



Astrodienst Ephemeris Tables for the year 1504

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 1504

geocentric

JANUARY 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	7 15 54	19°28'16	6°15	26°37	27°R38	11°R49	8°R37	13°R58	9°R16	23°R19	4°R12	26°R41	27°R45	2°R6	28°R2	M 1
T 2	7 19 50	20°29'21	21° 5	26°44	27°R3	11°R27	8°R29	13°R53	9°R19	23°R21	4°R14	26°R30	27°R42	2°R13	27°R58	T 2
W 3	7 23 47	21°30'26	5°10	27°30	26°27	11° 4	8°21	13°48	9°21	23°R23	4°R16	26°R20	27°R39	2°R19	27°R54	W 3
T 4	7 27 43	22°31'30	19°52	28°20	25°51	10°42	8°13	13°44	9°24	23°R26	4°R17	26°R13	27°R35	2°R26	27°R49	T 4
F 5	7 31 40	23°32'33	3°10	29°14	25°14	10°21	8° 6	13°39	9°27	23°R28	4°R19	26°R8	27°R32	2°R33	27°R45	F 5
S 6	7 35 37	24°33'36	16°56	0°11	24°37	10° 0	7°58	13°34	9°29	23°R30	4°R21	26°R6	27°R29	2°R39	27°R40	S 6
S 7	7 39 33	25°34'38	29°48	1°11	24° 0	9°39	7°51	13°29	9°32	23°R33	4°R22	26°R6	27°R26	2°R46	27°R36	S 7
M 8	7 43 30	26°35'39	12°18	2°14	23°23	9°19	7°44	13°24	9°35	23°R35	4°R24	26°R6	27°R23	2°R53	27°R31	M 8
T 9	7 47 26	27°36'40	24°30	3°20	22°47	8°59	7°36	13°20	9°37	23°R37	4°R26	26°R7	27°R20	2°R59	27°R27	T 9
W10	7 51 23	28°37'41	6°10	4°28	22°12	8°40	7°29	13°15	9°40	23°R39	4°R27	26°R7	27°R16	3° 6	27°R22	W10
T 11	7 55 19	29°38'41	18°21	5°38	21°38	8°22	7°22	13°10	9°43	23°R42	4°R29	26°R5	27°R13	3°13	27°R18	T 11
F 12	7 59 16	0°39'40	0°11	6°50	21° 5	8° 5	7°15	13° 6	9°46	23°R44	4°R30	26°R0	27°R10	3°20	27°R13	F 12
S 13	8 3 12	1°40'39	12° 3	8° 3	20°33	7°48	7° 9	13° 1	9°49	23°R46	4°R32	25°R3	27°R7	3°26	27°R9	S 13
S 14	8 7 9	2°41'37	24° 1	9°18	20° 3	7°31	7° 2	12°57	9°52	23°R48	4°R33	25°R4	27°R4	3°33	27°R4	S 14
M15	8 11 6	3°42'34	6° 8	10°35	19°35	7°16	6°55	12°52	9°54	23°R51	4°R35	25°R3	27°R1	3°40	27°R0	M15
T 16	8 15 2	4°43'30	18°25	11°53	19° 9	7° 1	6°49	12°48	9°57	23°R53	4°R36	25°R2	26°R5	3°46	26°R5	T 16
W17	8 18 59	5°44'25	0°36	13°13	18°45	6°47	6°43	12°43	10° 0	23°R55	4°R38	25°R1	26°R4	3°53	26°R5	W17
T 18	8 22 55	6°45'19	13°36	14°34	18°23	6°34	6°36	12°39	10° 3	23°R57	4°R39	25°R7	26°R1	4° 0	26°R4	T 18
F 19	8 26 52	7°46'11	26°29	15°56	18° 4	6°21	6°30	12°35	10° 6	24°R0	4°R40	25°R1	26°R8	4° 7	26°R4	F 19
S 20	8 30 48	8°47'03	9°34	17°19	17°47	6° 9	6°25	12°31	10° 9	24°R2	4°R42	24°R5	26°R4	4°13	26°R3	S 20
S 21	8 34 45	9°47'52	22°49	18°43	17°32	5°59	6°19	12°26	10°12	24°R4	4°R43	24°R5	26°R4	4°20	26°R3	S 21
M22	8 38 41	10°48'41	6°17	20° 8	17°20	5°48	6°13	12°22	10°16	24°R6	4°R44	24°R5	26°R3	4°27	26°R2	M22
T 23	8 42 38	11°49'28	19°55	21°34	17°10	5°39	6° 8	12°18	10°19	24°R9	4°R45	24°R5	26°R3	4°33	26°R2	T 23
W24	8 46 35	12°50'13	3°45	23° 1	17° 3	5°31	6° 3	12°14	10°22	24°R11	4°R46	24°R5	26°R2	4°40	26°R2	W24
T 25	8 50 31	13°50'57	17°47	24°29	16°58	5°23	5°58	12°11	10°25	24°R13	4°R48	24°R5	26°R2	4°47	26°R1	T 25
F 26	8 54 28	14°51'39	2°10	25°58	16°D56	5°16	5°53	12° 7	10°28	24°R15	4°R49	24°R5	26°R2	4°54	26°R1	F 26
S 27	8 58 24	15°52'20	16°22	27°28	16°56	5°10	5°48	12° 3	10°31	24°R17	4°R50	24°R5	26°R2	5° 0	26°R8	S 27
S 28	9 2 21	16°52'59	0°49	28°59	16°58	5° 5	5°44	12° 0	10°35	24°R19	4°R51	24°R5	26°R1	5° 7	26°R4	S 28
M29	9 6 17	17°53'36	15°17	0°30	17° 3	5° 0	5°39	11°56	10°38	24°R22	4°R52	24°R4	26°R1	5°14	26°R0	M29
T 30	9 10 14	18°54'11	29°41	2° 3	17°10	4°57	5°35	11°53	10°41	24°R24	4°R53	24°R8	26°R1	5°20	25°R5	T 30
W31	9 14 11	19°54'45	13°52	3°36	17°R20	4°54	5°31	11°49	10°44	24°R26	4°R54	24°R8	26°R1	5°27	25°R5	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	22s 5	28n19	4n58	21s13	2n13	15s43	5n 4	27n 2	4n 4	23n22	0n 9	22n32	0s14	8s48	0s45	21s 6
T 2	21 56	26 22	4 35	21 24	2 4	15 36	5 18	27 4	4 4	23 23	0 9	22 33	0 14	8 47	0 45	21 6
W 3	21 47	22 42	3 55	21 35	1 54	15 29	5 32	27 6	4 5	23 24	0 9	22 34	0 14	8 46	0 45	21 5
T 4	21 37	17 45	3 0	21 45	1 44	15 23	5 44	27 9	4 5	23 24	0 9	22 34	0 14	8 45	0 45	21 5
F 5	21 27	12 1	1 57	21 56	1 34	15 18	5 57	27 10	4 5	23 25	0 9	22 35	0 13	8 44	0 45	21 4
S 6	21 16	5 55	0 49	22 6	1 25	15 13	6 8	27 12	4 5	23 26	0 10	22 36	0 13	8 43	0 45	21 4
S 7	21 5	0s13	0s20	22 15	1 15	15 9	6 19	27 14	4 5	23 26	0 10	22 36	0 13	8 42	0 45	21 4
M 8	20 54	6 11	1 26	22 24	1 5	15 5	6 29	27 15	4 5	23 27	0 10	22 37	0 13	8 41	0 45	21 3
T 9	20 42	11 47	2 26	22 32	0 56	15 2	6 38	27 16	4 4	23 27	0 10	22 37	0 13	8 40	0 45	21 3
W10	20 30	16 50	3 19	22 40	0 46	14 59	6 46	27 17	4 4	23 28	0 10	22 38	0 13	8 39	0 45	21 3
T 11	20 17	21 13	4 2	22 46	0 37	14 57	6 54	27 18	4 4	23 28	0 10	22 38	0 13	8 38	0 45	21 2
F 12	20 4	24 44	4 35	22 52	0 28	14 55	7 1	27 18	4 3	23 29	0 10	22 39	0 13	8 37	0 45	21 2
S 13	19 51	27 12	4 57	22 57	0 19	14 54	7 6	27 19	4 3	23 29	0 10	22 40	0 13	8 36	0 45	21 1
S 14	19 37	28 27	5 5	23 1	0 10	14 53	7 11	27 19	4 2	23 30	0 11	22 40	0 12	8 35	0 44	21 1
M15	19 23	28 22	5 0	23 4	0 1	14 53	7 16	27 19	4 1	23 30	0 11	22 41	0 12	8 34	0 44	21 1
T 16	19 8	26 53	4 41	23 5	0s 7	14 53	7 19	27 19	4 0	23 31	0 11	22 41	0 12	8 33	0 44	21 0
W17	18 53	24 3	4 9	23 6	0 15	14 54	7 22	27 19	3 59	23 31	0 11	22 42	0 12	8 31	0 44	21 0
T 18	18 38	20 2	3 24	23 5	0 23	14 55	7 23	27 19	3 59	23 31	0 11	22 42	0 12	8 30	0 44	21 0
F 19	18 23	15 2	2 27	23 4	0 31	14 56	7 24	27 18	3 58	23 32	0 11	22 43	0 12	8 29	0 44	20 59
S 20	18 7	9 16	1 22	23 1	0 38	14 58	7 25	27 18	3 56	23 32	0 11	22 43	0 12	8 28	0 44	20 59
S 21	17 51	3 2	0 11	22 57	0 45	15 0	7 24	27 17	3 55	23 33	0 11	22 44	0 12	8 27	0 44	20 58
M22	17 34	3n26	1n 1	22 51	0 52	15 3	7 23	27 17	3 54	23 33	0 12	22 44	0 11	8 26	0 44	20 58
T 23	17 17	9 50	2 11	22 45	0 59	15 6	7 22	27 16	3 53	23 33	0 12	22 45	0 11	8 24	0 44	20 58
W24	17 0	15 51	3 15	22 37	1 6	15 9	7 20	27 15	3 52	23 34	0 12	22 45	0 11	8 23	0 44	20 57
T 25	16 43	21 8	4 7	22 28	1 12	15 12	7 17	27 14	3 50	23 34	0 12	22 46	0 11	8 22	0 44	20 57
F 26	16 25	25 17	4 46	22 17	1 18	15 15	7 14	27 13	3 49	23 34	0 12	22 46	0 11	8 21	0 44	20 57
S 27	16 7	27 53	5 7	22 5	1 23	15 19	7 10	27 12	3 48	23 35	0 12	22 47	0 11	8 19	0 44	20 56
S 28	15 49	28 38	5 8	21 52	1 28	15 23	7 6	27 11	3 46	23 35	0 12	22 47	0 11	8 18	0 44	20 56
M29	15 31	27 26	4 50	21 37	1 33	15 27	7 1	27 10	3 45	23 35	0 12	22 48	0 11	8 17	0 44	20 55
T 30	15 12	24 25	4 14	21 21	1 38	15 31	6 57	27 8	3 44	23 36	0 12	22 48	0 10	8 16	0 44	20 55
W31	14s53	19n57	3n23	21s 4	1s43	15s35	6n51	27n 7	3n42	23n36	0n12	22n48	0s10	8s15	0s44	20s55

Julian Day Number = 2270393.5, Delta T = 282.94 sec

Ecliptic obliquity = 23°30'22", Nutation = 0°00'02", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°49'11", Lahiri = 16°56'12" Julian Calendar 1 Jan. 1504 == Greg. Calendar 11 Jan. 1504

ASTRODIENST EPHEMERIS for the year 1504

geocentric

MARCH 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	11 12 27	19 ^h 58'55"	19 ^m 41'	27 ^h 41'	4 ^h 36'	8 ^h 41'	5 ^h 00'	10 ^h R54	12 ^h 26'	25 ^h 21'	5 ^h R 7	24 ^h D12	24 ^h 34'	8 ^h 49'	24 ^h R26	F 1
S 2	11 16 24	20 ^h 58'32"	2 ^m 40'	29 ^h 40'	5 ^h 27'	8 ^h 57'	5 ^h 2	10 ^h 54'	12 ^h 30'	25 ^h 22'	5 ^h 6	24 ^h 12'	24 ^h 31'	8 ^h 55'	24 ^h 24'	S 2
S 3	11 20 20	21 ^h 58'07"	15 ^m 23'	1 ^h 39'	6 ^h 19'	9 ^h 13'	5 ^h 4	10 ^h D54	12 ^h 33'	25 ^h 24'	5 ^h 6	24 ^h 12'	24 ^h 28'	9 ^h 2	24 ^h 23'	S 3
M 4	11 24 17	22 ^h 57'41"	27 ^m 50'	3 ^h 36'	7 ^h 12'	9 ^h 30'	5 ^h 7	10 ^h 54'	12 ^h 36'	25 ^h 25'	5 ^h 6	24 ^h 12'	24 ^h 25'	9 ^h 9	24 ^h 21'	M 4
T 5	11 28 13	23 ^h 57'12"	10 ^m 4	5 ^h 32'	8 ^h 5	9 ^h 48'	5 ^h 9	10 ^h 54'	12 ^h 40'	25 ^h 27'	5 ^h 6	24 ^h R12	24 ^h 22'	9 ^h 16'	24 ^h 20'	T 5
W 6	11 32 10	24 ^h 56'42"	22 ^m 8	7 ^h 27'	8 ^h 59'	10 ^h 6	5 ^h 12'	10 ^h 54'	12 ^h 43'	25 ^h 28'	5 ^h 6	24 ^h 12'	24 ^h 18'	9 ^h 22'	24 ^h 19'	W 6
T 7	11 36 6	25 ^h 56'10"	4 ^m 4	9 ^h 20'	9 ^h 53'	10 ^h 24'	5 ^h 15'	10 ^h 55'	12 ^h 47'	25 ^h 29'	5 ^h 5	24 ^h 12'	24 ^h 15'	9 ^h 29'	24 ^h 18'	T 7
F 8	11 40 3	26 ^h 55'36"	15 ^m 57'	11 ^h 10'	10 ^h 48'	10 ^h 42'	5 ^h 18'	10 ^h 55'	12 ^h 50'	25 ^h 31'	5 ^h 5	24 ^h 12'	24 ^h 12'	9 ^h 36'	24 ^h 17'	F 8
S 9	11 44 0	27 ^h 55'01"	27 ^m 51'	12 ^h 57'	11 ^h 44'	11 ^h 1	5 ^h 21'	10 ^h 56'	12 ^h 53'	25 ^h 32'	5 ^h 5	24 ^h D12	24 ^h 9	9 ^h 42'	24 ^h 16'	S 9
S 10	11 47 56	28 ^h 54'23"	9 ^m 51'	14 ^h 41'	12 ^h 40'	11 ^h 21'	5 ^h 25'	10 ^h 56'	12 ^h 57'	25 ^h 33'	5 ^h 4	24 ^h 12'	24 ^h 6	9 ^h 49'	24 ^h 15'	S 10
M 11	11 51 53	29 ^h 53'44"	22 ^m 1	16 ^h 21'	13 ^h 36'	11 ^h 40'	5 ^h 28'	10 ^h 57'	13 ^h 0	25 ^h 34'	5 ^h 4	24 ^h 12'	24 ^h 3	9 ^h 56'	24 ^h 15'	M 11
T 12	11 55 49	0 ^h 53'03"	4 ^m 26'	17 ^h 57'	14 ^h 33'	12 ^h 0	5 ^h 32'	10 ^h 58'	13 ^h 3	25 ^h 36'	5 ^h 4	24 ^h 13'	23 ^h 59'	10 ^h 3	24 ^h 14'	T 12
W 13	11 59 46	1 ^h 52'20"	17 ^m 9	19 ^h 29'	15 ^h 31'	12 ^h 21'	5 ^h 36'	10 ^h 59'	13 ^h 7	25 ^h 37'	5 ^h 3	24 ^h 13'	23 ^h 56'	10 ^h 9	24 ^h 14'	W 13
T 14	12 3 42	2 ^h 51'35"	0 ^m 13'	20 ^h 55'	16 ^h 29'	12 ^h 42'	5 ^h 40'	11 ^h 0	13 ^h 10'	25 ^h 38'	5 ^h 3	24 ^h 14'	23 ^h 53'	10 ^h 16'	24 ^h 14'	T 14
F 15	12 7 39	3 ^h 50'49"	13 ^m 39'	22 ^h 17'	17 ^h 27'	13 ^h 3	5 ^h 45'	11 ^h 2	13 ^h 13'	25 ^h 39'	5 ^h 2	24 ^h 15'	23 ^h 50'	10 ^h 23'	24 ^h 13'	F 15
S 16	12 11 35	4 ^h 50'00"	27 ^m 26'	23 ^h 32'	18 ^h 26'	13 ^h 24'	5 ^h 49'	11 ^h 3	13 ^h 16'	25 ^h 40'	5 ^h 2	24 ^h R15	23 ^h 47'	10 ^h 29'	24 ^h 13'	S 16
S 17	12 15 32	5 ^h 49'09"	11 ^m 32'	24 ^h 43'	19 ^h 25'	13 ^h 46'	5 ^h 54'	11 ^h 5	13 ^h 20'	25 ^h 41'	5 ^h 1	24 ^h 14'	23 ^h 44'	10 ^h 36'	24 ^h D13	S 17
M 18	12 19 29	6 ^h 48'16"	25 ^m 54'	25 ^h 47'	20 ^h 24'	14 ^h 8	5 ^h 59'	11 ^h 6	13 ^h 23'	25 ^h 42'	5 ^h 0	24 ^h 13'	23 ^h 40'	10 ^h 43'	24 ^h 13'	M 18
T 19	12 23 25	7 ^h 47'21"	10 ^m 52'	26 ^h 44'	21 ^h 24'	14 ^h 30'	6 ^h 4	11 ^h 8	13 ^h 26'	25 ^h 43'	5 ^h 0	24 ^h 12'	23 ^h 37'	10 ^h 50'	24 ^h 13'	T 19
W 20	12 27 22	8 ^h 46'24"	24 ^m 59'	27 ^h 36'	22 ^h 24'	14 ^h 53'	6 ^h 9	11 ^h 10'	13 ^h 29'	25 ^h 44'	4 ^h 59'	24 ^h 10'	23 ^h 34'	10 ^h 56'	24 ^h 14'	W 20
T 21	12 31 18	9 ^h 45'25"	9 ^m 11'	28 ^h 21'	23 ^h 25'	15 ^h 16'	6 ^h 14'	11 ^h 12'	13 ^h 32'	25 ^h 45'	4 ^h 58'	24 ^h 8	23 ^h 31'	11 ^h 3	24 ^h 14'	T 21
F 22	12 35 15	10 ^h 44'23"	23 ^m 56'	28 ^h 59'	24 ^h 26'	15 ^h 39'	6 ^h 19'	11 ^h 14'	13 ^h 36'	25 ^h 46'	4 ^h 58'	24 ^h 7	23 ^h 28'	11 ^h 10'	24 ^h 15'	F 22
S 23	12 39 11	11 ^h 43'19"	8 ^m 51'	29 ^h 31'	25 ^h 27'	16 ^h 3	6 ^h 25'	11 ^h 16'	13 ^h 39'	25 ^h 47'	4 ^h 57'	24 ^h D 6	23 ^h 24'	11 ^h 16'	24 ^h 15'	S 23
S 24	12 43 8	12 ^h 42'13"	22 ^m 10'	29 ^h 56'	26 ^h 28'	16 ^h 26'	6 ^h 31'	11 ^h 18'	13 ^h 42'	25 ^h 48'	4 ^h 56'	24 ^h 7	23 ^h 21'	11 ^h 23'	24 ^h 16'	S 24
M 25	12 47 4	13 ^h 41'04"	5 ^m 18'	0 ^h 14'	27 ^h 30'	16 ^h 51'	6 ^h 37'	11 ^h 20'	13 ^h 45'	25 ^h 49'	4 ^h 55'	24 ^h 8	23 ^h 18'	11 ^h 30'	24 ^h 17'	M 25
T 26	12 51 1	14 ^h 39'53"	9 ^m 28'	0 ^h 26'	28 ^h 32'	17 ^h 15'	6 ^h 43'	11 ^h 23'	13 ^h 48'	25 ^h 49'	4 ^h 54'	24 ^h 9	23 ^h 15'	11 ^h 37'	24 ^h 18'	T 26
W 27	12 54 58	15 ^h 38'40"	2 ^m 45'	0 ^h R31	29 ^h 34'	17 ^h 39'	6 ^h 49'	11 ^h 25'	13 ^h 51'	25 ^h 50'	4 ^h 53'	24 ^h 10'	23 ^h 12'	11 ^h 43'	24 ^h 19'	W 27
T 28	12 58 54	16 ^h 37'24"	15 ^m 49'	0 ^h 30'	0 ^h 37'	18 ^h 4	6 ^h 56'	11 ^h 28'	13 ^h 54'	25 ^h 51'	4 ^h 53'	24 ^h 11'	23 ^h 9	11 ^h 50'	24 ^h 20'	T 28
F 29	13 2 51	17 ^h 36'07"	28 ^m 41'	0 ^h 22'	1 ^h 40'	18 ^h 29'	7 ^h 2	11 ^h 31'	13 ^h 57'	25 ^h 52'	4 ^h 52'	24 ^h R11	23 ^h 5	11 ^h 57'	24 ^h 21'	F 29
S 30	13 6 47	18 ^h 34'47"	11 ^m 42'	0 ^h 9	2 ^h 43'	18 ^h 54'	7 ^h 9	11 ^h 34'	14 ^h 0	25 ^h 52'	4 ^h 51'	24 ^h 10'	23 ^h 2	12 ^h 4	24 ^h 22'	S 30
S 31	13 10 44	19 ^h 33'25"	23 ^m 48'	29 ^h 50'	3 ^h 46'	19 ^h 20'	7 ^h 16'	11 ^h 36'	14 ^h 3	25 ^h 53'	4 ^h 50'	24 ^h 8	22 ^h 59'	12 ^h 10'	24 ^h 24'	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	3s59	4n29	0n25	1s30	0s38	16s 0	3n16	26n 9	2n56	23n40	0n15	22n57	0s 7	7s35	0s44	20s45
S 2	3 35	1s47	0s47	0 33	0 27	15 55	3 8	26 6	2 55	23 40	0 15	22 57	0 7	7 34	0 44	20 45
S 3	3 12	7 50	1 55	0n24	0 17	15 50	3 1	26 4	2 53	23 40	0 15	22 57	0 7	7 33	0 44	20 44
M 4	2 48	13 28	2 56	1 21	0 6	15 44	2 53	26 1	2 52	23 40	0 15	22 57	0 6	7 32	0 44	20 44
T 5	2 24	18 29	3 48	2 18	0n 6	15 37	2 46	25 58	2 50	23 40	0 15	22 57	0 6	7 30	0 44	20 44
W 6	2 1	22 41	4 29	3 14	0 17	15 30	2 39	25 56	2 49	23 40	0 15	22 57	0 6	7 29	0 44	20 44
T 7	1 37	25 53	4 58	4 9	0 29	15 23	2 32	25 53	2 47	23 40	0 16	22 57	0 6	7 28	0 44	20 43
F 8	1 14	27 58	5 14	5 4	0 41	15 15	2 24	25 50	2 46	23 40	0 16	22 57	0 6	7 26	0 44	20 43
S 9	0 50	28 46	5 16	5 57	0 54	15 7	2 17	25 47	2 45	23 40	0 16	22 57	0 6	7 25	0 44	20 43
S 10	0 26	28 13	5 5	6 49	1 6	14 58	2 10	25 44	2 43	23 39	0 16	22 57	0 6	7 24	0 44	20 43
M 11	0 3	26 19	4 40	7 39	1 18	14 49	2 3	25 41	2 42	23 39	0 16	22 58	0 6	7 23	0 44	20 42
T 12	0n21	23 7	4 2	8 27	1 30	14 39	1 57	25 38	2 40	23 39	0 16	22 58	0 6	7 21	0 44	20 42
W 13	0 45	18 47	3 11	9 13	1 42	14 29	1 50	25 34	2 39	23 39	0 16	22 58	0 5	7 20	0 44	20 42
T 14	1 8	13 27	2 9	9 56	1 53	14 18	1 43	25 31	2 38	23 39	0 16	22 58	0 5	7 19	0 44	20 42
F 15	1 32	7 21	0 58	10 37	2 4	14 7	1 37	25 28	2 36	23 39	0 16	22 58	0 5	7 18	0 44	20 42
S 16	1 56	0 45	0n18	11 15	2 15	13 55	1 30	25 24	2 35	23 39	0 16	22 58	0 5	7 16	0 44	20 41
S 17	2 19	6n 1	1 34	11 50	2 25	13 43	1 24	25 21	2 34	23 39	0 16	22 58	0 5	7 15	0 44	20 41
M 18	2 43	12 37	2 46	12 22	2 34	13 31	1 17	25 17	2 33	23 38	0 16	22 58	0 5	7 14	0 44	20 41
T 19	3 6	18 36	3 48	12 51	2 42	13 17	1 11	25 13	2 31	23 38	0 16	22 58	0 5	7 13	0 44	20 41
W 20	3 29	23 31	4 36	13 17	2 49	13 4	1 5	25 9	2 30	23 38	0 16	22 57	0 5	7 11	0 44	20 41
T 21	3 53	26 58	5 5	13 39	2 56	12 50	0 58	25 5	2 29	23 38	0 16	22 57	0 5	7 10	0 44	20 40
F 22	4 16	28 37	5 15	13 58	3 1	12 36	0 52	25 2	2 27	23 38	0 17	22 57	0 4	7 9	0 44	20 40
S 23	4 39	28 21	5 6	14 13	3 5	12 21	0 46	24 57	2 26	23 38	0 17	22 57	0 4	7 8	0 44	20 40
S 24	5 2	26 15	4 39	14 24	3 8	12 5	0 41	24 53	2 25	23 37	0 17	22 57	0 4	7 7	0 44	20 40

ASTRODIENST EPHEMERIS for the year 1504
geocentric

APRIL 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	13 14 40	20°32'01	6♉ 5	29°R27	4°50	19°S46	7°S23	11°S39	14°6	25°S53	4°R49	24°R 5	22°S56	12°S17	24°S25	M 1
T 2	13 18 37	21°30'36	18°13	28°Y59	5°54	20°12	7°30	11°43	14° 9	25°54	4°S48	24°S 0	22°53	12°24	24°27	T 2
W 3	13 22 33	22°29'08	0♈14	28°26	6°58	20°38	7°37	11°46	14°12	25°55	4°46	23°55	22°49	12°30	24°29	W 3
T 4	13 26 30	23°27'39	12° 9	27°51	8° 2	21° 4	7°45	11°49	14°15	25°55	4°45	23°50	22°46	12°37	24°31	T 4
F 5	13 30 27	24°26'08	24° 2	27°13	9° 7	21°31	7°52	11°53	14°17	25°56	4°44	23°46	22°43	12°44	24°33	F 5
S 6	13 34 23	25°24'36	5♊55	26°34	10°11	21°58	8° 0	11°56	14°20	25°56	4°43	23°43	22°40	12°51	24°35	S 6
S 7	13 38 20	26°23'02	17°53	25°53	11°16	22°24	8° 7	12° 0	14°23	25°56	4°42	23°41	22°37	12°57	24°37	S 7
M 8	13 42 16	27°21'26	0♈ 1	25°12	12°21	22°52	8°15	12° 3	14°26	25°57	4°41	23°D41	22°34	13° 4	24°39	M 8
T 9	13 46 13	28°19'49	12°23	24°31	13°27	23°19	8°23	12° 7	14°28	25°57	4°40	23°42	22°30	13°11	24°41	T 9
W10	13 50 9	29°18'10	25° 4	23°51	14°32	23°47	8°32	12°11	14°31	25°57	4°38	23°43	22°27	13°17	24°44	W10
T 11	13 54 6	0♈16'29	8♈ 8	23°14	15°38	24°14	8°40	12°15	14°34	25°58	4°37	23°45	22°24	13°24	24°46	T 11
F 12	13 58 2	1°14'47	21°37	22°39	16°44	24°42	8°48	12°19	14°36	25°58	4°36	23°R46	22°21	13°31	24°49	F 12
S 13	14 1 59	2°13'03	5♉32	22° 6	17°50	25°10	8°57	12°23	14°39	25°58	4°35	23°45	22°18	13°38	24°51	S 13
S 14	14 5 55	3°11'18	19°53	21°37	18°56	25°39	9° 6	12°28	14°42	25°58	4°33	23°43	22°15	13°44	24°54	S 14
M15	14 9 52	4° 9'30	4♈35	21°12	20° 2	26° 7	9°14	12°32	14°44	25°58	4°32	23°39	22°11	13°51	24°57	M15
T 16	14 13 49	5° 7'42	19°30	20°51	21° 9	26°36	9°23	12°36	14°47	25°58	4°31	23°33	22° 8	13°58	25° 0	T 16
W17	14 17 45	6° 5'51	4♈30	20°35	22°15	27° 4	9°32	12°41	14°49	25°58	4°29	23°27	22° 5	14° 5	25° 3	W17
T 18	14 21 42	7° 3'59	19°27	20°23	23°22	27°33	9°41	12°45	14°51	25°59	4°28	23°21	22° 2	14°11	25° 6	T 18
F 19	14 25 38	8° 2'05	4♈11	20°15	24°29	28° 3	9°51	12°50	14°54	25°R59	4°26	23°15	21°59	14°18	25°10	F 19
S 20	14 29 35	9° 0'08	18°37	20°D13	25°36	28°32	10° 0	12°55	14°56	25°59	4°25	23°12	21°55	14°25	25°13	S 20
S 21	14 33 31	9°58'10	2♉42	20°15	26°43	29° 1	10° 9	13° 0	14°58	25°58	4°24	23°10	21°52	14°31	25°16	S 21
M22	14 37 28	10°56'10	16°24	20°22	27°50	29°31	10°19	13° 5	15° 1	25°58	4°22	23°D10	21°49	14°38	25°20	M22
T 23	14 41 25	11°54'08	29°46	20°33	28°57	0♉ 1	10°29	13°10	15° 3	25°58	4°21	23°11	21°46	14°45	25°23	T 23
W24	14 45 21	12°52'04	12♈48	20°49	0♉ 5	0°30	10°38	13°15	15° 5	25°58	4°19	23°12	21°43	14°52	25°27	W24
T 25	14 49 18	13°49'58	25°35	21° 9	1°12	1° 0	10°48	13°20	15° 7	25°58	4°18	23°R12	21°40	14°58	25°31	T 25
F 26	14 53 14	14°47'50	8♈ 8	21°34	2°20	1°31	10°58	13°25	15° 9	25°58	4°16	23°11	21°36	15° 5	25°35	F 26
S 27	14 57 11	15°45'41	20°30	22° 3	3°28	2° 1	11° 8	13°30	15°12	25°57	4°15	23° 8	21°33	15°12	25°39	S 27
S 28	15 1 7	16°43'30	2♉43	22°36	4°36	2°31	11°18	13°36	15°14	25°57	4°13	23° 2	21°30	15°18	25°43	S 28
M29	15 5 4	17°41'18	14°50	23°14	5°44	3° 2	11°29	13°41	15°16	25°57	4°12	22°54	21°27	15°25	25°47	M29
T 30	15 9 0	18°39'04	26♉50	23°Y54	6°Y52	3♉32	11°S39	13°S46	15°S18	25°S56	4°S10	22°S44	21°S24	15°S32	25°S51	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	decl	lat	decl	lat
M 1	8n 3	16s53	3s30	13n50	2n42	9s49	0s 3	24n17	2n15	23n35	0n17	22n56	0s 3	6s57	0s44	20s39	0n23	9s48	11n33	2s22	2s49	27s20	14n25	6s59					
T 2	8 25	21 22	4 14	13 31	2 32	9 30	0 8	24 12	2 14	23 35	0 17	22 56	0 3	6 56	0 44	20 39	0 23	9 47	11 33	2 23	2 50	27 22	14 26	6 58					
W 3	8 46	24 55	4 46	13 9	2 21	9 11	0 13	24 7	2 13	23 34	0 17	22 56	0 3	6 55	0 44	20 39	0 23	9 47	11 33	2 25	2 51	27 23	14 26	6 57					
T 4	9 8	27 22	5 6	12 45	2 9	8 51	0 18	24 1	2 12	23 34	0 17	22 56	0 3	6 54	0 44	20 39	0 23	9 46	11 33	2 27	2 53	27 24	14 27	6 56					
F 5	9 30	28 34	5 12	12 18	1 56	8 31	0 22	23 56	2 11	23 34	0 17	22 55	0 3	6 53	0 45	20 38	0 23	9 46	11 33	2 29	2 54	27 25	14 27	6 56					
S 6	9 51	28 27	5 5	11 51	1 41	8 11	0 27	23 51	2 10	23 33	0 17	22 55	0 3	6 52	0 45	20 38	0 23	9 46	11 34	2 30	2 55	27 26	14 28	6 55					
S 7	10 13	27 1	4 45	11 21	1 26	7 50	0 31	23 45	2 9	23 33	0 17	22 55	0 3	6 51	0 45	20 38	0 23	9 45	11 34	2 31	2 56	27 27	14 28	6 54					
M 8	10 34	24 18	4 12	10 51	1 10	7 30	0 36	23 39	2 7	23 32	0 18	22 55	0 3	6 50	0 45	20 38	0 23	9 45	11 34	2 31	2 58	27 28	14 28	6 53					
T 9	10 55	20 26	3 26	10 21	0 53	7 8	0 40	23 34	2 6	23 32	0 18	22 54	0 3	6 49	0 45	20 38	0 23	9 45	11 34	2 31	2 59	27 29	14 29	6 53					
W10	11 15	15 33	2 30	9 51	0 36	6 47	0 44	23 28	2 5	23 31	0 18	22 54	0 3	6 48	0 45	20 38	0 23	9 44	11 34	2 30	3 0	27 30	14 29	6 52					
T 11	11 36	9 51	1 24	9 21	0 19	6 25	0 48	23 22	2 4	23 31	0 18	22 54	0 2	6 47	0 45	20 38	0 23	9 44	11 34	2 29	3 1	27 31	14 29	6 51					
F 12	11 56	3 31	0 12	8 52	0 2	6 3	0 52	23 16	2 3	23 30	0 18	22 54	0 2	6 46	0 45	20 38	0 23	9 44	11 35	2 29	3 3	27 32	14 29	6 51					
S 13	12 17	3n11	1n 4	8 24	0s15	5 41	0 56	23 10	2 2	23 30	0 18	22 53	0 2	6 45	0 45	20 38	0 23	9 43	11 35	2 29	3 4	27 33	14 30	6 50					
S 14	12 37	9 55	2 17	7 58	0 31	5 18	1 0	23 3	2 1	23 29	0 18	22 53	0 2	6 44	0 45	20 38	0 23	9 43	11 35	2 30	3 5	27 34	14 30	6 49					
M15	12 56	16 16	3 23	7 34	0 47	4 56	1 3	22 57	2 0	23 29	0 18	22 53	0 2	6 43	0 45	20 38	0 23	9 43	11 35	2 32	3 6	27 35	14 30	6 48					
T 16	13 16	21 46	4 16	7 11	1 3	4 33	1 7	22 50	1 59	23 28	0 18	22 52	0 2	6 42	0 45	20 38	0 23	9 42	11 35	2 34	3 8	27 36	14 30	6 48					
W17	13 35	25 53	4 52	6 51	1 18	4 10	1 10	22 44	1 58	23 28	0 18	22 52	0 2	6 41	0 45	20 38	0 23	9 42	11 35	2 37	3 9	27 37	14 30	6 47					
T 18	13 55	28 12	5 8	6 34	1 32	3 46	1 14	22 37	1 57	23 27	0 18	22 52	0 2	6 40	0 45	20 38	0 23	9 42	11 35	2 39	3 10	27 38	14 30	6 46					
F 19	14 14	28 29	5 3	6 18	1 46	3 22	1 17	22 30	1 56	23 26	0 18	22 51	0 2	6 39	0 45	20 38	0 23	9 41	11 35	2 41	3 11	27 39	14 31	6 46					
S 20	14 32	26 49	4 39	6 6	1 58	2 59	1 20	22 23	1 55	23 26	0 18	22 51	0 2	6 38	0 45	20 38	0 23	9 41	11 35	2 43	3 13	27 39	14 31	6 45					
S 21	14 51	23 29	3 58	5 55	2 10	2 35	1 23	22 16	1 54	23 25	0 18	22 51	0 1	6 38	0 45	20 38	0 23	9 41	11 36	2 43	3 14	27 40	14 31	6 44					
M22	15 9	18 54	3 5	5 48	2 21	2 11	1 26	22 9	1 53	23 25	0 18	22 50	0 1	6 37	0 45	20 38	0 23	9 40	11 36	2 43	3 15	27 41	14 31	6 44					
T 23	15 27	13 30	2 3	5 43	2 31	1 46	1 29	22 2	1 52	23 24	0 18	22 50	0 1	6 36	0 45	20 38	0 23	9 40	11 36	2 43	3 16	27 42	14 31	6 43					
W24	15 45	7 38	0 56	5 41	2 40	1 22	1 31	21 54	1 51	23 23	0 18	22 50	0 1	6 35	0 45	20 38	0 23	9 40	11 36	2 42	3 18	27 43	14 31	6 42					
T 25	16 2	1 34	0s13	5 41	2 48	0 57	1 34	21 47	1 50	23 22	0 19	22 49	0 1	6 34	0 45	20 38	0 23	9 39	11 36	2 42	3 19	27 44	14 31	6 42					
F 26	16 19	4s27	1 19	5 43	2 55	0 32	1 36	21 39	1 49	23 22	0 19	22 49	0 1	6 33	0 45	20 38	0 23	9 39	11 36	2 43	3 20	27 45	14 31	6 41					
S 27	16 36	10 12	2 21	5 48	3 2	0 8	1 39	21 31	1 48	23 21	0 19	22 48	0 1	6 33	0 45	20 38	0 23	9 39	11 36	2 44	3 22	27 46	14 31	6 40					
S 28	16 53	15 30	3 15	5 55	3 7	0n17	1 41	21 23	1 47	23 20	0 19	22 48	0 1	6 32	0 45	20 38	0 23	9 38	11 36	2 46	3 23	27 47	14 31	6 40					
M29	17 9	20 9	4 0	6 5	3 12	0 42	1 43	21 15	1 46	23 19	0 19	22 47	0 1	6 31	0 45	20 38	0 23	9 38	11 36	2 50	3 24	27 47	14 30	6 39					
T 30	17n25	23s57	4s34	6n17	3s15	1n 8	1s45	21n 7	1n45	23n18	0n19	22n47	0s 1	6s30	0s45	20s38	0n23	9s38	11n36	2s53	3s25	27s48	14n30	6s38					

ASTRODIENST EPHEMERIS for the year 1504
geocentric

MAY 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	15 12 57	19°36'49	8°47	24°39	8°0	4°3	11°49	13°52	15°19	25°56	4°9	22°34	21°21	15°39	25°55	W 1
T 2	15 16 54	20°34'33	20°40	25°27	9°8	4°34	12°0	13°58	15°21	25°56	4°7	22°23	21°17	15°45	26°0	T 2
F 3	15 20 50	21°32'15	2°32	26°19	10°17	5°5	12°10	14°3	15°23	25°55	4°5	22°13	21°14	15°52	26°4	F 3
S 4	15 24 47	22°29'56	14°26	27°14	11°25	5°36	12°21	14°9	15°25	25°55	4°4	22°5	21°11	15°59	26°9	S 4
S 5	15 28 43	23°27'36	26°24	28°12	12°34	6°7	12°32	14°15	15°27	25°54	4°2	21°59	21°8	16°6	26°13	S 5
M 6	15 32 40	24°25'15	8°30	29°14	13°43	6°39	12°43	14°21	15°28	25°54	4°1	21°56	21°5	16°12	26°18	M 6
T 7	15 36 36	25°22'53	20°50	0°18	14°51	7°10	12°54	14°27	15°30	25°53	3°59	21°54	21°1	16°19	26°23	T 7
W 8	15 40 33	26°20'30	3°27	1°26	16°0	7°42	13°5	14°33	15°32	25°52	3°57	21°54	20°58	16°26	26°27	W 8
T 9	15 44 29	27°18'06	16°26	2°36	17°9	8°14	13°16	14°39	15°33	25°52	3°56	21°55	20°55	16°32	26°32	T 9
F 10	15 48 26	28°15'41	29°50	3°50	18°18	8°46	13°27	14°45	15°35	25°51	3°54	21°55	20°52	16°39	26°37	F 10
S 11	15 52 23	29°13'15	13°44	5°6	19°27	9°17	13°38	14°51	15°36	25°51	3°53	21°53	20°49	16°46	26°42	S 11
S 12	15 56 19	0°10'48	28°6	6°25	20°37	9°50	13°49	14°57	15°38	25°50	3°51	21°49	20°46	16°53	26°47	S 12
M13	16 0 16	1°8'20	12°53	7°46	21°46	10°22	14°1	15°4	15°39	25°49	3°49	21°42	20°42	16°59	26°53	M13
T14	16 4 12	2°5'51	28°0	9°10	22°55	10°54	14°12	15°10	15°41	25°48	3°48	21°34	20°39	17°6	26°58	T14
W15	16 8 9	3°3'22	13°16	10°37	24°5	11°26	14°24	15°17	15°42	25°47	3°46	21°24	20°36	17°13	27°3	W15
T16	16 12 5	4°0'51	28°30	12°7	25°14	11°59	14°35	15°23	15°43	25°47	3°44	21°14	20°33	17°20	27°9	T16
F17	16 16 2	4°58'19	13°32	13°39	26°24	12°31	14°47	15°30	15°44	25°46	3°43	21°5	20°30	17°26	27°14	F17
S18	16 19 58	5°55'47	28°13	15°13	27°33	13°4	14°59	15°36	15°46	25°45	3°41	20°58	20°27	17°33	27°19	S18
S19	16 23 55	6°53'12	12°28	16°51	28°43	13°37	15°10	15°43	15°47	25°44	3°40	20°54	20°23	17°40	27°25	S19
M20	16 27 52	7°50'37	26°16	18°30	29°53	14°10	15°22	15°49	15°48	25°43	3°38	20°52	20°20	17°46	27°31	M20
T21	16 31 48	8°48'00	9°37	20°13	1°3	14°43	15°34	15°56	15°49	25°42	3°36	20°52	20°17	17°53	27°36	T21
W22	16 35 45	9°45'22	22°35	21°58	2°12	15°16	15°46	16°3	15°50	25°41	3°35	20°52	20°14	18°0	27°42	W22
T23	16 39 41	10°42'43	5°14	23°45	3°22	15°49	15°58	16°10	15°51	25°40	3°33	20°51	20°11	18°7	27°48	T23
F24	16 43 38	11°40'03	17°37	25°35	4°32	16°22	16°10	16°17	15°52	25°39	3°31	20°49	20°7	18°13	27°54	F24
S25	16 47 34	12°37'22	29°49	27°27	5°42	16°56	16°22	16°24	15°53	25°38	3°30	20°44	20°4	18°20	28°0	S25
S26	16 51 31	13°34'40	11°52	29°22	6°52	17°29	16°34	16°30	15°53	25°37	3°28	20°36	20°1	18°27	28°6	S26
M27	16 55 27	14°31'57	23°50	1°19	8°3	18°3	16°47	16°37	15°54	25°36	3°27	20°26	19°58	18°33	28°12	M27
T28	16 59 24	15°29'14	5°45	3°18	9°13	18°36	16°59	16°44	15°55	25°35	3°25	20°13	19°55	18°40	28°18	T28
W29	17 3 21	16°26'30	17°38	5°19	10°23	19°10	17°11	16°52	15°56	25°34	3°24	20°0	19°52	18°47	28°24	W29
T30	17 7 17	17°23'45	29°31	7°23	11°33	19°44	17°24	16°59	15°56	25°32	3°22	19°46	19°48	18°54	28°30	T30
F31	17 11 14	18°21'00	11°25	9°28	12°44	20°17	17°36	17°5	15°57	25°31	3°20	19°43	19°45	19°0	28°36	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	decl	decl	lat
W 1	17n41	26s41	4s55	6n30	3s18	1n33	1s47	20n59	1n44	23n17	0n19	22n46	0s1	6s30	0s45	20s38	0n23	9s38	11n36	2s58	3s27	27s49	14n30	6s38		
T 2	17 57	28 14	5 4	6 46	3 20	1 58	1 49	20 51	1 43	23 17	0 19	22 46	0 0	6 29	0 45	20 38	0 23	9 37	11 36	3 2	3 28	27 50	14 30	6 37		
F 3	18 12	28 28	4 59	7 3	3 21	2 23	1 50	20 42	1 42	23 16	0 19	22 45	0 0	6 28	0 45	20 38	0 23	9 37	11 36	3 6	3 29	27 51	14 30	6 37		
S 4	18 27	27 23	4 41	7 23	3 22	2 49	1 52	20 34	1 41	23 15	0 19	22 45	0 0	6 28	0 45	20 39	0 23	9 37	11 36	3 9	3 30	27 52	14 30	6 36		
S 5	18 41	25 3	4 11	7 43	3 22	3 14	1 53	20 25	1 40	23 14	0 19	22 44	0 0	6 27	0 45	20 39	0 23	9 36	11 36	3 11	3 32	27 52	14 29	6 35		
M 6	18 56	21 33	3 30	8 6	3 21	3 40	1 55	20 16	1 40	23 13	0 19	22 44	0 0	6 26	0 45	20 39	0 23	9 36	11 36	3 13	3 33	27 53	14 29	6 35		
T 7	19 10	17 5	2 38	8 30	3 19	4 5	1 56	20 7	1 39	23 12	0 19	22 43	0n0	6 26	0 45	20 39	0 23	9 36	11 36	3 13	3 34	27 54	14 29	6 34		
W 8	19 23	11 46	1 37	8 56	3 17	4 31	1 57	19 58	1 38	23 11	0 19	22 43	0 0	6 25	0 45	20 39	0 23	9 36	11 36	3 13	3 35	27 55	14 29	6 34		
T 9	19 37	5 49	0 29	9 23	3 14	4 56	1 58	19 49	1 37	23 10	0 19	22 42	0 0	6 25	0 46	20 39	0 23	9 35	11 36	3 13	3 37	27 56	14 28	6 33		
F 10	19 50	0n35	0n42	9 51	3 10	5 21	1 59	19 40	1 36	23 9	0 19	22 42	0 0	6 24	0 46	20 39	0 23	9 35	11 36	3 13	3 38	27 56	14 28	6 32		
S 11	20 2	7 10	1 53	10 20	3 6	5 47	2 0	19 30	1 35	23 8	0 19	22 41	0 0	6 23	0 46	20 39	0 23	9 35	11 36	3 14	3 39	27 57	14 28	6 32		
S 12	20 15	13 37	3 0	10 51	3 1	6 12	2 1	19 21	1 34	23 7	0 20	22 40	0 0	6 23	0 46	20 39	0 23	9 35	11 36	3 15	3 40	27 58	14 27	6 31		
M13	20 27	19 29	3 56	11 23	2 55	6 38	2 2	19 11	1 33	23 5	0 20	22 40	0 1	6 22	0 46	20 40	0 23	9 34	11 36	3 18	3 42	27 59	14 27	6 31		
T14	20 38	24 16	4 37	11 55	2 49	7 3	2 2	19 2	1 32	23 4	0 20	22 39	0 1	6 22	0 46	20 40	0 23	9 34	11 36	3 21	3 43	27 59	14 26	6 30		
W15	20 50	27 23	4 59	12 29	2 42	7 28	2 3	18 52	1 32	23 3	0 20	22 38	0 1	6 21	0 46	20 40	0 23	9 34	11 35	3 25	3 44	28 0	14 26	6 30		
T16	21 1	28 29	4 59	13 3	2 35	7 53	2 3	18 42	1 31	23 2	0 20	22 38	0 1	6 21	0 46	20 40	0 23	9 34	11 35	3 29	3 45	28 1	14 25	6 29		
F17	21 11	27 26	4 39	13 38	2 28	8 18	2 3	18 32	1 30	23 1	0 20	22 37	0 1	6 20	0 46	20 40	0 23	9 34	11 35	3 33	3 47	28 2	14 25	6 29		
S18	21 21	24 30	4 1	14 13	2 20	8 43	2 4	18 22	1 29	22 59	0 20	22 36	0 1	6 20	0 46	20 40	0 23	9 33	11 35	3 35	3 48	28 2	14 24	6 28		
S19	21 31	20 7	3 8	14 49	2 11	9 7	2 4	18 11	1 28	22 58	0 20	22 36	0 1	6 20	0 46	20 41	0 23	9 33	11 35	3 37	3 49	28 3	14 24	6 28		
M20	21 41	14 47	2 6	15 26	2 2	9 32	2 4	18 1	1 27	22 57	0 20	22 35	0 1	6 19	0 46	20 41	0 23	9 33	11 35	3 38	3 50	28 4	14 23	6 27		
T21	21 50	8 54	0 59	16 2	1 53	9 56	2 4	17 50	1 26	22 56	0 20	22 34	0 1	6 19	0 46	20 41	0 23	9 33	11 35	3 38	3 52	28 4	14 23	6 27		
W22	21 59	2 49	0s9	16 39	1 43	10 21	2 3	17 40	1 26	22 54	0 20	22 34	0 1	6 19	0 46	20 41	0 23	9 33	11 35	3 38	3 53	28 5	14 22	6 26		
T23	22 7	3s14	1 15	17 16	1 33	10 45	2 3	17 29	1 25	22 53	0 20	22 33	0 1	6 18	0 46	20 41	0 23	9 33	11 35	3 38	3 54	28 6	14 21	6 26		
F24	22 15	9 2	2 16	17 53	1 22	11 9	2 3	17 18	1 24	22 52	0 20	22 32	0 2	6 18	0 46	20 41	0 23	9 33	11 34	3 39	3 55	28 6	14 21	6 25		
S25	22 22	14 24	3 10	18 29	1 12	11 32	2 2	17 7	1 23	22 50	0 20	22 31	0 2	6 18	0 46	20 42	0 23	9 32	11 34	3 41	3 57	28 7	14 20	6 25		
S26	22 30	19 9	3 55	19 5	1 1	11 56	2 2	16 56	1 22	22 49	0 20	22 31	0 2	6 17	0 46	20 42	0 23	9 32	11 34	3 44	3 58	28 8	14 19	6 24		
M27	22 36	23 7	4 28	19 40	0 50	12 19	2 1	16 45	1 21	22 47	0 20	22 30	0 2	6 17	0 46	20 42	0 23	9 32	11 34	3 48	3 59	28 8	14 19	6 24		
T28	22 43	26 5	4 50	20 15	0 39	12 42	2 0	16 34	1 21	22 46	0 21	22 29	0 2	6 17	0 46	20 42	0 23	9 32	11 34	3 53	4 0	28 9	14 18	6 23		
W29	22 49	27 53	4 59	20 48	0 27	13 5	2 0	16 23	1 20	22 44	0 21	22 28	0 2	6 17	0 46	20 42	0 23	9 32	11 34	3 58	4 2	28 9	14 17	6 23		
T30	22 54	28 25	4 55	21 20	0 16	13 27	1 59	16 11	1 19	22 43	0 21	22 28	0 2	6 16	0 46	20 43	0 23	9 32	11 33	4 4	4 4	28 10	14 16	6 22		
F31	23n0	27s38	4s38	21n51	0s5	13n50	1s58	16n0	1n18	22n41	0n21	22n27	0n2	6s16	0s46	20s43	0n23	9s32	11n33	4s9	4s4	28s11	14n16	6s22		

ASTRODIENST EPHEMERIS for the year 1504
geocentric

JUNE 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17 15 10	19II18'15	23☾22	11II34	13☾54	20♂51	17☾49	17☾13	15☾57	25°R30	3°R19	19°R22	19☾42	19☾7	28☾43	S 1
S 2	17 19 7	20°15'29	5☾23	13°43	15° 5	21°25	18° 1	17°20	15°58	25☾29	3☾17	19☾14	19°39	19°14	28°49	S 2
M 3	17 23 3	21°12'42	17°33	15°52	16°15	22° 0	18°14	17°27	15°58	25°28	3°16	19° 9	19°36	19°21	28°55	M 3
T 4	17 27 0	22° 9'56	29°54	18° 2	17°26	22°34	18°26	17°35	15°59	25°26	3°14	19° 6	19°33	19°27	29° 2	T 4
W 5	17 30 56	23° 7'09	12☾30	20°13	18°37	23° 8	18°39	17°42	15°59	25°25	3°13	19° 5	19°29	19°34	29° 8	W 5
T 6	17 34 53	24° 4'22	25°26	22°25	19°47	23°42	18°52	17°49	15°59	25°24	3°11	19° 5	19°26	19°41	29°15	T 6
F 7	17 38 50	25° 1'35	8☾45	24°36	20°58	24°17	19° 4	17°57	15°59	25°22	3°10	19° 5	19°23	19°47	29°22	F 7
S 8	17 42 46	25°58'48	22°31	26°47	22° 9	24°51	19°17	18° 4	16° 0	25°21	3° 8	19° 3	19°20	19°54	29°28	S 8
S 9	17 46 43	26°56'01	6☾45	28°58	23°20	25°26	19°30	18°12	16° 0	25°20	3° 7	18°59	19°17	20° 1	29°35	S 9
M10	17 50 39	27°53'14	21°26	19° 8	24°31	26° 0	19°43	18°19	16° 0	25°18	3° 5	18°52	19°13	20° 8	29°42	M10
T 11	17 54 36	28°50'27	6II28	3°18	25°42	26°35	19°55	18°27	16°R 0	25°17	3° 4	18°43	19°10	20°14	29°48	T 11
W12	17 58 32	29°47'40	21°44	5°26	26°53	27°10	20° 8	18°34	16° 0	25°15	3° 3	18°33	19° 7	20°21	29°55	W12
T 13	18 2 29	0☾44'54	7☾ 1	7°33	28° 4	27°45	20°21	18°42	16° 0	25°14	3° 1	18°23	19° 4	20°28	0☾ 2	T 13
F 14	18 6 26	1°42'06	22°10	9°38	29°15	28°20	20°34	18°49	16° 0	25°13	3° 0	18°13	19° 1	20°35	0° 9	F 14
S 15	18 10 22	2°39'19	7☾ 0	11°42	0II26	28°55	20°47	18°57	15°59	25°11	2°58	18° 6	18°58	20°41	0°16	S 15
S 16	18 14 19	3°36'31	21°24	13°44	1°37	29°30	21° 0	19° 4	15°59	25°10	2°57	18° 1	18°54	20°48	0°23	S 16
M17	18 18 15	4°33'43	5II19	15°44	2°49	0II 5	21°13	19°12	15°59	25° 8	2°56	17°59	18°51	20°55	0°30	M17
T 18	18 22 12	5°30'55	18°46	17°43	4° 0	0°41	21°26	19°20	15°59	25° 7	2°54	17°D58	18°48	21° 1	0°37	T 18
W19	18 26 8	6°28'06	1☾46	19°39	5°11	1°16	21°39	19°27	15°58	25° 5	2°53	17°R59	18°45	21° 8	0°44	W19
T 20	18 30 5	7°25'17	14°25	21°34	6°23	1°51	21°53	19°35	15°58	25° 4	2°52	17°59	18°42	21°15	0°51	T 20
F 21	18 34 1	8°22'28	26°46	23°27	7°34	2°27	22° 6	19°43	15°58	25° 2	2°51	17°57	18°39	21°22	0°58	F 21
S 22	18 37 58	9°19'39	8II53	25°18	8°46	3° 2	22°19	19°50	15°57	25° 0	2°49	17°53	18°35	21°28	1° 5	S 22
S 23	18 41 55	10°16'50	20°53	27° 7	9°57	3°38	22°32	19°58	15°56	24°59	2°48	17°47	18°32	21°35	1°12	S 23
M24	18 45 51	11°14'01	2☾47	28°54	11° 9	4°14	22°45	20° 6	15°56	24°57	2°47	17°39	18°29	21°42	1°19	M24
T 25	18 49 48	12°11'12	14°39	0☾39	12°20	4°49	22°58	20°13	15°55	24°56	2°46	17°28	18°26	21°49	1°27	T 25
W26	18 53 44	13° 8'23	26°32	2°22	13°32	5°25	23°12	20°21	15°55	24°54	2°45	17°16	18°23	21°55	1°34	W26
T 27	18 57 41	14° 5'35	8☾27	4° 3	14°44	6° 1	23°25	20°29	15°54	24°53	2°44	17° 5	18°19	22° 2	1°41	T 27
F 28	19 1 37	15° 2'47	20°25	5°42	15°55	6°37	23°38	20°37	15°53	24°51	2°43	16°54	18°16	22° 9	1°48	F 28
S 29	19 5 34	15°59'59	2☾29	7°19	17° 7	7°13	23°51	20°44	15°52	24°49	2°41	16°45	18°13	22°15	1°56	S 29
S 30	19 9 30	16☾57'11	14☾40	8☾54	18II19	7II49	24☾ 5	20☾52	15☾51	24☾48	2☾40	16☾38	18☾10	22☾22	2☾ 3	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	decl lat	decl lat
S 1	23n 4	25s34	4 s 9	22n20	0n 6	14n12	1s57	15n48	1n17	22n40	0n21	22n26	0n 2	6s16	0s46	20s43
S 2	23 9	22 21	3 29	22 47	0 16	14 33	1 56	15 36	1 16	22 38	0 21	22 25	0 2	6 16	0 46	20 43
M 3	23 13	18 8	2 38	23 12	0 27	14 55	1 55	15 25	1 16	22 36	0 21	22 24	0 2	6 16	0 46	20 44
T 4	23 16	13 6	1 40	23 35	0 37	15 16	1 53	15 13	1 15	22 35	0 21	22 23	0 3	6 16	0 46	20 44
W 5	23 20	7 25	0 35	23 55	0 46	15 37	1 52	15 1	1 14	22 33	0 21	22 22	0 3	6 16	0 47	20 44
T 6	23 22	1 19	0n33	24 13	0 55	15 57	1 51	14 49	1 13	22 31	0 21	22 22	0 3	6 15	0 47	20 44
F 7	23 25	5n 2	1 42	24 28	1 4	16 17	1 49	14 36	1 13	22 30	0 21	22 21	0 3	6 15	0 47	20 45
S 8	23 27	11 22	2 47	24 40	1 12	16 37	1 48	14 24	1 12	22 28	0 21	22 20	0 3	6 15	0 47	20 45
S 9	23 28	17 19	3 43	24 49	1 19	16 57	1 46	14 12	1 11	22 26	0 21	22 19	0 3	6 15	0 47	20 45
M10	23 29	22 28	4 27	24 56	1 26	17 16	1 45	13 59	1 10	22 24	0 21	22 18	0 3	6 15	0 47	20 45
T 11	23 30	26 16	4 54	25 0	1 32	17 34	1 43	13 46	1 9	22 23	0 21	22 17	0 3	6 15	0 47	20 46
W12	23 30	28 14	5 0	25 1	1 37	17 52	1 41	13 34	1 9	22 21	0 22	22 16	0 3	6 15	0 47	20 46
T 13	23 30	28 4	4 45	24 59	1 42	18 10	1 39	13 21	1 8	22 19	0 22	22 15	0 3	6 15	0 47	20 46
F 14	23 30	25 47	4 10	24 55	1 45	18 28	1 37	13 8	1 7	22 17	0 22	22 14	0 3	6 16	0 47	20 46
S 15	23 30	29 21	4 7	24 47	1 49	18 45	1 35	12 55	1 6	22 15	0 22	22 13	0 3	6 16	0 47	20 47
S 16	23 27	16 33	2 16	24 38	1 51	19 1	1 33	12 42	1 6	22 13	0 22	22 12	0 4	6 16	0 47	20 47
M17	23 26	10 37	1 7	24 26	1 52	19 17	1 31	12 29	1 5	22 11	0 22	22 11	0 4	6 16	0 47	20 47
T 18	23 23	4 24	0s 4	24 12	1 53	19 33	1 29	12 16	1 4	22 9	0 22	22 10	0 4	6 16	0 47	20 47
W19	23 21	1s49	1 13	23 56	1 53	19 48	1 27	12 2	1 3	22 7	0 22	22 9	0 4	6 16	0 47	20 48
T 20	23 18	7 47	2 15	23 38	1 53	20 2	1 25	11 49	1 2	22 5	0 22	22 8	0 4	6 16	0 47	20 48
F 21	23 14	13 18	3 10	23 18	1 52	20 16	1 23	11 36	1 2	22 3	0 22	22 7	0 4	6 17	0 47	20 48
S 22	23 11	18 13	3 56	22 56	1 50	20 30	1 21	11 22	1 1	22 1	0 22	22 6	0 4	6 17	0 47	20 49
S 23	23 6	22 22	4 30	22 33	1 47	20 43	1 18	11 8	1 0	21 59	0 22	22 5	0 4	6 17	0 47	20 49
M24	23 2	25 33	4 52	22 8	1 44	20 55	1 16	10 55	0 59	21 57	0 22	22 4	0 4	6 17	0 47	20 49
T 25	22 57	27 37	5 2	21 43	1 41	21 7	1 14	10 41	0 59	21 55	0 23	22 3	0 4	6 18	0 47	20 49
W26	22 51	28 26	4 58	21 15	1 37	21 19	1 11	10 27	0 58	21 53	0 23	22 2	0 4	6 18	0 47	20 50
T 27	22 45	27 55	4 42	20 47	1 32	21 30	1 9	10 13	0 57	21 51	0 23	22 1	0 5	6 18	0 47	20 50
F 28	22 39	26 7	4 13	20 18	1 27	21 40	1 6	9 59	0 57	21 48	0 23	22 0	0 5	6 19	0 47	20 50
S 29	22 33	23 6	3 32	19 48	1 21	21 50	1 4	9 45	0 56	21 46	0 23	21 59	0 5	6 19	0 47	20 51
S 30	22n26	19s 3	2s42	19n17	1n15	21n59	1s 1	9n31	0n55	21n44	0n23	21n58	0n 5	6s19	0s47	20s51

Julian Day Number = 2270545.5, Delta T = 282.02 sec
Ecliptic obliquity = 23°30'22", Nutation = 0°00'03", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°49'32", Lahiri = 16°56'32" Julian Calendar 1 June 1504 == Greg. Calendar 11 June 1504

ASTRODIENST EPHEMERIS for the year 1504

geocentric

JULY 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	19 13 27	17°54'24	26°58'58	10°27'19	19°11'31	8°25'25	24°18'18	21°0'0	15°R51	24°R46	2°R39	16°R34	18°R 7	22°R29	2°R10	M 1
T 2	19 17 24	18°51'38	9°28'28	11°58'20	20°43'9	9°1'24	24°31'21	21°8'8	15°R50	24°R45	2°R38	16°R32	18°4'4	22°R36	2°R18	T 2
W 3	19 21 20	19°48'52	22°11'13	13°27'21	21°55'9	9°38'24	24°44'21	21°16'15	15°49'24	24°43'2	2°37'16	16°D32	18°0'22	22°R42	2°25'W 3	
T 4	19 25 17	20°46'07	5°Y10	14°55'23	7'10	10°14'24	24°58'21	21°23'15	15°48'24	24°41'2	2°36'16	16°33'17	17°57'22	22°R49	2°33'T 4	
F 5	19 29 13	21°43'23	18°28'16	16°20'24	19'10	10°51'25	25°11'21	21°31'15	15°46'24	24°40'2	2°36'16	16°R33	17°54'22	22°R56	2°40'F 5	
S 6	19 33 10	22°40'40	2°R 9	17°43'25	31'11	11°27'25	25°24'21	21°39'15	15°45'24	24°38'2	2°35'16	16°33'17	17°51'23	23°2'S 6	2°48'S 6	
S 7	19 37 6	23°37'58	16°14'19	19°4'26	44'12	12°4'25	25°38'21	21°47'15	15°44'24	24°37'2	2°34'16	16°31'17	17°48'23	23°9'2	2°55'S 7	
M 8	19 41 3	24°35'16	0°II41	20°23'27	56'12	12°40'25	25°51'21	21°54'15	15°43'24	24°35'2	2°33'16	16°27'17	17°45'23	23°16'3	3°2'M 8	
T 9	19 44 59	25°32'36	15°27'21	21°39'29	9'8	13°17'26	26°4'22	22°2'15	15°42'24	24°33'2	2°32'16	16°21'17	17°41'23	23°23'3	3°10'T 9	
W10	19 48 56	26°29'57	0°R28	22°54'0	20	13°54'26	18°12'22	22°10'15	15°40'24	24°32'2	2°31'16	16°14'17	17°38'23	23°29'3	3°17'W10	
T 11	19 52 53	27°27'19	15°32'24	24°6'1	33'14	14°31'26	26°31'22	22°18'15	15°39'24	24°30'2	2°31'16	16°6'17	17°35'23	23°36'3	3°25'T 11	
F 12	19 56 49	28°24'41	0°R32	25°16'2	45'15	15°7'26	26°44'22	22°26'15	15°38'24	24°28'2	2°30'16	16°0'17	17°32'23	23°43'3	3°33'F 12	
S 13	20 0 46	29°22'04	15°18'26	26°23'3	58'15	15°44'26	26°58'22	22°33'15	15°36'24	24°27'2	2°29'15	15°55'17	17°29'23	23°50'3	3°40'S 13	
S 14	20 4 42	0°R19'28	29°42'27	28°23'5	10'16	16°21'27	27°11'22	21°41'15	15°35'24	24°25'2	2°29'15	15°52'17	17°25'23	23°56'3	3°48'S 14	
M15	20 8 39	1°16'52	13°II41	28°30'6	23'16	16°58'27	27°24'22	22°49'15	15°33'24	24°24'2	2°28'15	15°D51	17°22'24	24°3'3	3°55'M15	
T 16	20 12 35	2°14'17	27°12'29	29°30'7	35'17	17°36'27	27°37'22	22°57'15	15°32'24	24°22'2	2°27'15	15°51'17	17°19'24	24°10'4	4°3'T 16	
W17	20 16 32	3°11'43	10°II41	0°II26	8'48	18°13'27	27°51'23	21°4'15	15°30'24	24°20'2	2°27'15	15°52'17	17°16'24	24°16'4	4°10'W17	
T 18	20 20 28	4°9'10	22°59'1	10°1'18	10'1	18°50'28	28°4'23	21°12'15	15°29'24	24°19'2	2°26'15	15°54'17	17°13'24	24°23'4	4°18'T 18	
F 19	20 24 25	5°6'37	5°II22	2°10'11	11'13	19°27'28	28°17'23	21°20'15	15°27'24	24°17'2	2°26'15	15°R54	17°10'24	24°30'4	4°25'F 19	
S 20	20 28 22	6°4'05	17°31'2	12°26'20	25'7	12°26'20	28°30'23	21°25'15	15°25'24	24°16'2	2°25'15	15°53'17	17°6'24	24°37'4	4°33'S 20	
S 21	20 32 18	7°1'34	29°30'3	13°39'20	42'13	20°42'28	28°44'23	21°35'15	15°24'24	24°14'2	2°25'15	15°51'17	17°3'24	24°43'4	4°40'S 21	
M22	20 36 15	7°59'03	11°R24	4°21'14	52'21	14°52'21	28°57'23	21°43'15	15°22'24	24°12'2	2°24'15	15°47'17	17°0'24	24°50'4	4°48'M22	
T 23	20 40 11	8°56'34	23°16'4	4°57'16	5'16	21°57'29	29°10'23	21°50'15	15°20'24	24°11'2	2°24'15	15°42'16	16°57'24	24°57'4	4°56'T 23	
W24	20 44 8	9°54'05	5°R10	5°30'17	17'18	22°35'29	29°23'23	21°58'15	15°18'24	24°9'2	2°23'15	15°35'16	16°54'25	25°4'5	5°3'W24	
T 25	20 48 4	10°51'38	17°9'5	5°58'18	31'23	23°13'29	29°37'24	21°5'15	15°17'24	24°8'2	2°23'15	15°29'16	16°51'25	25°10'5	5°11'T 25	
F 26	20 52 1	11°49'11	29°15'6	6°21'19	44'23	23°51'29	29°50'24	21°13'15	15°15'24	24°6'2	2°23'15	15°23'16	16°47'25	25°17'5	5°18'F 26	
S 27	20 55 58	12°46'46	11°R29	6°40'20	57'24	20°57'24	24°28'0	21°13'24	15°13'24	24°5'2	2°23'15	15°19'16	16°44'25	25°24'5	5°26'S 27	
S 28	20 59 54	13°44'21	23°53'6	6°54'22	10'25	22°10'25	25°6'0	0°16'24	24°28'15	15°11'24	24°3'2	2°22'15	15°15'16	16°41'25	25°30'5	5°33'S 28
M29	21 3 51	14°41'59	6°R27	7°3'23	23'25	24°44'0	0°29'24	24°35'15	15°9'24	24°2'2	2°22'15	15°14'16	16°38'25	25°37'5	5°41'M29	
T 30	21 7 47	15°39'37	19°13'7	7°R 7	24'36	26°22'0	0°42'24	24°43'15	15°7'24	24°0'2	2°22'15	15°D13	16°35'25	25°44'5	5°48'T 30	
W31	21 11 44	16°R37'17	2°Y11	7°II 5	25°R50	27°II 0	0°R55	24°R50	15°R 5	23°R59	2°R22	15°R14	16°R31	25°R51	5°R56	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	22n18	14s10	1s43	18n46	1n 8	22n 7	0s58	9n16	0n54	21n42	0n23	21n56	0n 5	6s20	0s47	20s51
T 2	22 10	8 38	0 38	18 14	1 1	22 15	0 56	9 2	0 54	21 39	0 23	21 55	0 5	6 20	0 48	20 52
W 3	22 2	2 39	0n30	17 41	0 54	22 22	0 53	8 48	0 53	21 37	0 23	21 54	0 5	6 20	0 48	20 52
T 4	21 54	3n33	1 38	17 8	0 46	22 29	0 51	8 33	0 52	21 35	0 23	21 53	0 5	6 21	0 48	20 52
F 5	21 45	9 46	2 43	16 35	0 38	22 35	0 48	8 19	0 51	21 32	0 23	21 52	0 5	6 21	0 48	20 52
S 6	21 36	15 41	3 40	16 2	0 29	22 41	0 45	8 4	0 51	21 30	0 23	21 51	0 5	6 22	0 48	20 53
S 7	21 26	20 58	4 25	15 28	0 20	22 45	0 43	7 50	0 50	21 28	0 24	21 50	0 5	6 22	0 48	20 53
M 8	21 16	25 9	4 55	14 54	0 11	22 50	0 40	7 35	0 49	21 25	0 24	21 49	0 5	6 23	0 48	20 53
T 9	21 6	27 47	5 7	14 20	0 1	22 53	0 37	7 20	0 49	21 23	0 24	21 47	0 6	6 23	0 48	20 54
W10	20 55	28 28	4 57	13 47	0s 9	22 56	0 34	7 5	0 48	21 20	0 24	21 46	0 6	6 24	0 48	20 54
T 11	20 44	27 1	4 27	13 13	0 19	22 58	0 32	6 50	0 47	21 18	0 24	21 45	0 6	6 24	0 48	20 54
F 12	20 32	23 40	3 39	12 40	0 30	23 0	0 29	6 35	0 46	21 16	0 24	21 44	0 6	6 25	0 48	20 55
S 13	20 20	18 48	2 37	12 7	0 40	23 1	0 26	6 20	0 46	21 13	0 24	21 43	0 6	6 26	0 48	20 55
S 14	20 8	12 57	1 26	11 35	0 51	23 1	0 23	6 5	0 45	21 11	0 24	21 41	0 6	6 26	0 48	20 55
M15	19 56	6 37	0 12	11 3	1 2	23 0	0 21	5 50	0 44	21 8	0 24	21 40	0 6	6 27	0 48	20 55
T 16	19 43	0 11	1s 1	10 32	1 14	22 59	0 18	5 35	0 44	21 6	0 24	21 39	0 6	6 27	0 48	20 56
W17	19 30	6s 3	2 8	10 1	1 25	22 58	0 15	5 20	0 43	21 3	0 24	21 38	0 6	6 28	0 48	20 56
T 18	19 16	11 52	3 7	9 31	1 37	22 55	0 12	5 4	0 42	21 0	0 25	21 37	0 6	6 29	0 48	20 56
F 19	19 3	17 3	3 56	9 3	1 48	22 52	0 10	4 49	0 41	20 58	0 25	21 35	0 6	6 29	0 48	20 57
S 20	18 48	21 28	4 33	8 35	2 0	22 48	0 7	4 34	0 41	20 55	0 25	21 34	0 7	6 30	0 48	20 57
S 21	18 34	24 56	4 58	8 8	2 12	22 44	0 4	4 18	0 40	20 53	0 25	21 33	0 7	6 31	0 48	20 57
M22	18 19	27 19	5 9	7 42	2 24	22 39	0 2	4 3	0 39	20 50	0 25	21 32	0 7	6 31	0 48	20 57
T 23	18 4	28 27	5 7	7 18	2 36	22 33	0n 1	3 47	0 39	20 47	0 25	21 31	0 7	6 32	0 48	20 58
W24	17 49	28 16	4 52	6 56	2 47	22 27	0 4	3 32	0 38	20 45	0 25	21 29	0 7	6 33	0 48	20 58
T 25	17 33	26 46	4 24	6 35	2 59	22 20	0 6	3 16	0 37	20 42	0 25	21 28	0 7	6 33	0 48	20 58
F 26	17 18	24 1	3 44	6 15	3 10	22 12	0 9	3 1	0 36	20 39	0 25	21 27	0 7	6 34	0 48	20 59
S 27	17 1	20 10	2 54	5 58	3 22	22 4	0 12	2 45	0 36	20 37	0 25	21 26	0 7	6 35	0 48	20 59
S 28	16 45	15 23	1 54	5 43	3 32	21 55	0 14	2 29	0 35	20 34	0 26	21 24	0 7	6 36	0 48	20 59
M29	16 28	9 55	0 48	5 30	3 43	21 45	0 17	2 13	0 34	20 31	0 26	21 23	0 7	6 37	0 48	20 59
T 30	16 11	3 57	0n22	5 19	3 52	21 35	0 19	1 58	0 34	20 28	0 26	21 22	0 7	6 37	0 48	21 0
W31	15n54	2n16	1n32	5n12	4s 2	21n24	0n22	1n42	0n33	20n26	0n26	21n21	0n 8	6s38	0s48	21s 0

Julian Day Number = 2270575.5, Delta T = 281.84 sec

Ecliptic obliquity = 23°30'22", Nutation = 0°00'04", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°49'36", Lahiri = 16°56'37" Julian Calendar 1 July 1504 == Greg. Calendar 11 July 1504

ASTRODIENST EPHEMERIS for the year 1504
geocentric

AUGUST 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	21 15 40	17♌34°58	15♍23	6♊R58	27♎3	27♎39	1♈8	24♏58	15♊R 3	23♊R57	2♊R22	15♊R16	16♊R28	25♊R57	6♊R 3	T 1
F 2	21 19 37	18°32'41	28°51	6♊R45	28°16	28°17	1°21	25°5	15♊R 1	23♊R56	2♊R22	15°17	16°25	26°4	6°11	F 2
S 3	21 23 33	19°30'26	12♋34	6°27	29°30	28°55	1°34	25°13	14°59	23°54	2°22	15°18	16°22	26°11	6°18	S 3
S 4	21 27 30	20°28'12	26°34	6°2	0♌43	29°33	1°47	25°20	14°57	23°53	2°D22	15°R18	16°19	26°17	6°26	S 4
M 5	21 31 26	21°26'01	10♌44	5°32	1°56	0♌12	2°0	25°27	14°55	23°51	2°22	15°17	16°16	26°24	6°33	M 5
T 6	21 35 23	22°23'51	25°17	4°57	3°10	0°50	2°13	25°34	14°52	23°50	2°22	15°15	16°12	26°31	6°41	T 6
W 7	21 39 20	23°21'43	9♌54	4°17	4°24	1°29	2°26	25°42	14°50	23°49	2°22	15°12	16°9	26°38	6°48	W 7
T 8	21 43 16	24°19'36	24°35	3°32	5°37	2°7	2°38	25°49	14°48	23°47	2°22	15°10	16°6	26°44	6°56	T 8
F 9	21 47 13	25°17'31	9♌13	2°43	6°51	2°46	2°51	25°56	14°46	23°46	2°22	15°7	16°3	26°51	7°3	F 9
S 10	21 51 9	26°15'28	23°40	1°51	8°4	3°25	3°4	26°3	14°44	23°45	2°22	15°5	16°0	26°58	7°10	S 10
S 11	21 55 6	27°13'26	7♎52	0°57	9°18	4°4	3°17	26°10	14°41	23°43	2°22	15°4	15°57	27°5	7°18	S 11
M12	21 59 2	28°11'26	21°44	0°2	10°32	4°42	3°29	26°17	14°39	23°42	2°23	15°D 4	15°53	27°11	7°25	M12
T 13	22 2 59	29°9'27	5♏13	29♏6	11°46	5°21	3°42	26°24	14°37	23°41	2°23	15°5	15°50	27°18	7°32	T 13
W14	22 6 55	0♎7'30	18°19	28°11	13°0	6°0	3°55	26°31	14°35	23°40	2°23	15°6	15°47	27°25	7°40	W14
T 15	22 10 52	1°5'34	1♎4	27°19	14°13	6°39	4°7	26°38	14°32	23°38	2°24	15°7	15°44	27°31	7°47	T 15
F 16	22 14 49	2°3'40	13°30	26°29	15°27	7°18	4°20	26°45	14°30	23°37	2°24	15°8	15°41	27°38	7°54	F 16
S 17	22 18 45	3°1'47	25°41	25°45	16°41	7°58	4°32	26°52	14°28	23°36	2°24	15°9	15°37	27°45	8°1	S 17
S 18	22 22 42	3°59'55	7♎41	25°6	17°55	8°37	4°44	26°58	14°25	23°35	2°25	15°R 9	15°34	27°52	8°8	S 18
M19	22 26 38	4°58'05	19°35	24°33	19°9	9°16	4°57	27°5	14°23	23°34	2°25	15°9	15°31	27°58	8°15	M19
T 20	22 30 35	5°56'17	1♏29	24°8	20°23	9°55	5°9	27°12	14°21	23°33	2°26	15°8	15°28	28°5	8°23	T 20
W21	22 34 31	6°54'30	13°24	23°50	21°37	10°35	5°21	27°18	14°18	23°32	2°26	15°7	15°25	28°12	8°30	W21
T 22	22 38 28	7°52'45	25°27	23°42	22°52	11°14	5°33	27°25	14°16	23°31	2°27	15°6	15°22	28°18	8°37	T 22
F 23	22 42 25	8°51'01	7♎39	23°D42	24°6	11°54	5°46	27°32	14°13	23°30	2°28	15°5	15°18	28°25	8°44	F 23
S 24	22 46 21	9°49'19	20°4	23°51	25°20	12°33	5°58	27°38	14°11	23°29	2°28	15°4	15°15	28°32	8°51	S 24
S 25	22 50 18	10°47'38	2♎42	24°9	26°34	13°13	6°10	27°44	14°9	23°28	2°29	15°4	15°12	28°39	8°58	S 25
M26	22 54 14	11°46'00	15°35	24°36	27°48	13°53	6°22	27°51	14°6	23°27	2°30	15°D 4	15°9	28°45	9°4	M26
T 27	22 58 11	12°44'23	28°43	25°11	29°3	14°32	6°34	27°57	14°4	23°26	2°30	15°4	15°6	28°52	9°11	T 27
W28	23 2 7	13°42'48	12♎5	25°55	0♎17	15°12	6°45	28°3	14°1	23°25	2°31	15°4	15°2	28°59	9°18	W28
T 29	23 6 4	14°41'15	25°40	26°48	1°31	15°52	6°57	28°10	13°59	23°24	2°32	15°R 4	14°59	29°5	9°25	T 29
F 30	23 10 0	15°39'45	9♎27	27°48	2°46	16°32	7°9	28°16	13°57	23°23	2°33	15°4	14°56	29°12	9°32	F 30
S 31	23 13 57	16♎38'16	23♎23	28♎55	4♎0	17♎12	7♎21	28♎22	13♎54	23♎22	2♎34	15♎4	14♎53	29♎19	9♎38	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	15n36	8n30	2n38	5n 6	4s10	21n12	0n24	1n26	0n32	20n23	0n26	21n19	0n 8	6s39	0s48	21s 0
F 2	15 19	14 28	3 37	5 4	4 18	21 0	0 27	1 10	0 32	20 20	0 26	21 18	0 8	6 40	0 48	21 1
S 3	15 1	19 51	4 24	5 5	4 24	20 48	0 29	0 54	0 31	20 17	0 26	21 17	0 8	6 41	0 48	21 1
S 4	14 42	24 15	4 57	5 9	4 30	20 34	0 32	0 38	0 30	20 15	0 26	21 16	0 8	6 41	0 48	21 1
M 5	14 24	27 18	5 13	5 16	4 34	20 20	0 34	0 22	0 30	20 12	0 26	21 14	0 8	6 42	0 48	21 1
T 6	14 5	28 34	5 9	5 26	4 36	20 6	0 36	0 6	0 29	20 9	0 26	21 13	0 8	6 43	0 48	21 2
W 7	13 46	27 53	4 46	5 39	4 38	19 51	0 39	0s10	0 28	20 6	0 27	21 12	0 8	6 44	0 48	21 2
T 8	13 27	25 15	4 3	5 56	4 37	19 35	0 41	0 26	0 28	20 3	0 27	21 11	0 8	6 45	0 48	21 2
F 9	13 8	20 58	3 5	6 16	4 35	19 19	0 43	0 42	0 27	20 1	0 27	21 9	0 8	6 46	0 48	21 2
S 10	12 48	15 29	1 55	6 38	4 30	19 2	0 45	0 58	0 26	19 58	0 27	21 8	0 9	6 47	0 48	21 3
S 11	12 28	9 15	0 40	7 3	4 24	18 44	0 47	1 14	0 26	19 55	0 27	21 7	0 9	6 47	0 48	21 3
M12	12 8	2 44	0s37	7 30	4 16	18 26	0 49	1 30	0 25	19 52	0 27	21 6	0 9	6 48	0 48	21 3
T 13	11 48	3s45	1 49	7 58	4 6	18 8	0 52	1 46	0 24	19 49	0 27	21 5	0 9	6 49	0 49	21 3
W14	11 28	9 52	2 53	8 28	3 54	17 49	0 53	2 2	0 23	19 46	0 27	21 3	0 9	6 50	0 49	21 4
T 15	11 7	15 26	3 47	8 59	3 41	17 29	0 55	2 18	0 23	19 44	0 28	21 2	0 9	6 51	0 49	21 4
F 16	10 46	20 13	4 29	9 30	3 26	17 10	0 57	2 34	0 22	19 41	0 28	21 1	0 9	6 52	0 49	21 4
S 17	10 25	24 3	4 58	10 0	3 10	16 49	0 59	2 50	0 21	19 38	0 28	21 0	0 9	6 53	0 49	21 4
S 18	10 4	26 48	5 14	10 29	2 52	16 28	1 1	3 6	0 21	19 35	0 28	20 58	0 9	6 54	0 49	21 4
M19	9 43	28 20	5 15	10 57	2 34	16 7	1 3	3 22	0 20	19 32	0 28	20 57	0 9	6 55	0 49	21 5
T 20	9 22	28 33	5 4	11 23	2 15	15 45	1 4	3 39	0 19	19 29	0 28	20 56	0 9	6 56	0 49	21 5
W21	9 0	27 27	4 39	11 47	1 56	15 23	1 6	3 55	0 19	19 26	0 28	20 55	0 10	6 56	0 49	21 5
T 22	8 38	25 4	4 1	12 8	1 37	15 0	1 7	4 11	0 18	19 24	0 28	20 54	0 10	6 57	0 49	21 5
F 23	8 16	21 31	3 13	12 26	1 18	14 37	1 9	4 27	0 17	19 21	0 29	20 52	0 10	6 58	0 49	21 5
S 24	7 54	16 57	2 14	12 41	0 59	14 13	1 10	4 43	0 17	19 18	0 29	20 51	0 10	6 59	0 49	21 6
S 25	7 32	11 36	1 8	12 52	0 41	13 49	1 12	4 59	0 16	19 15	0 29	20 50	0 10	7 0	0 49	21 6
M26	7 10	5 39	0n 3	12 59	0 24	13 25	1 13	5 15	0 15	19 12	0 29	20 49	0 10	7 1	0 49	21 6
T 27	6 48	0n38	1 15	13 3	0 7	13 0	1 14	5 31	0 15	19 9	0 29	20 48	0 10	7 2	0 49	21 6
W28	6 25	7 0	2 24	13 3	0n 9	12 35	1 16	5 47	0 14	19 6	0 29	20 47	0 10	7 3	0 49	21 6
T 29	6 3	13 9	3 26	12 59	0 23	12 9	1 17	6 3	0 13	19 4	0 29	20 45	0 10	7 4	0 49	21 7
F 30	5 40	18 45	4 18	12 51	0 37	11 44	1 18	6 19	0 13	19 1	0 29	20 44	0 11	7 5	0 49	21 7
S 31	5n17	23n25	4n55	12n39	0n49	11n18	1n19	6s35	0n12	18n58	0n30	20n43	0n11	7s 6	0s49	21s 7

Julian Day Number = 2270606.5, Delta T = 281.66 sec
Ecliptic obliquity = 23°30'22, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°49'40, Lahiri = 16°56'41 Julian Calendar 1 Aug. 1504 == Greg. Calendar 11 Aug. 1504

ASTRODIENST EPHEMERIS for the year 1504

geocentric

SEPTEMBER 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	23 17 53	17 ^h 36'50	7 ^h 28	0 ^h 8	5 ^h 15	17 ^h 52	7 ^h 32	28 ^h 28	13 ^h R52	23 ^h R21	2 ^h 35	15 ^h R 4	14 ^h 50	29 ^h 26	9 ^h 45	S 1
M 2	23 21 50	18 ^h 35'26	21 ^h 39	1 ^h 28	6 ^h 29	18 ^h 32	7 ^h 44	28 ^h 34	13 ^h 49	23 ^h 21	2 ^h 36	15 ^h D 4	14 ^h 47	29 ^h 32	9 ^h 51	M 2
T 3	23 25 47	19 ^h 34'05	5 ^h 54	2 ^h 52	7 ^h 44	19 ^h 12	7 ^h 55	28 ^h 40	13 ^h 47	23 ^h 20	2 ^h 37	15 ^h 4	14 ^h 43	29 ^h 39	9 ^h 58	T 3
W 4	23 29 43	20 ^h 32'46	20 ^h 10	4 ^h 22	8 ^h 58	19 ^h 53	8 ^h 7	28 ^h 45	13 ^h 45	23 ^h 19	2 ^h 38	15 ^h 4	14 ^h 40	29 ^h 46	10 ^h 5	W 4
T 5	23 33 40	21 ^h 31'28	4 ^h 25	5 ^h 55	10 ^h 13	20 ^h 33	8 ^h 18	28 ^h 51	13 ^h 42	23 ^h 19	2 ^h 39	15 ^h 5	14 ^h 37	29 ^h 53	10 ^h 11	T 5
F 6	23 37 36	22 ^h 30'13	18 ^h 34	7 ^h 32	11 ^h 27	21 ^h 13	8 ^h 29	28 ^h 57	13 ^h 40	23 ^h 18	2 ^h 40	15 ^h 5	14 ^h 34	29 ^h 59	10 ^h 17	F 6
S 7	23 41 33	23 ^h 29'01	2 ^h 35	9 ^h 11	12 ^h 42	21 ^h 54	8 ^h 40	29 ^h 2	13 ^h 37	23 ^h 17	2 ^h 41	15 ^h 6	14 ^h 31	0 ^h 3 6	10 ^h 24	S 7
S 8	23 45 29	24 ^h 27'50	16 ^h 24	10 ^h 54	13 ^h 57	22 ^h 34	8 ^h 51	29 ^h 8	13 ^h 35	23 ^h 17	2 ^h 42	15 ^h R 6	14 ^h 28	0 ^h 13	10 ^h 30	S 8
M 9	23 49 26	25 ^h 26'41	29 ^h 59	12 ^h 38	15 ^h 11	23 ^h 15	9 ^h 2	29 ^h 13	13 ^h 33	23 ^h 16	2 ^h 43	15 ^h 6	14 ^h 24	0 ^h 19	10 ^h 36	M 9
T 10	23 53 22	26 ^h 25'34	13 ^h 16	14 ^h 23	16 ^h 26	23 ^h 55	9 ^h 13	29 ^h 19	13 ^h 30	23 ^h 16	2 ^h 44	15 ^h 5	14 ^h 21	0 ^h 26	10 ^h 43	T 10
W11	23 57 19	27 ^h 24'30	26 ^h 16	16 ^h 10	17 ^h 41	24 ^h 36	9 ^h 24	29 ^h 24	13 ^h 28	23 ^h 15	2 ^h 45	15 ^h 4	14 ^h 18	0 ^h 33	10 ^h 49	W11
T 12	0 1 16	28 ^h 23'27	8 ^h 58	17 ^h 58	18 ^h 56	25 ^h 17	9 ^h 35	29 ^h 29	13 ^h 26	23 ^h 15	2 ^h 47	15 ^h 2	14 ^h 15	0 ^h 40	10 ^h 55	T 12
F 13	0 5 12	29 ^h 22'26	21 ^h 23	19 ^h 46	20 ^h 10	25 ^h 58	9 ^h 45	29 ^h 35	13 ^h 23	23 ^h 14	2 ^h 48	15 ^h 0	14 ^h 12	0 ^h 46	11 ^h 1	F 13
S 14	0 9 9	0 ^h 21'27	3 ^h 34	21 ^h 34	21 ^h 25	26 ^h 39	9 ^h 56	29 ^h 40	13 ^h 21	23 ^h 14	2 ^h 49	14 ^h 58	14 ^h 8	0 ^h 53	11 ^h 7	S 14
S 15	0 13 5	1 ^h 20'30	15 ^h 35	23 ^h 22	22 ^h 40	27 ^h 20	10 ^h 7	29 ^h 45	13 ^h 19	23 ^h 13	2 ^h 51	14 ^h 56	14 ^h 5	1 ^h 0	11 ^h 13	S 15
M16	0 17 2	2 ^h 19'34	27 ^h 30	25 ^h 11	23 ^h 55	28 ^h 1	10 ^h 17	29 ^h 50	13 ^h 17	23 ^h 13	2 ^h 52	14 ^h D56	14 ^h 2	1 ^h 6	11 ^h 18	M16
T 17	0 20 58	3 ^h 18'40	9 ^h 22	26 ^h 59	25 ^h 10	28 ^h 42	10 ^h 27	29 ^h 55	13 ^h 14	23 ^h 13	2 ^h 53	14 ^h 56	13 ^h 59	1 ^h 13	11 ^h 24	T 17
W18	0 24 55	4 ^h 17'49	21 ^h 18	28 ^h 47	26 ^h 25	29 ^h 23	10 ^h 37	29 ^h 59	13 ^h 12	23 ^h 13	2 ^h 55	14 ^h 56	13 ^h 56	1 ^h 20	11 ^h 30	W18
T 19	0 28 51	5 ^h 16'59	3 ^h 21	0 ^h 34	27 ^h 40	0 ^h 4 4	10 ^h 48	0 ^h 4 4	13 ^h 10	23 ^h 12	2 ^h 56	14 ^h 58	13 ^h 53	1 ^h 27	11 ^h 36	T 19
F 20	0 32 48	6 ^h 16'10	15 ^h 36	2 ^h 21	28 ^h 54	0 ^h 45	10 ^h 58	0 ^h 9	13 ^h 8	23 ^h 12	2 ^h 58	14 ^h 59	13 ^h 49	1 ^h 33	11 ^h 41	F 20
S 21	0 36 45	7 ^h 15'24	28 ^h 6	4 ^h 7	0 ^h 9	1 ^h 26	11 ^h 7	0 ^h 13	13 ^h 6	23 ^h 12	2 ^h 59	15 ^h 1	13 ^h 46	1 ^h 40	11 ^h 47	S 21
S 22	0 40 41	8 ^h 14'39	10 ^h 56	5 ^h 52	1 ^h 24	2 ^h 8	11 ^h 17	0 ^h 18	13 ^h 4	23 ^h 12	3 ^h 1	15 ^h R 2	13 ^h 43	1 ^h 47	11 ^h 52	S 22
M23	0 44 38	9 ^h 13'56	24 ^h 5	7 ^h 37	2 ^h 39	2 ^h 49	11 ^h 27	0 ^h 22	13 ^h 2	23 ^h 12	3 ^h 2	15 ^h 1	13 ^h 40	1 ^h 53	11 ^h 58	M23
T 24	0 48 34	10 ^h 13'16	7 ^h 35	9 ^h 21	3 ^h 54	3 ^h 31	11 ^h 37	0 ^h 26	13 ^h 0	23 ^h 12	3 ^h 4	15 ^h 0	13 ^h 37	2 ^h 0	12 ^h 3	T 24
W25	0 52 31	11 ^h 12'37	21 ^h 23	11 ^h 5	5 ^h 9	4 ^h 12	11 ^h 46	0 ^h 30	12 ^h 57	23 ^h 12	3 ^h 5	14 ^h 57	13 ^h 34	2 ^h 7	12 ^h 8	W25
T 26	0 56 27	12 ^h 12'00	5 ^h 26	12 ^h 48	6 ^h 24	4 ^h 54	11 ^h 55	0 ^h 34	12 ^h 55	23 ^h D12	3 ^h 7	14 ^h 54	13 ^h 30	2 ^h 14	12 ^h 13	T 26
F 27	1 0 24	13 ^h 11'26	19 ^h 41	14 ^h 30	7 ^h 39	5 ^h 36	12 ^h 5	0 ^h 38	12 ^h 54	23 ^h 12	3 ^h 9	14 ^h 49	13 ^h 27	2 ^h 20	12 ^h 18	F 27
S 28	1 4 20	14 ^h 10'54	4 ^h 2 2	16 ^h 11	8 ^h 55	6 ^h 17	12 ^h 14	0 ^h 42	12 ^h 52	23 ^h 12	3 ^h 10	14 ^h 45	13 ^h 24	2 ^h 27	12 ^h 23	S 28
S 29	1 8 17	15 ^h 10'24	18 ^h 24	17 ^h 52	10 ^h 10	6 ^h 59	12 ^h 23	0 ^h 46	12 ^h 50	23 ^h 12	3 ^h 12	14 ^h 42	13 ^h 21	2 ^h 34	12 ^h 28	S 29
M30	1 12 14	16 ^h 9'57	2 ^h 43	19 ^h 32	11 ^h 25	7 ^h 41	12 ^h 32	0 ^h 50	12 ^h 58	23 ^h 12	3 ^h 14	14 ^h 40	13 ^h 18	2 ^h 30	12 ^h 33	M30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n54	26n47	5n14	12n24	1n 1	10n51	1n20	6s51	0n12	18n55	0n30	20n42	0n11	7s 7	0s49	21s 7	0n22	9s59	10n57	5s54	5s59	28s29	11n47	6s17			
M 2	4 32	28 29	5 15	12 5	1 11	10 24	1 21	7 7	0 11	18 52	0 30	20 41	0 11	7 8	0 49	21 7	0 22	9 59	10 57	5 54	6 1	28 29	11 45	6 18			
T 3	4 8	28 18	4 56	11 43	1 20	9 57	1 22	7 23	0 10	18 49	0 30	20 40	0 11	7 9	0 49	21 7	0 22	10 0	10 56	5 54	6 2	28 29	11 43	6 18			
W 4	3 45	26 16	4 19	11 18	1 27	9 30	1 22	7 39	0 10	18 47	0 30	20 39	0 11	7 9	0 49	21 7	0 22	10 1	10 56	5 54	6 3	28 28	11 41	6 18			
T 5	3 22	22 33	3 27	10 49	1 34	9 2	1 23	7 55	0 9	18 44	0 30	20 38	0 11	7 10	0 49	21 8	0 22	10 1	10 56	5 54	6 4	28 28	11 39	6 19			
F 6	2 59	17 33	2 22	10 18	1 40	8 35	1 24	8 10	0 8	18 41	0 30	20 37	0 11	7 11	0 49	21 8	0 22	10 2	10 55	5 53	6 6	28 28	11 37	6 19			
S 7	2 36	11 39	1 9	9 45	1 44	8 6	1 24	8 26	0 8	18 38	0 31	20 36	0 11	7 12	0 49	21 8	0 22	10 3	10 55	5 53	6 7	28 28	11 35	6 20			
S 8	2 12	5 16	0s 7	9 9	1 47	7 38	1 25	8 42	0 7	18 35	0 31	20 35	0 11	7 13	0 49	21 8	0 22	10 3	10 54	5 53	6 8	28 28	11 33	6 20			
M 9	1 49	1s14	1 21	8 32	1 50	7 10	1 25	8 58	0 6	18 33	0 31	20 34	0 12	7 14	0 49	21 8	0 22	10 4	10 54	5 53	6 9	28 27	11 31	6 20			
T 10	1 25	7 33	2 30	7 53	1 52	6 41	1 26	9 13	0 6	18 30	0 31	20 33	0 12	7 15	0 49	21 8	0 22	10 4	10 53	5 54	6 11	28 27	11 29	6 21			
W11	1 2	13 24	3 28	7 12	1 52	6 12	1 26	9 29	0 5	18 27	0 31	20 32	0 12	7 16	0 48	21 8	0 22	10 5	10 53	5 54	6 12	28 27	11 27	6 21			
T 12	0 38	18 33	4 15	6 30	1 52	5 43	1 26	9 44	0 4	18 24	0 31	20 31	0 12	7 17	0 48	21 8	0 22	10 6	10 53	5 55	6 13	28 26	11 25	6 21			
F 13	0 15	22 48	4 49	5 47	1 52	5 13	1 26	10 0	0 4	18 22	0 32	20 30	0 12	7 18	0 48	21 9	0 22	10 6	10 52	5 56	6 14	28 26	11 23	6 22			
S 14	0s 9	25 59	5 9	5 3	1 50	4 44	1 26	10 15	0 3	18 19	0 32	20 29	0 12	7 18	0 48	21 9	0 22	10 7	10 52	5 56	6 15	28 26	11 21	6 22			
S 15	0 32	27 57	5 15	4 18	1 48	4 14	1 26	10 31	0 2	18 16	0 32	20 28	0 12	7 19	0 48	21 9	0 22	10 8	10 51	5 57	6 17	28 26	11 19	6 23			
M16	0 56	28 37	5 8	3 32	1 46	3 45	1 26	10 46	0 2	18 14	0 32	20 27	0 12	7 20	0 48	21 9	0 22	10 8	10 51	5 57	6 18	28 25	11 17	6 23			
T 17	1 19	27 57	4 47	2 46	1 43	3 15	1 26	11 1	0 1	18 11	0 32	20 26	0 12	7 21	0 48	21 9	0 22	10 9	10 51	5 57	6 19	28 25	11 15	6 24			
W18	1 43	26 0	4 14	2 0	1 39	2 45	1 26	11 17	0 0	18 8	0 32	20 25	0 13	7 22	0 48	21 9	0 22	10 9	10 50	5 57	6 20	28 25	11 13	6 24			
T 19	2 6	22 52	3 30	1 14	1 35	2 15	1 26	11 32	0s 0	18 6	0 32	20 24	0 13	7 23	0 48	21 9	0 22	10 10	10 50	5 56	6 22	28 24	11 11	6 25			
F 20	2 30	18 40	2 35	0 27	1 31	1 45	1 26	11 47	0 1	18 3	0 33	20 23	0 13	7 23	0 48	21 9	0 22	10 11	10 49	5 56	6 23	28 24	11 9	6 25			
S 21	2 53	13 36	1 32	0s19	1 26	1 14	1 25	12 2	0 1	18 1	0 33	20 22	0 13	7 24	0 48	21 9	0 22	10 11	10 49	5 55	6 24	28 24	11 7	6 26			
S 22	3 17	7 50	0 23	1 6	1 21	0 44	1 25	12 17	0 2	17 58	0 33	20 21	0 13	7 25	0 48	21 9	0 22	10 12	10 49	5 55	6 25	28 23	11 6	6 26			
M23	3 40	1 36	0n50	1 52	1 16	0 14	1 24	12 32	0 3	17 56	0 33	20 21	0 13	7 26	0 48	21 9	0 22	10 13	10 48	5 55	6 26	28 23	11 4	6 26			
T 24	4 4	4n52	2 1	2 38	1 11	0s17	1 24	12 46	0 3	17 53	0 33	20 20	0 13	7 27	0 48	21 9	0 22	10 13	10 48	5 56	6 28	28 22	11 2	6 27			
W25	4 27	11 14	3 6	3 24	1 5	0 47	1 23	13 1	0 4	17 51	0 33	20 19	0 13	7 27	0 48	21 9	0 21	10 14	10 48	5 57	6 29	28 22	11 0	6 27			
T 26	4 50	17 10	4 2	4 10	0 59	1 17	1 23	13 16	0 5	17 48	0 34	20 18	0 13	7 28	0 48	21 9	0 21	10 15	10 47	5 58	6 30	28 22	10 58	6 28			
F 27	5 13	22 14	4 43	4 55	0 53	1 48	1 22	13 30	0 5	17 46	0 34	20 17	0 14	7 29	0 48	21 9	0 21	10 15	10 47	6 0	6 31	28 21	10 56	6 29			
S 28	5 36	26 2	5 7	5 40	0 57	2 18	1 21	13 45	0 6	17 43	0 34	20 17	0 14	7 30	0 48	21 9	0 21	10 16	10 46	6 1	6 33	28 21	10 54	6 29			
S 29	6 0	28 10	5 12	6 24	0 40	2 48	1 20	13 59	0 7	17 41	0 34	20 16	0 14	7 30	0 48	21 9	0 21	10 17	10 46	6 2	6 34	28 20	10 52	6 30			
M30	6s23	28n26	4n57	7s 8	0n34	3s19	1n19	14s13	0s 7	17n38	0n34	20n15	0n14	7s31	0s48	21s 9	0n21	10s17	10n46	6s 3	6s35	28s20	10n50	6s30			

ASTRODIENST EPHEMERIS for the year 1504
geocentric

OCTOBER 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	1 16 10	17 [♈] 9'32	16 [♊] 55	21 [♈] 11	12 [♈] 40	8 [♈] 23	12 [♈] 41	0 [♈] 54	12 [♈] R46	23 [♈] 12	3 [♈] 16	14 [♈] D39	13 [♈] 14	2 [♈] 47	12 [♈] 38	T 1
W 2	1 20 7	18 [♈] 9'10	1 [♈] 0	22 [♈] 50	13 [♈] 55	9 [♈] 5	12 [♈] 49	0 [♈] 57	12 [♈] 44	23 [♈] 12	3 [♈] 17	14 [♈] 40	13 [♈] 11	2 [♈] 54	12 [♈] 43	W 2
T 3	1 24 3	19 [♈] 8'49	14 [♈] 54	24 [♈] 28	15 [♈] 10	9 [♈] 47	12 [♈] 58	1 [♈] 1	12 [♈] 42	23 [♈] 12	3 [♈] 19	14 [♈] 41	13 [♈] 8	3 [♈] 1	12 [♈] 47	T 3
F 4	1 28 0	20 [♈] 8'31	28 [♈] 39	26 [♈] 5	16 [♈] 25	10 [♈] 29	13 [♈] 7	1 [♈] 4	12 [♈] 40	23 [♈] 13	3 [♈] 21	14 [♈] 43	13 [♈] 5	3 [♈] 7	12 [♈] 52	F 4
S 5	1 31 56	21 [♈] 8'15	12 [♈] 13	27 [♈] 42	17 [♈] 41	11 [♈] 11	13 [♈] 15	1 [♈] 7	12 [♈] 39	23 [♈] 13	3 [♈] 23	14 [♈] R43	13 [♈] 2	3 [♈] 14	12 [♈] 56	S 5
S 6	1 35 53	22 [♈] 8'01	25 [♈] 36	29 [♈] 18	18 [♈] 56	11 [♈] 53	13 [♈] 23	1 [♈] 10	12 [♈] 37	23 [♈] 13	3 [♈] 25	14 [♈] 43	12 [♈] 59	3 [♈] 21	13 [♈] 1	S 6
M 7	1 39 49	23 [♈] 7'50	8 [♈] 47	0 [♈] 54	20 [♈] 11	12 [♈] 36	13 [♈] 31	1 [♈] 13	12 [♈] 35	23 [♈] 14	3 [♈] 26	14 [♈] 41	12 [♈] 55	3 [♈] 27	13 [♈] 5	M 7
T 8	1 43 46	24 [♈] 7'40	21 [♈] 46	2 [♈] 29	21 [♈] 26	13 [♈] 18	13 [♈] 39	1 [♈] 16	12 [♈] 34	23 [♈] 14	3 [♈] 28	14 [♈] 36	12 [♈] 52	3 [♈] 34	13 [♈] 9	T 8
W 9	1 47 43	25 [♈] 7'33	4 [♈] 32	4 [♈] 4	22 [♈] 41	14 [♈] 0	13 [♈] 47	1 [♈] 19	12 [♈] 32	23 [♈] 15	3 [♈] 30	14 [♈] 30	12 [♈] 49	3 [♈] 41	13 [♈] 13	W 9
T 10	1 51 39	26 [♈] 7'27	17 [♈] 4	5 [♈] 38	23 [♈] 57	14 [♈] 43	13 [♈] 55	1 [♈] 22	12 [♈] 31	23 [♈] 15	3 [♈] 32	14 [♈] 22	12 [♈] 46	3 [♈] 48	13 [♈] 18	T 10
F 11	1 55 36	27 [♈] 7'23	29 [♈] 24	7 [♈] 11	25 [♈] 12	15 [♈] 25	14 [♈] 2	1 [♈] 25	12 [♈] 29	23 [♈] 15	3 [♈] 34	14 [♈] 14	12 [♈] 43	3 [♈] 54	13 [♈] 21	F 11
S 12	1 59 32	28 [♈] 7'22	11 [♈] 32	8 [♈] 44	26 [♈] 27	16 [♈] 8	14 [♈] 10	1 [♈] 27	12 [♈] 28	23 [♈] 16	3 [♈] 36	14 [♈] 6	12 [♈] 39	4 [♈] 1	13 [♈] 25	S 12
S 13	2 3 29	29 [♈] 7'21	23 [♈] 32	10 [♈] 17	27 [♈] 43	16 [♈] 51	14 [♈] 17	1 [♈] 30	12 [♈] 26	23 [♈] 17	3 [♈] 38	14 [♈] 0	12 [♈] 36	4 [♈] 8	13 [♈] 29	S 13
M14	2 7 25	0 [♈] 7'23	5 [♈] 34	11 [♈] 49	28 [♈] 58	17 [♈] 33	14 [♈] 24	1 [♈] 32	12 [♈] 25	23 [♈] 17	3 [♈] 40	13 [♈] 54	12 [♈] 33	4 [♈] 14	13 [♈] 33	M14
T 15	2 11 22	1 [♈] 7'26	17 [♈] 15	13 [♈] 21	0 [♈] 13	18 [♈] 16	14 [♈] 31	1 [♈] 34	12 [♈] 23	23 [♈] 18	3 [♈] 42	13 [♈] 51	12 [♈] 30	4 [♈] 21	13 [♈] 36	T 15
W16	2 15 18	2 [♈] 7'31	29 [♈] 8	14 [♈] 52	1 [♈] 28	18 [♈] 59	14 [♈] 38	1 [♈] 36	12 [♈] 22	23 [♈] 18	3 [♈] 44	13 [♈] D50	12 [♈] 27	4 [♈] 28	13 [♈] 40	W16
T 17	2 19 15	3 [♈] 7'38	11 [♈] 8	16 [♈] 23	2 [♈] 44	19 [♈] 42	14 [♈] 45	1 [♈] 38	12 [♈] 21	23 [♈] 19	3 [♈] 46	13 [♈] 50	12 [♈] 24	4 [♈] 35	13 [♈] 43	T 17
F 18	2 23 12	4 [♈] 7'46	23 [♈] 21	17 [♈] 53	3 [♈] 59	20 [♈] 25	14 [♈] 51	1 [♈] 40	12 [♈] 20	23 [♈] 20	3 [♈] 48	13 [♈] 51	12 [♈] 20	4 [♈] 41	13 [♈] 47	F 18
S 19	2 27 8	5 [♈] 7'55	5 [♈] 51	19 [♈] 23	5 [♈] 14	21 [♈] 8	14 [♈] 58	1 [♈] 42	12 [♈] 18	23 [♈] 21	3 [♈] 51	13 [♈] 52	12 [♈] 17	4 [♈] 48	13 [♈] 50	S 19
S 20	2 31 5	6 [♈] 8'06	18 [♈] 43	20 [♈] 52	6 [♈] 30	21 [♈] 51	15 [♈] 4	1 [♈] 44	12 [♈] 17	23 [♈] 21	3 [♈] 53	13 [♈] R53	12 [♈] 14	4 [♈] 55	13 [♈] 53	S 20
M21	2 35 1	7 [♈] 8'19	2 [♈] 0	22 [♈] 21	7 [♈] 45	22 [♈] 34	15 [♈] 10	1 [♈] 45	12 [♈] 16	23 [♈] 22	3 [♈] 55	13 [♈] 51	12 [♈] 11	5 [♈] 1	13 [♈] 56	M21
T 22	2 38 58	8 [♈] 8'33	15 [♈] 43	23 [♈] 49	9 [♈] 0	23 [♈] 17	15 [♈] 16	1 [♈] 47	12 [♈] 15	23 [♈] 23	3 [♈] 57	13 [♈] 47	12 [♈] 8	5 [♈] 8	13 [♈] 59	T 22
W23	2 42 54	9 [♈] 8'49	29 [♈] 51	25 [♈] 17	10 [♈] 16	24 [♈] 0	15 [♈] 22	1 [♈] 48	12 [♈] 14	23 [♈] 24	3 [♈] 59	13 [♈] 41	12 [♈] 5	5 [♈] 15	14 [♈] 2	W23
T 24	2 46 51	10 [♈] 9'07	14 [♈] 20	26 [♈] 44	11 [♈] 31	24 [♈] 44	15 [♈] 27	1 [♈] 49	12 [♈] 13	23 [♈] 25	4 [♈] 1	13 [♈] 33	12 [♈] 1	5 [♈] 22	14 [♈] 5	T 24
F 25	2 50 47	11 [♈] 9'26	29 [♈] 3	28 [♈] 11	12 [♈] 46	25 [♈] 27	15 [♈] 33	1 [♈] 50	12 [♈] 12	23 [♈] 26	4 [♈] 3	13 [♈] 23	11 [♈] 58	5 [♈] 28	14 [♈] 7	F 25
S 26	2 54 44	12 [♈] 9'48	13 [♈] 53	29 [♈] 37	14 [♈] 2	26 [♈] 10	15 [♈] 38	1 [♈] 51	12 [♈] 11	23 [♈] 27	4 [♈] 6	13 [♈] 14	11 [♈] 55	5 [♈] 35	14 [♈] 10	S 26
S 27	2 58 41	13 [♈] 10'11	28 [♈] 40	1 [♈] 3	15 [♈] 17	26 [♈] 54	15 [♈] 43	1 [♈] 52	12 [♈] 11	23 [♈] 28	4 [♈] 8	13 [♈] 6	11 [♈] 52	5 [♈] 42	14 [♈] 12	S 27
M28	3 2 37	14 [♈] 10'36	13 [♈] 18	2 [♈] 28	16 [♈] 32	27 [♈] 37	15 [♈] 48	1 [♈] 53	12 [♈] 10	23 [♈] 29	4 [♈] 10	13 [♈] 0	11 [♈] 49	5 [♈] 48	14 [♈] 15	M28
T 29	3 6 34	15 [♈] 11'03	27 [♈] 42	3 [♈] 52	17 [♈] 48	28 [♈] 21	15 [♈] 53	1 [♈] 54	12 [♈] 9	23 [♈] 30	4 [♈] 12	12 [♈] 56	11 [♈] 45	5 [♈] 55	14 [♈] 17	T 29
W30	3 10 30	16 [♈] 11'32	11 [♈] 48	5 [♈] 15	19 [♈] 3	29 [♈] 4	15 [♈] 58	1 [♈] 54	12 [♈] 8	23 [♈] 31	4 [♈] 14	12 [♈] D55	11 [♈] 42	6 [♈] 2	14 [♈] 19	W30
T 31	3 14 27	17 [♈] 12'03	25 [♈] 35	6 [♈] 37	20 [♈] 18	29 [♈] 18	16 [♈] 2	1 [♈] 55	12 [♈] 8	23 [♈] 32	4 [♈] 17	12 [♈] 55	11 [♈] 39	6 [♈] 9	14 [♈] 21	T 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	decl	lat	
T 1	6s45	26n48	4n24	7s52	0n27	3s49	1n18	14s28	0s 8	17n36	0n35	20n15	0n14	7s32	0s48	21s 9	0n21	10s18	10n45	6s 4	6s36	28s20	10n49	6s31		
W 2	7 8	23 30	3 36	8 35	0 21	4 19	1 17	14 42	0 8	17 34	0 35	20 14	0 14	7 32	0 48	21 9	0 21	10 19	10 45	6 3	6 37	28 19	10 47	6 31		
T 3	7 31	18 53	2 35	9 17	0 14	4 49	1 16	14 56	0 9	17 32	0 35	20 13	0 14	7 33	0 48	21 9	0 21	10 19	10 45	6 3	6 39	28 19	10 45	6 32		
F 4	7 54	13 20	1 26	9 59	0 7	5 19	1 15	15 10	0 10	17 29	0 35	20 13	0 14	7 34	0 48	21 9	0 21	10 20	10 44	6 2	6 40	28 18	10 43	6 32		
S 5	8 16	7 12	0 14	10 41	0 1	5 49	1 14	15 23	0 10	17 27	0 35	20 12	0 15	7 34	0 48	21 9	0 21	10 21	10 44	6 2	6 41	28 18	10 41	6 33		
S 6	8 39	0 51	0s59	11 21	0s 6	6 19	1 12	15 37	0 11	17 25	0 35	20 12	0 15	7 35	0 48	21 9	0 21	10 21	10 44	6 2	6 42	28 17	10 40	6 33		
M 7	9 1	5s26	2 7	12 1	0 13	6 49	1 11	15 51	0 12	17 23	0 36	20 11	0 15	7 36	0 48	21 9	0 21	10 22	10 43	6 3	6 44	28 17	10 38	6 34		
T 8	9 23	11 24	3 7	12 41	0 20	7 18	1 10	16 4	0 12	17 21	0 36	20 10	0 15	7 36	0 48	21 9	0 21	10 22	10 43	6 5	6 45	28 16	10 36	6 35		
W 9	9 45	16 47	3 57	13 20	0 27	7 48	1 8	16 17	0 13	17 19	0 36	20 10	0 15	7 37	0 48	21 9	0 21	10 23	10 43	6 7	6 46	28 16	10 35	6 35		
T 10	10 7	21 21	4 34	13 58	0 33	8 17	1 7	16 31	0 13	17 17	0 36	20 9	0 15	7 37	0 48	21 9	0 21	10 24	10 43	6 10	6 47	28 15	10 33	6 36		
F 11	10 29	24 55	4 58	14 35	0 40	8 46	1 5	16 44	0 14	17 15	0 36	20 9	0 15	7 38	0 48	21 9	0 21	10 24	10 42	6 13	6 48	28 15	10 31	6 36		
S 12	10 50	27 18	5 8	15 11	0 47	9 15	1 4	16 57	0 15	17 13	0 37	20 9	0 15	7 38	0 48	21 9	0 21	10 25	10 42	6 16	6 50	28 14	10 29	6 37		
S 13	11 12	28 24	5 4	15 47	0 53	9 43	1 2	17 9	0 15	17 11	0 37	20 8	0 16	7 39	0 48	21 9	0 21	10 26	10 42	6 19	6 51	28 14	10 28	6 38		
M14	11 33	28 10	4 47	16 22	1 0	10 12	1 0	17 22	0 16	17 9	0 37	20 8	0 16	7 39	0 48	21 9	0 21	10 26	10 41	6 21	6 52	28 13	10 26	6 38		
T 15	11 54	26 39	4 18	16 56	1 6	10 40	0 59	17 35	0 16	17 7	0 37	20 7	0 16	7 40	0 48	21 9	0 21	10 27	10 41	6 22	6 53	28 13	10 25	6 39		
W16	12 15	23 56	3 37	17 29	1 12	11 8	0 57	17 47	0 17	17 5	0 37	20 7	0 16	7 40	0 48	21 9	0 21	10 28	10 41	6 23	6 55	28 12	10 23	6 39		
T 17	12 35	20 9	2 47	18 2	1 18	11 35	0 55	17 59	0 18	17 3	0 38	20 7	0 16	7 41	0 48	21 8	0 21	10 28	10 41	6 22	6 56	28 11	10 22	6 40		
F 18	12 56	15 29	1 48	18 33	1 24	12 3	0 53	18 12	0 18	17 2	0 38	20 6	0 16	7 41	0 48	21 8	0 21	10 29	10 40	6 22	6 57	28 11	10 20	6 41		
S 19	13 16	10 3	0 43	19 4	1 30	12 30	0 51	18 24	0 19	17 0	0 38	20 6	0 16	7 42	0 48	21 8	0 21	10 29	10 40	6 22	6 58	28 10	10 18	6 41		
S 20	13 36	4 5	0n26	19 34	1 36	12 57	0 50	18 35	0 19	16 58	0 38	20 6	0 16	7 42	0 48	21 8	0 21	10 30	10 40	6 22	6 59	28 10	10 17	6 42		
M21	13 56	2n16	1 36	20 2	1 41	13 23	0 48	18 47	0 20	16 57	0 38	20 6	0 17	7 42	0 48	21 8	0 21	10 31	10 40	6 22	7 1	28 9	10 16	6 43		
T 22	14 16	8 42	2 42	20 30	1 47	13 49	0 46	18 59	0 21	16 55	0 39	20 5	0 17	7 43	0 47	21 8	0 21	10 31	10 39	6 24	7 2	28 8	10 14	6 43		
W23	14 35	14 53	3 40	20 57	1 52	14 15	0 44	19 10	0 21	16 54	0 39	20 5	0 17	7 43	0 47	21 8	0 21	10 32	10 39	6 26	7 3	28 8	10 13	6 44		
T 24	14 54	20 25	4 26	21 23	2 57	14 40	0 42	19 21	0 22	16 52	0 39	20 5	0 17	7 44	0 47	21 8	0 21	10 32	10 39	6 29	7 4	28 7	10 11	6 45		
F 25	15 13	24 48	4 55	21 47	2 2	15 5	0 39	19 32	0 22	16 51	0 39	20 5	0 17	7 44	0 47	21 7	0 21	10 33	10 39	6 33	7 5	28 7	10 10	6 45		
S 26	15 32	27 34	5 4	22 11	2 6	15 30	0 37	19 43	0 23	16 49	0 40	20 5	0 17	7 44	0 47	21 7	0 21	10 34	10 38	6 36	7 7	28 6	10 9	6 46		
S 27	15 50	28 23	4 53	22 33	2 10	15 54	0 35	19 54	0 24	16 48	0 40	20 5	0 17	7 44	0 47	21 7	0 21	10 34	10 38	6 39	7 8	28 5	10 7	6 47		
M28	16 8	27 12	4 23	22 54	2 14	16 18	0 33	20 5	0 24	16 47	0 40	20 5	0 17	7 45	0 47	21 7	0 21	10 35	10 38	6 42	7 9	28 5	10 6	6 47		
T 29	16 26	24 13	3 37	23 14	2 18	16 42	0 31	20 15	0 25	16 46	0 40	20 5	0 18	7 45	0 47	21 7	0 21	10 35	10 38	6 43	7 10	28 4	10 5	6 48		
W30	16 44	19 49	2 38	23 33	2 21	16 5	0 28	20 25	0 25	16 44	0 40	20 5	0 18	7 45	0 47	21 7	0 21	10 36	10 38	6 44	7 12	28 3	10 3	6 49		
T 31	17s 1	14n27	1n31	23s50	2s24	17s27	0n26	20s35	0s26	16n43	0n41	20n 5	0n18	7s45	0s47	21s 7	0n21	10s37	10n37	6s44	7s13	28s 3	10n 2	6s49		

ASTRODIENST EPHEMERIS for the year 1504
geocentric

NOVEMBER 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	3 18 23	18 ¹¹ 12'35	9 ¹¹ 6	7 ¹¹ 59	21 ¹¹ 34	0 ¹¹ 32	16 ¹¹ 6	1 ¹¹ 55	12 ¹¹ R 7	23 ¹¹ 34	4 ¹¹ 19	12 ¹¹ R56	11 ¹¹ 36	6 ¹¹ 15	14 ¹¹ 23	F 1
S 2	3 22 20	19°13'10	22°20	9°19	22°49	1°16	16°11	1°55	12 ¹¹ 7	23°35	4°21	12 ¹¹ 55	11°33	6°22	14°25	S 2
S 3	3 26 16	20°13'46	5 ¹¹ 22	10°38	24° 5	2° 0	16°14	1°56	12° 6	23°36	4°23	12°53	11°30	6°29	14°26	S 3
M 4	3 30 13	21°14'24	18°11	11°55	25°20	2°44	16°18	1°R56	12° 6	23°37	4°26	12°48	11°26	6°35	14°28	M 4
T 5	3 34 10	22°15'03	0 ¹¹ 50	13°11	26°35	3°28	16°22	1°55	12° 5	23°38	4°28	12°40	11°23	6°42	14°29	T 5
W 6	3 38 6	23°15'44	13°19	14°25	27°51	4°12	16°25	1°55	12° 5	23°40	4°30	12°29	11°20	6°49	14°31	W 6
T 7	3 42 3	24°16'27	25°38	15°37	29° 6	4°56	16°29	1°55	12° 5	23°41	4°33	12°17	11°17	6°56	14°32	T 7
F 8	3 45 59	25°17'11	7 ¹¹ 49	16°46	0 ¹¹ 22	5°40	16°32	1°54	12° 5	23°43	4°35	12° 3	11°14	7° 2	14°33	F 8
S 9	3 49 56	26°17'56	19°52	17°52	1°37	6°24	16°34	1°54	12° 4	23°44	4°37	11°49	11°11	7° 9	14°34	S 9
S 10	3 53 52	27°18'43	1 ¹¹ 37	18°56	2°52	7° 8	16°37	1°53	12° 4	23°45	4°40	11°36	11° 7	7°16	14°35	S 10
M 11	3 57 49	28°19'31	13°38	19°55	4° 8	7°53	16°40	1°52	12° 4	23°47	4°42	11°26	11° 4	7°22	14°36	M 11
T 12	4 1 45	29°20'19	25°27	20°51	5°23	8°37	16°42	1°52	12°D 4	23°48	4°44	11°18	11° 1	7°29	14°37	T 12
W 13	4 5 42	0 ¹¹ 21'09	7 ¹¹ 17	21°42	6°39	9°21	16°44	1°51	12° 4	23°50	4°47	11°14	10°58	7°36	14°37	W 13
T 14	4 9 39	1°22'00	19°14	22°27	7°54	10° 6	16°46	1°49	12° 4	23°51	4°49	11°12	10°55	7°42	14°38	T 14
F 15	4 13 35	2°22'51	1 ¹¹ 22	23° 6	9° 9	10°50	16°48	1°48	12° 5	23°53	4°51	11°D11	10°51	7°49	14°38	F 15
S 16	4 17 32	3°23'44	13°47	23°39	10°25	11°35	16°49	1°47	12° 5	23°55	4°54	11°R11	10°48	7°56	14°39	S 16
S 17	4 21 28	4°24'37	26°34	24° 4	11°40	12°20	16°51	1°45	12° 5	23°56	4°56	11°10	10°45	8° 3	14°39	S 17
M 18	4 25 25	5°25'31	9 ¹¹ 48	24°20	12°56	13° 4	16°52	1°44	12° 5	23°58	4°58	11° 8	10°42	8° 9	14°R39	M 18
T 19	4 29 21	6°26'26	23°31	24°R27	14°11	13°49	16°53	1°42	12° 6	23°59	5° 1	11° 3	10°39	8°16	14°39	T 19
W 20	4 33 18	7°27'22	7 ¹¹ 45	24°24	15°26	14°34	16°53	1°40	12° 6	24° 1	5° 3	10°55	10°36	8°23	14°39	W 20
T 21	4 37 14	8°28'18	22°25	24°10	16°42	15°19	16°54	1°39	12° 6	24° 3	5° 5	10°45	10°32	8°29	14°38	T 21
F 22	4 41 11	9°29'16	7 ¹¹ 26	23°45	17°57	16° 4	16°54	1°37	12° 7	24° 5	5° 7	10°33	10°29	8°36	14°38	F 22
S 23	4 45 8	10°30'14	22°37	23° 9	19°12	16°48	16°R55	1°34	12° 7	24° 6	5°10	10°21	10°26	8°43	14°38	S 23
S 24	4 49 4	11°31'13	7 ¹¹ 34	22°21	20°28	17°33	16°55	1°32	12° 8	24° 8	5°12	10°11	10°23	8°50	14°37	S 24
M 25	4 53 1	12°32'14	22°50	21°23	21°43	18°18	16°54	1°30	12° 9	24°10	5°14	10° 3	10°20	8°56	14°36	M 25
T 26	4 56 57	13°33'15	7 ¹¹ 33	20°15	22°58	19° 4	16°54	1°28	12° 9	24°12	5°17	9°57	10°17	9° 3	14°36	T 26
W 27	5 0 54	14°34'18	21°52	19° 0	24°14	19°49	16°53	1°25	12°10	24°14	5°19	9°54	10°13	9°10	14°35	W 27
T 28	5 4 50	15°35'21	5 ¹¹ 47	17°40	25°29	20°34	16°53	1°23	12°11	24°15	5°21	9°54	10°10	9°16	14°34	T 28
F 29	5 8 47	16°36'25	19°17	16°17	26°45	21°19	16°52	1°20	12°12	24°17	5°24	9°54	10° 7	9°23	14°32	F 29
S 30	5 12 43	17°37'30	2 ¹¹ 25	14°54	28° 0	22° 4	16°50	1°17	12°13	24°19	5°26	9°53	10° 4	9°30	14°31	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	17s18	8n30	0n20	24s 7	2s27	17s49	0n24	20s45	0s26	16n42	0n41	20n 5	0n18	7s46	0s47	21s 6
S 2	17 35	2 17	0s50	24 21	2 29	18 11	0 22	20 55	0 27	16 41	0 41	20 5	0 18	7 46	0 47	21 6
S 3	17 51	3s55	1 56	24 35	2 30	18 32	0 19	21 4	0 28	16 40	0 41	20 5	0 18	7 46	0 47	21 6
M 4	18 7	9 51	2 55	24 47	2 31	18 53	0 17	21 13	0 28	16 39	0 42	20 5	0 18	7 46	0 47	21 6
T 5	18 23	15 18	3 45	24 58	2 32	19 13	0 15	21 22	0 29	16 38	0 42	20 5	0 19	7 46	0 47	21 6
W 6	18 38	20 3	4 23	25 7	2 32	19 32	0 12	21 31	0 29	16 38	0 42	20 5	0 19	7 46	0 47	21 5
T 7	18 54	23 53	4 48	25 14	2 32	19 51	0 10	21 40	0 30	16 37	0 42	20 6	0 19	7 46	0 47	21 5
F 8	19 8	26 36	5 0	25 20	2 30	20 10	0 7	21 49	0 30	16 36	0 42	20 6	0 19	7 46	0 47	21 5
S 9	19 23	28 4	4 57	25 25	2 29	20 28	0 5	21 57	0 31	16 35	0 43	20 6	0 19	7 46	0 47	21 5
S 10	19 37	28 12	4 42	25 28	2 26	20 45	0 3	22 5	0 32	16 35	0 43	20 6	0 19	7 46	0 47	21 4
M 11	19 51	27 2	4 15	25 29	2 22	21 2	0 0	22 13	0 32	16 34	0 43	20 7	0 19	7 46	0 47	21 4
T 12	20 4	24 40	3 37	25 29	2 18	21 18	0s 2	22 20	0 33	16 34	0 43	20 7	0 20	7 46	0 47	21 4
W 13	20 17	21 13	2 49	25 27	2 12	21 33	0 5	22 28	0 33	16 33	0 44	20 7	0 20	7 46	0 47	21 4
T 14	20 29	16 53	1 53	25 23	2 6	21 48	0 7	22 35	0 34	16 33	0 44	20 8	0 20	7 46	0 47	21 4
F 15	20 42	11 49	0 52	25 17	1 58	22 2	0 9	22 42	0 34	16 33	0 44	20 8	0 20	7 46	0 47	21 3
S 16	20 54	6 11	0n14	25 10	1 49	22 16	0 12	22 49	0 35	16 33	0 44	20 9	0 20	7 46	0 47	21 3
S 17	21 5	0 8	1 20	25 1	1 39	22 29	0 14	22 55	0 35	16 32	0 45	20 9	0 20	7 46	0 46	21 3
M 18	21 16	6n 7	2 25	24 50	1 27	22 41	0 17	23 1	0 36	16 32	0 45	20 10	0 20	7 46	0 46	21 2
T 19	21 27	12 18	3 24	24 37	1 14	22 53	0 19	23 7	0 36	16 32	0 45	20 10	0 20	7 46	0 46	21 2
W 20	21 37	18 6	4 12	24 23	1 0	23 4	0 21	23 13	0 37	16 32	0 45	20 11	0 21	7 45	0 46	21 2
T 21	21 47	23 1	4 45	24 6	0 44	23 14	0 24	23 19	0 37	16 32	0 46	20 11	0 21	7 45	0 46	21 2
F 22	21 56	26 32	4 59	23 48	0 26	23 23	0 26	23 24	0 38	16 32	0 46	20 12	0 21	7 45	0 46	21 1
S 23	22 5	28 11	4 53	23 28	0 8	23 32	0 28	23 29	0 39	16 33	0 46	20 12	0 21	7 45	0 46	21 1
S 24	22 14	27 42	4 26	23 6	0n11	23 40	0 31	23 34	0 39	16 33	0 46	20 13	0 21	7 44	0 46	21 1
M 25	22 22	25 12	3 41	22 42	0 31	23 48	0 33	23 39	0 40	16 33	0 46	20 14	0 21	7 44	0 46	21 1
T 26	22 29	21 2	2 42	22 17	0 52	23 54	0 35	23 43	0 40	16 33	0 47	20 14	0 21	7 44	0 46	21 0
W 27	22 37	15 44	1 34	21 51	1 12	24 0	0 37	23 47	0 41	16 34	0 47	20 15	0 22	7 43	0 46	21 0
T 28	22 43	9 45	0 22	21 25	1 31	24 5	0 40	23 51	0 41	16 34	0 47	20 16	0 22	7 43	0 46	21 0
F 29	22 50	3 30	0s49	20 59	1 49	24 10	0 42	23 55	0 42	16 35	0 47	20 16	0 22	7 43	0 46	20 59
S 30	22s56	2s44	1s56	20s34	2n 6	24s14	0s44	23s58	0s42	16n35	0n48	20n17	0n22	7s42	0s46	20s59

Julian Day Number = 2270698.5, Delta T = 281.10 sec

Ecliptic obliquity = 23°30'22, Nutation = 0°00'04, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°49'53, Lahiri = 16°56'54 Julian Calendar 1 Nov. 1504 == Greg. Calendar 11 Nov. 1504

ASTRODIENST EPHEMERIS for the year 1504

geocentric

DECEMBER 1504 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	5 16 40	18°38'37	15°16	13°R35	29°15	22°50	16°R49	1°R14	12°14	24°21	5°28	9°R51	10°1	9°37	14°R30	S 1
M 2	5 20 37	19°39'44	27°51	12°21	0°31	23°35	16°47	1°11	12°15	24°23	5°31	9°45	9°57	9°43	14°28	M 2
T 3	5 24 33	20°40'51	10°15	11°15	1°46	24°21	16°46	1° 8	12°16	24°25	5°33	9°37	9°54	9°50	14°27	T 3
W 4	5 28 30	21°42'00	22°30	10°17	3° 1	25° 6	16°44	1° 5	12°17	24°27	5°35	9°26	9°51	9°57	14°25	W 4
T 5	5 32 26	22°43'09	4°37	9°31	4°17	25°52	16°41	1° 2	12°18	24°29	5°37	9°13	9°48	10° 3	14°24	T 5
F 6	5 36 23	23°44'19	16°38	8°54	5°32	26°37	16°39	0°58	12°19	24°31	5°40	8°58	9°45	10°10	14°22	F 6
S 7	5 40 19	24°45'29	28°34	8°29	6°47	27°23	16°37	0°55	12°21	24°33	5°42	8°44	9°42	10°17	14°20	S 7
S 8	5 44 16	25°46'40	10°36	8°14	8° 3	28° 8	16°34	0°52	12°22	24°35	5°44	8°31	9°38	10°23	14°18	S 8
M 9	5 48 13	26°47'51	22°15	8°D10	9°18	28°54	16°31	0°48	12°23	24°37	5°46	8°20	9°35	10°30	14°16	M 9
T 10	5 52 9	27°49'02	4° 5	8°14	10°33	29°40	16°28	0°44	12°25	24°39	5°49	8°11	9°32	10°37	14°13	T 10
W11	5 56 6	28°50'13	15°56	8°28	11°49	0°26	16°24	0°41	12°26	24°41	5°51	8° 6	9°29	10°44	14°11	W11
T 12	6 0 2	29°51'24	27°54	8°50	13° 4	1°11	16°21	0°37	12°28	24°43	5°53	8° 4	9°26	10°50	14° 8	T 12
F 13	6 3 59	0°52'35	10°1	9°19	14°19	1°57	16°17	0°33	12°29	24°46	5°55	8°D 3	9°23	10°57	14° 6	F 13
S 14	6 7 55	1°53'46	22°22	9°54	15°35	2°43	16°13	0°29	12°31	24°48	5°57	8° 4	9°19	11° 4	14° 3	S 14
S 15	6 11 52	2°54'56	5° 4	10°35	16°50	3°29	16° 9	0°25	12°32	24°50	5°59	8°R 4	9°16	11°10	14° 1	S 15
M16	6 15 48	3°56'07	18°10	11°22	18° 5	4°15	16° 5	0°21	12°34	24°52	6° 1	8° 3	9°13	11°17	13°58	M16
T 17	6 19 45	4°57'17	1°44	12°13	19°20	5° 1	16° 1	0°17	12°36	24°54	6° 4	8° 0	9°10	11°24	13°55	T 17
W18	6 23 42	5°58'27	15°48	13° 8	20°36	5°47	15°56	0°12	12°37	24°56	6° 6	7°54	9° 7	11°30	13°52	W18
T 19	6 27 38	6°59'37	0°22	14° 7	21°51	6°33	15°51	0° 8	12°39	24°58	6° 8	7°47	9° 3	11°37	13°49	T 19
F 20	6 31 35	8° 0'46	15°21	15° 9	23° 6	7°19	15°47	0° 4	12°41	25° 1	6°10	7°37	9° 0	11°44	13°46	F 20
S 21	6 35 31	9° 1'55	0°36	16°14	24°21	8° 6	15°42	29°59	12°43	25° 3	6°12	7°28	8°57	11°51	13°42	S 21
S 22	6 39 28	10° 3'04	15°57	17°21	25°36	8°52	15°36	29°55	12°45	25° 5	6°14	7°19	8°54	11°57	13°39	S 22
M23	6 43 24	11° 4'13	1°13	18°31	26°52	9°38	15°31	29°50	12°47	25° 7	6°16	7°13	8°51	12° 4	13°36	M23
T 24	6 47 21	12° 5'22	16°13	19°43	28° 7	10°24	15°25	29°46	12°49	25°10	6°18	7° 8	8°48	12°11	13°32	T 24
W25	6 51 17	13° 6'30	0°49	20°57	29°22	11°11	15°20	29°41	12°51	25°12	6°20	7°D 7	8°44	12°17	13°29	W25
T 26	6 55 14	14° 7'38	14°58	22°13	0°37	11°57	15°14	29°37	12°53	25°14	6°22	7° 7	8°41	12°24	13°25	T 26
F 27	6 59 11	15° 8'47	28°39	23°30	1°52	12°43	15° 8	29°32	12°55	25°16	6°24	7° 8	8°38	12°31	13°22	F 27
S 28	7 3 7	16° 9'55	11°53	24°49	3° 7	13°30	15° 2	29°27	12°58	25°18	6°26	7°R 8	8°35	12°37	13°18	S 28
S 29	7 7 4	17°11'03	24°44	26° 8	4°22	14°16	14°56	29°23	13° 0	25°21	6°28	7° 8	8°32	12°44	13°14	S 29
M30	7 11 0	18°12'11	7°17	27°29	5°37	15° 3	14°49	29°18	13° 2	25°23	6°29	7° 6	8°29	12°51	13°10	M30
T 31	7 14 57	19°13'18	19°34	28°51	6°52	15°49	14°43	29°13	13° 4	25°25	6°31	7° 2	8°25	12°58	13° 6	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	23s 1	8s43	2s55	20s10	2n21	24s16	0s46	24s 1	0s43	16n36	0n48	20n18	0n22	7s42	0s46	20s59
M 2	23 6	14 14	3 44	19 48	2 33	24 19	0 48	24 4	0 43	16 37	0 48	20 19	0 22	7 42	0 46	20 58
T 3	23 11	19 5	4 22	19 30	2 43	24 20	0 50	24 7	0 44	16 38	0 48	20 19	0 22	7 41	0 46	20 58
W 4	23 15	23 4	4 47	19 14	2 51	24 21	0 53	24 9	0 44	16 38	0 49	20 20	0 22	7 41	0 46	20 58
T 5	23 18	26 1	4 59	19 2	2 56	24 21	0 55	24 11	0 45	16 39	0 49	20 21	0 23	7 40	0 46	20 57
F 6	23 21	27 46	4 57	18 54	2 59	24 20	0 57	24 13	0 45	16 40	0 49	20 22	0 23	7 40	0 46	20 57
S 7	23 24	28 12	4 43	18 48	3 1	24 18	0 58	24 14	0 45	16 41	0 49	20 23	0 23	7 39	0 46	20 57
S 8	23 26	27 20	4 16	18 47	3 0	24 16	1 0	24 15	0 46	16 42	0 50	20 24	0 23	7 39	0 46	20 56
M 9	23 28	25 14	3 37	18 48	2 58	24 13	1 2	24 16	0 46	16 43	0 50	20 25	0 23	7 38	0 46	20 56
T 10	23 29	22 2	2 50	18 52	2 55	24 9	1 4	24 17	0 47	16 45	0 50	20 26	0 23	7 37	0 46	20 56
W11	23 30	17 56	1 55	18 59	2 50	24 4	1 6	24 18	0 47	16 46	0 50	20 27	0 23	7 37	0 46	20 55
T 12	23 30	13 5	0 54	19 7	2 45	23 59	1 8	24 18	0 48	16 47	0 51	20 28	0 24	7 36	0 45	20 55
F 13	23 30	7 41	0n10	19 18	2 38	23 53	1 9	24 18	0 48	16 48	0 51	20 28	0 24	7 36	0 45	20 55
S 14	23 30	1 53	1 16	19 30	2 32	23 46	1 11	24 17	0 49	16 50	0 51	20 29	0 24	7 35	0 45	20 54
S 15	23 28	4n 8	2 19	19 43	2 24	23 39	1 13	24 17	0 49	16 51	0 51	20 30	0 24	7 34	0 45	20 54
M16	23 27	10 10	3 17	19 57	2 16	23 30	1 14	24 16	0 50	16 53	0 52	20 31	0 24	7 34	0 45	20 53
T 17	23 25	15 57	4 6	20 12	2 8	23 21	1 16	24 15	0 50	16 54	0 52	20 32	0 24	7 33	0 45	20 53
W18	23 22	21 7	4 42	20 27	2 0	23 12	1 17	24 13	0 50	16 56	0 52	20 34	0 24	7 32	0 45	20 53
T 19	23 19	25 12	5 2	20 43	1 51	23 1	1 18	24 11	0 51	16 57	0 52	20 35	0 24	7 32	0 45	20 52
F 20	23 16	27 41	5 1	20 58	1 43	22 50	1 20	24 9	0 51	16 59	0 52	20 36	0 25	7 31	0 45	20 52
S 21	23 12	28 10	4 40	21 14	1 34	22 38	1 21	24 7	0 52	17 1	0 53	20 37	0 25	7 30	0 45	20 52
S 22	23 7	26 30	3 58	21 29	1 25	22 26	1 22	24 4	0 52	17 3	0 53	20 38	0 25	7 29	0 45	20 51
M23	23 3	22 52	3 0	21 44	1 16	22 13	1 24	24 2	0 52	17 4	0 53	20 39	0 25	7 28	0 45	20 51
T 24	22 57	17 46	1 50	21 59	1 8	21 59	1 25	23 58	0 53	17 6	0 53	20 40	0 25	7 28	0 45	20 50
W25	22 51	11 44	0 34	22 13	0 59	21 44	1 26	23 55	0 53	17 8	0 54	20 41	0 25	7 27	0 45	20 50
T 26	22 45	5 18	0s42	22 27	0 50	21 29	1 27	23 51	0 54	17 10	0 54	20 42	0 25	7 26	0 45	20 50
F 27	22 39	1s11	1 53	22 39	0 42	21 13	1 28	23 48	0 54	17 12	0 54	20 43	0 25	7 25	0 45	20 49
S 28	22 31	7 24	2 56	22 51	0 33	20 57	1 28	23 43	0 54	17 14	0 54	20 44	0 26	7 24	0 45	20 49
S 29	22 24	13 8	3 48	23 2	0 25	20 40	1 29	23 39	0 55	17 16	0 54	20 45	0 26	7 23	0 45	20 48
M30	22 16	18 11	4 27	23 13	0 16	20 22	1 30	23 34	0 55	17 18	0 55	20 47	0 26	7 22	0 45	20 48
T 31	22s 7	22s23	4s53	23s22	0n 8	20s 4	1s31	23s29	0s56	17n20	0n55	20n48	0n26	7s21	0s45	20s48

Julian Day Number = 2270728.5, Delta T = 280.92 sec

Ecliptic obliquity = 23°30'21", Nutation = 0°00'05", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°49'57", Lahiri = 16°56'58" Julian Calendar 1 Dec. 1504 == Greg. Calendar 11 Dec. 1504