



Astrodienst Ephemeris Tables for the year 1494

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 1494
geocentric

JANUARY 1494 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	7 17 34	19°35'24"	2♉ 6	24°39'29"	24°28'28"	25°22'2	12°R51	29°24'40"	1°14'14"	2°11'11"	9°13'37"	10°R48	11°11'8"	15°11'19"	7°R20	W 1
T 2	7 21 30	20°55'30"	14° 3	26°11'11"	25°41'11"	25°49'11"	12°M48	29°46'11"	1°17'11"	2°14'11"	9°38'11"	10°14'46"	11° 5	15°26'11"	7°19'19"	T 2
F 3	7 25 27	21°56'37"	26°13	27°53'11"	26°55'11"	26°36'11"	12°46'11"	29°52'11"	1°21'11"	2°16'11"	9°39'11"	10°41'11"	11° 2	15°32'11"	7°19'19"	F 3
S 4	7 29 24	22°57'43"	8°14'40"	29°36'11"	28° 8'11"	27°23'11"	12°43'11"	29°59'11"	1°24'11"	2°18'11"	9°40'11"	10°34'11"	10°59'11"	15°39'11"	7°19'19"	S 4
S 5	7 33 20	23°58'48"	21°27'11"	1°19'11"	29°21'11"	28°10'11"	12°40'11"	0°11'11"	1°28'11"	2°20'11"	9°41'11"	10°24'11"	10°56'11"	15°45'11"	7°19'19"	S 5
M 6	7 37 17	24°59'53"	4°36'11"	3° 2'11"	0°11'11"	28°57'11"	12°37'11"	0°11'11"	1°31'11"	2°22'11"	9°42'11"	10°12'11"	10°52'11"	15°52'11"	7°19'19"	M 6
T 7	7 41 13	26° 0'57"	18° 5'11"	4°46'11"	1°47'11"	29°44'11"	12°33'11"	0°18'11"	1°35'11"	2°24'11"	9°43'11"	9°59'11"	10°49'11"	15°59'11"	7°D19'19"	T 7
W 8	7 45 10	27° 2'01"	1°55'11"	6°30'11"	3° 0'11"	0°11'11"	12°30'11"	0°24'11"	1°38'11"	2°27'11"	9°44'11"	9°47'11"	10°46'11"	16° 5'11"	7°19'19"	W 8
T 9	7 49 6	28° 3'03"	15°54'11"	8°13'11"	4°13'11"	1°18'11"	12°26'11"	0°31'11"	1°42'11"	2°29'11"	9°45'11"	9°36'11"	10°43'11"	16°12'11"	7°19'19"	T 9
F 10	7 53 3	29° 4'05"	0°11'11"	9°57'11"	5°26'11"	2° 5'11"	12°22'11"	0°38'11"	1°45'11"	2°31'11"	9°46'11"	9°28'11"	10°40'11"	16°19'11"	7°19'19"	F 10
S 11	7 56 59	0°11'11"	14°21'11"	11°40'11"	6°39'11"	2°52'11"	12°18'11"	0°44'11"	1°49'11"	2°33'11"	9°47'11"	9°23'11"	10°37'11"	16°25'11"	7°19'19"	S 11
S 12	8 0 56	1° 6'04"	28°37'11"	13°23'11"	7°51'11"	3°38'11"	12°13'11"	0°51'11"	1°52'11"	2°35'11"	9°47'11"	9°21'11"	10°33'11"	16°32'11"	7°19'19"	S 12
M13	8 4 53	2° 7'02"	12°11'50"	15° 6'11"	9° 4'11"	4°25'11"	12° 9'11"	0°58'11"	1°56'11"	2°37'11"	9°48'11"	9°D21'11"	10°30'11"	16°39'11"	7°20'11"	M13
T14	8 8 49	3° 7'59"	26°58'11"	16°47'11"	10°17'11"	5°12'11"	12° 4'11"	1° 4'11"	1°59'11"	2°39'11"	9°49'11"	9°R21'11"	10°27'11"	16°45'11"	7°20'11"	T14
W15	8 12 46	4° 8'54"	11°18'11"	18°28'11"	11°29'11"	5°59'11"	12° 0'11"	1°11'11"	2° 3'11"	2°41'11"	9°49'11"	9°21'11"	10°24'11"	16°52'11"	7°21'11"	W15
T16	8 16 42	5° 9'48"	24°57'11"	20° 7'11"	12°42'11"	6°45'11"	11°55'11"	1°18'11"	2° 6'11"	2°43'11"	9°50'11"	9°19'11"	10°21'11"	16°59'11"	7°21'11"	T16
F17	8 20 39	6°10'41"	8°11'46"	21°44'11"	13°54'11"	7°32'11"	11°50'11"	1°25'11"	2°10'11"	2°45'11"	9°51'11"	9°15'11"	10°18'11"	17° 5'11"	7°22'11"	F17
S18	8 24 35	7°11'32"	22°28'11"	23°18'11"	15° 6'11"	8°19'11"	11°44'11"	1°32'11"	2°13'11"	2°47'11"	9°51'11"	9° 8'11"	10°14'11"	17°12'11"	7°23'11"	S18
S19	8 28 32	8°12'22"	6°11'0	24°50'11"	16°18'11"	9° 5'11"	11°39'11"	1°39'11"	2°17'11"	2°49'11"	9°52'11"	8°59'11"	10°11'11"	17°19'11"	7°23'11"	S19
M20	8 32 28	9°13'10"	19°21'11"	26°19'11"	17°30'11"	9°52'11"	11°33'11"	1°46'11"	2°20'11"	2°51'11"	9°52'11"	8°49'11"	10° 8'11"	17°25'11"	7°24'11"	M20
T21	8 36 25	10°13'58"	2°11'28"	27°43'11"	18°42'11"	10°39'11"	11°28'11"	1°53'11"	2°24'11"	2°53'11"	9°53'11"	8°38'11"	10° 5'11"	17°32'11"	7°25'11"	T21
W22	8 40 22	11°14'43"	15°21'11"	29° 3'11"	19°54'11"	11°25'11"	11°22'11"	2° 0'11"	2°27'11"	2°55'11"	9°53'11"	8°27'11"	10° 2'11"	17°38'11"	7°26'11"	W22
T23	8 44 18	12°15'28"	27°59'11"	0°11'17"	21° 6'11"	12°12'11"	11°16'11"	2° 7'11"	2°31'11"	2°56'11"	9°54'11"	8°19'11"	9°58'11"	17°45'11"	7°27'11"	T23
F24	8 48 15	13°16'11"	10°11'21"	1°25'11"	22°18'11"	12°58'11"	11°10'11"	2°14'11"	2°34'11"	2°58'11"	9°54'11"	8°13'11"	9°55'11"	17°52'11"	7°28'11"	F24
S25	8 52 11	14°16'53"	22°30'11"	2°27'11"	23°29'11"	13°45'11"	11° 3'11"	2°21'11"	2°38'11"	3° 0'11"	9°54'11"	8° 9'11"	9°52'11"	17°58'11"	7°29'11"	S25
S26	8 56 8	15°17'34"	4°11'28"	3°21'11"	24°41'11"	14°31'11"	10°57'11"	2°28'11"	2°41'11"	3° 2'11"	9°54'11"	8°D 7'11"	9°49'11"	18° 5'11"	7°30'11"	S26
M27	9 0 4	16°18'13"	16°19'11"	4° 6'11"	25°52'11"	15°18'11"	10°51'11"	2°35'11"	2°45'11"	3° 4'11"	9°55'11"	8° 8'11"	9°46'11"	18°12'11"	7°32'11"	M27
T28	9 4 1	17°18'52"	28° 6'11"	4°43'11"	27° 3'11"	16° 4'11"	10°44'11"	2°42'11"	2°48'11"	3° 5'11"	9°55'11"	8° 9'11"	9°43'11"	18°18'11"	7°33'11"	T28
W29	9 7 57	18°19'29"	9°11'55"	5°10'11"	28°14'11"	16°51'11"	10°37'11"	2°50'11"	2°52'11"	3° 7'11"	9°55'11"	8°10'11"	9°39'11"	18°25'11"	7°34'11"	W29
T30	9 11 54	19°20'05"	21°52'11"	5°27'11"	29°26'11"	17°37'11"	10°31'11"	2°57'11"	2°55'11"	3° 9'11"	9°55'11"	8°R10'11"	9°36'11"	18°32'11"	7°36'11"	T30
F31	9 15 51	20°20'40"	4°11'1	5°R34'11"	0°11'36"	18°11'23"	10°11'24"	3°11'4	2°11'58"	3°11'11"	9°11'55"	8°11'9	9°11'33"	18°11'38"	7°11'37"	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	decl lat	decl lat
W 1	22s 1	10s30	1n50	23s20	2s 5	14s56	1s37	14s11	1s 2	7n57	1n18	13s 9	1s38	20s29	0s34	22s29
T 2	21 52	13 27	2 47	23 1	2 5	14 30	1 36	13 55	1 2	7 58	1 18	13 6	1 38	20 29	0 34	22 29
F 3	21 43	15 51	3 36	22 41	2 5	14 3	1 35	13 38	1 1	8 0	1 18	13 4	1 38	20 28	0 34	22 29
S 4	21 33	17 35	4 17	22 18	2 4	13 37	1 33	13 21	1 1	8 1	1 19	13 2	1 38	20 27	0 34	22 29
S 5	21 22	18 29	4 45	21 54	2 2	13 9	1 31	13 5	1 0	8 2	1 19	12 59	1 37	20 26	0 34	22 29
M 6	21 11	18 25	5 0	21 29	2 0	12 42	1 30	12 48	0 59	8 4	1 19	12 57	1 37	20 25	0 34	22 29
T 7	21 0	17 21	4 59	21 2	1 58	12 14	1 28	12 31	0 59	8 5	1 20	12 55	1 37	20 25	0 34	22 29
W 8	20 48	15 15	4 40	20 33	1 55	11 46	1 26	12 14	0 58	8 7	1 20	12 52	1 37	20 24	0 34	22 29
T 9	20 36	12 14	4 4	20 3	1 51	11 18	1 24	11 56	0 58	8 9	1 20	12 50	1 37	20 23	0 34	22 29
F 10	20 24	8 28	3 13	19 31	1 47	10 49	1 22	11 39	0 57	8 11	1 20	12 48	1 37	20 22	0 34	22 29
S 11	20 11	4 12	2 9	18 57	1 42	10 20	1 20	11 22	0 56	8 12	1 21	12 45	1 37	20 22	0 34	22 29
S 12	19 58	0n19	0 57	18 23	1 36	9 51	1 18	11 4	0 56	8 14	1 21	12 43	1 37	20 21	0 34	22 29
M13	19 44	4 48	0s19	17 47	1 30	9 21	1 15	10 46	0 55	8 16	1 21	12 41	1 37	20 20	0 34	22 29
T14	19 31	8 59	1 33	17 9	1 22	8 52	1 13	10 29	0 55	8 18	1 21	12 38	1 37	20 19	0 34	22 28
W15	19 16	12 38	2 40	16 31	1 15	8 22	1 11	10 11	0 54	8 20	1 22	12 36	1 37	20 18	0 34	22 28
T16	19 2	15 31	3 38	15 52	1 6	7 52	1 8	9 53	0 53	8 22	1 22	12 33	1 37	20 18	0 34	22 28
F17	18 47	17 30	4 23	15 11	0 57	7 21	1 6	9 35	0 53	8 24	1 22	12 31	1 37	20 17	0 34	22 28
S18	18 31	18 26	4 52	14 31	0 46	6 51	1 3	9 17	0 52	8 27	1 22	12 28	1 37	20 16	0 34	22 28
S19	18 16	18 19	5 4	13 50	0 35	6 20	1 0	8 59	0 52	8 29	1 22	12 26	1 37	20 15	0 34	22 28
M20	18 0	17 10	4 59	13 9	0 23	5 50	0 57	8 40	0 51	8 31	1 23	12 23	1 37	20 15	0 34	22 28
T21	17 43	15 8	4 39	12 28	0 11	5 19	0 54	8 22	0 50	8 34	1 23	12 21	1 37	20 14	0 34	22 28
W22	17 27	12 23	4 4	11 48	0n 3	4 48	0 51	8 4	0 50	8 36	1 23	12 18	1 37	20 13	0 34	22 28
T23	17 10	9 6	3 18	11 8	0 17	4 17	0 48	7 45	0 49	8 39	1 23	12 16	1 37	20 12	0 34	22 28
F24	16 53	5 29	2 24	10 30	0 32	3 45	0 45	7 27	0 48	8 41	1 24	12 13	1 37	20 11	0 34	22 28
S25	16 35	1 43	1 23	9 54	0 47	3 14	0 42	7 9	0 48	8 44	1 24	12 11	1 37	20 11	0 34	22 28
S26	16 18	2s 5	0 20	9 20	1 3	2 43	0 39	6 50	0 47	8 46	1 24	12 8	1 37	20 10	0 34	22 28
M27	16 0	5 45	0n44	8 49	1 19	2 11	0 35	6 31	0 46	8 49	1 24	12 5	1 37	20 9	0 34	22 28
T28	15 41	9 11	1 46	8 20	1 35	1 40	0 32	6 13	0 46	8 52	1 24	12 3	1 37	20 8	0 34	22 28
W29	15 23	12 15	2 43	7 55	1 51	1 8	0 29	5 54	0 45	8 54	1 24	12 0	1 37	20 7	0 34	22 28
T30	15 4	14 50	3 34	7 34	2 7	0 37	0 25	5 35	0 45	8 57	1 25	11 58	1 37	20 7	0 34	22 28
F31	14s45	16s49	4n16	7s17	2n23	0s 5	0s21	5s17	0s44	9n 0	1n25	11s55	1s37	20s 6	0s34	22s28

Julian Day Number = 2266741.5, Delta T = 05m04s
Ecliptic obliquity = 23°30'09", Nutation = 0°00'04", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°40'49", Lahiri = 16°47'50" Julian Calendar 1 Jan. 1494 == Greg. Calendar 10 Jan. 1494

ASTRODIENST EPHEMERIS for the year 1494

geocentric

FEBRUARY 1494 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 19 47	21 ²² 13	16 ²⁸ 28	5°R30	1°Y47	19°K 9	10°R17	3°K11	3 ² 2	3°Z12	9°M55	8°R 6	9°Z30	18°Z45	7°B39	S 1
S 2	9 23 44	22°21'45	29°16	5°K16	2°58	19°56	10°M10	3°19	3° 5	3°14	9°R55	8°Z 1	9°27	18°52	7°41	S 2
M 3	9 27 40	23°22'16	12°Z29	4°52	4° 9	20°42	10° 2	3°26	3° 8	3°16	9°55	7°54	9°24	18°58	7°42	M 3
T 4	9 31 37	24°22'46	26° 7	4°19	5°19	21°28	9°55	3°33	3°12	3°17	9°55	7°47	9°20	19° 5	7°44	T 4
W 5	9 35 33	25°23'13	10°Z 9	3°37	6°29	22°14	9°48	3°40	3°15	3°19	9°55	7°40	9°17	19°12	7°46	W 5
T 6	9 39 30	26°23'40	24°30	2°48	7°40	23° 0	9°40	3°48	3°18	3°20	9°55	7°33	9°14	19°18	7°48	T 6
F 7	9 43 26	27°24'04	9°K 6	1°53	8°50	23°47	9°33	3°55	3°22	3°22	9°55	7°29	9°11	19°25	7°50	F 7
S 8	9 47 23	28°24'27	23°49	0°53	10° 0	24°33	9°25	4° 2	3°25	3°23	9°55	7°26	9° 8	19°31	7°52	S 8
S 9	9 51 20	29°24'48	8°Y31	29°Z50	11°10	25°19	9°18	4°10	3°28	3°25	9°55	7°D25	9° 4	19°38	7°54	S 9
M10	9 55 16	0°K25'07	23° 8	28°45	12°19	26° 5	9°10	4°17	3°32	3°26	9°54	7°26	9° 1	19°45	7°56	M10
T 11	9 59 13	1°25'24	7°B33	27°41	13°29	26°51	9° 2	4°24	3°35	3°28	9°54	7°27	8°58	19°51	7°58	T 11
W12	10 3 9	2°25'39	21°45	26°38	14°38	27°36	8°55	4°32	3°38	3°29	9°54	7°29	8°55	19°58	8° 0	W12
T 13	10 7 6	3°25'52	5°H41	25°38	15°47	28°22	8°47	4°39	3°41	3°31	9°53	7°R29	8°52	20° 5	8° 2	T 13
F 14	10 11 2	4°26'02	19°23	24°43	16°56	29° 8	8°39	4°46	3°44	3°32	9°53	7°28	8°49	20°11	8° 5	F 14
S 15	10 14 59	5°26'11	2°Z49	23°52	18° 5	29°54	8°31	4°54	3°47	3°33	9°52	7°26	8°45	20°18	8° 7	S 15
S 16	10 18 55	6°26'17	16° 0	23° 7	19°14	0°Y40	8°23	5° 1	3°50	3°34	9°52	7°22	8°42	20°25	8° 9	S 16
M17	10 22 52	7°26'22	28°58	22°28	20°23	1°25	8°16	5° 9	3°54	3°36	9°51	7°17	8°39	20°31	8°12	M17
T 18	10 26 49	8°26'24	11°Z43	21°56	21°31	2°11	8° 8	5°16	3°57	3°37	9°51	7°12	8°36	20°38	8°14	T 18
W19	10 30 45	9°26'24	24°15	21°31	22°39	2°57	8° 0	5°23	4° 0	3°38	9°50	7° 7	8°33	20°45	8°17	W19
T 20	10 34 42	10°26'22	6°M36	21°13	23°47	3°42	7°52	5°31	4° 3	3°39	9°50	7° 3	8°30	20°51	8°20	T 20
F 21	10 38 38	11°26'18	18°46	21° 1	24°55	4°28	7°44	5°38	4° 6	3°40	9°49	7° 1	8°26	20°58	8°22	F 21
S 22	10 42 35	12°26'13	0°Z47	20°D56	26° 3	5°13	7°36	5°45	4° 9	3°42	9°48	6°59	8°23	21° 5	8°25	S 22
S 23	10 46 31	13°26'05	12°40	20°57	27°10	5°59	7°29	5°53	4°11	3°43	9°48	6°D59	8°20	21°11	8°28	S 23
M24	10 50 28	14°25'56	24°29	21° 4	28°17	6°44	7°21	6° 0	4°14	3°44	9°47	7° 0	8°17	21°18	8°31	M24
T 25	10 54 24	15°25'44	6°M17	21°17	29°24	7°29	7°13	6° 7	4°17	3°45	9°46	7° 2	8°14	21°24	8°33	T 25
W26	10 58 21	16°25'31	18° 7	21°36	0°B31	8°15	7° 6	6°14	4°20	3°46	9°46	7° 3	8°10	21°31	8°36	W26
T 27	11 2 17	17°25'17	0°Z 3	21°59	1°38	9° 0	6°58	6°22	4°23	3°47	9°45	7° 5	8° 7	21°38	8°39	T 27
F 28	11 6 14	18°K25'00	12°Z11	22°Z28	2°B44	9°Y45	6°M50	6°K29	4°Z26	3°Z48	9°M44	7°Z 6	8°Z 4	21°Z44	8°B42	F 28

Day	☉	☾	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s25	18s 3	4n48	7s 4	2n38	0n26	0s18	4s58	0s43	9n 3	1n25	11s52	1s37	20s 5	0s34	22s28	1n 0	0n13	15n49	3s13	3s46	6s36	12n24	1s48	
S 2	14 6	18 24	5 6	6 56	2 52	0 58	0 14	4 39	0 43	9 6	1 25	11 50	1 37	20 4	0 34	22 27	1 0	0 13	15 49	3 11	3 45	6 38	12 25	1 48	
M 3	13 46	17 48	5 8	6 53	3 5	1 30	0 10	4 20	0 42	9 8	1 25	11 47	1 37	20 4	0 34	22 27	1 0	0 13	15 50	3 9	3 44	6 39	12 25	1 47	
T 4	13 26	16 10	4 54	6 54	3 16	2 1	0 7	4 1	0 41	9 11	1 25	11 44	1 37	20 3	0 34	22 27	1 0	0 14	15 50	3 6	3 43	6 41	12 26	1 47	
W 5	13 6	13 33	4 21	7 0	3 26	2 33	0 3	3 42	0 41	9 14	1 26	11 42	1 37	20 2	0 34	22 27	1 0	0 14	15 51	3 3	3 41	6 43	12 26	1 47	
T 6	12 45	10 3	3 32	7 10	3 34	3 4	0n 1	3 24	0 40	9 17	1 26	11 39	1 37	20 1	0 34	22 27	1 0	0 15	15 51	3 0	3 40	6 44	12 27	1 47	
F 7	12 24	5 54	2 28	7 24	3 40	3 35	0 5	3 5	0 39	9 20	1 26	11 37	1 37	20 1	0 34	22 27	1 0	0 15	15 52	2 58	3 39	6 46	12 28	1 47	
S 8	12 4	1 20	1 13	7 42	3 44	4 7	0 9	2 46	0 39	9 23	1 26	11 34	1 37	20 0	0 34	22 27	1 0	0 16	15 52	2 57	3 38	6 48	12 28	1 47	
S 9	11 42	3n18	0s 6	8 3	3 45	4 38	0 13	2 27	0 38	9 26	1 26	11 31	1 37	19 59	0 34	22 27	1 0	0 16	15 53	2 57	3 36	6 50	12 29	1 47	
M10	11 21	7 42	1 25	8 26	3 44	5 9	0 17	2 8	0 37	9 29	1 26	11 29	1 38	19 58	0 34	22 27	1 0	0 17	15 53	2 57	3 35	6 51	12 30	1 47	
T 11	11 0	11 35	2 37	8 51	3 41	5 40	0 22	1 49	0 37	9 32	1 26	11 26	1 38	19 58	0 34	22 27	1 0	0 17	15 54	2 58	3 34	6 53	12 30	1 47	
W12	10 38	14 44	3 39	9 17	3 36	6 11	0 26	1 30	0 36	9 35	1 26	11 23	1 38	19 57	0 34	22 27	1 0	0 18	15 54	2 58	3 33	6 55	12 31	1 47	
T 13	10 16	16 57	4 26	9 43	3 30	6 41	0 30	1 11	0 35	9 38	1 27	11 21	1 38	19 56	0 34	22 27	1 1	0 19	15 54	2 59	3 31	6 56	12 32	1 47	
F 14	9 55	18 8	4 57	10 10	3 21	7 12	0 34	0 52	0 35	9 41	1 27	11 18	1 38	19 55	0 34	22 27	1 1	0 19	15 55	2 58	3 30	6 58	12 33	1 47	
S 15	9 33	18 17	5 12	10 36	3 11	7 42	0 39	0 34	0 34	9 44	1 27	11 15	1 38	19 55	0 34	22 27	1 1	0 20	15 55	2 57	3 29	7 0	12 33	1 47	
S 16	9 10	17 25	5 9	11 1	3 0	8 13	0 43	0 15	0 33	9 47	1 27	11 13	1 38	19 54	0 34	22 27	1 1	0 20	15 56	2 56	3 28	7 1	12 34	1 47	
M17	8 48	15 40	4 51	11 25	2 48	8 43	0 47	0n 4	0 33	9 50	1 27	11 10	1 38	19 53	0 34	22 27	1 1	0 21	15 56	2 54	3 26	7 3	12 35	1 47	
T 18	8 26	13 11	4 18	11 47	2 35	9 13	0 52	0 23	0 32	9 53	1 27	11 7	1 38	19 53	0 34	22 27	1 1	0 21	15 57	2 52	3 25	7 5	12 36	1 47	
W19	8 3	10 7	3 34	12 8	2 21	9 42	0 56	0 42	0 31	9 56	1 27	11 5	1 38	19 52	0 34	22 27	1 1	0 22	15 57	2 50	3 24	7 7	12 37	1 47	
T 20	7 40	6 39	2 39	12 27	2 7	10 12	1 1	1 1	0 31	9 59	1 27	11 2	1 38	19 51	0 34	22 26	1 1	0 23	15 58	2 48	3 23	7 8	12 38	1 47	
F 21	7 18	2 57	1 39	12 44	1 53	10 41	1 5	1 19	0 30	10 2	1 27	10 59	1 38	19 51	0 34	22 26	1 1	0 23	15 58	2 47	3 21	7 10	12 38	1 47	
S 22	6 55	0s50	0 34	12 59	1 39	11 10	1 9	1 38	0 29	10 5	1 27	10 57	1 38	19 50	0 35	22 26	1 1	0 24	15 58	2 47	3 20	7 12	12 39	1 47	
S 23	6 32	4 32	0n31	13 12	1 25	11 38	1 14	1 57	0 28	10 8	1 27	10 54	1 38	19 49	0 35	22 26	1 1	0 24	15 59	2 47	3 19	7 13	12 40	1 47	
M24	6 9	8 2	1 35	13 23	1 11	12 7	1 19	2 15	0 28	10 11	1 27	10 51	1 38	19 49	0 35	22 26	1 1	0 25	15 59	2 47	3 18	7 15	12 41	1 47	
T 25	5 45	11 13	2 35	13 32	0 57	12 35	1 23	2 34	0 27	10 14	1 27	10 49	1 38	19 48	0 35	22 26	1 1	0 26	16 0	2 48	3 16	7 17	12 42	1 47	
W26	5 22	13 56	3 28	13 39	0 44	13 3	1 28	2 52	0 26	10 17	1 27	10 46	1 38	19 47	0 35	22 26	1 1	0 26	16 0	2 49	3 15	7 18	12 43	1 47	
T 27	4 59	16 6	4 13	13 44	0 30	13 31	1 32	3 11	0 26	10 20	1 27	10 44	1 39	19 47	0 35	22 26	1 1	0 27	16 1	2 49	3 14	7 20	12 44	1 47	
F 28	4s36	17s34	4n47	13s47	0n18	13n58	1n37	3n29	0s25	10n22	1n27	10s41	1s39	19s46	0s35	22s26	1n 1	0n27	16n 1	2s49	3s13	7s22	12n45	1s47	

Julian Day Number = 2266772.5, Delta T = 05m04s

Ecliptic obliquity = 23°30'09, Nutation = 0°00'04, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°40'54, Lahiri = 16°47'54 Julian Calendar 1 Feb. 1494 == Greg. Calendar 10 Feb. 1494

ASTRODIENST EPHEMERIS for the year 1494

MARCH 1494 JC

00:00 UT

Day	Sid.t	☉	☿	♈	♀	♊	♈	♉	♊	♋	♈	♌	♍	♎	♏	♐	Day
S 1	11 10 11	19°42'24	24°35	23°00	3°50	10°30	6°43	6°36	4°28	3°48	9°43	7°R 6	8°01	21°51	8°45	S 1	
S 2	11 14 7	20°24'22	7°20	23°38	4°56	11°15	6°35	6°43	4°31	3°49	9°42	7°05	7°58	21°58	8°48	S 2	
M 3	11 18 4	21°24'01	20°28	24°19	6°02	12°00	6°28	6°51	4°34	3°50	9°41	7°04	7°55	22°04	8°52	M 3	
T 4	11 22 0	22°23'37	4°04	25°04	7°07	12°45	6°21	6°58	4°36	3°51	9°40	7°02	7°51	22°11	8°55	T 4	
W 5	11 25 57	23°23'12	18°06	25°52	8°12	13°30	6°13	7°05	4°39	3°52	9°39	7°00	7°48	22°18	8°58	W 5	
T 6	11 29 53	24°22'44	2°33	26°44	9°17	14°15	6°06	7°12	4°42	3°52	9°38	6°58	7°45	22°24	9°01	T 6	
F 7	11 33 50	25°22'15	17°19	27°38	10°22	15°00	5°59	7°19	4°44	3°53	9°37	6°57	7°42	22°31	9°04	F 7	
S 8	11 37 46	26°21'44	2°19	28°36	11°26	15°45	5°52	7°26	4°47	3°54	9°36	6°D57	7°39	22°38	9°08	S 8	
S 9	11 41 43	27°21'11	17°24	29°37	12°31	16°30	5°45	7°34	4°49	3°54	9°35	6°57	7°35	22°44	9°11	S 9	
M10	11 45 40	28°20'35	2°24	0°40	13°34	17°15	5°38	7°41	4°51	3°55	9°34	6°57	7°32	22°51	9°15	M10	
T11	11 49 36	29°19'57	17°11	1°45	14°38	17°59	5°32	7°48	4°54	3°56	9°33	6°58	7°29	22°58	9°18	T11	
W12	11 53 33	0°19'17	1°14	2°53	15°41	18°44	5°25	7°55	4°56	3°56	9°31	6°59	7°26	23°04	9°21	W12	
T13	11 57 29	1°18'35	15°50	4°03	16°44	19°29	5°19	8°02	4°58	3°57	9°30	6°59	7°23	23°11	9°25	T13	
F14	12 1 26	2°17'51	29°35	5°16	17°47	20°13	5°12	8°09	5°01	3°57	9°29	6°R59	7°20	23°17	9°29	F14	
S15	12 5 22	3°17'03	12°58	6°30	18°49	20°58	5°06	8°15	5°03	3°57	9°28	6°59	7°16	23°24	9°32	S15	
S16	12 9 19	4°16'14	26°01	7°46	19°51	21°42	5°00	8°22	5°05	3°58	9°26	6°59	7°13	23°31	9°36	S16	
M17	12 13 15	5°15'22	8°04	9°05	20°52	22°27	4°54	8°29	5°07	3°58	9°25	6°59	7°10	23°37	9°39	M17	
T18	12 17 12	6°14'28	21°14	10°25	21°53	23°11	4°48	8°36	5°09	3°59	9°24	6°59	7°07	23°44	9°43	T18	
W19	12 21 9	7°13'32	3°30	11°47	22°54	23°55	4°43	8°43	5°12	3°59	9°23	6°D59	7°04	23°51	9°47	W19	
T20	12 25 5	8°12'33	15°36	13°11	23°55	24°40	4°37	8°50	5°14	3°59	9°21	6°59	7°01	23°57	9°50	T20	
F21	12 29 2	9°11'32	27°34	14°36	24°55	25°24	4°32	8°56	5°16	3°59	9°20	6°59	6°57	24°04	9°54	F21	
S22	12 32 58	10°10'29	9°02	16°03	25°54	26°08	4°26	9°03	5°18	4°00	9°18	6°R59	6°54	24°11	9°58	S22	
S23	12 36 55	11°09'24	21°16	17°32	26°53	26°52	4°21	9°10	5°19	4°00	9°17	6°59	6°51	24°17	10°02	S23	
M24	12 40 51	12°08'17	3°05	19°02	27°52	27°36	4°16	9°16	5°21	4°00	9°16	6°58	6°48	24°24	10°06	M24	
T25	12 44 48	13°07'08	14°54	20°35	28°50	28°20	4°12	9°23	5°23	4°00	9°14	6°58	6°45	24°31	10°09	T25	
W26	12 48 44	14°05'58	26°47	22°08	29°48	29°04	4°07	9°29	5°25	4°00	9°13	6°57	6°41	24°37	10°13	W26	
T27	12 52 41	15°04'45	8°47	23°44	0°14	29°48	4°02	9°36	5°27	4°00	9°11	6°56	6°38	24°44	10°17	T27	
F28	12 56 37	16°03'31	20°57	25°20	1°42	0°32	3°58	9°42	5°28	4°R 0	9°10	6°55	6°35	24°51	10°21	F28	
S29	13 0 34	17°02'15	3°21	26°59	2°38	1°16	3°54	9°49	5°30	4°00	9°08	6°54	6°32	24°57	10°25	S29	
S30	13 4 31	18°00'57	16°03	28°39	3°34	2°00	3°50	9°55	5°32	4°00	9°07	6°D54	6°29	25°04	10°29	S30	
M31	13 8 27	18°59'37	2°29	0°19	4°12	2°43	3°46	10°01	5°33	4°R 0	9°05	6°05	6°26	25°11	10°33	M31	

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	
S 1	4s12	18s15	5n 9	13s48	0n 5	14n25	1n41	3n48	0s24	10n25	1n27	10s38	1s39	19s45	0s35	22s26	1n 1	0n28	16n 1	2s49	3s11	7s23	12n46	1s47	
S 2	3 49	18 2	5 17	13 47	0s 7	14 52	1 46	4 6	0 24	10 28	1 27	10 36	1 39	19 45	0 35	22 26	1 1	0 29	16 2	2 49	3 10	7 25	12 47	1 47	
M 3	3 25	16 52	5 8	13 44	0 18	15 18	1 50	4 24	0 23	10 31	1 27	10 33	1 39	19 44	0 35	22 26	1 1	0 29	16 2	2 49	3 9	7 27	12 48	1 47	
T 4	3 2	14 43	4 42	13 40	0 29	15 44	1 55	4 43	0 22	10 33	1 27	10 31	1 39	19 43	0 35	22 26	1 1	0 30	16 2	2 48	3 7	7 29	12 49	1 47	
W 5	2 38	11 39	3 59	13 33	0 40	16 10	1 59	5 1	0 22	10 36	1 27	10 28	1 39	19 43	0 35	22 26	1 1	0 31	16 3	2 47	3 6	7 30	12 50	1 47	
T 6	2 14	7 48	3 0	13 25	0 50	16 35	2 4	5 19	0 21	10 39	1 27	10 25	1 39	19 42	0 35	22 26	1 1	0 31	16 3	2 46	3 5	7 32	12 51	1 47	
F 7	1 51	3 23	1 47	13 16	1 0	17 0	2 8	5 37	0 20	10 41	1 27	10 23	1 39	19 42	0 35	22 26	1 1	0 32	16 4	2 46	3 4	7 34	12 52	1 47	
S 8	1 27	1n19	0 26	13 4	1 9	17 24	2 13	5 55	0 20	10 44	1 27	10 20	1 39	19 41	0 35	22 26	1 1	0 33	16 4	2 46	3 2	7 35	12 53	1 47	
S 9	1 3	5 57	0s58	12 51	1 18	17 49	2 17	6 13	0 19	10 46	1 27	10 18	1 39	19 41	0 35	22 26	1 1	0 33	16 4	2 46	3 1	7 37	12 54	1 47	
M10	0 40	10 12	2 17	12 36	1 26	18 12	2 22	6 30	0 18	10 49	1 27	10 15	1 40	19 40	0 35	22 26	1 1	0 34	16 5	2 46	3 0	7 39	12 55	1 47	
T11	0 16	13 43	3 26	12 20	1 34	18 36	2 26	6 48	0 18	10 51	1 27	10 13	1 40	19 39	0 35	22 26	1 1	0 35	16 5	2 46	2 59	7 40	12 56	1 47	
W12	0n 8	16 19	4 20	12 2	1 41	18 59	2 30	7 6	0 17	10 54	1 27	10 10	1 40	19 39	0 35	22 26	1 1	0 35	16 5	2 47	2 57	7 42	12 57	1 47	
T13	0 31	17 50	4 57	11 43	1 47	19 21	2 35	7 23	0 16	10 56	1 27	10 8	1 40	19 38	0 35	22 25	1 1	0 36	16 5	2 47	2 56	7 44	12 58	1 47	
F14	0 55	18 15	5 15	11 22	1 54	19 43	2 39	7 41	0 16	10 58	1 27	10 5	1 40	19 38	0 35	22 25	1 1	0 37	16 6	2 47	2 55	7 45	12 59	1 47	
S15	1 19	17 37	5 16	11 0	1 59	20 5	2 43	7 58	0 15	11 0	1 27	10 3	1 40	19 37	0 35	22 25	1 1	0 37	16 6	2 47	2 54	7 47	13 0	1 47	
S16	1 42	16 5	5 1	10 36	2 5	20 26	2 48	8 16	0 14	11 3	1 27	10 0	1 40	19 37	0 35	22 25	1 1	0 38	16 6	2 47	2 52	7 49	13 2	1 47	
M17	2 6	13 46	4 31	10 11	2 9	20 47	2 52	8 33	0 14	11 5	1 26	9 58	1 40	19 36	0 35	22 25	1 1	0 38	16 7	2 47	2 51	7 50	13 3	1 47	
T18	2 29	10 52	3 48	9 45	2 14	21 7	2 56	8 50	0 13	11 7	1 26	9 55	1 40	19 36	0 35	22 25	1 1	0 39	16 7	2 47	2 50	7 52	13 4	1 48	
W19	2 52	7 31	2 56	9 17	2 17	21 27	3 0	9 7	0 12	11 9	1 26	9 53	1 41	19 35	0 35	22 25	1 1	0 40	16 7	2 47	2 49	7 54	13 5	1 48	
T20	3 16	3 54	1 56	8 47	2 21	21 46	3 4	9 24	0 12	11 11	1 26	9 50	1 41	19 35	0 35	22 25	1 1	0 40	16 7	2 47	2 47	7 55	13 6	1 48	
F21	3 39	0 10	0 52	8 17	2 23	22 5	3 8	9 41	0 11	11 13	1 26	9 48	1 41	19 34	0 35	22 25	1 1	0 41	16 8	2 47	2 46	7 57	13 7	1 48	
S22	4 2	3s33	0n14	7 45	2 26	22 23	3 12	9 57	0 10	11 14	1 26	9 45	1 41	19 34	0 35	22 25	1 1	0 42	16 8	2 47	2 45	7 59	13 8	1 48	
S23	4 26	7 6	1 19	7 12	2 27	22 41	3 16	10 14	0 10	11 16	1 26	9 43	1 41	19 34	0 35	22 25	1 1	0 42	16 8	2 47	2 44	8 0	13 10	1 48	
M24	4 49	10 23	2 20	6 38	2 29	22 58	3 19	10 31	0 9	11 18	1 26	9 41	1 41	19 33	0 35	22 25	1 1	0 43	16 8	2 46	2 42	8 2	13 11	1 48	
T25	5 12	13 14	3 16	6 2	2 29	23 15	3 23	10 47	0 8	11 20	1 26	9 38	1 41	19 33	0 35	22 25	1 1	0 44	16 9	2 46	2 41	8 4	13 12	1 48	
W26	5 35	15 33	4 3	5 25	2 30	23 32	3 27	11 3	0 8	11 21	1 25	9 36	1 42	19 32	0 35	22 25	1 1	0 44	16 9	2 46	2 40	8 5	13 13	1 48	
T27	5 57	17 13	4 40	4 47	2 29	23 47	3 30	11 19	0 7	11 23	1 25	9 34	1 42	19 32	0 35	22 25	1 2	0 45	16 9	2 45	2 39	8 7	13 14	1 48	
F28	6 20	18 7	5 5	4 8	2 29	24 3	3 34	11 36	0 6	11 24	1 25	9 31	1 42	19 32	0 35	22 25	1 2	0 45	16 9	2 45	2 37	8 8	13 15	1 48	
S29	6 43	18 11	5 17	3 27	2 27	24 17	3 37	11 51	0 6	11 25	1 25	9 29	1 42	19 31	0 36	22 25	1 2	0 46	16 9	2 45	2 36	8 10	13 17	1 48	
S30	7 5	17 21	5 13	2 46	2 25	24 32	3 40	12 7	0 5	11 27	1 25	9 27	1 42	19 31	0 36	22 25	1 2	0 47	16 9	2 45	2 35	8 12	13 18	1 48	
M31	7n27	15s36	4n54	2s 3	2s23	24n45	3n44	12n23	0s 4	11n28	1n25	9s25	1s42	19s30	0s36	22s25	1n 2	0n47	16n10	2s45	2s33	8s13	13n19	1s48	

Julian Day Number = 2266800.5, Delta T = 05m04s

Ecliptic obliquity = 23°30'09, Nutation = 0°00'03, out-of-bounds declination in red

Avanamsha: Fagan/Bradley = 17°40'58. Lahiri = 16°47'58 Julian Calendar 1 March 1494 == Greg. Calendar 10 March 1494

ASTRODIENST EPHEMERIS for the year 1494

geocentric

APRIL 1494 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 12 24	19°58'16	12°32	2°4	5°11	3°27	3°R42	10°7	5°35	4°R 0	9°R 3	6°54	6°22	25°17	10°37	T 1
W 2	13 16 20	20°56'53	26°25	3°49	6°18	4°11	3°39	10°14	5°36	4°R 0	9°R 2	6°55	6°19	25°24	10°41	W 2
T 3	13 20 17	21°55'28	10°44	5°35	7°11	4°54	3°36	10°20	5°38	3°59	9° 0	6°57	6°16	25°30	10°45	T 3
F 4	13 24 13	22°54'02	25°26	7°23	8° 4	5°38	3°32	10°26	5°39	3°59	8°59	6°57	6°13	25°37	10°49	F 4
S 5	13 28 10	23°52'34	10°27	9°13	8°56	6°21	3°30	10°32	5°40	3°59	8°57	6°R58	6°10	25°44	10°53	S 5
S 6	13 32 6	24°51'04	25°38	11° 5	9°47	7° 5	3°27	10°38	5°42	3°59	8°56	6°57	6° 6	25°50	10°58	S 6
M 7	13 36 3	25°49'32	10°51	12°58	10°38	7°48	3°24	10°44	5°43	3°58	8°54	6°55	6° 3	25°57	11° 2	M 7
T 8	13 40 0	26°47'58	25°54	14°52	11°28	8°31	3°22	10°50	5°44	3°58	8°52	6°53	6° 0	26° 4	11° 6	T 8
W 9	13 43 56	27°46'22	10°41	16°49	12°17	9°15	3°19	10°56	5°45	3°58	8°51	6°50	5°57	26°10	11°10	W 9
T 10	13 47 53	28°44'44	25° 4	18°47	13° 6	9°58	3°17	11° 1	5°46	3°57	8°49	6°48	5°54	26°17	11°14	T 10
F 11	13 51 49	29°43'04	9°5 0	20°46	13°54	10°41	3°16	11° 7	5°47	3°57	8°47	6°46	5°51	26°24	11°18	F 11
S 12	13 55 46	0°41'22	22°28	22°47	14°40	11°24	3°14	11°13	5°48	3°56	8°46	6°44	5°47	26°30	11°22	S 12
S 13	13 59 42	1°39'38	5°31	24°50	15°26	12° 7	3°12	11°18	5°49	3°56	8°44	6°D44	5°44	26°37	11°27	S 13
M14	14 3 39	2°37'51	18°11	26°54	16°11	12°50	3°11	11°24	5°50	3°55	8°42	6°45	5°41	26°44	11°31	M14
T 15	14 7 35	3°36'03	0°33	28°59	16°55	13°33	3°10	11°29	5°51	3°55	8°41	6°46	5°38	26°50	11°35	T 15
W16	14 11 32	4°34'12	12°40	1°8 6	17°39	14°16	3° 9	11°35	5°52	3°54	8°39	6°48	5°35	26°57	11°39	W16
T 17	14 15 29	5°32'20	24°38	3°13	18°21	14°59	3° 8	11°40	5°52	3°53	8°37	6°50	5°32	27° 4	11°44	T 17
F 18	14 19 25	6°30'25	6°29	5°22	19° 2	15°42	3° 8	11°45	5°53	3°53	8°36	6°R50	5°28	27°10	11°48	F 18
S 19	14 23 22	7°28'29	18°17	7°31	19°41	16°25	3° 7	11°50	5°54	3°52	8°34	6°50	5°25	27°17	11°52	S 19
S 20	14 27 18	8°26'31	0°3 5	9°41	20°20	17° 7	3° 7	11°56	5°54	3°51	8°32	6°47	5°22	27°24	11°56	S 20
M21	14 31 15	9°24'32	11°55	11°51	20°58	17°50	3°D 7	12° 1	5°55	3°51	8°31	6°44	5°19	27°30	12° 0	M21
T 22	14 35 11	10°22'30	23°49	14° 2	21°34	18°33	3° 7	12° 6	5°55	3°50	8°29	6°39	5°16	27°37	12° 5	T 22
W23	14 39 8	11°20'28	5°24	16°12	22° 9	19°15	3° 7	12°11	5°56	3°49	8°27	6°33	5°12	27°44	12° 9	W23
T 24	14 43 4	12°18'23	17°58	18°21	22°43	19°58	3° 8	12°15	5°56	3°48	8°25	6°26	5° 9	27°50	12°13	T 24
F 25	14 47 1	13°16'18	0°31	20°30	23°15	20°40	3° 9	12°20	5°57	3°47	8°24	6°20	5° 6	27°57	12°17	F 25
S 26	14 50 57	14°14'11	12°46	22°37	23°46	21°23	3° 9	12°25	5°57	3°46	8°22	6°15	5° 3	28° 4	12°22	S 26
S 27	14 54 54	15°12'02	25°30	24°44	24°15	22° 5	3°10	12°30	5°57	3°46	8°20	6°12	5° 0	28°10	12°26	S 27
M28	14 58 51	16° 9'53	8°31	26°48	24°43	22°47	3°12	12°34	5°57	3°45	8°19	6°10	4°57	28°17	12°30	M28
T 29	15 2 47	17° 7'42	21°52	28°51	25° 9	23°30	3°13	12°39	5°58	3°44	8°17	6°D10	4°53	28°24	12°34	T 29
W30	15 6 44	18° 5'30	5°35	0°15	25°11	24°12	3°15	12°43	5°58	3°43	8°15	6°11	4°50	28°30	12°39	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7n50	12s57	4n18	1s19	2s20	24n58	3n47	12n39	0s 4	11n29	1n25	9s22	1s42	19s30	0s36	22s25	1n 2	0n48	16n10	2s45	2s32	8s15	13n20	1s48					
W 2	8 12	9 30	3 26	0 34	2 17	25 11	3 49	12 54	0 3	11 30	1 24	9 20	1 43	19 30	0 36	22 25	1 2	0 48	16 10	2 45	2 31	8 17	13 21	1 48					
T 3	8 34	5 24	2 20	0n11	2 13	25 23	3 52	13 9	0 2	11 31	1 24	9 18	1 43	19 29	0 36	22 25	1 2	0 49	16 10	2 46	2 30	8 18	13 23	1 48					
F 4	8 56	0 51	1 3	0 58	2 9	25 35	3 55	13 24	0 2	11 32	1 24	9 16	1 43	19 29	0 36	22 25	1 2	0 50	16 10	2 46	2 28	8 20	13 24	1 48					
S 5	9 17	3n51	0s19	1 46	2 4	25 46	3 58	13 39	0 1	11 33	1 24	9 14	1 43	19 29	0 36	22 25	1 2	0 50	16 10	2 46	2 27	8 22	13 25	1 48					
S 6	9 39	8 22	1 42	2 35	1 59	25 56	4 0	13 54	0 0	11 34	1 24	9 11	1 43	19 29	0 36	22 25	1 2	0 51	16 10	2 46	2 26	8 23	13 26	1 48					
M 7	10 0	12 19	2 57	3 24	1 53	26 6	4 2	14 9	0n 0	11 35	1 24	9 9	1 43	19 28	0 36	22 25	1 2	0 51	16 10	2 45	2 25	8 25	13 28	1 48					
T 8	10 21	15 25	3 59	4 15	1 46	26 15	4 5	14 24	0 1	11 36	1 23	9 7	1 44	19 28	0 36	22 25	1 2	0 52	16 11	2 44	2 23	8 27	13 29	1 48					
W 9	10 43	17 26	4 43	5 6	1 39	26 24	4 7	14 38	0 2	11 36	1 23	9 5	1 44	19 28	0 36	22 25	1 2	0 53	16 11	2 43	2 22	8 28	13 30	1 48					
T 10	11 3	18 16	5 9	5 57	1 32	26 32	4 9	14 53	0 2	11 37	1 23	9 3	1 44	19 28	0 36	22 25	1 2	0 53	16 11	2 42	2 21	8 30	13 31	1 48					
F 11	11 24	17 57	5 15	6 50	1 24	26 40	4 10	15 7	0 3	11 37	1 23	9 1	1 44	19 27	0 36	22 25	1 2	0 54	16 11	2 41	2 20	8 31	13 32	1 49					
S 12	11 45	16 38	5 4	7 43	1 16	26 47	4 12	15 21	0 3	11 38	1 23	8 59	1 44	19 27	0 36	22 25	1 2	0 54	16 11	2 41	2 18	8 33	13 34	1 49					
S 13	12 5	14 28	4 37	8 36	1 7	26 54	4 13	15 35	0 4	11 38	1 23	8 57	1 44	19 27	0 36	22 25	1 2	0 55	16 11	2 41	2 17	8 35	13 35	1 49					
M14	12 25	11 40	3 57	9 29	0 58	27 0	4 15	15 49	0 5	11 39	1 22	8 55	1 45	19 27	0 36	22 25	1 2	0 55	16 11	2 41	2 16	8 36	13 36	1 49					
T 15	12 45	8 24	3 7	10 23	0 49	27 6	4 16	16 2	0 5	11 39	1 22	8 53	1 45	19 27	0 36	22 25	1 2	0 56	16 11	2 42	2 15	8 38	13 37	1 49					
W16	13 5	4 50	2 9	11 17	0 39	27 11	4 16	16 16	0 6	11 39	1 22	8 51	1 45	19 26	0 36	22 25	1 2	0 56	16 11	2 42	2 13	8 40	13 39	1 49					
T 17	13 24	1 7	1 7	12 10	0 29	27 16	4 17	16 29	0 7	11 39	1 22	8 50	1 45	19 26	0 36	22 25	1 2	0 57	16 11	2 43	2 12	8 41	13 40	1 49					
F 18	13 43	2s37	0 2	13 3	0 19	27 20	4 18	16 42	0 7	11 39	1 22	8 48	1 45	19 26	0 36	22 25	1 2	0 57	16 11	2 43	2 11	8 43	13 41	1 49					
S 19	14 3	6 13	1n 2	13 56	0 8	27 23	4 18	16 55	0 8	11 39	1 21	8 46	1 46	19 26	0 36	22 25	1 2	0 58	16 11	2 43	2 10	8 44	13 42	1 49					
S 20	14 21	9 36	2 4	14 47	0n 2	27 26	4 18	17 8	0 9	11 39	1 21	8 44	1 46	19 26	0 36	22 25	1 2	0 58	16 11	2 42	2 8	8 46	13 43	1 49					
M21	14 40	12 35	3 0	15 38	0 13	27 29	4 18	17 20	0 9	11 39	1 21	8 42	1 46	19 26	0 36	22 25	1 2	0 59	16 11	2 41	2 7	8 48	13 45	1 49					
T 22	14 58	15 5	3 49	16 28	0 24	27 31	4 17	17 33	0 10	11 39	1 21	8 41	1 46	19 26	0 36	22 25	1 2	0 59	16 11	2 39	2 6	8 49	13 46	1 49					
W23	15 16	16 56	4 28	17 16	0 34	27 32	4 17	17 45	0 10	11 38	1 21	8 39	1 46	19 26	0 36	22 25	1 2	0 59	16 11	2 36	2 4	8 51	13 47	1 49					
T 24	15 34	18 3	4 55	18 3	0 44	27 33	4 16	17 57	0 11	11 38	1 20	8 37	1 47	19 26	0 36	22 25	1 2	1 0	16 10	2 34	2 3	8 53	13 48	1 50					
F 25	15 52	18 21	5 9	18 48	0 54	27 34	4 15	18 9	0 12	11 38	1 20	8 36	1 47	19 25	0 36	22 25	1 2	1 0	16 10	2 31	2 2	8 54	13 50	1 50					
S 26	16 9	17 46	5 9	19 31	1 4	27 34	4 13	18 21	0 12	11 37	1 20	8 34	1 47	19 25	0 37	22 25	1 2	1 1	16 10	2 29	2 1	8 56	13 51	1 50					
S 27	16 26	16 17	4 54	20 11	1 14	27 34	4 11	18 33	0 13	11 37	1 20	8 32	1 47	19 25	0 37	22 25	1 2	1 1	16 10	2 28	1 59	8 57	13 52	1 50					
M28	16 43	13 57	4 23	20 50	1 22	27 33	4 9	18 44	0 13	11 36	1 20	8 31	1 47	19 25	0 37	22 25	1 2	1 2	16 10	2 27	1 58	8 59	13 53	1 50					
T 29	17 0	10 49	3 38	21 26	1 31	27 32	4 7	18 55	0 14	11 35	1 20	8 29	1 48	19 25	0 37	22 25	1 2	1 2	16 10	2 27	1 57	9 1	13 54	1 50					
W30	17n16	7s 2	2n39	22n 0	1n39	27n30	4n 4	19n 6	0n15	11n34	1n19	8s28	1s48	19s25	0s37	22s25	1n 2	1n 2	16n10	2s28	1s56	9s 2	13n56	1s50					

ASTRODIENST EPHEMERIS for the year 1494

geocentric

MAY 1494 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	15 10 40	19° 3' 17"	19° 41'	2° 11' 50"	25° 11' 56"	24° 54'	3° 11' 16"	12° 47'	5° 58'	3° 42'	8° 14'	6° 12'	4° 47'	28° 37'	12° 43'	T 1
F 2	15 14 37	20° 1' 02"	4° 9'	4° 46'	26° 18'	25° 36'	3° 18'	12° 52'	5° 58'	3° 41'	8° 12'	6° 13'	4° 44'	28° 43'	12° 47'	F 2
S 3	15 18 33	20° 58' 47"	18° 57'	6° 39'	26° 37'	26° 18'	3° 21'	12° 56'	5° 58'	3° 40'	8° 11'	6° 12'	4° 41'	28° 50'	12° 51'	S 3
S 4	15 22 30	21° 56' 30"	3° 59'	8° 30'	26° 54'	27° 0'	3° 23'	13° 0'	5° 58'	3° 38'	8° 9'	6° 10'	4° 38'	28° 57'	12° 56'	S 4
M 5	15 26 26	22° 54' 13"	19° 7'	10° 17'	27° 10'	27° 42'	3° 25'	13° 4'	5° 57'	3° 37'	8° 7'	6° 5'	4° 34'	29° 3'	13° 0'	M 5
T 6	15 30 23	23° 51' 53"	4° 11' 12"	12° 2'	27° 23'	28° 24'	3° 28'	13° 8'	5° 57'	3° 36'	8° 6'	5° 59'	4° 31'	29° 10'	13° 4'	T 6
W 7	15 34 20	24° 49' 33"	19° 3'	13° 44'	27° 34'	29° 6'	3° 31'	13° 12'	5° 57'	3° 35'	8° 4'	5° 52'	4° 28'	29° 17'	13° 8'	W 7
T 8	15 38 16	25° 47' 11"	3° 53' 34"	15° 23'	27° 44'	29° 48'	3° 34'	13° 16'	5° 57'	3° 34'	8° 2'	5° 44'	4° 25'	29° 23'	13° 12'	T 8
F 9	15 42 13	26° 44' 48"	17° 38'	16° 58'	27° 51'	0° 11' 30"	3° 37'	13° 19'	5° 56'	3° 33'	8° 1'	5° 38'	4° 22'	29° 30'	13° 17'	F 9
S 10	15 46 9	27° 42' 23"	1° 13'	18° 31'	27° 56'	1° 12'	3° 40'	13° 23'	5° 56'	3° 32'	7° 59'	5° 33'	4° 18'	29° 37'	13° 21'	S 10
S 11	15 50 6	28° 39' 57"	14° 20'	20° 0'	27° 58'	1° 53'	3° 44'	13° 26'	5° 56'	3° 30'	7° 58'	5° 30'	4° 15'	29° 43'	13° 25'	S 11
M 12	15 54 2	29° 37' 29"	27° 2'	21° 26'	27° 58'	2° 35'	3° 47'	13° 30'	5° 55'	3° 29'	7° 56'	5° 29'	4° 12'	29° 50'	13° 29'	M 12
T 13	15 57 59	0° 11' 35' 00"	9° 11' 23"	22° 49'	27° 56'	3° 17'	3° 51'	13° 33'	5° 55'	3° 28'	7° 55'	5° 29'	4° 9'	29° 57'	13° 33'	T 13
W 14	16 1 55	1° 32' 30"	21° 28'	24° 9'	27° 51'	3° 58'	3° 55'	13° 37'	5° 54'	3° 26'	7° 53'	5° 30'	4° 6'	0° 11' 3	13° 37'	W 14
T 15	16 5 52	2° 29' 58"	3° 53' 23"	25° 25'	27° 44'	4° 40'	3° 59'	13° 40'	5° 53'	3° 25'	7° 52'	5° 30'	4° 3'	0° 10'	13° 41'	T 15
F 16	16 9 49	3° 27' 25"	15° 11'	26° 38'	27° 35'	5° 21'	4° 4'	13° 43'	5° 53'	3° 24'	7° 50'	5° 30'	3° 59'	0° 17'	13° 46'	F 16
S 17	16 13 45	4° 24' 51"	26° 58'	27° 47'	27° 23'	6° 3'	4° 8'	13° 46'	5° 52'	3° 22'	7° 49'	5° 28'	3° 56'	0° 23'	13° 50'	S 17
S 18	16 17 42	5° 22' 15"	8° 11' 48"	28° 53'	27° 9'	6° 44'	4° 13'	13° 49'	5° 51'	3° 21'	7° 47'	5° 23'	3° 53'	0° 30'	13° 54'	S 18
M 19	16 21 38	6° 19' 39"	20° 42'	29° 55'	26° 52'	7° 25'	4° 18'	13° 52'	5° 50'	3° 20'	7° 46'	5° 16'	3° 50'	0° 37'	13° 58'	M 19
T 20	16 25 35	7° 17' 02"	2° 47' 45"	0° 54' 54"	26° 33'	8° 7'	4° 22'	13° 54'	5° 50'	3° 18'	7° 44'	5° 6'	3° 47'	0° 43'	14° 2'	T 20
W 21	16 29 31	8° 14' 23"	14° 56'	1° 49'	26° 12'	8° 48'	4° 28'	13° 57'	5° 49'	3° 17'	7° 43'	4° 55'	3° 43'	0° 50'	14° 6'	W 21
T 22	16 33 28	9° 11' 44"	27° 17'	2° 40'	25° 48'	9° 29'	4° 33'	13° 59'	5° 48'	3° 15'	7° 42'	4° 44'	3° 40'	0° 57'	14° 10'	T 22
F 23	16 37 24	10° 9' 04"	9° 3' 49"	3° 28'	25° 23'	10° 10'	4° 38'	14° 2'	5° 47'	3° 14'	7° 40'	4° 33'	3° 37'	1° 3'	14° 14'	F 23
S 24	16 41 21	11° 6' 24"	22° 33'	4° 11'	24° 55'	10° 51'	4° 44'	14° 4'	5° 46'	3° 13'	7° 39'	4° 24'	3° 34'	1° 10'	14° 18'	S 24
S 25	16 45 18	12° 3' 43"	5° 58' 28"	4° 50'	24° 26'	11° 32'	4° 49'	14° 7'	5° 45'	3° 11'	7° 38'	4° 16'	3° 31'	1° 17'	14° 21'	S 25
M 26	16 49 14	13° 1' 01"	18° 37'	5° 26'	23° 55'	12° 14'	4° 55'	14° 9'	5° 44'	3° 10'	7° 36'	4° 12'	3° 28'	1° 23'	14° 25'	M 26
T 27	16 53 11	13° 58' 19"	2° 11' 0"	5° 57'	23° 22'	12° 55'	5° 1'	14° 11'	5° 42'	3° 8'	7° 35'	4° 9'	3° 24'	1° 30'	14° 29'	T 27
W 28	16 57 7	14° 55' 36"	15° 39'	6° 23'	22° 48'	13° 35'	5° 7'	14° 13'	5° 41'	3° 7'	7° 34'	4° 9'	3° 21'	1° 37'	14° 33'	W 28
T 29	17 1 4	15° 52' 53"	29° 35'	6° 45'	22° 13'	14° 16'	5° 13'	14° 15'	5° 40'	3° 5'	7° 33'	4° 9'	3° 18'	1° 43'	14° 37'	T 29
F 30	17 5 0	16° 50' 10"	13° 49' 49"	7° 3'	21° 37'	14° 57'	5° 20'	14° 17'	5° 39'	3° 4'	7° 31'	4° 9'	3° 15'	1° 50'	14° 41'	F 30
S 31	17 8 57	17° 47' 26"	28° 19' 19"	7° 51' 17"	21° 11' 0"	15° 38'	5° 26'	14° 18'	5° 37'	3° 2'	7° 30'	4° 7'	3° 12'	1° 57'	14° 44'	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n32	2s44	1n29	22n31	1n46	27n27	4n 1	19n17	0n15	11n34	1n19	8s26	1s48	19s25	0s37	22s25
F 2	17 48	1n50	0 11	22 59	1 52	27 25	3 58	19 28	0 16	11 33	1 19	8 25	1 48	19 25	0 37	22 25
S 3	18 3	6 23	1 s 8	23 25	1 58	27 22	3 54	19 39	0 16	11 32	1 19	8 23	1 48	19 26	0 37	22 25
S 4	18 18	10 37	2 25	23 48	2 3	27 18	3 50	19 49	0 17	11 31	1 19	8 22	1 49	19 26	0 37	22 25
M 5	18 33	14 10	3 31	24 9	2 8	27 14	3 46	19 59	0 18	11 30	1 18	8 21	1 49	19 26	0 37	22 25
T 6	18 47	16 45	4 22	24 27	2 11	27 9	3 41	20 9	0 18	11 29	1 18	8 19	1 49	19 26	0 37	22 25
W 7	19 1	18 9	4 55	24 43	2 14	27 4	3 35	20 19	0 19	11 27	1 18	8 18	1 49	19 26	0 37	22 25
T 8	19 15	18 20	5 8	24 57	2 16	26 59	3 30	20 29	0 19	11 26	1 18	8 17	1 50	19 26	0 37	22 25
F 9	19 29	17 22	5 1	25 8	2 17	26 53	3 24	20 38	0 20	11 25	1 18	8 16	1 50	19 26	0 37	22 25
S 10	19 42	15 25	4 38	25 17	2 17	26 46	3 17	20 47	0 21	11 23	1 17	8 14	1 50	19 26	0 37	22 25
S 11	19 55	12 44	4 0	25 24	2 17	26 39	3 10	20 56	0 21	11 22	1 17	8 13	1 50	19 26	0 37	22 25
M 12	20 7	9 32	3 12	25 29	2 15	26 32	3 3	21 5	0 22	11 20	1 17	8 12	1 51	19 26	0 37	22 25
T 13	20 20	5 58	2 16	25 31	2 13	26 24	2 55	21 14	0 22	11 19	1 17	8 11	1 51	19 27	0 37	22 25
W 14	20 31	2 15	1 15	25 32	2 10	26 15	2 46	21 22	0 23	11 17	1 17	8 10	1 51	19 27	0 37	22 25
T 15	20 43	1s31	0 11	25 32	2 6	26 6	2 37	21 31	0 23	11 16	1 16	8 9	1 51	19 27	0 37	22 25
F 16	20 54	5 12	0n52	25 29	2 2	25 57	2 28	21 39	0 24	11 14	1 16	8 8	1 51	19 27	0 37	22 25
S 17	21 5	8 40	1 52	25 25	1 56	25 47	2 18	21 47	0 25	11 12	1 16	8 7	1 52	19 27	0 37	22 25
S 18	21 15	11 49	2 48	25 20	1 50	25 36	2 8	21 54	0 25	11 10	1 16	8 6	1 52	19 28	0 37	22 25
M 19	21 25	14 29	3 37	25 13	1 43	25 25	1 57	22 2	0 26	11 8	1 16	8 5	1 52	19 28	0 37	22 25
T 20	21 35	16 34	4 17	25 5	1 35	25 14	1 46	22 9	0 26	11 6	1 16	8 5	1 52	19 28	0 37	22 25
W 21	21 44	17 55	4 45	24 56	1 27	25 1	1 35	22 16	0 27	11 4	1 15	8 4	1 53	19 28	0 37	22 25
T 22	21 53	18 28	5 1	24 46	1 17	24 49	1 23	22 23	0 27	11 2	1 15	8 3	1 53	19 29	0 37	22 25
F 23	22 2	18 7	5 2	24 35	1 7	24 35	1 10	22 30	0 28	11 0	1 15	8 2	1 53	19 29	0 37	22 25
S 24	22 10	16 52	4 48	24 22	0 56	24 22	0 57	22 36	0 28	10 58	1 15	8 2	1 53	19 29	0 38	22 25
S 25	22 18	14 45	4 20	24 9	0 45	24 7	0 44	22 42	0 29	10 55	1 15	8 1	1 54	19 29	0 38	22 25
M 26	22 25	11 51	3 37	23 56	0 32	23 52	0 31	22 48	0 30	10 53	1 14	8 0	1 54	19 30	0 38	22 25
T 27	22 32	8 16	2 42	23 41	0 19	23 37	0 17	22 54	0 30	10 51	1 14	8 0	1 54	19 30	0 38	22 25
W 28	22 39	4 11	1 37	23 27	0 6	23 22	0 3	23 0	0 31	10 48	1 14	7 59	1 54	19 30	0 38	22 25
T 29	22 45	0n12	0 24	23 11	0s 9	23 6	0s 11	23 5	0 31	10 46	1 14	7 59	1 55	19 31	0 38	22 25
F 30	22 51	4 41	0s 51	22 56	0 23	22 49	0 25	23 10	0 32	10 43	1 14	7 58	1 55	19 31	0 38	22 26
S 31	22n56	8n58	2s 5	22n40	0s 39	22n33	0s 39	23n16	0n 32	10n41	1n 14	7s 58	1s 55	19s 31	0s 38	22s 26

Julian Day Number = 2266861.5, Delta T = 05m03s

Ecliptic obliquity = 23°30'09", Nutation = 0°00'00", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°41'06", Lahiri = 16°48'06" Julian Calendar 1 May 1494 == Greg. Calendar 10 May 1494

ASTRODIENST EPHEMERIS for the year 1494

geocentric

JUNE 1494 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17 12 53	18II44'43	138 2	7925	20°R23	16II19	5733	14420	5°R36	3°R 0	7°R29	4°R 3	32 9	2M 3	14848	S 1
M 2	17 16 50	19°41'59	27°52	7°R29	19II45	17° 0	5°40	14°21	5335	2359	7M28	3256	3° 5	2°10	14°52	M 2
T 3	17 20 47	20°39'14	12II42	7°29	19° 8	17°40	5°47	14°23	5°33	2°57	7°27	3°47	3° 2	2°17	14°55	T 3
W 4	17 24 43	21°36'29	27°24	7°24	18°30	18°21	5°54	14°24	5°32	2°56	7°26	3°36	2°59	2°23	14°59	W 4
T 5	17 28 40	22°33'44	11848	7°15	17°53	19° 2	6° 1	14°25	5°30	2°54	7°25	3°25	2°56	2°30	15° 3	T 5
F 6	17 32 36	23°30'58	25°50	7° 1	17°17	19°42	6° 8	14°26	5°29	2°53	7°24	3°15	2°53	2°37	15° 6	F 6
S 7	17 36 33	24°28'12	926	6°44	16°42	20°23	6°16	14°27	5°27	2°51	7°23	3° 6	2°49	2°43	15°10	S 7
S 8	17 40 29	25°25'25	22°35	6°23	16° 8	21° 3	6°23	14°28	5°25	2°49	7°22	3° 1	2°46	2°50	15°13	S 8
M 9	17 44 26	26°22'38	5719	5°58	15°35	21°44	6°31	14°29	5°24	2°48	7°21	2°57	2°43	2°57	15°17	M 9
T 10	17 48 23	27°19'50	17°41	5°30	15° 4	22°24	6°39	14°30	5°22	2°46	7°20	2°56	2°40	3° 3	15°20	T 10
W11	17 52 19	28°17'01	29°48	4°59	14°34	23° 4	6°47	14°30	5°20	2°45	7°19	2°56	2°37	3°10	15°24	W11
T 12	17 56 16	29°14'12	11243	4°26	14° 7	23°45	6°55	14°31	5°18	2°43	7°18	2°56	2°34	3°17	15°27	T 12
F 13	18 0 12	0911'22	23°32	3°51	13°41	24°25	7° 3	14°31	5°17	2°41	7°17	2°55	2°30	3°23	15°30	F 13
S 14	18 4 9	1° 8'33	5721	3°16	13°17	25° 5	7°11	14°32	5°15	2°40	7°16	2°52	2°27	3°30	15°34	S 14
S 15	18 8 5	2° 5'43	17°13	2°39	12°55	25°45	7°20	14°32	5°13	2°38	7°16	2°46	2°24	3°37	15°37	S 15
M16	18 12 2	3° 2'52	29°14	2° 3	12°36	26°26	7°28	14°32	5°11	2°36	7°15	2°38	2°21	3°43	15°40	M16
T 17	18 15 58	4° 0'02	11225	1°28	12°19	27° 6	7°37	14°R32	5° 9	2°35	7°14	2°27	2°18	3°50	15°43	T 17
W18	18 19 55	4°57'11	23°48	0°53	12° 4	27°46	7°46	14°32	5° 7	2°33	7°13	2°15	2°15	3°57	15°47	W18
T 19	18 23 52	5°54'21	6325	0°21	11°52	28°26	7°54	14°32	5° 5	2°32	7°13	2° 2	2°11	4° 3	15°50	T 19
F 20	18 27 48	6°51'30	19°15	29II51	11°42	29° 6	8° 3	14°31	5° 3	2°30	7°12	1°49	2° 8	4°10	15°53	F 20
S 21	18 31 45	7°48'40	2218	29°25	11°35	29°46	8°12	14°31	5° 1	2°28	7°12	1°39	2° 5	4°17	15°56	S 21
S 22	18 35 41	8°45'50	15°32	29° 1	11°29	0926	8°22	14°30	4°59	2°27	7°11	1°30	2° 2	4°23	15°59	S 22
M23	18 39 38	9°43'00	28°57	28°42	11°27	1° 5	8°31	14°30	4°57	2°25	7°10	1°24	1°59	4°30	16° 2	M23
T 24	18 43 34	10°40'10	12433	28°27	11°D26	1°45	8°40	14°29	4°55	2°24	7°10	1°21	1°55	4°37	16° 5	T 24
W25	18 47 31	11°37'21	26°18	28°17	11°28	2°25	8°50	14°28	4°53	2°22	7° 9	1°D20	1°52	4°43	16° 7	W25
T 26	18 51 27	12°34'33	10V14	28°12	11°33	3° 5	8°59	14°28	4°51	2°20	7° 9	1°R20	1°49	4°50	16°10	T 26
F 27	18 55 24	13°31'45	24°20	28°D11	11°39	3°45	9° 9	14°27	4°49	2°19	7° 9	1°20	1°46	4°57	16°13	F 27
S 28	18 59 21	14°28'58	8336	28°16	11°48	4°24	9°18	14°25	4°46	2°17	7° 8	1°18	1°43	5° 3	16°16	S 28
S 29	19 3 17	15°26'11	22°59	28°26	11°58	5° 4	9°28	14°24	4°44	2°16	7° 8	1°14	1°40	5°10	16°18	S 29
M30	19 7 14	1623'25	7II26	28II42	12II11	5944	9738	14423	4442	2314	778	128	1236	5717	16221	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
S 1	23n 1	12n46	3s11	22n23	0s54	22n16	0s53	23n20	0n33	10n38	1n13	7s57	1s55	19s32	0s38	22s26	1n 3	1n 8	16n 1	1s37	1s15	9s53	14n30	1s54	
M 2	23 6	15 46	4 4	22 7	1 10	21 59	1 7	23 25	0 33	10 36	1 13	7 57	1 56	19 32	0 38	22 26	1 3	1 8	16 0	1 34	1 14	9 54	14 31	1 54	
T 3	23 10	17 44	4 42	21 51	1 27	21 42	1 21	23 29	0 34	10 33	1 13	7 57	1 56	19 33	0 38	22 26	1 3	1 8	16 0	1 30	1 13	9 56	14 32	1 54	
W 4	23 14	18 29	5 0	21 35	1 43	21 26	1 35	23 34	0 34	10 30	1 13	7 57	1 56	19 33	0 38	22 26	1 3	1 7	15 59	1 26	1 11	9 57	14 33	1 55	
T 5	23 18	18 1	4 58	21 19	2 0	21 9	1 48	23 38	0 35	10 27	1 13	7 56	1 56	19 33	0 38	22 26	1 2	1 7	15 59	1 22	1 10	9 59	14 34	1 55	
F 6	23 21	16 28	4 39	21 3	2 16	20 52	2 2	23 41	0 35	10 24	1 13	7 56	1 57	19 34	0 38	22 26	1 2	1 7	15 59	1 18	1 9	10 0	14 35	1 55	
S 7	23 23	14 1	4 4	20 48	2 32	20 36	2 15	23 45	0 36	10 22	1 12	7 56	1 57	19 34	0 38	22 26	1 2	1 7	15 58	1 14	1 8	10 2	14 36	1 55	
S 8	23 25	10 56	3 17	20 33	2 48	20 20	2 27	23 48	0 36	10 19	1 12	7 56	1 57	19 35	0 38	22 26	1 2	1 7	15 58	1 12	1 6	10 4	14 36	1 55	
M 9	23 27	7 24	2 21	20 18	3 4	20 5	2 39	23 51	0 37	10 16	1 12	7 56	1 58	19 35	0 38	22 26	1 2	1 7	15 57	1 11	1 5	10 5	14 37	1 55	
T 10	23 29	3 39	1 20	20 5	3 19	19 50	2 51	23 54	0 37	10 13	1 12	7 56	1 58	19 35	0 38	22 26	1 2	1 7	15 57	1 10	1 4	10 7	14 38	1 56	
W11	23 29	0s10	0 17	19 52	3 33	19 35	3 2	23 57	0 38	10 9	1 12	7 56	1 58	19 36	0 38	22 26	1 2	1 7	15 56	1 10	1 3	10 8	14 39	1 56	
T 12	23 30	3 56	0n46	19 40	3 46	19 22	3 13	24 0	0 38	10 6	1 12	7 56	1 58	19 36	0 38	22 26	1 2	1 6	15 56	1 10	1 1	10 10	14 40	1 56	
F 13	23 30	7 30	1 47	19 29	3 58	19 8	3 23	24 2	0 39	10 3	1 12	7 56	1 59	19 37	0 38	22 26	1 2	1 6	15 55	1 10	1 0	10 11	14 41	1 56	
S 14	23 30	10 47	2 43	19 19	4 9	18 56	3 33	24 4	0 39	10 0	1 11	7 56	1 59	19 37	0 38	22 26	1 2	1 6	15 55	1 8	0 59	10 13	14 41	1 56	
S 15	23 29	13 38	3 32	19 10	4 19	18 44	3 42	24 6	0 40	9 57	1 11	7 56	1 59	19 38	0 38	22 26	1 2	1 6	15 54	1 6	0 57	10 14	14 42	1 56	
M16	23 28	15 57	4 12	19 2	4 27	18 33	3 51	24 8	0 40	9 53	1 11	7 56	1 59	19 38	0 38	22 26	1 2	1 5	15 54	1 3	0 56	10 16	14 43	1 57	
T 17	23 27	17 34	4 41	18 56	4 34	18 23	3 59	24 9	0 41	9 50	1 11	7 57	2 0	19 39	0 38	22 26	1 2	1 5	15 53	0 59	0 55	10 17	14 44	1 57	
W18	23 25	18 25	4 57	18 51	4 39	18 14	4 6	24 10	0 41	9 47	1 11	7 57	2 0	19 39	0 38	22 26	1 2	1 5	15 53	0 54	0 54	10 19	14 44	1 57	
T 19	23 22	18 22	4 59	18 48	4 42	18 5	4 13	24 11	0 42	9 43	1 11	7 57	2 0	19 40	0 38	22 26	1 2	1 5	15 52	0 49	0 52	10 20	14 45	1 57	
F 20	23 19	17 23	4 47	18 46	4 44	17 58	4 20	24 12	0 42	9 40	1 11	7 57	2 0	19 40	0 38	22 26	1 2	1 4	15 52	0 44	0 51	10 22	14 46	1 57	
S 21	23 16	15 29	4 19	18 45	4 45	17 51	4 25	24 13	0 43	9 36	1 10	7 58	2 1	19 41	0 38	22 26	1 2	1 4	15 51	0 39	0 50	10 24	14 46	1 57	
S 22	23 13	12 46	3 37	18 46	4 44	17 45	4 31	24 13	0 43	9 33	1 10	7 58	2 1	19 41	0 38	22 26	1 2	1 4	15 51	0 36	0 49	10 25	14 47	1 58	
M23	23 9	9 20	2 42	18 48	4 41	17 40	4 36	24 14	0 44	9 29	1 10	7 59	2 1	19 42	0 38	22 26	1 2	1 3	15 50	0 34	0 47	10 27	14 48	1 58	
T 24	23 4	5 22	1 38	18 52	4 37	17 35	4 40	24 14	0 44	9 25	1 10	7 59	2 1	19 42	0 38	22 27	1 2	1 3	15 50	0 32	0 46	10 28	14 48	1 58	
W25	23 0	1 4	0 27	18 57	4 32	17 31	4 44	24 13	0 45	9 22	1 10	8 0	2 2	19 43	0 38	22 27	1 2	1 3	15 49	0 32	0 45	10 30	14 49	1 58	
T 26	22 54	3n21	0s47	19 4	4 25	17 29	4 48	24 13	0 45	9 18	1 10	8 0	2 2	19 43	0 38	22 27	1 2	1 2	15 49	0 32	0 44	10 31	14 50	1 58	
F 27	22 49	7 37	1 59	19 12	4 18	17 26	4 51	24 13	0 46	9 14	1 10	8 1	2 2	19 44	0 38	22 27	1 2	1 2	15 48	0 32	0 42	10 33	14 50	1 59	
S 28	22 43	11 30	3 4	19 21	4 9	17 25	4 53	24 12	0 46	9 10	1 10	8 2	2 2	19 45	0 38	22 27	1 2	1 2	15 47	0 31	0 41	10 34	14 51	1 59	
S 29	22 36	14 44	3 58	19 30	3 59	17 24	4 56	24 11	0 47	9 7	1 9	8 2	2 3	19 45	0 38	22 27	1 2	1 1	15 47	0 30	0 40	10 36	14 52	1 59	
M30	22n30	17n 3	4s37	19n41	3s48	17n24	4s58	24n10	0n47	9n 3	1n 9	8s 3	2s 3	19s46	0s38	22s27	1n 2	1n 1	15n46	0s27	0s38	10s37	14n52	1s59	

ASTRODIENST EPHEMERIS for the year 1494

geocentric

JULY 1494 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 11 10	17°20'40	21°11'52	29°11'4	12°11'26	6°23	9°48	14°R22	4°R40	2°R12	7°R 7	0°R59	1°233	5°M23	16°R24	T 1
W 2	19 15 7	18°17'56	6°12	29°31	12°43	7° 3	9°58	14°H20	4°37	2°11	7°M 7	0°48	1°30	5°30	16°26	W 2
T 3	19 19 3	19°15'12	20°18	0°3	13° 1	7°42	10° 8	14°19	4°35	2° 9	7° 7	0°37	1°27	5°37	16°29	T 3
F 4	19 23 0	20°12'28	4°6	0°41	13°22	8°22	10°19	14°17	4°33	2° 8	7° 7	0°27	1°24	5°43	16°31	F 4
S 5	19 26 56	21° 9'45	17°32	1°24	13°44	9° 1	10°29	14°15	4°31	2° 6	7° 6	0°19	1°21	5°50	16°33	S 5
S 6	19 30 53	22° 7'02	0°36	2°13	14° 8	9°41	10°40	14°13	4°28	2° 5	7° 6	0°13	1°17	5°57	16°36	S 6
M 7	19 34 50	23° 4'20	13°18	3° 7	14°33	10°20	10°50	14°11	4°26	2° 3	7° 6	0°10	1°14	6° 3	16°38	M 7
T 8	19 38 46	24° 1'38	25°40	4° 7	15° 0	11° 0	11° 1	14° 9	4°24	2° 2	7° 6	0°D 8	1°11	6°10	16°40	T 8
W 9	19 42 43	24°58'56	7°46	5°12	15°29	11°39	11°11	14° 7	4°21	2° 0	7°D 6	0° 8	1° 8	6°17	16°42	W 9
T 10	19 46 39	25°56'15	19°42	6°22	15°59	12°18	11°22	14° 5	4°19	1°59	7° 6	0° 9	1° 5	6°23	16°45	T 10
F 11	19 50 36	26°53'35	1°M33	7°36	16°30	12°57	11°33	14° 3	4°17	1°58	7° 6	0°R 9	1° 1	6°30	16°47	F 11
S 12	19 54 32	27°50'55	13°23	8°56	17° 3	13°37	11°44	14° 0	4°14	1°56	7° 6	0° 8	0°58	6°37	16°49	S 12
S 13	19 58 29	28°48'15	25°19	10°21	17°37	14°16	11°55	13°58	4°12	1°55	7° 6	0° 4	0°55	6°43	16°51	S 13
M14	20 2 25	29°45'37	7°A23	11°50	18°13	14°55	12° 6	13°55	4° 9	1°53	7° 7	29°M59	0°52	6°50	16°52	M14
T 15	20 6 22	0°42'58	19°41	13°24	18°49	15°34	12°17	13°53	4° 7	1°52	7° 7	29°51	0°49	6°57	16°54	T 15
W16	20 10 19	1°40'21	2°315	15° 1	19°27	16°13	12°28	13°50	4° 5	1°51	7° 7	29°42	0°46	7° 3	16°56	W16
T 17	20 14 15	2°37'44	15° 6	16°43	20° 6	16°52	12°39	13°47	4° 2	1°49	7° 7	29°32	0°42	7°10	16°58	T 17
F 18	20 18 12	3°35'09	28°14	18°28	20°46	17°31	12°51	13°44	4° 0	1°48	7° 8	29°22	0°39	7°17	17° 0	F 18
S 19	20 22 8	4°32'34	11°37	20°17	21°27	18°10	13° 2	13°41	3°57	1°47	7° 8	29°14	0°36	7°23	17° 1	S 19
S 20	20 26 5	5°30'00	25°15	22° 8	22° 9	18°49	13°13	13°38	3°55	1°45	7° 8	29° 8	0°33	7°30	17° 3	S 20
M21	20 30 1	6°27'27	9°H 4	24° 3	22°52	19°28	13°25	13°35	3°53	1°44	7° 9	29° 4	0°30	7°37	17° 4	M21
T 22	20 33 58	7°24'55	23° 1	25°59	23°36	20° 7	13°36	13°32	3°50	1°43	7° 9	29°D 2	0°27	7°43	17° 6	T 22
W23	20 37 54	8°22'25	7°Y 4	27°58	24°21	20°46	13°48	13°29	3°48	1°42	7°10	29° 2	0°23	7°50	17° 7	W23
T 24	20 41 51	9°19'56	21°11	29°58	25° 7	21°25	14° 0	13°25	3°45	1°40	7°10	29° 3	0°20	7°57	17° 8	T 24
F 25	20 45 48	10°17'29	5°B20	1°M59	25°54	22° 3	14°11	13°22	3°43	1°39	7°11	29°R 4	0°17	8° 3	17°10	F 25
S 26	20 49 44	11°15'03	19°30	4° 1	26°41	22°42	14°23	13°18	3°41	1°38	7°11	29° 4	0°14	8°10	17°11	S 26
S 27	20 53 41	12°12'38	3°H40	6° 4	27°29	23°21	14°35	13°15	3°38	1°37	7°12	29° 2	0°11	8°17	17°12	S 27
M28	20 57 37	13°10'16	17°46	8° 7	28°18	24° 0	14°47	13°11	3°36	1°36	7°12	28°58	0° 7	8°23	17°13	M28
T 29	21 1 34	14° 7'54	1°A47	10°10	29° 8	24°38	14°59	13° 7	3°34	1°35	7°13	28°53	0° 4	8°30	17°14	T 29
W30	21 5 30	15° 5'35	15°40	12°13	29°59	25°17	15°11	13° 4	3°31	1°34	7°14	28°46	0° 1	8°37	17°15	W30
T 31	21 9 27	16°13'16	29°20	14°M15	0°50	25°56	15°M23	13°H 0	3°29	1°33	7°M15	28°M39	29°M58	8°M43	17°B16	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22n22	18n18	4s58	19n53	3s37	17n24	4s59	24n 8	0n47	8n59	1n 9	8s 4	2s 3	19s46	0s38	22s27
W 2	22 15	18 21	5 1	20 5	3 25	17 25	5 0	24 7	0 48	8 55	1 9	8 5	2 3	19 47	0 38	22 27
T 3	22 7	17 16	4 45	20 18	3 12	17 26	5 1	24 5	0 48	8 51	1 9	8 5	2 4	19 47	0 38	22 27
F 4	21 59	15 12	4 12	20 31	2 59	17 28	5 2	24 3	0 49	8 47	1 9	8 6	2 4	19 48	0 38	22 27
S 5	21 50	12 21	3 26	20 44	2 45	17 31	5 2	24 1	0 49	8 43	1 9	8 7	2 4	19 48	0 39	22 27
S 6	21 41	8 57	2 30	20 58	2 31	17 34	5 2	23 58	0 50	8 39	1 9	8 8	2 4	19 49	0 39	22 27
M 7	21 31	5 13	1 29	21 11	2 17	17 37	5 1	23 56	0 50	8 35	1 9	8 9	2 5	19 50	0 39	22 27
T 8	21 22	1 22	0 24	21 24	2 3	17 41	5 1	23 53	0 51	8 31	1 8	8 10	2 5	19 50	0 39	22 27
W 9	21 11	2s28	0n41	21 36	1 48	17 44	5 0	23 50	0 51	8 27	1 8	8 11	2 5	19 51	0 39	22 27
T 10	21 1	6 9	1 43	21 48	1 33	17 49	4 59	23 47	0 52	8 22	1 8	8 12	2 5	19 51	0 39	22 27
F 11	20 50	9 33	2 40	21 58	1 19	17 53	4 57	23 44	0 52	8 18	1 8	8 13	2 5	19 52	0 39	22 27
S 12	20 39	12 34	3 30	22 8	1 4	17 58	4 56	23 40	0 52	8 14	1 8	8 14	2 6	19 52	0 39	22 27
S 13	20 27	15 5	4 11	22 16	0 50	18 3	4 54	23 37	0 53	8 10	1 8	8 16	2 6	19 53	0 39	22 27
M14	20 15	16 58	4 42	22 22	0 36	18 8	4 52	23 33	0 53	8 5	1 8	8 17	2 6	19 54	0 39	22 27
T 15	20 3	18 7	5 0	22 27	0 23	18 13	4 50	23 29	0 54	8 1	1 8	8 18	2 6	19 54	0 39	22 27
W16	19 50	18 24	5 5	22 30	0 9	18 18	4 47	23 25	0 54	7 57	1 8	8 19	2 7	19 55	0 39	22 28
T 17	19 37	17 47	4 54	22 30	0n 3	18 24	4 45	23 20	0 55	7 52	1 8	8 21	2 7	19 55	0 39	22 28
F 18	19 24	16 12	4 28	22 29	0 15	18 29	4 42	23 16	0 55	7 48	1 8	8 22	2 7	19 56	0 39	22 28
S 19	19 11	13 43	3 46	22 25	0 27	18 35	4 39	23 11	0 55	7 43	1 7	8 23	2 7	19 56	0 39	22 28
S 20	18 57	10 27	2 51	22 18	0 38	18 40	4 36	23 6	0 56	7 39	1 7	8 25	2 7	19 57	0 39	22 28
M21	18 42	6 34	1 45	22 9	0 48	18 46	4 33	23 1	0 56	7 34	1 7	8 26	2 8	19 58	0 39	22 28
T 22	18 28	2 17	0 32	21 57	0 57	18 51	4 30	22 55	0 57	7 30	1 7	8 27	2 8	19 58	0 39	22 28
W23	18 13	2n 9	0s43	21 42	1 6	18 57	4 26	22 50	0 57	7 25	1 7	8 29	2 8	19 59	0 39	22 28
T 24	17 58	6 29	1 57	21 24	1 14	19 2	4 23	22 44	0 57	7 21	1 7	8 30	2 8	19 59	0 39	22 28
F 25	17 43	10 27	3 3	21 5	1 20	19 7	4 19	22 39	0 58	7 16	1 7	8 32	2 8	20 0	0 39	22 28
S 26	17 27	13 50	3 58	20 42	1 26	19 12	4 16	22 33	0 58	7 11	1 7	8 33	2 9	20 0	0 39	22 28
S 27	17 11	16 22	4 39	20 17	1 32	19 17	4 12	22 26	0 59	7 7	1 7	8 35	2 9	20 1	0 39	22 28
M28	16 54	17 55	5 3	19 50	1 36	19 22	4 8	22 20	0 59	7 2	1 7	8 36	2 9	20 2	0 39	22 28
T 29	16 38	18 21	5 8	19 20	1 40	19 26	4 4	22 14	0 59	6 57	1 7	8 38	2 9	20 2	0 39	22 28
W30	16 21	17 41	4 55	18 49	1 42	19 31	4 0	22 7	1 0	6 53	1 7	8 40	2 9	20 3	0 39	22 28
T 31	16n 4	16n 0	4s26	18n16	1n44	19n35	3s55	22n 0	1n 0	6n48	1n 7	8s41	2s 9	20s 3	0s39	22s28

Julian Day Number = 2266922.5, Delta T = 05m03s

Ecliptic obliquity = 23°30'08, Nutation = 0°00'01, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°41'14, Lahiri = 16°48'15 Julian Calendar 1 July 1494 == Greg. Calendar 10 July 1494

ASTRODIENST EPHEMERIS for the year 1494

geocentric

AUGUST 1494 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21 13 23	17°0'59"	12°0'46"	16°0'16"	15°41'	26°34'	15°35'	12°R56	3°R27	1°R32	7°M15	28°R32	29°M55	8°M50	17°R17	F 1
S 2	21 17 20	17°58'44"	25°54'	18°17'	2°34'	27°13'	15°47'	12°K52	3°R24	1°R31	7°P16	28°M27	29°52'	8°57'	17°18'	S 2
S 3	21 21 17	18°56'29"	8°M45	20°16'	3°27'	27°51'	15°59'	12°48'	3°22'	1°30'	7°17'	28°23'	29°48'	9°4'	17°18'	S 3
M 4	21 25 13	19°54'16"	21°19'	22°15'	4°20'	28°30'	16°12'	12°44'	3°20'	1°29'	7°18'	28°22'	29°45'	9°10'	17°19'	M 4
T 5	21 29 10	20°52'04"	3°M36	24°12'	5°15'	29°8'	16°24'	12°40'	3°18'	1°28'	7°19'	28°D21	29°42'	9°17'	17°20'	T 5
W 6	21 33 6	21°49'54"	15°41'	26°9'	6°9'	29°47'	16°36'	12°36'	3°15'	1°27'	7°20'	28°23'	29°39'	9°24'	17°20'	W 6
T 7	21 37 3	22°47'45"	27°36'	28°4'	7°4'	0°R25	16°48'	12°32'	3°13'	1°26'	7°21'	28°24'	29°36'	9°30'	17°21'	T 7
F 8	21 40 59	23°45'37"	9°M27	29°57'	8°0'	1°4'	17°1'	12°28'	3°11'	1°25'	7°22'	28°26'	29°33'	9°37'	17°21'	F 8
S 9	21 44 56	24°43'30"	21°18'	1°M50	8°56'	1°42'	17°13'	12°23'	3°9'	1°24'	7°23'	28°R27	29°29'	9°44'	17°21'	S 9
S 10	21 48 52	25°41'25"	3°M13	3°41'	9°53'	2°20'	17°26'	12°19'	3°7'	1°23'	7°24'	28°26'	29°26'	9°50'	17°22'	S 10
M 11	21 52 49	26°39'21"	15°19'	5°31'	10°50'	2°59'	17°38'	12°15'	3°4'	1°23'	7°25'	28°25'	29°23'	9°57'	17°22'	M 11
T 12	21 56 46	27°37'18"	27°39'	7°19'	11°48'	3°37'	17°51'	12°10'	3°2'	1°22'	7°26'	28°22'	29°20'	10°4'	17°22'	T 12
W 13	22 0 42	28°35'17"	10°R17	9°6'	12°46'	4°15'	18°3'	12°6'	3°0'	1°21'	7°27'	28°18'	29°17'	10°10'	17°22'	W 13
T 14	22 4 39	29°33'17"	23°15'	10°52'	13°45'	4°53'	18°16'	12°1'	2°58'	1°21'	7°28'	28°14'	29°13'	10°17'	17°R22	T 14
F 15	22 8 35	0°M31'18"	6°M35	12°37'	14°44'	5°31'	18°29'	11°57'	2°56'	1°20'	7°29'	28°9'	29°10'	10°24'	17°R22	F 15
S 16	22 12 32	1°29'22"	20°16'	14°20'	15°43'	6°10'	18°41'	11°52'	2°54'	1°19'	7°31'	28°5'	29°7'	10°30'	17°22'	S 16
S 17	22 16 28	2°27'26"	4°K15	16°2'	16°43'	6°48'	18°54'	11°48'	2°52'	1°19'	7°32'	28°3'	29°4'	10°37'	17°22'	S 17
M 18	22 20 25	3°25'33"	18°29'	17°43'	17°43'	7°26'	19°7'	11°43'	2°50'	1°18'	7°33'	28°1'	29°1'	10°44'	17°22'	M 18
T 19	22 24 21	4°23'41"	2°M53	19°23'	18°43'	8°4'	19°19'	11°39'	2°48'	1°18'	7°35'	28°D1'	28°58'	10°50'	17°21'	T 19
W 20	22 28 18	5°21'51"	17°21'	21°1'	19°44'	8°42'	19°32'	11°34'	2°46'	1°17'	7°36'	28°2'	28°54'	10°57'	17°21'	W 20
T 21	22 32 14	6°20'03"	1°M49	22°39'	20°45'	9°20'	19°45'	11°30'	2°44'	1°17'	7°37'	28°3'	28°51'	11°4'	17°21'	T 21
F 22	22 36 11	7°18'17"	16°13'	24°15'	21°47'	9°58'	19°58'	11°25'	2°43'	1°16'	7°39'	28°4'	28°48'	11°10'	17°20'	F 22
S 23	22 40 8	8°16'34"	0°M29	25°50'	22°49'	10°36'	20°10'	11°21'	2°41'	1°16'	7°40'	28°5'	28°45'	11°17'	17°20'	S 23
S 24	22 44 4	9°14'52"	14°35'	27°24'	23°51'	11°14'	20°23'	11°16'	2°39'	1°16'	7°42'	28°R5'	28°42'	11°24'	17°19'	S 24
M 25	22 48 1	10°13'13"	28°30'	28°56'	24°54'	11°52'	20°36'	11°11'	2°37'	1°15'	7°43'	28°5'	28°38'	11°30'	17°18'	M 25
T 26	22 51 57	11°11'36"	12°R12	0°M28	25°57'	12°29'	20°49'	11°7'	2°35'	1°15'	7°45'	28°3'	28°35'	11°37'	17°18'	T 26
W 27	22 55 54	12°10'01"	25°41'	1°58'	27°0'	13°7'	21°2'	11°2'	2°34'	1°15'	7°46'	28°1'	28°32'	11°44'	17°17'	W 27
T 28	22 59 50	13°8'28"	8°R56	3°27'	28°3'	13°45'	21°15'	10°57'	2°32'	1°14'	7°48'	27°59'	28°29'	11°50'	17°16'	T 28
F 29	23 3 47	14°6'57"	21°57'	4°55'	29°7'	14°23'	21°28'	10°53'	2°31'	1°14'	7°50'	27°57'	28°26'	11°57'	17°15'	F 29
S 30	23 7 43	15°5'28"	4°M44	6°22'	0°R11	15°1'	21°41'	10°48'	2°29'	1°14'	7°51'	27°55'	28°23'	12°4'	17°14'	S 30
S 31	23 11 40	16°M4'01"	17°M18	7°M48	1°R16	15°R38	21°M54	10°K44	2°M27	1°R14	7°M53	27°M55	28°M19	12°M11	17°R13	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	decl	lat	decl	lat	
F 1	15n47	13n28	3s42	17n41	1n46	19n38	3s51	21n53	1n1	6n43	1n7	8s43	2s10	20s4	0s39	22s28	1n1	0n41	15n28	0n35	0n2	11s25	15n1	2s6						
S 2	15 29	10 18	2 47	17 4	1 46	19 42	3 47	21 46	1 1	6 38	1 7	8 45	2 10	20 4	0 39	22 28	1 1	0 40	15 28	0 37	0 3	11 26	15 1	2 6						
S 3	15 11	6 42	1 45	16 26	1 46	19 45	3 42	21 39	1 1	6 34	1 6	8 46	2 10	20 5	0 39	22 28	1 1	0 39	15 27	0 39	0 5	11 28	15 1	2 7						
M 4	14 53	2 52	0 38	15 47	1 45	19 48	3 38	21 31	1 2	6 29	1 6	8 48	2 10	20 5	0 39	22 28	1 1	0 39	15 26	0 39	0 6	11 29	15 1	2 7						
T 5	14 35	1s0	0n29	15 7	1 44	19 51	3 33	21 24	1 2	6 24	1 6	8 50	2 10	20 6	0 39	22 28	1 1	0 38	15 26	0 39	0 7	11 31	15 1	2 7						
W 6	14 16	4 45	1 33	14 26	1 42	19 53	3 29	21 16	1 3	6 19	1 6	8 51	2 10	20 6	0 39	22 28	1 1	0 37	15 25	0 39	0 8	11 32	15 1	2 7						
T 7	13 57	8 16	2 33	13 44	1 39	19 55	3 24	21 8	1 3	6 14	1 6	8 53	2 11	20 7	0 39	22 29	1 1	0 36	15 25	0 38	0 10	11 34	15 1	2 8						
F 8	13 38	11 25	3 26	13 1	1 36	19 57	3 19	21 0	1 3	6 9	1 6	8 55	2 11	20 7	0 39	22 29	1 1	0 35	15 24	0 38	0 11	11 35	15 1	2 8						
S 9	13 19	14 7	4 10	12 18	1 33	19 58	3 15	20 52	1 4	6 5	1 6	8 57	2 11	20 8	0 39	22 29	1 1	0 35	15 24	0 37	0 12	11 36	15 1	2 8						
S 10	12 59	16 13	4 43	11 34	1 29	19 59	3 10	20 44	1 4	6 0	1 6	8 58	2 11	20 8	0 39	22 29	1 1	0 34	15 23	0 37	0 13	11 38	15 1	2 8						
M 11	12 40	17 38	5 5	10 50	1 25	19 59	3 5	20 35	1 4	5 55	1 6	9 0	2 11	20 9	0 39	22 29	1 1	0 33	15 23	0 38	0 15	11 39	15 0	2 8						
T 12	12 20	18 16	5 13	10 5	1 20	19 59	3 0	20 27	1 5	5 50	1 6	9 2	2 11	20 9	0 39	22 29	1 1	0 32	15 22	0 39	0 16	11 41	15 0	2 9						
W 13	12 0	18 1	5 6	9 20	1 15	19 59	2 55	20 18	1 5	5 45	1 6	9 4	2 11	20 10	0 39	22 29	1 1	0 31	15 22	0 41	0 17	11 42	15 0	2 9						
T 14	11 39	16 50	4 44	8 35	1 10	19 58	2 50	20 9	1 6	5 40	1 6	9 6	2 11	20 10	0 39	22 29	1 1	0 30	15 21	0 42	0 19	11 44	15 0	2 9						
F 15	11 19	14 42	4 6	7 50	1 4	19 57	2 45	20 0	1 6	5 35	1 6	9 7	2 12	20 11	0 39	22 29	1 1	0 29	15 20	0 44	0 20	11 45	15 0	2 9						
S 16	10 58	11 43	3 13	7 4	0 58	19 55	2 40	19 51	1 6	5 30	1 6	9 9	2 12	20 11	0 39	22 29	1 1	0 29	15 20	0 46	0 21	11 46	14 59	2 10						
S 17	10 38	8 0	2 7	6 19	0 52	19 53	2 35	19 42	1 7	5 25	1 6	9 11	2 12	20 12	0 39	22 29	1 1	0 28	15 19	0 47	0 22	11 48	14 59	2 10						
M 18	10 17	3 46	0 52	5 34	0 45	19 51	2 30	19 33	1 7	5 20	1 6	9 13	2 12	20 12	0 39	22 29	1 1	0 27	15 19	0 47	0 24	11 49	14 59	2 10						
T 19	9 55	0n44	0s27	4 48	0 39	19 48	2 25	19 23	1 7	5 15	1 6	9 15	2 12	20 13	0 39	22 29	1 1	0 26	15 18	0 47	0 25	11 51	14 58	2 10						
W 20	9 34	5 13	1 45	4 3	0 32	19 44	2 20	19 13	1 8	5 10	1 6	9 17	2 12	20 13	0 38	22 29	1 1	0 25	15 18	0 47	0 26	11 52	14 58	2 11						
T 21	9 13	9 23	2 56	3 18	0 25	19 40	2 15	19 4	1 8	5 5	1 6	9 18	2 12	20 13	0 38	22 29	1 1	0 24	15 17	0 47	0 27	11 54	14 58	2 11						
F 22	8 51	12 58	3 55	2 34	0 18	19 36	2 10	18 54	1 8	5 0	1 6	9 20	2 12	20 14	0 38	22 29	1 1	0 23	15 17	0 46	0 29	11 55	14 57	2 11						
S 23	8 29	15 44	4 40	1 49	0 10	19 31	2 5	18 44	1 9	4 55	1 6	9 22	2 12	20 14	0 38	22 29	1 1	0 22	15 16	0 46	0 30	11 56	14 57	2 11						
S 24	8 7	17 31	5 7	1 5	0 3	19 25	2 0	18 34	1 9	4 50	1 6	9 24	2 12	20 15	0 38	22 29	1 0	0 21	15 16	0 46	0 31	11 58	14 57	2 11						
M 25	7 45	18 14	5 16	0 21	0s5	19 19	1 55	18 23	1 9	4 45	1 6	9 26	2 12	20 15	0 38	22 29	1 0	0 20	15 15	0 46	0 33	11 59	14 56	2 12						
T 26	7 23	17 51	5 6	0s22	0 12	19 13	1 50	18 13	1 10	4 39	1 6	9 27	2 12	20 15	0 38	22 29	1 0	0 20	15 15	0 47	0 34	12 1	14 56	2 12						
W 27	7 1	16 29	4 40	1 6	0 20	19 6	1 45	18 3	1 10	4 34	1 6	9 29	2 12	20 16	0 38	22 29	1 0	0 19	15 15	0 47	0 35	12 2	14 55	2 12						
T 28	6 38	14 14	3 59	1 48	0 28	18 58	1 40	17 52	1 11	4 29	1 6	9 31	2 13	20 16	0 38	22 30	1 0	0 18	15 14	0 48	0 36	12 4	14 55	2 12						
F 29	6 16	11 17	3 6	2 31	0 36	18 50	1 35	17 41	1 11	4 24	1 6	9 33	2 13	20 16	0 38	22 30	1 0	0 17	15 14	0 49	0 38	12 5	14 54	2 13						
S 30	5 53	7 52	2 5	3 12	0 44	18 42	1 30	17 31	1 11	4 19	1 6	9 35	2 13	20 17	0 38	22 30	1 0	0 16	15 13	0 50	0 39	12 6	14 54	2 13						
S 31	5n31	4n8	0s59	3s54	0s52	18n33	1s25	17n20	1n12	4n14	1n6	9s37	2s13	20s17	0s38	22s30	1n0	0n15	15n13	0n50	0n40	12s8	14n53	2s13						

ASTRODIENST EPHEMERIS for the year 1494
geocentric

SEPTEMBER 1494 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	23 15 37	17 ¹⁷ 2'36	29 ¹⁷ 38	9 ¹² 12	2 ²⁰ 20	16 ¹⁶ 16	22 ²² 7	10 ¹⁰ R39	2 ² R26	1 ¹ R14	7 ⁷ M55	27 ²⁷ D54	28 ²⁸ 16	12 ¹² M17	17 ¹⁷ R12	M 1
T 2	23 19 33	18 ¹⁸ 1'12	11 ¹¹ 48	10 ¹⁰ 36	3 ³ 25	16 ¹⁶ 54	22 ²² 20	10 ¹⁰ H34	2 ² 24	1 ¹ 14	7 ⁷ 56	27 ²⁷ 55	28 ²⁸ 13	12 ¹² 24	17 ¹⁷ 11	T 2
W 3	23 23 30	18 ¹⁸ 59'51	23 ²³ 48	11 ¹¹ 58	4 ⁴ 30	17 ¹⁷ 32	22 ²² 33	10 ¹⁰ 30	2 ² 23	1 ¹ 14	7 ⁷ 58	27 ²⁷ 55	28 ²⁸ 10	12 ¹² 31	17 ¹⁷ 10	W 3
T 4	23 27 26	19 ¹⁹ 58'31	5 ⁵ M41	13 ¹³ 19	5 ⁵ 35	18 ¹⁸ 9	22 ²² 46	10 ¹⁰ 25	2 ² 22	1 ¹ D14	8 ⁸ 0	27 ²⁷ 56	28 ²⁸ 7	12 ¹² 37	17 ¹⁷ 8	T 4
F 5	23 31 23	20 ²⁰ 57'14	17 ¹⁷ 31	14 ¹⁴ 38	6 ⁶ 41	18 ¹⁸ 47	22 ²² 59	10 ¹⁰ 21	2 ² 20	1 ¹ 14	8 ⁸ 2	27 ²⁷ 57	28 ²⁸ 4	12 ¹² 44	17 ¹⁷ 7	F 5
S 6	23 35 19	21 ²¹ 55'58	29 ²⁹ 21	15 ¹⁵ 56	7 ⁷ 47	19 ¹⁹ 24	23 ²³ 12	10 ¹⁰ 16	2 ² 19	1 ¹ 14	8 ⁸ 3	27 ²⁷ 58	28 ²⁸ 0	12 ¹² 51	17 ¹⁷ 6	S 6
S 7	23 39 16	22 ²² 54'44	11 ¹¹ 15	17 ¹⁷ 13	8 ⁸ 53	20 ²⁰ 2	23 ²³ 25	10 ¹⁰ 12	2 ² 18	1 ¹ 14	8 ⁸ 5	27 ²⁷ 58	27 ²⁷ 57	12 ¹² 57	17 ¹⁷ 4	S 7
M 8	23 43 12	23 ²³ 53'31	23 ²³ 19	18 ¹⁸ 28	9 ⁹ 59	20 ²⁰ 39	23 ²³ 38	10 ¹⁰ 7	2 ² 17	1 ¹ 14	8 ⁸ 7	27 ²⁷ R58	27 ²⁷ 54	13 ¹³ 4	17 ¹⁷ 3	M 8
T 9	23 47 9	24 ²⁴ 52'12	5 ⁵ 37	19 ¹⁹ 41	11 ¹¹ 6	21 ²¹ 17	23 ²³ 51	10 ¹⁰ 3	2 ² 15	1 ¹ 14	8 ⁸ 9	27 ²⁷ 58	27 ²⁷ 51	13 ¹³ 11	17 ¹⁷ 1	T 9
W10	23 51 6	25 ²⁵ 51'12	18 ¹⁸ 13	20 ²⁰ 53	12 ¹² 12	21 ²¹ 54	24 ²⁴ 4	9 ⁹ 59	2 ² 14	1 ¹ 14	8 ⁸ 11	27 ²⁷ 58	27 ²⁷ 48	13 ¹³ 17	16 ¹⁶ 59	W10
T 11	23 55 2	26 ²⁶ 50'05	1 ¹ 10	22 ²² 3	13 ¹³ 19	22 ²² 32	24 ²⁴ 17	9 ⁹ 54	2 ² 13	1 ¹ 14	8 ⁸ 13	27 ²⁷ 58	27 ²⁷ 44	13 ¹³ 24	16 ¹⁶ 58	T 11
F 12	23 58 59	27 ²⁷ 48'59	14 ¹⁴ 32	23 ²³ 12	14 ¹⁴ 26	23 ²³ 9	24 ²⁴ 30	9 ⁹ 50	2 ² 12	1 ¹ 15	8 ⁸ 15	27 ²⁷ D58	27 ²⁷ 41	13 ¹³ 31	16 ¹⁶ 56	F 12
S 13	0 2 55	28 ²⁸ 47'56	28 ²⁸ 19	24 ²⁴ 18	15 ¹⁵ 34	23 ²³ 46	24 ²⁴ 43	9 ⁹ 46	2 ² 11	1 ¹ 15	8 ⁸ 17	27 ²⁷ 58	27 ²⁷ 38	13 ¹³ 37	16 ¹⁶ 54	S 13
S 14	0 6 52	29 ²⁹ 46'54	12 ¹² 31	25 ²⁵ 22	16 ¹⁶ 41	24 ²⁴ 24	24 ²⁴ 56	9 ⁹ 42	2 ² 10	1 ¹ 15	8 ⁸ 19	27 ²⁷ 58	27 ²⁷ 35	13 ¹³ 44	16 ¹⁶ 52	S 14
M15	0 10 48	0 ⁰ 45'54	27 ²⁷ 3	26 ²⁶ 24	17 ¹⁷ 49	25 ²⁵ 1	25 ²⁵ 9	9 ⁹ 37	2 ² 9	1 ¹ 16	8 ⁸ 21	27 ²⁷ R58	27 ²⁷ 32	13 ¹³ 51	16 ¹⁶ 50	M15
T 16	0 14 45	1 ¹ 44'56	11 ¹¹ 50	27 ²⁷ 23	18 ¹⁸ 57	25 ²⁵ 38	25 ²⁵ 22	9 ⁹ 33	2 ² 8	1 ¹ 16	8 ⁸ 23	27 ²⁷ 58	27 ²⁷ 29	13 ¹³ 57	16 ¹⁶ 49	T 16
W17	0 18 41	2 ² 44'01	26 ²⁶ 44	28 ²⁸ 20	20 ²⁰ 5	26 ²⁶ 16	25 ²⁵ 34	9 ⁹ 29	2 ² 8	1 ¹ 16	8 ⁸ 25	27 ²⁷ 58	27 ²⁷ 25	14 ¹⁴ 4	16 ¹⁶ 47	W17
T 18	0 22 38	3 ³ 43'07	11 ¹¹ 39	29 ²⁹ 13	21 ²¹ 13	26 ²⁶ 53	25 ²⁵ 47	9 ⁹ 25	2 ² 7	1 ¹ 17	8 ⁸ 27	27 ²⁷ 57	27 ²⁷ 22	14 ¹⁴ 11	16 ¹⁶ 44	T 18
F 19	0 26 34	4 ⁴ 42'16	26 ²⁶ 25	0 ⁰ M. 4	22 ²² 21	27 ²⁷ 30	26 ²⁶ 0	9 ⁹ 21	2 ² 6	1 ¹ 17	8 ⁸ 29	27 ²⁷ 56	27 ²⁷ 19	14 ¹⁴ 18	16 ¹⁶ 42	F 19
S 20	0 30 31	5 ⁵ 41'28	10 ¹⁰ 57	0 ⁰ 50	23 ²³ 30	28 ²⁸ 7	26 ²⁶ 13	9 ⁹ 17	2 ² 6	1 ¹ 18	8 ⁸ 31	27 ²⁷ 56	27 ²⁷ 16	14 ¹⁴ 24	16 ¹⁶ 40	S 20
S 21	0 34 28	6 ⁶ 40'41	25 ²⁵ 12	1 ¹ 34	24 ²⁴ 39	28 ²⁸ 44	26 ²⁶ 26	9 ⁹ 14	2 ² 5	1 ¹ 18	8 ⁸ 33	27 ²⁷ 55	27 ²⁷ 13	14 ¹⁴ 31	16 ¹⁶ 38	S 21
M22	0 38 24	7 ⁷ 39'58	9 ⁹ 6	2 ² 12	25 ²⁵ 48	29 ²⁹ 21	26 ²⁶ 39	9 ⁹ 10	2 ² 4	1 ¹ 19	8 ⁸ 35	27 ²⁷ D55	27 ²⁷ 9	14 ¹⁴ 38	16 ¹⁶ 36	M22
T 23	0 42 21	8 ⁸ 39'16	22 ²² 39	2 ² 47	26 ²⁶ 57	29 ²⁹ 59	26 ²⁶ 52	9 ⁹ 6	2 ² 4	1 ¹ 20	8 ⁸ 38	27 ²⁷ 55	27 ²⁷ 6	14 ¹⁴ 44	16 ¹⁶ 33	T 23
W24	0 46 17	9 ⁹ 38'37	5 ⁵ 53	3 ³ 16	28 ²⁸ 6	0 ⁰ M36	27 ²⁷ 5	9 ⁹ 2	2 ² 3	1 ¹ 20	8 ⁸ 40	27 ²⁷ 56	27 ²⁷ 3	14 ¹⁴ 51	16 ¹⁶ 31	W24
T 25	0 50 14	10 ¹⁰ 38'00	18 ¹⁸ 49	3 ³ 40	29 ²⁹ 16	1 ¹ 13	27 ²⁷ 18	8 ⁸ 59	2 ² 3	1 ¹ 21	8 ⁸ 42	27 ²⁷ 57	27 ²⁷ 0	14 ¹⁴ 58	16 ¹⁶ 29	T 25
F 26	0 54 10	11 ¹¹ 37'25	1 ¹ 30	3 ³ 58	0 ⁰ M25	1 ¹ 50	27 ²⁷ 30	8 ⁸ 55	2 ² 3	1 ¹ 22	8 ⁸ 44	27 ²⁷ 58	26 ²⁶ 57	15 ¹⁵ 4	16 ¹⁶ 26	F 26
S 27	0 58 7	12 ¹² 36'53	13 ¹³ 58	4 ⁴ 10	1 ¹ 35	2 ² 27	27 ²⁷ 43	8 ⁸ 52	2 ² 2	1 ¹ 22	8 ⁸ 46	27 ²⁷ 59	26 ²⁶ 54	15 ¹⁵ 11	16 ¹⁶ 24	S 27
S 28	1 2 3	13 ¹³ 36'22	26 ²⁶ 14	4 ⁴ R15	2 ² 45	3 ³ 4	27 ²⁷ 56	8 ⁸ 48	2 ² 2	1 ¹ 23	8 ⁸ 49	28 ²⁸ R 0	26 ²⁶ 50	15 ¹⁵ 18	16 ¹⁶ 21	S 28
M29	1 6 0	14 ¹⁴ 35'54	8 ⁸ 22	4 ⁴ 12	3 ³ 55	3 ³ 40	28 ²⁸ 9	8 ⁸ 45	2 ² 2	1 ¹ 24	8 ⁸ 51	27 ²⁷ 59	26 ²⁶ 47	15 ¹⁵ 24	16 ¹⁶ 19	M29
T 30	1 9 57	15 ¹⁵ 35'28	20 ²⁰ 22	4 ⁴ M. 2	5 ⁵ M. 5	4 ⁴ M. 17	28 ²⁸ M22	8 ⁸ H42	2 ² 2	1 ¹ 25	8 ⁸ M53	27 ²⁷ M58	26 ²⁶ M44	15 ¹⁵ M31	16 ¹⁶ 16	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
M 1	5n 8	0n17	0n10	4s34	1s 0	18n24	1s20	17n 9	1n12	4n 9	1n 6	9s38	2s13	20s17	0s38	22s30	1n 0	0n14	15n12	0n50	0n41	12s 9	14n53	2s13			
T 2	4 45	3s30	1 16	5 14	1 8	18 14	1 15	16 58	1 12	4 4	1 6	9 40	2 13	20 18	0 38	22 30	1 0	0 13	15 12	0 50	0 43	12 11	14 52	2 14			
W 3	4 22	7 7	2 19	5 54	1 15	18 3	1 10	16 46	1 13	3 58	1 6	9 42	2 13	20 18	0 38	22 30	1 0	0 12	15 11	0 50	0 44	12 12	14 52	2 14			
T 4	3 59	10 23	3 15	6 33	1 23	17 52	1 5	16 35	1 13	3 53	1 6	9 44	2 13	20 18	0 38	22 30	1 0	0 11	15 11	0 49	0 45	12 13	14 51	2 14			
F 5	3 36	13 14	4 2	7 11	1 31	17 41	1 0	16 24	1 13	3 48	1 6	9 45	2 13	20 19	0 38	22 30	1 0	0 10	15 11	0 49	0 46	12 15	14 51	2 14			
S 6	3 13	15 31	4 39	7 48	1 39	17 29	0 56	16 12	1 14	3 43	1 6	9 47	2 13	20 19	0 38	22 30	1 0	0 9	15 10	0 49	0 48	12 16	14 50	2 14			
S 7	2 49	17 10	5 4	8 25	1 47	17 16	0 51	16 1	1 14	3 38	1 6	9 49	2 13	20 19	0 38	22 30	1 0	0 8	15 10	0 49	0 49	12 18	14 49	2 15			
M 8	2 26	18 4	5 17	9 1	1 54	17 3	0 46	15 49	1 14	3 33	1 6	9 50	2 13	20 19	0 38	22 30	1 0	0 7	15 9	0 49	0 50	12 19	14 49	2 15			
T 9	2 3	18 8	5 15	9 36	2 2	16 49	0 42	15 37	1 14	3 28	1 6	9 52	2 13	20 20	0 38	22 30	1 0	0 6	15 9	0 49	0 52	12 20	14 48	2 15			
W10	1 39	17 20	4 58	10 10	2 9	16 35	0 37	15 25	1 15	3 23	1 6	9 54	2 13	20 20	0 38	22 30	1 0	0 5	15 9	0 49	0 53	12 22	14 47	2 15			
T 11	1 16	15 37	4 26	10 43	2 16	16 21	0 32	15 13	1 15	3 17	1 6	9 55	2 13	20 20	0 38	22 30	1 0	0 5	15 8	0 49	0 54	12 23	14 47	2 16			
F 12	0 52	13 2	3 39	11 15	2 23	16 6	0 28	15 1	1 15	3 12	1 6	9 57	2 13	20 20	0 38	22 30	1 0	0 4	15 8	0 49	0 55	12 25	14 46	2 16			
S 13	0 29	9 38	2 37	11 46	2 30	15 51	0 23	14 49	1 16	3 7	1 6	9 59	2 13	20 21	0 38	22 30	1 0	0 3	15 7	0 49	0 57	12 26	14 45	2 16			
S 14	0 5	5 35	1 25	12 16	2 37	15 35	0 19	14 37	1 16	3 2	1 6	10 0	2 13	20 21	0 38	22 30	1 0	0 2	15 7	0 49	0 58	12 27	14 45	2 16			
M15	0s18	1 6	0 5	12 45	2 43	15 18	0 14	14 25	1 16	2 57	1 6	10 2	2 13	20 21	0 38	22 30	1 0	0 1	15 7	0 49	0 59	12 29	14 44	2 16			
T 16	0 42	3n31	1s16	13 12	2 49	15 1	0 10	14 13	1 17	2 52	1 6	10 3	2 13	20 21	0 38	22 30	0 59	0s 0	15 6	0 49	1 0	12 30	14 43	2 17			
W17	1 5	7 57	2 33	13 38	2 55	14 44	0 6	14 0	1 17	2 47	1 6	10 5	2 13	20 21	0 38	22 30	0 59	0 1	15 6	0 49	1 2	12 31	14 42	2 17			
T 18	1 29	11 53	3 40	14 2	3 0	14 26	0 2	13 48	1 17	2 41	1 6	10 6	2 12	20 21	0 38	22 30	0 59	0 2	15 6	0 49	1 3	12 33	14 42	2 17			
F 19	1 52	15 1	4 31	14 25	3 5	14 8	0n 3	13 35	1 18	2 36	1 6	10 8	2 12	20 22	0 38	22 30	0 59	0 3	15 5	0 49	1 4	12 34	14 41	2 17			
S 20	2 16	17 8	5 4	14 45	3 10	13 50	0 7	13 23	1 18	2 31	1 6	10 9	2 12	20 22	0 38	22 30	0 59	0 4	15 5	0 50	1 5	12 36	14 40	2 17			
S 21	2 39	18 8	5 17	15 4	3 14	13 31	0 11	13 10	1 18	2 26	1 6	10 10	2 12	20 22	0 38	22 30	0 59	0 5	15 5	0 50	1 7	12 37	14 39	2 18			
M22	3 3	18 1	5 11	15 21	3 17	13 11	0 15	12 57	1 19	2 21	1 6	10 12	2 12	20 22	0 38	22 31	0 59	0 6	15 4	0 50	1 8	12 38	14 38	2 18			
T 23	3 26	16 51	4 48	15 36	3 20	12 51	0 19	12 44	1 19	2 16	1 7	10 13	2 12	20 22	0 38	22 31	0 59	0 7	15 4	0 50	1 9	12 40	14 38	2 18			
W24	3 50	14 48	4 10	15 48	3 22	12 31	0 22	12 32	1 19	2 11	1 7	10 14	2 12	20 22	0 38	22 31	0 59	0 8	15 4	0 49	1 11	12 41	14 37	2 18			
T 25	4 13	12 3	3 20	15 57	3 23	12 10	0 26	12 19	1 19	2 6	1 7	10 16	2 12	20 22	0 38	22 31	0 59	0 9	15 4	0 49	1 12	12 42	14 36	2 18			
F 26	4 37	8 46	2 22	16 3	3 23	11 49	0 30	12 6	1 20	2 1	1 7	10 17	2 12	20 22	0 38	22 31	0 59	0 10	15 3	0 49	1 13	12 44	14 35	2 19			
S 27	5 0	5 9	1 17	16 7	3 22	11 28	0 34	11 53	1 20	1 56	1 7	10 18	2 12	20 22	0 38	22 31	0 59	0 11	15 3	0 48	1 14	12 45	14 34	2 19			
S 28	5 23	1 21	0 10	16 6	3 20	11 6	0 37	11 39	1 20	1 51	1 7	10 19	2 12	20 22	0 38	22 31	0 59	0 11	15 3	0 48	1 16	12 47	14 33	2 19			
M29	5 46	2s27	0n57	16 2	3 17	10 44	0 41	11 26	1 21	1 46	1 7	10 21	2 12	20 22	0 38	22 31	0 59	0 12	15 2	0 48	1 17	12 48	14 32	2 19			
T 30	6s 9	6s 7	2n 1	15s55	3s12	10n21	0n44	11n13	1n21	1n41	1n 7	10s22	2s12	20s22	0s38	22s31	0n59	0s13	15n 2	0n49	1n18	12s49	14n31	2s19			

ASTRODIENST EPHEMERIS for the year 1494

geocentric

OCTOBER 1494 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	1 13 53	16♂35'04	2♂16	3°R43	6♂15	4♂54	28♂34	8°R39	2°R 1	1♂26	8♂55	27°R56	26♂41	15♂38	16°R13	W 1
T 2	1 17 50	17°34'42	14° 7	3♂15	7°26	5°31	28°47	8♂36	2°≈ 1	1°27	8°58	27♂53	26°38	15°44	16♂11	T 2
F 3	1 21 46	18°34'22	25°56	2°39	8°37	6° 8	29° 0	8°33	2°D 1	1°28	9° 0	27°50	26°35	15°51	16° 8	F 3
S 4	1 25 43	19°34'04	7♂47	1°54	9°47	6°44	29°12	8°30	2° 1	1°28	9° 2	27°46	26°31	15°58	16° 5	S 4
S 5	1 29 39	20°33'47	19°42	1° 1	10°58	7°21	29°25	8°27	2° 1	1°29	9° 5	27°43	26°28	16° 5	16° 2	S 5
M 6	1 33 36	21°33'33	1♂44	0° 1	12° 9	7°58	29°37	8°24	2° 2	1°31	9° 7	27°40	26°25	16°11	16° 0	M 6
T 7	1 37 32	22°33'20	13°58	28♂54	13°20	8°35	29°50	8°22	2° 2	1°32	9° 9	27°39	26°22	16°18	15°57	T 7
W 8	1 41 29	23°33'09	26°29	27°42	14°31	9°11	0♂ 2	8°19	2° 2	1°33	9°12	27°D39	26°19	16°25	15°54	W 8
T 9	1 45 26	24°33'00	9♂20	26°26	15°43	9°48	0°15	8°16	2° 2	1°34	9°14	27°39	26°15	16°31	15°51	T 9
F 10	1 49 22	25°32'52	22°34	25°10	16°54	10°24	0°27	8°14	2° 3	1°35	9°16	27°41	26°12	16°38	15°48	F 10
S 11	1 53 19	26°32'46	6♂16	23°55	18° 6	11° 1	0°39	8°12	2° 3	1°36	9°19	27°42	26° 9	16°45	15°45	S 11
S 12	1 57 15	27°32'41	20°26	22°43	19°17	11°37	0°52	8°10	2° 3	1°37	9°21	27°R43	26° 6	16°51	15°42	S 12
M13	2 1 12	28°32'39	5°Y 1	21°38	20°29	12°14	1° 4	8° 7	2° 4	1°39	9°23	27°43	26° 3	16°58	15°39	M13
T 14	2 5 8	29°32'38	19°58	20°40	21°41	12°50	1°16	8° 5	2° 4	1°40	9°26	27°42	26° 0	17° 5	15°36	T 14
W15	2 9 5	0♂32'39	5♂ 9	19°51	22°53	13°26	1°28	8° 4	2° 5	1°41	9°28	27°39	25°56	17°11	15°33	W15
T 16	2 13 1	1°32'42	20°24	19°13	24° 5	14° 3	1°40	8° 2	2° 6	1°42	9°31	27°34	25°53	17°18	15°30	T 16
F 17	2 16 58	2°32'47	5♂33	18°46	25°17	14°39	1°52	8° 0	2° 6	1°44	9°33	27°29	25°50	17°25	15°27	F 17
S 18	2 20 54	3°32'54	20°26	18°31	26°29	15°15	2° 4	7°58	2° 7	1°45	9°36	27°24	25°47	17°32	15°24	S 18
S 19	2 24 51	4°33'03	4♂56	18°D28	27°42	15°52	2°16	7°57	2° 8	1°47	9°38	27°20	25°44	17°38	15°20	S 19
M20	2 28 48	5°33'14	18°59	18°35	28°54	16°28	2°28	7°55	2° 9	1°48	9°40	27°17	25°41	17°45	15°17	M20
T 21	2 32 44	6°33'27	2♂36	18°53	0♂ 6	17° 4	2°40	7°54	2°10	1°49	9°43	27°D15	25°37	17°52	15°14	T 21
W22	2 36 41	7°33'43	15°46	19°21	1°19	17°40	2°52	7°53	2°11	1°51	9°45	27°16	25°34	17°58	15°11	W22
T 23	2 40 37	8°34'00	28°34	19°58	2°32	18°16	3° 4	7°52	2°12	1°52	9°48	27°17	25°31	18° 5	15° 8	T 23
F 24	2 44 34	9°34'20	11♂ 3	20°43	3°45	18°52	3°15	7°51	2°13	1°54	9°50	27°18	25°28	18°12	15° 5	F 24
S 25	2 48 30	10°34'41	23°18	21°36	4°58	19°28	3°27	7°50	2°14	1°56	9°52	27°R20	25°25	18°18	15° 1	S 25
S 26	2 52 27	11°35'04	5♂22	22°34	6°10	20° 4	3°39	7°49	2°15	1°57	9°55	27°19	25°21	18°25	14°58	S 26
M27	2 56 23	12°35'29	17°19	23°38	7°24	20°40	3°50	7°48	2°16	1°59	9°57	27°17	25°18	18°32	14°55	M27
T 28	3 0 20	13°35'56	29°12	24°47	8°37	21°16	4° 1	7°48	2°17	2° 0	10° 0	27°12	25°15	18°38	14°52	T 28
W29	3 4 17	14°36'25	11♂ 3	26° 0	9°50	21°52	4°13	7°47	2°19	2° 2	10° 2	27° 6	25°12	18°45	14°48	W29
T 30	3 8 13	15°36'55	22°53	27°17	11° 3	22°28	4°24	7°47	2°20	2° 4	10° 5	26°57	25° 9	18°52	14°45	T 30
F 31	3 12 10	16♂37'27	4♂44	28♂36	12♂16	23♂ 3	4♂35	7♂46	2°≈21	2♂ 5	10♂ 7	26♂47	25♂ 6	18♂59	14♂42	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	6s32	9s30	2n58	15s42	3s 6	9n58	0n47	11n 0	1n21	1n36	1n 7	10s23	2s12	20s22	0s38	22s31
T 2	6 55	12 29	3 48	15 26	2 59	9 35	0 51	10 47	1 22	1 31	1 7	10 24	2 11	20 22	0 38	22 31
F 3	7 18	14 57	4 27	15 4	2 49	9 12	0 54	10 33	1 22	1 26	1 7	10 25	2 11	20 22	0 38	22 31
S 4	7 41	16 48	4 56	14 38	2 38	8 48	0 57	10 20	1 22	1 21	1 7	10 26	2 11	20 22	0 38	22 31
S 5	8 3	17 56	5 11	14 7	2 25	8 24	1 0	10 6	1 22	1 16	1 7	10 27	2 11	20 22	0 38	22 31
M 6	8 26	18 16	5 14	13 32	2 10	7 59	1 3	9 53	1 23	1 11	1 7	10 28	2 11	20 22	0 37	22 31
T 7	8 48	17 46	5 2	12 52	1 53	7 35	1 6	9 39	1 23	1 6	1 8	10 29	2 11	20 22	0 37	22 31
W 8	9 10	16 24	4 36	12 10	1 35	7 10	1 8	9 26	1 23	1 1	1 8	10 30	2 11	20 22	0 37	22 31
T 9	9 32	14 11	3 55	11 24	1 16	6 44	1 11	9 12	1 23	0 56	1 8	10 30	2 11	20 22	0 37	22 31
F 10	9 54	11 10	3 1	10 38	0 56	6 19	1 14	8 59	1 24	0 51	1 8	10 31	2 10	20 22	0 37	22 31
S 11	10 16	7 27	1 55	9 51	0 35	5 53	1 16	8 45	1 24	0 47	1 8	10 32	2 10	20 22	0 37	22 31
S 12	10 38	3 11	0 40	9 5	0 14	5 27	1 19	8 31	1 24	0 42	1 8	10 33	2 10	20 22	0 37	22 31
M13	10 59	1n23	0s40	8 22	0n 6	5 1	1 21	8 18	1 25	0 37	1 8	10 33	2 10	20 21	0 37	22 31
T 14	11 20	6 0	1 59	7 42	0 25	4 35	1 23	8 4	1 25	0 32	1 8	10 34	2 10	20 21	0 37	22 31
W15	11 42	10 17	3 10	7 7	0 44	4 8	1 25	7 50	1 25	0 27	1 8	10 35	2 10	20 21	0 37	22 31
T 16	12 3	13 54	4 9	6 36	1 1	3 42	1 29	7 36	1 25	0 23	1 8	10 35	2 10	20 21	0 37	22 31
F 17	12 13	16 33	4 49	6 12	1 16	3 15	1 27	7 23	1 26	0 18	1 8	10 36	2 10	20 21	0 37	22 31
S 18	12 44	18 1	5 9	5 54	1 29	2 48	1 31	7 9	1 26	0 13	1 9	10 36	2 9	20 21	0 37	22 31
S 19	13 4	18 16	5 9	5 42	1 41	2 21	1 33	6 55	1 26	0 9	1 9	10 36	2 9	20 20	0 37	22 31
M20	13 24	17 23	4 49	5 36	1 51	1 53	1 35	6 41	1 26	0 4	1 9	10 37	2 9	20 20	0 37	22 31
T 21	13 44	15 30	4 14	5 35	1 59	1 26	1 36	6 27	1 27	0s 1	1 9	10 37	2 9	20 20	0 37	22 31
W22	14 4	12 52	3 27	5 39	2 6	0 58	1 38	6 13	1 27	0 5	1 9	10 38	2 9	20 20	0 37	22 31
T 23	14 24	9 40	2 30	5 49	2 11	0 31	1 39	5 59	1 27	0 10	1 9	10 38	2 9	20 19	0 37	22 31
F 24	14 43	6 6	1 27	6 3	2 14	0 3	1 41	5 45	1 27	0 14	1 9	10 38	2 8	20 19	0 37	22 31
S 25	15 2	2 20	0 22	6 20	2 16	0s25	1 42	5 31	1 28	0 19	1 9	10 38	2 8	20 19	0 37	22 31
S 26	15 21	1s28	0n44	6 41	2 17	0 53	1 43	5 18	1 28	0 23	1 9	10 38	2 8	20 19	0 37	22 31
M27	15 39	5 11	1 46	7 5	2 17	1 21	1 44	5 4	1 28	0 28	1 10	10 39	2 8	20 18	0 37	22 31
T 28	15 58	8 40	2 44	7 31	2 16	1 49	1 45	4 50	1 29	0 32	1 10	10 39	2 8	20 18	0 37	22 31
W29	16 16	11 48	3 34	7 59	2 14	2 17	1 46	4 36	1 29	0 37	1 10	10 39	2 8	20 18	0 37	22 31
T 30	16 34	14 26	4 14	8 29	2 11	2 45	1 47	4 22	1 29	0 41	1 10	10 39	2 8	20 17	0 37	22 31
F 31	16s51	16s29	4n44	9s 1	2n 8	3s13	1n48	4n 8	1n29	0s45	1n10	10s39	2s 7	20s17	0s37	22s31

Julian Day Number = 2267014.5, Delta T = 05m02s

Ecliptic obliquity = 23°30'09, Nutation = - 0°00'02, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°41'27, Lahiri = 16°48'27 Julian Calendar 1 Oct. 1494 == Greg. Calendar 10 Oct. 1494

ASTRODIENST EPHEMERIS for the year 1494

geocentric

NOVEMBER 1494 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 16 6	17 ¹¹ 38'01	16 ¹⁷ 38	29 ⁵⁹ 59	13 ⁵⁰ 30	23 ¹⁷ 39	4 ⁴⁶ 46	7°R46	2 ²² 23	2 ²³ 7	10 ¹¹ 9	26°R37	25 ¹⁷ 2	19 ¹¹ 5	14°R39	S 1
S 2	3 20 3	18°38'35	28°37	1 ¹¹ 23	14°43	24°15	4°57	7°D46	2°24	2°9	10°12	26 ¹⁷ 27	24°59	19°12	14 ¹⁸ 35	S 2
M 3	3 23 59	19°39'12	10 ¹³ 43	2°49	15°57	24°50	5°8	7 ¹¹ 46	2°26	2°11	10°14	26°19	24°56	19°19	14°32	M 3
T 4	3 27 56	20°39'49	22°58	4°16	17°10	25°26	5°19	7°46	2°27	2°13	10°17	26°12	24°53	19°25	14°29	T 4
W 5	3 31 52	21°40'28	5 ²² 57	5°45	18°24	26°1	5°30	7°47	2°29	2°14	10°19	26°9	24°50	19°32	14°26	W 5
T 6	3 35 49	22°41'08	18°12	7°15	19°38	26°37	5°41	7°47	2°31	2°16	10°21	26°D 7	24°46	19°39	14°23	T 6
F 7	3 39 46	23°41'49	1 ¹¹ 18	8°46	20°51	27°12	5°52	7°47	2°32	2°18	10°24	26°7	24°43	19°45	14°19	F 7
S 8	3 43 42	24°42'31	14°48	10°17	22°5	27°48	6°2	7°48	2°34	2°20	10°26	26°8	24°40	19°52	14°16	S 8
S 9	3 47 39	25°43'14	28°44	11°49	23°19	28°23	6°13	7°49	2°36	2°22	10°29	26°R 8	24°37	19°59	14°13	S 9
M10	3 51 35	26°43'58	13 ¹⁷ 9	13°21	24°33	28°58	6°23	7°49	2°38	2°24	10°31	26°7	24°34	20°6	14°10	M10
T 11	3 55 32	27°44'43	27°58	14°54	25°47	29°33	6°33	7°50	2°40	2°26	10°33	26°4	24°31	20°12	14°7	T 11
W12	3 59 28	28°45'30	13 ¹⁸ 7	16°27	27°1	0 ¹¹ 8	6°43	7°51	2°42	2°28	10°36	25°57	24°27	20°19	14°4	W12
T 13	4 3 25	29°46'17	28°26	18°0	28°15	0°44	6°54	7°52	2°44	2°30	10°38	25°49	24°24	20°26	14°1	T 13
F 14	4 7 21	0 ¹¹ 47'06	13 ¹¹ 44	19°33	29°29	1°19	7°4	7°54	2°46	2°32	10°40	25°39	24°21	20°32	13°58	F 14
S 15	4 11 18	1°47'56	28°51	21°6	0 ¹¹ 43	1°54	7°14	7°55	2°48	2°34	10°43	25°29	24°18	20°39	13°54	S 15
S 16	4 15 15	2°48'48	13 ¹¹ 35	22°40	1°57	2°29	7°23	7°56	2°50	2°36	10°45	25°20	24°15	20°46	13°51	S 16
M17	4 19 11	3°49'41	27°52	24°13	3°11	3°4	7°33	7°58	2°52	2°38	10°47	25°12	24°12	20°52	13°48	M17
T 18	4 23 8	4°50'35	11 ¹¹ 38	25°47	4°26	3°38	7°43	8°0	2°54	2°40	10°49	25°8	24°8	20°59	13°46	T 18
W19	4 27 4	5°51'30	24°54	27°20	5°40	4°13	7°52	8°1	2°57	2°42	10°52	25°5	24°5	21°6	13°43	W19
T 20	4 31 1	6°52'27	7 ¹¹ 43	28°54	6°54	4°48	8°2	8°3	2°59	2°44	10°54	25°D 5	24°2	21°13	13°40	T 20
F 21	4 34 57	7°53'25	20°11	0 ¹¹ 28	8°9	5°23	8°11	8°5	3°1	2°46	10°56	25°R 5	23°59	21°19	13°37	F 21
S 22	4 38 54	8°54'24	2 ¹¹ 22	2°1	9°23	5°57	8°20	8°7	3°3	2°48	10°58	25°5	23°56	21°26	13°34	S 22
S 23	4 42 50	9°55'24	14°21	3°35	10°38	6°32	8°29	8°9	3°6	2°50	11°1	25°3	23°52	21°33	13°31	S 23
M24	4 46 47	10°56'25	26°13	5°9	11°52	7°6	8°38	8°11	3°8	2°52	11°3	24°59	23°49	21°39	13°28	M24
T 25	4 50 44	11°57'28	8 ¹¹ 11	6°43	13°7	7°41	8°47	8°14	3°11	2°54	11°5	24°52	23°46	21°46	13°26	T 25
W26	4 54 40	12°58'31	19°51	8°17	14°21	8°15	8°56	8°16	3°13	2°57	11°7	24°42	23°43	21°53	13°23	W26
T 27	4 58 37	13°59'36	1 ¹¹ 42	9°51	15°36	8°49	9°5	8°19	3°16	2°59	11°9	24°29	23°40	21°59	13°20	T 27
F 28	5 2 33	15°0'41	13°39	11°25	16°50	9°24	9°13	8°21	3°18	3°1	11°11	24°15	23°37	22°6	13°17	F 28
S 29	5 6 30	16°1'47	25°40	12°59	18°5	9°58	9°21	8°24	3°21	3°3	11°13	24°0	23°33	22°13	13°15	S 29
S 30	5 10 26	17 ¹¹ 2'53	7 ¹¹ 349	14 ¹¹ 33	19 ¹¹ 20	10 ¹¹ 32	9 ¹¹ 30	8 ¹¹ 27	3 ¹¹ 24	3 ¹¹ 5	11 ¹¹ 16	23 ¹¹ 45	23 ¹¹ 30	22 ¹¹ 20	13 ¹¹ 12	S 30

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
S 1	17s 8	17s50	5n 1	9s34	2n 4	3s41	1n48	3n54	1n29	0s50	1n10	10s39	2s 7	20s17	0s37	22s31	0n58	0s39	14n59	1n21	1n59	13s32	13n59	2s24
S 2	17 25	18 24	5 6	10 7	1 59	4 9	1 49	3 40	1 30	0 54	1 10	10 38	2 7	20 16	0 37	22 31	0 58	0 40	14 59	1 25	2 0	13 33	13 58	2 24
M 3	17 42	18 9	4 56	10 41	1 55	4 37	1 49	3 26	1 30	0 58	1 11	10 38	2 7	20 16	0 37	22 31	0 58	0 41	14 59	1 28	2 1	13 34	13 57	2 24
T 4	17 58	17 3	4 34	11 16	1 49	5 4	1 50	3 12	1 30	1 2	1 11	10 38	2 7	20 16	0 37	22 31	0 58	0 41	14 59	1 31	2 2	13 35	13 56	2 24
W 5	18 14	15 7	3 57	11 51	1 44	5 32	1 50	2 58	1 30	1 6	1 11	10 38	2 7	20 15	0 37	22 31	0 58	0 42	14 59	1 32	2 4	13 37	13 55	2 24
T 6	18 29	12 25	3 9	12 26	1 38	6 0	1 50	2 44	1 31	1 11	1 11	10 38	2 6	20 15	0 37	22 31	0 58	0 43	14 59	1 33	2 5	13 38	13 54	2 24
F 7	18 45	9 2	2 9	13 1	1 32	6 28	1 50	2 30	1 31	1 15	1 11	10 37	2 6	20 14	0 37	22 31	0 58	0 43	14 59	1 33	2 6	13 39	13 53	2 24
S 8	19 0	5 5	1 0	13 36	1 25	6 55	1 50	2 16	1 31	1 19	1 11	10 37	2 6	20 14	0 37	22 31	0 57	0 44	14 59	1 32	2 7	13 41	13 52	2 24
S 9	19 14	0 43	0s14	14 10	1 19	7 23	1 50	2 3	1 31	1 23	1 11	10 36	2 6	20 13	0 37	22 31	0 57	0 45	14 59	1 32	2 9	13 42	13 51	2 24
M10	19 29	3n50	1 30	14 45	1 12	7 50	1 50	1 49	1 32	1 27	1 12	10 36	2 6	20 13	0 37	22 31	0 57	0 45	14 59	1 33	2 10	13 43	13 50	2 25
T 11	19 43	8 16	2 41	15 19	1 5	8 17	1 50	1 35	1 32	1 31	1 12	10 35	2 5	20 13	0 37	22 31	0 57	0 46	14 59	1 34	2 11	13 44	13 49	2 25
W12	19 56	12 16	3 43	15 52	0 58	8 44	1 49	1 21	1 32	1 35	1 12	10 35	2 5	20 12	0 37	22 31	0 57	0 46	14 59	1 37	2 12	13 46	13 48	2 25
T 13	20 9	15 29	4 30	16 25	0 51	9 11	1 49	1 7	1 32	1 38	1 12	10 34	2 5	20 12	0 36	22 31	0 57	0 47	14 59	1 40	2 14	13 47	13 47	2 25
F 14	20 22	17 36	4 57	16 57	0 44	9 38	1 49	0 53	1 33	1 42	1 12	10 34	2 5	20 11	0 36	22 31	0 57	0 48	14 59	1 44	2 15	13 48	13 46	2 25
S 15	20 35	18 27	5 2	17 29	0 37	10 4	1 48	0 40	1 33	1 46	1 12	10 33	2 5	20 11	0 36	22 31	0 57	0 48	15 0	1 48	2 16	13 50	13 45	2 25
S 16	20 47	18 2	4 48	18 0	0 30	10 30	1 47	0 26	1 33	1 50	1 13	10 32	2 5	20 10	0 36	22 31	0 57	0 49	15 0	1 52	2 17	13 51	13 44	2 25
M17	20 58	16 28	4 16	18 30	0 23	10 56	1 47	0 12	1 33	1 53	1 13	10 32	2 4	20 10	0 36	22 31	0 57	0 49	15 0	1 55	2 19	13 52	13 43	2 25
T 18	21 10	13 59	3 29	18 59	0 16	11 22	1 46	0s 1	1 33	1 57	1 13	10 31	2 4	20 9	0 36	22 31	0 57	0 50	15 0	1 56	2 20	13 53	13 42	2 25
W19	21 20	10 51	2 33	19 28	0 9	11 48	1 45	0 15	1 34	2 1	1 13	10 30	2 4	20 9	0 36	22 31	0 57	0 50	15 0	1 57	2 21	13 55	13 41	2 25
T 20	21 31	7 17	1 31	19 56	0 2	12 13	1 44	0 29	1 34	2 4	1 13	10 29	2 4	20 8	0 36	22 31	0 57	0 51	15 0	1 58	2 23	13 56	13 40	2 25
F 21	21 41	3 30	0 26	20 22	0s 4	12 38	1 43	0 42	1 34	2 8	1 14	10 28	2 4	20 7	0 36	22 31	0 57	0 51	15 1	1 57	2 24	13 57	13 40	2 25
S 22	21 51	0s21	0n39	20 48	0 11	13 3	1 42	0 56	1 34	2 11	1 14	10 27	2 4	20 7	0 36	22 31	0 57	0 52	15 1	1 58	2 25	13 58	13 39	2 25
S 23	22 0	4 8	1 40	21 13	0 18	13 27	1 41	1 9	1 34	2 15	1 14	10 26	2 3	20 6	0 36	22 31	0 57	0 52	15 1	1 58	2 26	14 0	13 38	2 25
M24	22 9	7 42	2 37	21 37	0 25	13 51	1 40	1 23	1 35	2 18	1 14	10 25	2 3	20 6	0 36	22 31	0 57	0 53	15 1	2 0	2 28	14 1	13 37	2 25
T 25	22 17	10 58	3 26	22 0	0 31	14 15	1 38	1 36	1 35	2 21	1 14	10 24	2 3	20 5	0 36	22 31	0 57	0 53	15 1	2 3	2 29	14 2	13 36	2 25
W26	22 25	13 47	4 7	22 22	0 37	14 39	1 37	1 49	1 35	2 25	1 15	10 23	2 3	20 5	0 36	22 31	0 57	0 53	15 2	2 7	2 30	14 3	13 35	2 25
T 27	22 32	16 2	4 37	22 42	0 44	15 2	1 36	2 3	1 35	2 28	1 15	10 22	2 3	20 4	0 36	22 31	0 57	0 54	15 2	2 12	2 31	14 5	13 35	2 25
F 28	22 39	17 37	4 55	23 2	0 50	15 25	1 34	2 16	1 35	2 31	1 15	10 21	2 3	20 3	0 36	22 31	0 57	0 54	15 2	2 17	2 33	14 6	13 34	2 25
S 29	22 46	18 27	4 59	23 20	0 56	15 47	1 33	2 29	1 36	2 34	1 15	10 20	2 2	20 3	0 36	22 31	0 57	0 55	15 2	2 23	2 34	14 7	13 33	2 25
S 30	22s52	18s26	4n51	23s37	1s 2	16s 9	1n31	2s43	1n36	2s37	1n15	10s19	2s 2	20s 2	0s36	22s31	0n57	0s55	15n 2	2n29	2n35	14s 8	13n32	2s25

ASTRODIENST EPHEMERIS for the year 1494

geocentric

DECEMBER 1494 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	5 14 23	18° 4'00	20° 3'4	16° 8'8	20° 13'34	11° 6'6	9° 38'38	8° 30'30	3° 26'26	3° 8'8	11° 18'18	23° 33'33	23° 27'27	22° 26'26	13° 10'10	M 1
T 2	5 18 20	19° 5'08	2° 29'29	17° 42'42	21° 49'49	11° 40'40	9° 46'46	8° 33'33	3° 29'29	3° 10'10	11° 20'20	23° 23'23	23° 24'24	22° 33'33	13° 7'7	T 2
W 3	5 22 16	20° 6'16	15° 4'4	19° 17'17	23° 4'4	12° 14'14	9° 54'54	8° 36'36	3° 32'32	3° 12'12	11° 22'22	23° 16'16	23° 21'21	22° 40'40	13° 5'5	W 3
T 4	5 26 13	21° 7'24	27° 52'52	20° 52'52	24° 19'19	12° 47'47	10° 1'1	8° 39'39	3° 35'35	3° 14'14	11° 24'24	23° 13'13	23° 18'18	22° 46'46	13° 3'3	T 4
F 5	5 30 9	22° 8'32	10° 56'56	22° 27'27	25° 33'33	13° 21'21	10° 9'9	8° 43'43	3° 37'37	3° 16'16	11° 26'26	23° 11'11	23° 14'14	22° 53'53	13° 0'0	F 5
S 6	5 34 6	23° 9'41	24° 19'19	24° 2'2	26° 48'48	13° 55'55	10° 17'17	8° 46'46	3° 40'40	3° 19'19	11° 28'28	23° 11'11	23° 11'11	23° 0'0	12° 58'58	S 6
S 7	5 38 2	24° 10'49	8° 4'4	25° 37'37	28° 3'3	14° 28'28	10° 24'24	8° 50'50	3° 43'43	3° 21'21	11° 30'30	23° 11'11	23° 8'8	23° 6'6	12° 56'56	S 7
M 8	5 41 59	25° 11'58	22° 11'11	27° 13'13	29° 18'18	15° 2'2	10° 31'31	8° 53'53	3° 46'46	3° 23'23	11° 31'31	23° 9'9	23° 5'5	23° 13'13	12° 54'54	M 8
T 9	5 45 55	26° 13'07	6° 42'42	28° 49'49	0° 33'33	15° 35'35	10° 38'38	8° 57'57	3° 49'49	3° 25'25	11° 33'33	23° 5'5	23° 2'2	23° 20'20	12° 51'51	T 9
W10	5 49 52	27° 14'16	21° 32'32	0° 25'25	1° 48'48	16° 8'8	10° 45'45	9° 1'1	3° 52'52	3° 28'28	11° 35'35	22° 58'58	22° 58'58	23° 27'27	12° 49'49	W10
T 11	5 53 49	28° 15'25	6° 36'36	2° 1'1	3° 2'2	16° 42'42	10° 52'52	9° 5'5	3° 55'55	3° 30'30	11° 37'37	22° 48'48	22° 55'55	23° 33'33	12° 47'47	T 11
F 12	5 57 45	29° 16'34	21° 44'44	3° 38'38	4° 17'17	17° 15'15	10° 59'59	9° 9'9	3° 58'58	3° 32'32	11° 39'39	22° 37'37	22° 52'52	23° 40'40	12° 45'45	F 12
S 13	6 1 42	0° 17'43	6° 45'45	5° 15'15	5° 32'32	17° 48'48	11° 5'5	9° 13'13	4° 1'1	3° 35'35	11° 41'41	22° 25'25	22° 49'49	23° 47'47	12° 43'43	S 13
S 14	6 5 38	1° 18'52	21° 31'31	6° 52'52	6° 47'47	18° 21'21	11° 11'11	9° 17'17	4° 4'4	3° 37'37	11° 42'42	22° 14'14	22° 46'46	23° 53'53	12° 42'42	S 14
M15	6 9 35	2° 20'02	5° 52'52	8° 30'30	8° 2'2	18° 54'54	11° 18'18	9° 21'21	4° 7'7	3° 39'39	11° 44'44	22° 5'5	22° 43'43	24° 0'0	12° 40'40	M15
T 16	6 13 31	3° 21'12	19° 45'45	10° 7'7	9° 17'17	19° 26'26	11° 24'24	9° 25'25	4° 10'10	3° 41'41	11° 46'46	21° 59'59	22° 39'39	24° 7'7	12° 38'38	T 16
W17	6 17 28	4° 22'22	3° 19'19	11° 45'45	10° 32'32	19° 59'59	11° 30'30	9° 30'30	4° 13'13	3° 44'44	11° 48'48	21° 55'55	22° 36'36	24° 14'14	12° 36'36	W17
T 18	6 21 24	5° 23'32	16° 5'5	13° 24'24	11° 47'47	20° 32'32	11° 35'35	9° 34'34	4° 16'16	3° 46'46	11° 49'49	21° 54'54	22° 33'33	24° 20'20	12° 35'35	T 18
F 19	6 25 21	6° 24'42	28° 37'37	15° 2'2	13° 2'2	21° 4'4	11° 41'41	9° 39'39	4° 20'20	3° 48'48	11° 51'51	21° 54'54	22° 30'30	24° 27'27	12° 33'33	F 19
S 20	6 29 18	7° 25'53	10° 51'51	16° 41'41	14° 17'17	21° 37'37	11° 46'46	9° 43'43	4° 23'23	3° 50'50	11° 52'52	21° 54'54	22° 27'27	24° 34'34	12° 32'32	S 20
S 21	6 33 14	8° 27'04	22° 51'51	18° 19'19	15° 32'32	22° 9'9	11° 52'52	9° 48'48	4° 26'26	3° 53'53	11° 54'54	21° 53'53	22° 24'24	24° 40'40	12° 30'30	S 21
M22	6 37 11	9° 28'15	4° 43'43	19° 58'58	16° 47'47	22° 41'41	11° 57'57	9° 53'53	4° 29'29	3° 55'55	11° 56'56	21° 50'50	22° 20'20	24° 47'47	12° 29'29	M22
T 23	6 41 7	10° 29'26	16° 32'32	21° 37'37	18° 2'2	23° 13'13	12° 2'2	9° 58'58	4° 33'33	3° 57'57	11° 57'57	21° 44'44	22° 17'17	24° 54'54	12° 27'27	T 23
W24	6 45 4	11° 30'36	28° 22'22	23° 16'16	19° 17'17	23° 45'45	12° 6'6	10° 3'3	4° 36'36	4° 0'0	11° 59'59	21° 36'36	22° 14'14	25° 0'0	12° 26'26	W24
T 25	6 49 0	12° 31'47	10° 17'17	24° 54'54	20° 32'32	24° 17'17	12° 11'11	10° 8'8	4° 39'39	4° 2'2	12° 0'0	21° 25'25	22° 11'11	25° 7'7	12° 25'25	T 25
F 26	6 52 57	13° 32'58	22° 19'19	26° 32'32	21° 47'47	24° 49'49	12° 15'15	10° 13'13	4° 42'42	4° 4'4	12° 1'1	21° 12'12	22° 8'8	25° 14'14	12° 24'24	F 26
S 27	6 56 53	14° 34'09	4° 30'30	28° 10'10	23° 2'2	25° 21'21	12° 20'20	10° 18'18	4° 46'46	4° 6'6	12° 3'3	20° 59'59	22° 4'4	25° 21'21	12° 23'23	S 27
S 28	7 0 50	15° 35'19	16° 51'51	29° 47'47	24° 17'17	25° 52'52	12° 24'24	10° 23'23	4° 49'49	4° 9'9	12° 4'4	20° 46'46	22° 1'1	25° 27'27	12° 22'22	S 28
M29	7 4 47	16° 36'28	29° 22'22	1° 23'23	25° 32'32	26° 23'23	12° 28'28	10° 29'29	4° 52'52	4° 11'11	12° 6'6	20° 35'35	21° 58'58	25° 34'34	12° 21'21	M29
T 30	7 8 43	17° 37'38	12° 4'4	2° 59'59	26° 47'47	26° 55'55	12° 31'31	10° 34'34	4° 56'56	4° 13'13	12° 7'7	20° 26'26	21° 55'55	25° 41'41	12° 20'20	T 30
W31	7 12 40	18° 38'46	24° 56'56	4° 32'32	28° 1'1	27° 26'26	12° 35'35	10° 39'39	4° 59'59	4° 15'15	12° 8'8	20° 20'20	21° 52'52	25° 47'47	12° 19'19	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	22s58	17s34	4n29	23s53	1s 7	16s30	1n29	2s56	1n36	2s40	1n16	10s17	2s 2	20s 1	0s36	22s31
T 2	23 3	15 52	3 54	24 8	1 13	16 52	1 28	3 9	1 36	2 43	1 16	10 16	2 2	20 1	0 36	22 31
W 3	23 8	13 23	3 7	24 22	1 18	17 12	1 26	3 22	1 36	2 46	1 16	10 15	2 2	20 0	0 36	22 31
T 4	23 12	10 13	2 9	24 34	1 23	17 33	1 24	3 35	1 37	2 49	1 16	10 13	2 2	19 59	0 36	22 31
F 5	23 16	6 30	1 4	24 45	1 28	17 52	1 22	3 48	1 37	2 52	1 16	10 12	2 2	19 59	0 36	22 31
S 6	23 20	2 21	0s 6	24 55	1 33	18 12	1 20	4 1	1 37	2 54	1 17	10 11	2 1	19 58	0 36	22 31
S 7	23 22	2n 1	1 18	25 3	1 37	18 30	1 18	4 14	1 37	2 57	1 17	10 9	2 1	19 57	0 36	22 31
M 8	23 25	6 24	2 27	25 10	1 41	18 49	1 16	4 26	1 37	3 0	1 17	10 8	2 1	19 57	0 36	22 31
T 9	23 27	10 31	3 28	25 15	1 45	19 7	1 14	4 39	1 37	3 2	1 17	10 6	2 1	19 56	0 36	22 31
W10	23 28	14 4	4 17	25 19	1 49	19 24	1 12	4 52	1 38	3 5	1 17	10 5	2 1	19 55	0 36	22 31
T 11	23 29	16 44	4 49	25 22	1 52	19 41	1 10	5 4	1 38	3 7	1 18	10 3	2 1	19 55	0 36	22 31
F 12	23 30	18 15	5 0	25 23	1 56	19 57	1 8	5 17	1 38	3 10	1 18	10 1	2 0	19 54	0 36	22 31
S 13	23 30	18 29	4 51	25 22	1 58	20 13	1 5	5 29	1 38	3 12	1 18	10 0	2 0	19 53	0 36	22 30
S 14	23 30	17 27	4 22	25 20	2 1	20 28	1 3	5 42	1 38	3 14	1 18	9 58	2 0	19 52	0 36	22 30
M15	23 29	15 20	3 38	25 17	2 3	20 42	1 1	5 54	1 38	3 16	1 19	9 56	2 0	19 52	0 36	22 30
T 16	23 28	12 23	2 41	25 11	2 5	20 56	0 58	6 6	1 39	3 19	1 19	9 54	2 0	19 51	0 36	22 30
W17	23 26	8 52	1 38	25 5	2 6	21 10	0 56	6 19	1 39	3 21	1 19	9 53	2 0	19 50	0 36	22 30
T 18	23 24	5 2	0 31	24 56	2 7	21 22	0 54	6 31	1 39	3 23	1 19	9 51	2 0	19 49	0 36	22 30
F 19	23 21	1 6	0n36	24 46	2 8	21 34	0 51	6 43	1 39	3 25	1 20	9 49	1 59	19 49	0 36	22 30
S 20	23 18	2s47	1 39	24 35	2 8	21 46	0 49	6 55	1 39	3 27	1 20	9 47	1 59	19 48	0 36	22 30
S 21	23 14	6 29	2 36	24 21	2 8	21 57	0 46	7 7	1 39	3 28	1 20	9 45	1 59	19 47	0 36	22 30
M22	23 10	9 53	3 26	24 6	2 7	22 7	0 44	7 19	1 39	3 30	1 20	9 43	1 59	19 46	0 36	22 30
T 23	23 5	12 52	4 7	23 50	2 6	22 17	0 41	7 30	1 40	3 32	1 21	9 41	1 59	19 45	0 36	22 30
W24	23 0	15 20	4 38	23 32	2 4	22 25	0 39	7 42	1 40	3 33	1 21	9 39	1 59	19 45	0 36	22 30
T 25	22 55	17 10	4 56	23 12	2 2	22 34	0 36	7 54	1 40	3 35	1 21	9 37	1 59	19 44	0 36	22 30
F 26	22 49	18 16	5 2	22 50	1 59	22 41	0 34	8 5	1 40	3 37	1 21	9 35	1 59	19 43	0 36	22 30
S 27	22 42	18 32	4 54	22 27	1 55	22 48	0 31	8 17	1 40	3 38	1 22	9 33	1 58	19 42	0 36	22 30
S 28	22 35	17 57	4 32	22 3	1 51	22 54	0 29	8 28	1 40	3 39	1 22	9 31	1 58	19 41	0 36	22 30
M29	22 28	16 29	3 56	21 37	1 46	23 0	0 26	8 39	1 40	3 41	1 22	9 29	1 58	19 41	0 36	22 30
T 30	22 20	14 12	3 9	21 10	1 40	23 4	0 23	8 50	1 40	3 42	1 22	9 27	1 58	19 40	0 36	22 29
W31	22s12	11s11	2n11	20s41	1s33	23s 9	0n21	9s 1	1n40	3s43	1n23	9s25	1s58	19s39	0s36	22s29

Julian Day Number = 2267075