



Astrodienst Ephemeris Tables for the year 1466

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 1466
geocentric

JANUARY 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	7 16 42	19°34'07	12°09 9	3°55	10°33	26°56	11°44	15°43	2°R15	2°M46	2°R 8	12°R17	12°Y42	16°Ω 5	29°24	W 1
T 2	7 20 39	20°43'12	24°12	5°25	11°45	27°38	11°51	15°48	2°A15	2°47	2°M 7	12°Y 2	12°39	16°12	29°30	T 2
F 3	7 24 35	21°44'16	6°Ω 9	6°55	12°58	28°20	11°58	15°53	2°15	2°48	2° 6	11°48	12°36	16°18	29°36	F 3
S 4	7 28 32	22°45'19	18° 1	8°27	14°10	29° 3	12° 5	15°58	2°15	2°49	2° 5	11°35	12°33	16°25	29°42	S 4
S 5	7 32 28	23°46'22	29°51	9°58	15°23	29°45	12°13	16° 4	2°14	2°49	2° 4	11°26	12°29	16°32	29°48	S 5
M 6	7 36 25	24°47'25	11°M40	11°31	16°36	0°Y27	12°20	16° 9	2°14	2°50	2° 3	11°19	12°26	16°38	29°54	M 6
T 7	7 40 21	25°48'26	23°32	13° 4	17°48	1° 9	12°28	16°15	2°13	2°51	2° 2	11°16	12°23	16°45	29°59	T 7
W 8	7 44 18	26°49'28	5°A31	14°37	19° 1	1°52	12°36	16°21	2°13	2°51	2° 1	11°14	12°20	16°52	0°5 6	W 8
T 9	7 48 15	27°50'28	17°43	16°12	20°14	2°34	12°44	16°26	2°12	2°52	1°59	11°D14	12°17	16°59	0°11	T 9
F 10	7 52 11	28°51'28	0°M11	17°46	21°27	3°16	12°53	16°32	2°11	2°52	1°58	11°R14	12°14	17° 5	0°17	F 10
S 11	7 56 8	29°52'27	13° 1	19°22	22°39	3°58	13° 1	16°38	2°11	2°53	1°57	11°14	12°10	17°12	0°23	S 11
S 12	8 0 4	0°53'26	26°19	20°58	23°52	4°40	13° 9	16°44	2°10	2°53	1°56	11°11	12° 7	17°19	0°29	S 12
M13	8 4 1	1°54'24	10°A 6	22°35	25° 5	5°22	13°18	16°50	2° 9	2°54	1°54	11° 6	12° 4	17°25	0°34	M13
T 14	8 7 57	2°55'22	24°23	24°12	26°18	6° 4	13°27	16°56	2° 8	2°54	1°53	10°58	12° 1	17°32	0°40	T 14
W15	8 11 54	3°56'18	9°B 8	25°50	27°31	6°47	13°36	17° 2	2° 7	2°55	1°52	10°48	11°58	17°39	0°45	W15
T 16	8 15 50	4°57'14	24°14	27°29	28°44	7°29	13°45	17° 8	2° 6	2°55	1°50	10°38	11°54	17°45	0°51	T 16
F 17	8 19 47	5°58'09	9°A32	29° 9	29°58	8°11	13°54	17°14	2° 5	2°55	1°49	10°28	11°51	17°52	0°56	F 17
S 18	8 23 44	6°59'02	24°49	0°A49	1°B11	8°53	14° 4	17°21	2° 4	2°55	1°48	10°19	11°48	17°59	1° 2	S 18
S 19	8 27 40	7°59'54	9°B55	2°30	2°24	9°35	14°13	17°27	2° 3	2°56	1°46	10°13	11°45	18° 6	1° 7	S 19
M20	8 31 37	9° 0'44	24°41	4°12	3°37	10°17	14°23	17°33	2° 2	2°56	1°45	10°10	11°42	18°12	1°13	M20
T 21	8 35 33	10° 1'33	9°Y 3	5°55	4°50	10°59	14°33	17°40	2° 1	2°56	1°43	10°D 9	11°39	18°19	1°18	T 21
W22	8 39 30	11° 2'21	22°58	7°38	6° 3	11°41	14°42	17°46	1°59	2°56	1°42	10°10	11°35	18°26	1°23	W22
T 23	8 43 26	12° 3'07	6°B26	9°22	7°17	12°23	14°52	17°53	1°58	2°56	1°41	10°R10	11°32	18°32	1°28	T 23
F 24	8 47 23	13° 3'51	19°32	11° 7	8°30	13° 5	15° 2	17°59	1°57	2°56	1°39	10°10	11°29	18°39	1°33	F 24
S 25	8 51 19	14° 4'34	2°H17	12°53	9°43	13°47	15°13	18° 6	1°55	2°R56	1°38	10° 8	11°26	18°46	1°39	S 25
S 26	8 55 16	15° 5'15	14°46	14°39	10°57	14°28	15°23	18°12	1°54	2°56	1°36	10° 4	11°23	18°52	1°44	S 26
M27	8 59 13	16° 5'54	27° 2	16°27	12°10	15°10	15°33	18°19	1°52	2°56	1°35	9°58	11°20	18°59	1°49	M27
T 28	9 3 9	17° 6'32	9°B 9	18°15	13°23	15°52	15°44	18°26	1°51	2°56	1°33	9°49	11°16	19° 6	1°54	T 28
W29	9 7 6	18° 7'08	21° 9	20° 4	14°37	16°34	15°55	18°33	1°49	2°56	1°32	9°39	11°13	19°12	1°59	W29
T 30	9 11 2	19° 7'43	3°Ω 5	21°53	15°50	17°16	16° 5	18°39	1°47	2°56	1°30	9°29	11°10	19°19	2° 3	T 30
F 31	9 14 59	20° 8'15	14°Ω57	23°A43	17°B 4	17°Y58	16°Y16	18°B46	1°A46	2°M56	1°M29	9°Y19	11°Y 7	19°Ω26	2°B 8	F 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
W 1	22s 4	27n55	4n59	24s10	0s43	20s13	1n54	1s31	0s19	3n30	1s15	7s35	2s 6	0s13	0n45	10s47
T 2	21 54	26 8	4 53	24 13	0 49	20 26	1 51	1 13	0 18	3 33	1 15	7 33	2 6	0 13	0 45	10 47
F 3	21 45	23 12	4 33	24 15	0 55	20 38	1 49	0 55	0 17	3 36	1 15	7 31	2 5	0 13	0 45	10 47
S 4	21 35	19 18	4 2	24 16	1 1	20 49	1 46	0 37	0 15	3 39	1 15	7 28	2 5	0 13	0 45	10 47
S 5	21 25	14 41	3 20	24 15	1 7	21 0	1 43	0 19	0 14	3 42	1 14	7 26	2 5	0 12	0 45	10 48
M 6	21 14	9 31	2 30	24 13	1 13	21 10	1 41	0 1	0 13	3 45	1 14	7 24	2 5	0 12	0 45	10 48
T 7	21 3	3 59	1 32	24 10	1 18	21 19	1 38	0n16	0 12	3 49	1 14	7 22	2 5	0 12	0 45	10 48
W 8	20 51	1s44	0 30	24 5	1 23	21 28	1 35	0 34	0 11	3 52	1 14	7 19	2 5	0 12	0 45	10 48
T 9	20 39	7 30	0s34	23 59	1 28	21 37	1 33	0 52	0 10	3 55	1 13	7 17	2 5	0 11	0 45	10 48
F 10	20 27	13 7	1 39	23 52	1 33	21 45	1 30	1 10	0 9	3 59	1 13	7 15	2 5	0 11	0 45	10 48
S 11	20 14	18 20	2 40	23 43	1 37	21 52	1 27	1 28	0 8	4 2	1 13	7 12	2 5	0 11	0 45	10 48
S 12	20 1	22 52	3 35	23 32	1 41	21 58	1 24	1 45	0 7	4 6	1 12	7 10	2 4	0 10	0 45	10 49
M13	19 48	26 19	4 20	23 21	1 45	22 4	1 21	2 3	0 6	4 9	1 12	7 7	2 4	0 10	0 45	10 49
T 14	19 34	28 13	4 50	23 7	1 49	22 10	1 18	2 21	0 5	4 13	1 12	7 5	2 4	0 10	0 45	10 49
W15	19 20	28 13	5 2	22 52	1 52	22 14	1 15	2 38	0 4	4 17	1 12	7 2	2 4	0 9	0 45	10 49
T 16	19 5	26 9	4 54	22 36	1 55	22 18	1 12	2 56	0 3	4 21	1 12	7 0	2 4	0 8	0 45	10 49
F 17	18 50	22 10	4 25	22 18	1 57	22 22	1 9	3 13	0 2	4 24	1 11	6 57	2 4	0 8	0 45	10 49
S 18	18 35	16 42	3 37	21 59	1 59	22 24	1 6	3 31	0 1	4 28	1 11	6 55	2 4	0 8	0 45	10 49
S 19	18 19	10 15	2 34	21 38	2 1	22 27	1 3	3 48	0 0	4 32	1 11	6 52	2 4	0 7	0 45	10 49
M20	18 3	3 22	1 22	21 15	2 3	22 28	1 0	4 6	0n1	4 36	1 11	6 50	2 4	0 7	0 45	10 49
T 21	17 47	3n30	0 6	20 51	2 4	22 29	0 57	4 23	0 2	4 40	1 10	6 47	2 4	0 6	0 45	10 49
W22	17 31	10 0	1n8	20 25	2 4	22 29	0 53	4 40	0 3	4 44	1 10	6 44	2 3	0 6	0 45	10 49
T 23	17 14	15 51	2 16	19 58	2 4	22 28	0 50	4 58	0 4	4 48	1 10	6 42	2 3	0 5	0 45	10 49
F 24	16 57	20 47	3 14	19 29	2 4	22 27	0 47	5 15	0 4	4 52	1 10	6 39	2 3	0 5	0 45	10 49
S 25	16 39	24 38	4 2	18 58	2 3	22 25	0 44	5 32	0 5	4 56	1 9	6 36	2 3	0 4	0 46	10 49
S 26	16 22	27 13	4 37	18 26	2 2	22 23	0 41	5 49	0 6	5 1	1 9	6 34	2 3	0 4	0 46	10 49
M27	16 4	28 26	4 58	17 52	2 1	22 20	0 38	6 6	0 7	5 5	1 9	6 31	2 3	0 3	0 46	10 49
T 28	15 45	28 16	5 5	17 17	1 59	22 16	0 34	6 23	0 8	5 9	1 9	6 28	2 3	0 2	0 46	10 49
W29	15 27	26 46	4 59	16 40	1 56	22 11	0 31	6 40	0 9	5 13	1 9	6 26	2 3	0 2	0 46	10 48
T 30	15 8	24 4	4 40	16 2	1 53	22 6	0 28	6 57	0 10	5 18	1 8	6 23	2 3	0 1	0 46	10 48
F 31	14s49	20n22	4n 9	15s22	1s49	22s 0	0n25	7n14	0n11	5n22	1s 8	6s20	2s 3	0s 0	0n46	10s48

Julian Day Number = 2256514.5, Delta T = 06m00s
Ecliptic obliquity = 23°30'40", Nutation = - 0°00'03", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°17'25", Lahiri = 16°24'25" Julian Calendar 1 Jan. 1466 == Greg. Calendar 10 Jan. 1466

ASTRODIENST EPHEMERIS for the year 1466

geocentric

FEBRUARY 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 18 55	21° 8' 47"	26° 47'	25° 34'	18° 17'	18° 39'	16° 27'	18° 53'	1° 44'	2° 55'	1° 27'	9° 10'	11° 4'	19° 233'	2° 13'	S 1
S 2	9 22 52	22° 9' 16"	8° 38'	27° 26'	19° 30'	19° 21'	16° 38'	19° 0'	1° 42'	2° 55'	1° 26'	9° 4'	11° 0'	19° 39'	2° 18'	S 2
M 3	9 26 48	23° 9' 45"	20° 31'	29° 18'	20° 44'	20° 3'	16° 50'	19° 7'	1° 40'	2° 55'	1° 24'	9° 0'	10° 57'	19° 46'	2° 22'	M 3
T 4	9 30 45	24° 10' 11"	2° 28'	1° 10'	21° 57'	20° 44'	17° 1'	19° 14'	1° 39'	2° 55'	1° 23'	8° 58'	10° 54'	19° 53'	2° 27'	T 4
W 5	9 34 42	25° 10' 36"	14° 32'	3° 2'	23° 11'	21° 26'	17° 12'	19° 21'	1° 37'	2° 54'	1° 21'	8° 58'	10° 51'	19° 59'	2° 31'	W 5
T 6	9 38 38	26° 11' 00"	26° 46'	4° 55'	24° 25'	22° 7'	17° 24'	19° 28'	1° 35'	2° 54'	1° 20'	8° 59'	10° 48'	20° 6'	2° 36'	T 6
F 7	9 42 35	27° 11' 22"	9° 16'	6° 47'	25° 38'	22° 49'	17° 35'	19° 35'	1° 33'	2° 53'	1° 18'	9° 0'	10° 45'	20° 13'	2° 40'	F 7
S 8	9 46 31	28° 11' 43"	22° 4'	8° 39'	26° 52'	23° 31'	17° 47'	19° 42'	1° 31'	2° 53'	1° 16'	9° 1'	10° 41'	20° 19'	2° 45'	S 8
S 9	9 50 28	29° 12' 03"	5° 16'	10° 30'	28° 5'	24° 12'	17° 59'	19° 49'	1° 29'	2° 52'	1° 15'	9° 10'	10° 38'	20° 26'	2° 49'	S 9
M10	9 54 24	0° 12' 21"	18° 53'	12° 21'	29° 19'	24° 54'	18° 11'	19° 57'	1° 27'	2° 52'	1° 13'	9° 0'	10° 35'	20° 33'	2° 53'	M10
T 11	9 58 21	1° 12' 37"	2° 58'	14° 10'	0° 32'	25° 35'	18° 22'	20° 4'	1° 25'	2° 51'	1° 12'	8° 57'	10° 32'	20° 39'	2° 57'	T 11
W12	10 2 17	2° 12' 53"	17° 30'	15° 57'	1° 46'	26° 16'	18° 34'	20° 11'	1° 22'	2° 51'	1° 10'	8° 52'	10° 29'	20° 46'	3° 1'	W12
T 13	10 6 14	3° 13' 06"	2° 24'	17° 42'	3° 0'	26° 58'	18° 47'	20° 18'	1° 20'	2° 50'	1° 9'	8° 47'	10° 26'	20° 53'	3° 5'	T 13
F 14	10 10 11	4° 13' 18"	17° 33'	19° 25'	4° 13'	27° 39'	18° 59'	20° 26'	1° 18'	2° 50'	1° 7'	8° 41'	10° 22'	21° 0'	3° 9'	F 14
S 15	10 14 7	5° 13' 28"	2° 49'	21° 4'	5° 27'	28° 21'	19° 11'	20° 33'	1° 16'	2° 49'	1° 6'	8° 37'	10° 19'	21° 6'	3° 13'	S 15
S 16	10 18 4	6° 13' 36"	17° 59'	22° 40'	6° 41'	29° 2'	19° 23'	20° 40'	1° 14'	2° 48'	1° 4'	8° 34'	10° 16'	21° 13'	3° 17'	S 16
M17	10 22 0	7° 13' 42"	2° 54'	24° 11'	7° 54'	29° 43'	19° 36'	20° 47'	1° 11'	2° 47'	1° 3'	8° 32'	10° 13'	21° 20'	3° 21'	M17
T 18	10 25 57	8° 13' 46"	17° 28'	25° 38'	9° 8'	0° 25'	19° 48'	20° 55'	1° 9'	2° 47'	1° 1'	8° 33'	10° 10'	21° 26'	3° 24'	T 18
W19	10 29 53	9° 13' 48"	1° 36'	26° 59'	10° 22'	1° 6'	20° 1'	21° 2'	1° 7'	2° 46'	0° 59'	8° 34'	10° 6'	21° 33'	3° 28'	W19
T 20	10 33 50	10° 13' 48"	15° 16'	28° 15'	11° 36'	1° 47'	20° 13'	21° 10'	1° 4'	2° 45'	0° 58'	8° 35'	10° 3'	21° 40'	3° 31'	T 20
F 21	10 37 46	11° 13' 46"	28° 29'	29° 24'	12° 49'	2° 28'	20° 26'	21° 17'	1° 2'	2° 44'	0° 56'	8° 37'	10° 0'	21° 46'	3° 35'	F 21
S 22	10 41 43	12° 13' 41"	11° 19'	0° 26'	14° 3'	3° 9'	20° 39'	21° 24'	1° 0'	2° 43'	0° 55'	8° 37'	9° 57'	21° 53'	3° 38'	S 22
S 23	10 45 40	13° 13' 35"	23° 49'	1° 21'	15° 17'	3° 51'	20° 52'	21° 32'	0° 57'	2° 42'	0° 53'	8° 37'	9° 54'	22° 0'	3° 42'	S 23
M24	10 49 36	14° 13' 26"	6° 4'	2° 8'	16° 30'	4° 32'	21° 5'	21° 39'	0° 55'	2° 42'	0° 52'	8° 35'	9° 51'	22° 6'	3° 45'	M24
T 25	10 53 33	15° 13' 15"	18° 6'	2° 47'	17° 44'	5° 13'	21° 17'	21° 47'	0° 52'	2° 41'	0° 50'	8° 32'	9° 47'	22° 13'	3° 48'	T 25
W26	10 57 29	16° 13' 01"	0° 2'	3° 18'	18° 58'	5° 54'	21° 30'	21° 54'	0° 50'	2° 40'	0° 49'	8° 29'	9° 44'	22° 20'	3° 51'	W26
T 27	11 1 26	17° 12' 46"	11° 53'	3° 41'	20° 12'	6° 35'	21° 44'	22° 1'	0° 47'	2° 39'	0° 47'	8° 25'	9° 41'	22° 27'	3° 54'	T 27
F 28	11 5 22	18° 12' 28"	23° 42'	3° 55'	21° 25'	7° 16'	21° 57'	22° 9'	0° 45'	2° 38'	0° 46'	8° 22'	9° 38'	22° 33'	3° 57'	F 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	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	
S 1	14s30	15n52	3n27	14s41	1s45	21s54	0n22	7n30	0n11	5n27	1s 8	6s17	2s 3	0n 0	0n46	S 1
S 2	14 10	10 46	2 36	13 58	1 40	21 47	0 19	7 47	0 12	5 31	1 8	6 15	2 3	0 1	0 46	S 2
M 3	13 50	5 16	1 38	13 14	1 34	21 39	0 16	8 4	0 13	5 36	1 8	6 12	2 3	0 2	0 46	M 3
T 4	13 30	0s27	0 35	12 28	1 28	21 31	0 13	8 20	0 14	5 40	1 7	6 9	2 3	0 3	0 46	T 4
W 5	13 10	6 12	0 30	11 41	1 22	21 22	0 9	8 36	0 15	5 45	1 7	6 6	2 2	0 3	0 46	W 5
T 6	12 50	11 50	1 35	10 53	1 14	21 12	0 6	8 53	0 15	5 49	1 7	6 3	2 2	0 4	0 46	T 6
F 7	12 29	17 6	2 37	10 4	1 6	21 2	0 3	9 9	0 16	5 54	1 7	6 1	2 2	0 5	0 46	F 7
S 8	12 8	21 46	3 33	9 14	0 57	20 51	0 0	9 25	0 17	5 58	1 7	5 58	2 2	0 6	0 46	S 8
S 9	11 47	25 29	4 19	8 24	0 48	20 39	0s 3	9 41	0 18	6 3	1 6	5 55	2 2	0 7	0 46	S 9
M10	11 26	27 54	4 52	7 32	0 38	20 27	0 6	9 57	0 19	6 8	1 6	5 52	2 2	0 8	0 46	M10
T 11	11 5	28 38	5 9	6 40	0 28	20 14	0 9	10 13	0 19	6 12	1 6	5 49	2 2	0 8	0 46	T 11
W12	10 43	27 26	5 7	5 49	0 16	20 1	0 12	10 29	0 20	6 17	1 6	5 46	2 2	0 9	0 46	W12
T 13	10 21	24 18	4 45	4 57	0 5	19 47	0 14	10 45	0 21	6 22	1 6	5 43	2 2	0 10	0 46	T 13
F 14	9 59	19 28	4 3	4 5	0n 8	19 32	0 17	11 0	0 21	6 27	1 5	5 41	2 2	0 11	0 46	F 14
S 15	9 37	13 20	3 3	3 14	0 20	19 17	0 20	11 16	0 22	6 32	1 5	5 38	2 2	0 12	0 46	S 15
S 16	9 15	6 27	1 50	2 24	0 34	19 2	0 23	11 31	0 23	6 36	1 5	5 35	2 2	0 13	0 46	S 16
M17	8 53	0n41	0 31	1 36	0 47	18 46	0 26	11 47	0 24	6 41	1 5	5 32	2 2	0 14	0 46	M17
T 18	8 31	7 38	0n49	0 49	1 1	18 29	0 28	12 2	0 24	6 46	1 5	5 29	2 2	0 15	0 46	T 18
W19	8 8	13 59	2 3	0 4	1 15	18 12	0 31	12 17	0 25	6 51	1 5	5 26	2 2	0 16	0 46	W19
T 20	7 45	19 27	3 8	0n39	1 29	17 54	0 34	12 32	0 26	6 56	1 4	5 23	2 2	0 17	0 46	T 20
F 21	7 23	23 47	4 0	1 20	1 42	17 36	0 36	12 47	0 26	7 1	1 4	5 20	2 2	0 18	0 46	F 21
S 22	7 0	26 49	4 39	1 57	1 56	17 17	0 39	13 2	0 27	7 6	1 4	5 17	2 2	0 19	0 46	S 22
S 23	6 37	28 25	5 4	2 31	2 9	16 58	0 41	13 16	0 28	7 11	1 4	5 14	2 2	0 20	0 46	S 23
M24	6 14	28 36	5 14	3 1	2 22	16 38	0 44	13 31	0 28	7 16	1 4	5 11	2 2	0 20	0 46	M24
T 25	5 50	27 24	5 10	3 28	2 34	16 18	0 46	13 45	0 29	7 21	1 4	5 8	2 2	0 21	0 46	T 25
W26	5 27	24 58	4 52	3 51	2 46	15 57	0 48	14 0	0 30	7 26	1 4	5 5	2 2	0 22	0 46	W26
T 27	5 4	21 29	4 22	4 10	2 56	15 36	0 51	14 14	0 30	7 31	1 3	5 3	2 2	0 23	0 46	T 27
F 28	4s41	17n 8	3n41	4n24	3n 6	15s14	0s53	14n28	0n31	7n36	1s 3	5s 0	2s 2	0n24	0n46	F 28

Julian Day Number = 2256545.5, Delta T = 06m00s

Ecliptic obliquity = 23°30'40", Nutation = - 0°00'02", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°17'29", Lahiri = 16°24'29" Julian Calendar 1 Feb. 1466 == Greg. Calendar 10 Feb. 1466

ASTRODIENST EPHEMERIS for the year 1466

geocentric

MARCH 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	11 9 19	19°12'08	5°34	4°R 0	22°39	7°57	22°10	22°16	0°R42	2°R37	0°R44	8°R19	9°Y35	22°140	4°3 0	S 1
S 2	11 13 15	20°11'46	17°28	3°Y58	23°53	8°38	22°23	22°24	0°140	2°M35	0°M43	8°Y17	9°31	22°47	4° 3	S 2
M 3	11 17 12	21°11'22	29°28	3°47	25° 6	9°19	22°36	22°31	0°37	2°34	0°42	8°16	9°28	22°53	4° 5	M 3
T 4	11 21 9	22°10'55	11°35	3°29	26°20	9°59	22°50	22°39	0°35	2°33	0°40	8°D15	9°25	23° 0	4° 8	T 4
W 5	11 25 5	23°10'27	23°51	3° 3	27°34	10°40	23° 3	22°46	0°32	2°32	0°39	8°16	9°22	23° 7	4°10	W 5
T 6	11 29 2	24° 9'57	6°18	2°31	28°48	11°21	23°17	22°54	0°30	2°31	0°37	8°17	9°19	23°13	4°13	T 6
F 7	11 32 58	25° 9'25	18°58	1°54	0°H 1	12° 2	23°30	23° 1	0°27	2°30	0°36	8°18	9°16	23°20	4°15	F 7
S 8	11 36 55	26° 8'52	1°54	1°11	1°15	12°43	23°44	23° 9	0°24	2°28	0°34	8°19	9°12	23°27	4°18	S 8
S 9	11 40 51	27° 8'16	15° 8	0°25	2°29	13°23	23°57	23°16	0°22	2°27	0°33	8°20	9° 9	23°33	4°20	S 9
M10	11 44 48	28° 7'39	28°42	29°36	3°43	14° 4	24°11	23°24	0°19	2°26	0°32	8°R20	9° 6	23°40	4°22	M10
T 11	11 48 44	29° 7'01	12°37	28°45	4°56	14°45	24°24	23°31	0°17	2°25	0°30	8°20	9° 3	23°47	4°24	T 11
W12	11 52 41	0°Y 6'20	26°52	27°53	6°10	15°25	24°38	23°39	0°14	2°23	0°29	8°19	9° 0	23°53	4°26	W12
T 13	11 56 38	1° 5'37	11°26	27° 2	7°24	16° 6	24°52	23°46	0°11	2°22	0°28	8°19	8°57	24° 0	4°28	T 13
F 14	12 0 34	2° 4'53	26°14	26°12	8°38	16°46	25° 6	23°53	0° 9	2°21	0°27	8°18	8°53	24° 7	4°30	F 14
S 15	12 4 31	3° 4'07	11°10	25°24	9°51	17°27	25°20	24° 1	0° 6	2°19	0°25	8°17	8°50	24°13	4°31	S 15
S 16	12 8 27	4° 3'19	26° 6	24°40	11° 5	18° 7	25°33	24° 8	0° 4	2°18	0°24	8°17	8°47	24°20	4°33	S 16
M17	12 12 24	5° 2'28	10°Y53	23°59	12°19	18°48	25°47	24°16	0° 1	2°17	0°23	8°D17	8°44	24°27	4°35	M17
T 18	12 16 20	6° 1'36	25°25	23°22	13°33	19°28	26° 1	24°23	29°M58	2°15	0°22	8°17	8°41	24°34	4°36	T 18
W19	12 20 17	7° 0'41	9°36	22°50	14°47	20° 9	26°15	24°30	29°56	2°14	0°20	8°17	8°37	24°40	4°37	W19
T 20	12 24 13	7°59'45	23°22	22°24	16° 0	20°49	26°29	24°38	29°53	2°12	0°19	8°R17	8°34	24°47	4°39	T 20
F 21	12 28 10	8°58'46	6°I43	22° 2	17°14	21°29	26°43	24°45	29°51	2°11	0°18	8°17	8°31	24°54	4°40	F 21
S 22	12 32 7	9°57'45	19°40	21°46	18°28	22°10	26°57	24°52	29°48	2° 9	0°17	8°17	8°28	25° 0	4°41	S 22
S 23	12 36 3	10°56'41	2°15	21°35	19°42	22°50	27°11	25° 0	29°46	2° 8	0°16	8°17	8°25	25° 7	4°42	S 23
M24	12 40 0	11°55'35	14°32	21°D30	20°55	23°30	27°25	25° 7	29°43	2° 6	0°15	8°D17	8°22	25°14	4°43	M24
T 25	12 43 56	12°54'27	26°35	21°30	22° 9	24°11	27°40	25°14	29°41	2° 5	0°14	8°17	8°18	25°20	4°44	T 25
W26	12 47 53	13°53'17	8°L30	21°36	23°23	24°51	27°54	25°21	29°38	2° 3	0°13	8°17	8°15	25°27	4°45	W26
T 27	12 51 49	14°52'04	20°20	21°47	24°36	25°31	28° 8	25°29	29°36	2° 2	0°12	8°18	8°12	25°34	4°45	T 27
F 28	12 55 46	15°50'49	2°M10	22° 2	25°50	26°11	28°22	25°36	29°33	2° 0	0°11	8°19	8° 9	25°40	4°46	F 28
S 29	12 59 42	16°49'32	14° 3	22°23	27° 4	26°51	28°36	25°43	29°31	1°59	0°10	8°20	8° 6	25°47	4°47	S 29
S 30	13 3 39	17°48'13	26° 3	22°47	28°18	27°31	28°50	25°50	29°28	1°57	0° 9	8°20	8° 3	25°54	4°47	S 30
M31	13 7 35	18°Y46'51	8°12	23°H17	29°H31	28°H11	29°Y 5	25°H57	29°M26	1°M56	0°M 8	8°R20	7°Y59	26°L 0	4°47	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4s17	12n 9	2n51	4n34	3n14	14s52	0s55	14n42	0n32	7n41	1 s 3	4s57	2 s 2	0n25	0n46	10s40	1n51	23n40	13n21	3n18	3n48	17n33	17s22	6n 5			
S 2	3 54	6 41	1 52	4 39	3 21	14 30	0 57	14 56	0 32	7 46	1 3	4 54	2 2	0 27	0 46	10 40	1 52	23 40	13 21	3 18	3 47	17 30	17 21	6 6			
M 3	3 30	0 57	0 48	4 40	3 27	14 7	0 59	15 9	0 33	7 51	1 3	4 51	2 2	0 28	0 46	10 39	1 52	23 41	13 21	3 17	3 46	17 28	17 20	6 7			
T 4	3 7	4s53	0s18	4 36	3 30	13 44	1 1	15 23	0 33	7 56	1 3	4 48	2 2	0 29	0 46	10 39	1 52	23 41	13 20	3 17	3 45	17 25	17 20	6 7			
W 5	2 43	10 36	1 25	4 28	3 33	13 21	1 3	15 36	0 34	8 1	1 3	4 45	2 2	0 30	0 46	10 38	1 52	23 42	13 20	3 17	3 43	17 22	17 19	6 8			
T 6	2 19	16 0	2 29	4 16	3 33	12 57	1 5	15 50	0 35	8 6	1 2	4 42	2 2	0 31	0 46	10 38	1 52	23 42	13 20	3 18	3 42	17 19	17 18	6 8			
F 7	1 56	20 50	3 27	3 59	3 32	12 33	1 7	16 3	0 35	8 11	1 2	4 39	2 2	0 32	0 46	10 38	1 52	23 43	13 20	3 18	3 41	17 16	17 18	6 9			
S 8	1 32	24 46	4 15	3 39	3 28	12 8	1 9	16 16	0 36	8 16	1 2	4 36	2 2	0 33	0 46	10 37	1 52	23 43	13 20	3 19	3 40	17 14	17 17	6 10			
S 9	1 8	27 30	4 51	3 16	3 23	11 43	1 11	16 29	0 36	8 22	1 2	4 33	2 2	0 34	0 46	10 37	1 52	23 43	13 20	3 19	3 38	17 11	17 16	6 10			
M10	0 45	28 43	5 12	2 50	3 16	11 18	1 12	16 42	0 37	8 27	1 2	4 30	2 2	0 35	0 46	10 36	1 52	23 44	13 20	3 19	3 37	17 8	17 16	6 11			
T 11	0 21	28 9	5 16	2 22	3 8	10 52	1 14	16 54	0 37	8 32	1 2	4 27	2 3	0 36	0 46	10 36	1 52	23 44	13 20	3 19	3 36	17 5	17 15	6 11			
W12	0n 3	25 45	5 1	1 53	2 58	10 26	1 15	17 7	0 38	8 37	1 2	4 24	2 3	0 37	0 46	10 35	1 52	23 44	13 20	3 19	3 35	17 2	17 14	6 12			
T 13	0 26	21 39	4 26	1 22	2 46	10 0	1 17	17 19	0 38	8 42	1 2	4 22	2 3	0 38	0 46	10 35	1 52	23 45	13 19	3 18	3 33	16 59	17 14	6 13			
F 14	0 50	16 8	3 33	0 50	2 34	9 34	1 18	17 31	0 39	8 47	1 2	4 19	2 3	0 39	0 46	10 34	1 52	23 45	13 19	3 18	3 32	16 57	17 13	6 13			
S 15	1 13	9 38	2 25	0 19	2 20	9 7	1 19	17 43	0 40	8 52	1 1	4 16	2 3	0 40	0 46	10 34	1 52	23 46	13 19	3 18	3 31	16 54	17 12	6 14			
S 16	1 37	2 35	1 7	0s13	2 5	8 40	1 21	17 55	0 40	8 58	1 1	4 13	2 3	0 41	0 46	10 33	1 52	23 46	13 19	3 18	3 30	16 51	17 12	6 15			
M17	2 1	4n33	0n14	0 43	1 50	8 13	1 22	18 7	0 41	9 3	1 1	4 10	2 3	0 42	0 46	10 33	1 52	23 46	13 19	3 18	3 28	16 48	17 11	6 15			
T 18	2 24	11 19	1 34	1 12	1 35	7 46	1 23	18 19	0 41	9 8	1 1	4 7	2 3	0 43	0 46	10 32	1 52	23 46	13 19	3 18	3 27	16 45	17 10	6 16			
W19	2 47	17 20	2 45	1 39	1 19	7 18	1 24	18 30	0 42	9 13	1 1	4 4	2 3	0 44	0 46	10 32	1 52	23 47	13 19	3 18	3 26	16 42	17 10	6 16			
T 20	3 11	22 18	3 45	2 4	1 3	6 51	1 25	18 41	0 42	9 18	1 1	4 1	2 3	0 45	0 46	10 31	1 52	23 47	13 18	3 18	3 25	16 39	17 9	6 17			
F 21	3 34	25 56	4 31	2 27	0 47	6 23	1 26	18 52	0 43	9 23	1 1	3 59	2 3	0 46	0 46	10 31	1 52	23 47	13 18	3 18	3 23	16 37	17 8	6 18			
S 22	3 57	28 6	5 1	2 48	0 31	5 54	1 27	19 3	0 43	9 28	1 1	3 56	2 3	0 47	0 46	10 30	1 52	23 47	13 18	3 18	3 22	16 34	17 8	6 18			
S 23	4 21	28 45	5 16	3 7	0 15	5 26	1 28	19 14	0 44	9 34	1 1	3 53	2 3	0 48	0 46	10 30	1 52	23 48	13 18	3 18	3 21	16 31	17 7	6 19			
M24	4 44	27 57	5 15	3 22	0 4	5 58	1 28	19 25	0 44	9 39	1 0	3 50	2 3	0 49	0 46	10 29	1 52	23 48	13 18	3 18	3 19	16 28	17 6	6 20			
T 25	5 7	25 50	5 1	3 36	0s14	4 29	1 29	19 35	0 44	9 44	1 0	3 47	2 4	0 50	0 46	10 29	1 52	23 48	13 17	3 18	3 18	16 25	17 6	6 20			
W26	5 30	22 36	4 34	3 47	0 28	4 0	1 30	19 46	0 45	9 49	1 0	3 44	2 4	0 51	0 46	10 28	1 52	23 48	13 17	3 18	3 17	16 22	17 5	6 21			
T 27	5 53	18 29	3 56	3 55	0 42	3 32	1 30	19 56	0 45	9 54	1 0	3 42	2 4	0 52	0 46	10 27	1 52	23 48	13 17	3 18	3 16	16 19	17 4	6 21			
F 28	6 15	13 39	3 7	4 0	0 55	3 3	1 31	20 6	0 46	9 59	1 0	3 39	2 4	0 53	0 46	10 27	1 52	23 49	13 17	3 18	3 14	16 16	17 4	6 22			
S 29	6 38	8 18	2 11	4 4	1 7	2 34	1 31	20 16	0 46	10 4	1 0	3 36	2 4	0 54	0 46	10 26	1 52	23 49	13 16	3 19	3 13	16 13	17 3	6 23			
S 30	7 0	2 36	1 8	4 4	1 19	2 5	1 31	20 25	0 47	10 10	1 0	3 33	2 4	0 55	0 46	10 26	1 52	23 49	13 16	3 19	3 12	16 11	17 2	6 23			
M31	7n23	3s15	0n 1	4s 3	1s30	1s35	1s31	20n35	0n47	10n15	1s 0	3s31	2s 4	0n56	0n46	10s25	1n52	23n49	13n16	3n19	3n11	16n 8	17s 2	6n24			

ASTRODIENST EPHEMERIS for the year 1466

APRIL 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	13 11 32	19°45'28	20°23'33	23°35'50	0°45'45	28°51'28	29°19'29	26°34'26	29°23'29	1°54'08	0°7'08	8°20'19	7°56'19	26°02'26	4°48'34	T 1
W 2	13 15 29	20°44'02	3°16'06	24°28'24	1°59'29	29°31'29	29°33'29	26°11'26	29°21'29	1°52'01	0°6'00	8°19'19	7°53'19	26°14'26	4°48'48	W 2
T 3	13 19 25	21°42'35	15°52'25	25°9'31	3°12'01	29°47'01	29°47'29	26°18'29	29°19'29	1°51'00	0°5'00	8°18'18	7°50'18	26°20'26	4°48'48	T 3
F 4	13 23 22	22°41'06	28°52'25	25°54'42	0°51'00	29°51'00	29°51'29	26°25'29	29°16'16	1°49'00	0°4'00	8°16'16	7°47'16	26°27'26	4°48'48	F 4
S 5	13 27 18	23°39'35	12°21'06	26°43'54	5°40'13	1°31'00	0°16'00	26°32'26	29°14'14	1°48'00	0°3'00	8°14'14	7°43'14	26°34'26	4°48'48	S 5
S 6	13 31 15	24°38'03	25°34'25	27°34'27	6°53'20	2°11'00	0°30'00	26°39'26	29°12'12	1°46'00	0°3'00	8°12'12	7°40'12	26°40'26	4°48'48	S 6
M 7	13 35 11	25°36'29	9°35'15	28°29'28	8°7'00	2°51'00	0°45'00	26°46'26	29°10'10	1°44'00	0°2'00	8°11'11	7°37'11	26°47'26	4°47'47	M 7
T 8	13 39 8	26°34'53	23°9'29	29°27'29	9°21'00	3°31'00	0°59'00	26°53'26	29°7'07	1°43'00	0°1'00	8°10'10	7°34'10	26°54'26	4°47'47	T 8
W 9	13 43 4	27°33'16	7°16'37	0°27'28	10°34'41	4°11'00	1°13'00	27°0'27	29°5'29	1°41'00	0°0'00	8°10'10	7°31'10	27°0'27	4°47'47	W 9
T 10	13 47 1	28°31'37	21°33'13	1°32'00	11°48'45	4°50'00	1°28'00	27°7'27	29°3'29	1°39'00	29°02'59	8°11'11	7°28'11	27°7'27	4°46'46	T 10
F 11	13 50 58	29°29'57	5°58'58	2°38'13	13°2'50	5°30'00	1°42'00	27°13'27	29°1'29	1°38'00	29°59'59	8°12'12	7°24'12	27°14'26	4°46'46	F 11
S 12	13 54 54	0°28'15	20°28'20	3°47'14	14°15'15	6°10'00	1°56'00	27°20'20	28°59'59	1°36'00	29°59'59	8°14'14	7°21'14	27°21'26	4°45'45	S 12
S 13	13 58 51	1°26'31	4°58'58	4°59'15	15°29'29	6°50'00	2°11'00	27°27'27	28°57'57	1°34'00	29°58'58	8°14'14	7°18'18	27°27'26	4°44'44	S 13
M14	14 2 47	2°24'46	19°23'19	6°13'13	16°43'43	7°29'29	2°25'00	27°33'33	28°55'55	1°33'00	29°57'57	8°14'14	7°15'15	27°34'26	4°43'43	M14
T 15	14 6 44	3°22'59	3°39'39	7°29'17	17°57'57	8°9'00	2°39'00	27°40'40	28°53'53	1°31'00	29°57'57	8°12'12	7°12'12	27°41'26	4°42'42	T 15
W16	14 10 40	4°21'11	17°39'17	8°47'19	19°10'10	8°48'48	2°54'00	27°46'46	28°51'51	1°30'00	29°56'56	8°10'10	7°8'08	27°47'26	4°41'41	W16
T 17	14 14 37	5°19'20	1°12'20	10°8'20	20°24'24	9°28'28	3°8'00	27°53'53	28°49'49	1°28'00	29°56'56	8°6'06	7°5'05	27°54'26	4°40'40	T 17
F 18	14 18 33	6°17'28	14°39'14	11°31'31	21°37'37	10°8'08	3°22'00	27°59'59	28°47'47	1°26'00	29°55'55	8°1'01	7°2'02	28°0'28	4°39'39	F 18
S 19	14 22 30	7°15'34	27°37'27	12°56'22	22°51'51	10°47'47	3°36'00	28°6'28	28°45'45	1°25'00	29°55'55	7°57'57	6°59'59	28°7'28	4°38'38	S 19
S 20	14 26 27	8°13'38	10°35'15	14°23'24	24°5'11	11°27'27	3°51'00	28°12'12	28°43'43	1°23'00	29°55'55	7°53'53	6°56'56	28°14'14	4°37'37	S 20
M21	14 30 23	9°11'40	22°34'24	15°53'53	25°18'18	12°6'06	4°5'00	28°18'18	28°41'41	1°21'00	29°54'54	7°51'51	6°53'53	28°21'21	4°35'35	M21
T 22	14 34 20	10°9'40	4°39'39	17°24'24	26°32'32	12°46'46	4°19'00	28°25'25	28°40'40	1°20'00	29°54'54	7°49'49	6°49'49	28°27'27	4°34'34	T 22
W23	14 38 16	11°7'39	16°34'34	18°57'57	27°46'46	13°25'25	4°34'00	28°31'31	28°38'38	1°18'00	29°54'54	7°49'49	6°46'46	28°34'34	4°32'32	W23
T 24	14 42 13	12°5'35	28°25'25	20°33'33	28°59'14	5°4'48	4°48'00	28°37'37	28°36'36	1°17'00	29°53'53	7°51'51	6°43'43	28°41'41	4°30'30	T 24
F 25	14 46 9	13°3'29	10°15'15	22°10'10	0°13'13	14°44'44	5°2'00	28°43'43	28°35'35	1°15'00	29°53'53	7°52'52	6°40'40	28°47'47	4°29'29	F 25
S 26	14 50 6	14°1'22	22°11'11	23°50'50	1°27'27	15°23'23	5°16'00	28°49'49	28°33'33	1°13'00	29°53'53	7°54'54	6°37'37	28°54'54	4°27'27	S 26
S 27	14 54 2	14°59'13	4°16'16	25°31'31	2°40'40	16°3'03	5°31'00	28°55'55	28°32'32	1°12'00	29°53'53	7°55'55	6°34'34	29°1'01	4°25'25	S 27
M28	14 57 59	15°57'02	16°34'34	27°15'15	3°54'54	16°42'42	5°45'00	29°1'01	28°30'30	1°10'00	29°53'53	7°54'54	6°30'30	29°7'07	4°23'23	M28
T 29	15 1 56	16°54'50	29°2'02	29°0'00	5°7'07	17°21'21	5°59'59	29°7'07	28°29'29	1°9'00	29°52'52	7°52'52	6°27'27	29°14'14	4°21'21	T 29
W30	15 5 52	17°52'36	11°58'58	0°34'34	6°21'21	18°11'11	6°13'13	29°31'31	28°27'27	1°11'00	29°52'52	7°49'49	6°24'24	29°02'02	4°19'19	W30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	7n45	9 s 5	1 s 7	3s59	1s40	1s 6	1s32	20n44	0n48	10n20	1 s 0	3s28	2 s 4	0n57	0n46	10s25	1n52	23n49	13n16	3n19	3n 9
W 2	8 7	14 40	2 13	3 53	1 49	0 37	1 32	20 53	0 48	10 25	1 0	3 25	2 4	0 58	0 46	10 24	1 52	23 49	13 16	3 19	3 8
T 3	8 29	19 43	3 13	3 44	1 58	0 7	1 32	21 2	0 48	10 30	1 0	3 23	2 4	0 59	0 46	10 23	1 52	23 49	13 15	3 18	3 7
F 4	8 51	23 56	4 4	3 34	2 6	0n22	1 32	21 11	0 49	10 35	1 0	3 20	2 5	1 0	0 46	10 23	1 52	23 49	13 15	3 17	3 6
S 5	9 13	27 0	4 44	3 21	2 14	0 51	1 32	21 20	0 49	10 40	1 0	3 17	2 5	1 0	0 46	10 22	1 53	23 49	13 15	3 16	3 4
S 6	9 34	28 34	5 8	3 7	2 21	1 21	1 31	21 28	0 50	10 45	0 59	3 15	2 5	1 1	0 46	10 22	1 53	23 50	13 15	3 16	3 3
M 7	9 56	28 26	5 16	2 51	2 27	1 50	1 31	21 37	0 50	10 50	0 59	3 12	2 5	1 2	0 46	10 21	1 53	23 50	13 14	3 15	3 2
T 8	10 17	26 31	5 5	2 33	2 32	2 19	1 31	21 45	0 50	10 55	0 59	3 9	2 5	1 3	0 46	10 21	1 53	23 50	13 14	3 15	3 1
W 9	10 38	22 57	4 36	2 13	2 37	2 49	1 31	21 53	0 51	11 0	0 59	3 7	2 5	1 4	0 46	10 20	1 53	23 50	13 14	3 15	2 5
T 10	10 59	17 59	3 50	1 51	2 41	3 18	1 30	22 0	0 51	11 5	0 59	3 4	2 5	1 5	0 46	10 20	1 53	23 50	13 13	3 15	2 5
F 11	11 20	11 58	2 49	1 28	2 45	3 47	1 30	22 8	0 52	11 10	0 59	3 2	2 5	1 6	0 46	10 19	1 53	23 50	13 13	3 16	2 5
S 12	11 40	5 16	1 36	1 3	2 47	4 16	1 29	22 15	0 52	11 15	0 59	2 59	2 6	1 6	0 46	10 18	1 53	23 49	13 13	3 16	2 5
S 13	12 1	1n42	0 18	0 37	2 50	4 45	1 28	22 22	0 52	11 20	0 59	2 56	2 6	1 7	0 46	10 18	1 53	23 49	13 13	3 17	2 5
M14	12 21	8 33	1n 1	0 9	2 51	5 14	1 28	22 29	0 53	11 25	0 59	2 54	2 6	1 8	0 46	10 17	1 53	23 49	13 12	3 16	2 5
T 15	12 41	14 53	2 15	0n20	2 52	5 43	1 27	22 36	0 53	11 30	0 59	2 51	2 6	1 9	0 46	10 17	1 53	23 49	13 12	3 16	2 5
W16	13 1	20 20	3 20	0 51	2 53	6 12	1 26	22 43	0 53	11 35	0 59	2 49	2 6	1 10	0 46	10 16	1 53	23 49	13 12	3 15	2 5
T 17	13 20	24 35	4 11	1 23	2 52	6 41	1 25	22 49	0 54	11 40	0 59	2 47	2 6	1 10	0 46	10 16	1 53	23 49	13 11	3 13	2 4
F 18	13 39	27 23	4 47	1 56	2 52	7 9	1 24	22 56	0 54	11 45	0 59	2 44	2 6	1 11	0 46	10 15	1 53	23 49	13 11	3 12	2 4
S 19	13 59	28 37	5 8	2 31	2 50	7 37	1 23	23 2	0 54	11 50	0 59	2 42	2 7	1 12	0 46	10 14	1 53	23 49	13 11	3 10	2 4
S 20	14 17	28 19	5 13	3 6	2 48	8 6	1 22	23 8	0 55	11 55	0 59	2 39	2 7	1 12	0 46	10 14	1 53	23 49	13 10	3 8	2 4
M21	14 36	26 35	5 3	3 43	2 46	8 34	1 21	23 13	0 55	12 0	0 59	2 37	2 7	1 13	0 45	10 13	1 53	23 49	13 10	3 7	2 4
T 22	14 55	23 41	4 39	4 21	2 43	9 1	1 20	23 19	0 55	12 5	0 59	2 35	2 7	1 14	0 45	10 13	1 53	23 48	13 10	3 7	2 4
W23	15 13	19 48	4 4	5 0	2 39	9 29	1 19	23 24	0 56	12 10	0 59	2 32	2 7	1 14	0 45	10 12	1 53	23 48	13 10	3 7	2 4
T 24	15 31	15 10	3 19	5 39	2 35	9 56	1 17	23 29	0 56	12 14	0 59	2 30	2 7	1 15	0 45	10 12	1 53	23 48	13 9	3 7	2 4
F 25	15 48	9 59	2 25	6 20	2 30	10 24	1 16	23 34	0 56	12 19	0 59	2 28	2 8	1 16	0 45	10 11	1 53	23 48	13 9	3 8	2 3
S 26	16 6	4 24	1 25	7 2	2 25	10 51	1 15	23 39	0 57	12 24	0 59	2 26	2 8	1 16	0 45	10 11	1 52	23 48	13 9	3 8	2 3
S 27	16 23	1s24	0 20	7 44	2 19	11 17	1 13	23 43	0 57	12 29	0 59	2 23	2 8	1 17	0 45	10 10	1 52	23 47	13 8	3 9	2 3
M28	16 40	7 15	0s47	8 28	2 13	11 44	1 12	23 48	0 57	12 33	0 58	2 21	2 8	1 17	0 45	10 10	1 52	23 47	13 8	3 9	2 3
T 29	16 56	12 57	1 53	9 12	2 6	12 10	1 10	23 52	0 58	12 38	0 58	2 19	2 8	1 18	0 45	10 9	1 52	23 47	13 8	3 8	2 3
W30	17n13	18s14	2s54	9n56	1s59	12n36	1s 9	23n56	0n58	12n43	0s58	2s17	2s 9	1n18	0n45	10s 8	1n52	23n47	13n 7	3n 6	2n33

Julian Day Number = 2256604.5, Delta T = 05m59s

Ecliptic obliquity = $23^{\circ}30'41$, Nutation = $-0^{\circ}00'03$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = $17^{\circ}17'37''$, Lahiri = $16^{\circ}24'37''$ Julian Calendar 1 Apr. 1466 == Greg. Calendar 10 Apr. 1466

ASTRODIENST EPHEMERIS for the year 1466
geocentric

MAY 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	15 9 49	18°50'21	25°11' 6	28°38	7°35	18°40	6°27	29°18	28°26	1°R 6	29°R52	7°R43	6°Y21	29°Ω27	4°R17	T 1
F 2	15 13 45	19°48'04	8°27'30	4°30	8°48	19°19	6°41	29°24	28°24	1°M 4	29°D52	7°Y37	6°18	29°34	4°Z15	F 2
S 3	15 17 42	20°45'47	22° 9	6°23	10° 2	19°58	6°55	29°30	28°23	1° 3	29°Ω52	7°30	6°14	29°41	4°12	S 3
S 4	15 21 38	21°43'28	6°3 0	8°19	11°15	20°37	7° 9	29°35	28°22	1° 1	29°52	7°23	6°11	29°47	4°10	S 4
M 5	15 25 35	22°41'07	19°59	10°17	12°29	21°16	7°24	29°41	28°21	1° 0	29°52	7°18	6° 8	29°54	4° 8	M 5
T 6	15 29 32	23°38'46	4°28 5	12°16	13°43	21°55	7°38	29°46	28°20	0°58	29°52	7°14	6° 5	0°11 1	4° 5	T 6
W 7	15 33 28	24°36'24	18°13	14°18	14°56	22°35	7°52	29°51	28°19	0°57	29°53	7°13	6° 2	0° 7	4° 3	W 7
T 8	15 37 25	25°34'01	2°23 3	16°21	16°10	23°14	8° 6	29°57	28°18	0°55	29°53	7°D13	5°59	0°14	4° 0	T 8
F 9	15 41 21	26°31'36	16°33	18°26	17°23	23°53	8°19	0°Y 2	28°17	0°54	29°53	7°14	5°55	0°21	3°57	F 9
S 10	15 45 18	27°29'11	0°Y41	20°32	18°37	24°32	8°33	0° 7	28°16	0°52	29°53	7°R15	5°52	0°27	3°55	S 10
S 11	15 49 14	28°26'45	14°46	22°40	19°51	25°11	8°47	0°12	28°15	0°51	29°53	7°14	5°49	0°34	3°52	S 11
M12	15 53 11	29°24'18	28°45	24°50	21° 4	25°50	9° 1	0°17	28°14	0°49	29°54	7°13	5°46	0°41	3°49	M12
T 13	15 57 7	0°11'21'50	12°35	27° 0	22°18	26°29	9°15	0°22	28°13	0°48	29°54	7° 8	5°43	0°47	3°46	T 13
W14	16 1 4	1°19'21	26°15	29°11	23°31	27° 8	9°29	0°27	28°12	0°47	29°54	7° 2	5°40	0°54	3°43	W14
T 15	16 5 0	2°16'51	9°11'40	1°11'23	24°45	27°47	9°42	0°32	28°12	0°45	29°55	6°53	5°36	1° 1	3°40	T 15
F 16	16 8 57	3°14'21	22°48	3°35	25°59	28°26	9°56	0°37	28°11	0°44	29°55	6°44	5°33	1° 7	3°37	F 16
S 17	16 12 54	4°11'48	5°39	5°47	27°12	29° 4	10°10	0°41	28°10	0°43	29°55	6°34	5°30	1°14	3°34	S 17
S 18	16 16 50	5° 9'15	18°12	7°58	28°26	29°43	10°23	0°46	28°10	0°41	29°56	6°25	5°27	1°21	3°31	S 18
M19	16 20 47	6° 6'41	0°12'30	10°10	29°40	0°52	10°37	0°50	28° 9	0°40	29°56	6°18	5°24	1°27	3°28	M19
T 20	16 24 43	7° 4'06	12°34	12°20	0°11'53	1° 1	10°50	0°55	28° 9	0°39	29°57	6°12	5°20	1°34	3°24	T 20
W21	16 28 40	8° 1'29	24°29	14°30	2° 7	1°40	11° 4	0°59	28° 9	0°38	29°57	6° 9	5°17	1°41	3°21	W21
T 22	16 32 36	8°58'51	6°19	16°38	3°20	2°19	11°17	1° 3	28° 8	0°36	29°58	6°D 8	5°14	1°47	3°18	T 22
F 23	16 36 33	9°56'12	18° 9	18°45	4°34	2°57	11°31	1° 8	28° 8	0°35	29°59	6° 9	5°11	1°54	3°14	F 23
S 24	16 40 30	10°53'32	0°15 5	20°50	5°48	3°36	11°44	1°12	28° 8	0°34	29°59	6°R 9	5° 8	2° 1	3°11	S 24
S 25	16 44 26	11°50'51	12°13	22°53	7° 1	4°15	11°57	1°16	28° 8	0°33	29°59	6° 9	5° 5	2° 7	3° 8	S 25
M26	16 48 23	12°48'09	24°35	24°55	8°15	4°54	12°11	1°20	28° 7	0°32	0°11 1	6° 8	5° 1	2°14	3° 4	M26
T 27	16 52 19	13°45'26	7°18	26°54	9°29	5°32	12°24	1°24	28° 7	0°31	0° 1	6° 4	4°58	2°21	3° 1	T 27
W28	16 56 16	14°42'42	20°22	28°52	10°42	6°11	12°37	1°27	28°D 7	0°30	0° 2	5°58	4°55	2°27	2°57	W28
T 29	17 0 12	15°39'58	3°24'48	0°54'47	11°56	6°50	12°50	1°31	28° 7	0°29	0° 3	5°49	4°52	2°34	2°53	T 29
F 30	17 4 9	16°37'13	17°36	2°40	13° 9	7°28	13° 3	1°35	28° 8	0°28	0° 4	5°39	4°49	2°41	2°50	F 30
S 31	17 8 5	17°11'34'27	1°34'1	4°53'0	14°11'23	8°57 7	13°16	1°Y38	28°11'8	0°11'27	0°11'4	5°Y28	4°Y46	2°11'47	2°34'6	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
T 1	17n29	22s47	3s48	10n41	1s51	13n 1	1 s 7	23n59	0n58	12n48	0s58	2s15	2s 9	1n19	0n45	10s 8	1n52	23n46	13n 7	3n 4	2n32	14n36	16s45	6n42			
F 2	17 44	26 14	4 30	11 27	1 43	13 27	1 5	24 3	0 58	12 52	0 58	2 13	2 9	1 19	0 45	10 7	1 52	23 46	13 7	3 2	2 30	14 32	16 44	6 43			
S 3	18 0	28 14	4 58	12 13	1 34	13 52	1 4	24 6	0 59	12 57	0 58	2 11	2 9	1 20	0 45	10 7	1 52	23 46	13 6	2 59	2 29	14 29	16 44	6 43			
S 4	18 15	28 31	5 8	12 59	1 25	14 16	1 2	24 10	0 59	13 1	0 58	2 9	2 9	1 20	0 45	10 6	1 52	23 45	13 6	2 56	2 28	14 26	16 43	6 44			
M 5	18 30	26 59	5 1	13 45	1 16	14 41	1 0	24 12	0 59	13 6	0 58	2 7	2 10	1 21	0 45	10 6	1 52	23 45	13 6	2 54	2 27	14 23	16 43	6 44			
T 6	18 44	23 45	4 36	14 31	1 6	15 5	0 58	24 15	1 0	13 11	0 58	2 5	2 10	1 21	0 45	10 5	1 52	23 45	13 5	2 53	2 25	14 20	16 42	6 45			
W 7	18 59	19 6	3 53	15 17	0 56	15 28	0 56	24 18	1 0	13 15	0 58	2 3	2 10	1 22	0 45	10 5	1 52	23 44	13 5	2 52	2 24	14 17	16 42	6 45			
T 8	19 13	13 24	2 57	16 3	0 46	15 51	0 54	24 20	1 0	13 20	0 58	2 1	2 10	1 22	0 45	10 4	1 52	23 44	13 5	2 52	2 23	14 14	16 42	6 46			
F 9	19 26	7 0	1 49	16 48	0 36	16 14	0 52	24 22	1 0	13 24	0 58	1 59	2 10	1 22	0 45	10 4	1 52	23 44	13 4	2 53	2 22	14 11	16 41	6 46			
S 10	19 39	0 16	0 35	17 32	0 25	16 37	0 50	24 24	1 1	13 29	0 58	1 57	2 11	1 23	0 45	10 4	1 52	23 43	13 4	2 53	2 20	14 8	16 41	6 47			
S 11	19 52	6n27	0n40	18 16	0 14	16 59	0 48	24 26	1 1	13 33	0 58	1 55	2 11	1 23	0 45	10 3	1 52	23 43	13 4	2 53	2 19	14 5	16 40	6 47			
M12	20 5	12 49	1 53	18 58	0 4	17 20	0 46	24 28	1 1	13 37	0 58	1 53	2 11	1 23	0 45	10 3	1 52	23 43	13 3	2 52	2 18	14 2	16 40	6 47			
T 13	20 17	18 29	2 58	19 39	0n 7	17 41	0 44	24 29	1 1	13 42	0 58	1 51	2 11	1 24	0 45	10 2	1 52	23 42	13 3	2 50	2 17	13 59	16 40	6 48			
W14	20 29	23 7	3 52	20 19	0 17	18 2	0 42	24 30	1 1	13 46	0 58	1 50	2 11	1 24	0 45	10 2	1 52	23 42	13 3	2 48	2 15	13 56	16 39	6 48			
T 15	20 41	26 26	4 32	20 57	0 28	18 22	0 40	24 31	1 2	13 51	0 58	1 48	2 12	1 24	0 45	10 1	1 52	23 41	13 2	2 45	2 14	13 53	16 39	6 49			
F 16	20 52	28 14	4 56	21 33	0 38	18 42	0 38	24 32	1 2	13 55	0 58	1 46	2 12	1 24	0 45	10 1	1 52	23 41	13 2	2 41	2 13	13 50	16 39	6 49			
S 17	21 3	28 28	5 5	22 7	0 48	19 1	0 35	24 33	1 2	13 59	0 58	1 45	2 12	1 25	0 45	10 0	1 52	23 40	13 2	2 37	2 11	13 47	16 38	6 49			
S 18	21 13	27 12	4 58	22 38	0 57	19 20	0 33	24 33	1 2	14 3	0 58	1 43	2 12	1 25	0 44	10 0	1 52	23 40	13 1	2 33	2 10	13 44	16 38	6 50			
M19	21 24	24 38	4 38	23 7	1 6	19 38	0 31	24 33	1 3	14 8	0 58	1 41	2 13	1 25	0 44	10 0	1 52	23 39	13 1	2 30	2 9	13 40	16 38	6 50			
T 20	21 33	21 1	4 6	23 34	1 14	19 56	0 29	24 33	1 3	14 12	0 58	1 40	2 13	1 25	0 44	9 59	1 52	23 39	13 1	2 28	2 8	13 37	16 38	6 51			
W21	21 43	16 36	3 23	23 58	1 22	20 13	0 26	24 33	1 3	14 16	0 58	1 38	2 13	1 25	0 44	9 59	1 52	23 38	13 0	2 27	2 6	13 34	16 37	6 51			
T 22	21 52	11 35	2 32	24 19	1 29	20 29	0 24	24 33	1 3	14 20	0 58	1 37	2 13	1 25	0 44	9 58	1 52	23 38	13 0	2 27	2 5	13 31	16 37	6 51			
F 23	22 0	6 9	1 35	24 37	1 36	20 46	0 22	24 32	1 3	14 24	0 58	1 35	2 14	1 25	0 44	9 58	1 52	23 37	13 0	2 27	2 4	13 28	16 37	6 52			
S 24	22 9	0 28	0 32	24 53	1 41	21 1	0 20	24 31	1 4	14 28	0 58	1 34	2 14	1 25	0 44	9 58	1 52	23 37	12 59	2 27	2 3	13 25	16 37	6 52			
S 25	22 17	5s20	0s32	25 6	1 47	21 16	0 17	24 30	1 4	14 33	0 58	1 33	2 14	1 25	0 44	9 57	1 52	23 36	12 59	2 27	2 1	13 22	16 36	6 52			
M26	22 24	11 3	1 37	25 16	1 51	21 30	0 15	24 29	1 4	14 37	0 58	1 31	2 14	1 25	0 44	9 57	1 52	23 36	12 59	2 26	2 0	13 19	16 36	6 53			
T 27	22 31	16 28	2 38	25 23	1 55	21 44	0 12	24 28	1 4	14 41	0 58	1 30	2 15	1 25	0 44	9 57	1 52	23 35	12 59	2 25	1 59	13 16	16 36	6 53			
W28	22 38	21 18	3 32	25 28	1 58	21 57	0 10	24 26	1 4	14 45	0 58	1 29	2 15	1 25	0 44	9 56	1 52	23 35	12 58	2 22	1 58	13 13	16 36	6 53			
T 29	22 44	25 10	4 17	25 30	2 0	22 10	0 8	24 24	1 4	14 48	0 59	1 27	2 15	1 25	0 44	9 56	1 52	23 34	12 58	2 19	1 56	13 9	16 35	6 53			
F 30	22 50	27 42	4 47	25 30	2 1	22 21	0 5	24 23	1 5	14 52	0 59	1 26	2 15	1 25	0 44	9 56	1 51	23 33	12 58	2 15	1 55	13 6	16 35	6 54			
S 31	22n56	28s31	5s 1	25n28	2n 2	22n33	0s 3	24n20	1n 5	14n56	0s59	1s25	2s16	1n25	0n44	9s55	1n51	23n33	12n57	2n11	1n54	13n 3	16s35	6n54			

Julian Day Number = 2256634.5, Delta T = 05m59s

Ecliptic obliquity = 23°30'40", Nutation = - 0°00'03", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°17'41", Lahiri = 16°24'42" Julian Calendar 1 May 1466 == Greg. Calendar 10 May 1466

ASTRODIENST EPHEMERIS for the year 1466

geocentric

JUNE 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17 12 2	18°31'41"	15°58'	6°18'	15°37'	8°46'	13°29'	1°42'	28°8'	0°26'	0°5'	5°18'	4°42'	2°54'	2°42'	S 1
M 2	17 15 59	19°28'55"	0°23'	8°4'	16°50'	9°24'	13°42'	1°45'	28°8'	0°25'	0°6'	5°9'	4°39'	3°1'	2°39'	M 2
T 3	17 19 55	20°26'08"	14°48'	9°48'	18°4'	10°3'	13°55'	1°48'	28°8'	0°24'	0°7'	5°3'	4°36'	3°8'	2°35'	T 3
W 4	17 23 52	21°23'21"	29°9'	11°29'	19°18'	10°41'	14°7'	1°51'	28°9'	0°23'	0°8'	4°59'	4°33'	3°14'	2°31'	W 4
T 5	17 27 48	22°20'34"	13°24'	13°8'	20°31'	11°20'	14°20'	1°55'	28°9'	0°22'	0°9'	4°58'	4°30'	3°21'	2°28'	T 5
F 6	17 31 45	23°17'46"	27°30'	14°44'	21°45'	11°58'	14°33'	1°58'	28°10'	0°21'	0°10'	4°57'	4°26'	3°28'	2°24'	F 6
S 7	17 35 41	24°14'59"	11°26'	16°18'	22°59'	12°37'	14°45'	2°0'	28°10'	0°20'	0°11'	4°57'	4°23'	3°34'	2°20'	S 7
S 8	17 39 38	25°12'11"	25°12'	17°49'	24°12'	13°15'	14°58'	2°3'	28°11'	0°20'	0°12'	4°56'	4°20'	3°41'	2°16'	S 8
M 9	17 43 34	26°9'24"	8°49'	19°18'	25°26'	13°54'	15°10'	2°6'	28°11'	0°19'	0°13'	4°53'	4°17'	3°47'	2°12'	M 9
T 10	17 47 31	27°6'37"	22°16'	20°45'	26°40'	14°32'	15°23'	2°9'	28°12'	0°18'	0°14'	4°47'	4°14'	3°54'	2°9'	T 10
W 11	17 51 28	28°3'49"	5°31'	22°9'	27°54'	15°11'	15°35'	2°11'	28°13'	0°17'	0°15'	4°38'	4°11'	4°1'	2°5'	W 11
T 12	17 55 24	29°1'02"	18°35'	23°31'	29°7'	15°49'	15°47'	2°14'	28°14'	0°17'	0°17'	4°27'	4°7'	4°7'	2°1'	T 12
F 13	17 59 21	29°58'14"	1°26'	24°50'	0°21'	16°28'	15°59'	2°16'	28°14'	0°16'	0°18'	4°14'	4°4'	4°14'	1°57'	F 13
S 14	18 3 17	0°55'26"	14°4'	26°6'	1°35'	17°6'	16°11'	2°18'	28°15'	0°15'	0°19'	4°1'	4°1'	4°21'	1°53'	S 14
S 15	18 7 14	1°52'38"	26°27'	27°20'	2°48'	17°45'	16°23'	2°20'	28°16'	0°15'	0°20'	3°49'	3°58'	4°27'	1°49'	S 15
M 16	18 11 10	2°49'50"	8°38'	28°31'	4°2'	18°23'	16°35'	2°22'	28°17'	0°14'	0°21'	3°39'	3°55'	4°34'	1°45'	M 16
T 17	18 15 7	3°47'02"	20°38'	29°39'	5°16'	19°2'	16°47'	2°24'	28°18'	0°14'	0°23'	3°31'	3°52'	4°41'	1°42'	T 17
W 18	18 19 4	4°44'13"	2°30'	0°45'	6°30'	19°40'	16°59'	2°26'	28°19'	0°13'	0°24'	3°26'	3°48'	4°47'	1°38'	W 18
T 19	18 23 0	5°41'24"	14°18'	1°47'	7°44'	20°18'	17°10'	2°28'	28°20'	0°13'	0°25'	3°23'	3°45'	4°54'	1°34'	T 19
F 20	18 26 57	6°38'35"	26°7'	2°46'	8°57'	20°57'	17°22'	2°30'	28°22'	0°12'	0°27'	3°22'	3°42'	5°1'	1°30'	F 20
S 21	18 30 53	7°35'46"	8°3'	3°43'	10°11'	21°35'	17°33'	2°31'	28°23'	0°12'	0°28'	3°22'	3°39'	5°7'	1°26'	S 21
S 22	18 34 50	8°32'57"	20°9'	4°36'	11°25'	22°14'	17°45'	2°33'	28°24'	0°12'	0°29'	3°22'	3°36'	5°14'	1°22'	S 22
M 23	18 38 46	9°30'07"	2°33'	5°25'	12°39'	22°52'	17°56'	2°34'	28°25'	0°11'	0°31'	3°20'	3°32'	5°21'	1°19'	M 23
T 24	18 42 43	10°27'18"	15°18'	6°11'	13°52'	23°30'	18°7'	2°35'	28°27'	0°11'	0°32'	3°16'	3°29'	5°27'	1°15'	T 24
W 25	18 46 39	11°24'28"	28°28'	6°54'	15°6'	24°9'	18°18'	2°36'	28°28'	0°11'	0°34'	3°10'	3°26'	5°34'	1°11'	W 25
T 26	18 50 36	12°21'39"	12°4'	7°32'	16°20'	24°47'	18°30'	2°38'	28°30'	0°10'	0°35'	3°2'	3°23'	5°41'	1°7'	T 26
F 27	18 54 33	13°18'50"	26°7'	8°7'	17°34'	25°25'	18°40'	2°39'	28°31'	0°10'	0°37'	2°51'	3°20'	5°47'	1°4'	F 27
S 28	18 58 29	14°16'01"	10°31'	8°38'	18°48'	26°3'	18°51'	2°39'	28°33'	0°10'	0°38'	2°40'	3°17'	5°54'	1°0'	S 28
S 29	19 2 26	15°13'13"	25°12'	9°4'	20°2'	26°42'	19°2'	2°40'	28°35'	0°10'	0°40'	2°30'	3°13'	6°1'	0°56'	S 29
M 30	19 6 22	16°10'24"	10°1'	9°26'	21°15'	27°20'	19°13'	2°41'	28°36'	0°10'	0°41'	2°21'	3°10'	6°7'	0°53'	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23n 1	27s28	4s57	25n23	2n 2	22n43	0s 1	24n18	1n 5	15n 0	0s59	1s24	2s16	1n25	0n44	S 1
M 2	23 6	24 35	4 33	25 17	2 1	22 53	0n 2	24 16	1 5	15 4	0 59	1 23	2 16	1 25	0 44	M 2
T 3	23 10	20 9	3 53	25 8	2 0	23 3	0 4	24 13	1 5	15 8	0 59	1 22	2 16	1 25	0 44	T 3
W 4	23 14	14 34	2 57	24 58	1 57	23 11	0 7	24 10	1 5	15 11	0 59	1 21	2 17	1 25	0 44	W 4
T 5	23 17	8 16	1 52	24 46	1 55	23 19	0 9	24 7	1 6	15 15	0 59	1 20	2 17	1 24	0 44	T 5
F 6	23 20	1 36	0 39	24 32	1 51	23 26	0 11	24 4	1 6	15 19	0 59	1 19	2 17	1 24	0 44	F 6
S 7	23 23	5n 4	0n34	24 17	1 47	23 33	0 14	24 0	1 6	15 23	0 59	1 18	2 17	1 24	0 44	S 7
S 8	23 25	11 24	1 45	24 0	1 42	23 39	0 16	23 57	1 6	15 26	0 59	1 17	2 18	1 24	0 44	S 8
M 9	23 27	17 9	2 49	23 43	1 37	23 44	0 18	23 53	1 6	15 30	0 59	1 16	2 18	1 23	0 44	M 9
T 10	23 29	21 58	3 42	23 24	1 31	23 49	0 21	23 49	1 6	15 33	0 59	1 15	2 18	1 23	0 44	T 10
W 11	23 30	25 36	4 23	23 4	1 24	23 53	0 23	23 45	1 6	15 37	0 59	1 15	2 18	1 23	0 43	W 11
T 12	23 30	27 49	4 49	22 43	1 17	23 56	0 25	23 40	1 7	15 40	0 59	1 14	2 19	1 22	0 43	T 12
F 13	23 31	28 30	5 0	22 21	1 9	23 58	0 27	23 36	1 7	15 44	0 59	1 13	2 19	1 22	0 43	F 13
S 14	23 30	27 40	4 56	21 59	1 1	24 0	0 30	23 31	1 7	15 47	0 59	1 13	2 19	1 22	0 43	S 14
S 15	23 30	25 28	4 37	21 36	0 52	24 1	0 32	23 26	1 7	15 51	0 59	1 12	2 20	1 21	0 43	S 15
M 16	23 29	22 7	4 7	21 13	0 42	24 1	0 34	23 21	1 7	15 54	0 59	1 11	2 20	1 21	0 43	M 16
T 17	23 27	17 54	3 25	20 49	0 32	24 1	0 36	23 16	1 7	15 57	0 59	1 11	2 20	1 20	0 43	T 17
W 18	23 26	13 2	2 36	20 25	0 22	23 59	0 38	23 10	1 7	16 0	0 59	1 10	2 20	1 20	0 43	W 18
T 19	23 23	7 43	1 39	20 0	0 11	23 58	0 41	23 5	1 7	16 4	0 59	1 10	2 21	1 19	0 43	T 19
F 20	23 21	2 8	0 38	19 36	0s 0	23 55	0 43	22 59	1 7	16 7	0 59	1 10	2 21	1 19	0 43	F 20
S 21	23 18	3s35	0s25	19 11	0 12	23 52	0 45	22 53	1 8	16 10	1 0	1 9	2 21	1 18	0 43	S 21
S 22	23 14	9 15	1 28	18 47	0 24	23 48	0 47	22 47	1 8	16 13	1 0	1 9	2 21	1 18	0 43	S 22
M 23	23 10	14 42	2 28	18 23	0 36	23 43	0 49	22 41	1 8	16 16	1 0	1 9	2 22	1 17	0 43	M 23
T 24	23 6	19 42	3 23	17 59	0 49	23 38	0 51	22 34	1 8	16 19	1 0	1 8	2 22	1 17	0 43	T 24
W 25	23 1	23 54	4 8	17 36	1 2	23 31	0 53	22 28	1 8	16 22	1 0	1 8	2 22	1 16	0 43	W 25
T 26	22 56	26 57	4 41	17 13	1 16	23 25	0 54	22 21	1 8	16 25	1 0	1 8	2 23	1 15	0 43	T 26
F 27	22 51	28 26	4 59	16 51	1 30	23 17	0 56	22 14	1 8	16 28	1 0	1 8	2 23	1 15	0 43	F 27
S 28	22 45	28 3	4 58	16 30	1 44	23 9	0 58	22 7	1 8	16 31	1 0	1 8	2 23	1 14	0 43	S 28
S 29	22 38	25 43	4 38	16 9	1 58	23 0	1 0	22 0	1 8	16 34	1 0	1 8	2 23	1 13	0 43	S 29
M 30	22n32	21s38	3s59	15n50	2s12	22n50	1n 2	21n52	1n 8	16n37	1s 0	1s 8	2s24	1n13	0n43	M 30

Julian Day Number = 2256665.5, Delta T = 05m59s

Ecliptic obliquity = 23°30'39", Nutation = - 0°00'02", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°17'45", Lahiri = 16°24'46" Julian Calendar 1 June 1466 == Greg. Calendar 10 June 1466

ASTRODIENST EPHEMERIS for the year 1466

geocentric

JULY 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 10 19	17° 7'37"	24° 49'	9° 44'	22° 29'	27° 58'	19° 23'	2° 41'	28° 38'	0° 10'	0° 43'	2° 14'	3° 7'	6° 14'	0° 49'	T 1
W 2	19 14 15	18° 4'50"	9° 31'	9° 57'	23° 43'	28° 36'	19° 34'	2° 42'	28° 40'	0° 10'	0° 44'	2° 10'	3° 4'	6° 21'	0° 46'	W 2
T 3	19 18 12	19° 2'03"	23° 59'	10° 5'	24° 57'	29° 15'	19° 44'	2° 42'	28° 42'	0° 10'	0° 46'	2° 9'	3° 1'	6° 27'	0° 42'	T 3
F 4	19 22 8	19° 59'17"	8° 12'	10° R 9	26° 11'	29° 53'	19° 54'	2° 42'	28° 43'	0° 10'	0° 48'	2° D 9	2° 58'	6° 34'	0° 38'	F 4
S 5	19 26 5	20° 56'33"	22° 8'	10° 7'	27° 25'	0° 31'	20° 4'	2° 43'	28° 45'	0° 10'	0° 49'	2° R 9	2° 54'	6° 41'	0° 35'	S 5
S 6	19 30 2	21° 53'49"	5° 47'	10° 1'	28° 38'	1° 9'	20° 15'	2° R 43	28° 47'	0° 10'	0° 51'	2° 8'	2° 51'	6° 47'	0° 32'	S 6
M 7	19 33 58	22° 51'06"	19° 10'	9° 50'	29° 52'	1° 48'	20° 24'	2° 43'	28° 49'	0° 10'	0° 53'	2° 5'	2° 48'	6° 54'	0° 28'	M 7
T 8	19 37 55	23° 48'24"	2° 11'	9° 33'	1° 6'	2° 26'	20° 34'	2° 42'	28° 51'	0° 10'	0° 54'	2° 0'	2° 45'	7° 1'	0° 25'	T 8
W 9	19 41 51	24° 45'43"	15° 16'	9° 12'	2° 20'	3° 4'	20° 44'	2° 42'	28° 53'	0° 10'	0° 56'	1° 53'	2° 42'	7° 7'	0° 21'	W 9
T 10	19 45 48	25° 43'03"	28° 0'	8° 47'	3° 34'	3° 42'	20° 54'	2° 42'	28° 56'	0° 10'	0° 58'	1° 43'	2° 38'	7° 14'	0° 18'	T 10
F 11	19 49 44	26° 40'24"	10° 33'	8° 17'	4° 48'	4° 21'	21° 3'	2° 41'	28° 58'	0° 10'	1° 0'	1° 32'	2° 35'	7° 21'	0° 15'	F 11
S 12	19 53 41	27° 37'45"	22° 54'	7° 43'	6° 2'	4° 59'	21° 12'	2° 41'	29° 0'	0° 11'	1° 1'	1° 20'	2° 32'	7° 27'	0° 12'	S 12
S 13	19 57 37	28° 35'08"	5° 6'	7° 6'	7° 16'	5° 37'	21° 22'	2° 40'	29° 2'	0° 11'	1° 3'	1° 9'	2° 29'	7° 34'	0° 9'	S 13
M14	20 1 34	29° 32'31"	17° 8'	6° 25'	8° 30'	6° 15'	21° 31'	2° 39'	29° 5'	0° 11'	1° 5'	1° 0'	2° 26'	7° 41'	0° 5'	M14
T 15	20 5 31	0° 29'55"	29° 2'	5° 42'	9° 44'	6° 53'	21° 40'	2° 38'	29° 7'	0° 12'	1° 7'	0° 53'	2° 23'	7° 47'	0° 2'	T 15
W16	20 9 27	1° 27'19"	10° 51'	4° 58'	10° 58'	7° 32'	21° 49'	2° 37'	29° 9'	0° 12'	1° 9'	0° 49'	2° 19'	7° 54'	29° 59'	W16
T 17	20 13 24	2° 24'45"	22° 37'	4° 12'	12° 12'	8° 10'	21° 57'	2° 36'	29° 12'	0° 13'	1° 11'	0° 47'	2° 16'	8° 1'	29° 57'	T 17
F 18	20 17 20	3° 22'11"	4° 25'	3° 26'	13° 26'	8° 48'	22° 6'	2° 35'	29° 14'	0° 13'	1° 12'	0° D 46	2° 13'	8° 7'	29° 54'	F 18
S 19	20 21 17	4° 19'37"	16° 20'	2° 41'	14° 40'	9° 26'	22° 14'	2° 34'	29° 17'	0° 13'	1° 14'	0° 47'	2° 10'	8° 14'	29° 51'	S 19
S 20	20 25 13	5° 17'05"	28° 25'	1° 58'	15° 54'	10° 4'	22° 23'	2° 33'	29° 19'	0° 14'	1° 16'	0° 48'	2° 7'	8° 21'	29° 48'	S 20
M21	20 29 10	6° 14'33"	10° 46'	1° 16'	17° 8'	10° 43'	22° 31'	2° 31'	29° 22'	0° 15'	1° 18'	0° R 48	2° 4'	8° 27'	29° 45'	M21
T 22	20 33 6	7° 12'03"	23° 29'	0° 38'	18° 22'	11° 21'	22° 39'	2° 30'	29° 25'	0° 15'	1° 20'	0° 46'	2° 0'	8° 34'	29° 43'	T 22
W23	20 37 3	8° 9'33"	6° 38'	0° 4'	19° 36'	11° 59'	22° 47'	2° 28'	29° 27'	0° 16'	1° 22'	0° 43'	1° 57'	8° 41'	29° 40'	W23
T 24	20 41 0	9° 7'04"	20° 15'	29° 35'	20° 49'	12° 37'	22° 55'	2° 26'	29° 30'	0° 16'	1° 24'	0° 38'	1° 54'	8° 47'	29° 38'	T 24
F 25	20 44 56	10° 4'35"	4° 20'	29° 11'	22° 3'	13° 15'	23° 2'	2° 24'	29° 33'	0° 17'	1° 26'	0° 31'	1° 51'	8° 54'	29° 35'	F 25
S 26	20 48 53	11° 2'08"	18° 52'	28° 52'	23° 17'	13° 53'	23° 10'	2° 22'	29° 35'	0° 18'	1° 28'	0° 24'	1° 48'	9° 1'	29° 33'	S 26
S 27	20 52 49	11° 59'42"	3° 44'	28° 40'	24° 31'	14° 32'	23° 17'	2° 20'	29° 38'	0° 19'	1° 30'	0° 16'	1° 44'	9° 7'	29° 30'	S 27
M28	20 56 46	12° 57'17"	18° 49'	28° D 35	25° 45'	15° 10'	23° 24'	2° 18'	29° 41'	0° 19'	1° 32'	0° 10'	1° 41'	9° 14'	29° 28'	M28
T 29	21 0 42	13° 54'54"	3° 56'	28° 36'	26° 59'	15° 48'	23° 31'	2° 16'	29° 44'	0° 20'	1° 34'	0° 6'	1° 38'	9° 21'	29° 26'	T 29
W30	21 4 39	14° 52'31"	18° 57'	28° 45'	28° 13'	16° 26'	23° 38'	2° 14'	29° 47'	0° 21'	1° 36'	0° 4'	1° 35'	9° 27'	29° 24'	W30
T 31	21 8 35	15° 50'10"	3° 44'	29° 1'	29° 127	17° 4'	23° 45'	2° 11'	29° 50'	0° 22'	1° 38'	0° D 3	1° 32'	9° 34'	29° 22'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22n25	16s10	3s 4	15n31	2s26	22n40	1n 3	21n45	1n 8	16n40	1s 0	1s 8	2s24	1n12	0n43	9s51
W 2	22 17	9 50	1 57	15 14	2 40	22 29	1 5	21 37	1 8	16 42	1 0	1 8	2 24	1 11	0 43	9 51
T 3	22 9	3 3	0 43	14 58	2 54	22 18	1 6	21 29	1 9	16 45	1 0	1 8	2 25	1 10	0 43	9 51
F 4	22 1	3n45	0n32	14 44	3 8	22 5	1 8	21 21	1 9	16 48	1 1	1 8	2 25	1 10	0 43	9 51
S 5	21 52	10 15	1 44	14 31	3 22	21 52	1 9	21 13	1 9	16 50	1 1	1 8	2 25	1 9	0 42	9 51
S 6	21 43	16 8	2 49	14 20	3 35	21 39	1 11	21 5	1 9	16 53	1 1	1 9	2 25	1 8	0 42	9 51
M 7	21 34	21 8	3 42	14 11	3 47	21 25	1 12	20 56	1 9	16 56	1 1	1 9	2 26	1 7	0 42	9 51
T 8	21 24	24 59	4 24	14 4	3 59	21 10	1 14	20 48	1 9	16 58	1 1	1 9	2 26	1 6	0 42	9 51
W 9	21 14	27 30	4 50	13 59	4 10	20 55	1 15	20 39	1 9	17 1	1 1	1 9	2 26	1 5	0 42	9 52
T 10	21 4	28 32	5 2	13 56	4 20	20 39	1 16	20 30	1 9	17 3	1 1	1 10	2 27	1 4	0 42	9 52
F 11	20 53	28 4	4 59	13 54	4 30	20 22	1 17	20 21	1 9	17 5	1 1	1 10	2 27	1 4	0 42	9 52
S 12	20 42	26 11	4 42	13 55	4 37	20 5	1 18	20 12	1 9	17 8	1 1	1 11	2 27	1 3	0 42	9 52
S 13	20 30	23 7	4 12	13 58	4 44	19 47	1 19	20 2	1 9	17 10	1 1	1 11	2 27	1 2	0 42	9 52
M14	20 18	19 6	3 31	14 4	4 49	19 29	1 20	19 53	1 9	17 12	1 1	1 12	2 28	1 1	0 42	9 52
T 15	20 6	14 22	2 41	14 11	4 52	19 10	1 21	19 43	1 9	17 15	1 2	1 12	2 28	1 0	0 42	9 52
W16	19 54	9 8	1 45	14 20	4 54	18 51	1 22	19 33	1 9	17 17	1 2	1 13	2 28	0 58	0 42	9 53
T 17	19 41	3 36	0 44	14 30	4 54	18 31	1 23	19 23	1 9	17 19	1 2	1 14	2 28	0 59	0 42	9 53
F 18	19 28	2s 4	0s20	14 43	4 52	18 11	1 24	19 13	1 9	17 21	1 2	1 14	2 29	0 57	0 42	9 53
S 19	19 14	7 43	1 23	14 56	4 48	17 50	1 24	19 3	1 9	17 23	1 2	1 15	2 29	0 56	0 42	9 53
S 20	19 0	13 10	2 23	15 11	4 43	17 28	1 25	18 53	1 9	17 25	1 2	1 16	2 29	0 55	0 42	9 54
M21	18 46	18 14	3 18	15 27	4 35	17 6	1 25	18 43	1 9	17 27	1 2	1 17	2 30	0 54	0 42	9 54
T 22	18 32	22 39	4 5	15 44	4 26	16 44	1 26	18 32	1 9	17 29	1 2	1 18	2 30	0 53	0 42	9 54
W23	18 17	26 6	4 41	16 2	4 16	16 21	1 26	18 21	1 9	17 31	1 2	1 19	2 30	0 51	0 42	9 54
T 24	18 2	28 11	5 2	16 19	4 4	15 58	1 27	18 11	1 9	17 33	1 2	1 20	2 30	0 50	0 42	9 55
F 25	17 46	28 33	5 7	16 37	3 51	15 34	1 27	18 0	1 9	17 35	1 3	1 21	2 31	0 49	0 42	9 55
S 26	17 31	27 0	4 52	16 55	3 37	15 10	1 27	17 49	1 9	17 36	1 3	1 22	2 31	0 48	0 42	9 55
S 27	17 15	23 32	4 17	17 12	3 22	14 46	1 27	17 37	1 9	17 38	1 3	1 23	2 31	0 47	0 42	9 55
M28	16 59	18 28	3 24	17 29	3 6	14 21	1 27	17 26	1 9	17 40	1 3	1 24	2 31	0 46	0 42	9 56
T 29	16 42	12 13	2 16	17 44	2 49	13 55	1 28	17 15	1 9	17 42	1 3	1 25	2 32	0 45	0 42	9 56
W30	16 25	5 18	1 0	17 59	2 32	13 30	1 27	17 3	1 9	17 43	1 3	1 26	2 32	0 43	0 42	9 56
T 31	16n 8	1n48	0n20	18n13	2s15	13n 4	1n27	16n52	1n 9	17n45	1s 3	1s27	2s32	0n42	0n42	9s57

Julian Day Number = 2256695.5, Delta T = 05m59s

Ecliptic obliquity = 23°30'40", Nutation = 0°00'00", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°17'49", Lahiri = 16°24'50" Julian Calendar 1 July 1466 == Greg. Calendar 10 July 1466

ASTRODIENST EPHEMERIS for the year 1466

geocentric

AUGUST 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21 12 32	16 ⁰ 47'51	18 ⁰ 11	29 ⁰ 25	0 ⁰ 41	17 ⁰ 42	23 ⁰ 52	2°R 9	29 ⁰ 53	0 ⁰ 23	1 ⁰ 40	0°Y 4	1°Y29	9 ⁰ 41	29°R20	F 1
S 2	21 16 29	17°45'33	2 ⁰ 16	29°56	1°55	18°21	23°58	2°Y 6	29°56	0°24	1°42	0° 5	1°25	9°47	29°18	S 2
S 3	21 20 25	18°43'17	15°58	0 ⁰ 34	3° 9	18°59	24° 4	2° 3	29°59	0°25	1°44	0°R 6	1°22	9°54	29°16	S 3
M 4	21 24 22	19°41'03	29°18	1°19	4°23	19°37	24°11	2° 1	0 ⁰ 2	0°26	1°46	0° 6	1°19	10° 0	29°14	M 4
T 5	21 28 18	20°38'51	12 ⁰ 12	2°12	5°37	20°15	24°17	1°58	0° 5	0°27	1°48	0° 4	1°16	10° 7	29°12	T 5
W 6	21 32 15	21°36'40	25° 4	3°11	6°51	20°53	24°22	1°55	0° 8	0°28	1°50	29 ⁰ 59	1°13	10°14	29°11	W 6
T 7	21 36 11	22°34'31	7 ⁰ 34	4°17	8° 5	21°32	24°28	1°52	0°11	0°29	1°52	29°55	1°10	10°20	29° 9	T 7
F 8	21 40 8	23°32'24	19°53	5°29	9°19	22°10	24°33	1°49	0°15	0°30	1°54	29°48	1° 6	10°27	29° 8	F 8
S 9	21 44 4	24°30'18	2 ⁰ 1	6°47	10°33	22°48	24°39	1°46	0°18	0°31	1°56	29°42	1° 3	10°34	29° 6	S 9
S 10	21 48 1	25°28'14	14° 1	8°11	11°47	23°26	24°44	1°42	0°21	0°32	1°58	29°36	1° 0	10°40	29° 5	S 10
M 11	21 51 58	26°26'12	25°55	9°40	13° 1	24° 4	24°49	1°39	0°24	0°33	2° 0	29°31	0°57	10°47	29° 4	M 11
T 12	21 55 54	27°24'11	7 ⁰ 44	11°13	14°15	24°43	24°54	1°36	0°28	0°34	2° 2	29°27	0°54	10°54	29° 3	T 12
W 13	21 59 51	28°22'12	19°31	12°51	15°29	25°21	24°58	1°32	0°31	0°36	2° 4	29°25	0°50	11° 0	29° 1	W 13
T 14	22 3 47	29°20'14	1 ⁰ 18	14°32	16°43	25°59	25° 3	1°29	0°34	0°37	2° 6	29°D25	0°47	11° 7	29° 0	T 14
F 15	22 7 44	0 ⁰ 18'18	13° 8	16°17	17°57	26°37	25° 7	1°25	0°38	0°38	2° 8	29°26	0°44	11°14	28°59	F 15
S 16	22 11 40	1°16'23	25° 5	18° 5	19°11	27°15	25°11	1°21	0°41	0°40	2°10	29°27	0°41	11°20	28°59	S 16
S 17	22 15 37	2°14'30	7 ⁰ 12	19°54	20°25	27°54	25°15	1°18	0°44	0°41	2°13	29°29	0°38	11°27	28°58	S 17
M 18	22 19 33	3°12'38	19°33	21°46	21°39	28°32	25°19	1°14	0°48	0°42	2°15	29°30	0°35	11°34	28°57	M 18
T 19	22 23 30	4°10'48	2 ⁰ 14	23°39	22°53	29°10	25°22	1°10	0°51	0°44	2°17	29°R31	0°31	11°40	28°57	T 19
W 20	22 27 27	5° 8'59	15°18	25°33	24° 7	29°48	25°26	1° 6	0°55	0°45	2°19	29°31	0°28	11°47	28°56	W 20
T 21	22 31 23	6° 7'12	28°48	27°28	25°21	0 ⁰ 26	25°29	1° 2	0°58	0°47	2°21	29°29	0°25	11°54	28°56	T 21
F 22	22 35 20	7° 5'26	12 ⁰ 34	29°24	26°35	1° 5	25°32	0°58	1° 2	0°48	2°23	29°27	0°22	12° 0	28°55	F 22
S 23	22 39 16	8° 3'42	27°10	1 ⁰ 19	27°49	1°43	25°35	0°54	1° 5	0°50	2°25	29°24	0°19	12° 7	28°55	S 23
S 24	22 43 13	9° 1'59	11 ⁰ 59	3°15	29° 3	2°21	25°37	0°50	1° 9	0°51	2°27	29°21	0°16	12°14	28°55	S 24
M 25	22 47 9	10° 0'19	27° 4	5°10	0 ⁰ 17	2°59	25°40	0°46	1°13	0°53	2°29	29°19	0°12	12°20	28°55	M 25
T 26	22 51 6	10°58'39	12 ⁰ 18	7° 5	1°31	3°38	25°42	0°41	1°16	0°54	2°31	29°18	0° 9	12°27	28°D55	T 26
W 27	22 55 2	11°57'02	27°30	8°59	2°45	4°16	25°44	0°37	1°20	0°56	2°33	29°D17	0° 6	12°34	28°55	W 27
T 28	22 58 59	12°55'26	12 ⁰ 31	10°53	3°59	4°54	25°46	0°33	1°23	0°57	2°35	29°17	0° 3	12°40	28°55	T 28
F 29	23 2 56	13°53'53	27°13	12°45	5°13	5°33	25°48	0°29	1°27	0°59	2°37	29°18	29 ⁰ 59	12°47	28°55	F 29
S 30	23 6 52	14°52'22	11 ⁰ 31	14°37	6°27	6°11	25°49	0°24	1°31	1° 1	2°39	29°19	29°56	12°53	28°55	S 30
S 31	23 10 49	15 ⁰ 50'53	25 ⁰ 23	16 ⁰ 28	7 ⁰ 40	6 ⁰ 49	25 ⁰ 50	0°Y20	1 ⁰ 34	1 ⁰ 2	2 ⁰ 41	29 ⁰ 20	29 ⁰ 53	13 ⁰ 0	28 ⁰ 56	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	15n51	8n39	1n37	18n25	1s58	12n37	1n27	16n40	1n 9	17n46	1s 3	1s28	2s32	0n41	0n42	9s57
S 2	15 33	14 53	2 46	18 35	1 41	12 10	1 27	16 28	1 9	17 48	1 3	1 30	2 33	0 40	0 42	9 58
S 3	15 16	20 14	3 43	18 44	1 24	11 43	1 27	16 16	1 9	17 49	1 4	1 31	2 33	0 39	0 42	9 58
M 4	14 57	24 24	4 27	18 50	1 7	11 16	1 26	16 4	1 9	17 51	1 4	1 32	2 33	0 37	0 41	9 58
T 5	14 39	27 14	4 56	18 55	0 50	10 48	1 26	15 52	1 9	17 52	1 4	1 33	2 33	0 36	0 41	9 59
W 6	14 21	28 34	5 9	18 57	0 34	10 20	1 25	15 40	1 9	17 53	1 4	1 35	2 33	0 35	0 41	9 59
T 7	14 2	28 25	5 8	18 56	0 19	9 52	1 25	15 27	1 9	17 54	1 4	1 36	2 34	0 33	0 41	10 0
F 8	13 43	26 51	4 52	18 53	0 4	9 24	1 24	15 15	1 9	17 56	1 4	1 38	2 34	0 32	0 41	10 0
S 9	13 24	24 2	4 23	18 47	0n 9	8 55	1 23	15 2	1 9	17 57	1 4	1 39	2 34	0 31	0 41	10 0
S 10	13 4	20 13	3 43	18 38	0 23	8 26	1 23	14 50	1 9	17 58	1 4	1 41	2 34	0 30	0 41	10 1
M 11	12 44	15 38	2 53	18 27	0 35	7 57	1 22	14 37	1 9	17 59	1 5	1 42	2 34	0 28	0 41	10 1
T 12	12 25	10 29	1 56	18 12	0 46	7 27	1 21	14 24	1 9	18 0	1 5	1 44	2 35	0 27	0 41	10 2
W 13	12 5	4 59	0 54	17 55	0 56	6 58	1 20	14 11	1 9	18 1	1 5	1 45	2 35	0 25	0 41	10 2
T 14	11 44	0s41	0s10	17 34	1 6	6 28	1 19	13 58	1 9	18 2	1 5	1 47	2 35	0 24	0 41	10 3
F 15	11 24	6 21	1 15	17 11	1 14	5 58	1 18	13 45	1 8	18 3	1 5	1 48	2 35	0 23	0 41	10 3
S 16	11 3	11 51	2 16	16 45	1 22	5 28	1 17	13 32	1 8	18 4	1 5	1 50	2 35	0 21	0 41	10 4
S 17	10 42	17 0	3 13	16 17	1 28	4 58	1 15	13 19	1 8	18 5	1 5	1 52	2 36	0 20	0 41	10 4
M 18	10 21	21 33	4 2	15 46	1 34	4 27	1 14	13 5	1 8	18 5	1 5	1 53	2 36	0 19	0 41	10 5
T 19	10 0	25 15	4 40	15 13	1 38	3 57	1 13	12 52	1 8	18 6	1 6	1 55	2 36	0 17	0 41	10 5
W 20	9 39	27 45	5 6	14 38	1 42	3 26	1 11	12 38	1 8	18 7	1 6	1 57	2 36	0 16	0 41	10 6
T 21	9 18	28 45	5 15	14 1	1 44	2 55	1 10	12 25	1 8	18 7	1 6	1 58	2 36	0 14	0 41	10 7
F 22	8 56	27 59	5 7	13 23	1 46	2 24	1 8	12 11	1 8	18 8	1 6	2 0	2 36	0 13	0 41	10 7
S 23	8 34	25 21	4 39	12 43	1 48	1 53	1 7	11 57	1 8	18 9	1 6	2 2	2 37	0 12	0 41	10 8
S 24	8 12	20 58	3 52	12 1	1 48	1 22	1 5	11 43	1 8	18 9	1 6	2 4	2 37	0 10	0 41	10 8
M 25	7 50	15 10	2 49	11 19	1 48	0 51	1 3	11 29	1 8	18 10	1 6	2 6	2 37	0 9	0 41	10 9
T 26	7 28	8 23	1 33	10 35	1 47	0 20	1 1	11 15	1 8	18 10	1 6	2 7	2 37	0 7	0 41	10 9
W 27	7 6	1 9	0 10	9 51	1 45	0s11	1 0	11 1	1 8	18 10	1 7	2 9	2 37	0 6	0 41	10 10
T 28	6 44	6n 4	1n13	9 6	1 43	0 42	0 58	10 47	1 7	18 11	1 7	2 11	2 37	0 4	0 41	10 11
F 29	6 21	12 49	2 29	8 20	1 40	1 13	0 56	10 33	1 7	18 11	1 7	2 13	2 37	0 3	0 41	10 11
S 30	5 59	18 42	3 33	7 34	1 37	1 45	0 54	10 19	1 7	18 11	1 7	2 15	2 37	0 1	0 41	10 12
S 31	5n36	23n25	4n23	6n47	1n34	2s16	0n52	10n 4	1n 7	18n11	1s 7	2s17	2s38	0s 0	0n41	10s12

Julian Day Number = 2256726.5, Delta T = 05m59s

Ecliptic obliquity = 23°30'40, Nutation = 0°00'01, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°17'54, Lahiri = 16°24'54 Julian Calendar 1 Aug. 1466 == Greg. Calendar 10 Aug. 1466

ASTRODIENST EPHEMERIS for the year 1466

geocentric

SEPTEMBER 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	23 14 45	16 ¹⁷ 49'27	8 ¹¹ 49	18 ¹⁷ 19	8 ¹¹ 54	7 ¹⁷ 27	25 ¹⁸ 51	0°R15	1 ¹¹ 38	1 ¹¹ 4	2 ¹⁷ 43	29 ¹⁸ 21	29 ¹⁸ 50	13 ¹⁷ 7	28 ¹⁸ 56	M 1
T 2	23 18 42	17°48'02	21°51	20° 8	10° 8	8° 6	25°52	0°Y11	1°42	1° 6	2°45	29°R21	29°47	13°13	28°57	T 2
W 3	23 22 38	18°46'40	4 ¹² 32	21°56	11°22	8°44	25°53	0° 6	1°45	1° 8	2°47	29°21	29°44	13°20	28°57	W 3
T 4	23 26 35	19°45'20	16°55	23°43	12°36	9°22	25°53	0° 2	1°49	1° 9	2°49	29°20	29°41	13°27	28°58	T 4
F 5	23 30 31	20°44'03	29° 5	25°29	13°50	10° 1	25°54	29 ¹⁸ 57	1°53	1°11	2°51	29°19	29°37	13°33	28°59	F 5
S 6	23 34 28	21°42'47	11 ¹² 5	27°14	15° 4	10°39	25°R54	29°52	1°57	1°13	2°53	29°17	29°34	13°40	29° 0	S 6
S 7	23 38 25	22°41'34	22°57	28°59	16°18	11°17	25°53	29°48	2° 0	1°15	2°55	29°16	29°31	13°47	29° 1	S 7
M 8	23 42 21	23°40'22	4 ¹² 46	0 ¹² 42	17°31	11°56	25°53	29°43	2° 4	1°17	2°57	29°16	29°28	13°53	29° 2	M 8
T 9	23 46 18	24°39'13	16°34	2°24	18°45	12°34	25°53	29°38	2° 8	1°19	2°59	29°15	29°25	14° 0	29° 3	T 9
W10	23 50 14	25°38'06	28°22	4° 5	19°59	13°13	25°52	29°34	2°12	1°20	3° 1	29°D15	29°21	14° 7	29° 4	W10
T 11	23 54 11	26°37'01	10 ¹² 13	5°46	21°13	13°51	25°51	29°29	2°15	1°22	3° 3	29°15	29°18	14°13	29° 5	T 11
F 12	23 58 7	27°35'58	22°10	7°25	22°27	14°29	25°50	29°24	2°19	1°24	3° 5	29°15	29°15	14°20	29° 7	F 12
S 13	0 2 4	28°34'57	4 ¹² 15	9° 4	23°41	15° 8	25°48	29°20	2°23	1°26	3° 7	29°16	29°12	14°27	29° 8	S 13
S 14	0 6 0	29°33'57	16°29	10°42	24°54	15°46	25°47	29°15	2°27	1°28	3° 9	29°R16	29° 9	14°33	29°10	S 14
M15	0 9 57	0 ¹² 33'00	28°57	12°19	26° 8	16°25	25°45	29°10	2°30	1°30	3°11	29°15	29° 6	14°40	29°11	M15
T 16	0 13 54	1°32'05	11 ¹² 40	13°55	27°22	17° 3	25°43	29° 6	2°34	1°32	3°13	29°15	29° 2	14°47	29°13	T 16
W17	0 17 50	2°31'11	24°43	15°30	28°36	17°42	25°41	29° 1	2°38	1°34	3°15	29°15	28°59	14°53	29°15	W17
T 18	0 21 47	3°30'19	8 ¹² 6	17° 4	29°49	18°20	25°39	28°56	2°42	1°36	3°16	29°D15	28°56	15° 0	29°17	T 18
F 19	0 25 43	4°29'29	21°53	18°38	1 ¹² 3	18°59	25°36	28°51	2°46	1°38	3°18	29°15	28°53	15° 6	29°19	F 19
S 20	0 29 40	5°28'41	6 ¹² 3	20°11	2°17	19°37	25°33	28°47	2°49	1°40	3°20	29°16	28°50	15°13	29°21	S 20
S 21	0 33 36	6°27'55	20°36	21°43	3°31	20°16	25°30	28°42	2°53	1°42	3°22	29°16	28°47	15°20	29°23	S 21
M22	0 37 33	7°27'10	5 ¹² 26	23°14	4°44	20°54	25°27	28°38	2°57	1°44	3°24	29°17	28°43	15°26	29°25	M22
T 23	0 41 29	8°26'27	20°29	24°44	5°58	21°33	25°24	28°33	3° 1	1°47	3°26	29°17	28°40	15°33	29°27	T 23
W24	0 45 26	9°25'46	5 ¹² 36	26°14	7°12	22°11	25°20	28°28	3° 4	1°49	3°27	29°R17	28°37	15°40	29°29	W24
T 25	0 49 23	10°25'07	20°38	27°43	8°25	22°50	25°17	28°24	3° 8	1°51	3°29	29°17	28°34	15°46	29°32	T 25
F 26	0 53 19	11°24'30	5 ¹² 26	29°11	9°39	23°28	25°13	28°19	3°12	1°53	3°31	29°16	28°31	15°53	29°34	F 26
S 27	0 57 16	12°23'56	19°53	0 ¹² 38	10°53	24° 7	25° 9	28°15	3°16	1°55	3°32	29°14	28°27	16° 0	29°37	S 27
S 28	1 1 12	13°23'24	3 ¹² 55	2° 5	12° 6	24°45	25° 4	28°10	3°19	1°57	3°34	29°13	28°24	16° 6	29°40	S 28
M29	1 5 9	14°22'54	17°30	3°30	13°20	25°24	25° 0	28° 6	3°23	1°59	3°36	29°11	28°21	16°13	29°42	M29
T 30	1 9 5	15°22'26	0 ¹² 38	4 ¹² 55	14 ¹² 33	26°17	24°55	28°18	3°27	2 ¹² 1	3°37	29°10	28°18	16°20	29°45	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	5n13	26n43	4n57	6n 1	1n30	2s47	0n50	9n50	1n 7	18n11	1s 7	2s19	2s38	0s 2	0n41	10s13
T 2	4 50	28 29	5 14	5 14	1 25	3 18	0 48	9 36	1 7	18 11	1 7	2 20	2 38	0 3	0 41	10 14
W 3	4 27	28 42	5 16	4 27	1 21	3 49	0 45	9 21	1 7	18 12	1 7	2 22	2 38	0 5	0 41	10 14
T 4	4 4	27 26	5 2	3 40	1 16	4 20	0 43	9 7	1 7	18 12	1 8	2 24	2 38	0 6	0 41	10 15
F 5	3 41	24 53	4 35	2 52	1 10	4 51	0 41	8 52	1 7	18 11	1 8	2 26	2 38	0 8	0 41	10 16
S 6	3 18	21 17	3 57	2 5	1 5	5 21	0 39	8 37	1 7	18 11	1 8	2 28	2 38	0 9	0 41	10 16
S 7	2 55	16 52	3 8	1 19	0 59	5 52	0 36	8 22	1 6	18 11	1 8	2 30	2 38	0 11	0 41	10 17
M 8	2 31	11 50	2 12	0 32	0 53	6 23	0 34	8 8	1 6	18 11	1 8	2 32	2 38	0 12	0 41	10 18
T 9	2 8	6 24	1 10	0s15	0 47	6 53	0 31	7 53	1 6	18 11	1 8	2 34	2 38	0 14	0 41	10 18
W10	1 44	0 44	0 5	1 1	0 40	7 23	0 29	7 38	1 6	18 10	1 8	2 36	2 38	0 15	0 41	10 19
T 11	1 21	4s59	1s 1	1 47	0 34	7 54	0 26	7 23	1 6	18 10	1 8	2 38	2 38	0 17	0 41	10 20
F 12	0 57	10 34	2 4	2 32	0 27	8 24	0 24	7 8	1 6	18 10	1 9	2 40	2 38	0 18	0 41	10 20
S 13	0 34	15 50	3 3	3 17	0 21	8 53	0 21	6 53	1 6	18 9	1 9	2 41	2 39	0 20	0 41	10 21
S 14	0 10	20 33	3 54	4 2	0 14	9 23	0 19	6 38	1 5	18 9	1 9	2 43	2 39	0 21	0 41	10 22
M15	0s13	24 27	4 34	4 47	0 7	9 52	0 16	6 23	1 5	18 8	1 9	2 45	2 39	0 23	0 41	10 23
T 16	0 37	27 15	5 3	5 30	0s 0	10 22	0 13	6 8	1 5	18 8	1 9	2 47	2 39	0 24	0 41	10 23
W17	1 0	28 41	5 17	6 14	0 7	10 51	0 10	5 52	1 5	18 7	1 9	2 49	2 39	0 26	0 41	10 24
T 18	1 24	28 29	5 14	6 57	0 14	11 19	0 8	5 37	1 5	18 6	1 9	2 51	2 39	0 27	0 41	10 25
F 19	1 47	26 33	4 53	7 39	0 21	11 48	0 5	5 22	1 5	18 6	1 9	2 53	2 39	0 29	0 41	10 25
S 20	2 11	22 55	4 15	8 21	0 29	12 16	0 2	5 7	1 5	18 5	1 9	2 55	2 39	0 30	0 41	10 26
S 21	2 34	17 49	3 19	9 2	0 36	12 44	0s 1	4 51	1 4	18 4	1 9	2 56	2 39	0 32	0 41	10 27
M22	2 58	11 32	2 9	9 43	0 43	13 12	0 3	4 36	1 4	18 3	1 10	2 58	2 39	0 33	0 41	10 28
T 23	3 21	4 32	0 49	10 23	0 50	13 39	0 6	4 21	1 4	18 3	1 10	3 0	2 39	0 35	0 41	10 28
W24	3 45	2n46	0n35	11 2	0 57	14 6	0 9	4 5	1 4	18 2	1 10	3 2	2 39	0 36	0 41	10 29
T 25	4 8	9 52	1 56	11 41	1 4	14 33	0 12	3 50	1 4	18 1	1 10	3 4	2 38	0 38	0 41	10 30
F 26	4 32	16 19	3 7	12 19	1 11	14 59	0 15	3 34	1 4	18 0	1 10	3 5	2 38	0 39	0 41	10 31
S 27	4 55	21 42	4 5	12 56	1 18	15 25	0 18	3 19	1 3	17 59	1 10	3 7	2 38	0 41	0 41	10 31
S 28	5 18	25 41	4 46	13 33	1 24	15 50	0 21	3 3	1 3	17 58	1 10	3 9	2 38	0 42	0 41	10 32
M29	5 41	28 4	5 10	14 9	1 31	16 16	0 24	2 48	1 3	17 56	1 10	3 11	2 38	0 44	0 41	10 33
T 30	6s 4	28n47	5n16	14s44	1s37	16s40	0s26	2n32	1n 3	17n55	1s10	3s12	2s38	0s45	0n41	10s34

Julian Day Number = 2256757.5, Delta T = 05m59s

Ecliptic obliquity = 23°30'40, Nutation = 0°00'00, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°17'58, Lahiri = 16°24'58 Julian Calendar 1 Sept. 1466 == Greg. Calendar 10 Sept. 1466

ASTRODIENST EPHEMERIS for the year 1466

geocentric

OCTOBER 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	1 13 2	16 ²² 01	13 ²² 22	6 ¹¹ 19	15 ¹¹ 47	26 ¹¹ 41	24 ¹⁰ 50	27 ¹⁰ 57	3 ²¹ 31	2 ¹¹ 4	3 ¹¹ 39	29 ¹⁰ D 9	28 ¹⁰ 15	16 ¹¹ 26	29 ¹⁰ 48	W 1
T 2	1 16 58	17 ²¹ 38	25 ²⁰ 45	7 ¹⁰ 43	17 ¹⁰ 0	27 ²⁰ 20	24 ¹⁰ 46	27 ¹⁰ 53	3 ²⁰ 34	2 ¹⁰ 6	3 ¹⁰ 41	29 ¹⁰ 9	28 ¹⁰ 12	16 ¹¹ 33	29 ¹⁰ 51	T 2
F 3	1 20 55	18 ²¹ 18	7 ¹⁰ 52	9 ¹⁰ 5	18 ¹⁰ 14	27 ²⁰ 58	24 ¹⁰ 40	27 ¹⁰ 49	3 ¹⁹ 38	2 ¹⁰ 8	3 ¹⁰ 42	29 ¹⁰ 10	28 ¹⁰ 8	16 ¹¹ 40	29 ¹⁰ 54	F 3
S 4	1 24 52	19 ²⁰ 59	19 ²⁰ 48	10 ²⁰ 26	19 ²⁰ 28	28 ²⁰ 37	24 ¹⁰ 35	27 ¹⁰ 44	3 ¹⁸ 42	2 ¹⁰ 10	3 ¹⁰ 44	29 ¹⁰ 12	28 ¹⁰ 5	16 ¹¹ 46	29 ¹⁰ 57	S 4
S 5	1 28 48	20 ²⁰ 43	1 ¹¹ 38	11 ²⁰ 46	20 ²⁰ 41	29 ²⁰ 16	24 ¹⁰ 30	27 ¹⁰ 40	3 ¹⁷ 45	2 ¹⁰ 12	3 ¹⁰ 45	29 ¹⁰ 13	28 ¹⁰ 2	16 ¹¹ 53	0 ¹¹ 0	S 5
M 6	1 32 45	21 ²⁰ 29	13 ²⁰ 25	13 ²⁰ 5	21 ²⁰ 55	29 ²⁰ 54	24 ¹⁰ 24	27 ¹⁰ 36	3 ¹⁶ 49	2 ¹⁰ 15	3 ¹⁰ 47	29 ¹⁰ 15	27 ¹⁰ 59	16 ¹¹ 59	0 ¹¹ 3	M 6
T 7	1 36 41	22 ²⁰ 17	25 ²⁰ 13	14 ²⁰ 23	23 ²⁰ 8	0 ¹¹ 33	24 ¹⁰ 18	27 ¹⁰ 32	3 ¹⁵ 53	2 ¹⁰ 17	3 ¹⁰ 49	29 ¹⁰ R16	27 ¹⁰ 56	17 ¹¹ 6	0 ¹¹ 7	T 7
W 8	1 40 38	23 ²⁰ 08	7 ¹¹ 5	15 ²⁰ 40	24 ²⁰ 22	1 ¹¹ 12	24 ¹⁰ 12	27 ¹⁰ 28	3 ¹⁴ 56	2 ¹⁰ 19	3 ¹⁰ 50	29 ¹⁰ 15	27 ¹⁰ 53	17 ¹¹ 13	0 ¹¹ 10	W 8
T 9	1 44 34	24 ²⁰ 00	19 ²⁰ 5	16 ²⁰ 55	25 ²⁰ 35	1 ¹¹ 50	24 ¹⁰ 6	27 ¹⁰ 24	4 ¹⁰ 0	2 ¹⁰ 21	3 ¹⁰ 51	29 ¹⁰ 14	27 ¹⁰ 49	17 ¹¹ 19	0 ¹¹ 13	T 9
F 10	1 48 31	25 ²⁰ 19	1 ¹¹ 13	18 ²⁰ 9	26 ²⁰ 48	2 ¹¹ 29	24 ¹⁰ 0	27 ¹⁰ 20	4 ¹⁰ 4	2 ¹⁰ 24	3 ¹⁰ 53	29 ¹⁰ 11	27 ¹⁰ 46	17 ¹¹ 26	0 ¹¹ 17	F 10
S 11	1 52 27	26 ²⁰ 19	13 ²⁰ 31	19 ²⁰ 21	28 ²⁰ 2	3 ¹¹ 8	23 ²⁰ 54	27 ¹⁰ 16	4 ¹⁰ 7	2 ¹⁰ 26	3 ¹⁰ 54	29 ¹⁰ 7	27 ¹⁰ 43	17 ¹¹ 33	0 ¹¹ 20	S 11
S 12	1 56 24	27 ²⁰ 19	26 ²⁰ 2	20 ²⁰ 31	29 ²⁰ 15	3 ¹¹ 47	23 ²⁰ 47	27 ¹⁰ 13	4 ¹⁰ 11	2 ¹⁰ 28	3 ¹⁰ 56	29 ¹⁰ 2	27 ¹⁰ 40	17 ¹¹ 39	0 ¹¹ 24	S 12
M13	2 0 20	28 ²⁰ 19	8 ¹¹ 44	21 ²⁰ 39	0 ¹¹ 29	4 ¹¹ 25	23 ²⁰ 40	27 ¹⁰ 9	4 ¹⁰ 14	2 ¹⁰ 30	3 ¹⁰ 57	28 ²⁰ 57	27 ¹⁰ 37	17 ¹¹ 46	0 ¹¹ 28	M13
T14	2 4 17	29 ²⁰ 19	21 ²⁰ 40	22 ²⁰ 45	1 ¹¹ 42	5 ¹¹ 4	23 ²⁰ 34	27 ¹⁰ 5	4 ¹⁰ 18	2 ¹⁰ 33	3 ¹⁰ 58	28 ²⁰ 53	27 ¹⁰ 33	17 ¹¹ 53	0 ¹¹ 31	T14
W15	2 8 14	0 ¹¹ 19	4 ¹¹ 50	23 ²⁰ 49	2 ¹¹ 55	5 ¹¹ 43	23 ²⁰ 27	27 ¹⁰ 2	4 ¹⁰ 21	2 ¹⁰ 35	4 ¹⁰ 0	28 ²⁰ 49	27 ¹⁰ 30	17 ¹¹ 59	0 ¹¹ 35	W15
T16	2 12 10	1 ¹² 00	18 ²⁰ 14	24 ²⁰ 50	4 ¹¹ 9	6 ¹¹ 22	23 ²⁰ 20	26 ²⁰ 58	4 ¹⁰ 25	2 ¹⁰ 37	4 ¹⁰ 1	28 ²⁰ 47	27 ¹⁰ 27	18 ¹¹ 6	0 ¹¹ 39	T16
F17	2 16 7	2 ¹² 00	1 ¹² 55	25 ²⁰ 48	5 ¹¹ 22	7 ¹¹ 1	23 ²⁰ 13	26 ²⁰ 55	4 ¹⁰ 28	2 ¹⁰ 39	4 ¹⁰ 2	28 ²⁰ D46	27 ¹⁰ 24	18 ¹¹ 13	0 ¹¹ 43	F17
S18	2 20 3	3 ¹² 00	15 ²⁰ 53	26 ²⁰ 42	6 ¹¹ 35	7 ¹¹ 39	23 ²⁰ 5	26 ²⁰ 52	4 ¹⁰ 32	2 ¹⁰ 42	4 ¹⁰ 4	28 ²⁰ 47	27 ¹⁰ 21	18 ¹¹ 19	0 ¹¹ 47	S18
S19	2 24 0	4 ¹² 00	25 ²⁰ 25	0 ¹¹ 6	7 ¹¹ 49	8 ¹¹ 18	22 ²⁰ 58	26 ²⁰ 49	4 ¹⁰ 35	2 ¹⁰ 44	4 ¹⁰ 5	28 ²⁰ 48	27 ¹⁰ 18	18 ¹¹ 26	0 ¹¹ 51	S19
M20	2 27 56	5 ¹² 00	14 ²⁰ 35	28 ²⁰ 19	9 ¹¹ 2	8 ¹¹ 57	22 ²⁰ 51	26 ²⁰ 45	4 ¹⁰ 39	2 ¹⁰ 46	4 ¹⁰ 6	28 ²⁰ 49	27 ¹⁰ 14	18 ¹¹ 33	0 ¹¹ 55	M20
T21	2 31 53	6 ¹² 00	29 ²⁰ 14	29 ²⁰ 0	10 ¹¹ 15	9 ¹¹ 36	22 ²⁰ 43	26 ²⁰ 42	4 ¹⁰ 42	2 ¹⁰ 48	4 ¹⁰ 7	28 ²⁰ R50	27 ¹⁰ 11	18 ¹¹ 39	0 ¹¹ 59	T21
W22	2 35 49	7 ¹² 00	14 ²⁰ 40	29 ²⁰ 37	11 ¹¹ 28	10 ¹¹ 15	22 ²⁰ 35	26 ²⁰ 39	4 ¹⁰ 45	2 ¹⁰ 50	4 ¹⁰ 8	28 ²⁰ 49	27 ¹⁰ 8	18 ¹¹ 46	1 ¹² 0	W22
T23	2 39 46	8 ¹² 00	28 ²⁰ 46	0 ¹¹ 7	12 ¹¹ 41	10 ¹¹ 54	22 ²⁰ 28	26 ²⁰ 36	4 ¹⁰ 49	2 ¹⁰ 53	4 ¹⁰ 9	28 ²⁰ 46	27 ¹⁰ 5	18 ¹¹ 52	1 ¹² 0	T23
F24	2 43 43	9 ¹² 00	13 ²⁰ 58	0 ¹¹ 31	13 ¹¹ 54	11 ¹¹ 33	22 ²⁰ 20	26 ²⁰ 34	4 ¹⁰ 52	2 ¹⁰ 55	4 ¹⁰ 11	28 ²⁰ 42	27 ¹⁰ 2	18 ¹¹ 59	1 ¹² 1	F24
S25	2 47 39	10 ¹² 00	27 ²⁰ 49	0 ¹¹ 47	15 ¹¹ 8	12 ¹¹ 12	22 ²⁰ 12	26 ²⁰ 31	4 ¹⁰ 55	2 ¹⁰ 57	4 ¹⁰ 12	28 ²⁰ 35	26 ²⁰ 58	19 ¹¹ 6	1 ¹² 1	S25
S26	2 51 36	11 ¹² 00	11 ¹¹ 52	0 ¹¹ 56	16 ¹¹ 21	12 ¹¹ 51	22 ²⁰ 4	26 ²⁰ 28	4 ¹⁰ 58	2 ¹⁰ 59	4 ¹⁰ 13	28 ²⁰ 28	26 ²⁰ 55	19 ¹¹ 12	1 ¹² 1	S26
M27	2 55 32	12 ¹² 00	25 ²⁰ 31	0 ¹¹ 56	17 ¹¹ 34	13 ¹¹ 29	21 ²⁰ 56	26 ²⁰ 26	5 ¹¹ 2	3 ¹¹ 2	4 ¹⁰ 14	28 ²⁰ 21	26 ²⁰ 52	19 ¹¹ 19	1 ¹² 2	M27
T28	2 59 29	13 ¹² 00	8 ¹¹ 54	0 ¹¹ 47	18 ¹¹ 47	14 ¹¹ 8	21 ²⁰ 48	26 ²⁰ 23	5 ¹¹ 5	3 ¹¹ 4	4 ¹⁰ 15	28 ²⁰ 15	26 ²⁰ 49	19 ¹¹ 26	1 ¹² 3	T28
W29	3 3 25	14 ¹² 00	21 ²⁰ 32	0 ¹¹ 28	20 ¹¹ 0	14 ¹¹ 47	21 ²⁰ 40	26 ²⁰ 21	5 ¹¹ 8	3 ¹¹ 6	4 ¹⁰ 16	28 ²⁰ 10	26 ²⁰ 46	19 ¹¹ 32	1 ¹² 3	W29
T30	3 7 22	15 ¹² 00	3 ¹¹ 58	29 ¹¹ 58	21 ¹¹ 13	15 ¹¹ 26	21 ²⁰ 32	26 ²⁰ 19	5 ¹¹ 11	3 ¹¹ 8	4 ¹⁰ 16	28 ²⁰ 7	26 ²⁰ 43	19 ¹¹ 39	1 ¹² 3	T30
F31	3 11 19	16 ¹² 00	16 ¹¹ 7	29 ¹¹ 19	22 ¹¹ 26	16 ¹¹ 5	21 ²⁰ 24	26 ²⁰ 16	5 ¹¹ 14	3 ¹¹ 11	4 ¹⁰ 17	28 ²⁰ D 7	26 ²⁰ 39	19 ¹¹ 46	1 ¹² 4	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	6s27	27n56	5n 7	15s18	1s44	17s 5	0s29	2n17	1n 3	17n54	1s10	3s14	2s38	0s47	0n41	10s34	1n46	22n11	12n55	0s20	0s42	6n20	17s11	6n20							
T 2	6 50	25 42	4 43	15 51	1 50	17 29	0 32	2 1	1 2	17 53	1 10	3 16	2 38	0 48	0 41	10 35	1 46	22 10	12 55	0 20	0 43	6 17	17 11	6 19							
F 3	7 13	22 20	4 7	16 24	1 56	17 52	0 35	1 46	1 2	17 51	1 10	3 17	2 38	0 50	0 41	10 36	1 46	22 10	12 56	0 20	0 45	6 14	17 12	6 19							
S 4	7 36	18 6	3 21	16 55	2 2	18 15	0 38	1 30	1 2	17 50	1 10	3 19	2 38	0 51	0 41	10 37	1 46	22 10	12 56	0 19	0 46	6 10	17 12	6 18							
S 5	7 58	13 13	2 27	17 26	2 8	18 38	0 41	1 14	1 2	17 49	1 10	3 20	2 38	0 52	0 41	10 37	1 46	22 10	12 56	0 19	0 47	6 7	17 13	6 18							
M 6	8 21	7 52	1 26	17 56	2 13	19 0	0 44	0 59	1 2	17 47	1 10	3 22	2 38	0 54	0 41	10 38	1 46	22 9	12 57	0 18	0 48	6 3	17 13	6 18							
T 7	8 43	2 15	0 22	18 24	2 18	19 22	0 47	0 43	1 1	17 46	1 10	3 24	2 38	0 55	0 41	10 39	1 46	22 9	12 57	0 18	0 50	6 0	17 14	6 17							
W 8	9 6	3s29	0s43	18 52	2 23	19 43	0 50	0 27	1 1	17 44	1 11	3 25	2 38	0 57	0 41	10 40	1 46	22 9	12 57	0 18	0 51	5 57	17 14	6 17							
T 9	9 28	9 8	1 47	19 18	2 28	20 4	0 52	0 12	1 1	17 43	1 11	3 27	2 37	0 58	0 41	10 41	1 46	22 9	12 58	0 18	0 52	5 53	17 14	6 16							
F 10	9 50	14 32	2 47	19 43	2 32	20 24	0 55	0s 4	1 1	17 41	1 11	3 28	2 37	1 0	0 41	10 41	1 46	22 8	12 58	0 19	0 53	5 50	17 15	6 16							
S 11	10 12	19 26	3 40	20 7	2 36	20 43	0 58	0 19	1 0	17 40	1 11	3 29	2 37	1 1	0 41	10 42	1 46	22 8	12 58	0 21	0 55	5 46	17 15	6 16							
S 12	10 33	23 34	4 23	20 30	2 40	21 2	1 1	0 35	1 0	17 38	1 11	3 31	2 37	1 2	0 41	10 43	1 46	22 8	12 59	0 23	0 56	5 43	17 16	6 15							
M13	10 55	26 39	4 54	20 52	2 43	21 21	1 4	0 51	1 0	17 36	1 11	3 32	2 37	1 4	0 41	10 44	1 46	22 8	12 59	0 25	0 57	5 40	17 16	6 15							
T14	11 16	28 24	5 10	21 11	2 46	21 39	1 6	1 6	1 0	17 35	1 11	3 33	2 37	1 5	0 41	10 44	1 46	22 8	13 0	0 27	0 58	5 36	17 16	6 14							
W15	11 37	28 36	5 11	21 30	2 48	21 56	1 9	1 22	1 0	17 33	1 11	3 35	2 37	1 7	0 41	10 45	1 46	22 8	13 0	0 28	1 0	5 33	17 17	6 14							
T16	11 58	27 8	4 55	21 47	2 50	22 13	1 12	1 38	0 59	17 31	1 11	3 36	2 37	1 8	0 41	10 46	1 46	22 8	13 0	0 29	1 1	5 29	17 17	6 14							
F17	12 19	24 3	4 22	22 2	2 51	22 29	1 14	1 53	0 59	17 30	1 11	3 37	2 36	1 9	0 41	10 47	1 46	22 7	13 1	0 29	1 2	5 26	17 17	6 13							
S18	12 40	19 31	3 33	22 15	2 52	22 44	1 17	2 9	0 59	17 28	1 11	3 38	2 36	1 11	0 41	10 47	1 46	22 7	13 1	0 29	1 4	5 23	17 18	6 13							
S 19	13 0	13 49	2 30	22 27	2 51	22 59	1 20	2 24	0 59	17 26	1 11	3 40	2 36	1 12	0 41	10 48	1 46	22 7	13 2	0 29	1 5	5 19	17 18	6 12							
M20	13 21	7 16	1 17	22 37	2 50	23 13	1 22	2 40	0 58	17 24	1 11	3 41	2 36	1 13	0 41	10 49	1 46	22 7	13 2	0 28	1 6	5 16	17 18	6 12							
T21	13 41	0 16	0n 2	22 44	2 48	23 27	1 25	2 56	0 58	17 22	1 10	3 42	2 36	1 15	0 41	10 50	1 46	22 7	13 2	0 28	1 7	5 12	17 19	6 12							
W22	14 0	6n48	1 22	22 49	2 46	23 40	1 27	3 11	0 58	17 20	1 10	3 43	2 36	1 16	0 41	10 51	1 46	22 7	13 3	0 28	1 9	5 9	17 19	6 11							
T23	14 20	13 29	2 36	22 52	2 42	23 52	1 30	3 27	0 58	17 18	1 10	3 44	2 35	1 17	0 41	10 51	1 46	22 7	13 3	0 29	1 10	5 6	17 19	6 11							
F24	14 39	19 23	3 38	22 52	2 36	24 4	1 32	3 42	0 57	17 16	1 10	3 45	2 35	1 19	0 41	10 52	1 46	22 7	13 4	0 31	1 11	5 2	17 20	6 11							
S25	14 58	24 3	4 26	22 49	2 30	24 14	1 34	3 58	0 57	17 15	1 10	3 46	2 35	1 20	0 41	10 53	1 46	22 7	13 4	0 34	1 12	4 59	17 20	6 10							
S 26	15 17	27 10	4 56	22 44	2 22	24 25	1 37	4 13	0 57	17 13	1 10	3 47	2 35	1 21	0 41	10 54	1 46	22 7	13 4	0 37	1 14	4 55	17 20	6 10							
M27	15 36	28 35	5 9	22 35	2 13	24 34	1 39	4 28	0 56	17 11	1 10	3 47	2 35	1 22	0 41	10 54	1 46	22 7	13 5	0 39	1 15	4 52	17 20	6 10							
T28	15 54	28 17	5 4	22 22	2 3	24 43	1 41	4 44	0 56	17 9	1 10	3 48	2 35	1 24	0 41	10 55	1 46	22 7	13 5	0 42	1 16	4 48	17 21	6 10							
W29	16 12	26 27	4 44	22 6	1 56	24 51	1 43	4 59	0 56	17 7	1 10	3 49	2 34	1 25	0 41	10 56	1 46	22 7	13 6	0 44	1 17	4 45	17 21	6 9							
T30	16 30	23 23	4 11	21 46	1 30	24 58	1 45	5 15	0 56	17 5	1 10	3 50	2 34	1 26	0 41	10 57	1 46	22 7	13 6	0 45	1 19	4 42	17 21	6 9							
F31	16s48	19n21	3n27	21s23	1s21	25s 5	1s47	5s30	0n55	17n 3	1s10	3s50	2s34	1s27	0n41	10s57	1n46	22n 7	13n 7	0s45	1s20	4n38	17s21	6n 9							

ASTRODIENST EPHEMERIS for the year 1466

geocentric

NOVEMBER 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 15 15	17 ¹⁷ 25'07	28 ²⁸ ♂ 3	28 ²⁸ R29	23 ²³ ♂38	16 ¹⁶ ♂44	21 ²¹ R16	26 ²⁶ R14	5 ⁵ ♂17	3 ³ ♂13	4 ⁴ ♂18	28 ²⁸ ♂ 7	26 ²⁶ ♂36	19 ¹⁹ ♂52	1 ¹ ♂49	S 1
S 2	3 19 12	18 ¹⁸ 25'42	9 ⁹ ♂52	27 ²⁷ ♂29	24 ²⁴ 51	17 ¹⁷ 24	21 ²¹ ♂ 8	26 ²⁶ ♂12	5 ⁵ 20	3 ³ 15	4 ⁴ 19	28 ²⁸ ♂ 8	26 ²⁶ 33	19 ¹⁹ 59	1 ¹ 54	S 2
M 3	3 23 8	19 ¹⁹ 26'18	21 ²¹ 39	26 ²⁶ 21	26 ²⁶ 4	18 ¹⁸ 3	21 ²¹ 0	26 ²⁶ 11	5 ⁵ 23	3 ³ 17	4 ⁴ 20	28 ²⁸ 10	26 ²⁶ 30	20 ²⁰ 6	1 ¹ 58	M 3
T 4	3 27 5	20 ²⁰ 26'56	3 ³ ♂28	25 ²⁵ 7	27 ²⁷ 17	18 ¹⁸ 42	20 ²⁰ 51	26 ²⁶ 9	5 ⁵ 26	3 ³ 19	4 ⁴ 21	28 ²⁸ R10	26 ²⁶ 27	20 ²⁰ 12	2 ² 3	T 4
W 5	3 31 1	21 ²¹ 27'36	15 ¹⁵ 26	23 ²³ 47	28 ²⁸ 30	19 ¹⁹ 21	20 ²⁰ 43	26 ²⁶ 7	5 ⁵ 29	3 ³ 21	4 ⁴ 21	28 ²⁸ ♂ 8	26 ²⁶ 24	20 ²⁰ 19	2 ² 8	W 5
T 6	3 34 58	22 ²² 28'17	27 ²⁷ 33	22 ²² 26	29 ²⁹ 42	20 ²⁰ 0	20 ²⁰ 35	26 ²⁶ 6	5 ⁵ 32	3 ³ 24	4 ⁴ 22	28 ²⁸ ♂ 4	26 ²⁶ 20	20 ²⁰ 26	2 ² 13	T 6
F 7	3 38 54	23 ²³ 28'59	9 ⁹ ♂54	21 ²¹ 5	0 ⁰ ♂55	20 ²⁰ 39	20 ²⁰ 27	26 ²⁶ 4	5 ⁵ 35	3 ³ 26	4 ⁴ 23	27 ²⁷ 57	26 ²⁶ 17	20 ²⁰ 32	2 ² 18	F 7
S 8	3 42 51	24 ²⁴ 29'44	22 ²² 30	19 ¹⁹ 46	2 ² 8	21 ²¹ 18	20 ²⁰ 19	26 ²⁶ 3	5 ⁵ 38	3 ³ 28	4 ⁴ 23	27 ²⁷ 48	26 ²⁶ 14	20 ²⁰ 39	2 ² 23	S 8
S 9	3 46 47	25 ²⁵ 30'29	5 ⁵ ♂21	18 ¹⁸ 34	3 ³ 20	21 ²¹ 57	20 ²⁰ 10	26 ²⁶ 1	5 ⁵ 41	3 ³ 30	4 ⁴ 24	27 ²⁷ 38	26 ²⁶ 11	20 ²⁰ 45	2 ² 28	S 9
M10	3 50 44	26 ²⁶ 31'17	18 ¹⁸ 25	17 ¹⁷ 30	4 ⁴ 33	22 ²² 36	20 ²⁰ 2	26 ²⁶ 0	5 ⁵ 43	3 ³ 32	4 ⁴ 25	27 ²⁷ 27	26 ²⁶ 8	20 ²⁰ 52	2 ² 34	M10
T 11	3 54 41	27 ²⁷ 32'05	1 ¹ ♂43	16 ¹⁶ 35	5 ⁵ 45	23 ²³ 16	19 ¹⁹ 54	25 ²⁵ 09	5 ⁵ 46	3 ³ 34	4 ⁴ 25	27 ²⁷ 16	26 ²⁶ 4	20 ²⁰ 59	2 ² 39	T 11
W12	3 58 37	28 ²⁸ 32'54	15 ¹⁵ 12	15 ¹⁵ 51	6 ⁶ 58	23 ²³ 55	19 ¹⁹ 46	25 ²⁵ 58	5 ⁵ 49	3 ³ 36	4 ⁴ 26	27 ²⁷ 7	26 ²⁶ 1	21 ²¹ 5	2 ² 44	W12
T 13	4 2 34	29 ²⁹ 33'45	28 ²⁸ 50	15 ¹⁵ 18	8 ⁸ 10	24 ²⁴ 34	19 ¹⁹ 38	25 ²⁵ 57	5 ⁵ 51	3 ³ 38	4 ⁴ 26	27 ²⁷ 1	25 ²⁵ 58	21 ²¹ 12	2 ² 49	T 13
F 14	4 6 30	0 ⁰ ♂34'36	12 ¹² ♂38	14 ¹⁴ 57	9 ⁹ 23	25 ²⁵ 13	19 ¹⁹ 30	25 ²⁵ 57	5 ⁵ 54	3 ³ 40	4 ⁴ 27	26 ²⁶ 57	25 ²⁵ 55	21 ²¹ 19	2 ² 55	F 14
S 15	4 10 27	1 ¹ 35'28	26 ²⁶ 33	14 ¹⁴ D47	10 ¹⁰ 35	25 ²⁵ 52	19 ¹⁹ 23	25 ²⁵ 56	5 ⁵ 56	3 ³ 43	4 ⁴ 27	26 ²⁶ D56	25 ²⁵ 52	21 ²¹ 25	3 ³ 0	S 15
S 16	4 14 23	2 ² 36'21	10 ¹⁰ ♂36	14 ¹⁴ 48	11 ¹¹ 47	26 ²⁶ 32	19 ¹⁹ 15	25 ²⁵ 56	5 ⁵ 59	3 ³ 45	4 ⁴ 28	26 ²⁶ 56	25 ²⁵ 49	21 ²¹ 32	3 ³ 5	S 16
M17	4 18 20	3 ³ 37'14	24 ²⁴ 46	15 ¹⁵ 0	13 ¹³ 0	27 ²⁷ 11	19 ¹⁹ 7	25 ²⁵ 55	6 ⁶ 1	3 ³ 47	4 ⁴ 28	26 ²⁶ R56	25 ²⁵ 45	21 ²¹ 39	3 ³ 11	M17
T 18	4 22 17	4 ⁴ 38'09	9 ⁹ ♂1	15 ¹⁵ 20	14 ¹⁴ 12	27 ²⁷ 50	19 ¹⁹ 0	25 ²⁵ 55	6 ⁶ 4	3 ³ 49	4 ⁴ 28	26 ²⁶ 56	25 ²⁵ 42	21 ²¹ 45	3 ³ 16	T 18
W19	4 26 13	5 ⁵ 39'04	23 ²³ 20	15 ¹⁵ 50	15 ¹⁵ 24	28 ²⁸ 29	18 ¹⁸ 52	25 ²⁵ 55	6 ⁶ 6	3 ³ 51	4 ⁴ 29	26 ²⁶ 53	25 ²⁵ 39	21 ²¹ 52	3 ³ 22	W19
T 20	4 30 10	6 ⁶ 40'00	7 ⁷ ♂40	16 ¹⁶ 26	16 ¹⁶ 36	29 ²⁹ 9	18 ¹⁸ 45	25 ²⁵ D55	6 ⁶ 8	3 ³ 53	4 ⁴ 29	26 ²⁶ 48	25 ²⁵ 36	21 ²¹ 59	3 ³ 27	T 20
F 21	4 34 6	7 ⁷ 40'57	21 ²¹ 55	17 ¹⁷ 10	17 ¹⁷ 48	29 ²⁹ 48	18 ¹⁸ 37	25 ²⁵ 55	6 ⁶ 11	3 ³ 54	4 ⁴ 29	26 ²⁶ 39	25 ²⁵ 33	22 ²² 5	3 ³ 33	F 21
S 22	4 38 3	8 ⁸ 41'55	6 ⁶ ♂1	17 ¹⁷ 59	19 ¹⁹ 0	0 ⁰ ♂27	18 ¹⁸ 30	25 ²⁵ 55	6 ⁶ 13	3 ³ 56	4 ⁴ 29	26 ²⁶ 29	25 ²⁵ 30	22 ²² 12	3 ³ 38	S 22
S 23	4 41 59	9 ⁹ 42'54	19 ¹⁹ 50	18 ¹⁸ 54	20 ²⁰ 12	1 ¹ 7	18 ¹⁸ 23	25 ²⁵ 55	6 ⁶ 15	3 ³ 58	4 ⁴ 29	26 ²⁶ 17	25 ²⁵ 26	22 ²² 19	3 ³ 44	S 23
M24	4 45 56	10 ¹⁰ 43'54	3 ³ ♂22	19 ¹⁹ 54	21 ²¹ 23	1 ¹ 46	18 ¹⁸ 16	25 ²⁵ 55	6 ⁶ 17	4 ⁴ 0	4 ⁴ 30	26 ²⁶ 4	25 ²⁵ 23	22 ²² 25	3 ³ 49	M24
T 25	4 49 52	11 ¹¹ 44'54	16 ¹⁶ 31	20 ²⁰ 57	22 ²² 35	2 ² 25	18 ¹⁸ 9	25 ²⁵ 56	6 ⁶ 19	4 ⁴ 2	4 ⁴ 30	25 ²⁵ 53	25 ²⁵ 20	22 ²² 32	3 ³ 55	T 25
W26	4 53 49	12 ¹² 45'56	29 ²⁹ 19	22 ²² 4	23 ²³ 47	3 ³ 5	18 ¹⁸ 2	25 ²⁵ 56	6 ⁶ 21	4 ⁴ 4	4 ⁴ 30	25 ²⁵ 43	25 ²⁵ 17	22 ²² 38	4 ⁴ 1	W26
T 27	4 57 46	13 ¹³ 46'59	11 ¹¹ ♂46	23 ²³ 14	24 ²⁴ 58	3 ³ 44	17 ¹⁷ 56	25 ²⁵ 57	6 ⁶ 23	4 ⁴ 6	4 ⁴ 30	25 ²⁵ 37	25 ²⁵ 14	22 ²² 45	4 ⁴ 6	T 27
F 28	5 1 42	14 ¹⁴ 48'02	23 ²³ 56	24 ²⁴ 27	26 ²⁶ 10	4 ⁴ 24	17 ¹⁷ 49	25 ²⁵ 58	6 ⁶ 25	4 ⁴ 8	4 ⁴ R30	25 ²⁵ 33	25 ²⁵ 10	22 ²² 52	4 ⁴ 12	F 28
S 29	5 5 39	15 ¹⁵ 49'07	5 ⁵ ♂53	25 ²⁵ 42	27 ²⁷ 21	5 ⁵ 3	17 ¹⁷ 43	25 ²⁵ 59	6 ⁶ 27	4 ⁴ 9	4 ⁴ 30	25 ²⁵ 31	25 ²⁵ 7	22 ²² 58	4 ⁴ 18	S 29
S 30	5 9 35	16 ¹⁶ ♂50'12	17 ¹⁷ ♂43	26 ²⁶ ♂59	28 ²⁸ ♂32	5 ⁵ ♂42	17 ¹⁷ ♂36	26 ²⁶ ♂0	6 ⁶ ♂29	4 ⁴ ♂11	4 ⁴ ♂30	25 ²⁵ D31	25 ²⁵ ♂4	23 ²³ ♂5	4 ⁴ ♂23	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
S 1	17s 5	14n37	2n35	20s55	1s 4	25s10	1s49	5s45	0n55	17n 1	1s10	3s51	2s34	1s29	0n41	10s58	1n46	22n 7	13n 7	0s45	1s21	4n35	17s22	6n 8			
S 2	17 22	9 24	1 37	20 24	0 46	25 16	1 51	6 0	0 55	16 58	1 10	3 52	2 34	1 30	0 41	10 59	1 46	22 7	13 8	0 45	1 23	4 31	17 22	6 8			
M 3	17 39	3 52	0 35	19 49	0 26	25 20	1 53	6 16	0 54	16 56	1 10	3 52	2 33	1 31	0 41	10 59	1 46	22 8	13 8	0 44	1 24	4 28	17 22	6 8			
T 4	17 55	1s49	0s29	19 12	0 6	25 24	1 55	6 31	0 54	16 54	1 9	3 53	2 33	1 32	0 41	11 0	1 46	22 8	13 8	0 44	1 25	4 24	17 22	6 8			
W 5	18 11	7 30	1 32	18 32	0n15	25 26	1 56	6 46	0 54	16 52	1 9	3 53	2 33	1 33	0 41	11 1	1 46	22 8	13 9	0 45	1 26	4 21	17 22	6 7			
T 6	18 27	12 59	2 31	17 52	0 35	25 29	1 58	7 1	0 53	16 50	1 9	3 54	2 33	1 34	0 41	11 2	1 46	22 8	13 9	0 46	1 28	4 18	17 23	6 7			
F 7	18 42	18 4	3 25	17 12	0 55	25 30	1 59	7 16	0 53	16 48	1 9	3 54	2 33	1 35	0 41	11 2	1 46	22 8	13 10	0 49	1 29	4 14	17 23	6 7			
S 8	18 57	22 28	4 9	16 33	1 14	25 31	2 1	7 31	0 53	16 46	1 9	3 54	2 32	1 37	0 41	11 3	1 46	22 8	13 10	0 53	1 30	4 11	17 23	6 7			
S 9	19 12	25 52	4 42	15 56	1 31	25 30	2 2	7 46	0 52	16 44	1 9	3 55	2 32	1 38	0 41	11 4	1 46	22 8	13 11	0 57	1 31	4 7	17 23	6 6			
M10	19 26	27 59	5 0	15 24	1 47	25 30	2 4	8 1	0 52	16 42	1 9	3 55	2 32	1 39	0 41	11 4	1 46	22 9	13 11	1 1	1 33	4 4	17 23	6 6			
T 11	19 40	28 33	5 3	14 55	2 0	25 28	2 5	8 16	0 52	16 40	1 9	3 55	2 32	1 40	0 41	11 5	1 46	22 9	13 12	1 5	1 34	4 0	17 23	6 6			
W12	19 54	27 26	4 49	14 32	2 12	25 26	2 6	8 31	0 51	16 38	1 8	3 55	2 31	1 41	0 41	11 6	1 46	22 9	13 12	1 9	1 35	3 57	17 23	6 6			
T 13	20 7	24 40	4 19	14 14	2 21	25 22	2 7	8 45	0 51	16 36	1 8	3 55	2 31	1 42	0 42	11 6	1 46	22 9	13 13	1 11	1 36	3 54	17 24	6 5			
F 14	20 20	20 28	3 33	14 1	2 28	25 19	2 8	9 0	0 51	16 34	1 8	3 55	2 31	1 43	0 42	11 7	1 46	22 10	13 13	1 13	1 38	3 50	17 24	6 5			
S 15	20 32	15 7	2 34	13 53	2 33	25 14	2 9	9 15	0 50	16 32	1 8	3 55	2 31	1 44	0 42	11 8	1 46	22 10	13 14	1 13	1 39	3 47	17 24	6 5			
S 16	20 45	8 56	1 26	13 50	2 36	25 9	2 10	9 29	0 50	16 30	1 8	3 55	2 31	1 45	0 42	11 8	1 46	22 10	13 14	1 13	1 40	3 43	17 24	6 5			
M17	20 56	2 16	0 12	13 52	2 38	25 2	2 11	9 44	0 50	16 28	1 8	3 55	2 30	1 46	0 42	11 9	1 46	22 11	13 15	1 13	1 41	3 40	17 24	6 5			
T 18	21 8	4n34	1n 4	13 57	2 38	24 56	2 11	9 58	0 49	16 26	1 7	3 55	2 30	1 47	0 42	11 10	1 46	22 11	13 15	1 14	1 43	3 36	17 24	6 4			
W19	21 19	11 11	2 15	14 7	2 37	24 48	2 12	10 13	0 49	16 25	1 7	3 55	2 30	1 48	0 42	11 10	1 46	22 11	13 15	1 15	1 44	3 33	17 24	6 4			
T 20	21 29	17 14	3 18	14 19	2 35	24 40	2 12	10 27	0 49	16 23	1 7	3 55	2 30	1 48	0 42	11 11	1 46	22 11	13 16	1 17	1 45	3 29	17 24	6 4			
F 21	21 39	22 18	4 8	14 35	2 32	24 31	2 13	10 41	0 48	16 21	1 7	3 55	2 29	1 49	0 42	11 12	1 46	22 12	13 16	1 20	1 47	3 26	17 24	6 4			
S 22	21 49	26 1	4 43	14 52	2 28	24 21	2 13	10 55	0 48	16 19	1 7	3 54	2 29	1 50	0 42	11 12	1 46	22 12	13 17	1 24	1 48	3 23	17 24	6 4			
S 23	21 58	28 6	4 59	15 12	2 24	24 11	2 13	11 9	0 47	16 17	1 6	3 54	2 29	1 51	0 42	11 13	1 46	22 13	13 17	1 29	1 49	3 19	17 24	6 4			
M24	22 7	28 27	4 59	15 33	2 18	24 0	2 13	11 23	0 47	16 16	1 6	3 54	2 29	1 52	0 42	11 13	1 46	22 13	13 18	1 34	1 50	3 16	17 24	6 4			
T 25	22 16	27 9	4 42	15 55	2 12	23 48	2 13	11 37	0 47	16 14	1 6	3 53	2 28	1 53	0 42	11 14	1 46	22 13	13 18	1 39	1 52	3 12	17 24	6 3			
W26	22 24	24 27	4 12	16 18	2 6	23 36	2 13	11 51	0 46	16 12	1 6	3 53	2 28	1 53	0 42	11 15	1 46	22 14	13 19	1 42	1 53	3 9	17 24	6 3			
T 27	22 31	20 40	4 30	16 42	2 0	23 23	2 13	12 5	0 46	16 11	1 5	3 52	2 28	1 54	0 42	11 15	1 46	22 14	13 19	1 45	1 54	3 5	17 24	6 3			
F 28	22 39	16 5	2 39	17 7	1 53	23 9	2 12	12 19	0 45	16 9	1 5	3 52	2 28	1 55	0 42	11 16	1 46	22 15	13 20	1 47	1 55	3 2	17 24	6 3			
S 29	22 45	10 58	1 42	17 32	1 46	22 55	2 12	12 32	0 45	16 7	1 5	3 51	2 27	1 56	0 42	11 16	1 46	22 15	13 20	1 47	1 57	2 58	17 24	6 3			
S 30	22s51	5n30	0n41	17s57	1n38	22s40	2s11	12s46	0n44	16n 6	1s 5	3s51	2s27	1s56	0n42	11s17	1n46	22n15	13n21	1s47	1s58	2n55	17s24	6n 3			

ASTRODIENST EPHEMERIS for the year 1466

geocentric

DECEMBER 1466 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	5 13 32	17°51'18	29°30	28°18	29°34	6°22	17°30	26°1	6°31	4°13	4°30	25°R31	25°1	23°12	4°29	M 1
T 2	5 17 28	18°52'25	11°21	29°39	0°55	7°1	17°24	26°2	6°33	4°15	4°30	25°R30	24°58	23°18	4°35	T 2
W 3	5 21 25	19°53'33	23°20	1°1	2°6	7°41	17°19	26°4	6°34	4°16	4°29	25°27	24°55	23°25	4°41	W 3
T 4	5 25 21	20°54'42	5°34	2°24	3°17	8°20	17°13	26°5	6°36	4°18	4°29	25°22	24°51	23°32	4°46	T 4
F 5	5 29 18	21°55'52	18°4	3°48	4°27	9°0	17°8	26°7	6°38	4°20	4°29	25°14	24°48	23°38	4°52	F 5
S 6	5 33 15	22°57'02	0°53	5°12	5°38	9°39	17°2	26°8	6°39	4°21	4°29	25°3	24°45	23°45	4°58	S 6
S 7	5 37 11	23°58'12	14°2	6°38	6°49	10°19	16°57	26°10	6°41	4°23	4°28	24°50	24°42	23°52	5°4	S 7
M 8	5 41 8	24°59'23	27°30	8°5	7°59	10°59	16°52	26°12	6°42	4°25	4°28	24°36	24°39	23°58	5°10	M 8
T 9	5 45 4	26°0'35	11°31	9°32	9°10	11°38	16°47	26°14	6°44	4°26	4°28	24°23	24°36	24°5	5°16	T 9
W10	5 49 1	27°1'46	25°10	11°0	10°20	12°18	16°43	26°16	6°45	4°28	4°27	24°12	24°32	24°11	5°22	W10
T 11	5 52 57	28°2'58	9°13	12°28	11°30	12°57	16°38	26°18	6°46	4°29	4°27	24°4	24°29	24°18	5°27	T 11
F 12	5 56 54	29°4'10	23°20	13°57	12°40	13°37	16°34	26°20	6°47	4°31	4°27	23°58	24°26	24°25	5°33	F 12
S 13	6 0 51	0°5'21	7°28	15°26	13°50	14°17	16°30	26°23	6°49	4°32	4°26	23°56	24°23	24°31	5°39	S 13
S 14	6 4 47	1°6'33	21°35	16°56	15°0	14°56	16°26	26°25	6°50	4°34	4°26	23°55	24°20	24°38	5°45	S 14
M15	6 8 44	2°7'44	5°39	18°26	16°10	15°36	16°23	26°28	6°51	4°35	4°25	23°55	24°16	24°45	5°51	M15
T 16	6 12 40	3°8'54	19°41	19°56	17°19	16°15	16°19	26°31	6°52	4°37	4°25	23°54	24°13	24°51	5°57	T 16
W17	6 16 37	4°10'05	3°39	21°27	18°29	16°55	16°16	26°33	6°53	4°38	4°24	23°51	24°10	24°58	6°3	W17
T 18	6 20 33	5°11'15	17°33	22°59	19°38	17°35	16°13	26°36	6°54	4°39	4°23	23°46	24°7	25°5	6°9	T 18
F 19	6 24 30	6°12'25	1°20	24°30	20°47	18°14	16°10	26°39	6°54	4°41	4°23	23°37	24°4	25°11	6°15	F 19
S 20	6 28 26	7°13'35	14°59	26°2	21°56	18°54	16°7	26°42	6°55	4°42	4°22	23°26	24°1	25°18	6°21	S 20
S 21	6 32 23	8°14'45	28°25	27°35	23°5	19°34	16°5	26°46	6°56	4°43	4°21	23°14	23°57	25°25	6°26	S 21
M22	6 36 20	9°15'54	11°38	29°8	24°13	20°13	16°3	26°49	6°57	4°44	4°21	23°1	23°54	25°31	6°32	M22
T 23	6 40 16	10°17'04	24°34	0°41	25°22	20°53	16°1	26°52	6°57	4°45	4°20	22°49	23°51	25°38	6°38	T 23
W24	6 44 13	11°18'13	7°13	2°15	26°30	21°33	15°59	26°56	6°58	4°47	4°19	22°38	23°48	25°45	6°44	W24
T 25	6 48 9	12°19'21	19°35	3°49	27°38	22°13	15°57	26°59	6°58	4°48	4°18	22°31	23°45	25°51	6°50	T 25
F 26	6 52 6	13°20'30	1°43	5°23	28°46	22°53	15°56	27°3	6°59	4°49	4°18	22°26	23°42	25°58	6°56	F 26
S 27	6 56 2	14°21'38	13°39	6°58	29°53	23°32	15°54	27°7	6°59	4°50	4°17	22°24	23°38	26°4	7°2	S 27
S 28	6 59 59	15°22'47	25°29	8°34	1°1	24°12	15°53	27°11	7°0	4°51	4°16	22°D24	23°35	26°11	7°8	S 28
M29	7 3 55	16°23'54	7°16	10°10	2°8	24°52	15°52	27°15	7°0	4°52	4°15	22°24	23°32	26°18	7°13	M29
T 30	7 7 52	17°25'02	19°6	11°46	3°15	25°32	15°52	27°19	7°0	4°53	4°14	22°R25	23°29	26°24	7°19	T 30
W31	7 11 49	18°26'10	1°15	13°23	4°22	26°12	15°51	27°23	7°1	4°54	4°13	22°H24	23°26	26°31	7°25	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	22s57	0s7	0s21	18s22	1n31	22s24	2s11	12s59	0n44	16n4	1s5	3s50	2s27	1s57	0n42	11s18
T 2	23 3	5 46	1 23	18 47	1 23	22 8	2 10	13 13	0 44	16 3	1 4	3 49	2 27	1 58	0 42	11 18
W 3	23 7	11 17	2 22	19 11	1 16	21 51	2 9	13 26	0 43	16 2	1 4	3 49	2 26	1 58	0 42	11 19
T 4	23 12	16 28	3 15	19 36	1 8	21 34	2 8	13 39	0 43	16 0	1 4	3 48	2 26	1 59	0 42	11 19
F 5	23 16	21 6	4 0	19 59	1 0	21 16	2 7	13 52	0 42	15 59	1 4	3 47	2 26	2 0	0 42	11 20
S 6	23 19	24 52	4 34	20 22	0 52	20 57	2 6	14 5	0 42	15 58	1 3	3 46	2 26	2 0	0 42	11 20
S 7	23 22	27 26	4 55	20 45	0 45	20 38	2 5	14 18	0 41	15 56	1 3	3 45	2 26	2 1	0 42	11 21
M 8	23 25	28 29	5 0	21 7	0 37	20 18	2 3	14 31	0 41	15 55	1 3	3 44	2 25	2 1	0 42	11 21
T 9	23 27	27 48	4 47	21 28	0 29	19 58	2 2	14 44	0 40	15 54	1 3	3 43	2 25	2 2	0 42	11 22
W10	23 29	25 23	4 18	21 48	0 22	19 38	2 0	14 56	0 40	15 53	1 2	3 42	2 25	2 2	0 42	11 22
T 11	23 30	21 25	3 33	22 7	0 14	19 17	1 58	15 9	0 39	15 52	1 2	3 41	2 25	2 3	0 42	11 23
F 12	23 30	16 12	2 34	22 26	0 7	18 55	1 56	15 21	0 39	15 51	1 2	3 40	2 24	2 3	0 42	11 23
S 13	23 31	10 7	1 26	22 43	0s0	18 33	1 54	15 33	0 38	15 50	1 1	3 39	2 24	2 4	0 42	11 23
S 14	23 30	3 32	0 12	23 0	0 8	18 10	1 52	15 46	0 38	15 49	1 1	3 38	2 24	2 4	0 43	11 24
M15	23 30	3n12	1n2	23 15	0 15	17 47	1 50	15 58	0 37	15 49	1 1	3 36	2 24	2 4	0 43	11 24
T 16	23 28	9 45	2 12	23 29	0 22	17 24	1 48	16 10	0 37	15 48	1 1	3 35	2 23	2 5	0 43	11 25
W17	23 27	15 48	3 14	23 42	0 28	17 0	1 45	16 21	0 36	15 47	1 0	3 34	2 23	2 5	0 43	11 25
T 18	23 25	21 1	4 4	23 55	0 35	16 36	1 43	16 33	0 36	15 47	1 0	3 32	2 23	2 5	0 43	11 26
F 19	23 22	25 2	4 39	24 5	0 42	16 11	1 40	16 45	0 35	15 46	1 0	3 31	2 23	2 6	0 43	11 26
S 20	23 19	27 35	4 58	24 15	0 48	15 46	1 37	16 56	0 35	15 46	1 0	3 29	2 23	2 6	0 43	11 26
S 21	23 15	28 30	5 0	24 23	0 54	15 21	1 34	17 8	0 34	15 45	0 59	3 28	2 22	2 6	0 43	11 27
M22	23 11	27 44	4 45	24 30	1 0	14 55	1 31	17 19	0 34	15 45	0 59	3 26	2 22	2 7	0 43	11 27
T 23	23 7	25 29	4 17	24 36	1 6	14 29	1 28	17 30	0 33	15 44	0 59	3 25	2 22	2 7	0 43	11 27
W24	23 2	22 0	3 36	24 41	1 11	14 3	1 25	17 41	0 33	15 44	0 58	3 23	2 22	2 7	0 43	11 28
T 25	22 56	17 36	2 45	24 44	1 17	13 36	1 21	17 52	0 32	15 44	0 58	3 22	2 21	2 7	0 43	11 28
F 26	22 50	12 34	1 48	24 46	1 22	13 9	1 18	18 2	0 31	15 44	0 58	3 20	2 21	2 7	0 43	11 28
S 27	22 44	7 10	0 46	24 46	1 27	12 42	1 14	18 13	0 31	15 44	0 58	3 18	2 21	2 7	0 43	11 29
S 28	22 37	1 33	0s16	24 45	1 31	12 15	1 10	18 23	0 30	15 44	0 57	3 17	2 21	2 7	0 43	11 29
M29	22 30	4s6	1 19	24 43	1 36	11 47	1 6	18 34	0 30	15 44	0 57	3 15	2 21	2 8	0 43	11 29
T 30	22 22	9 37	2 18	24 39	1 40	11 19	1 2	18 44	0 29	15 44	0 57	3 13	2 20	2 8	0 43	11 29
W31	22s14	14s52	3s11	24s33	1s44	10s51	0s58	18s54	0n28	15n44	0s56	3s11	2s20	2s8	0n43	11s30

Julian Day Number = 2256848.5, Delta T = 05m58s

Ecliptic obliquity = 23°30'39", Nutation = 0°00'01", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°18'10", Lahiri = 16°25'11" Julian Calendar 1 Dec. 1466 == Greg. Calendar 10 Dec. 1466