



Astrodienst Ephemeris Tables for the year 1464

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 1464

geocentric

JANUARY 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 14 40	19°10'21	2°11	3°R 8	14°R30	7°H55	12°12	23°28	22°R41	28°28	28°R 9	22°R34	21°825	24°831	10°7 0	S 1	
M 2	7 18 36	20°11'27	15°55	2°343	14°21	8°41	12°26	23°34	22°M40	28°29	28°R 7	22°D32	21°21	24°38	10° 6	M 2	
T 3	7 22 33	21°12'33	29°51	2°27	14° 8	9°27	12°39	23°41	22°39	28°30	28° 6	22°B32	21°18	24°45	10°12	T 3	
W 4	7 26 29	22°13'39	14°11	2°D20	13°54	10°12	12°53	23°47	22°38	28°30	28° 5	22°33	21°15	24°51	10°18	W 4	
T 5	7 30 26	23°14'44	28°22	2°22	13°36	10°58	13° 7	23°54	22°38	28°31	28° 4	22°R33	21°12	24°58	10°24	T 5	
F 6	7 34 22	24°15'49	12°53	2°31	13°17	11°44	13°21	24° 1	22°37	28°31	28° 3	22°31	21° 9	25° 5	10°30	F 6	
S 7	7 38 19	25°16'54	27°29	2°48	12°55	12°29	13°35	24° 7	22°36	28°32	28° 2	22°27	21° 5	25°11	10°36	S 7	
S 8	7 42 15	26°17'57	12°3 4	3°11	12°31	13°15	13°49	24°14	22°35	28°32	28° 0	22°20	21° 2	25°18	10°42	S 8	
M 9	7 46 12	27°19'00	26°32	3°41	12° 5	14° 1	14° 4	24°21	22°33	28°33	27°59	22°11	20°59	25°25	10°47	M 9	
T 10	7 50 9	28°20'03	10°46	4°15	11°36	14°46	14°18	24°28	22°32	28°33	27°58	21°59	20°56	25°31	10°53	T 10	
W11	7 54 5	29°21'04	24°40	4°55	11° 6	15°32	14°32	24°34	22°31	28°33	27°56	21°48	20°53	25°38	10°59	W11	
T 12	7 58 2	0°22'04	8°10	5°40	10°35	16°17	14°46	24°41	22°30	28°34	27°55	21°37	20°50	25°44	11° 4	T 12	
F 13	8 1 58	1°23'02	21°15	6°28	10° 1	17° 3	15° 0	24°48	22°29	28°34	27°54	21°29	20°46	25°51	11°10	F 13	
S 14	8 5 55	2°24'00	3°56	7°20	9°27	17°48	15°15	24°55	22°27	28°34	27°52	21°23	20°43	25°58	11°15	S 14	
S 15	8 9 51	3°24'56	16°17	8°16	8°52	18°33	15°29	25° 2	22°26	28°35	27°51	21°19	20°40	26° 4	11°20	S 15	
M16	8 13 48	4°25'51	28°21	9°14	8°15	19°19	15°43	25° 9	22°24	28°35	27°50	21°18	20°37	26°11	11°26	M16	
T 17	8 17 44	5°26'45	10°14	10°15	7°38	20° 4	15°57	25°16	22°23	28°35	27°48	21°D17	20°34	26°18	11°31	T 17	
W18	8 21 41	6°27'37	22° 2	11°19	7° 1	20°49	16°12	25°23	22°21	28°35	27°47	21°R18	20°31	26°24	11°36	W18	
T 19	8 25 38	7°28'28	3°II50	12°26	6°24	21°35	16°26	25°30	22°20	28°35	27°46	21°17	20°27	26°31	11°41	T 19	
F 20	8 29 34	8°29'17	15°43	13°34	5°47	22°20	16°40	25°37	22°18	28°35	27°44	21°14	20°24	26°38	11°46	F 20	
S 21	8 33 31	9°30'05	27°45	14°45	5°10	23° 5	16°55	25°44	22°17	28°R35	27°43	21° 9	20°21	26°44	11°51	S 21	
S 22	8 37 27	10°30'52	10°1 1	15°57	4°34	23°50	17° 9	25°51	22°15	28°35	27°41	21° 1	20°18	26°51	11°56	S 22	
M23	8 41 24	11°31'37	22°33	17°11	3°59	24°36	17°23	25°58	22°13	28°35	27°40	20°51	20°15	26°58	12° 0	M23	
T 24	8 45 20	12°32'21	5°II21	18°27	3°26	25°21	17°38	26° 6	22°11	28°35	27°38	20°38	20°11	27° 4	12° 5	T 24	
W25	8 49 17	13°33'03	18°25	19°44	2°53	26° 6	17°52	26°13	22°10	28°35	27°37	20°25	20° 8	27°11	12°10	W25	
T 26	8 53 14	14°33'44	1°II45	21° 3	2°23	26°51	18° 7	26°20	22° 8	28°35	27°35	20°12	20° 5	27°18	12°14	T 26	
F 27	8 57 10	15°34'23	15°17	22°23	1°54	27°36	18°21	26°27	22° 6	28°35	27°34	20° 0	20° 2	27°24	12°19	F 27	
S 28	9 1 7	16°35'01	28°59	23°44	1°27	28°21	18°35	26°34	22° 4	28°34	27°32	19°51	19°59	27°31	12°23	S 28	
S 29	9 5 3	17°35'38	12°48	25° 6	1° 2	29° 6	18°50	26°42	22° 2	28°34	27°31	19°45	19°56	27°37	12°27	S 29	
M30	9 9 0	18°36'14	26°43	26°30	0°39	29°51	19° 4	26°49	22° 0	28°34	27°29	19°42	19°52	27°44	12°32	M30	
T 31	9 12 56	19°36'49	10°II43	27°355	0°19	0°V35	19°19	26°56	21°II58	28°34	27°28	19°B41	19°B49	27°B51	12°36	T 31	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22s 8	2n45	3n56	20s10	3n18	13s 6	3n35	9s24	0s50	17s55	0s45	15s 5	1s25	3n38	0n47	9s18	1n47
M 2	21 59	3s28	3 3	20 16	3 13	12 55	3 50	9 6	0 49	17 51	0 45	15 3	1 25	3 38	0 47	9 18	1 47
T 3	21 50	9 36	1 58	20 23	3 7	12 44	4 5	8 48	0 48	17 47	0 45	15 0	1 25	3 39	0 47	9 18	1 47
W 4	21 40	15 22	0 46	20 30	2 59	12 33	4 20	8 30	0 47	17 43	0 45	14 58	1 25	3 39	0 47	9 18	1 47
T 5	21 30	20 22	0 31	20 39	2 51	12 24	4 35	8 11	0 46	17 39	0 45	14 56	1 25	3 39	0 47	9 18	1 47
F 6	21 20	24 10	1 46	20 47	2 42	12 15	4 50	7 53	0 46	17 35	0 45	14 54	1 25	3 40	0 47	9 18	1 48
S 7	21 9	26 24	2 55	20 57	2 32	12 7	5 5	7 35	0 45	17 31	0 45	14 52	1 25	3 40	0 47	9 19	1 48
S 8	20 57	26 49	3 52	21 6	2 22	11 59	5 19	7 17	0 44	17 27	0 45	14 49	1 25	3 41	0 47	9 19	1 48
M 9	20 46	25 23	4 33	21 15	2 12	11 53	5 34	6 58	0 43	17 23	0 45	14 47	1 25	3 41	0 47	9 19	1 48
T 10	20 33	22 21	4 57	21 25	2 2	11 47	5 48	6 40	0 42	17 19	0 45	14 45	1 25	3 41	0 47	9 19	1 48
W11	20 21	18 5	5 2	21 34	1 52	11 42	6 1	6 21	0 41	17 15	0 45	14 43	1 25	3 42	0 47	9 19	1 48
T 12	20 8	13 1	4 50	21 42	1 41	11 38	6 14	6 3	0 40	17 11	0 45	14 40	1 25	3 43	0 47	9 19	1 48
F 13	19 55	7 31	4 23	21 50	1 31	11 34	6 27	5 44	0 40	17 6	0 46	14 38	1 25	3 43	0 47	9 19	1 48
S 14	19 41	1 51	3 44	21 58	1 20	11 31	6 39	5 26	0 39	17 2	0 46	14 36	1 25	3 44	0 47	9 19	1 48
S 15	19 27	3n44	2 55	22 5	1 10	11 29	6 50	5 7	0 38	16 58	0 46	14 33	1 25	3 44	0 47	9 19	1 48
M16	19 13	9 4	1 59	22 11	1 0	11 28	7 1	4 49	0 37	16 54	0 46	14 31	1 25	3 45	0 47	9 19	1 48
T 17	18 58	14 1	0 58	22 17	0 50	11 28	7 11	4 30	0 36	16 50	0 46	14 29	1 25	3 45	0 47	9 19	1 48
W18	18 43	18 24	0n 4	22 22	0 40	11 28	7 20	4 11	0 35	16 45	0 46	14 26	1 25	3 46	0 47	9 19	1 48
T 19	18 27	22 4	1 6	22 25	0 30	11 29	7 29	3 53	0 35	16 41	0 46	14 24	1 25	3 47	0 47	9 19	1 48
F 20	18 12	24 49	2 6	22 28	0 21	11 31	7 36	3 34	0 34	16 37	0 46	14 21	1 25	3 47	0 48	9 19	1 48
S 21	17 56	26 30	3 0	22 30	0 12	11 33	7 42	3 15	0 33	16 33	0 46	14 19	1 25	3 48	0 48	9 19	1 48
S 22	17 39	26 55	3 48	22 31	0 3	11 36	7 48	2 57	0 32	16 28	0 46	14 17	1 25	3 49	0 48	9 19	1 49
M23	17 23	25 58	4 25	22 30	0s 6	11 39	7 53	2 38	0 31	16 24	0 46	14 14	1 25	3 49	0 48	9 19	1 49
T 24	17 6	23 40	4 50	22 29	0 15	11 43	7 56	2 19	0 30	16 20	0 46	14 12	1 25	3 50	0 48	9 19	1 49
W25	16 48	20 6	5 0	22 26	0 23	11 47	7 59	2 1	0 30	16 15	0 46	14 9	1 25	3 51	0 48	9 19	1 49
T 26	16 31	15 27	4 54	22 22	0 31	11 52	8 1	1 42	0 29	16 11	0 46	14 7	1 26	3 52	0 48	9 18	1 49
F 27	16 13	9 59	4 32	22 17	0 39	11 57	8 2	1 23	0 28	16 6	0 46	14 5	1 26	3 52	0 48	9 18	1 49
S 28	15 55	3 59	3 54	22 11	0 46	12 3	8 3	1 4	0 27	16 2	0 46	14 2	1 26	3 53	0 48	9 18	1 49
S 29	15 36	2s17	3 2	22 3	0 53	12 9	8 2	0 46	0 26	15 58	0 46	14 0	1 26	3 54	0 48	9 18	1 49
M30	15 18	8 30	1 58	21 54	1 0	12 15	8 1	0 27	0 25	15 53	0 47	13 57	1 26	3 55	0 48	9 18	1 49
T 31	14s59	14s20	0n47	21s44	1s 7	12s21	7n58	0s 8	0s25	15s49	0s47	13s55	1s26	3n56	0n48	9s18	1n49

Julian Day Number = 2255783.5, Delta T = 06m04s

Ecliptic obliquity = 23°30'38", Nutation = - 0°00'12", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°15'44", Lahiri = 16°22'45" Julian Calendar 1 Jan. 1464 == Greg. Calendar 10 Jan. 1464

ASTRODIENST EPHEMERIS for the year 1464

geocentric

FEBRUARY 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	9 16 53	20 ³⁷ 22	24 ⁴⁷	29 ²¹	0°R 1	1°V20	19 ³³	27 ³	21°R56	28°R33	27°R26	19°R41	19 ⁴⁶	27 ⁵⁷	12 ⁴⁰	W 1
T 2	9 20 49	21°37'54	8 ⁵⁴	0 ⁴⁸	29 ⁴⁵	2° 5	19°48	27°11	21 ⁵⁴	28 ³³	27 ²⁵	19 ⁴⁰	19°43	28° 4	12°44	T 2
F 3	9 24 46	22°38'25	23° 3	2°16	29°32	2°50	20° 2	27°18	21°52	28°32	27°23	19°38	19°40	28°11	12°48	F 3
S 4	9 28 42	23°38'55	7 ³¹	3°45	29°21	3°34	20°16	27°25	21°49	28°32	27°22	19°33	19°37	28°17	12°52	S 4
S 5	9 32 39	24°39'23	21°21	5°15	29°13	4°19	20°31	27°32	21°47	28°32	27°20	19°25	19°33	28°24	12°55	S 5
M 6	9 36 36	25°39'50	5 ²²	6°46	29° 8	5° 4	20°45	27°40	21°45	28°31	27°19	19°14	19°30	28°31	12°59	M 6
T 7	9 40 32	26°40'15	19°13	8°19	29° 4	5°48	21° 0	27°47	21°43	28°31	27°17	19° 2	19°27	28°37	13° 3	T 7
W 8	9 44 29	27°40'38	2 ⁴⁹	9°52	29°D 4	6°33	21°14	27°54	21°40	28°30	27°16	18°49	19°24	28°44	13° 6	W 8
T 9	9 48 25	28°41'00	16° 7	11°26	29° 5	7°17	21°28	28° 2	21°38	28°29	27°14	18°36	19°21	28°51	13°10	T 9
F 10	9 52 22	29°41'20	29° 5	13° 1	29° 9	8° 2	21°43	28° 9	21°36	28°29	27°13	18°26	19°17	28°57	13°13	F 10
S 11	9 56 18	0 ⁴¹ 38	11°V43	14°37	29°16	8°46	21°57	28°16	21°33	28°28	27°11	18°18	19°14	29° 4	13°16	S 11
S 12	10 0 15	1°41'53	24° 2	16°14	29°24	9°31	22°11	28°24	21°31	28°27	27°10	18°13	19°11	29°11	13°19	S 12
M13	10 4 11	2°42'07	6 ⁸	17°53	29°35	10°15	22°26	28°31	21°29	28°27	27° 8	18°11	19° 8	29°17	13°22	M13
T 14	10 8 8	3°42'19	18° 1	19°32	29°48	10°59	22°40	28°38	21°26	28°26	27° 6	18°D10	19° 5	29°24	13°25	T 14
W15	10 12 5	4°42'29	29°49	21°12	0 ³	11°44	22°54	28°45	21°24	28°25	27° 5	18°R10	19° 2	29°30	13°28	W15
T 16	10 16 1	5°42'36	11 ³⁸	22°54	0°20	12°28	23° 9	28°53	21°21	28°24	27° 3	18°10	18°58	29°37	13°31	T 16
F 17	10 19 58	6°42'42	23°32	24°36	0°39	13°12	23°23	29° 0	21°19	28°23	27° 2	18° 9	18°55	29°44	13°34	F 17
S 18	10 23 54	7°42'46	5 ³⁶	26°19	0°59	13°56	23°37	29° 7	21°16	28°23	27° 0	18° 5	18°52	29°50	13°36	S 18
S 19	10 27 51	8°42'47	17°56	28° 4	1°22	14°40	23°51	29°14	21°14	28°22	26°59	17°59	18°49	29°57	13°39	S 19
M20	10 31 47	9°42'46	0 ³⁵	29°50	1°47	15°24	24° 6	29°22	21°11	28°21	26°57	17°51	18°46	0 ¹¹	13°41	M20
T 21	10 35 44	10°42'43	13°35	1 ³⁷	2°13	16° 8	24°20	29°29	21° 9	28°20	26°56	17°41	18°43	0°10	13°43	T 21
W22	10 39 40	11°42'38	26°56	3°25	2°40	16°52	24°34	29°36	21° 6	28°19	26°54	17°29	18°39	0°17	13°46	W22
T 23	10 43 37	12°42'31	10 ³⁶	5°14	3°10	17°36	24°48	29°43	21° 4	28°18	26°53	17°18	18°36	0°24	13°48	T 23
F 24	10 47 34	13°42'22	24°33	7° 4	3°41	18°20	25° 2	29°50	21° 1	28°17	26°52	17° 8	18°33	0°30	13°50	F 24
S 25	10 51 30	14°42'10	8 ⁴²	8°55	4°13	19° 4	25°16	29°58	20°58	28°16	26°50	17° 1	18°30	0°37	13°52	S 25
S 26	10 55 27	15°41'57	22°57	10°48	4°47	19°48	25°30	0 ⁵	20°56	28°15	26°49	16°56	18°27	0°44	13°53	S 26
M27	10 59 23	16°41'43	7 ¹⁶	12°42	5°22	20°31	25°44	0°12	20°53	28°14	26°47	16°54	18°23	0°50	13°55	M27
T 28	11 3 20	17°41'26	21°32	14°36	5°58	21°15	25°58	0°19	20°51	28°12	26°46	16°D53	18°20	0°57	13°57	T 28
W29	11 7 16	18 ⁴¹ 08	5 ⁴⁵	16 ³²	6 ³⁶	21°V59	26 ¹²	0 ²⁶	20 ⁴⁸	28 ¹¹	26 ⁴⁴	16 ⁵⁴	18 ¹⁷	1 ¹¹	13 ⁵⁸	W29

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s40	19s27	0s27	21s33	1s13	12s27	7n56	0n10	0s24	15s44	0s47	13s52	1s26	3n57	0n48	9s18	1n49	24n 5	12n30	17n42	17n44	20n29	17s56	4n29			
T 2	14 20	23 29	1 40	21 20	1 19	12 34	7 52	0 29	0 23	15 40	0 47	13 50	1 26	3 57	0 48	9 17	1 49	24 6	12 31	17 42	17 43	20 31	17 56	4 30			
F 3	14 1	26 6	2 46	21 6	1 25	12 40	7 48	0 47	0 22	15 35	0 47	13 47	1 26	3 58	0 48	9 17	1 49	24 7	12 31	17 42	17 42	20 33	17 56	4 30			
S 4	13 41	27 1	3 43	20 50	1 31	12 47	7 44	1 6	0 21	15 31	0 47	13 45	1 26	3 59	0 48	9 17	1 49	24 7	12 31	17 40	17 41	20 36	17 56	4 31			
S 5	13 21	26 11	4 26	20 33	1 36	12 54	7 39	1 24	0 21	15 26	0 47	13 42	1 26	4 0	0 48	9 17	1 49	24 8	12 31	17 38	17 40	20 38	17 56	4 32			
M 6	13 0	23 42	4 52	20 15	1 40	13 0	7 33	1 43	0 20	15 22	0 47	13 40	1 26	4 1	0 48	9 16	1 49	24 9	12 31	17 35	17 40	20 40	17 55	4 32			
T 7	12 40	19 51	5 0	19 56	1 45	13 7	7 27	2 1	0 19	15 17	0 47	13 37	1 26	4 2	0 48	9 16	1 50	24 9	12 31	17 32	17 39	20 43	17 55	4 33			
W 8	12 19	15 2	4 52	19 35	1 49	13 13	7 21	2 20	0 18	15 13	0 47	13 35	1 26	4 3	0 48	9 16	1 50	24 10	12 31	17 28	17 38	20 45	17 55	4 33			
T 9	11 58	9 35	4 27	19 12	1 53	13 19	7 14	2 38	0 17	15 8	0 47	13 32	1 26	4 4	0 48	9 16	1 50	24 11	12 31	17 25	17 37	20 47	17 55	4 34			
F 10	11 37	3 52	3 49	18 49	1 56	13 25	7 7	2 56	0 17	15 3	0 47	13 30	1 26	4 5	0 48	9 15	1 50	24 11	12 31	17 22	17 36	20 50	17 55	4 35			
S 11	11 16	1n53	3 0	18 24	1 59	13 31	6 59	3 15	0 16	14 59	0 48	13 28	1 26	4 6	0 48	9 15	1 50	24 12	12 31	17 20	17 35	20 52	17 55	4 35			
S 12	10 54	7 25	2 4	17 57	2 2	13 37	6 52	3 33	0 15	14 54	0 48	13 25	1 26	4 7	0 48	9 15	1 50	24 12	12 31	17 18	17 34	20 54	17 54	4 36			
M13	10 33	12 36	1 4	17 29	2 4	13 43	6 44	3 51	0 14	14 50	0 48	13 23	1 26	4 8	0 48	9 15	1 50	24 13	12 31	17 18	17 33	20 57	17 54	4 36			
T 14	10 11	17 14	0 1	17 0	2 6	13 48	6 36	4 9	0 14	14 45	0 48	13 20	1 26	4 8	0 48	9 14	1 50	24 14	12 31	17 18	17 33	20 59	17 54	4 37			
W15	9 49	21 11	1n 2	16 29	2 7	13 53	6 28	4 27	0 13	14 41	0 48	13 18	1 27	4 9	0 48	9 14	1 50	24 14	12 31	17 18	17 32	21 1	17 54	4 38			
T 16	9 27	24 15	2 1	15 57	2 8	13 58	6 19	4 45	0 12	14 36	0 48	13 15	1 27	4 10	0 48	9 14	1 50	24 15	12 31	17 18	17 31	21 4	17 53	4 38			
F 17	9 4	26 17	2 56	15 23	2 9	14 2	6 11	5 3	0 11	14 31	0 48	13 13	1 27	4 11	0 48	9 13	1 50	24 15	12 31	17 17	17 30	21 6	17 53	4 39			
S 18	8 42	27 7	3 44	14 48	2 9	14 6	6 2	5 21	0 10	14 27	0 48	13 10	1 27	4 12	0 48	9 13	1 50	24 16	12 31	17 16	17 29	21 8	17 53	4 39			
S 19	8 20	26 39	4 23	14 12	2 9	14 10	5 54	5 39	0 10	14 22	0 48	13 8	1 27	4 13	0 48	9 12	1 50	24 16	12 31	17 15	17 28	21 10	17 52	4 40			
M20	7 57	24 47	4 49	13 34	2 8	14 13	5 45	5 57	0 9	14 17	0 48	13 5	1 27	4 14	0 48	9 12	1 50	24 17	12 31	17 12	17 27	21 13	17 52	4 41			
T 21	7 34	21 37	5 2	12 55	2 7	14 16	5 36	6 14	0 8	14 13	0 48	13 3	1 27	4 15	0 48	9 12	1 50	24 17	12 31	17 9	17 26	21 15	17 52	4 41			
W22	7 11	17 15	4 59	12 14	2 5	14 18	5 27	6 32	0 7	14 8	0 49	13 0	1 27	4 16	0 48	9 11	1 50	24 18	12 31	17 6	17 26	21 17	17 51	4 42			
T 23	6 49	11 54	4 38	11 32	2 3	14 20	5 18	6 50	0 7	14 4	0 49	12 58	1 27	4 18	0 48	9 11	1 50	24 18	12 31	17 3	17 25	21 19	17 51	4 43			
F 24	6 26	5 52	4 1	10 49	2 1	14 22	5 9	7 7	0 6	13 59	0 49	12 55	1 27	4 19	0 48	9 11	1 50	24 19	12 31	17 0	17 24	21 22	17 50	4 43			
S 25	6 2	0s34	3 9	10 4	1 58	14 23	5 1	7 24	0 5	13 54	0 49	12 53	1 27	4 20	0 48	9 10	1 50	24 19	12 31	16 58	17 23	21 24	17 50	4 44			
S 26	5 39	7 2	2 4	9 18	1 54	14 24	4 52	7 42	0 5	13 50	0 49	12 50	1 27	4 21	0 48	9 10	1 51	24 20	12 31	16 57	17 22	21 26	17 50	4 44			
M27	5 16	13 10	0 51	8 30	1 50	14 25	4 43	7 59	0 4	13 45	0 49	12 48	1 28	4 22	0 48	9 9	1 51	24 20	12 31	16 56	17 21	21 28	17 49	4 45			
T 28	4 53	18 36	0s25	7 42	1 45	14 25	4 34	8 16	0 3	13 40	0 49	12 46	1 28	4 23	0 48	9 9	1 51	24 21	12 31	16 56	17 20	21 31	17 49	4 46			
W29	4s29	22s57	1s39	6s52	1s40	14s24	4n25	8n33	0s 2	13s36	0s49	12s43	1s28	4n24	0n48	9s 8	1n51	24n21	12n31	16n56	17n19	21n33	17s48	4n46			

ASTRODIENST EPHEMERIS for the year 1464
geocentric

MARCH 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	11 11 13	19°40'48	19°52	18°29	7°15	22°42	26°26	0°33	20°R45	28°R10	26°R43	16°R54	18°14	1°11	14°0	T 1
F 2	11 15 9	20°40'27	3°53	20°27	7°55	23°26	26°39	0°40	20°43	28°9	26°42	16°54	18°11	1°17	14°1	F 2
S 3	11 19 6	21°40'04	17°46	22°26	8°36	24°9	26°53	0°47	20°40	28°8	26°40	16°51	18°8	1°23	14°2	S 3
S 4	11 23 3	22°39'39	1°31	24°26	9°19	24°53	27°7	0°54	20°38	28°6	26°39	16°46	18°4	1°30	14°4	S 4
M 5	11 26 59	23°39'12	15°7	26°26	10°2	25°36	27°21	1°1	20°35	28°5	26°38	16°38	18°1	1°37	14°5	M 5
T 6	11 30 56	24°38'43	28°31	28°27	10°46	26°20	27°34	1°8	20°32	28°4	26°36	16°29	17°58	1°43	14°6	T 6
W 7	11 34 52	25°38'12	11°42	0°29	11°31	27°3	27°48	1°15	20°30	28°3	26°35	16°20	17°55	1°50	14°7	W 7
T 8	11 38 49	26°37'39	24°39	2°30	12°17	27°46	28°1	1°22	20°27	28°1	26°34	16°11	17°52	1°57	14°7	T 8
F 9	11 42 45	27°37'04	7°21	4°32	13°4	28°29	28°15	1°28	20°25	28°0	26°32	16°4	17°48	2°3	14°8	F 9
S 10	11 46 42	28°36'27	19°47	6°34	13°52	29°13	28°28	1°35	20°22	27°59	26°31	15°59	17°45	2°10	14°9	S 10
S 11	11 50 38	29°35'48	2°0	8°35	14°40	29°56	28°42	1°42	20°19	27°57	26°30	15°55	17°42	2°17	14°9	S 11
M 12	11 54 35	0°35'07	14°2	10°35	15°30	0°39	28°55	1°49	20°17	27°56	26°29	15°D54	17°39	2°23	14°9	M 12
T 13	11 58 32	1°34'23	25°54	12°33	16°20	1°22	29°9	1°55	20°14	27°54	26°27	15°55	17°36	2°30	14°10	T 13
W 14	12 2 28	2°33'37	7°12	14°31	17°11	2°5	29°22	2°2	20°12	27°53	26°26	15°56	17°33	2°37	14°10	W 14
T 15	12 6 25	3°32'49	19°31	16°26	18°2	2°48	29°35	2°9	20°9	27°51	26°25	15°58	17°29	2°43	14°R10	T 15
F 16	12 10 21	4°31'59	1°25	18°19	18°54	3°31	29°48	2°15	20°7	27°50	26°24	15°R58	17°26	2°50	14°10	F 16
S 17	12 14 18	5°31'06	13°29	20°9	19°47	4°14	0°1	2°22	20°4	27°49	26°23	15°58	17°23	2°57	14°10	S 17
S 18	12 18 14	6°30'11	25°48	21°57	20°40	4°57	0°14	2°28	20°2	27°47	26°22	15°56	17°20	3°3	14°10	S 18
M 19	12 22 11	7°29'14	8°12	23°40	21°34	5°39	0°27	2°35	19°59	27°46	26°21	15°53	17°17	3°10	14°9	M 19
T 20	12 26 7	8°28'14	21°30	25°20	22°28	6°22	0°40	2°41	19°57	27°44	26°19	15°48	17°14	3°17	14°9	T 20
W 21	12 30 4	9°27'12	4°58	26°56	23°23	7°5	0°53	2°47	19°54	27°42	26°18	15°42	17°10	3°23	14°8	W 21
T 22	12 34 1	10°26'08	18°49	28°27	24°19	7°47	1°6	2°54	19°52	27°41	26°17	15°36	17°7	3°30	14°8	T 22
F 23	12 37 57	11°25'01	3°3	29°54	25°15	8°30	1°18	3°0	19°50	27°39	26°16	15°31	17°4	3°36	14°7	F 23
S 24	12 41 54	12°23'52	17°33	1°15	26°11	9°13	1°31	3°6	19°47	27°38	26°15	15°27	17°1	3°43	14°6	S 24
S 25	12 45 50	13°22'42	2°14	2°31	27°8	9°55	1°44	3°12	19°45	27°36	26°14	15°25	16°58	3°50	14°5	S 25
M 26	12 49 47	14°21'29	16°58	3°42	28°5	10°38	1°56	3°19	19°43	27°35	26°14	15°D25	16°54	3°56	14°4	M 26
T 27	12 53 43	15°20'15	1°40	4°48	29°3	11°20	2°8	3°25	19°40	27°33	26°13	15°25	16°51	4°3	14°3	T 27
W 28	12 57 40	16°18'59	16°12	5°47	0°1	12°2	2°21	3°31	19°38	27°32	26°12	15°27	16°48	4°10	14°2	W 28
T 29	13 1 36	17°17'42	0°33	6°41	1°0	12°45	2°33	3°37	19°36	27°30	26°11	15°28	16°45	4°16	14°1	T 29
F 30	13 5 33	18°16'22	14°38	7°29	1°59	13°27	2°45	3°43	19°34	27°28	26°10	15°R29	16°42	4°23	14°0	F 30
S 31	13 9 30	19°15'01	28°38	8°11	2°59	14°8	2°57	3°48	19°32	27°27	26°9	15°R29	16°39	4°23	13°58	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
T 1	4s 6	25s54	2s47	6s 0	1s34	14s23	4n16	8n50	0s 2	13s31	0s50	12s41	1s28	4n25	0n48	9s 8	1n51	24n22	12n31	16n56	17n19	21n35	17s48	4n47	
F 2	3 42	27 11	3 44	5 8	1 28	14 21	4 7	9 7	0 1	13 27	0 50	12 38	1 28	4 26	0 48	9 7	1 51	24 22	12 31	16 56	17 18	21 37	17 47	4 48	
S 3	3 19	26 45	4 28	4 15	1 21	14 19	3 59	9 24	0 0	13 22	0 50	12 36	1 28	4 27	0 48	9 7	1 51	24 22	12 31	16 55	17 17	21 40	17 47	4 48	
S 4	2 55	24 41	4 55	3 20	1 13	14 17	3 50	9 40	0n 1	13 17	0 50	12 34	1 28	4 28	0 48	9 6	1 51	24 23	12 31	16 54	17 16	21 42	17 46	4 49	
M 5	2 32	21 13	5 6	2 25	1 5	14 14	3 42	9 57	0 1	13 13	0 50	12 31	1 28	4 29	0 48	9 6	1 51	24 23	12 31	16 52	17 15	21 44	17 46	4 50	
T 6	2 8	16 42	4 59	1 29	0 57	14 10	3 33	10 13	0 2	13 8	0 50	12 29	1 28	4 30	0 48	9 5	1 51	24 24	12 31	16 49	17 14	21 46	17 45	4 50	
W 7	1 44	11 27	4 37	0 32	0 48	14 6	3 25	10 30	0 3	13 4	0 50	12 26	1 28	4 31	0 48	9 5	1 51	24 24	12 30	16 46	17 13	21 48	17 45	4 51	
T 8	1 21	5 49	4 1	0n25	0 38	14 1	3 16	10 46	0 3	12 59	0 50	12 24	1 29	4 32	0 48	9 4	1 51	24 24	12 30	16 44	17 12	21 51	17 44	4 52	
F 9	0 57	0 2	3 13	1 23	0 28	13 56	3 8	11 2	0 4	12 54	0 51	12 22	1 29	4 33	0 48	9 4	1 51	24 25	12 30	16 42	17 11	21 53	17 44	4 52	
S 10	0 33	5n40	2 16	2 20	0 18	13 51	3 0	11 18	0 5	12 50	0 51	12 19	1 29	4 34	0 48	9 3	1 51	24 25	12 30	16 40	17 11	21 55	17 43	4 53	
S 11	0 10	11 2	1 15	3 18	0 7	13 45	2 51	11 34	0 5	12 45	0 51	12 17	1 29	4 35	0 48	9 3	1 51	24 25	12 30	16 39	17 10	21 57	17 42	4 54	
M 12	0n14	15 56	0 10	4 16	0n 4	13 38	2 43	11 50	0 6	12 41	0 51	12 15	1 29	4 36	0 48	9 2	1 51	24 26	12 30	16 39	17 9	21 59	17 42	4 54	
T 13	0 38	20 10	0n54	5 13	0 16	13 31	2 35	12 5	0 7	12 36	0 51	12 13	1 29	4 37	0 48	9 2	1 51	24 26	12 30	16 39	17 8	22 1	17 41	4 55	
W 14	1 1	23 34	1 56	6 9	0 27	13 23	2 28	12 21	0 7	12 32	0 51	12 10	1 29	4 38	0 48	9 1	1 51	24 26	12 30	16 39	17 7	22 4	17 41	4 55	
T 15	1 25	25 57	2 52	7 5	0 39	13 15	2 20	12 36	0 8	12 27	0 51	12 8	1 29	4 39	0 48	9 1	1 51	24 26	12 29	16 40	17 6	22 6	17 40	4 56	
F 16	1 48	27 12	3 42	7 59	0 51	13 7	2 12	12 52	0 9	12 23	0 52	12 6	1 30	4 40	0 48	9 0	1 51	24 27	12 29	16 40	17 5	22 8	17 39	4 57	
S 17	2 12	27 11	4 23	8 52	1 3	12 58	2 4	13 7	0 9	12 18	0 52	12 4	1 30	4 41	0 48	9 0	1 51	24 27	12 29	16 40	17 4	22 10	17 39	4 57	
S 18	2 35	25 50	4 52	9 43	1 14	12 48	1 57	13 22	0 10	12 14	0 52	12 1	1 30	4 42	0 48	8 59	1 51	24 27	12 29	16 39	17 3	22 12	17 38	4 58	
M 19	2 59	23 9	5 8	10 33	1 26	12 38	1 50	13 37	0 11	12 9	0 52	11 59	1 30	4 43	0 48	8 59	1 51	24 27	12 29	16 38	17 3	22 14	17 37	4 59	
T 20	3 22	19 15	5 9	11 20	1 37	12 27	1 42	13 52	0 11	12 5	0 52	11 57	1 30	4 44	0 48	8 58	1 51	24 28	12 29	16 37	17 2	22 16	17 37	4 59	
W 21	3 45	14 16	4 54	12 5	1 48	12 16	1 35	14 6	0 12	12 0	0 52	11 55	1 30	4 45	0 48	8 57	1 51	24 28	12 28	16 35	17 1	22 18	17 36	5 0	
T 22	4 9	8 26	4 21	12 48	1 58	12 5	1 28	14 21	0 13	11 56	0 52	11 53	1 30	4 46	0 48	8 57	1 51	24 28	12 28	16 34	17 0	22 21	17 35	5 1	
F 23	4 32	2 1	3 31	13 28	2 8	11 53	1 21	14 35	0 13	11 52	0 53	11 50	1 31	4 47	0 48	8 56	1 51	24 28	12 28	16 32	16 59	22 23	17 35	5 1	
S 24	4 55	4s39	2 26	14 5	2 17	11 40	1 14	14 50	0 14	11 47	0 53	11 48	1 31	4 47	0 48	8 56	1 51	24 28	12 28	16 31	16 58	22 25	17 34	5 2	
S 25	5 18	11 10	1 12	14 40	2 26	11 27	1 7	15 4	0 15	11 43	0 53	11 46	1 31	4 48	0 48	8 55	1 51	24 29	12 28	16 30	16 57	22 27	17 33	5 2	
M 26	5 41	17 5	0s 9	15 12	2 33	11 14	1 1	15 18	0 15	11 39	0 53	11 44	1 31	4 49	0 48	8 55	1 51	24 29	12 27	16 30	16 56	22 29	17 32	5 3	
T 27	6 3	21 59	1 28	15 40	2 40	11 0	0 54	15 32	0 16	11 34	0 53	11 42	1 31	4 50	0 48	8 54	1 51	24 29	12 27	16 31	16 55	22 31	17 32	5 4	
W 28	6 26	25 28	2 41	16 6	2 46	10 45	0 48	15 45	0 16	11 30	0 53	11 40	1 31	4 51	0 48	8 53	1 51	24 29	12 27	16 31	16 54	22 33	17 31	5 4	
T 29	6 49	27 13	3 43	16 29	2 51	10 31	0 41	15 59	0 17	11 26	0 54	11 38	1 31	4 52	0 48	8 53	1 52	24 29	12 27	16 31	16 53	22 35	17 30	5 5	
F 30	7 11	27 11	4 30	16 48	2 55	10 15	0 35	16 12	0 18	11 22	0 54	11 36	1 32	4 53	0 48	8 52	1 52	24 29	12 26	16 32	16 53	22 37	17 29	5 6	
S 31	7n33	25s26	5s 0	17n 5	2n58	10s 0	0n29	16n26	0n18	11s17	0s54	11s34	1s32	4n53	0n48	8s52	1n52	24n29	12n26	16n31	16n52	22n39	17s29	5n 6	

ASTRODIENST EPHEMERIS for the year 1464

geocentric

APRIL 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 13 26	20°13'39	12°1'1	8°47	3°58	14°51	3°9	3°54	19°29	27°25	26°8	15°27	16°35	4°36	13°57	S 1
M 2	13 17 23	21°12'14	25°19	9°17	4°59	15°34	3°21	4°0	19°27	27°23	26°8	15°25	16°32	4°43	13°55	M 2
T 3	13 21 19	22°10'48	8°21	9°40	5°59	16°16	3°33	4°6	19°25	27°22	26°7	15°21	16°29	4°50	13°53	T 3
W 4	13 25 16	23°9'20	21°10	9°58	7°0	16°58	3°45	4°11	19°23	27°20	26°6	15°18	16°26	4°56	13°52	W 4
T 5	13 29 12	24°7'50	3°46	10°10	8°1	17°40	3°57	4°17	19°21	27°19	26°6	15°15	16°23	5°3	13°50	T 5
F 6	13 33 9	25°6'18	16°9	10°15	9°2	18°22	4°8	4°22	19°19	27°17	26°5	15°12	16°20	5°10	13°48	F 6
S 7	13 37 5	26°4'45	28°22	10°R15	10°4	19°4	4°20	4°28	19°17	27°15	26°4	15°10	16°16	5°16	13°46	S 7
S 8	13 41 2	27°3'10	10°25	10°10	11°6	19°46	4°31	4°33	19°15	27°14	26°4	15°D 9	16°13	5°23	13°44	S 8
M 9	13 44 58	28°1'33	22°20	9°59	12°8	20°27	4°43	4°39	19°14	27°12	26°3	15°9	16°10	5°30	13°41	M 9
T 10	13 48 55	28°59'53	4°10	9°43	13°11	21°9	4°54	4°44	19°12	27°10	26°3	15°10	16°7	5°36	13°39	T 10
W 11	13 52 52	29°58'12	15°57	9°23	14°14	21°51	5°5	4°49	19°10	27°9	26°2	15°11	16°4	5°43	13°37	W 11
T 12	13 56 48	0°56'29	27°46	8°58	15°17	22°33	5°16	4°54	19°8	27°7	26°2	15°13	16°0	5°49	13°34	T 12
F 13	14 0 45	1°54'44	9°40	8°30	16°20	23°14	5°27	4°59	19°6	27°5	26°1	15°14	15°57	5°56	13°32	F 13
S 14	14 4 41	2°52'57	21°44	7°58	17°24	23°56	5°38	5°4	19°5	27°4	26°1	15°15	15°54	6°3	13°29	S 14
S 15	14 8 38	3°51'08	4°1	7°24	18°27	24°38	5°49	5°9	19°3	27°2	26°0	15°R15	15°51	6°9	13°27	S 15
M 16	14 12 34	4°49'17	16°38	6°48	19°31	25°19	5°59	5°14	19°2	27°1	26°0	15°15	15°48	6°16	13°24	M 16
T 17	14 16 31	5°47'24	29°37	6°10	20°35	26°1	6°10	5°19	19°0	26°59	26°0	15°14	15°45	6°23	13°21	T 17
W 18	14 20 27	6°45'29	13°11	5°33	21°40	26°42	6°20	5°24	18°59	26°57	25°59	15°13	15°41	6°29	13°18	W 18
T 19	14 24 24	7°43'31	26°52	4°55	22°44	27°23	6°31	5°28	18°57	26°56	25°59	15°12	15°38	6°36	13°15	T 19
F 20	14 28 21	8°41'32	11°9	4°18	23°49	28°5	6°41	5°33	18°56	26°54	25°59	15°11	15°35	6°43	13°12	F 20
S 21	14 32 17	9°39'31	25°48	3°42	24°54	28°46	6°51	5°37	18°54	26°53	25°58	15°11	15°32	6°49	13°9	S 21
S 22	14 36 14	10°37'29	10°43	3°9	25°59	29°27	7°1	5°42	18°53	26°51	25°58	15°D11	15°29	6°56	13°6	S 22
M 23	14 40 10	11°35'25	25°47	2°38	27°4	0°11	7°11	5°46	18°52	26°49	25°58	15°11	15°25	7°3	13°3	M 23
T 24	14 44 7	12°33'19	10°51	2°9	28°10	0°50	7°21	5°50	18°51	26°48	25°58	15°11	15°22	7°9	13°0	T 24
W 25	14 48 3	13°31'12	25°46	1°45	29°16	1°31	7°30	5°54	18°49	26°46	25°58	15°11	15°19	7°16	12°56	W 25
T 26	14 52 0	14°29'04	10°25	1°24	0°Y21	2°12	7°40	5°59	18°48	26°45	25°58	15°11	15°16	7°23	12°53	T 26
F 27	14 55 56	15°26'55	24°44	1°7	1°27	2°53	7°49	6°3	18°47	26°43	25°58	15°R11	15°13	7°29	12°49	F 27
S 28	14 59 53	16°24'44	8°40	0°54	2°34	3°34	7°59	6°7	18°46	26°42	25°D58	15°11	15°10	7°36	12°46	S 28
S 29	15 3 50	17°22'32	22°13	0°46	3°40	4°15	8°8	6°10	18°45	26°40	25°58	15°D11	15°6	7°43	12°42	S 29
M 30	15 7 46	18°20'19	5°24	0°D43	4°Y46	4°15	8°17	6°14	18°44	26°39	25°58	15°B11	15°3	7°49	12°39	M 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7n56	22s15	5s14	17n18	3n 0	9s44	0n23	16n39	0n19	11s13	0s54	11s32	1s32	4n54	0n48	S 1
M 2	8 18	17 58	5 10	17 28	3 0	9 27	0 17	16 52	0 20	11 9	0 54	11 30	1 32	4 55	0 48	M 2
T 3	8 40	12 56	4 49	17 35	3 0	9 10	0 11	17 4	0 20	11 5	0 55	11 28	1 32	4 56	0 48	T 3
W 4	9 1	7 25	4 15	17 39	2 58	8 53	0 5	17 17	0 21	11 1	0 55	11 26	1 32	4 57	0 48	W 4
T 5	9 23	1 41	3 29	17 40	2 54	8 35	0s 0	17 29	0 21	10 57	0 55	11 24	1 33	4 57	0 48	T 5
F 6	9 45	4n 1	2 33	17 37	2 50	8 17	0 5	17 42	0 22	10 53	0 55	11 22	1 33	4 58	0 48	F 6
S 7	10 6	9 30	1 31	17 32	2 44	7 59	0 11	17 54	0 22	10 48	0 55	11 21	1 33	4 59	0 48	S 7
S 8	10 27	14 34	0 26	17 23	2 37	7 40	0 16	18 6	0 23	10 44	0 55	11 19	1 33	5 0	0 48	S 8
M 9	10 48	19 3	0n40	17 12	2 28	7 21	0 21	18 18	0 24	10 41	0 56	11 17	1 33	5 0	0 48	M 9
T 10	11 9	22 44	1 43	16 57	2 18	7 2	0 26	18 29	0 24	10 37	0 56	11 15	1 33	5 1	0 48	T 10
W 11	11 30	25 28	2 42	16 40	2 7	6 42	0 31	18 41	0 25	10 33	0 56	11 14	1 34	5 2	0 48	W 11
T 12	11 50	27 4	3 35	16 20	1 55	6 22	0 36	18 52	0 25	10 29	0 56	11 12	1 34	5 2	0 47	T 12
F 13	12 10	27 27	4 18	15 58	1 41	6 1	0 40	19 3	0 26	10 25	0 56	11 10	1 34	5 3	0 47	F 13
S 14	12 31	26 32	4 51	15 35	1 27	5 41	0 45	19 14	0 26	10 21	0 57	11 8	1 34	5 4	0 47	S 14
S 15	12 50	24 20	5 11	15 9	1 12	5 20	0 49	19 25	0 27	10 17	0 57	11 7	1 34	5 4	0 47	S 15
M 16	13 10	20 56	5 17	14 42	0 56	4 59	0 53	19 36	0 28	10 14	0 57	11 5	1 35	5 5	0 47	M 16
T 17	13 29	16 26	5 7	14 14	0 39	4 37	0 57	19 46	0 28	10 10	0 57	11 4	1 35	5 5	0 47	T 17
W 18	13 49	11 0	4 41	13 45	0 22	4 15	1 1	19 56	0 29	10 6	0 57	11 2	1 35	5 6	0 47	W 18
T 19	14 8	4 52	3 57	13 16	0 5	3 53	1 5	20 7	0 29	10 3	0 58	11 0	1 35	5 7	0 47	T 19
F 20	14 26	1s42	2 58	12 48	0s13	3 31	1 9	20 16	0 30	9 59	0 58	10 59	1 35	5 7	0 47	F 20
S 21	14 45	8 22	1 46	12 19	0 30	3 9	1 13	20 26	0 30	9 55	0 58	10 57	1 36	5 8	0 47	S 21
S 22	15 3	14 42	0 25	11 52	0 47	2 46	1 16	20 36	0 31	9 52	0 58	10 56	1 36	5 8	0 47	S 22
M 23	15 21	20 13	0s59	11 26	1 3	2 23	1 20	20 45	0 31	9 48	0 59	10 55	1 36	5 8	0 47	M 23
T 24	15 39	24 25	2 18	11 1	1 20	2 0	1 23	20 54	0 32	9 45	0 59	10 53	1 36	5 9	0 47	T 24
W 25	15 57	26 53	3 27	10 38	1 35	1 37	1 26	21 3	0 32	9 42	0 59	10 52	1 36	5 9	0 47	W 25
T 26	16 14	27 26	4 21	10 17	1 50	1 13	1 29	21 12	0 33	9 38	0 59	10 51	1 37	5 10	0 47	T 26
F 27	16 31	26 7	4 58	9 58	2 3	0 50	1 32	21 21	0 33	9 35	0 59	10 49	1 37	5 10	0 47	F 27
S 28	16 48	23 13	5 16	9 42	2 16	0 26	1 35	21 29	0 34	9 32	1 0	10 48	1 37	5 11	0 47	S 28
S 29	17 4	19 7	5 15	9 28	2 28	0 2	1 38	21 37	0 34	9 28	1 0	10 47	1 37	5 11	0 47	S 29
M 30	17n20	14s11	4s58	9n16	2s39	0n22	1s40	21n45	0n35	9s25	1s 0	10s46	1s37	5n11	0n47	M 30

Julian Day Number = 2255874.5, Delta T = 06m03s

Ecliptic obliquity = 23°30'39", Nutation = - 0°00'13, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°15'57, Lahiri = 16°22'57 Julian Calendar 1 Apr. 1464 == Greg. Calendar 10 Apr. 1464

ASTRODIENST EPHEMERIS for the year 1464
geocentric

MAY 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	15 11 43	19♌18°05	18♋15	0♊43	5♑53	5♐37	8♎26	6♏18	18°R43	26°R37	25♏58	15♌11	15♌0	7♐56	12°R35	T 1
W 2	15 15 39	20°15'49	0♑49	0°49	7° 0	6°18	8°35	6°22	18♎43	26♏36	25°58	15°12	14°57	8° 3	12♌31	W 2
T 3	15 19 36	21°13'33	13° 9	0°59	8° 6	6°59	8°43	6°25	18°42	26°34	25°58	15°13	14°54	8° 9	12°28	T 3
F 4	15 23 32	22°11'15	25°17	1°13	9°13	7°39	8°52	6°29	18°41	26°33	25°58	15°13	14°51	8°16	12°24	F 4
S 5	15 27 29	23° 8'56	7♌17	1°32	10°21	8°20	9° 0	6°32	18°40	26°31	25°58	15°14	14°47	8°23	12°20	S 5
S 6	15 31 25	24° 6'36	19°11	1°56	11°28	9° 1	9° 8	6°35	18°40	26°30	25°59	15°R14	14°44	8°29	12°16	S 6
M 7	15 35 22	25° 4'14	1♐1	2°23	12°35	9°42	9°17	6°38	18°39	26°29	25°59	15°13	14°41	8°36	12°12	M 7
T 8	15 39 19	26° 1'52	12°49	2°55	13°43	10°22	9°25	6°42	18°39	26°27	25°59	15°12	14°38	8°43	12° 9	T 8
W 9	15 43 15	26°59'28	24°37	3°31	14°50	11° 3	9°32	6°45	18°38	26°26	25°59	15°11	14°35	8°49	12° 5	W 9
T 10	15 47 12	27°57'02	6♌28	4°10	15°58	11°43	9°40	6°47	18°38	26°24	26° 0	15° 9	14°31	8°56	12° 1	T 10
F 11	15 51 8	28°54'36	18°25	4°54	17° 6	12°24	9°48	6°50	18°37	26°23	26° 0	15° 7	14°28	9° 3	11°57	F 11
S 12	15 55 5	29°52'08	0♑32	5°41	18°14	13° 5	9°55	6°53	18°37	26°22	26° 0	15° 5	14°25	9° 9	11°53	S 12
S 13	15 59 1	0♐49'39	12°50	6°32	19°22	13°45	10° 2	6°56	18°37	26°21	26° 1	15° 4	14°22	9°16	11°49	S 13
M14	16 2 58	1°47'08	25°25	7°26	20°30	14°25	10°10	6°58	18°37	26°19	26° 1	15° 3	14°19	9°23	11°44	M14
T 15	16 6 55	2°44'36	8♎19	8°24	21°38	15° 6	10°17	7° 1	18°36	26°18	26° 2	15°D 3	14°16	9°29	11°40	T 15
W16	16 10 51	3°42'03	21°36	9°25	22°46	15°46	10°23	7° 3	18°36	26°17	26° 2	15° 4	14°12	9°36	11°36	W16
T 17	16 14 48	4°39'28	5♌19	10°30	23°54	16°26	10°30	7° 5	18°36	26°16	26° 3	15° 5	14° 9	9°42	11°32	T 17
F 18	16 18 44	5°36'52	19°29	11°37	25° 3	17° 7	10°37	7° 8	18°D36	26°14	26° 3	15° 6	14° 6	9°49	11°28	F 18
S 19	16 22 41	6°34'15	4♎3	12°48	26°11	17°47	10°43	7°10	18°36	26°13	26° 4	15° 7	14° 3	9°56	11°24	S 19
S 20	16 26 37	7°31'37	18°58	14° 2	27°20	18°27	10°49	7°12	18°36	26°12	26° 5	15°R 7	14° 0	10° 2	11°20	S 20
M21	16 30 34	8°28'58	4♌7	15°18	28°29	19° 7	10°55	7°14	18°37	26°11	26° 5	15° 7	13°57	10° 9	11°16	M21
T 22	16 34 30	9°26'19	19°21	16°38	29°38	19°47	11° 1	7°15	18°37	26°10	26° 6	15° 5	13°53	10°16	11°11	T 22
W23	16 38 27	10°23'38	4♌30	18° 1	0♊47	20°27	11° 7	7°17	18°37	26° 9	26° 7	15° 2	13°50	10°22	11° 7	W23
T 24	16 42 24	11°20'57	19°25	19°26	1°56	21° 8	11°13	7°19	18°37	26° 8	26° 7	14°58	13°47	10°29	11° 3	T 24
F 25	16 46 20	12°18'15	3♌58	20°55	3° 5	21°48	11°18	7°20	18°38	26° 7	26° 8	14°55	13°44	10°36	10°59	F 25
S 26	16 50 17	13°15'33	18° 5	22°26	4°14	22°28	11°23	7°22	18°38	26° 6	26° 9	14°52	13°41	10°42	10°55	S 26
S 27	16 54 13	14°12'50	1♋44	24° 1	5°23	23° 8	11°28	7°23	18°39	26° 5	26°10	14°50	13°37	10°49	10°51	S 27
M28	16 58 10	15°10'07	14°56	25°38	6°32	23°47	11°33	7°24	18°39	26° 4	26°11	14°D49	13°34	10°56	10°46	M28
T 29	17 2 6	16° 7'24	27°44	27°18	7°42	24°27	11°38	7°25	18°40	26° 3	26°12	14°50	13°31	11° 2	10°42	T 29
W30	17 6 3	17° 4'40	10♑12	29° 0	8°51	25° 7	11°42	7°27	18°40	26° 2	26°13	14°51	13°28	11° 9	10°38	W30
T 31	17 9 59	18♐1'56	22♑24	0♐46	10♌1	25♐47	11♋47	7♋27	18♎41	26♏1	26♏13	14♌53	13♌25	11♐16	10♌34	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n36	8s45	4s26	9n 7	2s49	0n46	1s43	21n53	0n35	9s22	1s 0	10s44	1s38	5n11	0n47	8s34	1n51	24n25	12n18	16n26	16n23	23n41	17s 3	5n22
W 2	17 52	3 5	3 42	9 0	2 58	1 11	1 45	22 1	0 36	9 19	1 1	10 43	1 38	5 12	0 47	8 33	1 51	24 25	12 17	16 27	16 22	23 43	17 2	5 23
T 3	18 7	2n37	2 49	8 56	3 6	1 35	1 47	22 8	0 36	9 16	1 1	10 42	1 38	5 12	0 47	8 33	1 51	24 25	12 17	16 27	16 21	23 45	17 1	5 23
F 4	18 22	8 8	1 48	8 55	3 13	1 59	1 49	22 15	0 37	9 13	1 1	10 41	1 38	5 12	0 47	8 32	1 51	24 24	12 17	16 27	16 20	23 46	17 0	5 23
S 5	18 37	13 18	0 44	8 56	3 19	2 24	1 51	22 23	0 37	9 10	1 1	10 40	1 39	5 13	0 47	8 32	1 51	24 24	12 17	16 27	16 19	23 48	16 59	5 24
S 6	18 51	17 55	0n22	8 59	3 24	2 49	1 53	22 29	0 38	9 7	1 2	10 39	1 39	5 13	0 47	8 31	1 51	24 24	12 16	16 27	16 18	23 50	16 59	5 24
M 7	19 5	21 50	1 26	9 5	3 28	3 13	1 55	22 36	0 38	9 4	1 2	10 38	1 39	5 13	0 47	8 31	1 51	24 23	12 16	16 27	16 17	23 52	16 58	5 24
T 8	19 19	24 50	2 27	9 13	3 31	3 38	1 57	22 43	0 39	9 1	1 2	10 37	1 39	5 13	0 47	8 30	1 51	24 23	12 16	16 27	16 17	23 54	16 57	5 25
W 9	19 33	26 45	3 21	9 23	3 33	4 3	1 58	22 49	0 39	8 59	1 2	10 36	1 39	5 13	0 46	8 30	1 51	24 23	12 15	16 26	16 16	23 56	16 56	5 25
T 10	19 46	27 28	4 7	9 35	3 35	4 27	2 0	22 55	0 40	8 56	1 3	10 35	1 40	5 13	0 46	8 30	1 51	24 22	12 15	16 26	16 15	23 58	16 55	5 25
F 11	19 59	26 54	4 43	9 49	3 35	4 52	2 1	23 1	0 40	8 53	1 3	10 34	1 40	5 13	0 46	8 29	1 51	24 22	12 15	16 25	16 14	23 59	16 54	5 26
S 12	20 11	25 4	5 6	10 5	3 35	5 17	2 2	23 6	0 41	8 51	1 3	10 34	1 40	5 14	0 46	8 29	1 51	24 21	12 14	16 25	16 13	24 1	16 54	5 26
S 13	20 23	22 3	5 16	10 22	3 34	5 42	2 3	23 12	0 41	8 48	1 3	10 33	1 40	5 14	0 46	8 28	1 51	24 21	12 14	16 24	16 12	24 3	16 53	5 26
M14	20 35	17 58	5 11	10 42	3 32	6 6	2 4	23 17	0 41	8 46	1 4	10 32	1 41	5 14	0 46	8 28	1 51	24 20	12 14	16 24	16 11	24 5	16 52	5 27
T 15	20 46	12 58	4 51	11 3	3 29	6 31	2 5	23 22	0 42	8 43	1 4	10 31	1 41	5 14	0 46	8 27	1 51	24 20	12 14	16 24	16 10	24 7	16 51	5 27
W16	20 57	7 14	4 14	11 26	3 25	6 56	2 6	23 27	0 42	8 41	1 4	10 31	1 41	5 14	0 46	8 27	1 51	24 20	12 13	16 24	16 9	24 8	16 50	5 27
T 17	21 8	0 59	3 22	11 50	3 21	7 20	2 7	23 32	0 43	8 39	1 5	10 30	1 41	5 14	0 46	8 27	1 51	24 19	12 13	16 25	16 8	24 10	16 50	5 27
F 18	21 18	5s32	2 17	12 15	3 16	7 45	2 7	23 36	0 43	8 37	1 5	10 29	1 41	5 14	0 46	8 26	1 51	24 19	12 13	16 25	16 7	24 12	16 49	5 28
S 19	21 28	11 57	1 1	12 41	3 11	8 9	2 8	23 40	0 44	8 34	1 5	10 29	1 42	5 14	0 46	8 26	1 51	24 18	12 12	16 25	16 6	24 14	16 48	5 28
S 20	21 38	17 51	0s21	13 9	3 5	8 34	2 8	23 44	0 44	8 32	1 5	10 28	1 42	5 14	0 46	8 25	1 51	24 18	12 12	16 25	16 5	24 16	16 47	5 28
M21	21 47	22 43	1 43	13 38	2 58	8 58	2 9	23 48	0 45	8 30	1 6	10 28	1 42	5 13	0 46	8 25	1 51	24 17	12 12	16 25	16 4	24 17	16 47	5 28
T 22	21 56	26 2	2 57	14 7	2 51	9 22	2 9	23 52	0 45	8 28	1 6	10 27	1 42	5 13	0 46	8 25	1 51	24 17	12 12	16 24	16 3	24 19	16 46	5 28
W23	22 4	27 25	3 59	14 38	2 43	9 46	2 9	23 55	0 45	8 26	1 6	10 27	1 43	5 13	0 46	8 24	1 51	24 16	12 11	16 24	16 2	24 21	16 45	5 29
T 24	22 12	26 46	4 43	15 9	2 35	10 10	2 9	23 58	0 46	8 24	1 6	10 26	1 43	5 13	0 46	8 24	1 51	24 16	12 11	16 23	16 1	24 23	16 44	5 29
F 25	22 20	24 18	5 8	15 41	2 26	10 33	2 9	24 1	0 46	8 23	1 7	10 26	1 43	5 13	0 46	8 24	1 51	24 15	12 11	16 22	16 0	24 24	16 44	5 29
S 26	22 27	20 25	5 13	16 13	2 17	10 57	2 9	24 4	0 47	8 21	1 7	10 26	1 43	5 13	0 46	8 23	1 51	24 14	12 10	16 21	15 59	24 26	16 43	5 29
S 27	22 34	15 33	5 0	16 46	2 8	11 20	2 8	24 7	0 47	8 19	1 7	10 26	1 44	5 12	0 46	8 23	1 50	24 14	12 10	16 20	15 59	24 28	16 42	5 29
M28	22 41	10 7	4 32	17 19	1 58	11 43	2 8	24 9	0 47	8 18	1 8	10 25	1 44	5 12	0 46	8 23	1 50	24 13	12 10	16 20	15 58	24 30	16 41	5 29
T 29	22 47	4 25	3 50	17 52	1 47	12 6	2 8	24 11	0 48	8 16	1 8	10 25	1 44	5 12	0 46	8 22	1 50	24 13	12 10	16 20	15 57	24 31	16 41	5 30
W30	22 53	1n19	2 59	18 25	1 37	12 29	2 7	24 13	0 48	8 15	1 8	10 25	1 44	5 12	0 46	8 22	1 50	24 12	12 9	16 20	15 56	24 33	16 40	5 30
T 31	22n58	6n53	2s 0	18n58	1s26	12n52	2s 6	24n15	0n49	8s13	1s 8	10s25	1s45	5n11	0n46	8s22	1n50	24n12	12n 9	16n21	15n55	24n35	16s39	5n30

Julian Day Number = 2255904.5, Delta T = 06m03s
Ecliptic obliquity = 23°30'38", Nutation = - 0°00'13", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°16'01", Lahiri = 16°23'01" Julian Calendar 1 May 1464 == Greg. Calendar 10 May 1464

ASTRODIENST EPHEMERIS for the year 1464
geocentric

JUNE 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	17 13 56	18II59°11	4824	2II34	11810	26II27	11851	7828	18842	26°R 0	26814	14854	13822	11II22	10°R30	F 1
S 2	17 17 53	19°56'27	16°16	4°25	12°20	27° 7	11°55	7°29	18°43	25°59	26°15	14°R55	13°18	11°29	10°26	S 2
S 3	17 21 49	20°53'42	28° 4	6°18	13°30	27°46	11°59	7°30	18°43	25°59	26°16	14°54	13°15	11°36	10°22	S 3
M 4	17 25 46	21°50'56	9II52	8°14	14°40	28°26	12° 3	7°30	18°44	25°58	26°17	14°51	13°12	11°42	10°18	M 4
T 5	17 29 42	22°48'11	21°40	10°12	15°50	29° 6	12° 6	7°31	18°45	25°57	26°18	14°47	13° 9	11°49	10°14	T 5
W 6	17 33 39	23°45'25	3833	12°13	17° 0	29°45	12° 9	7°31	18°46	25°56	26°20	14°41	13° 6	11°56	10°10	W 6
T 7	17 37 35	24°42'38	15°30	14°15	18°10	0825	12°13	7°31	18°47	25°56	26°21	14°34	13° 3	12° 2	10° 6	T 7
F 8	17 41 32	25°39'52	27°35	16°20	19°20	1° 5	12°16	7°31	18°48	25°55	26°22	14°26	12°59	12° 9	10° 2	F 8
S 9	17 45 28	26°37'04	9824	18°26	20°30	1°44	12°18	7°R31	18°50	25°55	26°23	14°19	12°56	12°16	9°58	S 9
S 10	17 49 25	27°34'17	22°13	20°33	21°40	2°24	12°21	7°31	18°51	25°54	26°24	14°13	12°53	12°22	9°54	S 10
M11	17 53 22	28°31'29	4851	22°42	22°50	3° 3	12°23	7°31	18°52	25°53	26°25	14° 9	12°50	12°29	9°50	M11
T 12	17 57 18	29°28'40	17°46	24°52	24° 1	3°43	12°25	7°31	18°53	25°53	26°27	14° 7	12°47	12°36	9°47	T 12
W13	18 1 15	0825°51	0859	27° 2	25°11	4°22	12°27	7°31	18°55	25°52	26°28	14°D 6	12°43	12°42	9°43	W13
T 14	18 5 11	1°23'01	14°33	29°13	26°21	5° 2	12°29	7°30	18°56	25°52	26°29	14° 7	12°40	12°49	9°39	T 14
F 15	18 9 8	2°20'11	28°31	1823	27°32	5°41	12°31	7°30	18°58	25°51	26°30	14° 8	12°37	12°56	9°36	F 15
S 16	18 13 4	3°17'21	12852	3°34	28°42	6°20	12°32	7°29	18°59	25°51	26°32	14°R 8	12°34	13° 2	9°32	S 16
S 17	18 17 1	4°14'31	27°35	5°44	29°53	7° 0	12°34	7°28	19° 1	25°51	26°33	14° 8	12°31	13° 9	9°28	S 17
M18	18 20 57	5°11'40	12834	7°53	1II 4	7°39	12°35	7°27	19° 2	25°50	26°35	14° 5	12°28	13°16	9°25	M18
T 19	18 24 54	6° 8'50	27°43	10° 2	2°14	8°18	12°36	7°26	19° 4	25°50	26°36	14° 0	12°24	13°22	9°21	T 19
W20	18 28 51	7° 6'00	12852	12° 9	3°25	8°57	12°36	7°25	19° 6	25°50	26°37	13°53	12°21	13°29	9°18	W20
T 21	18 32 47	8° 3'09	27°51	14°15	4°36	9°37	12°37	7°24	19° 7	25°49	26°39	13°45	12°18	13°36	9°15	T 21
F 22	18 36 44	9° 0'19	12830	16°19	5°47	10°16	12°37	7°23	19° 9	25°49	26°40	13°37	12°15	13°42	9°11	F 22
S 23	18 40 40	9°57'29	26°44	18°23	6°58	10°55	12°R37	7°22	19°11	25°49	26°42	13°30	12°12	13°49	9° 8	S 23
S 24	18 44 37	10°54'40	10830	20°24	8° 9	11°34	12°37	7°20	19°13	25°49	26°43	13°24	12° 9	13°56	9° 5	S 24
M25	18 48 33	11°51'51	23°47	22°24	9°20	12°13	12°37	7°19	19°15	25°49	26°45	13°21	12° 5	14° 2	9° 2	M25
T 26	18 52 30	12°49'02	6836	24°22	10°31	12°52	12°36	7°17	19°17	25°49	26°46	13°19	12° 2	14° 9	8°59	T 26
W27	18 56 27	13°46'14	19° 4	26°18	11°42	13°31	12°35	7°16	19°19	25°49	26°48	13°D19	11°59	14°16	8°56	W27
T 28	19 0 23	14°43'27	1814	28°12	12°54	14°10	12°35	7°14	19°21	25°D49	26°49	13°20	11°56	14°22	8°53	T 28
F 29	19 4 20	15°40'41	13°11	085	14° 5	14°49	12°33	7°12	19°23	25°49	26°51	13°R20	11°53	14°29	8°50	F 29
S 30	19 8 16	16837°55	2581	1856	15II16	15828	12832	7810	19825	25849	26853	13819	11849	14II36	8847	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
F 1	23n 3	12n 7	0s57	19n31	1s15	13n14	2s 6	24n17	0n49	8s12	1s 9	10s25	1s45	5n11	0n45	8s22	1n50	24n11	12n 9	16n21	15n54	24n37	16s39	5n30	
S 2	23 8	16 52	0n 7	20 3	1 4	13 36	2 5	24 18	0 49	8 11	1 9	10 25	1 45	5 11	0 45	8 21	1 50	24 10	12 9	16 22	15 53	24 38	16 38	5 30	
S 3	23 12	20 57	1 11	20 34	0 52	13 58	2 4	24 19	0 50	8 9	1 9	10 25	1 45	5 10	0 45	8 21	1 50	24 10	12 8	16 21	15 52	24 40	16 37	5 30	
M 4	23 16	24 10	2 12	21 4	0 41	14 20	2 3	24 20	0 50	8 8	1 10	10 25	1 46	5 10	0 45	8 21	1 50	24 9	12 8	16 20	15 51	24 42	16 37	5 30	
T 5	23 19	26 21	3 7	21 34	0 29	14 41	2 2	24 21	0 50	8 7	1 10	10 25	1 46	5 9	0 45	8 21	1 50	24 9	12 8	16 19	15 50	24 43	16 36	5 30	
W 6	23 22	27 21	3 54	22 2	0 18	15 2	2 1	24 21	0 51	8 6	1 10	10 25	1 46	5 9	0 45	8 21	1 50	24 8	12 8	16 17	15 49	24 45	16 36	5 30	
T 7	23 24	27 5	4 31	22 28	0 7	15 22	2 0	24 22	0 51	8 5	1 11	10 25	1 46	5 8	0 45	8 20	1 50	24 7	12 7	16 15	15 48	24 47	16 35	5 30	
F 8	23 26	25 32	4 56	22 53	0n 4	15 43	1 58	24 22	0 52	8 4	1 11	10 25	1 46	5 8	0 45	8 20	1 50	24 7	12 7	16 13	15 47	24 48	16 34	5 30	
S 9	23 28	22 47	5 8	23 16	0 15	16 3	1 57	24 22	0 52	8 4	1 11	10 25	1 47	5 8	0 45	8 20	1 50	24 6	12 7	16 11	15 46	24 50	16 34	5 30	
S 10	23 29	18 58	5 6	23 36	0 26	16 23	1 56	24 22	0 52	8 3	1 11	10 26	1 47	5 7	0 45	8 20	1 50	24 5	12 7	16 9	15 45	24 52	16 33	5 30	
M11	23 30	14 14	4 49	23 54	0 36	16 42	1 54	24 21	0 53	8 2	1 12	10 26	1 47	5 6	0 45	8 20	1 50	24 5	12 6	16 8	15 44	24 53	16 33	5 30	
T 12	23 31	8 48	4 18	24 10	0 46	17 1	1 52	24 20	0 53	8 2	1 12	10 26	1 47	5 6	0 45	8 19	1 50	24 4	12 6	16 7	15 43	24 55	16 32	5 30	
W13	23 31	2 51	3 32	24 23	0 55	17 19	1 51	24 20	0 53	8 1	1 12	10 27	1 48	5 5	0 45	8 19	1 50	24 3	12 6	16 7	15 42	24 57	16 32	5 30	
T 14	23 30	3s24	2 33	24 34	1 3	17 38	1 49	24 19	0 54	8 1	1 13	10 27	1 48	5 5	0 45	8 19	1 50	24 3	12 6	16 7	15 41	24 58	16 31	5 30	
F 15	23 29	9 41	1 23	24 41	1 11	17 55	1 47	24 17	0 54	8 0	1 13	10 27	1 48	5 4	0 45	8 19	1 50	24 2	12 5	16 8	15 40	25 0	16 31	5 30	
S 16	23 28	15 38	0 7	24 46	1 18	18 13	1 46	24 16	0 54	8 0	1 13	10 28	1 48	5 3	0 45	8 19	1 49	24 1	12 5	16 8	15 39	25 1	16 30	5 30	
S 17	23 27	20 51	1s12	24 48	1 25	18 30	1 44	24 14	0 55	8 0	1 14	10 28	1 49	5 3	0 45	8 19	1 49	24 1	12 5	16 8	15 38	25 3	16 30	5 30	
M18	23 24	24 48	2 27	24 47	1 31	18 46	1 42	24 12	0 55	8 0	1 14	10 29	1 49	5 2	0 45	8 19	1 49	24 0	12 5	16 7	15 37	25 5	16 30	5 30	
T 19	23 22	27 2	3 32	24 43	1 36	19 2	1 40	24 10	0 55	8 0	1 14	10 29	1 49	5 1	0 45	8 19	1 49	23 59	12 5	16 5	15 36	25 6	16 29	5 30	
W20	23 19	27 15	4 23	24 37	1 40	19 18	1 38	24 8	0 56	8 0	1 15	10 30	1 49	5 1	0 45	8 19	1 49	23 59	12 4	16 3	15 35	25 8	16 29	5 30	
T 21	23 16	25 28	4 54	24 28	1 44	19 33	1 36	24 6	0 56	8 0	1 15	10 31	1 50	5 0	0 45	8 19	1 49	23 58	12 4	16 1	15 34	25 9	16 28	5 30	
F 22	23 12	21 59	5 6	24 17	1 47	19 48	1 33	24 3	0 56	8 0	1 15	10 31	1 50	4 59	0 45	8 19	1 49	23 57	12 4	15 58	15 33	25 11	16 28	5 29	
S 23	23 8	17 18	4 58	24 3	1 49	20 2	1 31	24 0	0 57	8 0	1 15	10 32	1 50	4 59	0 45	8 19	1 49	23 57	12 4	15 56	15 32	25 13	16 28	5 29	
S 24	23 4	11 51	4 33	23 46	1 50	20 16	1 29	23 57	0 57	8 1	1 16	10 33	1 50	4 58	0 45	8 19	1 49	23 56	12 4	15 55	15 32	25 14	16 27	5 29	
M25	22 59	6 3	3 53	23 28	1 51	20 29	1 27	23 54	0 57	8 1	1 16	10 34	1 51	4 57	0 44	8 19	1 49	23 55	12 3	15 54	15 31	25 16	16 27	5 29	
T 26	22 53	0 11	3 4	23 8	1 51	20 42	1 24	23 51	0 58	8 2	1 16	10 34	1 51	4 56	0 44	8 19	1 49	23 54	12 3	15 53	15 30	25 17	16 27	5 29	
W27	22 48	5n33	2 6	22 46	1 51	20 54	1 22	23 47	0 58	8 2	1 17	10 35	1 51	4 55	0 44	8 19	1 49	23 54	12 3	15 53	15 29	25 19	16 26	5 29	
T 28	22 42	10 56	1 4	22 22	1 49	21 6	1 20	23 43	0 58	8 3	1 17	10 36	1 51	4 54	0 44	8 19	1 49	23 53	12 3	15 53	15 28	25 20	16 26	5 29	
F 29	22 35	15 50	0 1	21 56	1 47	21 17	1 17	23 39	0 59	8 3	1 17	10 37	1 51	4 54	0 44	8 19	1 49	23 52	12 3	15 53	15 27	25 22	16 26	5 28	
S 30	22n28	20n 5	1n 2	21n30	1n45	21n28	1s15	23n35	0n59	8s 4	1s18	10s38	1s52	4n53	0n44	8s19	1n49	23n52	12n 3	15n53	15n26	25n23	16s26	5n28	

ASTRODIENST EPHEMERIS for the year 1464

geocentric

JULY 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 12 13	17°35'10	6°48	3°45	16°28	16°57	12°R31	7°R 8	19°27	25°49	26°54	13°R17	11°46	14°42	8°R45	S 1
M 2	19 16 9	18°32'25	18°36	5°32	17°39	16°46	12°K29	7°K 6	19°30	25°49	26°56	13°B12	11°43	14°49	8°K42	M 2
T 3	19 20 6	19°29'41	0°29	7°17	18°51	17°25	12°27	7° 3	19°32	25°49	26°58	13° 4	11°40	14°56	8°39	T 3
W 4	19 24 2	20°26'58	12°28	9° 1	20° 2	18° 4	12°25	7° 1	19°34	25°49	26°59	12°54	11°37	15° 2	8°37	W 4
T 5	19 27 59	21°24'15	24°35	10°42	21°14	18°43	12°23	6°59	19°37	25°49	27° 1	12°42	11°34	15° 9	8°35	T 5
F 6	19 31 56	22°21'33	6°52	12°22	22°26	19°22	12°20	6°56	19°39	25°50	27° 3	12°30	11°30	15°16	8°32	F 6
S 7	19 35 52	23°18'51	19°19	14° 0	23°37	20° 1	12°18	6°54	19°41	25°50	27° 4	12°18	11°27	15°22	8°30	S 7
S 8	19 39 49	24°16'10	1°57	15°36	24°49	20°40	12°15	6°51	19°44	25°50	27° 6	12° 8	11°24	15°29	8°28	S 8
M 9	19 43 45	25°13'30	14°46	17°11	26° 1	21°18	12°12	6°48	19°47	25°50	27° 8	12° 0	11°21	15°36	8°26	M 9
T 10	19 47 42	26°10'50	27°48	18°43	27°13	21°57	12° 9	6°45	19°49	25°51	27°10	11°54	11°18	15°42	8°24	T 10
W11	19 51 38	27° 8'10	11°5	20°14	28°25	22°36	12° 5	6°42	19°52	25°51	27°12	11°51	11°15	15°49	8°22	W11
T 12	19 55 35	28° 5'31	24°37	21°43	29°37	23°15	12° 2	6°39	19°54	25°52	27°13	11°D51	11°11	15°56	8°20	T 12
F 13	19 59 31	29° 2'52	8°27	23°10	0°49	23°53	11°58	6°36	19°57	25°52	27°15	11°R51	11° 8	16° 2	8°18	F 13
S 14	20 3 28	0°14	22°35	24°35	2° 1	24°32	11°54	6°33	20° 0	25°53	27°17	11°50	11° 5	16° 9	8°16	S 14
S 15	20 7 25	0°57'37	7°1	25°58	3°13	25°11	11°50	6°30	20° 2	25°53	27°19	11°49	11° 2	16°16	8°15	S 15
M16	20 11 21	1°55'00	21°42	27°19	4°25	25°49	11°46	6°27	20° 5	25°54	27°21	11°45	10°59	16°22	8°13	M16
T 17	20 15 18	2°52'24	6°33	28°39	5°37	26°28	11°41	6°23	20° 8	25°54	27°23	11°38	10°55	16°29	8°12	T 17
W18	20 19 14	3°49'49	21°26	29°56	6°50	27° 6	11°37	6°20	20°11	25°55	27°24	11°29	10°52	16°36	8°10	W18
T 19	20 23 11	4°47'15	6°13	1°11	8° 2	27°45	11°32	6°17	20°14	25°55	27°26	11°18	10°49	16°42	8° 9	T 19
F 20	20 27 7	5°44'42	20°46	2°24	9°15	28°24	11°27	6°13	20°17	25°56	27°28	11° 7	10°46	16°49	8° 8	F 20
S 21	20 31 4	6°42'10	4°57	3°35	10°27	29° 2	11°22	6° 9	20°20	25°57	27°30	10°56	10°43	16°56	8° 7	S 21
S 22	20 35 0	7°39'39	18°43	4°43	11°39	29°41	11°17	6° 6	20°23	25°58	27°32	10°48	10°40	17° 2	8° 6	S 22
M23	20 38 57	8°37'09	2°1	5°49	12°52	0°19	11°11	6° 2	20°26	25°58	27°34	10°42	10°36	17° 9	8° 5	M23
T 24	20 42 54	9°34'40	14°53	6°53	14° 5	0°58	11° 6	5°58	20°29	25°59	27°36	10°38	10°33	17°16	8° 4	T 24
W25	20 46 50	10°32'14	27°23	7°54	15°17	1°36	11° 0	5°54	20°32	26° 0	27°38	10°37	10°30	17°22	8° 3	W25
T 26	20 50 47	11°29'48	9°34	8°52	16°30	2°15	10°54	5°50	20°35	26° 1	27°40	10°36	10°27	17°29	8° 3	T 26
F 27	20 54 43	12°27'24	21°32	9°48	17°43	2°53	10°48	5°46	20°38	26° 2	27°42	10°36	10°24	17°36	8° 2	F 27
S 28	20 58 40	13°25'02	3°22	10°40	18°55	3°31	10°42	5°42	20°41	26° 3	27°44	10°35	10°21	17°43	8° 2	S 28
S 29	21 2 36	14°22'41	15°11	11°30	20° 8	4°10	10°36	5°38	20°44	26° 4	27°46	10°32	10°17	17°49	8° 1	S 29
M30	21 6 33	15°20'22	27° 2	12°16	21°21	4°48	10°29	5°34	20°48	26° 5	27°48	10°27	10°14	17°56	8° 1	M30
T 31	21 10 29	16°18'04	8°59	12°59	22°34	5°12	10°23	5°30	20°51	26° 6	27°50	10°18	10°11	18°11	8° 1	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22n21	23n31	2n 2	21n 1	1n42	21n38	1s12	23n31	0n59	8s 5	1s18	10s39	1s52	4n52	0n44	8s19
M 2	22 13	25 57	2 56	20 32	1 38	21 47	1 9	23 26	0 59	8 6	1 18	10 40	1 52	4 51	0 44	8 19
T 3	22 5	27 14	3 43	20 1	1 34	21 56	1 7	23 22	1 0	8 7	1 19	10 41	1 52	4 50	0 44	8 19
W 4	21 57	27 15	4 21	19 30	1 30	22 4	1 4	23 17	1 0	8 8	1 19	10 42	1 53	4 49	0 44	8 19
T 5	21 48	25 58	4 47	18 57	1 24	22 12	1 2	23 12	1 0	8 9	1 19	10 43	1 53	4 48	0 44	8 19
F 6	21 39	23 27	5 0	18 24	1 19	22 19	0 59	23 6	1 1	8 10	1 19	10 44	1 53	4 47	0 44	8 20
S 7	21 29	19 48	4 59	17 50	1 13	22 25	0 56	23 1	1 1	8 12	1 20	10 45	1 53	4 46	0 44	8 20
S 8	21 20	15 14	4 44	17 16	1 6	22 31	0 53	22 55	1 1	8 13	1 20	10 47	1 53	4 45	0 44	8 20
M 9	21 9	9 55	4 14	16 41	1 0	22 36	0 51	22 50	1 1	8 14	1 20	10 48	1 54	4 44	0 44	8 20
T 10	20 59	4 6	3 31	16 5	0 52	22 41	0 48	22 44	1 2	8 16	1 21	10 49	1 54	4 43	0 44	8 20
W11	20 48	2s 1	2 35	15 30	0 45	22 45	0 45	22 38	1 2	8 18	1 21	10 50	1 54	4 42	0 44	8 20
T 12	20 36	8 10	1 30	14 54	0 37	22 48	0 42	22 31	1 2	8 19	1 21	10 52	1 54	4 41	0 44	8 21
F 13	20 25	14 5	0 18	14 17	0 29	22 51	0 40	22 25	1 2	8 21	1 21	10 53	1 54	4 40	0 44	8 21
S 14	20 13	19 23	0s57	13 41	0 20	22 53	0 37	22 18	1 3	8 23	1 22	10 54	1 55	4 39	0 44	8 21
S 15	20 0	23 40	2 9	13 5	0 11	22 54	0 34	22 12	1 3	8 24	1 22	10 56	1 55	4 38	0 44	8 21
M16	19 48	26 29	3 14	12 28	0 2	22 55	0 31	22 5	1 3	8 26	1 22	10 57	1 55	4 36	0 44	8 22
T 17	19 35	27 27	4 7	11 52	0s 7	22 55	0 28	21 58	1 3	8 28	1 23	10 59	1 55	4 35	0 44	8 22
W18	19 21	26 27	4 43	11 16	0 17	22 54	0 26	21 50	1 4	8 30	1 23	11 0	1 55	4 34	0 44	8 22
T 19	19 7	23 36	4 59	10 40	0 27	22 53	0 23	21 43	1 4	8 32	1 23	11 1	1 55	4 33	0 44	8 22
F 20	18 53	19 17	4 56	10 5	0 37	22 51	0 20	21 36	1 4	8 34	1 23	11 3	1 56	4 32	0 44	8 23
S 21	18 39	13 59	4 35	9 30	0 47	22 49	0 17	21 28	1 4	8 37	1 24	11 4	1 56	4 31	0 44	8 23
S 22	18 25	8 7	3 58	8 55	0 57	22 46	0 14	21 20	1 5	8 39	1 24	11 6	1 56	4 29	0 44	8 23
M23	18 10	2 5	3 9	8 21	1 8	22 42	0 11	21 12	1 5	8 41	1 24	11 7	1 56	4 28	0 44	8 24
T 24	17 54	3n52	2 12	7 48	1 18	22 37	0 9	21 4	1 5	8 44	1 24	11 9	1 56	4 27	0 44	8 24
W25	17 39	9 29	1 9	7 15	1 29	22 32	0 6	20 55	1 5	8 46	1 25	11 11	1 56	4 26	0 43	8 24
T 26	17 23	14 38	0 6	6 43	1 40	22 26	0 3	20 47	1 6	8 48	1 25	11 12	1 57	4 24	0 43	8 25
F 27	17 7	19 8	0n58	6 12	1 51	22 20	0 0	20 38	1 6	8 51	1 25	11 14	1 57	4 23	0 43	8 25
S 28	16 51	22 49	1 57	5 42	2 2	22 13	0n 2	20 30	1 6	8 53	1 25	11 15	1 57	4 22	0 43	8 25
S 29	16 34	25 32	2 52	5 13	2 13	22 5	0 5	20 21	1 6	8 56	1 25	11 17	1 57	4 21	0 43	8 26
M30	16 17	27 8	3 39	4 46	2 24	21 56	0 8	20 12	1 7	8 59	1 26	11 19	1 57	4 19	0 43	8 26
T 31	16n 0	27n29	4n17	4n19	2s35	21n47	0n10	20n 3	1n 7	9s 1	1s26	11s20	1s57	4n18	0n43	8s27

Julian Day Number = 2255965.5, Delta T = 06m03s

Ecliptic obliquity = 23°30'38", Nutation = - 0°00'11", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°16'09", Lahiri = 16°23'10" Julian Calendar 1 July 1464 == Greg. Calendar 10 July 1464

ASTRODIENST EPHEMERIS for the year 1464

geocentric

AUGUST 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	21 14 26	17°15'48	21°06' 6	13°38' 38	23°04' 47	6°02' 5	10°R16	5°R26	20°35' 54	26°02' 7	27°02' 52	10°R 8	10°08' 8	18°11' 9	8°R 1	W 1
T 2	21 18 23	18°13'33	3°02' 24	14°13' 0	25° 0	6°43	10°H 9	5°H22	20°58	26° 8	27°54	9°05' 55	10° 5	18°16	8°D 1	T 2
F 3	21 22 19	19°11'19	15°56	14°44	26°13	7°22	10° 3	5°17	21° 1	26° 9	27°56	9°42	10° 1	18°23	8°H 1	F 3
S 4	21 26 16	20° 9'07	28°40	15°10	27°26	8° 0	9°56	5°13	21° 4	26°10	27°58	9°29	9°58	18°29	8° 1	S 4
S 5	21 30 12	21° 6'57	11°36' 36	15°32	28°40	8°38	9°49	5° 9	21° 8	26°11	28° 0	9°18	9°55	18°36	8° 1	S 5
M 6	21 34 9	22° 4'47	24°45	15°50	29°53	9°17	9°41	5° 4	21°11	26°12	28° 2	9°10	9°52	18°43	8° 2	M 6
T 7	21 38 5	23° 2'39	8°04' 4	16° 2	1°02' 6	9°55	9°34	5° 0	21°14	26°13	28° 4	9° 4	9°49	18°49	8° 2	T 7
W 8	21 42 2	24° 0'33	21°34	16° 8	2°20	10°33	9°27	4°55	21°18	26°15	28° 6	9° 0	9°46	18°56	8° 3	W 8
T 9	21 45 58	24°58'27	5°11' 14	16°R10	3°33	11°11	9°19	4°51	21°21	26°16	28° 8	8°D59	9°42	19° 3	8° 3	T 9
F 10	21 49 55	25°56'23	19° 6	16° 5	4°46	11°50	9°12	4°47	21°25	26°17	28°10	9°R 0	9°39	19° 9	8° 4	F 10
S 11	21 53 52	26°54'21	3°07' 8	15°55	6° 0	12°28	9° 4	4°42	21°28	26°19	28°12	9° 0	9°36	19°16	8° 5	S 11
S 12	21 57 48	27°52'19	17°21	15°38	7°13	13° 6	8°57	4°38	21°32	26°20	28°14	8°58	9°33	19°23	8° 6	S 12
M13	22 1 45	28°50'19	1°03' 43	15°15	8°27	13°44	8°49	4°33	21°35	26°21	28°16	8°55	9°30	19°29	8° 7	M13
T 14	22 5 41	29°48'21	16°10	14°47	9°40	14°22	8°41	4°28	21°39	26°23	28°18	8°49	9°27	19°36	8° 8	T 14
W15	22 9 38	0°46'24	0°03' 39	14°12	10°54	15° 0	8°33	4°24	21°43	26°24	28°20	8°40	9°23	19°43	8° 9	W15
T 16	22 13 34	1°44'28	15° 3	13°32	12° 8	15°39	8°26	4°19	21°46	26°26	28°22	8°30	9°20	19°49	8°10	T 16
F 17	22 17 31	2°42'34	29°16	12°46	13°21	16°17	8°18	4°15	21°50	26°27	28°24	8°20	9°17	19°56	8°12	F 17
S 18	22 21 27	3°40'41	13°H12	11°56	14°35	16°55	8°10	4°10	21°53	26°29	28°26	8°10	9°14	20° 3	8°13	S 18
S 19	22 25 24	4°38'51	26°47	11° 2	15°49	17°33	8° 2	4° 6	21°57	26°30	28°28	8° 2	9°11	20° 9	8°15	S 19
M20	22 29 21	5°37'02	10°Y 0	10° 5	17° 3	18°11	7°54	4° 1	22° 1	26°32	28°30	7°56	9° 7	20°16	8°16	M20
T 21	22 33 17	6°33'15	22°49	9° 6	18°17	18°49	7°46	3°56	22° 4	26°33	28°32	7°53	9° 4	20°23	8°18	T 21
W22	22 37 14	7°33'30	5°H19	8° 6	19°31	19°27	7°38	3°52	22° 8	26°35	28°34	7°D52	9° 1	20°29	8°20	W22
T 23	22 41 10	8°31'47	17°30	7° 7	20°44	20° 5	7°30	3°47	22°12	26°36	28°36	7°52	8°58	20°36	8°22	T 23
F 24	22 45 7	9°30'06	29°30	6°10	21°59	20°43	7°22	3°43	22°15	26°38	28°38	7°53	8°55	20°43	8°24	F 24
S 25	22 49 3	10°28'28	11°H22	5°16	23°13	21°21	7°14	3°38	22°19	26°40	28°40	7°R54	8°52	20°49	8°26	S 25
S 26	22 53 0	11°26'51	23°12	4°27	24°27	21°59	7° 6	3°34	22°23	26°41	28°42	7°53	8°48	20°56	8°28	S 26
M27	22 56 56	12°25'17	5°H 5	3°44	25°41	22°37	6°58	3°29	22°27	26°43	28°44	7°50	8°45	21° 3	8°30	M27
T 28	23 0 53	13°23'45	17° 6	3° 8	26°55	23°15	6°50	3°25	22°30	26°45	28°46	7°45	8°42	21°10	8°33	T 28
W29	23 4 50	14°22'15	29°18	2°40	28° 9	23°53	6°43	3°20	22°34	26°47	28°48	7°38	8°39	21°16	8°35	W29
T 30	23 8 46	15°20'47	11°04' 5	2°20	29°23	24°31	6°35	3°16	22°38	26°48	28°50	7°30	8°36	21°23	8°38	T 30
F 31	23 12 43	16°19'21	24°02' 9	2°10	0°38	25°02	6°H27	3°H11	22°42	26°50	28°52	7°H20	8°H32	21°H30	8°H40	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	15n42	26n32	4n44	3n54	2s46	21n38	0n13	19n53	1n 7	9s 4	1s26	11s22	1s58	4n17	0n43	8s27
T 2	15 25	24 17	4 58	3 31	2 56	21 27	0 16	19 44	1 7	9 7	1 26	11 24	1 58	4 15	0 43	8 28
F 3	15 7	20 51	4 58	3 10	3 7	21 16	0 18	19 34	1 7	9 10	1 26	11 25	1 58	4 14	0 43	8 28
S 4	14 49	16 24	4 44	2 50	3 17	21 5	0 21	19 25	1 8	9 12	1 27	11 27	1 58	4 13	0 43	8 28
S 5	14 30	11 9	4 15	2 32	3 27	20 52	0 23	19 15	1 8	9 15	1 27	11 29	1 58	4 11	0 43	8 29
M 6	14 12	5 20	3 31	2 17	3 36	20 40	0 26	19 5	1 8	9 18	1 27	11 31	1 58	4 10	0 43	8 30
T 7	13 53	0s49	2 36	2 4	3 45	20 26	0 28	18 55	1 8	9 21	1 27	11 32	1 58	4 9	0 43	8 31
W 8	13 33	7 2	1 31	1 53	3 54	20 12	0 31	18 44	1 8	9 24	1 27	11 34	1 58	4 7	0 43	8 30
T 9	13 14	13 0	0 20	1 46	4 2	19 58	0 33	18 34	1 9	9 27	1 27	11 36	1 58	4 6	0 43	8 31
F 10	12 55	18 24	0s53	1 41	4 9	19 42	0 36	18 24	1 9	9 30	1 28	11 38	1 59	4 4	0 43	8 31
S 11	12 35	22 53	2 4	1 40	4 15	19 27	0 38	18 13	1 9	9 33	1 28	11 39	1 59	4 3	0 43	8 32
S 12	12 15	26 2	3 9	1 41	4 20	19 10	0 40	18 2	1 9	9 36	1 28	11 41	1 59	4 2	0 43	8 32
M13	11 55	27 32	4 2	1 47	4 24	18 53	0 43	17 51	1 9	9 39	1 28	11 43	1 59	4 0	0 43	8 33
T 14	11 34	27 9	4 40	1 55	4 26	18 36	0 45	17 41	1 9	9 42	1 28	11 45	1 59	3 59	0 43	8 34
W15	11 14	24 57	5 0	2 8	4 27	18 18	0 47	17 29	1 10	9 45	1 28	11 46	1 59	3 57	0 43	8 34
T 16	10 53	21 9	5 1	2 24	4 27	18 0	0 49	17 18	1 10	9 48	1 28	11 48	1 59	3 56	0 43	8 35
F 17	10 32	16 10	4 43	2 43	4 24	17 41	0 51	17 7	1 10	9 51	1 29	11 50	1 59	3 55	0 43	8 35
S 18	10 11	10 26	4 8	3 6	4 20	17 21	0 53	16 56	1 10	9 54	1 29	11 52	1 59	3 53	0 43	8 36
S 19	9 50	4 21	3 21	3 32	4 14	17 1	0 55	16 44	1 10	9 57	1 29	11 53	1 59	3 52	0 43	8 36
M20	9 29	1n47	2 23	4 1	4 6	16 41	0 57	16 33	1 10	10 0	1 29	11 55	1 59	3 50	0 43	8 37
T 21	9 7	7 40	1 20	4 32	3 56	16 20	0 59	16 21	1 11	10 3	1 29	11 57	1 59	3 49	0 43	8 38
W22	8 46	13 7	0 14	5 5	3 44	15 58	1 1	16 9	1 11	10 6	1 29	11 58	1 59	3 47	0 43	8 38
T 23	8 24	17 56	0n51	5 40	3 31	15 37	1 3	15 57	1 11	10 9	1 29	12 0	1 59	3 46	0 43	8 39
F 24	8 2	21 57	1 53	6 15	3 15	15 14	1 4	15 45	1 11	10 12	1 29	12 2	2 0	3 44	0 43	8 40
S 25	7 40	25 0	2 50	6 50	2 59	14 52	1 6	15 33	1 11	10 15	1 29	12 4	2 0	3 43	0 43	8 40
S 26	7 18	26 58	3 38	7 25	2 41	14 28	1 8	15 21	1 11	10 18	1 29	12 5	2 0	3 41	0 43	8 41
M27	6 55	27 43	4 18	7 59	2 22	14 5	1 9	15 9	1 12	10 21	1 29	12 7	2 0	3 40	0 43	8 41
T 28	6 33	27 9	4 47	8 29	2 3	13 41	1 11	14 56	1 12	10 24	1 29	12 9	2 0	3 38	0 43	8 42
W29	6 10	25 18	5 3	8 57	1 43	13 17	1 12	14 44	1 12	10 27	1 29	12 10	2 0	3 37	0 43	8 43
T 30	5 48	22 12	5 5	9 22	1 24	12 52	1 13	14 31	1 12	10 30	1 29	12 12	2 0	3 35	0 43	8 43
F 31	5n25	18n 0	4n53	9n44	1s 4	12n27	1n15	14n18	1n12	10s33	1s29	12s13	2s 0	3n34	0n43	8s44

Julian Day Number = 2255996.5, Delta T = 06m03s

Ecliptic obliquity = 23°30'39", Nutation = - 0°00'10", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°16'13", Lahiri = 16°23'14" Julian Calendar 1 Aug. 1464 == Greg. Calendar 10 Aug. 1464

ASTRODIENST EPHEMERIS for the year 1464

geocentric

SEPTEMBER 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	23 16 39	17 ^h 17 ^m 57 ^s	7 ^h 30 ^m	2°D 9	1 ^h 52 ^m	25 ^h 04 ^m 47 ^s	6°R19	3°R 7	22 ^h 45 ^m	26 ^h 52 ^m	28 ^h 05 ^m 44 ^s	7°R11	8 ^h 29 ^m	21 ^h 36 ^m	8 ^h 43 ^m	S 1
S 2	23 20 36	18°16'35"	20°47'	2 ^h 18 ^m	3° 6	26°25'	6 ^h 12 ^m	3 ^h 3 ^m	22°49'	26°54'	28°56'	7 ^h 4 ^m	8°26'	21°43'	8°46'	S 2
M 3	23 24 32	19°15'15"	4 ^h 18 ^m	2°36'	4°21'	27° 3	6° 4	2°58'	22°53'	26°56'	28°58'	6°58'	8°23'	21°50'	8°49'	M 3
T 4	23 28 29	20°13'57"	18° 2	3° 4	5°35'	27°41'	5°57'	2°54'	22°57'	26°58'	29° 0	6°54'	8°20'	21°56'	8°52'	T 4
W 5	23 32 25	21°12'41"	1 ^h 55 ^m	3°40'	6°50'	28°19'	5°49'	2°50'	23° 1	26°59'	29° 2	6°D52'	8°17'	22° 3	8°55'	W 5
T 6	23 36 22	22°11'26"	15°54'	4°26'	8° 4	28°57'	5°42'	2°46'	23° 4	27° 1	29° 4	6°52'	8°13'	22°10'	8°58'	T 6
F 7	23 40 18	23°10'14"	29°59'	5°20'	9°19'	29°35'	5°35'	2°42'	23° 8	27° 3	29° 6	6°54'	8°10'	22°16'	9° 1	F 7
S 8	23 44 15	24° 9'03"	14 ^h 7 ^m	6°21'	10°33'	0 ^h 13 ^m	5°27'	2°37'	23°12'	27° 5	29° 7	6°55'	8° 7	22°23'	9° 4	S 8
S 9	23 48 12	25° 7'54"	28°17'	7°29'	11°48'	0°50'	5°20'	2°33'	23°16'	27° 7	29° 9	6°R55'	8° 4	22°30'	9° 8	S 9
M10	23 52 8	26° 6'46"	12 ^h 37 ^m	8°43'	13° 2	1°28'	5°13'	2°29'	23°19'	27° 9	29°11'	6°54'	8° 1	22°36'	9°11'	M10
T 11	23 56 5	27° 5'41"	26°35'	10° 3	14°17'	2° 6	5° 7	2°25'	23°23'	27°11'	29°13'	6°51'	7°58'	22°43'	9°15'	T 11
W12	0 0 1	28° 4'37"	10 ^h 39 ^m	11°28'	15°32'	2°44'	5° 0	2°22'	23°27'	27°13'	29°15'	6°46'	7°54'	22°50'	9°18'	W12
T 13	0 3 58	29° 3'34"	24°35'	12°57'	16°46'	3°22'	4°53'	2°18'	23°31'	27°15'	29°17'	6°41'	7°51'	22°56'	9°22'	T 13
F 14	0 7 54	0 ^h 23 ^m	8 ^h 12 ^m	14°30'	18° 1	4° 0	4°47'	2°14'	23°35'	27°17'	29°19'	6°35'	7°48'	23° 3	9°26'	F 14
S 15	0 11 51	1° 1'36"	21°53'	16° 6	19°16'	4°37'	4°40'	2°10'	23°38'	27°19'	29°20'	6°29'	7°45'	23°10'	9°29'	S 15
S 16	0 15 47	2° 0'39"	5 ^h 9 ^m	17°45'	20°31'	5°15'	4°34'	2° 7	23°42'	27°21'	29°22'	6°24'	7°42'	23°16'	9°33'	S 16
M17	0 19 44	2°59'45"	18° 7	19°25'	21°45'	5°53'	4°28'	2° 3	23°46'	27°23'	29°24'	6°21'	7°38'	23°23'	9°37'	M17
T 18	0 23 41	3°58'53"	0 ^h 47 ^m	21° 7	23° 0	6°31'	4°22'	1°59'	23°50'	27°25'	29°26'	6°D20'	7°35'	23°30'	9°41'	T 18
W19	0 27 37	4°58'03"	13°11'	22°51'	24°15'	7° 8	4°16'	1°56'	23°53'	27°28'	29°27'	6°20'	7°32'	23°37'	9°45'	W19
T 20	0 31 34	5°57'15"	25°21'	24°35'	25°30'	7°46'	4°11'	1°53'	23°57'	27°30'	29°29'	6°21'	7°29'	23°43'	9°50'	T 20
F 21	0 35 30	6°56'29"	7 ^h 20 ^m	26°20'	26°45'	8°24'	4° 5	1°49'	24° 1	27°32'	29°31'	6°23'	7°26'	23°50'	9°54'	F 21
S 22	0 39 27	7°55'46"	19°13'	28° 5	28° 0	9° 2	4° 0	1°46'	24° 4	27°34'	29°32'	6°25'	7°23'	23°57'	9°58'	S 22
S 23	0 43 23	8°55'06"	1 ^h 3 ^m	29°51'	29°15'	9°39'	3°55'	1°43'	24° 8	27°36'	29°34'	6°26'	7°19'	24° 3	10° 3	S 23
M24	0 47 20	9°54'27"	12°56'	1 ^h 36 ^m	0 ^h 30 ^m	10°17'	3°49'	1°40'	24°12'	27°38'	29°36'	6°R26'	7°16'	24°10'	10° 7	M24
T 25	0 51 16	10°53'51"	24°57'	3°22'	1°45'	10°55'	3°45'	1°37'	24°15'	27°40'	29°37'	6°25'	7°13'	24°17'	10°12'	T 25
W26	0 55 13	11°53'17"	7 ^h 01 ^m	5° 7	3° 0	11°32'	3°40'	1°34'	24°19'	27°43'	29°39'	6°23'	7°10'	24°23'	10°16'	W26
T 27	0 59 10	12°52'46"	19°41'	6°52'	4°15'	12°10'	3°35'	1°31'	24°23'	27°45'	29°41'	6°20'	7° 7	24°30'	10°21'	T 27
F 28	1 3 6	13°52'16"	2 ^h 30 ^m	8°37'	5°30'	12°48'	3°31'	1°28'	24°26'	27°47'	29°42'	6°17'	7° 4	24°37'	10°26'	F 28
S 29	1 7 3	14°51'49"	15°40'	10°21'	6°45'	13°26'	3°27'	1°25'	24°30'	27°49'	29°44'	6°13'	7° 0	24°43'	10°30'	S 29
S 30	1 10 59	15 ^h 51 ^m 24 ^s	29 ^h 12 ^m	12 ^h 4 ^m	8 ^h 0 ^m	14 ^h 3 ^m	3 ^h 23 ^m	1 ^h 23 ^m	24 ^h 34 ^m	27 ^h 51 ^m	29 ^h 04 ^m 45 ^s	6 ^h 10 ^m	6 ^h 57 ^m	24 ^h 50 ^m	10 ^h 35 ^m	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	5n 2	12n53	4n25	10n 2	0s45	12n 1	1n16	14n 6	1n12	10s36	1s29	12s15	2s 0	3n32	0n43	8s45	1n45	23n 8	12n 3	13n57	14n23	26n46	16s44	5n 9			
S 2	4 39	7 4	3 42	10 16	0 27	11 36	1 17	13 53	1 12	10 39	1 29	12 17	2 0	3 31	0 43	8 45	1 45	23 7	12 3	13 55	14 22	26 47	16 45	5 8			
M 3	4 16	0 50	2 46	10 26	0 9	11 9	1 18	13 40	1 13	10 42	1 29	12 18	2 0	3 29	0 43	8 46	1 45	23 7	12 3	13 53	14 20	26 48	16 46	5 8			
T 4	3 53	5s33	1 40	10 31	0n 7	10 43	1 19	13 27	1 13	10 44	1 29	12 20	2 0	3 28	0 43	8 47	1 45	23 6	12 3	13 51	14 19	26 49	16 46	5 8			
W 5	3 30	11 45	0 27	10 32	0 23	10 16	1 20	13 14	1 13	10 47	1 29	12 21	2 0	3 26	0 43	8 48	1 45	23 6	12 3	13 51	14 18	26 50	16 47	5 8			
T 6	3 6	17 26	0s49	10 29	0 37	9 49	1 21	13 1	1 13	10 50	1 29	12 23	2 0	3 25	0 43	8 48	1 45	23 5	12 4	13 51	14 17	26 51	16 48	5 7			
F 7	2 43	22 12	2 2	10 22	0 50	9 22	1 22	12 48	1 13	10 53	1 29	12 24	2 0	3 23	0 43	8 49	1 45	23 5	12 4	13 51	14 16	26 52	16 49	5 7			
S 8	2 20	25 40	3 8	10 10	1 2	8 55	1 23	12 34	1 13	10 55	1 29	12 26	2 0	3 22	0 43	8 50	1 45	23 4	12 4	13 52	14 15	26 53	16 50	5 7			
S 9	1 56	27 33	4 3	9 54	1 12	8 27	1 24	12 21	1 13	10 58	1 29	12 27	2 0	3 20	0 43	8 50	1 45	23 4	12 4	13 52	14 14	26 54	16 50	5 6			
M10	1 33	27 37	4 43	9 35	1 22	7 59	1 24	12 8	1 13	11 0	1 29	12 29	2 0	3 19	0 43	8 51	1 45	23 3	12 5	13 51	14 13	26 55	16 51	5 6			
T 11	1 10	25 53	5 5	9 12	1 30	7 30	1 25	11 54	1 13	11 3	1 29	12 30	2 0	3 17	0 43	8 52	1 45	23 3	12 5	13 50	14 12	26 56	16 52	5 6			
W12	0 46	22 34	5 9	8 46	1 36	7 2	1 25	11 40	1 14	11 5	1 29	12 31	2 0	3 16	0 43	8 53	1 45	23 3	12 5	13 49	14 11	26 57	16 53	5 5			
T 13	0 23	18 0	4 55	8 17	1 42	6 33	1 26	11 27	1 14	11 7	1 29	12 33	2 0	3 14	0 43	8 53	1 45	23 2	12 5	13 47	14 10	26 58	16 54	5 5			
F 14	0s 1	12 32	4 24	7 45	1 47	6 4	1 26	11 13	1 14	11 10	1 29	12 34	1 59	3 13	0 43	8 54	1 45	23 2	12 5	13 45	14 9	26 59	16 54	5 5			
S 15	0 25	6 34	3 39	7 11	1 50	5 35	1 26	10 59	1 14	11 12	1 29	12 35	1 59	3 11	0 43	8 55	1 45	23 1	12 6	13 43	14 8	27 0	16 55	5 4			
S 16	0 48	0 26	2 42	6 35	1 53	5 6	1 27	10 46	1 14	11 14	1 29	12 37	1 59	3 10	0 43	8 56	1 45	23 1	12 6	13 42	14 7	27 1	16 56	5 4			
M17	1 12	5n37	1 38	5 57	1 54	4 37	1 27	10 32	1 14	11 16	1 28	12 38	1 59	3 8	0 43	8 56	1 45	23 0	12 6	13 41	14 6	27 2	16 57	5 4			
T 18	1 35	11 19	0 30	5 17	1 55	4 7	1 27	10 18	1 14	11 18	1 28	12 39	1 59	3 7	0 43	8 57	1 45	23 0	12 7	13 40	14 5	27 3	16 58	5 4			
W19	1 59	16 26	0n37	4 36	1 55	3 37	1 27	10 4	1 14	11 20	1 28	12 40	1 59	3 5	0 43	8 58	1 45	23 0	12 7	13 40	14 4	27 4	16 59	5 3			
T 20	2 22	20 49	1 42	3 54	1 54	3 8	1 27	9 50	1 14	11 22	1 28	12 42	1 59	3 4	0 43	8 59	1 45	22 59	12 7	13 41	14 3	27 5	17 0	5 3			
F 21	2 46	24 16	2 42	3 11	1 53	2 38	1 27	9 36	1 14	11 24	1 28	12 43	1 59	3 2	0 43	9 0	1 45	22 59	12 7	13 41	14 2	27 6	17 1	5 3			
S 22	3 9	26 37	3 34	2 27	1 50	2 8	1 27	9 22	1 15	11 26	1 28	12 44	1 59	3 1	0 43	9 0	1 45	22 59	12 8	13 42	14 1	27 7	17 1	5 3			
S 23	3 33	27 47	4 16	1 42	1 48	1 38	1 27	9 7	1 15	11 28	1 28	12 45	1 59	3 0	0 43	9 1	1 45	22 58	12 8	13 42	14 0	27 7	17 2	5 2			
M24	3 56	27 40	4 48	0 57	1 45	1 7	1 26	8 53	1 15	11 30	1 28	12 46	1 59	2 58	0 43	9 2	1 45	22 58	12 8	13 42	13 59	27 8	17 3	5 2			
T 25	4 20	26 15	5 8	0 12	1 41	0 37	1 26	8 39	1 15	11 31	1 27	12 47	1 59	2 57	0 43	9 3	1 45	22 58	12 9	13 42	13 58	27 9	17 4	5 2			
W26	4 43	23 35	5 14	0s34	1 37	0 7	1 26	8 25	1 15	11 33	1 27	12 48	1 59	2 55	0 43	9 4	1 45	22 57	12 9	13 41	13 57	27 10	17 5	5 2			
T 27	5 6	19 47	5 6	1 19	1 32	0s23	1 25	8 10	1 15	11 34	1 27	12 49	1 59	2 54	0 43	9 4	1 45	22 57	12 9	13 40	13 56	27 11	17 6	5 1			
F 28	5 29	15 0	4 42	2 5	1 28	0 54	1 25	7 56	1 15	11 36	1 27	12 50	1 59	2 52	0 43	9 5	1 45	22 57	12 9	13 39	13 55	27 12	17 7	5 1			
S 29	5 52	9 24	4 3	2 51	1 23	1 24	1 24	7 41	1 15	11 37	1 27	12 51	1 58	2 51	0 43	9 6	1 45	22 56	12 10	13 38	13 54	27 13	17 8	5 1			
S 30	6s15	3n13	3n10	3s36	1n17	1s54	1n23	7n27	1n15	11s39	1s27	12s51	1s58	2n49	0n43	9s 7	1n45	22n56	12n10	13n37	13n53	27n14	17s 9	5n 9			

ASTRODIENST EPHEMERIS for the year 1464
geocentric

OCTOBER 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	1 14 56	16♌51°01	13♌4	13♌47	9♏15	14♏41	3°R19	1°R20	24♏37	27♏54	29♏47	6°R 8	6♏54	24♏57	10♏40	M 1
T 2	1 18 52	17°50'41	27°12	15°30	10°30	15°18	3°H15	1°H18	24°41	27°56	29°48	6°R 7	6°51	25°3	10°45	T 2
W 3	1 22 49	18°50'22	11♏33	17°12	11°45	15°56	3°12	1°16	24°44	27°58	29°50	6°D 7	6°48	25°10	10°50	W 3
T 4	1 26 45	19°50'05	26°0	18°53	13°0	16°34	3°9	1°13	24°48	28°0	29°51	6°8	6°44	25°17	10°55	T 4
F 5	1 30 42	20°49'50	10♏29	20°34	14°16	17°11	3°6	1°11	24°51	28°2	29°53	6°9	6°41	25°24	11°1	F 5
S 6	1 34 39	21°49'37	24°56	22°14	15°31	17°49	3°3	1°9	24°55	28°5	29°54	6°10	6°38	25°30	11°6	S 6
S 7	1 38 35	22°49'26	9♏15	23°54	16°46	18°27	3°0	1°7	24°58	28°7	29°55	6°11	6°35	25°37	11°11	S 7
M 8	1 42 32	23°49'16	23°25	25°33	18°1	19°4	2°58	1°5	25°2	28°9	29°57	6°R11	6°32	25°44	11°16	M 8
T 9	1 46 28	24°49'08	7♏24	27°11	19°16	19°42	2°55	1°3	25°5	28°11	29°58	6°11	6°29	25°50	11°22	T 9
W10	1 50 25	25°49'02	21°10	28°49	20°32	20°19	2°53	1°2	25°9	28°14	29°59	6°10	6°25	25°57	11°27	W10
T11	1 54 21	26°48'57	4♏43	0♏26	21°47	20°57	2°52	1°0	25°12	28°16	0♏1	6°9	6°22	26°4	11°33	T11
F12	1 58 18	27°48'54	18°3	2°3	23°2	21°34	2°50	0°59	25°15	28°18	0°2	6°8	6°19	26°10	11°38	F12
S13	2 2 14	28°48'52	1°Y 9	3°39	24°18	22°12	2°48	0°57	25°19	28°20	0°3	6°7	6°16	26°17	11°44	S13
S14	2 6 11	29°48'53	14°1	5°15	25°33	22°49	2°47	0°56	25°22	28°23	0°4	6°6	6°13	26°24	11°49	S14
M15	2 10 8	0♏48'55	26°40	6°50	26°48	23°27	2°46	0°55	25°25	28°25	0°6	6°6	6°9	26°30	11°55	M15
T16	2 14 4	1°48'59	9♏6	8°25	28°3	24°4	2°45	0°54	25°28	28°27	0°7	6°D 6	6°6	26°37	12°1	T16
W17	2 18 1	2°49'05	21°21	10°0	29°19	24°42	2°45	0°53	25°32	28°29	0°8	6°6	6°3	26°44	12°7	W17
T18	2 21 57	3°49'13	3♏25	11°34	0♏34	25°19	2°44	0°52	25°35	28°32	0°9	6°6	6°0	26°51	12°12	T18
F19	2 25 54	4°49'23	15°22	13°7	1°49	25°57	2°44	0°51	25°38	28°34	0°10	6°6	5°57	26°57	12°18	F19
S20	2 29 50	5°49'35	27°14	14°41	3°5	26°34	2°D44	0°50	25°41	28°36	0°11	6°R 6	5°54	27°4	12°24	S20
S21	2 33 47	6°49'49	9♏4	16°14	4°20	27°12	2°44	0°50	25°44	28°38	0°12	6°6	5°50	27°11	12°30	S21
M22	2 37 43	7°50'05	20°56	17°46	5°35	27°49	2°45	0°49	25°47	28°40	0°13	6°6	5°47	27°17	12°36	M22
T23	2 41 40	8°50'23	2♏25	19°18	6°51	28°26	2°45	0°49	25°50	28°43	0°14	6°6	5°44	27°24	12°42	T23
W24	2 45 37	9°50'43	15°6	20°50	8°6	29°4	2°46	0°49	25°53	28°45	0°15	6°D 6	5°41	27°31	12°48	W24
T25	2 49 33	10°51'05	27°32	22°22	9°22	29°41	2°47	0°48	25°56	28°47	0°16	6°6	5°38	27°37	12°54	T25
F26	2 53 30	11°51'28	10♏19	23°53	10°37	0♏19	2°48	0°D48	25°59	28°49	0°17	6°7	5°35	27°44	13°1	F26
S27	2 57 26	12°51'54	23°29	25°24	11°52	0°56	2°50	0°48	26°2	28°52	0°18	6°7	5°31	27°51	13°7	S27
S28	3 1 23	13°52'22	7♏4	26°54	13°8	1°33	2°51	0°49	26°5	28°54	0°18	6°8	5°28	27°57	13°13	S28
M29	3 5 19	14°52'51	21°5	28°24	14°23	2°11	2°53	0°49	26°8	28°56	0°19	6°9	5°25	28°4	13°19	M29
T30	3 9 16	15°53'22	5♏29	29°54	15°39	2°48	2°55	0°49	26°11	28°58	0°20	6°R 9	5°22	28°11	13°26	T30
W31	3 13 12	16♏53'55	20♏11	1♏23	16♏54	3♏25	2°H57	0°H50	26♏13	29♏0	0♏21	6°R 9	5♏19	28♏18	13♏32	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	6s38	3s17	2n 4	4s21	1n12	2s25	1n23	7n12	1n15	11s40	1s27	12s52	1s58	2n48	0n43	9s 7	1n45	22n56	12n10	13n36	13n51	27n15	17s 9	5n 0							
T 2	7 1	9 45	0 49	5 6	1 6	2 55	1 22	6 58	1 15	11 41	1 26	12 53	1 58	2 47	0 43	9 8	1 45	22 56	12 11	13 36	13 50	27 15	17 10	5 0							
W 3	7 24	15 49	0s30	5 51	1 0	3 25	1 21	6 43	1 15	11 42	1 26	12 54	1 58	2 45	0 43	9 9	1 45	22 56	12 11	13 36	13 49	27 16	17 11	5 0							
T 4	7 47	21 4	1 48	6 35	0 54	3 55	1 20	6 28	1 15	11 43	1 26	12 55	1 58	2 44	0 43	9 10	1 45	22 55	12 11	13 36	13 48	27 17	17 12	5 0							
F 5	8 9	25 2	2 59	7 19	0 48	4 25	1 19	6 14	1 15	11 44	1 26	12 55	1 58	2 42	0 43	9 11	1 45	22 55	12 12	13 37	13 47	27 18	17 13	4 59							
S 6	8 32	27 23	3 58	8 3	0 41	4 55	1 18	5 59	1 15	11 45	1 26	12 56	1 58	2 41	0 43	9 11	1 45	22 55	12 12	13 37	13 46	27 19	17 14	4 59							
S 7	8 54	27 53	4 42	8 46	0 35	5 25	1 17	5 44	1 15	11 46	1 25	12 56	1 58	2 40	0 43	9 12	1 45	22 55	12 13	13 37	13 45	27 20	17 15	4 59							
M 8	9 16	26 32	5 9	9 28	0 28	5 55	1 16	5 30	1 15	11 46	1 25	12 57	1 58	2 38	0 43	9 13	1 45	22 55	12 13	13 37	13 44	27 20	17 16	4 59							
T 9	9 38	23 34	5 16	10 10	0 22	6 25	1 15	5 15	1 16	11 47	1 25	12 58	1 57	2 37	0 43	9 14	1 45	22 54	12 13	13 37	13 43	27 21	17 17	4 59							
W10	10 0	19 18	5 6	10 51	0 15	6 54	1 13	5 0	1 16	11 48	1 25	12 58	1 57	2 36	0 43	9 15	1 45	22 54	12 14	13 37	13 42	27 22	17 18	4 59							
T11	10 22	14 7	4 38	11 32	0 8	7 24	1 12	4 45	1 16	11 48	1 25	12 59	1 57	2 34	0 43	9 15	1 45	22 54	12 14	13 37	13 41	27 23	17 18	4 58							
F12	10 44	8 21	3 56	12 12	0 1	7 53	1 11	4 31	1 16	11 49	1 25	12 59	1 57	2 33	0 43	9 16	1 45	22 54	12 14	13 36	13 40	27 23	17 19	4 58							
S13	11 5	2 19	3 2	12 51	0s 5	8 22	1 9	4 16	1 16	11 49	1 24	12 59	1 57	2 32	0 43	9 17	1 45	22 54	12 15	13 36	13 39	27 24	17 20	4 58							
S14	11 26	3n43	1 59	13 30	0 12	8 51	1 8	4 1	1 16	11 49	1 24	13 0	1 57	2 30	0 43	9 18	1 45	22 54	12 15	13 36	13 38	27 25	17 21	4 58							
M15	11 48	9 30	0 52	14 8	0 19	9 20	1 6	3 46	1 16	11 49	1 24	13 0	1 57	2 29	0 43	9 19	1 45	22 54	12 16	13 36	13 37	27 26	17 22	4 58							
T16	12 8	14 50	0n17	14 45	0 25	9 48	1 5	3 31	1 16	11 49	1 24	13 0	1 57	2 28	0 43	9 19	1 45	22 54	12 16	13 36	13 36	27 26	17 23	4 58							
W17	12 29	19 30	1 24	15 22	0 32	10 17	1 3	3 16	1 16	11 49	1 24	13 1	1 56	2 27	0 43	9 20	1 45	22 54	12 16	13 36	13 35	27 27	17 24	4 57							
T18	12 50	23 17	2 26	15 57	0 39	10 45	1 2	3 1	1 16	11 49	1 23	13 1	1 56	2 25	0 43	9 21	1 45	22 54	12 17	13 36	13 34	27 28	17 25	4 57							
F19	13 10	26 2	3 21	16 32	0 45	11 12	1 0	2 47	1 16	11 49	1 23	13 1	1 56	2 24	0 43	9 22	1 45	22 54	12 17	13 36	13 33	27 29	17 26	4 57							
S20	13 30	27 36	4 7	17 6	0 51	11 40	0 58	2 32	1 16	11 49	1 23	13 1	1 56	2 23	0 43	9 23	1 45	22 54	12 17	13 36	13 32	27 29	17 26	4 57							
S21	13 50	27 54	4 43	17 40	0 58	12 7	0 56	2 17	1 16	11 49	1 23	13 1	1 56	2 22	0 43	9 23	1 45	22 54	12 18	13 36	13 30	27 30	17 27	4 57							
M22	14 10	26 55	5 6	18 12	1 4	12 34	0 55	2 2	1 16	11 49	1 22	13 1	1 56	2 21	0 43	9 24	1 45	22 54	12 18	13 36	13 29	27 31	17 28	4 57							
T23	14 29	24 42	5 17	18 44	1 10	13 1	0 53	1 47	1 16	11 48	1 22	13 1	1 56	2 19	0 43	9 25	1 45	22 54	12 19	13 36	13 28	27 31	17 29	4 57							
W24	14 49	21 20	5 13	19 14	1 16	13 27	0 51	1 32	1 16	11 48	1 22	13 1	1 56	2 18	0 43	9 26	1 45	22 54	12 19	13 36	13 27	27 32	17 30	4 57							
T25	15 8	16 59	4 55	19 44	1 22	13 53	0 49	1 17	1 16	11 47	1 22	13 1	1 55	2 17	0 43	9 26	1 45	22 54	12 20	13 36	13 26	27 33	17 31	4 56							
F26	15 26	11 46	4 23	20 13	1 28	14 19	0 47	1 2	1 16	11 46	1 22	13 1	1 55	2 16	0 44	9 27	1 45	22 54	12 20	13 36	13 25	27 33	17 32	4 56							
S27	15 45	5 53	3 35	20 40	1 33	14 44	0 45	0 47	1 16	11 46	1 21	13 1	1 55	2 15	0 44	9 28	1 45	22 54	12 20	13 36	13 24	27 34	17 32	4 56							
S28	16 3	0s27	2 34	21 7	1 38	15 9	0 43	0 32	1 16	11 45	1 21	13 1	1 55	2 14	0 44	9 29	1 45	22 54	12 21	13 36	13 23	27 35	17 33	4 56							
M29	16 21	6 58	1 23	21 33	1 44	15 33	0 41	0 17	1 16	11 44	1 21	13 0	1 55	2 13	0 44	9 30	1 45	22 54	12 21	13 37	13 22	27 35	17 34	4 56							
T30	16 39	13 20	0 4	21 57	1 49	15 58	0 38	0 2	1 16	11 43	1 21	13 0	1 55	2 11	0 44	9 30	1 45	22 54	12 22	13 37	13 21	27 36	17 35	4 56							
W31	16s56	19s 5	1s17	22s21	1s53	16s21	0n36	0s12	1n16	11s42	1s21	13s 0	1s55	2n10	0n44	9s31	1n45	22n54	12n22	13n37	13n20	27n37	17s36	4n56							

Julian Day Number = 2256057.5, Delta T = 06m02s
Ecliptic obliquity = 23°30'40, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°16'22, Lahiri = 16°23'22 Julian Calendar 1 Oct. 1464 == Greg. Calendar 10 Oct. 1464

ASTRODIENST EPHEMERIS for the year 1464
geocentric

NOVEMBER 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 17 9	17 ¹¹ 54'30	5 ²⁷ 5	2 ⁵² 52	18 ¹¹ 9	4 ⁴ 3	3 ¹ 0	0 ¹ 50	26 ¹¹ 16	29 ² 2	0 ¹ 21	6 ¹ 8	5 ¹ 15	28 ¹¹ 24	13 ²⁷ 38	T 1
F 2	3 21 6	18 ¹⁰ 55'06	20 ² 2	4 ²¹	19 ²⁵	4 ⁴⁰	3 ²	0 ⁵¹	26 ¹⁹	29 ⁵	0 ²²	6 ¹ 8	5 ¹²	28 ³¹	13 ⁴⁵	F 2
S 3	3 25 2	19 ⁹ 55'43	4 ³ 54	5 ⁴⁹	20 ⁴⁰	5 ¹⁷	3 ⁵	0 ⁵²	26 ²¹	29 ⁷	0 ²³	6 ⁵	5 ⁹	28 ³⁸	13 ⁵¹	S 3
S 4	3 28 59	20 ⁸ 56'22	19 ³⁴	7 ¹⁷	21 ⁵⁶	5 ⁵⁴	3 ⁸	0 ⁵³	26 ²⁴	29 ⁹	0 ²³	6 ³	5 ⁶	28 ⁴⁴	13 ⁵⁷	S 4
M 5	3 32 55	21 ⁵ 57'02	3 ⁵⁷	8 ⁴⁴	23 ¹¹	6 ³²	3 ¹¹	0 ⁵⁴	26 ²⁶	29 ¹¹	0 ²⁴	6 ²	5 ³	28 ⁵¹	14 ⁴	M 5
T 6	3 36 52	22 ⁵ 57'43	17 ⁵⁹	10 ¹¹	24 ²⁷	7 ⁹	3 ¹⁵	0 ⁵⁵	26 ²⁹	29 ¹³	0 ²⁵	6 ¹ D	5 ⁰	28 ⁵⁸	14 ¹⁰	T 6
W 7	3 40 48	23 ⁵ 58'25	1 ¹ 40	11 ³⁷	25 ⁴²	7 ⁴⁶	3 ¹⁸	0 ⁵⁶	26 ³¹	29 ¹⁵	0 ²⁵	6 ¹	4 ⁵⁶	29 ⁴	14 ¹⁷	W 7
T 8	3 44 45	24 ⁵ 59'08	15 ¹	13 ²	26 ⁵⁷	8 ²³	3 ²²	0 ⁵⁷	26 ³⁴	29 ¹⁷	0 ²⁶	6 ²	4 ⁵³	29 ¹¹	14 ²³	T 8
F 9	3 48 41	25 ⁵ 59'52	28 ³	14 ²⁶	28 ¹³	9 ⁰	3 ²⁶	0 ⁵⁹	26 ³⁶	29 ¹⁹	0 ²⁶	6 ³	4 ⁵⁰	29 ¹⁸	14 ³⁰	F 9
S 10	3 52 38	27 ⁰ 37	10 ¹ 49	15 ⁴⁹	29 ²⁸	9 ³⁸	3 ³⁰	1 ⁰	26 ³⁸	29 ²¹	0 ²⁶	6 ⁵	4 ⁴⁷	29 ²⁵	14 ³⁷	S 10
S 11	3 56 35	28 ⁰ 1'23	23 ²¹	17 ¹²	0 ¹ 44	10 ¹⁵	3 ³⁵	1 ²	26 ⁴¹	29 ²³	0 ²⁷	6 ⁶	4 ⁴⁴	29 ³¹	14 ⁴³	S 11
M12	4 0 31	29 ⁰ 2'10	5 ¹ 41	18 ³³	1 ⁵⁹	10 ⁵²	3 ³⁹	1 ⁴	26 ⁴³	29 ²⁵	0 ²⁷	6 ¹ R	4 ⁴¹	29 ³⁸	14 ⁵⁰	M12
T 13	4 4 28	0 ¹ 2'58	17 ⁵²	19 ⁵²	3 ¹⁵	11 ²⁹	3 ⁴⁴	1 ⁵	26 ⁴⁵	29 ²⁷	0 ²⁸	6 ⁶	4 ³⁷	29 ⁴⁵	14 ⁵⁶	T 13
W14	4 8 24	1 ⁰ 3'48	29 ⁵⁶	21 ¹⁰	4 ³⁰	12 ⁶	3 ⁴⁹	1 ⁷	26 ⁴⁷	29 ²⁹	0 ²⁸	6 ⁴	4 ³⁴	29 ⁵¹	15 ³	W14
T 15	4 12 21	2 ⁰ 4'39	11 ¹ 54	22 ²⁶	5 ⁴⁶	12 ⁴³	3 ⁵⁴	1 ⁹	26 ⁴⁹	29 ³¹	0 ²⁸	6 ¹	4 ³¹	29 ⁵⁸	15 ¹⁰	T 15
F 16	4 16 17	3 ⁰ 5'31	23 ⁴⁷	23 ⁴⁰	7 ¹	13 ²⁰	3 ⁵⁹	1 ¹²	26 ⁵¹	29 ³³	0 ²⁸	5 ⁵⁷	4 ²⁸	0 ⁵ 5	15 ¹⁶	F 16
S 17	4 20 14	4 ⁰ 6'24	5 ⁵ 38	24 ⁵²	8 ¹⁶	13 ⁵⁷	4 ⁵	1 ¹⁴	26 ⁵³	29 ³⁵	0 ²⁹	5 ⁵¹	4 ²⁵	0 ¹¹	15 ²³	S 17
S 18	4 24 10	5 ⁰ 7'19	17 ²⁹	26 ⁰	9 ³²	14 ³⁴	4 ¹⁰	1 ¹⁶	26 ⁵⁵	29 ³⁷	0 ²⁹	5 ⁴⁶	4 ²¹	0 ¹⁸	15 ³⁰	S 18
M19	4 28 7	6 ⁰ 8'14	29 ²²	27 ⁵	10 ⁴⁷	15 ¹¹	4 ¹⁶	1 ¹⁹	26 ⁵⁷	29 ³⁹	0 ²⁹	5 ⁴¹	4 ¹⁸	0 ²⁵	15 ³⁷	M19
T 20	4 32 4	7 ⁰ 9'11	11 ¹ 20	28 ⁶	12 ³	15 ⁴⁸	4 ²²	1 ²¹	26 ⁵⁹	29 ⁴¹	0 ²⁹	5 ³⁷	4 ¹⁵	0 ³²	15 ⁴³	T 20
W21	4 36 0	8 ⁰ 10'09	23 ²⁸	29 ³	13 ¹⁸	16 ²⁵	4 ²⁸	1 ²⁴	27 ⁰ 1	29 ⁴³	0 ²⁹	5 ³⁴	4 ¹²	0 ³⁸	15 ⁵⁰	W21
T 22	4 39 57	9 ⁰ 11'08	5 ¹ 50	29 ⁵⁵	14 ³⁴	17 ²	4 ³⁵	1 ²⁷	27 ³	29 ⁴⁵	0 ²⁹	5 ¹ D33	4 ⁹	0 ⁴⁵	15 ⁵⁷	T 22
F 23	4 43 53	10 ⁰ 12'08	18 ³⁰	0 ¹ 41	15 ⁴⁹	17 ³⁹	4 ⁴¹	1 ²⁹	27 ⁴	29 ⁴⁶	0 ¹ R29	5 ³³	4 ⁶	0 ⁵²	16 ⁴	F 23
S 24	4 47 50	11 ⁰ 13'10	1 ¹ 32	1 ²¹	17 ⁴	18 ¹⁶	4 ⁴⁸	1 ³²	27 ⁶	29 ⁴⁸	0 ²⁹	5 ³⁵	4 ²	0 ⁵⁸	16 ¹⁰	S 24
S 25	4 51 46	12 ⁰ 14'12	14 ⁵⁹	1 ⁵³	18 ²⁰	18 ⁵³	4 ⁵⁵	1 ³⁵	27 ⁸	29 ⁵⁰	0 ²⁹	5 ³⁶	3 ⁵⁹	1 ⁵	16 ¹⁷	S 25
M26	4 55 43	13 ⁰ 15'16	28 ⁵⁵	2 ¹⁷	19 ³⁵	19 ³⁰	5 ²	1 ³⁸	27 ⁹	29 ⁵²	0 ²⁹	5 ¹ R37	3 ⁵⁶	1 ¹²	16 ²⁴	M26
T 27	4 59 39	14 ⁰ 16'21	13 ¹ 18	2 ³²	20 ⁵¹	20 ⁷	5 ⁹	1 ⁴²	27 ¹¹	29 ⁵⁴	0 ²⁹	5 ³⁷	3 ⁵³	1 ¹⁸	16 ³¹	T 27
W28	5 3 36	15 ⁰ 17'26	28 ⁶	2 ¹ R36	22 ⁶	20 ⁴⁴	5 ¹⁶	1 ⁴⁵	27 ¹²	29 ⁵⁵	0 ²⁹	5 ³⁵	3 ⁵⁰	1 ²⁵	16 ³⁷	W28
T 29	5 7 33	16 ⁰ 18'33	13 ¹ 13	2 ³¹	23 ²²	21 ²⁰	5 ²⁴	1 ⁴⁸	27 ¹⁴	29 ⁵⁷	0 ²⁹	5 ³²	3 ⁴⁷	1 ³²	16 ⁴⁴	T 29
F 30	5 11 29	17 ¹ 19'40	28 ¹ 29	2 ³ 14	24 ¹ 37	21 ¹ 57	5 ¹ 31	1 ¹ 52	27 ¹⁵	29 ⁵⁹	0 ¹ 29	5 ¹ 26	3 ¹ 43	1 ² 39	16 ¹ 51	F 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17s13	23s44	2s33	22s43	1s58	16s45	0n34	0s27	1n16	11s41	1s20	12s59	1s54	2n9	0n44	9s32
F 2	17 30	26 47	3 40	23 5	2 2	17 7	0 32	0 42	1 16	11 40	1 20	12 59	1 54	2 8	0 44	9 33
S 3	17 46	27 56	4 31	23 25	2 6	17 30	0 30	0 57	1 16	11 39	1 20	12 59	1 54	2 7	0 44	9 33
S 4	18 3	27 5	5 3	23 44	2 10	17 52	0 27	1 12	1 16	11 37	1 20	12 58	1 54	2 6	0 44	9 34
M 5	18 19	24 26	5 16	24 1	2 13	18 13	0 25	1 27	1 16	11 36	1 19	12 58	1 54	2 5	0 44	9 35
T 6	18 34	20 23	5 9	24 17	2 16	18 34	0 23	1 41	1 15	11 35	1 19	12 57	1 54	2 4	0 44	9 35
W 7	18 49	15 21	4 45	24 32	2 19	18 54	0 21	1 56	1 15	11 33	1 19	12 57	1 54	2 3	0 44	9 36
T 8	19 4	9 42	4 6	24 46	2 21	19 14	0 18	2 11	1 15	11 31	1 19	12 56	1 53	2 2	0 44	9 37
F 9	19 19	3 45	3 15	24 58	2 23	19 34	0 16	2 26	1 15	11 30	1 19	12 55	1 53	2 2	0 44	9 38
S 10	19 33	2n13	2 15	25 9	2 25	19 53	0 14	2 40	1 15	11 28	1 18	12 55	1 53	2 1	0 44	9 38
S 11	19 47	8 1	1 10	25 19	2 26	20 11	0 11	2 55	1 15	11 26	1 18	12 54	1 53	2 0	0 44	9 39
M12	20 0	13 25	0 2	25 27	2 26	20 29	0 9	3 10	1 15	11 24	1 18	12 53	1 53	1 59	0 44	9 40
T 13	20 13	18 14	1n 4	25 33	2 26	20 46	0 6	3 24	1 15	11 22	1 18	12 52	1 53	1 58	0 44	9 40
W14	20 26	22 16	2 7	25 38	2 26	21 2	0 4	3 39	1 15	11 20	1 17	12 52	1 53	1 57	0 44	9 41
T 15	20 38	25 19	3 4	25 42	2 25	21 18	0 2	3 53	1 15	11 18	1 17	12 51	1 52	1 56	0 44	9 42
F 16	20 50	27 14	3 52	25 44	2 23	21 33	0s 1	4 8	1 15	11 16	1 17	12 50	1 52	1 56	0 44	9 42
S 17	21 2	27 53	4 30	25 44	2 20	21 48	0 3	4 22	1 15	11 14	1 17	12 49	1 52	1 55	0 44	9 43
S 18	21 13	27 16	4 57	25 43	2 16	22 2	0 6	4 37	1 15	11 12	1 17	12 48	1 52	1 54	0 44	9 44
M19	21 24	25 24	5 10	25 41	2 12	22 16	0 8	4 51	1 15	11 10	1 16	12 47	1 52	1 53	0 44	9 44
T 20	21 34	22 24	5 11	25 37	2 7	22 28	0 10	5 6	1 14	11 7	1 16	12 46	1 52	1 53	0 44	9 45
W21	21 44	18 24	4 57	25 31	2 1	22 40	0 13	5 20	1 14	11 5	1 16	12 45	1 52	1 52	0 44	9 45
T 22	21 54	13 34	4 30	25 24	1 53	22 52	0 15	5 34	1 14	11 2	1 16	12 44	1 51	1 51	0 44	9 46
F 23	22 3	8 4	3 49	25 15	1 45	23 3	0 17	5 48	1 14	11 0	1 16	12 43	1 51	1 51	0 44	9 47
S 24	22 11	2 4	2 55	25 5	1 35	23 13	0 20	6 3	1 14	10 57	1 15	12 41	1 51	1 50	0 44	9 47
S 25	22 20	4s14	1 50	24 54	1 24	23 22	0 22	6 17	1 14	10 54	1 15	12 40	1 51	1 49	0 44	9 48
M26	22 27	10 33	0 36	24 41	1 12	23 31	0 25	6 31	1 14	10 52	1 15	12 39	1 51	1 49	0 45	9 48
T 27	22 35	16 32	0s42	24 28	0 58	23 38	0 27	6 45	1 14	10 49	1 15	12 38	1 51	1 48	0 45	9 49
W28	22 42	21 44	1 59	24 13	0 43	23 46	0 29	6 59	1 14	10 46	1 15	12 36	1 51	1 48	0 45	9 50
T 29	22 48	25 35	3 10	23 56	0 27	23 52	0 31	7 13	1 13	10 43	1 14	12 35	1 51	1 47	0 45	9 50
F 30	22s54	27s37	4s7	23s39	0s10	23s58	0s34	7s27	1n13	10s40	1s14	12s34	1s50	1n47	0n45	9s51

Julian Day Number = 2256088.5, Delta T = 06m02s

Ecliptic obliquity = 23°30'39", Nutation = - 0°00'11", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°16'26", Lahiri = 16°23'27" Julian Calendar 1 Nov. 1464 == Greg. Calendar 10 Nov. 1464

ASTRODIENST EPHEMERIS for the year 1464

geocentric

DECEMBER 1464 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	5 15 26	18°20'48	13°34'3	1°R45	25°25'3	22°22'34	5°H39	1°H55	27°16'16	0°M 0	0°R28	5°R19	3°B40	1°B45	16°25'8	S 1
S 2	5 19 22	19°21'56	28°46	1°B 4	27° 8	23°11	5°47	1°59	27°18	0° 2	0°M28	5°B12	3°37	1°52	17° 4	S 2
M 3	5 23 19	20°23'05	13°28'28	0°13	28°23	23°47	5°55	2° 3	27°19	0° 4	0°28	5° 6	3°34	1°59	17°11	M 3
T 4	5 27 15	21°24'13	27°44	29°21'11	29°39	24°24	6° 4	2° 7	27°20	0° 5	0°27	5° 2	3°31	2° 5	17°18	T 4
W 5	5 31 12	22°25'22	11°H32	28° 1	0°B54	25° 1	6°12	2°11	27°21	0° 7	0°27	4°59	3°27	2°12	17°25	W 5
T 6	5 35 9	23°26'31	24°52	26°44	2°10	25°37	6°20	2°15	27°22	0° 8	0°27	4°D59	3°24	2°19	17°31	T 6
F 7	5 39 5	24°27'40	7°V49	25°23	3°25	26°14	6°29	2°19	27°23	0°10	0°26	4°59	3°21	2°25	17°38	F 7
S 8	5 43 2	25°28'49	20°25	24° 0	4°41	26°51	6°38	2°23	27°24	0°11	0°26	5° 1	3°18	2°32	17°45	S 8
S 9	5 46 58	26°29'58	2°B45	22°39	5°56	27°27	6°47	2°27	27°25	0°13	0°25	5°R 1	3°15	2°39	17°51	S 9
M10	5 50 55	27°31'07	14°53	21°22	7°11	28° 4	6°56	2°32	27°25	0°14	0°25	5° 1	3°12	2°46	17°58	M10
T 11	5 54 51	28°32'17	26°53	20°11	8°27	28°40	7° 5	2°36	27°26	0°15	0°24	4°58	3° 8	2°52	18° 5	T 11
W12	5 58 48	29°33'26	8°H48	19° 8	9°42	29°17	7°15	2°41	27°27	0°17	0°24	4°53	3° 5	2°59	18°12	W12
T 13	6 2 44	0°B34'35	20°40	18°14	10°57	29°53	7°24	2°45	27°27	0°18	0°23	4°45	3° 2	3° 6	18°18	T 13
F 14	6 6 41	1°35'45	2°B32	17°31	12°13	0°M29	7°34	2°50	27°28	0°19	0°23	4°35	2°59	3°12	18°25	F 14
S 15	6 10 38	2°36'55	14°24	16°58	13°28	1° 6	7°44	2°55	27°29	0°21	0°22	4°24	2°56	3°19	18°31	S 15
S 16	6 14 34	3°38'05	26°18	16°35	14°43	1°42	7°53	2°59	27°29	0°22	0°21	4°11	2°53	3°26	18°38	S 16
M17	6 18 31	4°39'14	8°H15	16°22	15°59	2°18	8° 3	3° 4	27°29	0°23	0°21	4° 0	2°49	3°33	18°45	M17
T 18	6 22 27	5°40'24	20°18	16°D19	17°14	2°55	8°14	3° 9	27°30	0°24	0°20	3°50	2°46	3°39	18°51	T 18
W19	6 26 24	6°41'34	2°M29	16°25	18°29	3°31	8°24	3°14	27°30	0°26	0°19	3°42	2°43	3°46	18°58	W19
T 20	6 30 20	7°42'45	14°51	16°39	19°45	4° 7	8°34	3°20	27°30	0°27	0°18	3°36	2°40	3°53	19° 4	T 20
F 21	6 34 17	8°43'55	27°27	17° 1	21° 0	4°43	8°45	3°25	27°30	0°28	0°17	3°34	2°37	3°59	19°11	F 21
S 22	6 38 13	9°45'05	10°B22	17°29	22°15	5°19	8°55	3°30	27°31	0°29	0°17	3°D33	2°33	4° 6	19°17	S 22
S 23	6 42 10	10°46'15	23°39	18° 4	23°31	5°56	9° 6	3°35	27°31	0°30	0°16	3°33	2°30	4°13	19°23	S 23
M24	6 46 7	11°47'26	7°M22	18°44	24°46	6°32	9°17	3°41	27°R31	0°31	0°15	3°R34	2°27	4°19	19°30	M24
T 25	6 50 3	12°48'36	21°33	19°29	26° 1	7° 8	9°28	3°46	27°31	0°32	0°14	3°32	2°24	4°26	19°36	T 25
W26	6 54 0	13°49'47	6°H10	20°19	27°16	7°44	9°39	3°52	27°30	0°33	0°13	3°29	2°21	4°33	19°43	W26
T 27	6 57 56	14°50'57	21°10	21°12	28°32	8°20	9°50	3°57	27°30	0°34	0°12	3°22	2°18	4°40	19°49	T 27
F 28	7 1 53	15°52'07	6°B25	22°10	29°47	8°56	10° 1	4° 3	27°30	0°35	0°11	3°13	2°14	4°46	19°55	F 28
S 29	7 5 49	16°53'17	21°45	23°10	1°22	9°31	10°12	4° 9	27°30	0°35	0°10	3° 2	2°11	4°53	20° 1	S 29
S 30	7 9 46	17°54'26	6°B58	24°13	2°17	10° 7	10°24	4°15	27°29	0°36	0° 9	2°51	2° 8	5° 0	20° 8	S 30
M31	7 13 43	18°55'35	21°B53	25°21'19	3°22'32	10°M43	10°H35	4°H21	27°M29	0°M37	0°M 8	2°B41	2°B 5	5°B 6	20°21'14	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	23s 0	27s34	4s47	23s21	0n 9	24s 3	0s36	7s40	1n13	10s37	1s14	12s32	1s50	1n46	0n45	9s51
S 2	23 5	28 28	5 7	23 2	0 28	24 7	0 38	7 54	1 13	10 34	1 14	12 31	1 50	1 46	0 45	9 52
M 3	23 10	21 42	5 5	22 42	0 48	24 10	0 40	8 8	1 13	10 31	1 14	12 29	1 50	1 45	0 45	9 52
T 4	23 14	16 45	4 45	22 22	1 8	24 13	0 43	8 22	1 13	10 27	1 14	12 28	1 50	1 45	0 45	9 53
W 5	23 18	11 5	4 8	22 2	1 28	24 15	0 45	8 35	1 13	10 24	1 13	12 26	1 50	1 45	0 45	9 53
T 6	23 21	5 5	3 19	21 41	1 47	24 16	0 47	8 49	1 12	10 21	1 13	12 25	1 50	1 44	0 45	9 54
F 7	23 24	0n57	2 21	21 21	2 5	24 17	0 49	9 2	1 12	10 17	1 13	12 23	1 50	1 44	0 45	9 54
S 8	23 26	6 48	1 18	21 2	2 21	24 17	0 51	9 15	1 12	10 14	1 13	12 22	1 49	1 44	0 45	9 55
S 9	23 28	12 16	0 12	20 44	2 35	24 16	0 53	9 29	1 12	10 10	1 13	12 20	1 49	1 43	0 45	9 55
M10	23 29	17 12	0n53	20 28	2 46	24 14	0 55	9 42	1 12	10 7	1 12	12 18	1 49	1 43	0 45	9 56
T 11	23 30	21 23	1 55	20 14	2 56	24 11	0 57	9 55	1 11	10 3	1 12	12 16	1 49	1 43	0 45	9 56
W12	23 31	24 39	2 51	20 2	3 2	24 8	0 59	10 8	1 11	10 0	1 12	12 15	1 49	1 42	0 45	9 56
T 13	23 31	26 50	3 39	19 53	3 7	24 4	1 1	10 21	1 11	9 56	1 12	12 13	1 49	1 42	0 45	9 57
F 14	23 30	27 47	4 18	19 47	3 9	23 59	1 2	10 34	1 11	9 52	1 12	12 11	1 49	1 42	0 45	9 57
S 15	23 29	27 27	4 45	19 44	3 9	23 53	1 4	10 47	1 11	9 48	1 12	12 9	1 49	1 42	0 45	9 58
S 16	23 28	25 52	5 0	19 43	3 8	23 47	1 6	11 0	1 10	9 44	1 11	12 7	1 49	1 42	0 45	9 58
M17	23 26	23 7	5 2	19 45	3 4	23 40	1 8	11 13	1 10	9 41	1 11	12 6	1 48	1 42	0 45	9 58
T 18	23 23	19 21	4 51	19 49	3 0	23 32	1 9	11 25	1 10	9 37	1 11	12 4	1 48	1 42	0 45	9 59
W19	23 20	14 45	4 26	19 55	2 55	23 24	1 11	11 38	1 10	9 33	1 11	12 2	1 48	1 41	0 45	9 59
T 20	23 17	9 30	3 49	20 3	2 48	23 15	1 12	11 50	1 9	9 29	1 11	12 0	1 48	1 41	0 45	10 0
F 21	23 13	3 45	3 0	20 12	2 41	23 5	1 14	12 3	1 9	9 24	1 11	11 58	1 48	1 41	0 46	10 0
S 22	23 9	2s17	2 0	20 23	2 33	22 54	1 15	12 15	1 9	9 20	1 11	11 56	1 48	1 41	0 46	10 0
S 23	23 4	8 24	0 52	20 34	2 25	22 43	1 17	12 27	1 9	9 16	1 10	11 54	1 48	1 41	0 46	10 0
M24	22 59	14 20	0s20	20 46	2 16	22 31	1 18	12 39	1 8	9 12	1 10	11 52	1 48	1 41	0 46	10 1
T 25	22 54	19 43	1 34	20 58	2 8	22 18	1 19	12 52	1 8	9 8	1 10	11 50	1 48	1 41	0 46	10 1
W26	22 47	24 5	2 44	21 11	1 58	22 5	1 21	13 4	1 8	9 3	1 10	11 48	1 48	1 42	0 46	10 1
T 27	22 41	26 56	3 44	21 24	1 49	21 51	1 22	13 15	1 8	8 59	1 10	11 45	1 48	1 42	0 46	10 2
F 28	22 34	27 50	4 29	21 37	1 40	21 36	1 23	13 27	1 7	8 55	1 10	11 43	1 47	1 42	0 46	10 2
S 29	22 26	26 36	4 55	21 50	1 31	21 21	1 24	13 39	1 7	8 50	1 10	11 41	1 47	1 42	0 46	10 2
S 30	22 19	23 25	5 0	22 2	1 21	21 5	1 25	13 50	1 7	8 46	1 9	11 39	1 47	1 42	0 46	10 2
M31	22s10	18s44	4s45	22s14	1n12	20s49	1s26	14s 2	1n 6	8s41	1s 9	11s37	1s47	1n42	0n46	10s 3

Julian Day Number = 2256118.5, Delta T = 06m02s

Ecliptic obliquity = 23°30'39", Nutation = -0°00'10", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°16'30", Lahiri = 16°23'31" Julian Calendar 1 Dec. 1464 == Greg. Calendar 10 Dec. 1464