	1 9	17 21	1 50	12 12	0 45	21 47	0 40	5 27	13 42	21 39	21 43	25 42	17 50	5 12	
T 14	20 38	21 33	0 2	25 15	2 8	25 8	1 41	24 9	1 20	3 33	1 10	17 23	1 50	12 12	0 45	21 47	0 40	5 27	13 42	21 39	21 42	25 43	17 50	5 12	
F 15	20 49	24 37	1s20	25 24	2 10	25 8	1 42	24 5	1 20	3 30	1 10	17 25	1 50	12 12	0 45	21 47	0 40	5 27	13 42	21 39	21 42	25 43	17 51	5 12	
S 16	21 0	25 55	2 37	25 31	2 11	25 6	1 44	24 0	1 20	3 26	1 10	17 27	1 50	12 11	0 45	21 47	0 40	5 27	13 42	21 39	21 41	25 44	17 51	5 12	
S 17	21 11	25 21	3 42	25 36	2 11	25 4	1 45	23 56	1 20	3 23	1 10	17 29	1 50	12 11	0 45	21 47	0 40	5 27	13 41	21 40	21 41	25 45	17 52	5 12	
M18	21 21	23 2	4 32	25 38	2 11	25 1	1 46	23 52	1 20	3 20	1 11	17 30	1 50	12 11	0 45	21 47	0 40	5 26	13 41	21 40	21 40	25 45	17 52	5 12	
T 19	21 31	19 21	5 4	25 39	2 9	24 58	1 48	23 47	1 20	3 16	1 11	17 32	1 50	12 11	0 45	21 48	0 40	5 26	13 41	21 40	21 40	25 46	17 53	5 12	
W20	21 40	14 41	5 17	25 37	2 7	24 53	1 49	23 42	1 19	3 13	1 11	17 34	1 50	12 11	0 45	21 48	0 40	5 26	13 41	21 40	21 39	25 46	17 53	5 12	
T 21	21 49	9 24	5 12	25 34	2 4	24 48	1 50	23 37	1 19	3 10	1 11	17 36	1 50	12 11	0 45	21 48	0 40	5 26	13 41	21 40	21 39	25 47	17 54	5 12	
F 22	21 58	3 50	4 51	25 29	2 1	24 43	1 51	23 32	1 19	3 7	1 12	17 38	1 50	12 11	0 45	21 48	0 40	5 26	13 40	21 40	21 38	25 47	17 54	5 12	
S 23	22 6	1n47	4 15	25 23	1 56	24 36	1 52	23 27	1 19	3 4	1 12	17 39	1 50	12 11	0 45	21 48	0 40	5 25	13 40	21 40	21 38	25 48	17 54	5 12	
S 24	22 14	7 12	3 28	25 15	1 51	24 29	1 53	23 21	1 19	3 1	1 12	17 41	1 50	12 11	0 45	21 48	0 40	5 25	13 40	21 40	21 37	25 48	17 55	5 12	
M25	22 22	12 16	2 31	25 6	1 45	24 22	1 54	23 15	1 19	2 58	1 12	17 43	1 50	12 11	0 45	21 48	0 40	5 25	13 40	21 40	21 37	25 49	17 55	5 12	
T 26	22 29	16 46	1 29	24 55	1 39	24 13	1 54	23 10	1 19	2 55	1 13	17 45	1 50	12 11	0 45	21 49	0 40	5 25	13 40	21 40	21 36	25 49	17 56	5 12	
W27	22 36	20 33	0 23	24 44	1 31	24 4	1 55	23 4	1 18	2 53	1 13	17 46	1 50	12 11	0 45	21 49	0 40	5 25	13 39	21 40	21 36	25 50	17 56	5 12	
T 28	22 43	23 25	0n43	24 31	1 23	23 54	1 56	22 58	1 18	2 50	1 13	17 48	1 50	12 11	0 45	21 49	0 40	5 25	13 39	21 40	21 35	25 50	17 56	5 12	
F 29	22 49	25 15	1 47	24 17	1 14	23 44	1 56	22 51	1 18	2 47	1 13	17 50	1 50	12 11	0 46	21 49	0 40	5 25	13 39	21 40	21 35	25 51	17 57	5 12	
S 30	22 54	25 56	2 45	24 3	1 5	23 33	1 57	22 45	1 18	2 44	1 14	17 52	1 50	12 11	0 46	21 49	0 40	5 25	13 39	21 40	21 34	25 51	17 57	5 12	
S 31	22n59	25n26	3n37	23n48	0n55	23n21	1n57	22n38	1n18	2s42	1s14	17n53	1s50	12s11	0s46	21s49	0n40	5s25	13n38	21n39	21n33	25n52	17n57	5s12	

ASTRODIENST EPHEMERIS for the year 1500

geocentric

JUNE 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	17 15 2	19°11'19"	28°49'	13°54'	24°54'	24°54'	26°11'	27°54'	0°R 4	16°R30	23°R13	7°R41	7°II 4	6°515	20°II19	M 1
T 2	17 18 58	20°13'34"	14°46'	14°32'	25°58'	25°17'	26°18'	27°50'	0°H 3	16°329	23°II11	7°II40	7° 1	6°22	20°24	T 2
W 3	17 22 55	21°10'49"	26°52'	15°17'	27° 9'	25°54'	26°24'	27°58'	0° 3	16°28	23°10	7°38	6°57	6°28	20°30	W 3
T 4	17 26 51	22° 8'03"	9°11'	15°59'	28°19'	26°31'	26°31'	28° 5'	0° 3	16°26	23° 9'	7°37	6°54	6°35	20°36	T 4
F 5	17 30 48	23° 5'17"	21°46'	16°36'	29°29'	27° 8'	26°37'	28°13'	0° 2	16°25	23° 7'	7°D37	6°51	6°42	20°41	F 5
S 6	17 34 45	24° 2'29"	4°43'	17° 9'	0°L40	27°46'	26°43'	28°20'	0° 2	16°23	23° 6'	7°37	6°48	6°48	20°47	S 6
S 7	17 38 41	24°59'41"	18° 3'	17°38'	1°50'	28°23'	26°49'	28°27'	0° 1	16°22	23° 4'	7°38	6°45	6°55	20°53	S 7
M 8	17 42 38	25°56'53"	1°L49	18° 2'	3° 0'	29° 0'	26°55'	28°35'	0° 0	16°20	23° 3'	7°39	6°41	7° 2	20°58	M 8
T 9	17 46 34	26°54'04"	16° 1'	18°23'	4°10'	29°37'	27° 0'	28°42'	29°59	16°19	23° 2'	7°40	6°38	7° 8	21° 4	T 9
W10	17 50 31	27°51'14"	0°X38	18°38'	5°20'	0°L14	27° 6'	28°49'	29°59	16°17	23° 1'	7°R41	6°35	7°15	21°10	W10
T 11	17 54 27	28°48'25"	15°36'	18°50'	6°30'	0°52'	27°11'	28°56'	29°58	16°16	22°59	7°41	6°32	7°22	21°15	T 11
F 12	17 58 24	29°45'35"	0°345	18°56'	7°40'	1°29'	27°16'	29° 3'	29°58	16°14	22°58	7°40	6°29	7°28	21°21	F 12
S 13	18 2 20	0°542'45"	15°59'	18°R58	8°50'	2° 6'	27°21'	29°10'	29°57	16°13	22°57	7°38	6°26	7°35	21°26	S 13
S 14	18 6 17	1°39'54"	1° 6'	18°56'	9°59'	2°44'	27°26'	29°17'	29°56	16°11	22°56	7°35	6°22	7°42	21°32	S 14
M15	18 10 14	2°37'04"	15°57'	18°48'	11° 9'	3°21'	27°30'	29°24'	29°55	16°10	22°54	7°32	6°19	7°48	21°38	M15
T 16	18 14 10	3°34'14"	0°H26	18°37'	12°18'	3°58'	27°35'	29°31'	29°54	16° 8	22°53	7°29	6°16	7°55	21°43	T 16
W17	18 18 7	4°31'24"	14°29'	18°21'	13°28'	4°35'	27°39'	29°38'	29°53	16° 6	22°52	7°26	6°13	8° 2	21°49	W17
T 18	18 22 3	5°28'35"	28° 5'	18° 0'	14°37'	5°13'	27°43'	29°45'	29°52	16° 5	22°51	7°25	6°10	8° 8	21°54	T 18
F 19	18 26 0	6°25'45"	11°Y15	17°36'	15°46'	5°50'	27°47'	29°52'	29°51	16° 3	22°50	7°D25	6° 7	8°15	22° 0	F 19
S 20	18 29 56	7°22'56"	24° 1'	17° 9'	16°55'	6°28'	27°51'	29°59'	29°50	16° 2	22°49	7°26	6° 3	8°22	22° 6	S 20
S 21	18 33 53	8°20'08"	6°X28	16°38'	18° 4'	7° 5'	27°54'	0°II 5	29°49	16° 0	22°48	7°27	6° 0	8°28	22°11	S 21
M22	18 37 49	9°17'20"	18°40'	16° 4'	19°13'	7°42'	27°57'	0°12	29°47	15°58	22°47	7°29	5°57	8°35	22°17	M22
T 23	18 41 46	10°14'32"	0°II41	15°28'	20°22'	8°20'	28° 1'	0°19	29°46	15°57	22°46	7°30	5°54	8°42	22°22	T 23
W24	18 45 43	11°11'45"	12°35'	14°51'	21°31'	8°57'	28° 4'	0°25	29°45	15°55	22°45	7°R30	5°51	8°48	22°28	W24
T 25	18 49 39	12° 8'58"	24°24'	14°12'	22°39'	9°35'	28° 6'	0°32	29°43	15°54	22°44	7°29	5°47	8°55	22°33	T 25
F 26	18 53 36	13° 6'11"	6°512	13°33'	23°48'	10°12'	28° 9'	0°38	29°42	15°52	22°43	7°26	5°44	9° 2	22°39	F 26
S 27	18 57 32	14° 3'25"	18° 1'	12°55'	24°56'	10°49'	28°11'	0°45	29°41	15°50	22°42	7°21	5°41	9° 9	22°44	S 27
S 28	19 1 29	15° 0'39"	29°52'	12°17'	26° 4'	11°27'	28°14'	0°51	29°39	15°49	22°41	7°15	5°38	9°15	22°49	S 28
M29	19 5 25	15°57'53"	11°L49	11°41'	27°12'	12° 4'	28°16'	0°58	29°38	15°47	22°41	7° 8	5°35	9°22	22°55	M29
T 30	19 9 22	16°55'08"	23°L52	11°57	28°L20	12°L42	28°H18	1°II 4	29°36	15°46	22°L40	7°II 1	5°II32	9°29	23°II 0	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
M 1	23n 4	23n48	4n20	23n32	0n44	23n 9	1n57	22n31	1n18	2s39	1s14	17n55	1s50	12s12	0s46	21s50	0n40	5s25	13n38	21n39	21n33	25n52	17n58	5s12	
T 2	23 9	21 5	4 52	23 15	0 33	22 56	1 57	22 24	1 17	2 37	1 15	17 57	1 50	12 12	0 46	21 50	0 40	5 24	13 38	21 39	21 32	25 53	17 58	5 12	
W 3	23 13	17 27	5 11	22 58	0 21	22 42	1 57	22 17	1 17	2 35	1 15	17 58	1 50	12 12	0 46	21 50	0 40	5 24	13 37	21 39	21 32	25 53	17 58	5 12	
T 4	23 16	13 2	5 16	22 41	0 8	22 28	1 57	22 10	1 17	2 32	1 15	18 0	1 50	12 12	0 46	21 50	0 40	5 24	13 37	21 38	21 31	25 53	17 59	5 12	
F 5	23 19	7 58	5 7	22 23	0s 5	22 13	1 57	22 3	1 17	2 30	1 15	18 1	1 50	12 12	0 46	21 50	0 40	5 24	13 37	21 38	21 31	25 54	17 59	5 12	
S 6	23 22	2 26	4 42	22 6	0 19	21 58	1 57	21 55	1 17	2 28	1 16	18 3	1 50	12 12	0 46	21 50	0 40	5 24	13 37	21 38	21 30	25 54	17 59	5 13	
S 7	23 25	3s23	4 1	21 48	0 33	21 42	1 57	21 47	1 17	2 26	1 16	18 5	1 50	12 13	0 46	21 51	0 40	5 24	13 36	21 39	21 30	25 55	18 0	5 13	
M 8	23 27	9 14	3 5	21 30	0 47	21 26	1 56	21 40	1 16	2 24	1 16	18 6	1 50	12 13	0 46	21 51	0 40	5 24	13 36	21 39	21 29	25 55	18 0	5 13	
T 9	23 28	14 49	1 57	21 13	1 2	21 9	1 56	21 32	1 16	2 22	1 16	18 8	1 50	12 13	0 46	21 51	0 40	5 24	13 36	21 39	21 29	25 55	18 0	5 13	
W10	23 29	19 42	0 39	20 55	1 18	20 51	1 55	21 23	1 16	2 20	1 17	18 9	1 50	12 13	0 46	21 51	0 40	5 24	13 35	21 39	21 28	25 56	18 0	5 13	
T 11	23 30	23 27	0s43	20 38	1 33	20 33	1 55	21 15	1 16	2 18	1 17	18 11	1 50	12 14	0 46	21 51	0 40	5 24	13 35	21 39	21 28	25 56	18 0	5 13	
F 12	23 30	25 34	2 4	20 22	1 49	20 14	1 54	21 7	1 16	2 16	1 17	18 12	1 51	12 14	0 46	21 52	0 40	5 24	13 34	21 39	21 27	25 57	18 1	5 13	
S 13	23 30	25 47	3 16	20 6	2 5	19 55	1 53	20 58	1 15	2 15	1 18	18 14	1 51	12 14	0 46	21 52	0 40	5 25	13 34	21 39	21 26	25 57	18 1	5 13	
S 14	23 30	24 5	4 13	19 51	2 21	19 35	1 52	20 49	1 15	2 13	1 18	18 15	1 51	12 15	0 46	21 52	0 40	5 25	13 34	21 38	21 26	25 57	18 1	5 14	
M15	23 29	20 45	4 52	19 36	2 36	19 15	1 51	20 41	1 15	2 11	1 18	18 17	1 51	12 15	0 46	21 52	0 40	5 25	13 33	21 38	21 25	25 58	18 1	5 14	
T 16	23 27	16 12	5 12	19 22	2 52	18 55	1 50	20 32	1 15	2 10	1 19	18 18	1 51	12 15	0 46	21 52	0 40	5 25	13 33	21 37	21 25	25 58	18 1	5 14	
W17	23 26	10 55	5 12	19 9	3 7	18 34	1 49	20 22	1 15	2 9	1 19	18 20	1 51	12 16	0 46	21 53	0 40	5 25	13 33	21 37	21 24	25 58	18 2	5 14	
T 18	23 23	5 15	4 54	18 57	3 22	18 12	1 47	20 13	1 14	2 7	1 19	18 21	1 51	12 16	0 46	21 53	0 40	5 25	13 32	21 36	21 24	25 59	18 2	5 14	
F 19	23 21	0n27	4 21	18 47	3 36	17 50	1 46	20 4	1 14	2 6	1 19	18 22	1 51	12 17	0 46	21 53	0 40	5 25	13 32	21 36	21 23	25 59	18 2	5 14	
S 20	23 18	5 59	3 36	18 37	3 49	17 28	1 44	19 54	1 14	2 5	1 20	18 24	1 51	12 17	0 46	21 53	0 40	5 25	13 31	21 37	21 23	25 59	18 2	5 15	
S 21	23 15	11 10	2 42	18 28	4 1	17 5	1 42	19 44	1 14	2 4	1 20	18 25	1 51	12 18	0 46	21 53	0 40	5 25	13 31	21 37	21 22	26 0	18 2	5 15	
M22	23 11	15 48	1 41	18 21	4 13	16 42	1 41	19 35	1 14	2 2	1 20	18 26	1 51	12 18	0 46	21 54	0 40	5 26	13 31	21 37	21 22	26 0	18 2	5 15	
T 23	23 7	19 45	0 37	18 15	4 23	16 18	1 39	19 25	1 13	2 2	1 21	18 28	1 51	12 19	0 46	21 54	0 40	5 26	13 30	21 37	21 21	26 0	18 2	5 15	
W24	23 2	22 49	0n28	18 11	4 31	15 54	1 37	19 15	1 13	2 1	1 21	18 29	1 51	12 19	0 46	21 54	0 40	5 26	13 30	21 37	21 20	26 1	18 3	5 15	
T 25	22 57	24 54	1 31	18 8	4 39	15 30	1 35	19 4	1 13	2 0	1 21	18 30	1 51	12 19	0 46	21 54	0 40	5 26	13 29	21 37	21 20	26 1	18 3	5 16	
F 26	22 51	25 52	2 30	18 6	4 44	15 5	1 33	18 54	1 13	1 59	1 22	18 32	1 51	12 20	0 47	21 54	0 40	5 26	13 29	21 37	21 19	26 1	18 3	5 16	
S 27	22 46	25 38	3 23	18 5	4 49	14 40	1 30	18 44	1 12	1 58	1 22	18 33	1 51	12 21	0 47	21 54	0 40	5 27	13 28	21 36	21 19	26 1	18 3	5 16	
S 28	22 39	24 15	4 7	18 6	4 51	14 15	1 28	18 33	1 12	1 58	1 22	18 34	1 51	12 21	0 47	21 55	0 39	5 27	13 28	21 35	21 18	26 2	18 3	5 16	
M29	22 33	21 46	4 40	18 9	4 52	13 49	1 26	18 22	1 12	1 57	1 22	18 35	1 51	12 22	0 47	21 55	0 39	5 27	13 28	21 34	21 18	26 2	18 3	5 16	
T 30	22n26	18n20	5n 1	18n12	4s51	13n23	1n23	18n11	1n12	1s57	1s23	18n37	1s52	12s22	0s47	21s55	0n39	5s27	13n27	21n32	21n17	26n 2	18n 3	5s17	

ASTRODIENST EPHEMERIS for the year 1500

geocentric

JULY 1500 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	19 13 19	17°52'22	6°4	10°R36	29°J28	13°J20	28°H19	1°J10	29°R35	15°R44	22°R39	6°R55	5°J28	9°J35	23°J6	W 1
T 2	19 17 15	18°49'37	18°27	10°J8	0°J36	13°57	28°21	1°16	29°J33	15°J42	22°J38	6°J49	5°25	9°42	23°11	T 2
F 3	19 21 12	19°46'53	1°4	9°45	1°44	14°35	28°22	1°22	29°31	15°41	22°38	6°46	5°22	9°49	23°16	F 3
S 4	19 25 8	20°44'08	13°58	9°25	2°51	15°12	28°23	1°28	29°30	15°39	22°37	6°44	5°19	9°55	23°21	S 4
S 5	19 29 5	21°41'24	27°12	9°11	3°59	15°50	28°24	1°34	29°28	15°37	22°36	6°D44	5°16	10° 2	23°27	S 5
M 6	19 33 1	22°38'40	10°J49	9° 2	5° 6	16°27	28°24	1°40	29°26	15°36	22°36	6°45	5°13	10° 9	23°32	M 6
T 7	19 36 58	23°35'57	24°50	8°D58	6°13	17° 5	28°25	1°46	29°24	15°34	22°35	6°46	5° 9	10°15	23°37	T 7
W 8	19 40 54	24°33'13	9°J16	9° 0	7°20	17°43	28°25	1°52	29°23	15°33	22°35	6°R46	5° 6	10°22	23°42	W 8
T 9	19 44 51	25°30'31	24° 4	9° 8	8°27	18°20	28°R25	1°58	29°21	15°31	22°34	6°45	5° 3	10°29	23°47	T 9
F 10	19 48 48	26°27'49	9°J8	9°22	9°33	18°58	28°25	2° 3	29°19	15°29	22°34	6°42	5° 0	10°35	23°52	F 10
S 11	19 52 44	27°25'08	24°21	9°42	10°40	19°36	28°25	2° 9	29°17	15°28	22°33	6°37	4°57	10°42	23°58	S 11
S 12	19 56 41	28°22'27	9°J32	10° 8	11°46	20°13	28°24	2°14	29°15	15°26	22°33	6°30	4°53	10°49	24° 3	S 12
M13	20 0 37	29°19'47	24°31	10°40	12°52	20°51	28°24	2°20	29°13	15°25	22°32	6°22	4°50	10°55	24° 8	M13
T14	20 4 34	0°J17'08	9°J8	11°18	13°58	21°29	28°23	2°25	29°11	15°23	22°32	6°14	4°47	11° 2	24°13	T14
W15	20 8 30	1°14'30	23°20	12° 3	15° 4	22° 6	28°22	2°30	29° 9	15°22	22°32	6° 8	4°44	11° 9	24°17	W15
T16	20 12 27	2°11'53	7°J2	12°53	16°10	22°44	28°20	2°36	29° 7	15°20	22°31	6° 3	4°41	11°15	24°22	T16
F17	20 16 23	3° 9'18	20°16	13°49	17°15	23°22	28°19	2°41	29° 5	15°19	22°31	6° 0	4°38	11°22	24°27	F17
S18	20 20 20	4° 6'43	3°J3	14°51	18°20	24° 0	28°17	2°46	29° 3	15°17	22°31	5°D59	4°34	11°29	24°32	S18
S19	20 24 17	5° 4'10	15°29	15°59	19°26	24°38	28°15	2°51	29° 1	15°15	22°31	6° 0	4°31	11°35	24°37	S19
M20	20 28 13	6° 1'38	27°37	17°12	20°30	25°16	28°13	2°56	28°59	15°14	22°30	6° 1	4°28	11°42	24°42	M20
T21	20 32 10	6°59'08	9°J34	18°31	21°35	25°53	28°11	3° 1	28°57	15°13	22°30	6°R 1	4°25	11°49	24°46	T21
W22	20 36 6	7°56'39	21°24	19°54	22°40	26°31	28° 9	3° 5	28°55	15°11	22°30	5°59	4°22	11°55	24°51	W22
T23	20 40 3	8°54'11	3°J2	21°23	23°44	27° 9	28° 6	3°10	28°52	15°10	22°30	5°56	4°19	12° 2	24°55	T23
F24	20 43 59	9°51'44	15° 0	22°56	24°48	27°47	28° 3	3°15	28°50	15° 8	22°D30	5°50	4°15	12° 9	25° 0	F24
S25	20 47 56	10°49'19	26°52	24°33	25°52	28°25	28° 0	3°19	28°48	15° 7	22°30	5°41	4°12	12°15	25° 5	S25
S26	20 51 52	11°46'55	8°J50	26°15	26°56	29° 3	27°57	3°24	28°46	15° 5	22°30	5°31	4° 9	12°22	25° 9	S26
M27	20 55 49	12°44'32	20°56	28° 0	27°59	29°41	27°53	3°28	28°43	15° 4	22°30	5°19	4° 6	12°29	25°13	M27
T28	20 59 46	13°42'10	3°J10	29°48	29° 2	0°J19	27°50	3°32	28°41	15° 3	22°30	5° 6	4° 3	12°35	25°18	T28
W29	21 3 42	14°39'49	15°33	1°J40	0°J5	0°57	27°46	3°37	28°39	15° 1	22°30	4°55	3°59	12°42	25°22	W29
T30	21 7 39	15°37'30	28° 7	3°33	1° 8	1°35	27°42	3°41	28°36	15° 0	22°31	4°45	3°56	12°49	25°26	T30
F31	21 11 35	16°J35'12	10°J53	5°J29	2°J10	2°J13	27°J38	3°J45	28°J34	14°J58	22°J31	4°J38	3°J53	12°J55	25°J31	F31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22n18	14n 6	5n 9	18n17	4s49	12n56	1n20	18n 0	1n12	1s56	1s23	18n38	1s52	12s23	0s47	21s55	0n39	5s28	13n27	21n31	21n17	26n 2	18n 3	5s17			
T 2	22 11	9 14	5 3	18 23	4 45	12 30	1 17	17 49	1 11	1 56	1 23	18 39	1 52	12 23	0 47	21 56	0 39	5 28	13 26	21 31	21 16	26 3	18 3	5 17			
F 3	22 3	3 53	4 42	18 30	4 39	12 3	1 15	17 38	1 11	1 56	1 24	18 40	1 52	12 24	0 47	21 56	0 39	5 28	13 26	21 30	21 15	26 3	18 3	5 17			
S 4	21 54	1s44	4 7	18 39	4 32	11 36	1 12	17 27	1 11	1 56	1 24	18 41	1 52	12 25	0 47	21 56	0 39	5 28	13 25	21 30	21 15	26 3	18 3	5 18			
S 5	21 45	7 26	3 17	18 48	4 24	11 8	1 9	17 15	1 11	1 56	1 24	18 42	1 52	12 25	0 47	21 56	0 39	5 29	13 25	21 30	21 14	26 3	18 3	5 18			
M 6	21 36	12 58	2 16	18 58	4 14	10 41	1 5	17 4	1 10	1 56	1 25	18 43	1 52	12 26	0 47	21 56	0 39	5 29	13 24	21 30	21 14	26 4	18 3	5 18			
T 7	21 26	18 0	1 4	19 9	4 4	10 13	1 2	16 52	1 10	1 56	1 25	18 44	1 52	12 27	0 47	21 57	0 39	5 29	13 24	21 30	21 13	26 4	18 3	5 19			
W 8	21 16	22 7	0s13	19 21	3 52	9 45	0 59	16 40	1 10	1 56	1 25	18 45	1 52	12 27	0 47	21 57	0 39	5 30	13 23	21 30	21 13	26 4	18 3	5 19			
T 9	21 6	24 54	1 32	19 33	3 39	9 17	0 55	16 29	1 10	1 56	1 26	18 47	1 52	12 28	0 47	21 57	0 39	5 30	13 23	21 30	21 12	26 4	18 3	5 19			
F 10	20 55	25 56	2 45	19 45	3 26	8 48	0 52	16 17	1 9	1 57	1 26	18 48	1 52	12 29	0 47	21 57	0 39	5 30	13 22	21 29	21 11	26 4	18 3	5 19			
S 11	20 44	25 2	3 47	19 57	3 12	8 20	0 48	16 4	1 9	1 57	1 26	18 49	1 53	12 29	0 47	21 57	0 39	5 31	13 22	21 28	21 11	26 4	18 3	5 20			
S 12	20 33	22 18	4 33	20 10	2 58	7 51	0 44	15 52	1 9	1 57	1 26	18 50	1 53	12 30	0 47	21 57	0 39	5 31	13 21	21 27	21 10	26 5	18 2	5 20			
M13	20 21	18 6	5 0	20 22	2 43	7 22	0 40	15 40	1 9	1 58	1 27	18 50	1 53	12 31	0 47	21 58	0 39	5 32	13 21	21 26	21 10	26 5	18 2	5 20			
T14	20 9	12 53	5 6	20 34	2 28	6 53	0 36	15 28	1 8	1 59	1 27	18 51	1 53	12 31	0 47	21 58	0 39	5 32	13 20	21 25	21 9	26 5	18 2	5 21			
W15	19 56	7 8	4 53	20 46	2 13	6 24	0 32	15 15	1 8	1 59	1 27	18 52	1 53	12 32	0 47	21 58	0 39	5 32	13 20	21 23	21 8	26 5	18 2	5 21			
T16	19 43	1 13	4 43	20 56	1 57	5 54	0 28	15 2	1 8	2 0	1 28	18 53	1 53	12 33	0 47	21 58	0 39	5 33	13 19	21 23	21 8	26 5	18 2	5 21			
F17	19 30	4n33	3 40	21 6	1 42	5 25	0 24	14 50	1 7	2 1	1 28	18 54	1 53	12 34	0 47	21 58	0 39	5 33	13 19	21 22	21 7	26 5	18 2	5 22			
S18	19 17	9 57	2 47	21 15	1 26	4 55	0 19	14 37	1 7	2 2	1 28	18 55	1 53	12 34	0 47	21 59	0 39	5 34	13 18	21 22	21 7	26 5	18 2	5 22			
S 19	19 3	14 48	1 48	21 22	1 11	4 26	0 15	14 24	1 7	2 3	1 29	18 56	1 53	12 35	0 47	21 59	0 39	5 34	13 18	21 22	21 6	26 6	18 2	5 22			
M20	18 49	18 57	0 45	21 28	0 56	3 56	0 10	14 11	1 7	2 4	1 29	18 57	1 54	12 36	0 47	21 59	0 39	5 35	13 17	21 22	21 6	26 6	18 1	5 23			
T21	18 35	22 16	0n19	21 33	0 41	3 26	0 6	13 58	1 6	2 5	1 29	18 58	1 54	12 37	0 47	21 59	0 39	5 35	13 17	21 22	21 5	26 6	18 1	5 23			
W22	18 20	24 35	1 21	21 35	0 27	2 56	0 1	13 45	1 6	2 6	1 29	18 58	1 54	12 37	0 47	21 59	0 39	5 35	13 16	21 22	21 4	26 6	18 1	5 24			
T23	18 5	25 48	2 20	21 35	0 13	2 26	0s 4	13 31	1 6	2 8	1 30	18 59	1 54	12 38	0 47	22 0	0 39	5 36	13 16	21 21	21 4	26 6	18 1	5 24			
F24	17 50	25 50	3 12	21 33	0n 0	1 56	0 9	13 18	1 6	2 9	1 30	19 0	1 54	12 39	0 47	22 0	0 39	5 36	13 15	21 20	21 3	26 6	18 1	5 24			
S25	17 34	24 42	3 56	21 29	0 13	1 26	0 14	13 5	1 5	2 11	1 30	19 1	1 54	12 40	0 47	22 0	0 39	5 37	13 15	21 19	21 3	26 6	18 0	5 25			
S26	17 18	22 27	4 30	21 22	0 25	0 56	0 19	12 51	1 5	2 12	1 31	19 1	1 54	12 40	0 47	22 0	0 39	5 37	13 14	21 17	21 2	26 6	18 0	5 25			
M27	17 2	19 10	4 53	21 13	0 36	0 26	0 24	12 37	1 5	2 14	1 31	19 2	1 54	12 41	0 47	22 0	0 39	5 38	13 14	21 15	21 1	26 6	18 0	5 25			
T28	16 45	15 3	5 2	21 1	0 47	0s 4	0 29	12 24	1 4	2 15	1 31	19 3	1 55	12 42	0 47	22 0	0 39	5 38	13 13	21 13	21 1	26 6	18 0	5 26			
W29	16 29	10 16	4 57	20 46	0 57	0 34	0 34	12 10	1 4	2 17	1 31	19 3	1 55	12 43	0 47	22 1	0 39	5 39	13 13	21 11	21 0	26 6	17 59	5 27			
T30	16 12	4 59	4 38	20 28	1 5	0 4	0 40	11 56	1 4	2 19	1 32	19 4	1 55	12 44	0 47	22 1	0 39	5 40	13 12	21 9	21 0	26 6	17 59	5 27			
F31	15n55	0s35	4n 4	20n 8	1n13	1s33	0s45	11n42	1n 4	2s21	1s32	19n 5	1s55	12s45	0s47	22s 1	0n39	5s40	13n12	21n 7	20n59	26n 6	17n59	5s27			

ASTRODIENST EPHEMERIS for the year 1500

geocentric

AUGUST 1500 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	21 15 32	17 ⁰ 32'54	23 ⁰ 52	7 ⁰ 27	3 ⁰ 12	2 ⁰ 51	27 ⁰ R34	3 ⁰ II49	28 ⁰ R32	14 ⁰ R57	22 ⁰ M31	4 ⁰ R34	3 ⁰ II50	13 ⁰ 2	25 ⁰ II35	S 1
S 2	21 19 28	18 ⁰ 30'38	7 ⁰ M 7	9 ⁰ 25	4 ⁰ 14	3 ⁰ 29	27 ⁰ H29	3 ⁰ 52	28 ⁰ 29	14 ⁰ 356	22 ⁰ 31	4 ⁰ II31	3 ⁰ 47	13 ⁰ 9	25 ⁰ 39	S 2
M 3	21 23 25	19 ⁰ 28'23	20 ⁰ 39	11 ⁰ 25	5 ⁰ 16	4 ⁰ 8	27 ⁰ 25	3 ⁰ 56	28 ⁰ 27	14 ⁰ 55	22 ⁰ 32	4 ⁰ D31	3 ⁰ 44	13 ⁰ 15	25 ⁰ 43	M 3
T 4	21 27 21	20 ⁰ 26'09	4 ⁰ X31	13 ⁰ 25	6 ⁰ 17	4 ⁰ 46	27 ⁰ 20	4 ⁰ 0	28 ⁰ 25	14 ⁰ 53	22 ⁰ 32	4 ⁰ R31	3 ⁰ 40	13 ⁰ 22	25 ⁰ 47	T 4
W 5	21 31 18	21 ⁰ 23'57	18 ⁰ 43	15 ⁰ 26	7 ⁰ 18	5 ⁰ 24	27 ⁰ 15	4 ⁰ 3	28 ⁰ 22	14 ⁰ 52	22 ⁰ 32	4 ⁰ 31	3 ⁰ 37	13 ⁰ 29	25 ⁰ 51	W 5
T 6	21 35 15	22 ⁰ 21'45	3 ⁰ 314	17 ⁰ 27	8 ⁰ 19	6 ⁰ 2	27 ⁰ 10	4 ⁰ 7	28 ⁰ 20	14 ⁰ 51	22 ⁰ 33	4 ⁰ 28	3 ⁰ 34	13 ⁰ 35	25 ⁰ 55	T 6
F 7	21 39 11	23 ⁰ 19'35	18 ⁰ 1	19 ⁰ 27	9 ⁰ 19	6 ⁰ 40	27 ⁰ 4	4 ⁰ 10	28 ⁰ 18	14 ⁰ 50	22 ⁰ 33	4 ⁰ 23	3 ⁰ 31	13 ⁰ 42	25 ⁰ 59	F 7
S 8	21 43 8	24 ⁰ 17'26	2 ⁰ 58	21 ⁰ 27	10 ⁰ 19	7 ⁰ 19	26 ⁰ 59	4 ⁰ 13	28 ⁰ 15	14 ⁰ 49	22 ⁰ 34	4 ⁰ 16	3 ⁰ 28	13 ⁰ 49	26 ⁰ 3	S 8
S 9	21 47 4	25 ⁰ 15'18	17 ⁰ 57	23 ⁰ 26	11 ⁰ 19	7 ⁰ 57	26 ⁰ 53	4 ⁰ 17	28 ⁰ 13	14 ⁰ 47	22 ⁰ 34	4 ⁰ 6	3 ⁰ 25	13 ⁰ 55	26 ⁰ 6	S 9
M10	21 51 1	26 ⁰ 13'12	2 ⁰ H49	25 ⁰ 25	12 ⁰ 18	8 ⁰ 35	26 ⁰ 47	4 ⁰ 20	28 ⁰ 11	14 ⁰ 46	22 ⁰ 35	3 ⁰ 55	3 ⁰ 21	14 ⁰ 2	26 ⁰ 10	M10
T 11	21 54 57	27 ⁰ 11'08	17 ⁰ 24	27 ⁰ 23	13 ⁰ 17	9 ⁰ 13	26 ⁰ 42	4 ⁰ 23	28 ⁰ 8	14 ⁰ 45	22 ⁰ 35	3 ⁰ 44	3 ⁰ 18	14 ⁰ 9	26 ⁰ 14	T 11
W12	21 58 54	28 ⁰ 9'05	1 ⁰ V35	29 ⁰ 19	14 ⁰ 16	9 ⁰ 52	26 ⁰ 36	4 ⁰ 26	28 ⁰ 6	14 ⁰ 44	22 ⁰ 36	3 ⁰ 34	3 ⁰ 15	14 ⁰ 16	26 ⁰ 17	W12
T 13	22 2 50	29 ⁰ 7'04	15 ⁰ 20	1 ⁰ M15	15 ⁰ 14	10 ⁰ 30	26 ⁰ 29	4 ⁰ 28	28 ⁰ 3	14 ⁰ 43	22 ⁰ 37	3 ⁰ 26	3 ⁰ 12	14 ⁰ 22	26 ⁰ 21	T 13
F 14	22 6 47	0 ⁰ M 5'04	28 ⁰ 37	3 ⁰ 10	16 ⁰ 11	11 ⁰ 9	26 ⁰ 23	4 ⁰ 31	28 ⁰ 1	14 ⁰ 42	22 ⁰ 37	3 ⁰ 21	3 ⁰ 9	14 ⁰ 29	26 ⁰ 24	F 14
S 15	22 10 44	1 ⁰ 3'07	11 ⁰ 27	5 ⁰ 3	17 ⁰ 9	11 ⁰ 47	26 ⁰ 17	4 ⁰ 34	27 ⁰ 59	14 ⁰ 41	22 ⁰ 38	3 ⁰ 18	3 ⁰ 5	14 ⁰ 36	26 ⁰ 27	S 15
S 16	22 14 40	2 ⁰ 1'12	23 ⁰ 54	6 ⁰ 56	18 ⁰ 6	12 ⁰ 25	26 ⁰ 10	4 ⁰ 36	27 ⁰ 56	14 ⁰ 40	22 ⁰ 39	3 ⁰ 18	3 ⁰ 2	14 ⁰ 42	26 ⁰ 31	S 16
M17	22 18 37	2 ⁰ 59'18	6 ⁰ II 4	8 ⁰ 47	19 ⁰ 2	13 ⁰ 4	26 ⁰ 3	4 ⁰ 39	27 ⁰ 54	14 ⁰ 39	22 ⁰ 39	3 ⁰ 17	2 ⁰ 59	14 ⁰ 49	26 ⁰ 34	M17
T 18	22 22 33	3 ⁰ 57'27	18 ⁰ 1	10 ⁰ 37	19 ⁰ 58	13 ⁰ 42	25 ⁰ 56	4 ⁰ 41	27 ⁰ 51	14 ⁰ 38	22 ⁰ 40	3 ⁰ 17	2 ⁰ 56	14 ⁰ 56	26 ⁰ 37	T 18
W19	22 26 30	4 ⁰ 55'38	29 ⁰ 51	12 ⁰ 25	20 ⁰ 54	14 ⁰ 21	25 ⁰ 50	4 ⁰ 43	27 ⁰ 49	14 ⁰ 37	22 ⁰ 41	3 ⁰ 15	2 ⁰ 53	15 ⁰ 2	26 ⁰ 40	W19
T 20	22 30 26	5 ⁰ 53'50	11 ⁰ 39	14 ⁰ 13	21 ⁰ 49	14 ⁰ 59	25 ⁰ 43	4 ⁰ 45	27 ⁰ 47	14 ⁰ 36	22 ⁰ 42	3 ⁰ 11	2 ⁰ 50	15 ⁰ 9	26 ⁰ 43	T 20
F 21	22 34 23	6 ⁰ 52'05	23 ⁰ 30	15 ⁰ 59	22 ⁰ 43	15 ⁰ 38	25 ⁰ 35	4 ⁰ 47	27 ⁰ 44	14 ⁰ 36	22 ⁰ 43	3 ⁰ 5	2 ⁰ 46	15 ⁰ 16	26 ⁰ 46	F 21
S 22	22 38 19	7 ⁰ 50'22	5 ⁰ II27	17 ⁰ 45	23 ⁰ 37	16 ⁰ 17	25 ⁰ 28	4 ⁰ 49	27 ⁰ 42	14 ⁰ 35	22 ⁰ 44	2 ⁰ 55	2 ⁰ 43	15 ⁰ 22	26 ⁰ 49	S 22
S 23	22 42 16	8 ⁰ 48'40	17 ⁰ 33	19 ⁰ 29	24 ⁰ 31	16 ⁰ 55	25 ⁰ 21	4 ⁰ 51	27 ⁰ 40	14 ⁰ 34	22 ⁰ 45	2 ⁰ 44	2 ⁰ 40	15 ⁰ 29	26 ⁰ 52	S 23
M24	22 46 13	9 ⁰ 47'01	29 ⁰ 50	21 ⁰ 11	25 ⁰ 23	17 ⁰ 34	25 ⁰ 13	4 ⁰ 52	27 ⁰ 37	14 ⁰ 33	22 ⁰ 46	2 ⁰ 30	2 ⁰ 37	15 ⁰ 36	26 ⁰ 55	M24
T 25	22 50 9	10 ⁰ 45'23	12 ⁰ M19	22 ⁰ 53	26 ⁰ 16	18 ⁰ 13	25 ⁰ 6	4 ⁰ 54	27 ⁰ 35	14 ⁰ 32	22 ⁰ 47	2 ⁰ 17	2 ⁰ 34	15 ⁰ 42	26 ⁰ 58	T 25
W26	22 54 6	11 ⁰ 43'47	24 ⁰ 59	24 ⁰ 34	27 ⁰ 7	18 ⁰ 51	24 ⁰ 58	4 ⁰ 55	27 ⁰ 33	14 ⁰ 32	22 ⁰ 48	2 ⁰ 4	2 ⁰ 31	15 ⁰ 49	27 ⁰ 0	W26
T 27	22 58 2	12 ⁰ 42'13	7 ⁰ 51	26 ⁰ 13	27 ⁰ 58	19 ⁰ 30	24 ⁰ 51	4 ⁰ 57	27 ⁰ 30	14 ⁰ 31	22 ⁰ 49	1 ⁰ 53	2 ⁰ 27	15 ⁰ 56	27 ⁰ 3	T 27
F 28	23 1 59	13 ⁰ 40'40	20 ⁰ 54	27 ⁰ 52	28 ⁰ 49	20 ⁰ 9	24 ⁰ 43	4 ⁰ 58	27 ⁰ 28	14 ⁰ 30	22 ⁰ 50	1 ⁰ 45	2 ⁰ 24	16 ⁰ 2	27 ⁰ 5	F 28
S 29	23 5 55	14 ⁰ 39'10	4 ⁰ M 8	29 ⁰ 29	29 ⁰ 38	20 ⁰ 48	24 ⁰ 35	4 ⁰ 59	27 ⁰ 26	14 ⁰ 30	22 ⁰ 51	1 ⁰ 40	2 ⁰ 21	16 ⁰ 9	27 ⁰ 8	S 29
S 30	23 9 52	15 ⁰ 37'41	17 ⁰ 33	1 ⁰ 5	0 ⁰ M27	21 ⁰ 26	24 ⁰ 27	5 ⁰ 0	27 ⁰ 24	14 ⁰ 29	22 ⁰ 52	1 ⁰ 37	2 ⁰ 18	16 ⁰ 16	27 ⁰ 10	S 30
M31	23 13 48	16 ⁰ 36'14	1 ⁰ X10	2 ⁰ 40	1 ⁰ M16	22 ⁰ 5	24 ⁰ H19	5 ⁰ II 1	27 ⁰ 21	14 ⁰ 29	22 ⁰ 54	1 ⁰ D37	2 ⁰ II15	16 ⁰ 22	27 ⁰ II12	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	decl	lat
S 1	15n37	6s13	3n18	19n45	1n20	2s 3	0s51	11n28	1n 3	2s23	1s32	19n 5	1s55	12s45	0s47	22s 1	0n39	5s41	13n11	21n 7	20n58	26n 6	17n59	5s28			
S 2	15 19	11 43	2 20	19 20	1 27	2 33	0 56	11 14	1 3	2 25	1 32	19 6	1 55	12 46	0 47	22 1	0 39	5 41	13 11	21 6	20 58	26 6	17 58	5 28			
M 3	15 1	16 48	1 13	18 52	1 32	3 3	1 2	11 0	1 3	2 27	1 33	19 6	1 55	12 47	0 47	22 2	0 39	5 42	13 10	21 6	20 57	26 6	17 58	5 28			
T 4	14 43	21 6	0 0	18 22	1 36	3 33	1 8	10 45	1 2	2 29	1 33	19 7	1 55	12 48	0 47	22 2	0 39	5 42	13 10	21 6	20 57	26 6	17 58	5 29			
W 5	14 24	24 16	1s14	17 50	1 40	4 2	1 14	10 31	1 2	2 31	1 33	19 7	1 56	12 49	0 47	22 2	0 39	5 43	13 9	21 6	20 56	26 6	17 57	5 29			
T 6	14 6	25 54	2 26	17 17	1 43	4 32	1 20	10 17	1 2	2 34	1 33	19 8	1 56	12 50	0 47	22 2	0 39	5 44	13 9	21 6	20 55	26 6	17 57	5 30			
F 7	13 47	25 44	3 28	16 41	1 45	5 1	1 26	10 2	1 1	2 36	1 34	19 8	1 56	12 50	0 47	22 2	0 39	5 44	13 8	21 5	20 55	26 6	17 57	5 30			
S 8	13 28	23 43	4 18	16 4	1 46	5 30	1 32	9 48	1 1	2 38	1 34	19 9	1 56	12 51	0 47	22 2	0 39	5 45	13 8	21 3	20 54	26 6	17 56	5 31			
S 9	13 8	20 4	4 49	15 25	1 46	5 59	1 38	9 33	1 1	2 41	1 34	19 9	1 56	12 52	0 47	22 2	0 39	5 45	13 7	21 2	20 54	26 6	17 56	5 31			
M10	12 49	15 10	5 1	14 45	1 46	6 28	1 44	9 18	1 0	2 43	1 34	19 10	1 56	12 53	0 47	22 3	0 39	5 46	13 7	20 59	20 53	26 6	17 56	5 32			
T 11	12 29	9 28	4 52	14 4	1 45	6 57	1 50	9 4	1 0	2 46	1 34	19 10	1 57	12 54	0 47	22 3	0 39	5 47	13 6	20 57	20 52	26 6	17 55	5 32			
W12	12 9	3 26	4 26	13 22	1 44	7 26	1 57	8 49	1 0	2 48	1 35	19 10	1 57	12 55	0 47	22 3	0 39	5 47	13 6	20 55	20 52	26 6	17 55	5 32			
T 13	11 49	2n36	3 45	12 39	1 42	7 54	2 3	8 34	0 59	2 51	1 35	19 11	1 57	12 55	0 47	22 3	0 39	5 48	13 5	20 54	20 51	26 6	17 54	5 33			
F 14	11 28	8 19	2 52	11 55	1 39	8 22	2 9	8 19	0 59	2 54	1 35	19 11	1 57	12 56	0 47	22 3	0 39	5 49	13 5	20 53	20 51	26 6	17 54	5 33			
S 15	11 8	13 31	1 53	11 11	1 36	8 50	2 16	8 4	0 59	2 56	1 35	19 11	1 57	12 57	0 47	22 3	0 39	5 49	13 4	20 53	20 50	26 6	17 54	5 34			
S 16	10 47	18 0	0 50	10 26	1 33	9 18	2 22	7 49	0 58	2 59	1 35	19 12	1 57	12 58	0 47	22 3	0 39	5 50	13 3	20 52	20 49	26 6	17 53	5 34			
M17	10 26	21 37	0n15	9 40	1 29	9 46	2 29	7 34	0 58	3 2	1 36	19 12	1 57	12 59	0 47	22 4	0 39	5 51	13 3	20 52	20 49	26 6	17 53	5 35			
T 18	10 5	24 15	1 17	8 55	1 25	10 13	2 35	7 19	0 58	3 5	1 36	19 12	1 58	12 59	0 47	22 4	0 38	5 51	13 2	20 52	20 48	26 6	17 52	5 35			
W19	9 44	25 46	2 16	8 9	1 20	10 41	2 42	7 4	0 57	3 8	1 36	19 13	1 58	13 0	0 47	22 4	0 38	5 52	13 2	20 52	20 48	26 5	17 52	5 36			
T 20	9 22	26 7	3 8	7 23	1 15	11 7	2 49	6 48	0 57	3 11	1 36	19 13	1 58	13 1	0 47	22 4	0 38	5 53	13 1	20 51	20 47	26 5	17 52	5 36			
F 21	9 1	25 16	3 52	6 37	1 10	11 34	2 55	6 33	0 57	3 14	1 36	19 13	1 58	13 2	0 47	22 4	0 38	5 53	13 1	20 50	20 46	26 5	17 51	5 37			
S 22	8 39	23 16	4 27	5 50	1 4	12 1	3 2	6 18	0 56	3 17	1 36	19 13	1 58	13 3	0 47	22 4	0 38	5 54	13 0	20 48	20 46	26 5	17 51	5 37			
S 23	8 17	20 12	4 50	5 4	0 58	12 27	3 9	6 2	0 56	3 20	1 37	19 13	1 58	13 4	0 47	22 4	0 38	5 55	13 0	20 46	20 45	26 5	17 50	5 38			
M24	7 55	16 14	5 0	4 18	0 52	12 53	3 15	5 47	0 56	3 23	1 37	19 14	1 58	13 4	0 47	22 4	0 38	5 56	12 59	20 43	20 44	26 5	17 50	5 39			
T 25	7 33	11 30	4 55	3 32	0 46	13 18	3 22	5 31	0 55	3 26	1 37	19 14	1 59	13 5	0 47	22 5	0 38	5 56	12 59	20 41	20 44	26 5	17 49	5 39			
W26	7 11	6 14	4 37	2 46	0 39	13 43	3 29	5 16	0 55	3 29	1 37	19 14	1 59	13 6	0 47	22 5	0 38	5 57	12 58	20 38	20 43	26 4	17 49	5 40			
T 27	6 49	0 37	4 4	2 0	0 33	14 8	3 36	5 0	0 55	3 32	1 37	19 14	1 59	13 7	0 47	22 5	0 38	5 58	12 58	20 36	20 43	26 4	17 48	5 40			
F 28	6 26	5s 8	3 18	1 15	0 26	14 33	3 43	4 45	0 54	3 35	1 37	19 14	1 59	13 7	0 47	22 5	0 38	5 58	12 58	20 34	20 42	26 4	17 48	5 41			
S 29	6 4	10 44	2 20	0 30	0 19	14 57	3 50	4 29	0 54	3 39	1 37	19 14	1 59	13 8	0 47	22 5	0 38	5 59	12 57	20 33	20 41	26 4	17 47	5 41			
S 30	5 41	15 56	1 14	0s15	0 12	15 21	3 56	4 13	0 54	3 42	1 37	19 14	1 59	13 9	0 47	22 5	0 38	6 0	12 57	20 33	20 41	26 4	17 47	5 42			
M31	5n18	20s25	0n 2	1s 0	0n 4	15s44	4s 3	3n58	0n53	3s45	1s37	19n14	2s 0	13s10	0s47	22s 5	0n38	6s 1	12n56	20n32	20n40	26n 4	17n46	5s42			

ASTRODIENST EPHEMERIS for the year 1500
geocentric

SEPTEMBER 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	23 17 45	17 ^h 34'48"	15 ^h 00'	4 ^h 14'	2 ^h 30'	22 ^h 44'	24 ^h 12'	5 ^h 11'	27 ^h 19'	14 ^h 28'	22 ^h 55'	1 ^h 37'	2 ^h 11'	16 ^h 29'	27 ^h 14'	T 1
W 2	23 21 42	18 ^h 33'24"	29 ^h 03'	5 ^h 48'	2 ^h 50'	23 ^h 23'	24 ^h 44'	5 ^h 02'	27 ^h 17'	14 ^h 28'	22 ^h 56'	1 ^h 37'	2 ^h 08'	16 ^h 36'	27 ^h 17'	W 2
T 3	23 25 38	19 ^h 32'02"	13 ^h 31'	7 ^h 20'	3 ^h 35'	24 ^h 02'	23 ^h 56'	5 ^h 03'	27 ^h 15'	14 ^h 27'	22 ^h 57'	1 ^h 35'	2 ^h 05'	16 ^h 42'	27 ^h 19'	T 3
F 4	23 29 35	20 ^h 30'42"	27 ^h 46'	8 ^h 51'	4 ^h 20'	24 ^h 41'	23 ^h 48'	5 ^h 04'	27 ^h 13'	14 ^h 27'	22 ^h 59'	1 ^h 30'	2 ^h 02'	16 ^h 49'	27 ^h 21'	F 4
S 5	23 33 31	21 ^h 29'23"	12 ^h 19'	10 ^h 21'	5 ^h 04'	25 ^h 20'	23 ^h 40'	5 ^h 04'	27 ^h 11'	14 ^h 26'	23 ^h 00'	1 ^h 23'	1 ^h 59'	16 ^h 56'	27 ^h 22'	S 5
S 6	23 37 28	22 ^h 28'06"	26 ^h 54'	11 ^h 50'	5 ^h 47'	25 ^h 59'	23 ^h 32'	5 ^h 04'	27 ^h 08'	14 ^h 26'	23 ^h 02'	1 ^h 14'	1 ^h 56'	17 ^h 03'	27 ^h 24'	S 6
M 7	23 41 24	23 ^h 26'50"	11 ^h 25'	13 ^h 18'	6 ^h 29'	26 ^h 38'	23 ^h 24'	5 ^h 04'	27 ^h 06'	14 ^h 26'	23 ^h 03'	1 ^h 04'	1 ^h 52'	17 ^h 09'	27 ^h 26'	M 7
T 8	23 45 21	24 ^h 25'37"	25 ^h 43'	14 ^h 45'	7 ^h 10'	27 ^h 17'	23 ^h 16'	5 ^h 04'	27 ^h 04'	14 ^h 25'	23 ^h 04'	0 ^h 53'	1 ^h 49'	17 ^h 16'	27 ^h 28'	T 8
W 9	23 49 17	25 ^h 24'26"	9 ^h 42'	16 ^h 11'	7 ^h 50'	27 ^h 56'	23 ^h 08'	5 ^h 04'	27 ^h 02'	14 ^h 25'	23 ^h 06'	0 ^h 44'	1 ^h 46'	17 ^h 23'	27 ^h 29'	W 9
T 10	23 53 14	26 ^h 23'16"	23 ^h 20'	17 ^h 35'	8 ^h 29'	28 ^h 35'	23 ^h 00'	5 ^h 04'	27 ^h 00'	14 ^h 25'	23 ^h 07'	0 ^h 37'	1 ^h 43'	17 ^h 29'	27 ^h 31'	T 10
F 11	23 57 10	27 ^h 22'09"	6 ^h 33'	18 ^h 59'	9 ^h 06'	29 ^h 14'	22 ^h 52'	5 ^h 04'	26 ^h 58'	14 ^h 25'	23 ^h 09'	0 ^h 32'	1 ^h 40'	17 ^h 36'	27 ^h 32'	F 11
S 12	0 1 7	28 ^h 21'04"	19 ^h 23'	20 ^h 22'	9 ^h 43'	29 ^h 54'	22 ^h 44'	5 ^h 03'	26 ^h 56'	14 ^h 24'	23 ^h 10'	0 ^h 29'	1 ^h 36'	17 ^h 43'	27 ^h 33'	S 12
S 13	0 5 4	29 ^h 20'02"	1 ^h 11'	21 ^h 43'	10 ^h 18'	0 ^h 33'	22 ^h 36'	5 ^h 03'	26 ^h 54'	14 ^h 24'	23 ^h 12'	0 ^h D28	1 ^h 33'	17 ^h 49'	27 ^h 35'	S 13
M14	0 9 0	0 ^h 19'02"	14 ^h 03'	23 ^h 04'	10 ^h 52'	1 ^h 12'	22 ^h 28'	5 ^h 02'	26 ^h 53'	14 ^h 24'	23 ^h 14'	0 ^h 29'	1 ^h 30'	17 ^h 56'	27 ^h 36'	M14
T 15	0 12 57	1 ^h 18'04"	26 ^h 02'	24 ^h 23'	11 ^h 24'	1 ^h 51'	22 ^h 20'	5 ^h 01'	26 ^h 51'	14 ^h 24'	23 ^h 15'	0 ^h R30	1 ^h 27'	18 ^h 03'	27 ^h 37'	T 15
W16	0 16 53	2 ^h 17'08"	7 ^h 54'	25 ^h 40'	11 ^h 56'	2 ^h 31'	22 ^h 12'	5 ^h 01'	26 ^h 49'	14 ^h 24'	23 ^h 17'	0 ^h 30'	1 ^h 24'	18 ^h 09'	27 ^h 38'	W16
T 17	0 20 50	3 ^h 16'15"	19 ^h 43'	26 ^h 57'	12 ^h 25'	3 ^h 10'	22 ^h 04'	5 ^h 00'	26 ^h 47'	14 ^h D24	23 ^h 19'	0 ^h 28'	1 ^h 21'	18 ^h 16'	27 ^h 39'	T 17
F 18	0 24 46	4 ^h 15'24"	1 ^h 37'	28 ^h 12'	12 ^h 53'	3 ^h 49'	21 ^h 57'	4 ^h 59'	26 ^h 45'	14 ^h 24'	23 ^h 20'	0 ^h 24'	1 ^h 17'	18 ^h 23'	27 ^h 40'	F 18
S 19	0 28 43	5 ^h 14'35"	13 ^h 37'	29 ^h 25'	13 ^h 20'	4 ^h 29'	21 ^h 49'	4 ^h 57'	26 ^h 44'	14 ^h 24'	23 ^h 22'	0 ^h 18'	1 ^h 14'	18 ^h 29'	27 ^h 40'	S 19
S 20	0 32 39	6 ^h 13'49"	25 ^h 50'	0 ^h 37'	13 ^h 45'	5 ^h 08'	21 ^h 42'	4 ^h 56'	26 ^h 42'	14 ^h 24'	23 ^h 24'	0 ^h 10'	1 ^h 11'	18 ^h 36'	27 ^h 41'	S 20
M21	0 36 36	7 ^h 13'05"	8 ^h 16'	1 ^h 47'	14 ^h 08'	5 ^h 48'	21 ^h 34'	4 ^h 55'	26 ^h 40'	14 ^h 24'	23 ^h 26'	0 ^h 01'	1 ^h 08'	18 ^h 43'	27 ^h 42'	M21
T 22	0 40 33	8 ^h 12'23"	20 ^h 58'	2 ^h 56'	14 ^h 30'	6 ^h 27'	21 ^h 27'	4 ^h 53'	26 ^h 39'	14 ^h 25'	23 ^h 27'	29 ^h 51'	1 ^h 05'	18 ^h 50'	27 ^h 42'	T 22
W23	0 44 29	9 ^h 11'43"	3 ^h 15'	4 ^h 02'	14 ^h 50'	7 ^h 07'	21 ^h 19'	4 ^h 52'	26 ^h 37'	14 ^h 25'	23 ^h 29'	29 ^h 42'	1 ^h 02'	18 ^h 56'	27 ^h 43'	W23
T 24	0 48 26	10 ^h 11'05"	17 ^h 08'	5 ^h 06'	15 ^h 07'	7 ^h 46'	21 ^h 12'	4 ^h 50'	26 ^h 36'	14 ^h 25'	23 ^h 31'	29 ^h 34'	0 ^h 58'	19 ^h 03'	27 ^h 43'	T 24
F 25	0 52 22	11 ^h 10'29"	0 ^h 34'	6 ^h 08'	15 ^h 23'	8 ^h 26'	21 ^h 05'	4 ^h 48'	26 ^h 34'	14 ^h 25'	23 ^h 33'	29 ^h 29'	0 ^h 55'	19 ^h 10'	27 ^h 43'	F 25
S 26	0 56 19	12 ^h 09'55"	14 ^h 12'	7 ^h 07'	15 ^h 37'	9 ^h 06'	20 ^h 58'	4 ^h 46'	26 ^h 33'	14 ^h 26'	23 ^h 35'	29 ^h 25'	0 ^h 52'	19 ^h 16'	27 ^h 43'	S 26
S 27	1 0 15	13 ^h 09'23"	27 ^h 58'	8 ^h 03'	15 ^h 49'	9 ^h 45'	20 ^h 51'	4 ^h 44'	26 ^h 31'	14 ^h 26'	23 ^h 37'	29 ^h D24	0 ^h 49'	19 ^h 23'	27 ^h 44'	S 27
M28	1 4 12	14 ^h 08'53"	11 ^h 53'	8 ^h 56'	15 ^h 59'	10 ^h 25'	20 ^h 45'	4 ^h 42'	26 ^h 30'	14 ^h 26'	23 ^h 39'	29 ^h 25'	0 ^h 46'	19 ^h 30'	27 ^h R44	M28
T 29	1 8 8	15 ^h 08'25"	25 ^h 54'	9 ^h 46'	16 ^h 07'	11 ^h 05'	20 ^h 38'	4 ^h 40'	26 ^h 29'	14 ^h 27'	23 ^h 41'	29 ^h 26'	0 ^h 42'	19 ^h 36'	27 ^h 43'	T 29
W30	1 12 5	16 ^h 07'59"	9 ^h 59'	10 ^h 32'	16 ^h 12'	11 ^h 44'	20 ^h 31'	4 ^h 37'	26 ^h 27'	14 ^h 27'	23 ^h 43'	29 ^h R27	0 ^h 39'	19 ^h 43'	27 ^h 43'	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	4n55	23s50	1s10	1s44	0s 3	16s 7	4s10	3n42	0n53	3s48	1s38	19n14	2s 0	13s11	0s47	22s 5	0n38	6s 1	12n56	20n33	20n39	26n 3	17n46	5s43			
W 2	4 32	25 50	2 20	2 28	0 10	16 30	4 17	3 26	0 52	3 51	1 38	19 14	2 0	13 11	0 47	22 5	0 38	6 2	12 55	20 32	20 39	26 3	17 45	5 43			
T 3	4 9	26 11	3 22	3 11	0 18	16 52	4 24	3 10	0 52	3 55	1 38	19 14	2 0	13 12	0 47	22 5	0 38	6 3	12 55	20 32	20 38	26 3	17 45	5 44			
F 4	3 46	24 47	4 12	3 54	0 25	17 14	4 30	2 55	0 52	3 58	1 38	19 14	2 0	13 13	0 47	22 5	0 38	6 4	12 54	20 31	20 38	26 3	17 44	5 45			
S 5	3 23	21 43	4 46	4 37	0 33	17 36	4 37	2 39	0 51	4 1	1 38	19 14	2 0	13 13	0 47	22 6	0 38	6 4	12 54	20 30	20 37	26 2	17 44	5 45			
S 6	3 0	17 17	5 1	5 19	0 41	17 57	4 44	2 23	0 51	4 4	1 38	19 14	2 0	13 14	0 47	22 6	0 38	6 5	12 53	20 28	20 36	26 2	17 43	5 46			
M 7	2 37	11 53	4 57	6 0	0 48	18 17	4 51	2 7	0 51	4 8	1 38	19 14	2 1	13 15	0 47	22 6	0 38	6 6	12 53	20 26	20 36	26 2	17 43	5 46			
T 8	2 13	5 55	4 35	6 41	0 56	18 37	4 57	1 51	0 50	4 11	1 38	19 13	2 1	13 16	0 47	22 6	0 38	6 7	12 52	20 24	20 35	26 2	17 42	5 47			
W 9	1 50	0n14	3 56	7 21	1 3	18 57	5 4	1 35	0 50	4 14	1 38	19 13	2 1	13 16	0 47	22 6	0 38	6 8	12 52	20 22	20 34	26 1	17 42	5 47			
T 10	1 26	6 14	3 4	8 1	1 11	19 16	5 10	1 19	0 49	4 17	1 38	19 13	2 1	13 17	0 47	22 6	0 38	6 8	12 52	20 20	20 34	26 1	17 41	5 48			
F 11	1 3	11 47	2 4	8 40	1 18	19 34	5 17	1 3	0 49	4 20	1 38	19 13	2 1	13 18	0 47	22 6	0 38	6 9	12 51	20 19	20 33	26 1	17 40	5 49			
S 12	0 39	16 41	0 59	9 18	1 26	19 52	5 23	0 47	0 49	4 23	1 38	19 13	2 1	13 18	0 47	22 6	0 38	6 10	12 51	20 19	20 32	26 1	17 40	5 49			
S 13	0 16	20 43	0n 7	9 56	1 33	20 9	5 29	0 31	0 48	4 27	1 38	19 12	2 2	13 19	0 47	22 6	0 38	6 11	12 50	20 18	20 32	26 0	17 39	5 50			
M14	0s 8	23 44	1 12	10 32	1 40	20 26	5 36	0 15	0 48	4 30	1 38	19 12	2 2	13 19	0 47	22 6	0 38	6 11	12 50	20 18	20 31	26 0	17 39	5 50			
T 15	0 31	25 39	2 12	11 9	1 48	20 42	5 42	0s 1	0 47	4 33	1 38	19 12	2 2	13 20	0 47	22 6	0 38	6 12	12 49	20 19	20 30	26 0	17 38	5 51			
W16	0 55	26 22	3 6	11 44	1 55	20 57	5 48	0 17	0 47	4 36	1 38	19 12	2 2	13 21	0 47	22 6	0 38	6 13	12 49	20 19	20 30	25 59	17 38	5 51			
T 17	1 18	25 53	3 52	12 18	2 2	21 12	5 53	0 33	0 47	4 39	1 38	19 11	2 2	13 21	0 47	22 6	0 38	6 14	12 49	20 18	20 29	25 59	17 37	5 52			
F 18	1 42	24 13	4 28	12 52	2 8	21 26	5 59	0 49	0 46	4 42	1 38	19 11	2 2	13 22	0 47	22 6	0 38	6 15	12 48	20 18	20 29	25 59	17 37	5 53			
S 19	2 5	21 27	4 53	13 24	2 15	21 40	6 4	1 5	0 46	4 45	1 38	19 11	2 2	13 22	0 47	22 6	0 38	6 15	12 48	20 16	20 28	25 58	17 36	5 53			
S 20	2 29	17 43	5 5	13 56	2 21	21 53	6 10	1 21	0 45	4 48	1 38	19 10	2 3	13 23	0 47	22 6	0 37	6 16	12 47	20 15	20 27	25 58	17 35	5 54			
M21	2 52	13 10	5 3	14 26	2 28	22 5	6 15	1 37	0 45	4 51	1 37	19 10	2 3	13 23	0 47	22 6	0 37	6 17	12 47	20 13	20 27	25 58	17 35	5 54			
T 22	3 16	7 58	4 46	14 55	2 33	22 16	6 20	1 53	0 45	4 53	1 37	19 9	2 3	13 24	0 47	22 6	0 37	6 18	12 47	20 11	20 26	25 57	17 34	5 55			
W23	3 39	2 19	4 14	15 23	2 39	22 26	6 24	2 9	0 44	4 56	1 37	19 9	2 3	13 25	0 47	22 6	0 37	6 19	12 46	20 9	20 25	25 57	17 34	5 56			
T 24	4 3	3s33	3 27	15 50	2 44	22 36	6 29	2 25	0 44	4 59	1 37	19 9	2 3	13 25	0 47	22 6	0 37	6 19	12 46	20 7	20 25	25 57	17 33	5 56			
F 25	4 26	9 22	2 29	16 16	2 49	22 45	6 33	2 41	0 43	5 2	1 37	19 8	2 3	13 26	0 47	22 6	0 37	6 20	12 46	20 6	20 24	25 56	17 32	5 57			
S 26	4 49	14 51	1 21	16 40	2 54	22 53	6 37	2 57	0 43	5 4	1 37	19 8	2 3	13 26	0 47	22 6	0 37	6 21	12 45	20 5	20 23	25 56	17 32	5 57			
S 27	5 13	19 38	0 8	17 2	2 58	23 0	6 40	3 13	0 43	5 7	1 37	19 7	2 3	13 26	0 47	22 6	0 37	6 22	12 45	20 5	20 23	25 55	17 31	5 58			
M28	5 36	23 23	1s 7	17 23	3 2	23 6	6 44	3 29	0 42	5 10	1 37	19 7	2 4	13 27	0 47	22 6	0 37	6 22	12 45	20 5	20 22	25 55	17 31	5 59			
T 29	5 59	25 45	2 18	17 42	3 5	23 11	6 46	3 45	0 42	5 12	1 37	19 6	2 4	13 27	0 47	22 6	0 37	6 23	12 44	20 5	20 21	25 55	17 30	5 59			
W30	6s22	26s29	3s22	17s59	3s 8	23s15	6s49	4s 1	0n41	5s15	1s36	19n 6	2s 4	13s28	0s47	22s 6	0n37	6s24	12n44	20n 5	20n21	25n54	17n30	6s 0			

ASTRODIENST EPHEMERIS for the year 1500
geocentric

OCTOBER 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	1 16 2	17♌ 7'34	24♋ 9	11♌14	16♌15	12♌24	20°R25	4°R35	26°R26	14♋27	23♌45	29°R27	0♐36	19♓50	27°R43	T 1
F 2	1 19 58	18° 7'11	8♋20	11°51	16°R16	13° 4	20♋19	4♐32	26♋25	14°28	23°47	29♋25	0°33	19°56	27♐43	F 2
S 3	1 23 55	19° 6'50	22°32	12°23	16°14	13°44	20°13	4°30	26°24	14°29	23°49	29°22	0°30	20° 3	27°42	S 3
S 4	1 27 51	20° 6'30	6♋41	12°50	16°10	14°24	20° 7	4°27	26°22	14°29	23°51	29°17	0°27	20°10	27°42	S 4
M 5	1 31 48	21° 6'12	20°42	13°11	16° 3	15° 4	20° 1	4°24	26°21	14°30	23°53	29°11	0°23	20°16	27°41	M 5
T 6	1 35 44	22° 5'56	4♋33	13°25	15°54	15°44	19°55	4°21	26°20	14°30	23°55	29° 4	0°20	20°23	27°41	T 6
W 7	1 39 41	23° 5'42	18°10	13°R32	15°43	16°24	19°50	4°18	26°19	14°31	23°57	28°59	0°17	20°30	27°40	W 7
T 8	1 43 37	24° 5'30	1♋30	13°31	15°29	17° 4	19°44	4°15	26°18	14°32	23°59	28°55	0°14	20°37	27°39	T 8
F 9	1 47 34	25° 5'20	14°32	13°22	15°13	17°44	19°39	4°12	26°17	14°32	24° 1	28°52	0°11	20°43	27°38	F 9
S 10	1 51 31	26° 5'12	27°14	13° 4	14°54	18°24	19°34	4° 9	26°17	14°33	24° 3	28°D51	0° 8	20°50	27°37	S 10
S 11	1 55 27	27° 5'06	9♐40	12°37	14°33	19° 4	19°29	4° 5	26°16	14°34	24° 6	28°51	0° 4	20°57	27°36	S 11
M12	1 59 24	28° 5'03	21°51	12° 1	14°10	19°44	19°25	4° 2	26°15	14°35	24° 8	28°53	0° 1	21° 3	27°35	M12
T 13	2 3 20	29° 5'01	3♋50	11°15	13°45	20°25	19°20	3°59	26°14	14°36	24°10	28°55	29♋58	21°10	27°33	T 13
W14	2 7 17	0♌ 5'02	15°43	10°21	13°18	21° 5	19°16	3°55	26°14	14°36	24°12	28°56	29°55	21°17	27°32	W14
T 15	2 11 13	1° 5'04	27°33	9°19	12°49	21°45	19°12	3°51	26°13	14°37	24°14	28°R57	29°52	21°23	27°31	T 15
F 16	2 15 10	2° 5'09	9♏27	8°10	12°19	22°25	19° 8	3°48	26°12	14°38	24°17	28°57	29°48	21°30	27°29	F 16
S 17	2 19 6	3° 5'16	21°28	6°55	11°47	23° 6	19° 4	3°44	26°12	14°39	24°19	28°56	29°45	21°37	27°28	S 17
S 18	2 23 3	4° 5'25	3♐42	5°37	11°14	23°46	19° 1	3°40	26°11	14°40	24°21	28°53	29°42	21°43	27°26	S 18
M19	2 27 0	5° 5'36	16°12	4°19	10°39	24°27	18°57	3°36	26°11	14°41	24°23	28°50	29°39	21°50	27°24	M19
T 20	2 30 56	6° 5'50	29° 1	3° 2	10° 4	25° 7	18°54	3°32	26°11	14°42	24°26	28°46	29°36	21°57	27°22	T 20
W21	2 34 53	7° 6'05	12♌10	1°49	9°28	25°48	18°51	3°28	26°10	14°44	24°28	28°42	29°33	22° 4	27°21	W21
T 22	2 38 49	8° 6'22	25°39	0°42	8°52	26°28	18°48	3°23	26°10	14°45	24°30	28°40	29°29	22°10	27°19	T 22
F 23	2 42 46	9° 6'41	9♌27	29♌44	8°15	27° 9	18°46	3°19	26°10	14°46	24°33	28°38	29°26	22°17	27°17	F 23
S 24	2 46 42	10° 7'01	23°31	28°56	7°39	27°49	18°43	3°15	26°10	14°47	24°35	28°D37	29°23	22°24	27°15	S 24
S 25	2 50 39	11° 7'24	7♌46	28°18	7° 3	28°30	18°41	3°11	26°10	14°48	24°37	28°37	29°20	22°30	27°12	S 25
M26	2 54 35	12° 7'48	22° 8	27°52	6°28	29°11	18°39	3° 6	26°10	14°49	24°40	28°38	29°17	22°37	27°10	M26
T 27	2 58 32	13° 8'13	6♋32	27°38	5°53	29°51	18°37	3° 2	26°D10	14°51	24°42	28°39	29°13	22°44	27° 8	T 27
W28	3 2 29	14° 8'40	20°54	27°D35	5°20	0♌32	18°36	2°57	26°10	14°52	24°44	28°40	29°10	22°50	27° 5	W28
T 29	3 6 25	15° 9'08	5♌10	27°44	4°47	1°13	18°34	2°53	26°10	14°53	24°47	28°41	29° 7	22°57	27° 3	T 29
F 30	3 10 22	16° 9'38	19°19	28° 2	4°17	1°54	18°33	2°48	26°10	14°55	24°49	28°R41	29° 4	23° 4	27° 0	F 30
S 31	3 14 18	17♌10'08	3♋18	28♌31	3♌47	2♌35	18♋32	2♐43	26♌10	14♋56	24♌51	28♋41	29♋ 1	23♋11	26♐58	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s45	25s30	4s13	18s15	3s10	23s17	6s51	4s17	0n41	5s17	1s36	19n 5	2s 4	13s28	0s47	22s 6	0n37	6s25	12n44	20n 5	20n20	25n54	17n29	6s 0
F 2	7 8	22 53	4 49	18 27	3 11	23 19	6 52	4 33	0 40	5 19	1 36	19 5	2 4	13 29	0 47	22 6	0 37	6 26	12 43	20 5	20 19	25 53	17 28	6 1
S 3	7 30	18 53	5 8	18 38	3 11	23 20	6 54	4 49	0 40	5 22	1 36	19 4	2 4	13 29	0 46	22 6	0 37	6 26	12 43	20 4	20 19	25 53	17 28	6 1
S 4	7 53	13 50	5 7	18 46	3 11	23 19	6 54	5 5	0 39	5 24	1 36	19 3	2 4	13 29	0 46	22 6	0 37	6 27	12 43	20 3	20 18	25 52	17 27	6 2
M 5	8 15	8 7	4 48	18 51	3 10	23 17	6 54	5 21	0 39	5 26	1 36	19 3	2 4	13 30	0 46	22 6	0 37	6 28	12 42	20 2	20 17	25 52	17 27	6 3
T 6	8 38	2 3	4 13	18 53	3 7	23 14	6 54	5 37	0 39	5 28	1 35	19 2	2 4	13 30	0 46	22 6	0 37	6 29	12 42	20 0	20 17	25 51	17 26	6 3
W 7	9 0	4n 1	3 23	18 51	3 3	23 9	6 52	5 53	0 38	5 30	1 35	19 1	2 4	13 30	0 46	22 6	0 37	6 29	12 42	19 59	20 16	25 51	17 25	6 4
T 8	9 22	9 47	2 24	18 46	2 58	23 3	6 51	6 9	0 38	5 32	1 35	19 1	2 5	13 31	0 46	22 6	0 37	6 30	12 41	19 58	20 15	25 50	17 25	6 4
F 9	9 44	15 1	1 17	18 37	2 52	22 56	6 48	6 24	0 37	5 34	1 35	19 0	2 5	13 31	0 46	22 6	0 37	6 31	12 41	19 58	20 15	25 50	17 24	6 5
S 10	10 6	19 27	0 9	18 24	2 44	22 48	6 45	6 40	0 37	5 36	1 35	18 59	2 5	13 31	0 46	22 6	0 37	6 32	12 41	19 57	20 14	25 49	17 24	6 5
S 11	10 28	22 56	0n59	18 6	2 34	22 38	6 41	6 56	0 36	5 37	1 35	18 59	2 5	13 31	0 46	22 6	0 37	6 32	12 41	19 58	20 13	25 49	17 23	6 6
M12	10 49	25 18	2 3	17 44	2 22	22 26	6 37	7 11	0 36	5 39	1 34	18 58	2 5	13 32	0 46	22 6	0 37	6 33	12 40	19 58	20 13	25 48	17 22	6 7
T 13	11 11	26 27	3 0	17 18	2 9	22 13	6 31	7 27	0 35	5 40	1 34	18 57	2 5	13 32	0 46	22 6	0 37	6 34	12 40	19 58	20 12	25 48	17 22	6 7
W14	11 32	26 22	3 49	16 46	1 54	21 59	6 25	7 43	0 35	5 42	1 34	18 57	2 5	13 32	0 46	22 6	0 37	6 35	12 40	19 59	20 11	25 47	17 21	6 8
T 15	11 53	25 5	4 28	16 11	1 38	21 44	6 18	7 58	0 34	5 43	1 34	18 56	2 5	13 32	0 46	22 6	0 37	6 35	12 40	19 59	20 11	25 47	17 21	6 8
F 16	12 14	22 41	4 56	15 31	1 20	21 27	6 11	8 14	0 34	5 45	1 33	18 55	2 5	13 32	0 46	22 5	0 37	6 36	12 39	19 59	20 10	25 46	17 20	6 9
S 17	12 35	19 17	5 11	14 49	1 0	21 9	6 2	8 29	0 33	5 46	1 33	18 54	2 5	13 32	0 46	22 5	0 37	6 37	12 39	19 58	20 9	25 46	17 20	6 9
S 18	12 55	15 2	5 13	14 4	0 40	20 49	5 53	8 44	0 33	5 47	1 33	18 54	2 5	13 33	0 46	22 5	0 37	6 38	12 39	19 58	20 9	25 45	17 19	6 10
M19	13 15	10 4	5 0	13 18	0 19	20 29	5 43	9 0	0 32	5 48	1 33	18 53	2 5	13 33	0 46	22 5	0 37	6 38	12 39	19 57	20 8	25 45	17 18	6 10
T 20	13 35	4 33	4 32	12 32	0n 1	20 7	5 32	9 15	0 32	5 49	1 33	18 52	2 5	13 33	0 46	22 5	0 37	6 39	12 39	19 56	20 7	25 44	17 18	6 11
W21	13 55	1s19	3 49	11 48	0 22	19 45	5 21	9 30	0 31	5 50	1 32	18 51	2 5	13 33	0 46	22 5	0 37	6 40	12 38	19 56	20 7	25 44	17 17	6 11
T 22	14 15	7 17	2 52	11 7	0 41	19 22	5 9	9 46	0 31	5 51	1 32	18 50	2 5	13 33	0 46	22 5	0 36	6 41	12 38	19 55	20 6	25 43	17 17	6 12
F 23	14 34	13 3	1 44	10 29	0 59	18 58	4 56	10 1	0 30	5 52	1 32	18 49	2 5	13 33	0 46	22 5	0 36	6 41	12 38	19 55	20 5	25 42	17 16	6 12
S 24	14 53	18 15	0 28	9 57	1 16	18 34	4 43	10 16	0 30	5 53	1 32	18 49	2 6	13 33	0 46	22 5	0 36	6 42	12 38	19 54	20 4	25 42	17 16	6 13
S 25	15 12	22 30	0s50	9 30	1 30	18 9	4 30	10 31	0 29	5 53	1 31	18 48	2 6	13 33	0 46	22 5	0 36	6 43	12 38	19 54	20 4	25 41	17 15	6 14
M26	15 31	25 22	2 6	9 8	1 43	17 44	4 16	10 46	0 29	5 54	1 31	18 47	2 6	13 33	0 46	22 5	0 36	6 43	12 37	19 55	20 3	25 41	17 15	6 14
T 27	15 50	26 35	3 15	8 53	1 54	17 18	4 1	11 1	0 28	5 54	1 31	18 46	2 6	13 33	0 46	22 4	0 36	6 44	12 37	19 55	20 2	25 40	17 14	6 14
W28	16 8	26 0	4 10	8 44	2 3	16 53	3 46	11 15	0 28	5 55	1 31	18 45	2 6	13 33	0 46	22 4	0 36	6 45	12 37	19 55	20 2	25 39	17 14	6 15
T 29	16 26	23 43	4 50	8 40	2 16	16 28	3 31	11 30	0 27	5 55	1 30	18 44	2 6	13 33	0 46	22 4	0 36	6 45	12 37	19 55	20 1	25 39	17 13	6 15
F 30	16 43	20 4	5 12	8 41	2 11	16 3	3 16	11 45	0 27	5 55	1 30	18 43	2 6	13 33	0 46	22 4	0 36	6 46	12 37	19 55	20 0	25 38	17 12	6 16
S 31	17s 0	15s13	5s15	8s48	2n20	15s38	3s 0	11s59	0n26	5s55	1s30	18n43	2s 6	13s33	0s46	22s 4	0n36	6s47	12n37	19n55	20n 0	25n37	17n12	6s16

ASTRODIENST EPHEMERIS for the year 1500

geocentric

NOVEMBER 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 18 15	18 ¹¹ 10'40	17 ¹¹ 6	29 ¹¹ 7	3 ¹¹ 20	3 ¹¹ 15	18 ¹¹ 31	2 ¹¹ 39	26 ¹¹ 10	14 ¹¹ 58	24 ¹¹ 54	28 ¹¹ 40	28 ¹¹ 58	23 ¹¹ 17	26 ¹¹ 55	S 1
M 2	3 22 11	19 ¹¹ 11'13	0 ¹¹ 42	29 ¹¹ 52	2 ¹¹ 55	3 ¹¹ 56	18 ¹¹ 31	2 ¹¹ 34	26 ¹¹ 10	14 ¹¹ 59	24 ¹¹ 56	28 ¹¹ 38	28 ¹¹ 54	23 ¹¹ 24	26 ¹¹ 52	M 2
T 3	3 26 8	20 ¹¹ 11'48	14 ¹¹ 6	0 ¹¹ 43	2 ¹¹ 31	4 ¹¹ 37	18 ¹¹ 30	2 ¹¹ 29	26 ¹¹ 11	15 ¹¹ 1	24 ¹¹ 58	28 ¹¹ 37	28 ¹¹ 51	23 ¹¹ 31	26 ¹¹ 50	T 3
W 4	3 30 4	21 ¹¹ 12'24	27 ¹¹ 16	1 ¹¹ 40	2 ¹¹ 10	5 ¹¹ 18	18 ¹¹ D30	2 ¹¹ 25	26 ¹¹ 11	15 ¹¹ 2	25 ¹¹ 1	28 ¹¹ 36	28 ¹¹ 48	23 ¹¹ 37	26 ¹¹ 47	W 4
T 5	3 34 1	22 ¹¹ 13'01	10 ¹¹ 13	2 ¹¹ 42	1 ¹¹ 51	5 ¹¹ 59	18 ¹¹ 30	2 ¹¹ 20	26 ¹¹ 12	15 ¹¹ 4	25 ¹¹ 3	28 ¹¹ 36	28 ¹¹ 45	23 ¹¹ 44	26 ¹¹ 44	T 5
F 6	3 37 58	23 ¹¹ 13'39	22 ¹¹ 55	3 ¹¹ 49	1 ¹¹ 35	6 ¹¹ 41	18 ¹¹ 31	2 ¹¹ 15	26 ¹¹ 12	15 ¹¹ 5	25 ¹¹ 6	28 ¹¹ D35	28 ¹¹ 42	23 ¹¹ 51	26 ¹¹ 41	F 6
S 7	3 41 54	24 ¹¹ 14'19	5 ¹¹ 25	5 ¹¹ 0	1 ¹¹ 21	7 ¹¹ 22	18 ¹¹ 31	2 ¹¹ 10	26 ¹¹ 13	15 ¹¹ 7	25 ¹¹ 8	28 ¹¹ 35	28 ¹¹ 39	23 ¹¹ 57	26 ¹¹ 38	S 7
S 8	3 45 51	25 ¹¹ 15'01	17 ¹¹ 42	6 ¹¹ 14	1 ¹¹ 9	8 ¹¹ 3	18 ¹¹ 32	2 ¹¹ 5	26 ¹¹ 13	15 ¹¹ 8	25 ¹¹ 10	28 ¹¹ 35	28 ¹¹ 35	24 ¹¹ 4	26 ¹¹ 35	S 8
M 9	3 49 47	26 ¹¹ 15'44	29 ¹¹ 48	7 ¹¹ 32	1 ¹¹ 0	8 ¹¹ 44	18 ¹¹ 33	2 ¹¹ 0	26 ¹¹ 14	15 ¹¹ 10	25 ¹¹ 13	28 ¹¹ 36	28 ¹¹ 32	24 ¹¹ 11	26 ¹¹ 32	M 9
T 10	3 53 44	27 ¹¹ 16'28	11 ¹¹ 34	8 ¹¹ 51	0 ¹¹ 54	9 ¹¹ 25	18 ¹¹ 34	1 ¹¹ 55	26 ¹¹ 15	15 ¹¹ 12	25 ¹¹ 15	28 ¹¹ 36	28 ¹¹ 29	24 ¹¹ 18	26 ¹¹ 28	T 10
W 11	3 57 40	28 ¹¹ 17'14	23 ¹¹ 39	10 ¹¹ 13	0 ¹¹ 50	10 ¹¹ 6	18 ¹¹ 35	1 ¹¹ 50	26 ¹¹ 15	15 ¹¹ 13	25 ¹¹ 17	28 ¹¹ R36	28 ¹¹ 26	24 ¹¹ 24	26 ¹¹ 25	W 11
T 12	4 1 37	29 ¹¹ 18'02	5 ¹¹ 29	11 ¹¹ 36	0 ¹¹ D48	10 ¹¹ 48	18 ¹¹ 37	1 ¹¹ 46	26 ¹¹ 16	15 ¹¹ 15	25 ¹¹ 20	28 ¹¹ 36	28 ¹¹ 23	24 ¹¹ 31	26 ¹¹ 22	T 12
F 13	4 5 33	0 ¹¹ 18'51	17 ¹¹ 22	13 ¹¹ 1	0 ¹¹ 49	11 ¹¹ 29	18 ¹¹ 38	1 ¹¹ 41	26 ¹¹ 17	15 ¹¹ 17	25 ¹¹ 22	28 ¹¹ 36	28 ¹¹ 19	24 ¹¹ 38	26 ¹¹ 18	F 13
S 14	4 9 30	1 ¹¹ 19'41	29 ¹¹ 21	14 ¹¹ 27	0 ¹¹ 52	12 ¹¹ 11	18 ¹¹ 40	1 ¹¹ 36	26 ¹¹ 18	15 ¹¹ 18	25 ¹¹ 25	28 ¹¹ D36	28 ¹¹ 16	24 ¹¹ 44	26 ¹¹ 15	S 14
S 15	4 13 27	2 ¹¹ 20'33	11 ¹¹ 32	15 ¹¹ 55	0 ¹¹ 58	12 ¹¹ 52	18 ¹¹ 42	1 ¹¹ 31	26 ¹¹ 19	15 ¹¹ 20	25 ¹¹ 27	28 ¹¹ 36	28 ¹¹ 13	24 ¹¹ 51	26 ¹¹ 12	S 15
M 16	4 17 23	3 ¹¹ 21'26	23 ¹¹ 59	17 ¹¹ 23	1 ¹¹ 6	13 ¹¹ 33	18 ¹¹ 45	1 ¹¹ 26	26 ¹¹ 20	15 ¹¹ 22	25 ¹¹ 29	28 ¹¹ 36	28 ¹¹ 10	24 ¹¹ 58	26 ¹¹ 8	M 16
T 17	4 21 20	4 ¹¹ 22'20	6 ¹¹ 46	18 ¹¹ 52	1 ¹¹ 17	14 ¹¹ 15	18 ¹¹ 47	1 ¹¹ 21	26 ¹¹ 21	15 ¹¹ 24	25 ¹¹ 32	28 ¹¹ 37	28 ¹¹ 7	25 ¹¹ 4	26 ¹¹ 5	T 17
W 18	4 25 16	5 ¹¹ 23'16	19 ¹¹ 56	20 ¹¹ 21	1 ¹¹ 29	14 ¹¹ 56	18 ¹¹ 50	1 ¹¹ 16	26 ¹¹ 22	15 ¹¹ 26	25 ¹¹ 34	28 ¹¹ 37	28 ¹¹ 4	25 ¹¹ 11	26 ¹¹ 1	W 18
T 19	4 29 13	6 ¹¹ 24'13	3 ¹¹ 31	21 ¹¹ 51	1 ¹¹ 44	15 ¹¹ 38	18 ¹¹ 53	1 ¹¹ 11	26 ¹¹ 23	15 ¹¹ 27	25 ¹¹ 36	28 ¹¹ 38	28 ¹¹ 0	25 ¹¹ 18	25 ¹¹ 57	T 19
F 20	4 33 9	7 ¹¹ 25'11	17 ¹¹ 31	23 ¹¹ 22	2 ¹¹ 1	16 ¹¹ 20	18 ¹¹ 56	1 ¹¹ 6	26 ¹¹ 24	15 ¹¹ 29	25 ¹¹ 39	28 ¹¹ 39	27 ¹¹ 57	25 ¹¹ 25	25 ¹¹ 54	F 20
S 21	4 37 6	8 ¹¹ 26'11	1 ¹¹ 53	24 ¹¹ 53	2 ¹¹ 19	17 ¹¹ 1	18 ¹¹ 59	1 ¹¹ 1	26 ¹¹ 26	15 ¹¹ 31	25 ¹¹ 41	28 ¹¹ R39	27 ¹¹ 54	25 ¹¹ 31	25 ¹¹ 50	S 21
S 22	4 41 2	9 ¹¹ 27'11	16 ¹¹ 32	26 ¹¹ 24	2 ¹¹ 40	17 ¹¹ 43	19 ¹¹ 3	0 ¹¹ 56	26 ¹¹ 27	15 ¹¹ 33	25 ¹¹ 43	28 ¹¹ 38	27 ¹¹ 51	25 ¹¹ 38	25 ¹¹ 46	S 22
M 23	4 44 59	10 ¹¹ 28'13	1 ¹¹ 32	27 ¹¹ 56	3 ¹¹ 3	18 ¹¹ 25	19 ¹¹ 7	0 ¹¹ 51	26 ¹¹ 28	15 ¹¹ 35	25 ¹¹ 46	28 ¹¹ 37	27 ¹¹ 48	25 ¹¹ 45	25 ¹¹ 43	M 23
T 24	4 48 56	11 ¹¹ 29'15	16 ¹¹ 15	29 ¹¹ 27	3 ¹¹ 27	19 ¹¹ 7	19 ¹¹ 11	0 ¹¹ 47	26 ¹¹ 30	15 ¹¹ 37	25 ¹¹ 48	28 ¹¹ 36	27 ¹¹ 45	25 ¹¹ 51	25 ¹¹ 39	T 24
W 25	4 52 52	12 ¹¹ 30'18	1 ¹¹ 3	0 ¹¹ 59	3 ¹¹ 53	19 ¹¹ 48	19 ¹¹ 15	0 ¹¹ 42	26 ¹¹ 31	15 ¹¹ 39	25 ¹¹ 50	28 ¹¹ 34	27 ¹¹ 41	25 ¹¹ 58	25 ¹¹ 35	W 25
T 26	4 56 49	13 ¹¹ 31'21	15 ¹¹ 39	2 ¹¹ 32	4 ¹¹ 21	20 ¹¹ 30	19 ¹¹ 19	0 ¹¹ 37	26 ¹¹ 33	15 ¹¹ 41	25 ¹¹ 53	28 ¹¹ 32	27 ¹¹ 38	26 ¹¹ 5	25 ¹¹ 31	T 26
F 27	5 0 45	14 ¹¹ 32'25	29 ¹¹ 58	4 ¹¹ 4	4 ¹¹ 51	21 ¹¹ 12	19 ¹¹ 24	0 ¹¹ 32	26 ¹¹ 34	15 ¹¹ 43	25 ¹¹ 55	28 ¹¹ 31	27 ¹¹ 35	26 ¹¹ 11	25 ¹¹ 27	F 27
S 28	5 4 42	15 ¹¹ 33'29	13 ¹¹ 59	5 ¹¹ 36	5 ¹¹ 22	21 ¹¹ 54	19 ¹¹ 28	0 ¹¹ 28	26 ¹¹ 36	15 ¹¹ 45	25 ¹¹ 57	28 ¹¹ D31	27 ¹¹ 32	26 ¹¹ 18	25 ¹¹ 23	S 28
S 29	5 8 38	16 ¹¹ 34'34	27 ¹¹ 39	7 ¹¹ 9	5 ¹¹ 55	22 ¹¹ 36	19 ¹¹ 33	0 ¹¹ 23	26 ¹¹ 37	15 ¹¹ 47	26 ¹¹ 0	28 ¹¹ 31	27 ¹¹ 29	26 ¹¹ 25	25 ¹¹ 19	S 29
M 30	5 12 35	17 ¹¹ 35'38	11 ¹¹ 0	8 ¹¹ 42	6 ¹¹ 29	23 ¹¹ 18	19 ¹¹ 38	0 ¹¹ 18	26 ¹¹ 39	15 ¹¹ 49	26 ¹¹ 2	28 ¹¹ D32	27 ¹¹ 25	26 ¹¹ 32	25 ¹¹ 16	M 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s17	9s43	5s 0	8s58	2n22	15s15	2s45	12s14	0n26	5s55	1s30	18n42	2s 6	13s33	0s45	22s 4	0n36	6s47	12n37	19n55	19n59	25n37	17n11	6s17			
M 2	17 34	3 49	4 28	9 13	2 24	14 51	2 29	12 28	0 25	5 55	1 29	18 41	2 6	13 32	0 45	22 4	0 36	6 48	12 36	19 55	19 58	25 36	17 11	6 17			
T 3	17 51	2n10	3 42	9 31	2 24	14 29	2 14	12 43	0 25	5 55	1 29	18 40	2 6	13 32	0 45	22 4	0 36	6 49	12 36	19 54	19 58	25 35	17 10	6 18			
W 4	18 7	7 58	2 45	9 52	2 22	14 7	1 59	12 57	0 24	5 55	1 29	18 39	2 6	13 32	0 45	22 3	0 36	6 49	12 36	19 54	19 57	25 35	17 10	6 18			
T 5	18 22	13 20	1 40	10 15	2 20	13 46	1 44	13 11	0 24	5 55	1 28	18 38	2 5	13 32	0 45	22 3	0 36	6 50	12 36	19 54	19 56	25 34	17 9	6 19			
F 6	18 38	18 3	0 31	10 40	2 18	13 26	1 29	13 25	0 23	5 55	1 28	18 37	2 5	13 32	0 45	22 3	0 36	6 51	12 36	19 54	19 55	25 33	17 9	6 19			
S 7	18 53	21 53	0n38	11 7	2 14	13 8	1 14	13 39	0 23	5 54	1 28	18 36	2 5	13 31	0 45	22 3	0 36	6 51	12 36	19 54	19 55	25 33	17 8	6 19			
S 8	19 8	24 40	1 44	11 36	2 10	12 50	0 59	13 53	0 22	5 54	1 28	18 35	2 5	13 31	0 45	22 3	0 36	6 52	12 36	19 54	19 54	25 32	17 8	6 20			
M 9	19 22	26 15	2 45	12 5	2 5	12 34	0 45	14 7	0 22	5 53	1 27	18 34	2 5	13 31	0 45	22 3	0 36	6 52	12 36	19 54	19 53	25 31	17 7	6 20			
T 10	19 36	26 35	3 37	12 36	2 0	12 18	0 31	14 20	0 21	5 52	1 27	18 33	2 5	13 31	0 45	22 3	0 36	6 53	12 36	19 54	19 53	25 30	17 7	6 21			
W 11	19 50	25 42	4 20	13 7	1 54	12 4	0 18	14 34	0 20	5 52	1 27	18 33	2 5	13 30	0 45	22 2	0 36	6 54	12 36	19 54	19 52	25 30	17 7	6 21			
T 12	20 3	23 40	4 52	13 38	1 49	11 51	0 5	14 47	0 20	5 51	1 27	18 32	2 5	13 30	0 45	22 2	0 36	6 54	12 36	19 54	19 51	25 29	17 6	6 21			
F 13	20 16	20 36	5 11	14 10	1 42	11 40	0n 8	15 1	0 19	5 50	1 26	18 31	2 5	13 30	0 45	22 2	0 36	6 55	12 36	19 54	19 51	25 28	17 6	6 22			
S 14	20 29	16 41	5 17	14 42	1 36	11 29	0 20	15 14	0 19	5 49	1 26	18 30	2 5	13 29	0 45	22 2	0 36	6 55	12 36	19 54	19 50	25 28	17 5	6 22			
S 15	20 41	12 1	5 9	15 13	1 29	11 20	0 32	15 27	0 18	5 48	1 26	18 29	2 5	13 29	0 45	22 2	0 36	6 56	12 36	19 54	19 49	25 27	17 5	6 22			
M 16	20 53	6 47	4 47	15 45	1 22	11 12	0 44	15 40	0 18	5 46	1 26	18 28	2 5	13 29	0 45	22 1	0 36	6 56	12 36	19 54	19 48	25 26	17 4	6 23			
T 17	21 5	1 8	4 10	16 16	1 15	11 6	0 55	15 53	0 17	5 45	1 25	18 27	2 5	13 28	0 45	22 1	0 36	6 57	12 36	19 54	19 48	25 25	17 4	6 23			
W 18	21 16	4s45	3 19	16 47	1 8	11 0	1 6	16 6	0 16	5 44	1 25	18 26	2 5	13 28	0 45	22 1	0 36	6 57	12 36	19 54	19 47	25 24	17 4	6 23			
T 19	21 26	10 36	2 15	17 18	1 1	10 55	1 16	16 19	0 16	5 43	1 25	18 25	2 5	13 27	0 45	22 1	0 36	6 58	12 36	19 55	19 46	25 24	17 3	6 24			
F 20	21 36	16 7	1 1	17 48	0 54	10 52	1 26	16 31	0 15	5 41	1 24	18 24	2 4	13 27	0 45	22 1	0 36	6 58	12 36	19 55	19 46	25 23	17 3	6 24			
S 21	21 46	20 53	0s18	18 17	0 47	10 49	1 35	16 44	0 15	5 39	1 24	18 23	2 4	13 27	0 45	22 1	0 36	6 59	12 36	19 55	19 45	25 22	17 2	6 24			
S 22	21 56	24 26	1 38	18 46	0 40	10 48	1 44	16 56	0 14	5 38	1 24	18 23	2 4	13 26	0 45	22 0	0 36	6 59	12 36	19 55	19 44	25 21	17 2	6 25			
M 23	22 5	26 21	2 51	19 13	0 33	10 48	1 53	17 8	0 14	5 36	1 24	18 22	2 4	13 26	0 45	22 0	0 36	7 0	12 36	19 54	19 43	25 20	17 2	6 25			
T 24	22 13	26 23	3 54	19 41	0 25	10 48	2 1	17 20	0 13	5 34	1 23	18 21	2 4	13 25	0 45	22 0	0 36	7 0	12 36	19 54	19 43	25 20	17 1	6 25			
W 25	22 21	24 32	4 41	20 7	0 18	10 50	2 9	17 32	0 12	5 32	1 23	18 20	2 4	13 25	0 45	22 0	0 36	7 1	12 36	19 54	19 42	25 19	17 1	6 25			
T 26	22 29	21 5	5 8	20 33	0 11	10 52	2 16	17 44	0 12	5 31	1 23	18 19	2 4	13 24	0 45	22 0	0 36	7 1	12 36	19 53	19 41	25 18	17 0	6 26			
F 27	22 36	16 26	5 16	20 57	0 4	10 55	2 24	17 56	0 11	5 29	1 23	18 18	2 4	13 23	0 45	21 59	0 36	7 2	12 36	19 53	19 41	25 17	17 0	6 26			
S 28	22 43	11 0	5 5	21 21	0s 3	10 59	2 30	18 7	0 11	5 26	1 22	18 17	2 3	13 23	0 45	21 59	0 36	7 2	12 36	19 53	19 40	25 16	17 0	6 26			
S 29	22 50	5 9	4 36	21 44	0 10	11 4	2 37	18 19	0 10	5 24	1 22	18 17	2 3	13 22	0 44	21 59	0 36	7 3	12 36	19 53	19 39	25 15	16 59	6 26			
M 30	22s55	0n47	3s53	22s 5	0s17	11s 9	2n43	18s30	0n 9	5s22	1s22	18n16	2s 3	13s22	0s44	21s59	0n36	7s 3	12n36	19n53	19n38	25n14	16n59	6s26			

ASTRODIENST EPHEMERIS for the year 1500
geocentric

DECEMBER 1500 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	5 16 31	18°36'44	24°4'4	10°15'	7°15'	24°10'	19°43'	0°14'	26°44'	15°51'	26°14'	28°34'	27°22'	26°38'	25°12'	T 1
W 2	5 20 28	19°37'49	6°52'	11°48'	7°41'	24°42'	19°49'	0°11'	26°43'	15°53'	26°6'	28°35'	27°19'	26°45'	25°11'	W 2
T 3	5 24 25	20°38'55	19°27'	13°21'	8°20'	25°24'	19°54'	0°5'	26°44'	15°55'	26°9'	28°36'	27°16'	26°52'	25°4'	T 3
F 4	5 28 21	21°40'02	11°51'	14°55'	8°59'	26°6'	20°0'	0°0'	26°46'	15°57'	26°11'	28°R36	27°13'	26°58'	25°0'	F 4
S 5	5 32 18	22°41'09	14°5'	16°28'	9°40'	26°48'	20°6'	29°56'	26°48'	16°0'	26°13'	28°35'	27°10'	27°5'	24°56'	S 5
S 6	5 36 14	23°42'16	26°11'	18°2'	10°22'	27°31'	20°12'	29°52'	26°50'	16°2'	26°15'	28°33'	27°6'	27°12'	24°52'	S 6
M 7	5 40 11	24°43'24	8°51'	19°36'	11°5'	28°13'	20°18'	29°47'	26°52'	16°4'	26°17'	28°30'	27°3'	27°18'	24°48'	M 7
T 8	5 44 7	25°44'32	20°6'	21°10'	11°49'	28°55'	20°25'	29°43'	26°54'	16°6'	26°19'	28°25'	27°0'	27°25'	24°44'	T 8
W 9	5 48 4	26°45'40	18°57'	22°45'	12°34'	29°38'	20°32'	29°39'	26°56'	16°8'	26°22'	28°20'	26°57'	27°32'	24°40'	W 9
T 10	5 52 1	27°46'49	13°48'	24°19'	13°20'	0°20'	20°38'	29°35'	26°58'	16°10'	26°24'	28°14'	26°54'	27°39'	24°36'	T 10
F 11	5 55 57	28°47'59	25°41'	25°54'	14°7'	1°2'	20°45'	29°31'	27°0'	16°13'	26°26'	28°10'	26°51'	27°45'	24°32'	F 11
S 12	5 59 54	29°49'08	7°39'	27°29'	14°55'	1°45'	20°52'	29°27'	27°3'	16°15'	26°28'	28°6'	26°47'	27°52'	24°28'	S 12
S 13	6 3 50	0°35'019	19°47'	29°5'	15°44'	2°27'	21°0'	29°23'	27°5'	16°17'	26°30'	28°4'	26°44'	27°59'	24°24'	S 13
M14	6 7 47	1°51'29	2°9'	0°341	16°34'	3°10'	21°7'	29°20'	27°7'	16°19'	26°32'	28°D 3	26°41'	28°5'	24°20'	M14
T 15	6 11 43	2°52'40	14°49'	2°17'	17°24'	3°52'	21°15'	29°16'	27°9'	16°21'	26°34'	28°4'	26°38'	28°12'	24°16'	T 15
W16	6 15 40	3°53'51	27°51'	3°53'	18°16'	4°35'	21°22'	29°12'	27°12'	16°24'	26°36'	28°5'	26°35'	28°19'	24°12'	W16
T 17	6 19 36	4°55'03	11°20'	5°30'	19°8'	5°18'	21°30'	29°9'	27°14'	16°26'	26°38'	28°7'	26°31'	28°26'	24°8'	T 17
F 18	6 23 33	5°56'15	25°17'	7°7'	20°1'	6°0'	21°38'	29°5'	27°17'	16°28'	26°40'	28°R 8	26°28'	28°32'	24°4'	F 18
S 19	6 27 30	6°57'27	9°41'	8°45'	20°54'	6°43'	21°47'	29°2'	27°19'	16°30'	26°42'	28°7'	26°25'	28°39'	24°0'	S 19
S 20	6 31 26	7°58'39	24°30'	10°23'	21°49'	7°26'	21°55'	28°59'	27°22'	16°33'	26°44'	28°5'	26°22'	28°46'	23°57'	S 20
M21	6 35 23	8°59'52	9°36'	12°1'	22°43'	8°8'	22°3'	28°55'	27°24'	16°35'	26°46'	28°0'	26°19'	28°52'	23°53'	M21
T 22	6 39 19	10°1'04	24°51'	13°40'	23°39'	8°51'	22°12'	28°52'	27°27'	16°37'	26°48'	27°54'	26°16'	28°59'	23°49'	T 22
W23	6 43 16	11°2'15	10°3'	15°19'	24°35'	9°34'	22°21'	28°49'	27°29'	16°39'	26°49'	27°47'	26°12'	29°6'	23°45'	W23
T 24	6 47 12	12°3'27	25°2'	16°58'	25°31'	10°17'	22°30'	28°46'	27°32'	16°42'	26°51'	27°41'	26°9'	29°13'	23°41'	T 24
F 25	6 51 9	13°4'37	9°41'	18°38'	26°29'	11°0'	22°39'	28°44'	27°35'	16°44'	26°53'	27°35'	26°6'	29°19'	23°38'	F 25
S 26	6 55 5	14°5'47	23°54'	20°18'	27°26'	11°43'	22°48'	28°41'	27°37'	16°46'	26°55'	27°31'	26°3'	29°26'	23°34'	S 26
S 27	6 59 2	15°6'57	7°39'	21°59'	28°24'	12°26'	22°57'	28°38'	27°40'	16°48'	26°57'	27°29'	26°0'	29°33'	23°30'	S 27
M28	7 2 59	16°8'05	20°59'	23°40'	29°23'	13°9'	23°7'	28°36'	27°43'	16°51'	26°58'	27°D29	25°57'	29°39'	23°27'	M28
T 29	7 6 55	17°9'13	3°55'	25°21'	0°22'	13°52'	23°16'	28°33'	27°46'	16°53'	27°0'	27°30'	25°53'	29°46'	23°23'	T 29
W30	7 10 52	18°10'20	16°32'	27°2'	1°22'	14°35'	23°26'	28°31'	27°48'	16°55'	27°2'	27°31'	25°50'	29°53'	23°20'	W30
T 31	7 14 48	19°11'27	28°54'	28°34'	2°22'	15°18'	23°36'	28°32'	27°48'	16°55'	27°3'	27°R32	25°47'	29°59'	23°16'	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23s 1	6n35	2s59	22s26	0s23	11s15	2n48	18s41	0n 9	5s20	1s22	18n15	2s 3	13s21	0s44	21s58	0n35	7s 3	12n36	19n54	19n38	25n14	16n59	6s26	16s59	6 27	6 27
W 2	23 6	12 0	1 57	22 45	0 30	11 22	2 54	18 52	0 8	5 17	1 21	18 14	2 3	13 20	0 44	21 58	0 35	7 4	12 36	19 54	19 37	25 13	16 59	6 27	6 27	6 27	
T 3	23 10	16 50	0 50	23 4	0 36	11 30	2 59	19 3	0 8	5 15	1 21	18 13	2 3	13 20	0 44	21 58	0 35	7 4	12 36	19 54	19 36	25 12	16 58	6 27	6 27	6 27	
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