



Astrodienst Ephemeris Tables for the year 1471

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 1471
geocentric

JANUARY 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	7 15 53	19°32'43	3°8'13	26°39'29	27°20'20	27°11'11	4°20'20	20°R12	25°40'40	13°M28	12°R47	6°39'39	6°39'39	9°19'19	3°19'19	T 1
W 2	7 19 50	20°30'49	15°49	27°11	28°35	27°56	4°21	20°8'11	25°41	13°29	12°M46	6°40	5°58	9°26	3°23	W 2
T 3	7 23 46	21°31'53	28°47	27°49	29°50	28°41	4°23	20°10	25°42	13°30	12°45	6°41	5°54	9°32	3°28	T 3
F 4	7 27 43	22°32'57	12°II10	28°32	1°35	29°26	4°24	20° 9	25°43	13°31	12°44	6°43	5°51	9°39	3°33	F 4
S 5	7 31 40	23°34'00	25°59	29°19	2°20	0°31	4°25	20° 8	25°44	13°33	12°43	6°43	5°48	9°46	3°37	S 5
S 6	7 35 36	24°35'03	10°312	0°310	3°35	0°55	4°26	20° 7	25°45	13°34	12°42	6°R44	5°45	9°53	3°42	S 6
M 7	7 39 33	25°36'04	24°46	1° 4	4°50	1°40	4°27	20° 7	25°45	13°35	12°41	6°43	5°42	9°59	3°47	M 7
T 8	7 43 29	26°37'04	9°3135	2° 2	6° 5	2°26	4°27	20° 6	25°46	13°36	12°40	6°41	5°39	10° 6	3°51	T 8
W 9	7 47 26	27°38'04	24°31	3° 3	7°19	3°11	4°28	20° 6	25°47	13°36	12°39	6°39	5°35	10°13	3°56	W 9
T 10	7 51 22	28°39'03	9°M26	4° 7	8°34	3°56	4°R28	20° 5	25°48	13°37	12°38	6°36	5°32	10°19	4° 1	T 10
F 11	7 55 19	29°40'01	24°11	5°13	9°49	4°41	4°28	20° 5	25°48	13°38	12°37	6°33	5°29	10°26	4° 6	F 11
S 12	7 59 16	0°340'58	8°341	6°21	11° 4	5°26	4°27	20°D 5	25°49	13°39	12°36	6°30	5°26	10°33	4°10	S 12
S 13	8 3 12	1°41'55	22°51	7°32	12°19	6°11	4°27	20° 5	25°49	13°40	12°35	6°29	5°23	10°40	4°15	S 13
M14	8 7 9	2°42'51	6°M41	8°44	13°34	6°56	4°26	20° 5	25°50	13°41	12°34	6°D29	5°19	10°46	4°20	M14
T 15	8 11 5	3°43'46	20° 9	9°58	14°49	7°42	4°26	20° 5	25°50	13°41	12°33	6°29	5°16	10°53	4°25	T 15
W16	8 15 2	4°44'41	3°19	11°13	16° 4	8°27	4°25	20° 6	25°50	13°42	12°32	6°31	5°13	11° 0	4°29	W16
T 17	8 18 58	5°45'35	16°12	12°30	17°19	9°12	4°23	20° 6	25°51	13°43	12°31	6°33	5°10	11° 6	4°34	T 17
F 18	8 22 55	6°46'28	28°51	13°49	18°34	9°58	4°22	20° 7	25°51	13°43	12°29	6°34	5° 7	11°13	4°39	F 18
S 19	8 26 51	7°47'20	11°318	15° 9	19°49	10°43	4°20	20° 8	25°51	13°44	12°28	6°R34	5° 4	11°20	4°44	S 19
S 20	8 30 48	8°48'10	23°34	16°30	21° 4	11°29	4°19	20° 8	25°51	13°45	12°27	6°33	5° 0	11°27	4°49	S 20
M21	8 34 45	9°49'00	5°343	17°52	22°19	12°14	4°17	20° 9	25°R51	13°45	12°26	6°29	4°57	11°33	4°53	M21
T 22	8 38 41	10°49'48	17°45	19°15	23°34	13° 0	4°14	20°10	25°51	13°46	12°24	6°25	4°54	11°40	4°58	T 22
W23	8 42 38	11°50'35	29°41	20°39	24°49	13°45	4°12	20°12	25°51	13°46	12°23	6°18	4°51	11°47	5° 3	W23
T 24	8 46 34	12°51'21	11°34	22° 5	26° 4	14°31	4°10	20°13	25°51	13°46	12°22	6°11	4°48	11°53	5° 7	T 24
F 25	8 50 31	13°52'05	23°25	23°31	27°19	15°16	4° 7	20°14	25°51	13°47	12°20	6° 4	4°45	12° 0	5°12	F 25
S 26	8 54 27	14°52'47	5°Y16	24°59	28°34	16° 2	4° 4	20°16	25°50	13°47	12°19	5°57	4°41	12° 7	5°17	S 26
S 27	8 58 24	15°53'28	17°12	26°27	29°49	16°48	4° 1	20°17	25°50	13°48	12°18	5°52	4°38	12°14	5°22	S 27
M28	9 2 20	16°54'07	29°14	27°56	1°34	17°33	3°58	20°19	25°50	13°48	12°16	5°48	4°35	12°20	5°26	M28
T 29	9 6 17	17°54'45	11°328	29°27	2°19	18°19	3°54	20°21	25°49	13°48	12°15	5°46	4°32	12°27	5°31	T 29
W30	9 10 14	18°55'21	23°58	0°34	3°34	19° 5	3°51	20°23	25°49	13°48	12°13	5°D46	4°29	12°34	5°36	W30
T 31	9 14 10	19°55'55	6°II49	2°30	4°49	19°351	3°47	20°325	25°48	13°M48	12°M12	5°347	4°325	12°40	5°40	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22s 5	17n 3	4n43	21s 1	2n27	23s 3	0n26	24s 1	0s32	0s27	1n24	15n47	2s 9	9s25	0n35	14s13
W 2	21 56	20 32	4 6	21 11	2 17	23 7	0 23	24 2	0 33	0 27	1 24	15 47	2 8	9 25	0 35	14 14
T 3	21 47	23 7	3 15	21 22	2 8	23 10	0 20	24 3	0 33	0 27	1 24	15 47	2 8	9 25	0 35	14 14
F 4	21 37	24 29	2 12	21 32	1 58	23 13	0 18	24 4	0 34	0 28	1 25	15 47	2 8	9 26	0 35	14 14
S 5	21 27	24 26	0 59	21 42	1 48	23 14	0 15	24 5	0 34	0 28	1 25	15 47	2 8	9 26	0 35	14 14
S 6	21 16	22 48	0s19	21 53	1 38	23 15	0 12	24 5	0 35	0 28	1 25	15 47	2 7	9 26	0 35	14 15
M 7	21 5	19 38	1 38	22 2	1 28	23 16	0 10	24 6	0 36	0 28	1 25	15 47	2 7	9 27	0 35	14 15
T 8	20 54	15 9	2 51	22 11	1 18	23 15	0 7	24 5	0 36	0 28	1 26	15 47	2 7	9 27	0 35	14 15
W 9	20 42	9 43	3 54	22 20	1 8	23 14	0 4	24 5	0 37	0 28	1 26	15 47	2 6	9 27	0 35	14 15
T 10	20 29	3 44	4 40	22 28	0 59	23 12	0 2	24 5	0 38	0 28	1 26	15 47	2 6	9 27	0 35	14 16
F 11	20 17	2s23	5 7	22 35	0 49	23 9	0s 1	24 4	0 38	0 27	1 26	15 48	2 6	9 27	0 35	14 16
S 12	20 4	8 16	5 14	22 42	0 40	23 6	0 3	24 3	0 39	0 27	1 27	15 48	2 6	9 28	0 35	14 16
S 13	19 50	13 35	5 2	22 47	0 30	23 2	0 6	24 1	0 39	0 27	1 27	15 48	2 5	9 28	0 35	14 16
M14	19 37	18 4	4 32	22 52	0 21	22 57	0 9	24 0	0 40	0 26	1 27	15 48	2 5	9 28	0 35	14 16
T 15	19 22	21 29	3 48	22 56	0 12	22 52	0 11	23 58	0 41	0 25	1 28	15 49	2 5	9 28	0 35	14 17
W16	19 8	23 42	2 52	22 58	0 3	22 46	0 14	23 56	0 41	0 25	1 28	15 49	2 4	9 28	0 35	14 17
T 17	18 53	24 36	1 49	23 0	0s 5	22 39	0 16	23 53	0 42	0 24	1 28	15 50	2 4	9 28	0 35	14 17
F 18	18 38	24 12	0 42	23 1	0 13	22 31	0 19	23 50	0 43	0 23	1 28	15 50	2 4	9 28	0 35	14 17
S 19	18 22	22 36	0n26	23 0	0 21	22 23	0 21	23 48	0 43	0 22	1 29	15 51	2 4	9 28	0 35	14 17
S 20	18 7	19 56	1 32	22 58	0 29	22 14	0 24	23 44	0 44	0 21	1 29	15 51	2 3	9 28	0 35	14 17
M21	17 50	16 26	2 32	22 55	0 37	22 5	0 26	23 41	0 44	0 20	1 29	15 52	2 3	9 28	0 35	14 17
T 22	17 34	12 18	3 26	22 51	0 44	21 55	0 28	23 37	0 45	0 19	1 29	15 52	2 3	9 28	0 35	14 17
W23	17 17	7 43	4 9	22 45	0 51	21 44	0 31	23 33	0 46	0 18	1 30	15 53	2 2	9 28	0 35	14 17
T 24	17 0	2 54	4 42	22 39	0 58	21 32	0 33	23 29	0 46	0 17	1 30	15 53	2 2	9 28	0 35	14 18
F 25	16 43	2n 0	5 2	22 31	1 4	21 20	0 35	23 24	0 47	0 16	1 30	15 54	2 2	9 28	0 35	14 18
S 26	16 25	6 50	5 10	22 21	1 11	21 7	0 38	23 20	0 48	0 14	1 31	15 55	2 1	9 28	0 35	14 18
S 27	16 7	11 27	5 4	22 11	1 17	20 54	0 40	23 15	0 48	0 13	1 31	15 55	2 1	9 28	0 35	14 18
M28	15 49	15 40	4 44	21 59	1 22	20 40	0 42	23 9	0 49	0 11	1 31	15 56	2 1	9 28	0 35	14 18
T 29	15 30	19 18	4 12	21 45	1 28	20 25	0 44	23 4	0 49	0 10	1 31	15 57	2 1	9 28	0 35	14 18
W30	15 12	22 10	3 27	21 31	1 33	20 10	0 46	22 58	0 50	0 8	1 32	15 58	2 0	9 27	0 35	14 18
T 31	14s53	23n59	2n30	21s15	1s38	19s54	0s48	22s52	0s51	0s 6	1n32	15n58	2s 0	9s27	0n35	14s18

Julian Day Number = 2258340.5, Delta T = 05m50s
Ecliptic obliquity = 23°30'29", Nutation = 0°00'18", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°21'35", Lahiri = 16°28'36" Julian Calendar 1 Jan. 1471 == Greg. Calendar 10 Jan. 1471

ASTRODIENST EPHEMERIS for the year 1471

geocentric

FEBRUARY 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	9 18 7	20 ⁵⁶ 27	20 ¹¹ 5	4 ³ 3	6 ⁴ 4	20 ³⁶ 36	3 ⁴³ 43	20 ⁸ 27	25 ⁴⁸ 48	13 ⁴⁹ 49	12 ¹⁰ 10	5 ⁴⁹ 49	4 ²² 22	12 ⁴⁷ 47	5 ⁴⁵ 45	F 1
S 2	9 22 3	21 ⁵⁶ 57	3 ⁴⁸ 48	5 ³⁷ 37	7 ¹⁹ 19	21 ²² 22	3 ³⁹ 39	20 ²⁹ 29	25 ⁴⁷ 47	13 ⁴⁹ 49	12 ⁹ 9	5 ⁴⁹ 49	4 ¹⁹ 19	12 ⁵⁴ 54	5 ⁴⁹ 49	S 2
S 3	9 26 0	22 ⁵⁷ 26	18° 0	7° 12	8° 33	22° 8	3° 35	20° 32	25° 47	13° 49	12° 8	5° 49	4° 16	13° 1	5° 54	S 3
M 4	9 29 56	23 ⁵⁷ 53	2 ⁴⁹ 49	8° 48	9° 48	22° 54	3° 30	20° 34	25° 46	13° 49	12° 6	5° 46	4° 13	13° 7	5° 59	M 4
T 5	9 33 53	24 ⁵⁸ 18	17° 40	10° 24	11° 3	23° 40	3° 25	20° 37	25° 45	13° 49	12° 5	5° 41	4° 10	13° 14	6° 3	T 5
W 6	9 37 49	25 ⁵⁸ 41	2 ⁴⁹ 49	12° 2	12° 18	24° 26	3° 21	20° 39	25° 44	13° 49	12° 3	5° 34	4° 6	13° 21	6° 8	W 6
T 7	9 41 46	26 ⁵⁹ 02	18° 10	13° 41	13° 33	25° 12	3° 16	20° 42	25° 43	13° 49	12° 2	5° 26	4° 3	13° 27	6° 12	T 7
F 8	9 45 43	27 ⁵⁹ 22	3 ⁴⁹ 49	15° 20	14° 48	25° 58	3° 11	20° 45	25° 42	13° 49	12° 0	5° 18	4° 0	13° 34	6° 17	F 8
S 9	9 49 39	28 ⁵⁹ 40	18° 9	17° 1	16° 3	26° 44	3° 5	20° 48	25° 42	13° 49	11° 58	5° 11	3° 57	13° 41	6° 21	S 9
S 10	9 53 36	29 ⁵⁹ 57	2 ⁴⁹ 49	18° 42	17° 17	27° 30	3° 0	20° 51	25° 40	13° 49	11° 57	5° 6	3° 54	13° 48	6° 26	S 10
M 11	9 57 32	1 ⁴⁹ 49	16° 35	20° 25	18° 32	28° 16	2° 55	20° 54	25° 39	13° 48	11° 55	5° 3	3° 51	13° 54	6° 30	M 11
T 12	10 1 29	2° 0'27	0 ⁴⁹ 49	22° 8	19° 47	29° 2	2° 49	20° 57	25° 38	13° 48	11° 54	5° 2	3° 47	14° 1	6° 34	T 12
W 13	10 5 25	3° 0'39	13° 12	23° 53	21° 2	29° 48	2° 43	21° 1	25° 37	13° 48	11° 52	5° 2	3° 44	14° 8	6° 39	W 13
T 14	10 9 22	4° 0'50	25° 57	25° 39	22° 17	0 ⁴⁹ 49	2° 37	21° 4	25° 36	13° 48	11° 51	5° 3	3° 41	14° 14	6° 43	T 14
F 15	10 13 18	5° 1'00	8 ⁴⁹ 49	27° 25	23° 32	1° 20	2° 31	21° 8	25° 35	13° 47	11° 49	5° 3	3° 38	14° 21	6° 48	F 15
S 16	10 17 15	6° 1'08	20° 39	29° 13	24° 46	2° 6	2° 25	21° 12	25° 33	13° 47	11° 47	5° 2	3° 35	14° 28	6° 52	S 16
S 17	10 21 12	7° 1'14	2 ⁴⁹ 49	1 ⁴⁹ 49	26° 1	2° 52	2° 19	21° 15	25° 32	13° 47	11° 46	4° 58	3° 31	14° 35	6° 56	S 17
M 18	10 25 8	8° 1'18	14° 41	2° 52	27° 16	3° 39	2° 12	21° 19	25° 31	13° 46	11° 44	4° 52	3° 28	14° 41	7° 0	M 18
T 19	10 29 5	9° 1'20	26° 36	4° 43	28° 31	4° 25	2° 6	21° 23	25° 29	13° 46	11° 43	4° 42	3° 25	14° 48	7° 5	T 19
W 20	10 33 1	10° 1'21	8 ⁴⁹ 49	6° 35	29° 46	5° 11	1° 59	21° 27	25° 28	13° 45	11° 41	4° 31	3° 22	14° 55	7° 9	W 20
T 21	10 36 58	11° 1'20	20° 19	8° 28	1 ⁴⁹ 49	5° 57	1° 52	21° 31	25° 26	13° 45	11° 39	4° 18	3° 19	15° 1	7° 13	T 21
F 22	10 40 54	12° 1'16	2 ⁴⁹ 49	10° 22	2° 15	6° 44	1° 45	21° 36	25° 24	13° 44	11° 38	4° 5	3° 16	15° 8	7° 17	F 22
S 23	10 44 51	13° 1'11	14° 6	12° 18	3° 30	7° 30	1° 39	21° 40	25° 23	13° 44	11° 36	3° 52	3° 12	15° 15	7° 21	S 23
S 24	10 48 47	14° 1'03	26° 5	14° 14	4° 44	8° 16	1° 32	21° 44	25° 21	13° 43	11° 35	3° 41	3° 9	15° 22	7° 25	S 24
M 25	10 52 44	15° 0'54	8 ⁴⁹ 49	16° 11	5° 59	9° 2	1° 24	21° 49	25° 19	13° 42	11° 33	3° 33	3° 6	15° 28	7° 29	M 25
T 26	10 56 40	16° 0'42	20° 25	18° 9	7° 14	9° 49	1° 17	21° 53	25° 18	13° 42	11° 31	3° 28	3° 3	15° 35	7° 33	T 26
W 27	11 0 37	17° 0'28	2 ⁴⁹ 49	20° 7	8° 29	10° 35	1° 10	21° 58	25° 16	13° 41	11° 30	3° 25	3° 0	15° 42	7° 37	W 27
T 28	11 4 34	18 ⁴⁹ 49	15 ⁴⁹ 49	22 ⁴⁹ 49	9 ⁴⁹ 49	11 ⁴⁹ 49	1 ⁴⁹ 49	22 ⁴⁹ 49	25 ⁴⁹ 49	13 ⁴⁹ 49	11 ⁴⁹ 49	3 ⁴⁹ 49	2 ⁴⁹ 49	15 ⁴⁹ 49	7 ⁴⁹ 49	T 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14s33	24n32	1n24	20s57	1s42	19s37	0s50	22s46	0s51	0s 4	1n32	15n59	2s 0	9s27	0n35	14s18	1n49	20n57	15n10	23s23	23s26	2s21	12s40	6n25			
S 2	14 14	23 38	0 11	20 38	1 46	19 20	0 52	22 39	0 52	0 3	1 32	16 0	1 59	9 27	0 35	14 18	1 49	20 58	15 10	23 23	23 26	2 19	12 38	6 25			
S 3	13 54	21 13	1s 5	20 18	1 50	19 3	0 54	22 33	0 52	0 1	1 32	16 1	1 59	9 26	0 35	14 18	1 49	20 59	15 10	23 23	23 26	2 16	12 37	6 25			
M 4	13 34	17 22	2 19	19 56	1 53	18 45	0 56	22 26	0 53	0n 1	1 33	16 2	1 59	9 26	0 35	14 18	1 49	21 0	15 10	23 23	23 26	2 13	12 36	6 26			
T 5	13 14	12 19	3 26	19 33	1 57	18 26	0 58	22 18	0 54	0 3	1 33	16 3	1 59	9 26	0 35	14 18	1 49	21 0	15 10	23 23	23 27	2 10	12 35	6 26			
W 6	12 54	6 27	4 18	19 9	1 59	18 7	1 0	22 11	0 54	0 5	1 33	16 4	1 58	9 25	0 35	14 18	1 49	21 1	15 11	23 23	23 27	2 7	12 34	6 26			
T 7	12 33	0 12	4 53	18 43	2 2	17 47	1 1	22 3	0 55	0 8	1 33	16 5	1 58	9 25	0 35	14 17	1 49	21 2	15 11	23 24	23 27	2 4	12 32	6 26			
F 8	12 12	6s 0	5 6	18 15	2 4	17 27	1 3	21 55	0 55	0 10	1 34	16 6	1 58	9 25	0 36	14 17	1 49	21 3	15 11	23 24	23 27	2 1	12 31	6 26			
S 9	11 51	11 44	4 58	17 46	2 5	17 6	1 5	21 47	0 56	0 12	1 34	16 7	1 58	9 24	0 36	14 17	1 49	21 4	15 11	23 24	23 27	1 59	12 30	6 26			
S 10	11 30	16 40	4 32	17 16	2 6	16 45	1 6	21 39	0 56	0 14	1 34	16 8	1 57	9 24	0 36	14 17	1 50	21 4	15 11	23 25	23 27	1 56	12 29	6 26			
M 11	11 9	20 30	3 50	16 44	2 7	16 23	1 8	21 30	0 57	0 17	1 34	16 9	1 57	9 24	0 36	14 17	1 50	21 5	15 12	23 25	23 27	1 53	12 28	6 27			
T 12	10 47	23 6	2 56	16 11	2 8	16 1	1 9	21 21	0 58	0 19	1 34	16 10	1 57	9 23	0 36	14 17	1 50	21 6	15 12	23 25	23 27	1 50	12 26	6 27			
W 13	10 26	24 20	1 54	15 36	2 7	15 39	1 11	21 12	0 58	0 22	1 35	16 11	1 56	9 23	0 36	14 17	1 50	21 7	15 12	23 25	23 27	1 47	12 25	6 27			
T 14	10 4	24 15	0 49	15 0	2 7	15 16	1 12	21 2	0 59	0 24	1 35	16 13	1 56	9 22	0 36	14 17	1 50	21 7	15 12	23 25	23 27	1 44	12 24	6 27			
F 15	9 42	22 57	0n18	14 22	2 6	14 52	1 13	20 53	0 59	0 27	1 35	16 14	1 56	9 22	0 36	14 17	1 50	21 8	15 12	23 25	23 27	1 42	12 23	6 27			
S 16	9 20	20 34	1 22	13 43	2 5	14 28	1 15	20 43	1 0	0 29	1 35	16 15	1 56	9 21	0 36	14 16	1 50	21 9	15 12	23 25	23 28	1 39	12 21	6 27			
S 17	8 58	17 18	2 22	13 3	2 3	14 4	1 16	20 33	1 0	0 32	1 35	16 16	1 55	9 21	0 36	14 16	1 50	21 10	15 12	23 25	23 28	1 36	12 20	6 28			
M 18	8 35	13 22	3 15	12 21	2 0	13 40	1 17	20 23	1 1	0 35	1 35	16 17	1 55	9 20	0 36	14 16	1 50	21 10	15 12	23 25	23 28	1 33	12 19	6 28			
T 19	8 13	8 57	3 58	11 38	1 57	13 15	1 18	20 12	1 1	0 37	1 36	16 19	1 55	9 20	0 36	14 16	1 50	21 11	15 12	23 25	23 28	1 30	12 18	6 28			
W 20	7 50	4 13	4 32	10 53	1 54	12 49	1 19	20 2	1 2	0 40	1 36	16 20	1 55	9 19	0 36	14 16	1 50	21 12	15 13	23 26	23 28	1 27	12 17	6 28			
T 21	7 27	0n38	4 53	10 7	1 50	12 24	1 20	19 51	1 2	0 43	1 36	16 21	1 54	9 19	0 36	14 15	1 50	21 12	15 13	23 26	23 28	1 25	12 15	6 28			
F 22	7 4	5 29	5 1	9 19	1 45	11 58	1 21	19 40	1 3	0 46	1 36	16 23	1 54	9 18	0 36	14 15	1 50	21 13	15 13	23 27	23 28	1 22	12 14	6 29			
S 23	6 41	10 8	4 57	8 31	1 40	11 31	1 22	19 28	1 3	0 49	1 36	16 24	1 54	9 17	0 36	14 15	1 50	21 14	15 13	23 27	23 28	1 19	12 13	6 29			
S 24	6 18	14 26	4 39	7 41	1 35	11 5	1 22	19 17	1 4	0 52	1 36	16 25	1 54	9 17	0 36	14 15	1 50	21 14	15 13	23 27	23 28	1 16	12 12	6 29			
M 25	5 55	18 12	4 9	6 50	1 28	10 38	1 23	19 5	1 4	0 55	1 36	16 27	1 53	9 16	0 36	14 15	1 50	21 15	15 13	23 28	23 28	1 13	12 10	6 29			
T 26	5 32	21 14	3 27	5 57	1 22	10 10	1 24	18 53	1 5	0 58	1 36	16 28	1 53	9 15	0 36	14 14	1 50	21 16	15 13	23 28	23 28	1 10	12 9	6 30			
W 27	5 9	23 19	2 34	5 4	1 14	9 43	1 24	18 41	1 5	1 1	1 37	16 30	1 53	9 15	0 36	14 14	1 51	21 16	15 13	23 28	23 28	1 8	12 8	6 30			
T 28	4s45	24n16	1n33	4s 9	1s 7	9s15	1s25	18s29	1s 6	1n 4	1n37	16n31	1s53	9s14	0n36	14s14	1n51	21n17	15n13	23s28	23s29	1s 5	12s 7	6n30			

ASTRODIENST EPHEMERIS for the year 1471

geocentric

MARCH 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	11 8 30	18°59'53	28°47	24°6	10°58	12°8	0°R55	22°8	25°R12	13°R40	11°R27	3°R24	2°53	15°55	7°45	F 1
S 2	11 12 27	19°59'32	12°20	26°6	12°12	12°54	0°48	22°13	25°10	13°39	11°25	3°24	2°50	16°2	7°49	S 2
S 3	11 16 23	20°59'09	26°21	28°6	13°27	13°40	0°40	22°18	25°8	13°38	11°24	3°22	2°47	16°9	7°52	S 3
M 4	11 20 20	21°58'44	10°25	0°5	14°42	14°27	0°33	22°23	25°6	13°37	11°22	3°18	2°44	16°15	7°56	M 4
T 5	11 24 16	22°58'16	25°45	2°5	15°56	15°13	0°25	22°28	25°4	13°36	11°20	3°12	2°41	16°22	8°0	T 5
W 6	11 28 13	23°57'46	10°58	4°3	17°11	15°59	0°17	22°33	25°2	13°35	11°19	3°2	2°37	16°29	8°3	W 6
T 7	11 32 9	24°57'13	26°19	6°1	18°25	16°46	0°10	22°38	25°0	13°35	11°17	2°51	2°34	16°35	8°7	T 7
F 8	11 36 6	25°56'39	11°36	7°57	19°40	17°32	0°2	22°44	24°58	13°34	11°16	2°40	2°31	16°42	8°11	F 8
S 9	11 40 3	26°56'03	26°40	9°51	20°55	18°19	29°54	22°49	24°56	13°33	11°14	2°30	2°28	16°49	8°14	S 9
S 10	11 43 59	27°55'25	11°19	11°43	22°9	19°5	29°47	22°55	24°54	13°32	11°13	2°22	2°25	16°56	8°18	S 10
M 11	11 47 56	28°54'45	25°30	13°32	23°24	19°51	29°39	23°0	24°52	13°31	11°11	2°16	2°22	17°2	8°21	M 11
T 12	11 51 52	29°54'03	9°10	15°18	24°38	20°38	29°31	23°6	24°50	13°30	11°10	2°13	2°18	17°9	8°24	T 12
W 13	11 55 49	0°53'20	22°22	17°0	25°53	21°24	29°23	23°12	24°47	13°28	11°8	2°13	2°15	17°16	8°28	W 13
T 14	11 59 45	1°52'35	5°3	18°39	27°7	22°11	29°16	23°18	24°45	13°27	11°7	2°12	2°12	17°22	8°31	T 14
F 15	12 3 42	2°51'48	17°35	20°13	28°21	22°57	29°8	23°23	24°43	13°26	11°5	2°12	2°9	17°29	8°34	F 15
S 16	12 7 38	3°50'59	29°45	21°43	29°36	23°43	29°0	23°29	24°40	13°25	11°4	2°10	2°6	17°36	8°37	S 16
S 17	12 11 35	4°50'08	11°45	23°8	0°50	24°30	28°53	23°35	24°38	13°24	11°2	2°6	2°2	17°43	8°41	S 17
M 18	12 15 32	5°49'15	23°39	24°27	2°5	25°16	28°45	23°42	24°36	13°23	11°1	1°59	1°59	17°49	8°44	M 18
T 19	12 19 28	6°48'21	5°29	25°41	3°19	26°3	28°37	23°48	24°33	13°22	10°59	1°49	1°56	17°56	8°47	T 19
W 20	12 23 25	7°47'24	17°20	26°49	4°34	26°49	28°30	23°54	24°31	13°20	10°58	1°36	1°53	18°3	8°50	W 20
T 21	12 27 21	8°46'26	29°12	27°51	5°48	27°36	28°22	24°0	24°29	13°19	10°57	1°23	1°50	18°9	8°53	T 21
F 22	12 31 18	9°45'25	11°9	28°47	7°2	28°22	28°15	24°6	24°26	13°18	10°55	1°8	1°47	18°16	8°56	F 22
S 23	12 35 14	10°44'23	23°10	29°37	8°17	29°8	28°7	24°13	24°24	13°16	10°54	0°54	1°43	18°23	8°58	S 23
S 24	12 39 11	11°43'18	5°17	0°20	9°31	29°55	28°0	24°19	24°21	13°15	10°53	0°43	1°40	18°30	9°1	S 24
M 25	12 43 7	12°42'12	17°31	0°57	10°45	0°41	27°53	24°26	24°19	13°14	10°51	0°33	1°37	18°36	9°4	M 25
T 26	12 47 4	13°41'03	29°54	1°27	12°0	1°28	27°45	24°32	24°16	13°12	10°50	0°27	1°34	18°43	9°7	T 26
W 27	12 51 0	14°39'52	12°29	1°51	13°14	2°14	27°38	24°39	24°14	13°11	10°49	0°24	1°31	18°50	9°9	W 27
T 28	12 54 57	15°38'39	25°19	2°8	14°28	3°0	27°31	24°45	24°11	13°10	10°47	0°D23	1°28	18°57	9°12	T 28
F 29	12 58 54	16°37'23	8°25	2°19	15°43	3°47	27°24	24°52	24°9	13°8	10°46	0°23	1°24	19°3	9°14	F 29
S 30	13 2 50	17°36'05	21°53	2°R23	16°57	4°33	27°17	24°59	24°6	13°7	10°45	0°R23	1°21	19°10	9°17	S 30
S 31	13 6 47	18°34'45	5°24	2°21	18°11	5°19	27°10	25°6	24°4	13°5	10°44	0°22	1°18	19°17	9°19	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4s22	23n55	0n24	3s14	0s58	8s47	1s25	18s16	1s6	1n7	1n37	16n33	1s52	9s13	0n36	F 1
S 2	3 58	22 9	0s47	2 18	0 49	8 19	1 26	18 4	1 7	1 10	1 37	16 34	1 52	9 13	0 36	S 2
S 3	3 35	19 0	1 58	1 22	0 40	7 51	1 26	17 51	1 7	1 13	1 37	16 36	1 52	9 12	0 36	S 3
M 4	3 11	14 37	3 4	0 25	0 30	7 22	1 26	17 38	1 8	1 16	1 37	16 37	1 52	9 11	0 36	M 4
T 5	2 48	9 13	3 59	0n32	0 19	6 53	1 26	17 24	1 8	1 19	1 37	16 39	1 51	9 10	0 36	T 5
W 6	2 24	3 11	4 39	1 29	0 8	6 24	1 26	17 11	1 9	1 22	1 37	16 40	1 51	9 10	0 36	W 6
T 7	2 1	3s6	4 58	2 26	0n3	5 55	1 26	16 58	1 9	1 25	1 37	16 42	1 51	9 9	0 36	T 7
F 8	1 37	9 9	4 57	3 23	0 15	5 26	1 26	16 44	1 10	1 28	1 37	16 43	1 51	9 8	0 36	F 8
S 9	1 13	14 34	4 34	4 19	0 27	4 56	1 26	16 30	1 10	1 31	1 37	16 45	1 51	9 7	0 36	S 9
S 10	0 50	18 59	3 54	5 14	0 39	4 27	1 26	16 16	1 11	1 35	1 37	16 46	1 50	9 7	0 36	S 10
M 11	0 26	22 7	3 1	6 8	0 51	3 57	1 26	16 2	1 11	1 38	1 37	16 48	1 50	9 6	0 36	M 11
T 12	0 2	23 50	1 59	7 0	1 3	3 27	1 26	15 47	1 12	1 41	1 37	16 50	1 50	9 5	0 36	T 12
W 13	0n21	24 9	0 52	7 51	1 15	2 57	1 25	15 33	1 12	1 44	1 37	16 51	1 50	9 4	0 36	W 13
T 14	0 45	23 9	0n16	8 40	1 27	2 27	1 25	15 18	1 12	1 47	1 37	16 53	1 50	9 3	0 36	T 14
F 15	1 9	21 1	1 20	9 27	1 39	1 57	1 25	15 3	1 13	1 50	1 37	16 55	1 49	9 2	0 36	F 15
S 16	1 32	17 59	2 20	10 11	1 50	1 27	1 24	14 48	1 13	1 53	1 37	16 56	1 49	9 2	0 36	S 16
S 17	1 56	14 14	3 13	10 53	2 1	0 56	1 24	14 33	1 14	1 56	1 37	16 58	1 49	9 1	0 36	S 17
M 18	2 19	9 58	3 56	11 32	2 11	0 26	1 23	14 18	1 14	1 59	1 37	17 0	1 49	9 0	0 36	M 18
T 19	2 43	5 21	4 29	12 9	2 21	0n4	1 22	14 2	1 14	2 2	1 37	17 1	1 49	8 59	0 36	T 19
W 20	3 6	0 34	4 50	12 42	2 30	0 34	1 21	13 47	1 15	2 5	1 37	17 3	1 48	8 58	0 36	W 20
T 21	3 29	4n15	4 59	13 12	2 38	1 5	1 21	13 31	1 15	2 8	1 37	17 5	1 48	8 57	0 36	T 21
F 22	3 53	8 56	4 55	13 39	2 46	1 35	1 20	13 15	1 16	2 11	1 37	17 7	1 48	8 56	0 36	F 22
S 23	4 16	13 19	4 38	14 3	2 52	2 5	1 19	12 59	1 16	2 14	1 37	17 8	1 48	8 55	0 36	S 23
S 24	4 39	17 12	4 8	14 24	3 28	2 35	1 18	12 43	1 16	2 17	1 37	17 10	1 48	8 54	0 36	S 24
M 25	5 2	20 24	3 26	14 41	3 2	3 6	1 17	12 27	1 17	2 20	1 37	17 12	1 47	8 54	0 36	M 25
T 26	5 25	22 41	2 34	14 54	3 5	3 36	1 16	12 11	1 17	2 23	1 37	17 14	1 47	8 53	0 36	T 26
W 27	5 48	23 54	1 33	15 5	3 7	4 6	1 14	11 55	1 17	2 25	1 37	17 15	1 47	8 52	0 36	W 27
T 28	6 10	23 52	0 27	15 11	3 8	4 36	1 13	11 38	1 18	2 28	1 37	17 17	1 47	8 51	0 36	T 28
F 29	6 33	22 32	0s43	15 14	3 7	5 6	1 12	11 22	1 18	2 31	1 37	17 19	1 47	8 50	0 36	F 29
S 30	6 56	19 53	1 51	15 14	3 5	5 35	1 11	11 5	1 18	2 34	1 37	17 21	1 47	8 49	0 36	S 30
S 31	7n18	16n3	2s56	15n10	3n2	6n5	1s9	10s48	1s19	2n36	1n36	17n22	1s46	8s48	0n36	S 31

Julian Day Number = 2258399.5, Delta T = 05m50s

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

Ayanamsha: Fagan/Bradley = 17°21'44, Lahiri = 16°28'44 Julian Calendar 1 March 1471 == Greg. Calendar 10 March 1471

ASTRODIENST EPHEMERIS for the year 1471

geocentric

APRIL 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	13 10 43	19°33'23	20°0'0	2°R14	19°Y25	6°H 6	27°R 4	25°B13	24°R 1	13°R 4	10°R43	0°R18	1°B15	19°H23	9°≈21	M 1
T 2	13 14 40	20°31'58	4°M38	2°B 0	20°39	6°52	26°M57	25°19	23°B59	13°M 3	10°M41	0°B13	1°12	19°30	9°24	T 2
W 3	13 18 36	21°30'31	19°34	1°41	21°54	7°38	26°50	25°26	23°56	13° 1	10°40	0° 5	1° 8	19°37	9°26	W 3
T 4	13 22 33	22°29'02	4°A41	1°18	23° 8	8°24	26°44	25°33	23°53	13° 0	10°39	29°A55	1° 5	19°44	9°28	T 4
F 5	13 26 29	23°27'31	19°49	0°50	24°22	9°11	26°38	25°40	23°51	12°58	10°38	29°45	1° 2	19°50	9°30	F 5
S 6	13 30 26	24°25'58	4°M47	0°18	25°36	9°57	26°32	25°47	23°48	12°57	10°37	29°36	0°59	19°57	9°32	S 6
S 7	13 34 23	25°24'23	19°27	29°Y43	26°50	10°43	26°25	25°55	23°46	12°55	10°36	29°29	0°56	20° 4	9°34	S 7
M 8	13 38 19	26°22'47	3°A42	29° 6	28° 4	11°29	26°20	26° 2	23°43	12°54	10°35	29°24	0°53	20°10	9°36	M 8
T 9	13 42 16	27°21'09	17°48	28°27	29°18	12°16	26°14	26° 9	23°41	12°52	10°34	29°21	0°49	20°17	9°38	T 9
W10	13 46 12	28°19'29	0°B46	27°47	0°B32	13° 2	26° 8	26°16	23°38	12°50	10°33	29°D21	0°46	20°24	9°39	W10
T 11	13 50 9	29°17'48	13°39	27° 7	1°46	13°48	26° 3	26°23	23°36	12°49	10°32	29°21	0°43	20°31	9°41	T 11
F 12	13 54 5	0°B16'05	26° 9	26°27	3° 1	14°34	25°57	26°31	23°33	12°47	10°31	29°R22	0°40	20°37	9°43	F 12
S 13	13 58 2	1°14'20	8°≈22	25°48	4°15	15°20	25°52	26°38	23°31	12°46	10°30	29°22	0°37	20°44	9°44	S 13
S 14	14 1 58	2°12'34	20°23	25°11	5°29	16° 6	25°47	26°45	23°28	12°44	10°29	29°20	0°33	20°51	9°46	S 14
M15	14 5 55	3°10'47	2°H16	24°37	6°43	16°52	25°42	26°53	23°25	12°43	10°29	29°16	0°30	20°58	9°47	M15
T 16	14 9 52	4° 8'57	14° 7	24° 5	7°57	17°38	25°37	27° 0	23°23	12°41	10°28	29°10	0°27	21° 4	9°49	T 16
W17	14 13 48	5° 7'07	25°59	23°37	9°11	18°24	25°32	27° 8	23°20	12°39	10°27	29° 1	0°24	21°11	9°50	W17
T 18	14 17 45	6° 5'14	7°Y54	23°13	10°25	19°10	25°28	27°15	23°18	12°38	10°26	28°52	0°21	21°18	9°51	T 18
F 19	14 21 41	7° 3'20	19°56	22°52	11°38	19°56	25°24	27°23	23°16	12°36	10°25	28°42	0°18	21°24	9°53	F 19
S 20	14 25 38	8° 1'25	2°B 6	22°36	12°52	20°42	25°19	27°30	23°13	12°34	10°25	28°32	0°14	21°31	9°54	S 20
S 21	14 29 34	8°59'28	14°24	22°25	14° 6	21°28	25°15	27°38	23°11	12°33	10°24	28°24	0°11	21°38	9°55	S 21
M22	14 33 31	9°57'29	26°53	22°18	15°20	22°14	25°12	27°45	23° 8	12°31	10°23	28°18	0° 8	21°45	9°56	M22
T 23	14 37 27	10°55'29	9°H32	22°D16	16°34	23° 0	25° 8	27°53	23° 6	12°30	10°23	28°14	0° 5	21°51	9°57	T 23
W24	14 41 24	11°53'27	22°22	22°18	17°48	23°46	25° 4	28° 0	23° 3	12°28	10°22	28°D12	0° 2	21°58	9°58	W24
T 25	14 45 21	12°51'23	5°B25	22°25	19° 2	24°32	25° 1	28° 8	23° 1	12°26	10°22	28°13	29°A59	22° 5	9°58	T 25
F 26	14 49 17	13°49'18	18°42	22°37	20°16	25°17	24°58	28°16	22°59	12°25	10°21	28°14	29°55	22°11	9°59	F 26
S 27	14 53 14	14°47'10	2°B15	22°54	21°30	26° 3	24°55	28°23	22°56	12°23	10°21	28°15	29°52	22°18	10° 0	S 27
S 28	14 57 10	15°45'01	16° 4	23°14	22°43	26°49	24°52	28°31	22°54	12°21	10°20	28°R15	29°49	22°25	10° 0	S 28
M29	15 1 7	16°42'50	0°M11	23°39	23°57	27°35	24°49	28°39	22°52	12°20	10°20	28°15	29°46	22°32	10° 1	M29
T 30	15 5 3	17°B40'37	14°M34	24°Y 9	25°B11	28°H20	24°M47	28°B47	22°B50	12°M18	10°M19	28°A12	29°A43	22°H38	10°≈ 1	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	7n40	11n12	3s51	15n 3	2n57	6n35	1s 8	10s31	1s19	2n39	1n36	17n24	1s46	8s47	0n36	14s 2
T 2	8 3	5 36	4 33	14 52	2 51	7 4	1 6	10 14	1 19	2 41	1 36	17 26	1 46	8 46	0 36	14 1
W 3	8 25	0s25	4 57	14 38	2 43	7 33	1 5	9 57	1 19	2 44	1 36	17 28	1 46	8 45	0 36	14 1
T 4	8 46	6 28	5 1	14 21	2 34	8 2	1 3	9 40	1 20	2 46	1 36	17 30	1 46	8 44	0 36	14 0
F 5	9 8	12 9	4 44	14 2	2 23	8 31	1 2	9 23	1 20	2 49	1 36	17 31	1 46	8 43	0 36	14 0
S 6	9 30	17 2	4 8	13 40	2 11	9 0	1 0	9 6	1 20	2 51	1 36	17 33	1 45	8 42	0 36	13 59
S 7	9 51	20 47	3 16	13 15	1 58	9 28	0 58	8 49	1 20	2 53	1 36	17 35	1 45	8 41	0 36	13 59
M 8	10 13	23 7	2 12	12 49	1 44	9 56	0 56	8 31	1 21	2 55	1 35	17 37	1 45	8 41	0 36	13 58
T 9	10 34	23 58	1 3	12 21	1 29	10 24	0 55	8 14	1 21	2 58	1 35	17 39	1 45	8 40	0 36	13 58
W10	10 55	23 23	0n 8	11 52	1 14	10 52	0 53	7 56	1 21	3 0	1 35	17 41	1 45	8 39	0 36	13 57
T 11	11 15	21 33	1 16	11 22	0 57	11 20	0 51	7 38	1 21	3 2	1 35	17 42	1 45	8 38	0 36	13 57
F 12	11 36	18 43	2 18	10 52	0 41	11 47	0 49	7 21	1 22	3 4	1 35	17 44	1 45	8 37	0 36	13 56
S 13	11 56	15 7	3 13	10 22	0 24	12 14	0 47	7 3	1 22	3 6	1 35	17 46	1 44	8 36	0 36	13 56
S 14	12 17	10 58	3 58	9 52	0 6	12 41	0 45	6 45	1 22	3 8	1 34	17 48	1 44	8 35	0 36	13 55
M15	12 37	6 27	4 32	9 24	0s11	13 7	0 43	6 27	1 22	3 9	1 34	17 50	1 44	8 34	0 36	13 55
T 16	12 56	1 44	4 55	8 57	0 27	13 33	0 41	6 10	1 22	3 11	1 34	17 51	1 44	8 33	0 36	13 54
W17	13 16	3n 3	5 5	8 31	0 44	13 59	0 39	5 52	1 23	3 13	1 34	17 53	1 44	8 32	0 36	13 54
T 18	13 35	7 45	5 1	8 7	1 0	14 24	0 37	5 34	1 23	3 14	1 34	17 55	1 44	8 31	0 36	13 54
F 19	13 54	12 12	4 45	7 45	1 15	14 49	0 35	5 16	1 23	3 16	1 33	17 57	1 44	8 30	0 36	13 53
S 20	14 13	16 13	4 15	7 26	1 30	15 14	0 32	4 58	1 23	3 17	1 33	17 59	1 43	8 30	0 36	13 53
S 21	14 32	19 36	3 33	7 8	1 44	15 38	0 30	4 40	1 23	3 19	1 33	18 1	1 43	8 29	0 36	13 52
M22	14 51	22 7	2 40	6 54	1 57	16 2	0 28	4 22	1 23	3 20	1 33	18 2	1 43	8 28	0 36	13 52
T 23	15 9	23 34	1 39	6 42	2 9	16 26	0 26	4 4	1 23	3 21	1 33	18 4	1 43	8 27	0 36	13 51
W24	15 27	23 49	0 31	6 32	2 20	16 49	0 23	3 46	1 23	3 23	1 32	18 6	1 43	8 26	0 36	13 51
T 25	15 45	22 45	0s39	6 25	2 31	17 12	0 21	3 27	1 24	3 24	1 32	18 8	1 43	8 25	0 36	13 50
F 26	16 2	20 24	1 49	6 21	2 40	17 34	0 19	3 9	1 24	3 25	1 32	18 10	1 43	8 24	0 36	13 50
S 27	16 19	16 54	2 54	6 19	2 49	17 56	0 16	2 51	1 24	3 26	1 32	18 11	1 43	8 23	0 36	13 49
S 28	16 36	12 24	3 50	6 19	2 56	18 17	0 14	2 33	1 24	3 27	1 32	18 13	1 43	8 23	0 36	13 49
M29	16 53	7 10	4 34	6 23	3 3	18 38	0 12	2 15	1 24	3 28	1 31	18 15	1 43	8 22	0 36	13 48
T 30	17n 9	1n28	5s 1	6n28	3s 9	18n58	0s 9	1s57	1s24	3n28	1n31	18n17	1s42	8s21	0n36	13s48

Julian Day Number = 2258430.5, Delta T = 05m50s

Ecliptic obliquity = 23°30'30, Nutation = 0°00'17, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°21'48, Lahiri = 16°28'48 Julian Calendar 1 Apr. 1471 == Greg. Calendar 10 Apr. 1471

ASTRODIENST EPHEMERIS for the year 1471
geocentric

MAY 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	15 9 0	18°38'22	29°9' 9	24°42' 2	26°8'25	29°4' 6	24°R45	28°8'54	22°R47	12°R17	10°R19	28°R 8	29°4'39	22°4'45	10°4' 2	W 1
T 2	15 12 56	19°36'06	13°4'52	25°19' 2	27°39' 2	29°51' 2	24°M43	29° 2' 2	22°4'45	12°M15	10°M19	28°4' 3	29°36' 2	22°52' 2	10° 2' 2	T 2
F 3	15 16 53	20°33'48	28°37' 2	26° 0' 0	28°52' 2	0°4'37	24°41' 2	29°10' 2	22°43' 2	12°13' 2	10°18' 2	27°57' 2	29°33' 2	22°59' 2	10° 2' 2	F 3
S 4	15 20 50	21°31'29	13°M15	26°45' 2	0°II 6	1°22' 2	24°39' 2	29°18' 2	22°41' 2	12°12' 2	10°18' 2	27°52' 2	29°30' 2	23° 5' 2	10° 2' 2	S 4
S 5	15 24 46	22°29'08	27°39' 2	27°34' 2	1°20' 2	2° 8' 2	24°37' 2	29°25' 2	22°39' 2	12°10' 2	10°18' 2	27°48' 2	29°27' 2	23°12' 2	10° 3' 2	S 5
M 6	15 28 43	23°26'46	11°4'44	28°26' 2	2°33' 2	2°53' 2	24°36' 2	29°33' 2	22°37' 2	12° 9' 2	10°17' 2	27°45' 2	29°24' 2	23°19' 2	10°R 3' 2	M 6
T 7	15 32 39	24°24'23	25°26' 2	29°21' 2	3°47' 2	3°38' 2	24°35' 2	29°41' 2	22°35' 2	12° 7' 2	10°17' 2	27°D44	29°20' 2	23°25' 2	10° 3' 2	T 7
W 8	15 36 36	25°21'59	8°3'44	0°8'19	5° 1' 2	4°24' 2	24°34' 2	29°49' 2	22°33' 2	12° 5' 2	10°17' 2	27°45' 2	29°17' 2	23°32' 2	10° 3' 2	W 8
T 9	15 40 32	26°19'34	21°39' 2	1°21' 2	6°15' 2	5° 9' 2	24°33' 2	29°57' 2	22°31' 2	12° 4' 2	10°17' 2	27°46' 2	29°14' 2	23°39' 2	10° 2' 2	T 9
F 10	15 44 29	27°17'08	4°4'13	2°26' 2	7°28' 2	5°54' 2	24°32' 2	0°II 4	22°29' 2	12° 2' 2	10°17' 2	27°48' 2	29°11' 2	23°46' 2	10° 2' 2	F 10
S 11	15 48 25	28°14'41	16°29' 2	3°34' 2	8°42' 2	6°39' 2	24°32' 2	0°12' 2	22°27' 2	12° 1' 2	10°17' 2	27°49' 2	29° 8' 2	23°52' 2	10° 2' 2	S 11
S 12	15 52 22	29°12'13	28°33' 2	4°45' 2	9°55' 2	7°24' 2	24°31' 2	0°20' 2	22°25' 2	11°59' 2	10°17' 2	27°R50	29° 5' 2	23°59' 2	10° 2' 2	S 12
M13	15 56 19	0°II 9'44	10°4'29	5°59' 2	11° 9' 2	8° 9' 2	24°D31	0°28' 2	22°23' 2	11°58' 2	10°D17	27°49' 2	29° 1' 2	24° 6' 2	10° 1' 2	M13
T 14	16 0 15	1° 7'14	22°21' 2	7°15' 2	12°23' 2	8°55' 2	24°31' 2	0°36' 2	22°21' 2	11°56' 2	10°17' 2	27°48' 2	28°58' 2	24°12' 2	10° 1' 2	T 14
W15	16 4 12	2° 4'43	4°4'15	8°35' 2	13°36' 2	9°40' 2	24°31' 2	0°44' 2	22°19' 2	11°55' 2	10°17' 2	27°45' 2	28°55' 2	24°19' 2	10° 0' 2	W15
T 16	16 8 8	3° 2'12	16°14' 2	9°57' 2	14°50' 2	10°24' 2	24°32' 2	0°51' 2	22°18' 2	11°53' 2	10°17' 2	27°41' 2	28°52' 2	24°26' 2	10° 0' 2	T 16
F 17	16 12 5	3°59'39	28°21' 2	11°22' 2	16° 3' 2	11° 9' 2	24°32' 2	0°59' 2	22°16' 2	11°52' 2	10°17' 2	27°37' 2	28°49' 2	24°33' 2	9°59' 2	F 17
S 18	16 16 1	4°57'06	10°8'39	12°49' 2	17°17' 2	11°54' 2	24°33' 2	1° 7' 2	22°14' 2	11°50' 2	10°17' 2	27°34' 2	28°45' 2	24°39' 2	9°58' 2	S 18
S 19	16 19 58	5°54'32	23°10' 2	14°19' 2	18°31' 2	12°39' 2	24°34' 2	1°15' 2	22°13' 2	11°49' 2	10°17' 2	27°31' 2	28°42' 2	24°46' 2	9°57' 2	S 19
M20	16 23 54	6°51'58	5°II 5'4	15°52' 2	19°44' 2	13°24' 2	24°35' 2	1°23' 2	22°11' 2	11°47' 2	10°18' 2	27°28' 2	28°39' 2	24°53' 2	9°57' 2	M20
T 21	16 27 51	7°49'22	18°53' 2	17°28' 2	20°58' 2	14° 8' 2	24°37' 2	1°31' 2	22°10' 2	11°46' 2	10°18' 2	27°27' 2	28°36' 2	25° 0' 2	9°56' 2	T 21
W22	16 31 48	8°46'46	2°5' 2	19° 6' 2	22°11' 2	14°53' 2	24°38' 2	1°38' 2	22° 8' 2	11°44' 2	10°18' 2	27°D27	28°33' 2	25° 6' 2	9°55' 2	W22
T 23	16 35 44	9°44'08	15°30' 2	20°47' 2	23°25' 2	15°38' 2	24°40' 2	1°46' 2	22° 7' 2	11°43' 2	10°18' 2	27°28' 2	28°30' 2	25°13' 2	9°54' 2	T 23
F 24	16 39 41	10°41'30	29° 8' 2	22°30' 2	24°38' 2	16°22' 2	24°42' 2	1°54' 2	22° 5' 2	11°42' 2	10°19' 2	27°29' 2	28°26' 2	25°20' 2	9°53' 2	F 24
S 25	16 43 37	11°38'50	12°4'57	24°16' 2	25°52' 2	17° 6' 2	24°44' 2	2° 2' 2	22° 4' 2	11°40' 2	10°19' 2	27°30' 2	28°23' 2	25°26' 2	9°51' 2	S 25
S 26	16 47 34	12°36'10	26°56' 2	26° 4' 2	27° 5' 2	17°51' 2	24°46' 2	2° 9' 2	22° 3' 2	11°39' 2	10°19' 2	27°31' 2	28°20' 2	25°33' 2	9°50' 2	S 26
M27	16 51 30	13°33'28	11°M 4	27°55' 2	28°19' 2	18°35' 2	24°48' 2	2°17' 2	22° 1' 2	11°38' 2	10°20' 2	27°R31	28°17' 2	25°40' 2	9°49' 2	M27
T 28	16 55 27	14°30'46	25°19' 2	29°49' 2	29°32' 2	19°19' 2	24°51' 2	2°25' 2	22° 0' 2	11°36' 2	10°20' 2	27°31' 2	28°14' 2	25°47' 2	9°47' 2	T 28
W29	16 59 23	15°28'02	9°4'58	1°II 4'4	0°5'46	20° 4' 2	24°53' 2	2°33' 2	21°59' 2	11°35' 2	10°21' 2	27°30' 2	28°11' 2	25°53' 2	9°46' 2	W29
T 30	17 3 20	16°25'18	23°58' 2	3°43' 2	1°59' 2	20°48' 2	24°56' 2	2°40' 2	21°58' 2	11°34' 2	10°21' 2	27°29' 2	28° 7' 2	26° 0' 2	9°45' 2	T 30
F 31	17 7 17	17°II 22'32	8°M15	5°II 4'3	3°5'12	21°4'32	24°M59	2°II 4'8	21°4'57	11°M32	10°M22	27°4'28	28°4' 4	26°4' 7	9°44'3	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	17n25	4s24	5s10	6n36	3s13	19n18	0s 7	1s39	1s24	3n29	1n31	18n18	1s42	8s20	0n36	13s47
T 2	17 41	10 4	4 58	6 46	3 17	19 37	0 4	1 21	1 24	3 30	1 31	18 20	1 42	8 19	0 36	13 47
F 3	17 57	15 10	4 27	6 58	3 20	19 56	0 2	1 2	1 24	3 30	1 30	18 22	1 42	8 19	0 36	13 46
S 4	18 12	19 20	3 38	7 12	3 23	20 14	0n 0	0 44	1 24	3 31	1 30	18 24	1 42	8 18	0 36	13 46
S 5	18 27	22 14	2 36	7 28	3 24	20 32	0 3	0 26	1 24	3 31	1 30	18 25	1 42	8 17	0 36	13 45
M 6	18 41	23 41	1 26	7 45	3 25	20 49	0 5	0 8	1 24	3 31	1 30	18 27	1 42	8 16	0 36	13 45
T 7	18 56	23 38	0 13	8 5	3 25	21 6	0 8	0n10	1 24	3 32	1 29	18 29	1 42	8 16	0 36	13 44
W 8	19 10	22 14	1n 0	8 26	3 24	21 22	0 10	0 28	1 24	3 32	1 29	18 31	1 42	8 15	0 36	13 44
T 9	19 23	19 40	2 7	8 49	3 22	21 37	0 13	0 46	1 24	3 32	1 29	18 32	1 42	8 14	0 35	13 43
F 10	19 37	16 15	3 6	9 14	3 20	21 52	0 15	1 4	1 24	3 32	1 29	18 34	1 42	8 13	0 35	13 43
S 11	19 50	12 12	3 56	9 39	3 17	22 6	0 17	1 22	1 24	3 32	1 28	18 36	1 42	8 13	0 35	13 42
S 12	20 2	7 44	4 33	10 7	3 13	22 20	0 20	1 40	1 24	3 32	1 28	18 37	1 42	8 12	0 35	13 42
M13	20 15	3 3	4 59	10 35	3 9	22 33	0 22	1 58	1 24	3 32	1 28	18 39	1 41	8 11	0 35	13 41
T 14	20 27	1n44	5 12	11 5	3 4	22 45	0 25	2 16	1 24	3 31	1 28	18 41	1 41	8 11	0 35	13 41
W15	20 38	6 27	5 11	11 35	2 58	22 57	0 27	2 33	1 24	3 31	1 27	18 43	1 41	8 10	0 35	13 41
T 16	20 50	10 58	4 57	12 7	2 52	23 8	0 29	2 51	1 23	3 31	1 27	18 44	1 41	8 9	0 35	13 40
F 17	21 0	15 7	4 30	12 39	2 46	23 18	0 32	3 9	1 23	3 30	1 27	18 46	1 41	8 9	0 35	13 40
S 18	21 11	18 41	3 49	13 13	2 38	23 28	0 34	3 27	1 23	3 30	1 27	18 47	1 41	8 8	0 35	13 39
S 19	21 21	21 29	2 58	13 47	2 31	23 37	0 36	3 44	1 23	3 29	1 26	18 49	1 41	8 8	0 35	13 39
M20	21 31	23 15	1 56	14 22	2 23	23 45	0 39	4 2	1 23	3 28	1 26	18 51	1 41	8 7	0 35	13 38
T 21	21 41	23 49	0 47	14 57	2 14	23 53	0 41	4 19	1 23	3 28	1 26	18 52	1 41	8 7	0 35	13 38
W22	21 50	23 4	0s26	15 33	2 5	24 0	0 43	4 37	1 23	3 27	1 26	18 54	1 41	8 6	0 35	13 38
T 23	21 58	20 59	1 38	16 9	1 55	24 6	0 45	4 54	1 23	3 26	1 25	18 56	1 41	8 6	0 35	13 37
F 24	22 7	17 41	2 46	16 45	1 46	24 11	0 47	5 11	1 22	3 25	1 25	18 57	1 41	8 5	0 35	13 37
S 25	22 15	13 22	3 45	17 21	1 36	24 16	0 50	5 28	1 22	3 24	1 25	18 59	1 41	8 5	0 35	13 36
S 26	22 22	8 18	4 32	17 57	1 25	24 20	0 52	5 46	1 22	3 23	1 25	19 0	1 41	8 4	0 35	13 36
M27	22 30	2 46	5 3	18 33	1 14	24 24	0 54	6 3	1 22	3 22	1 24	19 2	1 41	8 4	0 35	13 36
T 28	22 36	2s58	5 16	19 8	1 3	24 26	0 56	6 20	1 22	3 20	1 24	19 3	1 41	8 3	0 35	13 35
W29	22 43	8 33	5 9	19 43	0 52	24 28	0 58	6 37	1 21	3 19	1 24	19 5	1 41	8 3	0 35	13 35
T 30	22 49	13 42	4 43	20 17	0 41	24 30	1 0	6 53	1 21	3 18	1 24	19 6	1 41	8 2	0 35	13 35
F 31	22n54	18s 4	4s 0	20n50	0s30	24n30	1n 2	7n10	1s21	3n16	1n23	19n 8	1s41	8s 2	0n35	13s34

Julian Day Number = 2258460.5, Delta T = 05m50s
Ecliptic obliquity = 23°30'29", Nutation = 0°00'16", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°21'52", Lahiri = 16°28'52" Julian Calendar 1 May 1471 == Greg. Calendar 10 May 1471

ASTRODIENST EPHEMERIS for the year 1471

geocentric

JUNE 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17 11 13	18II19'46	22III25	7II45	4☾26	22V16	25III 3	2II56	21°R56	11°R31	10III22	27°R27	28♂ 1	26♂14	9°R41	S 1
S 2	17 15 10	19°17'00	6♂24	9°49	5°39	23° 0	25° 6	3° 3	21♂55	11III30	10°23	27♂26	27°58	26°20	9♂40	S 2
M 3	17 19 6	20°14'13	20° 9	11°55	6°53	23°44	25° 9	3°11	21°54	11°29	10°24	27°26	27°55	26°27	9°38	M 3
T 4	17 23 3	21°11'25	3☾36	14° 3	8° 6	24°27	25°13	3°18	21°53	11°28	10°24	27°D26	27°51	26°34	9°36	T 4
W 5	17 26 59	22° 8'37	16°45	16°12	9°19	25°11	25°17	3°26	21°52	11°26	10°25	27°26	27°48	26°40	9°35	W 5
T 6	17 30 56	23° 5'49	29°34	18°22	10°33	25°55	25°21	3°34	21°51	11°25	10°26	27°27	27°45	26°47	9°33	T 6
F 7	17 34 53	24° 3'01	12☾ 7	20°32	11°46	26°38	25°25	3°41	21°50	11°24	10°27	27°27	27°42	26°54	9°31	F 7
S 8	17 38 49	25° 0'12	24°24	22°43	12°59	27°22	25°30	3°49	21°50	11°23	10°27	27°27	27°39	27° 1	9°29	S 8
S 9	17 42 46	25°57'23	6♂29	24°55	14°12	28° 5	25°34	3°56	21°49	11°22	10°28	27°27	27°36	27° 7	9°27	S 9
M10	17 46 42	26°54'34	18°26	27° 6	15°26	28°49	25°39	4° 4	21°48	11°21	10°29	27°27	27°32	27°14	9°25	M10
T 11	17 50 39	27°51'46	0V20	29°17	16°39	29°32	25°44	4°11	21°48	11°20	10°30	27°27	27°29	27°21	9°23	T 11
W12	17 54 35	28°48'57	12°14	19☾27	17°52	0♂15	25°48	4°18	21°47	11°19	10°31	27°28	27°26	27°27	9°20	W12
T 13	17 58 32	29°46'08	24°15	3°36	19° 5	0°59	25°54	4°26	21°47	11°18	10°32	27°28	27°23	27°34	9°18	T 13
F 14	18 2 28	0☾43'20	6♂25	5°45	20°19	1°42	25°59	4°33	21°46	11°17	10°33	27°28	27°20	27°41	9°16	F 14
S 15	18 6 25	1°40'31	18°48	7°52	21°32	2°25	26° 4	4°40	21°46	11°16	10°34	27°28	27°17	27°48	9°14	S 15
S 16	18 10 22	2°37'43	1II28	9°58	22°45	3° 8	26°10	4°48	21°46	11°15	10°35	27°29	27°13	27°54	9°11	S 16
M17	18 14 18	3°34'55	14°26	12° 2	23°58	3°51	26°16	4°55	21°45	11°15	10°36	27°29	27°10	28° 1	9° 9	M17
T 18	18 18 15	4°32'07	27°43	14° 5	25°11	4°33	26°21	5° 2	21°45	11°14	10°37	27°R29	27° 7	28° 8	9° 6	T 18
W19	18 22 11	5°29'20	11☾18	16° 6	26°25	5°16	26°27	5° 9	21°45	11°13	10°38	27°29	27° 4	28°15	9° 4	W19
T 20	18 26 8	6°26'32	25° 9	18° 5	27°38	5°59	26°34	5°16	21°45	11°12	10°39	27°29	27° 1	28°21	9° 1	T 20
F 21	18 30 4	7°23'44	9♂14	20° 2	28°51	6°41	26°40	5°23	21°D45	11°11	10°40	27°28	26°57	28°28	8°59	F 21
S 22	18 34 1	8°20'56	23°28	21°58	0♂ 4	7°24	26°46	5°30	21°45	11°11	10°41	27°26	26°54	28°35	8°56	S 22
S 23	18 37 57	9°18'08	7III47	23°51	1°17	8° 6	26°53	5°37	21°45	11°10	10°43	27°25	26°51	28°41	8°53	S 23
M24	18 41 54	10°15'20	22° 6	25°43	2°30	8°48	26°59	5°44	21°45	11° 9	10°44	27°24	26°48	28°48	8°51	M24
T 25	18 45 51	11°12'31	6♂24	27°33	3°43	9°30	27° 6	5°51	21°45	11° 9	10°45	27°D24	26°45	28°55	8°48	T 25
W26	18 49 47	12° 9'43	20°36	29°20	4°56	10°13	27°13	5°58	21°45	11° 8	10°46	27°24	26°42	29° 2	8°45	W26
T 27	18 53 44	13° 6'55	4III40	1♂ 6	6° 9	10°55	27°20	6° 5	21°46	11° 8	10°48	27°24	26°38	29° 8	8°42	T 27
F 28	18 57 40	14° 4'07	18°34	2°50	7°22	11°36	27°28	6°12	21°46	11° 7	10°49	27°25	26°35	29°15	8°39	F 28
S 29	19 1 37	15° 1'19	2♂18	4°32	8°35	12°18	27°35	6°18	21°46	11° 7	10°51	27°27	26°32	29°22	8°37	S 29
S 30	19 5 33	15☾58'31	15♂51	6♂12	9♂48	13♂ 0	27III42	6II25	21♂47	11III 6	10III52	27♂28	26♂29	29III29	8♂34	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n 0	21s21	3s 2	21n21	0s19	24n30	1n 4	7n27	1s21	3n15	1n23	19n 9	1s41	8s 2	0n35	13s34	1n51	21n19	14n47	23s29	23s30	3n13	11s 1	7n 7					
S 2	23 4	23 19	1 54	21 52	0 8	24 29	1 6	7 43	1 20	3 13	1 23	19 11	1 41	8 1	0 35	13 34	1 51	21 18	14 47	23 29	23 30	3 15	11 1	7 7					
M 3	23 9	23 49	0 40	22 20	0n 3	24 27	1 8	8 0	1 20	3 12	1 23	19 12	1 41	8 1	0 35	13 33	1 51	21 18	14 46	23 29	23 29	3 18	11 1	7 7					
T 4	23 13	22 53	0n34	22 47	0 14	24 25	1 9	8 16	1 20	3 10	1 22	19 14	1 41	8 1	0 35	13 33	1 51	21 17	14 46	23 29	23 29	3 21	11 1	7 8					
W 5	23 16	20 43	1 45	23 12	0 25	24 22	1 11	8 32	1 19	3 8	1 22	19 15	1 41	8 0	0 35	13 33	1 51	21 16	14 45	23 29	23 29	3 24	11 1	7 8					
T 6	23 20	17 33	2 49	23 34	0 35	24 18	1 13	8 49	1 19	3 6	1 22	19 17	1 41	8 0	0 35	13 32	1 51	21 16	14 45	23 29	23 29	3 26	11 1	7 9					
F 7	23 22	13 38	3 43	23 54	0 44	24 13	1 14	9 5	1 19	3 4	1 22	19 18	1 41	8 0	0 35	13 32	1 51	21 15	14 45	23 29	23 29	3 29	11 1	7 9					
S 8	23 25	9 15	4 26	24 12	0 54	24 8	1 16	9 21	1 18	3 2	1 21	19 20	1 41	8 0	0 35	13 32	1 51	21 14	14 44	23 29	23 29	3 32	11 2	7 9					
S 9	23 27	4 34	4 56	24 27	1 2	24 2	1 18	9 37	1 18	3 0	1 21	19 21	1 41	7 59	0 35	13 31	1 51	21 14	14 44	23 29	23 29	3 34	11 2	7 10					
M10	23 28	0n13	5 13	24 39	1 10	23 55	1 19	9 52	1 18	2 58	1 21	19 22	1 41	7 59	0 34	13 31	1 51	21 13	14 43	23 29	23 29	3 37	11 2	7 10					
T 11	23 29	4 58	5 16	24 48	1 18	23 48	1 20	10 8	1 17	2 56	1 21	19 24	1 41	7 59	0 34	13 31	1 51	21 12	14 43	23 29	23 29	3 40	11 2	7 10					
W12	23 30	9 33	5 6	24 55	1 25	23 40	1 22	10 23	1 17	2 54	1 21	19 25	1 41	7 59	0 34	13 31	1 51	21 12	14 43	23 29	23 29	3 42	11 3	7 10					
T 13	23 30	13 48	4 43	24 58	1 31	23 31	1 23	10 39	1 17	2 52	1 20	19 26	1 41	7 59	0 34	13 30	1 51	21 11	14 42	23 29	23 29	3 45	11 3	7 11					
F 14	23 30	17 34	4 7	24 59	1 36	23 21	1 24	10 54	1 16	2 50	1 20	19 28	1 41	7 59	0 34	13 30	1 51	21 10	14 42	23 29	23 29	3 48	11 3	7 11					
S 15	23 30	20 38	3 18	24 57	1 41	23 11	1 26	11 9	1 16	2 47	1 20	19 29	1 41	7 59	0 34	13 30	1 51	21 10	14 42	23 29	23 29	3 50	11 3	7 11					
S 16	23 29	22 47	2 19	24 52	1 44	23 1	1 27	11 24	1 16	2 45	1 20	19 30	1 41	7 58	0 34	13 30	1 51	21 9	14 41	23 29	23 29	3 53	11 4	7 12					
M17	23 28	23 47	1 12	24 45	1 48	22 49	1 28	11 39	1 15	2 42	1 19	19 32	1 41	7 58	0 34	13 30	1 51	21 8	14 41	23 29	23 29	3 56	11 4	7 12					
T 18	23 26	23 28	0s 1	24 35	1 50	22 37	1 29	11 54	1 15	2 40	1 19	19 33	1 41	7 58	0 34	13 29	1 51	21 7	14 40	23 29	23 29	3 58	11 5	7 12					
W19	23 24	21 46	1 16	24 23	1 52	22 24	1 30	12 9	1 14	2 37	1 19	19 34	1 41	7 58	0 34	13 29	1 51	21 7	14 40	23 29	23 28	4 1	11 5	7 12					
T 20	23 21	18 45	2 27	24 9	1 53	22 11	1 31	12 23	1 14	2 34	1 19	19 35	1 41	7 58	0 34	13 29	1 50	21 6	14 40	23 29	23 28	4 4	11 5	7 13					
F 21	23 18	14 36	3 31	23 52	1 53	21 57	1 32	12 38	1 13	2 32	1 18	19 37	1 41	7 58	0 34	13 29	1 50	21 5	14 39	23 29	23 28	4 6	11 6	7 13					
S 22	23 15	9 36	4 22	23 34	1 53	21 42	1 32	12 52	1 13	2 29	1 18	19 38	1 41	7 58	0 34	13 29	1 50	21 4	14 39	23 29	23 28	4 9	11 6	7 13					
S 23	23 11	4 4	4 58	23 13	1 51	21 27	1 33	13 6	1 12	2 26	1 18	19 39	1 41	7 58	0 34	13 28	1 50	21 3	14 39	23 29	23 28	4 12	11 7	7 13					
M24	23 7	1s41	5 15	22 52	1 50	21 11	1 34	13 20	1 12	2 23	1 18	19 40	1 41	7 59	0 34	13 28	1 50	21 3	14 38	23 29	23 28	4 14	11 7	7 14					
T 25	23 2	7 19	5 12	22 28	1 47	20 54	1 34	13 34	1 11	2 20	1 18	19 41	1 41	7 59	0 34	13 28	1 50	21 2	14 38	23 29	23 28	4 17	11 8	7 14					
W26	22 57	12 33	4 50	22 3	1 45	20 37	1 35	13 48	1 11	2 17	1 17	19 42	1 41	7 59	0 34	13 28	1 50	21 1	14 38	23 29	23 28	4 20	11 8	7 14					
T 27	22 52	17 3	4 12	21 37	1 41	20 19	1 35	14 2	1 10	2 14	1 17	19 44	1 41	7 59	0 34	13 28	1 50	21 0	14 37	23 29	23 28	4 22	11 9	7 14					
F 28	22 46	20 35	3 18	21 9	1 37	20 1	1 36	14 15	1 10	2 11	1 17	19 45	1 41	7 59	0 34	13 28	1 50	20 59	14 37	23 29	23 28	4 25	11 9	7 14					
S 29	22 40	22 53	2 14	20 41	1 32	19 42	1 36	14 28	1 9	2 8	1 17	19 46	1 41	7 59	0 34	13 28	1 50	20 59	14 37	23 29	23 28	4 27	11 10	7 15					
S 30	22n33	23s48	1s 4	20n11	1n27	19n23	1n36	14n41	1s 9	2n 5	1n17	19n47	1s41	7s59	0n34	13s28	1n50	20n58	14n36	23s29	23s28	4n30	11s10	7n15					

ASTRODIENST EPHEMERIS for the year 1471

geocentric

JULY 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	19 9 30	16°55'43	29°10	7°50	11°1	13°42	27°50	6°32	21°47	11°R 6	10°53	27°R28	26°26	29°35	8°R31	M 1
T 2	19 13 26	17°52'56	12°316	9°27	12°14	14°23	27°58	6°38	21°48	11°M 5	10°55	27°R27	26°23	29°42	8°28	T 2
W 3	19 17 23	18°50'09	25° 8	11° 1	13°27	15° 5	28° 5	6°45	21°48	11° 5	10°56	27°26	26°19	29°49	8°25	W 3
T 4	19 21 20	19°47'23	7°47	12°33	14°40	15°46	28°13	6°51	21°49	11° 4	10°58	27°23	26°16	29°55	8°22	T 4
F 5	19 25 16	20°44'37	20°12	14° 4	15°53	16°27	28°21	6°58	21°50	11° 4	10°59	27°20	26°13	0°Y 2	8°19	F 5
S 6	19 29 13	21°41'52	2°25	15°32	17° 6	17° 8	28°30	7° 4	21°50	11° 4	11° 1	27°16	26°10	0° 9	8°16	S 6
S 7	19 33 9	22°39'08	14°28	16°58	18°19	17°49	28°38	7°10	21°51	11° 4	11° 2	27°12	26° 7	0°16	8°13	S 7
M 8	19 37 6	23°36'25	26°25	18°23	19°31	18°30	28°46	7°17	21°52	11° 3	11° 4	27° 9	26° 3	0°22	8° 9	M 8
T 9	19 41 2	24°33'42	8°Y18	19°45	20°44	19°11	28°55	7°23	21°53	11° 3	11° 5	27° 6	26° 0	0°29	8° 6	T 9
W10	19 44 59	25°31'00	20°12	21° 5	21°57	19°52	29° 4	7°29	21°54	11° 3	11° 7	27°D 5	25°57	0°36	8° 3	W10
T 11	19 48 55	26°28'20	2°B11	22°24	23°10	20°33	29°12	7°35	21°55	11° 3	11° 9	27° 5	25°54	0°42	8° 0	T 11
F 12	19 52 52	27°25'40	14°20	23°40	24°22	21°13	29°21	7°41	21°56	11° 3	11°10	27° 6	25°51	0°49	7°57	F 12
S 13	19 56 49	28°23'02	26°44	24°54	25°35	21°54	29°30	7°47	21°57	11° 3	11°12	27° 8	25°48	0°56	7°54	S 13
S 14	20 0 45	29°20'25	9°II27	26° 5	26°48	22°34	29°39	7°53	21°58	11° 3	11°14	27° 9	25°44	1° 3	7°51	S 14
M15	20 4 42	0°17'48	22°32	27°14	28° 0	23°14	29°48	7°59	21°59	11°D 3	11°16	27°R10	25°41	1° 9	7°47	M15
T 16	20 8 38	1°15'13	6°B 0	28°21	29°13	23°54	29°58	8° 4	22° 1	11° 3	11°17	27°10	25°38	1°16	7°44	T 16
W17	20 12 35	2°12'39	19°53	29°25	0°26	24°34	0°26	8°10	22° 2	11° 3	11°19	27° 8	25°35	1°23	7°41	W17
T 18	20 16 31	3°10'06	4°L 7	0°27	1°38	25°14	0°16	8°16	22° 3	11° 3	11°21	27° 5	25°32	1°30	7°38	T 18
F 19	20 20 28	4° 7'34	9°52'39	1°26	2°51	25°54	0°26	8°21	22° 5	11° 3	11°23	27° 0	25°29	1°36	7°34	F 19
S 20	20 24 24	5° 5'03	3°20	2°21	4° 3	26°34	0°36	8°27	22° 6	11° 3	11°24	26°54	25°25	1°43	7°31	S 20
S 21	20 28 21	6° 2'32	18° 4	3°14	5°16	27°13	0°45	8°32	22° 8	11° 3	11°26	26°49	25°22	1°50	7°28	S 21
M22	20 32 18	7° 0'03	2°44	4° 4	6°28	27°52	0°55	8°38	22° 9	11° 3	11°28	26°44	25°19	1°56	7°25	M22
T 23	20 36 14	7°57'34	17°14	4°51	7°41	28°32	1° 5	8°43	22°11	11° 4	11°30	26°41	25°16	2° 3	7°21	T 23
W24	20 40 11	8°55'06	1°29	5°34	8°53	29°11	1°15	8°48	22°12	11° 4	11°32	26°39	25°13	2°10	7°18	W24
T 25	20 44 7	9°52'39	15°28	6°13	10° 6	29°50	1°25	8°53	22°14	11° 4	11°34	26°D39	25° 9	2°17	7°15	T 25
F 26	20 48 4	10°50'13	29° 9	6°49	11°18	0°29	1°36	8°58	22°16	11° 5	11°36	26°40	25° 6	2°23	7°12	F 26
S 27	20 52 0	11°47'47	12°35	7°20	12°30	1° 7	1°46	9° 3	22°18	11° 5	11°38	26°41	25° 3	2°30	7° 8	S 27
S 28	20 55 57	12°45'23	25°45	7°47	13°43	1°46	1°56	9° 8	22°19	11° 5	11°40	26°R42	25° 0	2°37	7° 5	S 28
M29	20 59 53	13°43'00	8°34	8°10	14°55	2°25	2° 7	9°13	22°21	11° 6	11°41	26°41	24°57	2°44	7° 2	M29
T 30	21 3 50	14°40'38	21°28	8°28	16° 7	3° 3	2°17	9°17	22°23	11° 6	11°43	26°38	24°54	2°50	6°59	T 30
W31	21 7 47	15°38'17	4°2	8°41	17°19	3°41	2°28	9°22	22°25	11°M 7	11°45	26°34	24°50	2°57	6°56	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	22n26	23s21	0n 9	19n41	1n22	19n 3	1n36	14n54	1s 8	2n 2	1n16	19n48	1s41	8s 0	0n34	13s27
T 2	22 19	21 36	1 21	19 9	1 16	18 43	1 36	15 7	1 8	1 59	1 16	19 49	1 41	8 0	0 34	13 27
W 3	22 11	18 46	2 26	18 38	1 9	18 22	1 36	15 20	1 7	1 55	1 16	19 50	1 41	8 0	0 34	13 27
T 4	22 3	15 6	3 24	18 5	1 2	18 1	1 36	15 33	1 7	1 52	1 16	19 51	1 41	8 0	0 34	13 27
F 5	21 54	10 50	4 10	17 32	0 55	17 39	1 36	15 45	1 6	1 49	1 16	19 52	1 41	8 1	0 34	13 27
S 6	21 45	6 13	4 45	16 59	0 47	17 17	1 36	15 57	1 5	1 45	1 15	19 53	1 41	8 1	0 34	13 27
S 7	21 36	1 26	5 6	16 25	0 39	16 54	1 36	16 9	1 5	1 42	1 15	19 54	1 41	8 1	0 33	13 27
M 8	21 26	3n22	5 13	15 51	0 31	16 31	1 35	16 21	1 4	1 38	1 15	19 55	1 42	8 2	0 33	13 27
T 9	21 16	8 0	5 7	15 17	0 22	16 7	1 35	16 33	1 4	1 35	1 15	19 56	1 42	8 2	0 33	13 27
W10	21 6	12 21	4 48	14 43	0 13	15 43	1 34	16 45	1 3	1 31	1 15	19 57	1 42	8 2	0 33	13 27
T 11	20 55	16 16	4 17	14 8	0 3	15 19	1 34	16 56	1 2	1 27	1 14	19 58	1 42	8 3	0 33	13 27
F 12	20 44	19 34	3 33	13 34	0s 6	14 54	1 33	17 8	1 2	1 24	1 14	19 59	1 42	8 3	0 33	13 27
S 13	20 33	22 3	2 39	13 0	0 16	14 29	1 32	17 19	1 1	1 20	1 14	20 0	1 42	8 4	0 33	13 27
S 14	20 21	23 30	1 35	12 26	0 27	14 3	1 31	17 30	1 0	1 16	1 14	20 1	1 42	8 4	0 33	13 27
M15	20 9	23 43	0 25	11 53	0 37	13 37	1 31	17 41	1 0	1 12	1 14	20 1	1 42	8 5	0 33	13 27
T 16	19 56	22 34	0s48	11 20	0 48	13 11	1 30	17 51	0 59	1 8	1 14	20 2	1 42	8 5	0 33	13 27
W17	19 43	20 2	2 1	10 47	0 59	12 44	1 28	18 2	0 58	1 5	1 13	20 3	1 42	8 6	0 33	13 27
T 18	19 30	16 15	3 7	10 15	1 10	12 17	1 27	18 12	0 57	1 1	1 13	20 4	1 42	8 6	0 33	13 28
F 19	19 17	11 25	4 3	9 44	1 21	11 50	1 26	18 22	0 57	0 57	1 13	20 5	1 42	8 7	0 33	13 28
S 20	19 3	5 54	4 44	9 13	1 33	11 22	1 25	18 32	0 56	0 53	1 13	20 5	1 42	8 7	0 33	13 28
S 21	18 49	0 2	5 6	8 44	1 44	10 54	1 24	18 42	0 55	0 49	1 13	20 6	1 43	8 8	0 33	13 28
M22	18 35	5s48	5 8	8 15	1 56	10 26	1 22	18 52	0 54	0 44	1 13	20 7	1 43	8 8	0 33	13 28
T 23	18 20	11 15	4 50	7 47	2 7	9 57	1 21	19 1	0 54	0 40	1 12	20 8	1 43	8 9	0 33	13 28
W24	18 5	16 0	4 15	7 21	2 19	9 29	1 19	19 10	0 53	0 36	1 12	20 8	1 43	8 10	0 33	13 28
T 25	17 49	19 46	3 24	6 55	2 31	9 0	1 17	19 19	0 52	0 32	1 12	20 9	1 43	8 10	0 33	13 28
F 26	17 34	22 21	2 23	6 32	2 42	8 31	1 16	19 28	0 51	0 28	1 12	20 10	1 43	8 11	0 33	13 29
S 27	17 18	23 37	1 16	6 9	2 54	8 1	1 14	19 37	0 50	0 24	1 12	20 10	1 43	8 12	0 33	13 29
S 28	17 2	23 31	0 5	5 49	3 5	7 32	1 12	19 46	0 50	0 19	1 12	20 11	1 43	8 13	0 33	13 29
M29	16 45	22 9	1n 4	5 30	3 16	7 2	1 10	19 54	0 49	0 15	1 11	20 12	1 43	8 13	0 33	13 29
T 30	16 29	19 40	2 9	5 14	3 27	6 32	1 8	20 3	0 48	0 11	1 11	20 12	1 43	8 14	0 33	13 29
W31	16n12	16s16	3n 7	4n59	3s37	6n 2	1n 6	20n11	0s47	0n 6	1n11	20n13	1s43	8s15	0n33	13s30

Julian Day Number = 2258521.5, Delta T = 05m49s

Ecliptic obliquity = 23°30'28", Nutation = 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°22'00", Lahiri = 16°29'01" Julian Calendar 1 July 1471 == Greg. Calendar 10 July 1471

ASTRODIENST EPHEMERIS for the year 1471
geocentric

AUGUST 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	21 11 43	16°35'57	16°26	8°49	18°32	4°19	2°39	9°27	22°27	11°7	11°47	26°R26	24°47	3°Y 4	6°R52	T 1
F 2	21 15 40	17°33'39	28°41	8°R51	19°44	4°57	2°49	9°31	22°29	11° 8	11°49	26°R18	24°44	3°10	6°49	F 2
S 3	21 19 36	18°31'22	10°47	8°48	20°56	5°35	3° 0	9°36	22°31	11° 9	11°51	26° 8	24°41	3°17	6°46	S 3
S 4	21 23 33	19°29'06	22°47	8°40	22° 8	6°13	3°11	9°40	22°34	11° 9	11°54	25°58	24°38	3°24	6°43	S 4
M 5	21 27 29	20°26'52	4°Y41	8°25	23°20	6°50	3°22	9°44	22°36	11°10	11°56	25°49	24°34	3°31	6°40	M 5
T 6	21 31 26	21°24'40	16°32	8° 5	24°32	7°28	3°33	9°48	22°38	11°11	11°58	25°42	24°31	3°37	6°37	T 6
W 7	21 35 22	22°22'29	28°24	7°39	25°44	8° 5	3°44	9°52	22°40	11°11	12° 0	25°37	24°28	3°44	6°34	W 7
T 8	21 39 19	23°20'21	10°21	7° 7	26°56	8°42	3°56	9°56	22°42	11°12	12° 2	25°34	24°25	3°51	6°31	T 8
F 9	21 43 16	24°18'14	22°27	6°30	28° 8	9°19	4° 7	10° 0	22°45	11°13	12° 4	25°D33	24°22	3°57	6°27	F 9
S 10	21 47 12	25°16'08	4°I48	5°48	29°19	9°56	4°18	10° 4	22°47	11°14	12° 6	25°33	24°19	4° 4	6°24	S 10
S 11	21 51 9	26°14'05	17°28	5° 2	0°31	10°32	4°30	10° 8	22°50	11°15	12° 8	25°34	24°15	4°11	6°21	S 11
M12	21 55 5	27°12'04	0°32	4°11	1°43	11° 9	4°41	10°11	22°52	11°15	12°10	25°R34	24°12	4°18	6°19	M12
T 13	21 59 2	28°10'04	14° 3	3°18	2°55	11°45	4°53	10°15	22°55	11°16	12°12	25°33	24° 9	4°24	6°16	T 13
W14	22 2 58	29° 8'07	28° 3	2°22	4° 6	12°21	5° 4	10°18	22°57	11°17	12°14	25°29	24° 6	4°31	6°13	W14
T 15	22 6 55	0° 6'11	12°29	1°26	5°18	12°57	5°16	10°21	23° 0	11°18	12°16	25°23	24° 3	4°38	6°10	T 15
F 16	22 10 51	1° 4'16	27°18	0°29	6°30	13°33	5°28	10°25	23° 2	11°19	12°19	25°14	24° 0	4°45	6° 7	F 16
S 17	22 14 48	2° 2'24	12°21	29°34	7°41	14° 8	5°39	10°28	23° 5	11°20	12°21	25° 5	23°56	4°51	6° 4	S 17
S 18	22 18 45	3° 0'33	27°29	28°42	8°53	14°44	5°51	10°31	23° 8	11°21	12°23	24°55	23°53	4°58	6° 1	S 18
M19	22 22 41	3°58'44	12°31	27°53	10° 4	15°19	6° 3	10°34	23°11	11°22	12°25	24°46	23°50	5° 5	5°59	M19
T 20	22 26 38	4°56'56	27°19	27° 9	11°16	15°54	6°15	10°37	23°13	11°24	12°27	24°39	23°47	5°11	5°56	T 20
W21	22 30 34	5°55'10	11°46	26°31	12°27	16°29	6°27	10°39	23°16	11°25	12°29	24°35	23°44	5°18	5°53	W21
T 22	22 34 31	6°53'25	25°49	26° 0	13°39	17° 4	6°39	10°42	23°19	11°26	12°32	24°33	23°40	5°25	5°51	T 22
F 23	22 38 27	7°51'42	9°29	25°37	14°50	17°38	6°51	10°44	23°22	11°27	12°34	24°D32	23°37	5°32	5°48	F 23
S 24	22 42 24	8°50'01	22°47	25°22	16° 1	18°12	7° 3	10°47	23°25	11°28	12°36	24°R32	23°34	5°38	5°46	S 24
S 25	22 46 20	9°48'21	5°35	25°D16	17°12	18°46	7°15	10°49	23°28	11°30	12°38	24°32	23°31	5°45	5°43	S 25
M26	22 50 17	10°46'42	18°28	25°19	18°24	19°20	7°28	10°51	23°31	11°31	12°40	24°30	23°28	5°52	5°41	M26
T 27	22 54 14	11°45'05	0°57	25°31	19°35	19°54	7°40	10°53	23°34	11°32	12°42	24°25	23°25	5°58	5°38	T 27
W28	22 58 10	12°43'30	13°17	25°53	20°46	20°28	7°52	10°55	23°37	11°34	12°45	24°18	23°21	6° 5	5°36	W28
T 29	23 2 7	13°41'57	25°28	26°23	21°57	21° 1	8° 5	10°57	23°40	11°35	12°47	24° 7	23°18	6°12	5°34	T 29
F 30	23 6 3	14°40'25	7°32	27° 2	23° 8	21°34	8°17	10°59	23°43	11°36	12°49	23°55	23°15	6°19	5°31	F 30
S 31	23 10 0	15°38'55	19°31	27°49	24°19	22°II 7	8°30	11°II 1	23°46	11°38	12°51	23°41	23°12	6°Y25	5°29	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	15n54	12s13	3n55	4n47	3s47	5n32	1n 4	20n19	0s46	0n 2	1n11	20n13	1s44	8s16	0n33	13s30
F 2	15 37	7 44	4 31	4 37	3 56	5 1	1 2	20 26	0 45	0s 2	1 11	20 14	1 44	8 16	0 33	13 30
S 3	15 19	3 0	4 55	4 31	4 5	4 31	0 59	20 34	0 44	0 7	1 11	20 15	1 44	8 17	0 33	13 30
S 4	15 1	1n47	5 5	4 27	4 12	4 0	0 57	20 42	0 43	0 11	1 11	20 15	1 44	8 18	0 32	13 31
M 5	14 43	6 28	5 2	4 26	4 19	3 29	0 55	20 49	0 43	0 16	1 11	20 16	1 44	8 19	0 32	13 31
T 6	14 24	10 54	4 46	4 28	4 25	2 58	0 52	20 56	0 42	0 20	1 10	20 16	1 44	8 20	0 32	13 31
W 7	14 6	14 56	4 17	4 43	4 30	2 28	0 49	21 3	0 41	0 25	1 10	20 17	1 44	8 21	0 32	13 31
T 8	13 47	18 24	3 37	4 42	4 33	1 56	0 47	21 10	0 40	0 30	1 10	20 17	1 44	8 21	0 32	13 32
F 9	13 28	21 8	2 47	4 53	4 35	1 25	0 44	21 16	0 39	0 34	1 10	20 18	1 44	8 22	0 32	13 32
S 10	13 8	22 56	1 49	5 9	4 35	0 54	0 41	21 23	0 38	0 39	1 10	20 18	1 44	8 23	0 32	13 32
S 11	12 49	23 38	0 43	5 27	4 34	0 23	0 39	21 29	0 37	0 43	1 10	20 18	1 45	8 24	0 32	13 33
M12	12 29	23 4	0 32	5 48	4 30	0s 8	0 36	21 35	0 36	0 48	1 10	20 19	1 45	8 25	0 32	13 33
T 13	12 9	21 9	1 37	6 12	4 25	0 39	0 33	21 41	0 35	0 53	1 10	20 19	1 45	8 26	0 32	13 33
W14	11 48	17 56	2 44	6 39	4 18	1 11	0 30	21 47	0 34	0 57	1 9	20 20	1 45	8 27	0 32	13 34
T 15	11 28	13 33	3 42	7 8	4 8	1 42	0 27	21 52	0 33	1 2	1 9	20 20	1 45	8 28	0 32	13 34
F 16	11 7	8 15	4 28	7 38	3 57	2 13	0 24	21 58	0 32	1 7	1 9	20 20	1 45	8 29	0 32	13 34
S 17	10 47	2 24	4 55	8 9	3 44	2 44	0 21	22 3	0 31	1 12	1 9	20 21	1 45	8 30	0 32	13 35
S 18	10 26	3s37	5 2	8 41	3 30	3 16	0 18	22 8	0 30	1 17	1 9	20 21	1 45	8 31	0 32	13 35
M19	10 5	9 23	4 48	9 12	3 14	3 47	0 15	22 13	0 29	1 21	1 9	20 21	1 46	8 32	0 32	13 35
T 20	9 43	14 30	4 15	9 43	2 57	4 18	0 11	22 18	0 28	1 26	1 9	20 22	1 46	8 33	0 32	13 36
W21	9 22	18 40	3 26	10 13	2 39	4 49	0 8	22 23	0 26	1 31	1 9	20 22	1 46	8 34	0 32	13 36
T 22	9 0	21 38	2 26	10 41	2 21	5 20	0 5	22 27	0 25	1 36	1 9	20 22	1 46	8 35	0 32	13 37
F 23	8 39	23 14	1 19	11 7	2 1	5 50	0 1	22 32	0 24	1 41	1 9	20 22	1 46	8 36	0 32	13 37
S 24	8 17	23 28	0 9	11 30	1 42	6 21	0s 2	22 36	0 23	1 46	1 8	20 22	1 46	8 38	0 32	13 38
S 25	7 55	22 24	0n59	11 50	1 23	6 52	0 6	22 40	0 22	1 51	1 8	20 23	1 46	8 39	0 32	13 38
M26	7 33	20 12	2 3	12 7	1 4	7 22	0 9	22 44	0 21	1 55	1 8	20 23	1 46	8 40	0 32	13 38
T 27	7 11	17 5	3 0	12 20	0 46	7 52	0 13	22 48	0 20	2 0	1 8	20 23	1 47	8 41	0 32	13 39
W28	6 48	13 15	3 47	12 30	0 28	8 23	0 16	22 52	0 18	2 5	1 8	20 23	1 47	8 42	0 32	13 39
T 29	6 26	8 56	4 24	12 35	0 11	8 53	0 20	22 55	0 17	2 10	1 8	20 23	1 47	8 43	0 32	13 40
F 30	6 3	4 19	4 48	12 37	0n 5	9 22	0 23	22 58	0 16	2 15	1 8	20 23	1 47	8 44	0 32	13 40
S 31	5n40	0n25	4n59	12n35	0n20	9s52	0s27	23n 2	0s15	2s20	1n 8	20n24	1s47	8s46	0n32	13s41

Julian Day Number = 2258552.5, Delta T = 05m49s
Ecliptic obliquity = 23°30'28", Nutation = 0°00'19", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°22'05", Lahiri = 16°29'05" Julian Calendar 1 Aug. 1471 == Greg. Calendar 10 Aug. 1471

ASTRODIENST EPHEMERIS for the year 1471

geocentric

SEPTEMBER 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	23 13 56	16 ^h 37'28"	1 ^h 26'	28 ^h 45'	25 ^h 29'	22 ^h 39'	8 ^h 42'	11 ^h 2'	23 ^h 49'	11 ^h 39'	12 ^h 53'	23 ^h R27	23 ^h 7'	6 ^h 32'	5 ^h R27	S 1	
M 2	23 17 53	17 ^h 36'02"	13 ^h 18'	29 ^h 48'	26 ^h 40'	23 ^h 12'	8 ^h 55'	11 ^h 4'	23 ^h 52'	11 ^h 41'	12 ^h 55'	23 ^h 14'	23 ^h 6'	6 ^h 39'	5 ^h 25'	M 2	
T 3	23 21 49	18 ^h 34'38"	25 ^h 9'	0 ^h 57'	27 ^h 51'	23 ^h 44'	9 ^h 7'	11 ^h 5'	23 ^h 56'	11 ^h 42'	12 ^h 58'	23 ^h 3'	23 ^h 2'	6 ^h 45'	5 ^h 23'	T 3	
W 4	23 25 46	19 ^h 33'17"	7 ^h 2'	2 ^h 13'	29 ^h 1'	24 ^h 16'	9 ^h 20'	11 ^h 7'	23 ^h 59'	11 ^h 44'	13 ^h 0'	22 ^h 54'	22 ^h 59'	6 ^h 52'	5 ^h 21'	W 4	
T 5	23 29 42	20 ^h 31'57"	18 ^h 59'	3 ^h 35'	0 ^h 12'	24 ^h 48'	9 ^h 32'	11 ^h 8'	24 ^h 2'	11 ^h 45'	13 ^h 2'	22 ^h 49'	22 ^h 56'	6 ^h 59'	5 ^h 19'	T 5	
F 6	23 33 39	21 ^h 30'40"	1 ^h 11'	5 ^h 1'	1 ^h 23'	25 ^h 19'	9 ^h 45'	11 ^h 9'	24 ^h 6'	11 ^h 47'	13 ^h 4'	22 ^h 46'	22 ^h 53'	7 ^h 6'	5 ^h 17'	F 6	
S 7	23 37 36	22 ^h 29'25"	13 ^h 22'	6 ^h 32'	2 ^h 33'	25 ^h 50'	9 ^h 58'	11 ^h 10'	24 ^h 9'	11 ^h 48'	13 ^h 6'	22 ^h 45'	22 ^h 50'	7 ^h 12'	5 ^h 15'	S 7	
S 8	23 41 32	23 ^h 28'13"	25 ^h 58'	8 ^h 7'	3 ^h 43'	26 ^h 21'	10 ^h 10'	11 ^h 11'	24 ^h 12'	11 ^h 50'	13 ^h 8'	22 ^h 45'	22 ^h 46'	7 ^h 19'	5 ^h 13'	S 8	
M 9	23 45 29	24 ^h 27'03"	8 ^h 56'	9 ^h 44'	4 ^h 54'	26 ^h 52'	10 ^h 23'	11 ^h 11'	24 ^h 16'	11 ^h 52'	13 ^h 11'	22 ^h 44'	22 ^h 43'	7 ^h 26'	5 ^h 12'	M 9	
T 10	23 49 25	25 ^h 25'55"	22 ^h 22'	11 ^h 25'	6 ^h 4'	27 ^h 22'	10 ^h 36'	11 ^h 12'	24 ^h 19'	11 ^h 53'	13 ^h 13'	22 ^h 43'	22 ^h 40'	7 ^h 33'	5 ^h 10'	T 10	
W 11	23 53 22	26 ^h 24'49"	6 ^h 16'	13 ^h 7'	7 ^h 14'	27 ^h 53'	10 ^h 49'	11 ^h 12'	24 ^h 22'	11 ^h 55'	13 ^h 15'	22 ^h 39'	22 ^h 37'	7 ^h 39'	5 ^h 8'	W 11	
T 12	23 57 18	27 ^h 23'46"	20 ^h 41'	14 ^h 51'	8 ^h 24'	28 ^h 23'	11 ^h 1'	11 ^h 13'	24 ^h 26'	11 ^h 57'	13 ^h 17'	22 ^h 32'	22 ^h 34'	7 ^h 46'	5 ^h 7'	T 12	
F 13	0 1 15	28 ^h 22'45"	5 ^h 32'	16 ^h 37'	9 ^h 34'	28 ^h 52'	11 ^h 14'	11 ^h 13'	24 ^h 29'	11 ^h 58'	13 ^h 19'	22 ^h 23'	22 ^h 31'	7 ^h 53'	5 ^h 5'	F 13	
S 14	0 5 11	29 ^h 21'46"	20 ^h 42'	18 ^h 24'	10 ^h 44'	29 ^h 22'	11 ^h 27'	11 ^h 13'	24 ^h 33'	12 ^h 0'	13 ^h 21'	22 ^h 12'	22 ^h 27'	7 ^h 59'	5 ^h 4'	S 14	
S 15	0 9 8	0 ^h 20'49"	6 ^h 2'	20 ^h 11'	11 ^h 54'	29 ^h 51'	11 ^h 40'	11 ^h R13	24 ^h 36'	12 ^h 2'	13 ^h 23'	22 ^h 1'	22 ^h 24'	8 ^h 6'	5 ^h 2'	S 15	
M 16	0 13 5	1 ^h 19'54"	21 ^h 19'	21 ^h 58'	13 ^h 4'	0 ^h 519'	11 ^h 53'	11 ^h 13'	24 ^h 40'	12 ^h 4'	13 ^h 25'	21 ^h 50'	22 ^h 21'	8 ^h 13'	5 ^h 1'	M 16	
T 17	0 17 1	2 ^h 19'01"	6 ^h 12'	23 ^h 46'	14 ^h 14'	0 ^h 48'	12 ^h 6'	11 ^h 13'	24 ^h 43'	12 ^h 6'	13 ^h 28'	21 ^h 42'	22 ^h 18'	8 ^h 20'	5 ^h 0'	T 17	
W 18	0 20 58	3 ^h 18'10"	21 ^h 4'	25 ^h 34'	15 ^h 24'	1 ^h 16'	12 ^h 19'	11 ^h 13'	24 ^h 47'	12 ^h 7'	13 ^h 30'	21 ^h 37'	22 ^h 15'	8 ^h 26'	4 ^h 59'	W 18	
T 19	0 24 54	4 ^h 17'21"	5 ^h 19'	27 ^h 21'	16 ^h 33'	1 ^h 44'	12 ^h 32'	11 ^h 12'	24 ^h 50'	12 ^h 9'	13 ^h 32'	21 ^h 34'	22 ^h 11'	8 ^h 33'	4 ^h 58'	T 19	
F 20	0 28 51	5 ^h 16'34"	19 ^h 6'	29 ^h 9'	17 ^h 43'	2 ^h 11'	12 ^h 45'	11 ^h 12'	24 ^h 54'	12 ^h 11'	13 ^h 34'	21 ^h D33	22 ^h 8'	8 ^h 40'	4 ^h 57'	F 20	
S 21	0 32 47	6 ^h 15'48"	2 ^h 26'	0 ^h 56'	18 ^h 52'	2 ^h 38'	12 ^h 58'	11 ^h 11'	24 ^h 58'	12 ^h 13'	13 ^h 36'	21 ^h R33	22 ^h 5'	8 ^h 46'	4 ^h 56'	S 21	
S 22	0 36 44	7 ^h 15'04"	15 ^h 23'	2 ^h 42'	20 ^h 2'	3 ^h 5'	13 ^h 11'	11 ^h 10'	25 ^h 1'	12 ^h 15'	13 ^h 38'	21 ^h 33'	22 ^h 2'	8 ^h 53'	4 ^h 55'	S 22	
M 23	0 40 40	8 ^h 14'22"	28 ^h 0'	4 ^h 28'	21 ^h 11'	3 ^h 32'	13 ^h 24'	11 ^h 10'	25 ^h 5'	12 ^h 17'	13 ^h 40'	21 ^h 31'	21 ^h 59'	9 ^h 0'	4 ^h 54'	M 23	
T 24	0 44 37	9 ^h 13'42"	10 ^h 22'	6 ^h 13'	22 ^h 20'	3 ^h 58'	13 ^h 37'	11 ^h 9'	25 ^h 9'	12 ^h 19'	13 ^h 42'	21 ^h 27'	21 ^h 56'	9 ^h 7'	4 ^h 53'	T 24	
W 25	0 48 34	10 ^h 13'04"	22 ^h 32'	7 ^h 58'	23 ^h 29'	4 ^h 24'	13 ^h 50'	11 ^h 7'	25 ^h 12'	12 ^h 21'	13 ^h 44'	21 ^h 21'	21 ^h 52'	9 ^h 13'	4 ^h 52'	W 25	
T 26	0 52 30	11 ^h 12'27"	4 ^h 35'	9 ^h 42'	24 ^h 38'	4 ^h 49'	14 ^h 3'	11 ^h 6'	25 ^h 16'	12 ^h 23'	13 ^h 46'	21 ^h 11'	21 ^h 49'	9 ^h 20'	4 ^h 52'	T 26	
F 27	0 56 27	12 ^h 11'53"	16 ^h 32'	11 ^h 26'	25 ^h 47'	5 ^h 14'	14 ^h 16'	11 ^h 5'	25 ^h 20'	12 ^h 25'	13 ^h 48'	21 ^h 0'	21 ^h 46'	9 ^h 27'	4 ^h 51'	F 27	
S 28	1 0 23	13 ^h 11'20"	28 ^h 26'	13 ^h 8'	26 ^h 56'	5 ^h 39'	14 ^h 29'	11 ^h 4'	25 ^h 23'	12 ^h 27'	13 ^h 50'	20 ^h 47'	21 ^h 43'	9 ^h 33'	4 ^h 50'	S 28	
S 29	1 4 20	14 ^h 10'49"	10 ^h 18'	14 ^h 50'	28 ^h 4'	6 ^h 4'	14 ^h 42'	11 ^h 2'	25 ^h 27'	12 ^h 29'	13 ^h 52'	20 ^h 34'	21 ^h 40'	9 ^h 40'	4 ^h 50'	S 29	
M 30	1 8 16	15 ^h 10'20"	22 ^h 11'	16 ^h 32'	29 ^h 13'	6 ^h 28'	14 ^h 55'	11 ^h 11'	25 ^h 31'	12 ^h 31'	13 ^h 54'	20 ^h 22'	21 ^h 37'	9 ^h 47'	4 ^h 49'	M 30	

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	5n18	5n 7	4n57	12n29	0n34	10s21	0s31	23n 5	0s13	2s25	1n 8	20n24	1s47	8s47	0n32	13s41	1n46	20n 3	14n28	23s21	23s20	7n12	12s 2	7n 8			
M 2	4 55	9 35	4 42	12 19	0 47	10 51	0 34	23 8	0 12	2 30	1 8	20 24	1 47	8 48	0 32	13 42	1 46	20 2	14 28	23 20	23 20	7 14	12 3	7 8			
T 3	4 32	13 42	4 15	12 5	0 59	11 20	0 38	23 11	0 11	2 35	1 8	20 24	1 47	8 49	0 32	13 42	1 46	20 1	14 28	23 19	23 19	7 17	12 4	7 7			
W 4	4 9	17 18	3 36	11 47	1 9	11 48	0 42	23 13	0 10	2 40	1 8	20 24	1 48	8 50	0 32	13 43	1 46	20 1	14 29	23 19	23 19	7 19	12 5	7 7			
T 5	3 46	20 12	2 48	11 26	1 18	12 17	0 45	23 16	0 8	2 45	1 8	20 24	1 48	8 52	0 32	13 43	1 46	20 0	14 29	23 19	23 19	7 22	12 6	7 6			
F 6	3 23	22 15	1 52	11 2	1 26	12 45	0 49	23 19	0 7	2 50	1 7	20 24	1 48	8 53	0 32	13 44	1 46	19 59	14 29	23 19	23 19	7 24	12 7	7 6			
S 7	2 59	23 17	0 49	10 35	1 33	13 13	0 53	23 21	0 6	2 55	1 7	20 24	1 48	8 54	0 32	13 44	1 46	19 58	14 29	23 19	23 19	7 27	12 7	7 6			
S 8	2 36	23 10	0s17	10 5	1 39	13 41	0 57	23 23	0 4	3 0	1 7	20 24	1 48	8 55	0 32	13 45	1 46	19 58	14 29	23 19	23 19	7 29	12 8	7 5			
M 9	2 13	21 48	1 25	9 32	1 44	14 8	1 0	23 25	0 3	3 6	1 7	20 24	1 48	8 57	0 32	13 45	1 46	19 57	14 29	23 18	23 18	7 31	12 9	7 5			
T 10	1 49	19 11	2 30	8 58	1 47	14 35	1 4	23 27	0 2	3 11	1 7	20 24	1 48	8 58	0 31	13 46	1 46	19 56	14 29	23 18	23 18	7 34	12 10	7 4			
W 11	1 26	15 24	3 28	8 21	1 50	15 2	1 8	23 29	0 0	3 16	1 7	20 24	1 48	8 59	0 31	13 47	1 46	19 55	14 29	23 18	23 18	7 36	12 11	7 4			
T 12	1 2	10 36	4 16	7 42	1 52	15 28	1 12	23 31	0n 1	3 21	1 7	20 24	1 49	9 0	0 31	13 47	1 46	19 55	14 30	23 18	23 18	7 39	12 11	7 4			
F 13	0 39	5 3	4 48	7 2	1 53	15 55	1 15	23 33	0 3	3 26	1 7	20 24	1 49	9 2	0 31	13 48	1 46	19 54	14 30	23 17	23 18	7 41	12 12	7 3			
S 14	0 15	0s54	5 0	6 20	1 53	16 20	1 19	23 35	0 4	3 31	1 7	20 23	1 49	9 3	0 31	13 48	1 46	19 53	14 30	23 17	23 18	7 44	12 13	7 3			
S 15	0s 8	6 52	4 52	5 37	1 52	16 46	1 23	23 36	0 6	3 36	1 7	20 23	1 49	9 4	0 31	13 49	1 46	19 53	14 30	23 16	23 17	7 46	12 14	7 2			
M 16	0 32	12 23	4 22	4 54	1 51	17 11	1 26	23 38	0 7	3 41	1 7	20 23	1 49	9 6	0 31	13 49	1 46	19 52	14 30	23 15	23 17	7 49	12 14	7 2			
T 17	0 55	17 3	3 35	4 9	1 49	17 35	1 30	23 39	0 9	3 46	1 7	20 23	1 49	9 7	0 31	13 50	1 46	19 51	14 31	23 15	23 17	7 51	12 15	7 1			
W 18	1 19	20 33	2 34	3 24	1 47	18 0	1 34	23 40	0 10	3 51	1 7	20 23	1 49	9 8	0 31	13 51	1 46	19 51	14 31	23 14	23 17	7 54	12 16	7 1			
T 19	1 43	22 38	1 25	2 38	1 44	18 23	1 38	23 42	0 12	3 56	1 7	20 23	1 49	9 10	0 31	13 51	1 45	19 50	14 31	23 14	23 17	7 56	12 16	7 1			
F 20	2 6	23 16	0 13	1 52	1 40	18 47	1 41	23 43	0 13	4 1	1 7	20 23	1 49	9 11	0 31	13 52	1 45	19 50	14 31	23 14	23 16	7 58	12 17	7 0			
S 21	2 30	22 32	0n57	1 6	1 36	19 10	1 45	23 44	0 15	4 7	1 7	20 22	1 50	9 12	0 31	13 52	1 45	19 49	14 31	23 14	23 16	8 1	12 18	7 0			
S 22	2 53	20 35	2 3	0 20	1 32	19 32	1 48	23 45	0 16	4 12	1 7	20 22	1 50	9 14	0 31	13 53	1 45	19 48	14 32	23 14	23 16	8 3	12 18	6 59			
M 23	3 17	17 40	3 0	0s26	1 28	19 54	1 52	23 46	0 18	4 17	1 7	20 22	1 50	9 15	0 31	13 54	1 45	19 48	14 32	23 14	23 16	8 6	12 19	6 59			
T 24	3 40	14 2	3 48	1 13	1 23	20 16	1 56	23 47	0 20	4 22	1 7	20 22	1 50	9 16	0 31	13 54	1 45	19 47	14 32	23 14	23 16	8 8	12 20	6 58			
W 25	4 3	9 52	4 25	1 59	1 17	20 37	1 59	23 47	0 21	4 27	1 7	20 21	1 50	9 18	0 31	13 55	1 45	19 47	14 32	23 13	23 15	8 11	12 20	6 58			
T 26	4 27	5 22	4 49	2 45	1 12	20 58	2 2	23 48	0 23	4 32	1 7	20 21	1 50	9 19	0 31	13 56	1 45	19 46	14 33	23 13	23 15	8 13	12 21	6 57			
F 27	4 50	0 43	5 1	3 31	1 6	21 18	2 6	23 49	0 25	4 37	1 7	20 21	1 50	9 20	0 31	13 56	1 45	19 46	14 33	23 12	23 15	8 15	12 22	6 57			
S 28	5 13	3n57	4 59	4 16	1 0	21 37	2 9	23 50	0 27	4 42	1 7	20 21	1 50	9 22	0 31	13 57	1 45	19 45	14 33	23 11	23 15	8 18	12 22	6 56			
S 29	5 36	8 27	4 44	5 2	0 54	21 56	2 13	23 50	0 28	4 47	1 7	20 20	1 50	9 23	0 31	13 57	1 45	19 45	14 33	23 10	23 15	8 20	12 23	6 56			
M 30	6s 0	12n38	4n17	5s46	0n48	22s15	2s16	23n51	0n30	4s52	1n 7	20n20	1s51	9s24	0n31	13s58	1n45	19n44	14n34	23s 9	23s14	8n23	12s23	6n55			

ASTRODIENST EPHEMERIS for the year 1471

geocentric

OCTOBER 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	1 12 13	16♌ 9°54	4♌ 4	18♌13	0♌21	6♌51	15♌ 8	10°R59	25♌34	12♌33	13♌56	20°R12	21♌33	9♌54	4°R49	T 1
W 2	1 16 9	17° 9'29	16° 1	19°53	1°30	7°14	15°21	10II57	25°38	12°35	13°57	20♌ 4	21°30	10° 0	4♌49	W 2
T 3	1 20 6	18° 9'07	28° 3	21°32	2°38	7°37	15°34	10°55	25°42	12°37	13°59	19°59	21°27	10° 7	4°49	T 3
F 4	1 24 3	19° 8'47	10II13	23°11	3°46	8° 0	15°47	10°53	25°46	12°39	14° 1	19°56	21°24	10°14	4°49	F 4
S 5	1 27 59	20° 8'29	22°34	24°49	4°54	8°21	16° 0	10°51	25°49	12°41	14° 3	19°D56	21°21	10°20	4°48	S 5
S 6	1 31 56	21° 8'14	5♌10	26°26	6° 2	8°43	16°13	10°49	25°53	12°43	14° 5	19°57	21°17	10°27	4°D48	S 6
M 7	1 35 52	22° 8'01	18° 5	28° 3	7° 9	9° 4	16°26	10°46	25°57	12°46	14° 7	19°R57	21°14	10°34	4°49	M 7
T 8	1 39 49	23° 7'50	1♌24	29°40	8°17	9°25	16°39	10°44	26° 1	12°48	14° 9	19°57	21°11	10°41	4°49	T 8
W 9	1 43 45	24° 7'41	15° 9	1♌16	9°24	9°45	16°52	10°41	26° 4	12°50	14°10	19°55	21° 8	10°47	4°49	W 9
T 10	1 47 42	25° 7'34	29°22	2°51	10°31	10° 4	17° 5	10°39	26° 8	12°52	14°12	19°51	21° 5	10°54	4°49	T 10
F 11	1 51 38	26° 7'30	14♌ 0	4°26	11°38	10°24	17°18	10°36	26°12	12°54	14°14	19°44	21° 2	11° 1	4°49	F 11
S 12	1 55 35	27° 7'28	29° 0	6° 0	12°45	10°42	17°31	10°33	26°16	12°56	14°16	19°37	20°58	11° 7	4°50	S 12
S 13	1 59 32	28° 7'28	14♌13	7°34	13°52	11° 0	17°44	10°30	26°19	12°58	14°17	19°28	20°55	11°14	4°50	S 13
M14	2 3 28	29° 7'30	29°28	9° 7	14°59	11°18	17°57	10°27	26°23	13° 1	14°19	19°21	20°52	11°21	4°51	M14
T 15	2 7 25	0♌ 7'34	14♌35	10°40	16° 5	11°35	18°10	10°24	26°27	13° 3	14°21	19°15	20°49	11°28	4°51	T 15
W16	2 11 21	1° 7'40	29°25	12°12	17°11	11°52	18°23	10°21	26°31	13° 5	14°22	19°11	20°46	11°34	4°52	W16
T 17	2 15 18	2° 7'47	13♌49	13°44	18°18	12° 7	18°36	10°18	26°35	13° 7	14°24	19°D 9	20°43	11°41	4°53	T 17
F 18	2 19 14	3° 7'57	27°46	15°16	19°23	12°23	18°49	10°15	26°38	13°10	14°25	19°10	20°39	11°48	4°54	F 18
S 19	2 23 11	4° 8'07	11♌15	16°47	20°29	12°38	19° 2	10°11	26°42	13°12	14°27	19°11	20°36	11°54	4°55	S 19
S 20	2 27 7	5° 8'20	24°17	18°17	21°35	12°52	19°15	10° 8	26°46	13°14	14°29	19°12	20°33	12° 1	4°56	S 20
M21	2 31 4	6° 8'34	6♌57	19°48	22°40	13° 6	19°28	10° 4	26°49	13°16	14°30	19°R13	20°30	12° 8	4°57	M21
T 22	2 35 1	7° 8'49	19°19	21°17	23°45	13°19	19°40	10° 0	26°53	13°18	14°32	19°12	20°27	12°15	4°58	T 22
W23	2 38 57	8° 9'06	1♌27	22°47	24°50	13°31	19°53	9°56	26°57	13°21	14°33	19° 9	20°23	12°21	4°59	W23
T 24	2 42 54	9° 9'24	13°26	24°16	25°54	13°43	20° 6	9°53	27° 1	13°23	14°34	19° 4	20°20	12°28	5° 0	T 24
F 25	2 46 50	10° 9'44	25°20	25°44	26°59	13°54	20°18	9°49	27° 4	13°25	14°36	18°58	20°17	12°35	5° 1	F 25
S 26	2 50 47	11°10'05	7♌11	27°12	28° 3	14° 4	20°31	9°45	27° 8	13°27	14°37	18°51	20°14	12°41	5° 3	S 26
S 27	2 54 43	12°10'28	19° 4	28°39	29° 7	14°14	20°44	9°41	27°12	13°30	14°39	18°44	20°11	12°48	5° 4	S 27
M28	2 58 40	13°10'52	0♌59	0♌ 6	0♌10	14°23	20°56	9°37	27°15	13°32	14°40	18°37	20° 8	12°55	5° 6	M28
T 29	3 2 36	14°11'18	12°58	1°33	1°13	14°32	21° 9	9°32	27°19	13°34	14°41	18°31	20° 4	13° 2	5° 7	T 29
W30	3 6 33	15°11'46	25° 4	2°58	2°16	14°39	21°21	9°28	27°23	13°36	14°43	18°27	20° 1	13° 8	5° 9	W30
T 31	3 10 29	16♌12'16	7II17	4♌23	3♌19	14♌46	21♌34	9II24	27♌26	13♌39	14♌44	18♌25	19♌58	13♌15	5♌10	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
T 1	6s23	16n20	3n39	6s31	0n42	22s33	2s19	23n52	0n32	4s57	1n 7	20n20	1s51	9s26	0n31	13s59
W 2	6 45	19 24	2 50	7 15	0 35	22 50	2 22	23 52	0 34	5 2	1 7	20 19	1 51	9 27	0 31	13 59
T 3	7 8	21 38	1 54	7 58	0 29	23 7	2 25	23 53	0 35	5 7	1 7	20 19	1 51	9 29	0 31	14 0
F 4	7 31	22 54	0 52	8 41	0 22	23 24	2 29	23 53	0 37	5 12	1 7	20 19	1 51	9 30	0 31	14 1
S 5	7 54	23 4	0s14	9 24	0 16	23 39	2 32	23 54	0 39	5 17	1 7	20 18	1 51	9 31	0 31	14 1
S 6	8 16	22 4	1 21	10 6	0 9	23 55	2 34	23 54	0 41	5 22	1 7	20 18	1 51	9 33	0 31	14 2
M 7	8 39	19 53	2 25	10 47	0 2	24 9	2 37	23 55	0 43	5 27	1 7	20 17	1 51	9 34	0 31	14 3
T 8	9 1	16 36	3 23	11 27	0s 5	24 23	2 40	23 55	0 45	5 32	1 7	20 17	1 51	9 35	0 31	14 3
W 9	9 23	12 19	4 12	12 7	0 11	24 36	2 43	23 56	0 47	5 37	1 7	20 16	1 51	9 37	0 31	14 4
T 10	9 45	7 15	4 47	12 47	0 18	24 49	2 45	23 56	0 49	5 42	1 7	20 16	1 52	9 38	0 31	14 5
F 11	10 7	1 37	5 13	13 25	0 25	25 1	2 48	23 57	0 51	5 47	1 7	20 16	1 52	9 40	0 31	14 5
S 12	10 29	4s13	5 2	14 3	0 32	25 13	2 51	23 57	0 53	5 52	1 7	20 15	1 52	9 41	0 31	14 6
S 13	10 50	9 53	4 38	14 41	0 38	25 23	2 53	23 58	0 55	5 57	1 7	20 15	1 52	9 42	0 31	14 7
M14	11 12	14 58	3 55	15 17	0 45	25 34	2 55	23 59	0 57	6 2	1 7	20 14	1 52	9 44	0 31	14 7
T 15	11 33	19 3	2 55	15 53	0 51	25 43	2 57	23 59	0 59	6 7	1 7	20 14	1 52	9 45	0 31	14 8
W16	11 54	21 47	1 44	16 28	0 58	25 52	3 0	24 0	1 2	6 12	1 7	20 13	1 52	9 46	0 31	14 9
T 17	12 15	23 0	0 29	17 2	1 4	26 0	3 2	24 1	1 4	6 17	1 7	20 13	1 52	9 48	0 31	14 9
F 18	12 36	22 43	0n46	17 35	1 10	26 8	3 3	24 1	1 6	6 22	1 7	20 12	1 52	9 49	0 31	14 10
S 19	12 56	21 6	1 57	18 7	1 16	26 15	3 5	24 2	1 8	6 27	1 7	20 11	1 52	9 51	0 31	14 11
S 20	13 16	18 23	2 58	18 39	1 22	26 21	3 7	24 3	1 11	6 32	1 7	20 11	1 52	9 52	0 31	14 11
M21	13 36	14 53	3 50	19 9	1 28	26 26	3 9	24 4	1 13	6 36	1 7	20 10	1 52	9 53	0 31	14 12
T 22	13 56	10 49	4 29	19 39	1 34	26 31	3 10	24 5	1 15	6 41	1 7	20 10	1 52	9 55	0 31	14 13
W23	14 16	6 23	4 55	20 7	1 40	26 36	3 11	24 6	1 18	6 46	1 7	20 9	1 52	9 56	0 31	14 13
T 24	14 35	1 47	5 8	20 35	1 45	26 39	3 13	24 7	1 20	6 51	1 7	20 9	1 52	9 57	0 31	14 14
F 25	14 54	2n51	5 8	21 2	1 50	26 42	3 14	24 9	1 22	6 55	1 7	20 8	1 52	9 59	0 31	14 15
S 26	15 13	7 22	4 54	21 27	1 55	26 44	3 15	24 10	1 25	7 0	1 7	20 7	1 52	10 0	0 31	14 15
S 27	15 32	11 37	4 28	21 52	2 0	26 46	3 16	24 11	1 27	7 5	1 7	20 7	1 52	10 1	0 31	14 16
M28	15 50	15 26	3 50	22 15	2 4	26 47	3 16	24 13	1 30	7 10	1 7	20 6	1 52	10 3	0 31	14 17
T 29	16 9	18 39	3 1	22 37	2 8	26 47	3 17	24 14	1 32	7 14	1 7	20 5	1 52	10 4	0 31	14 17
W30	16 26	21 6	2 4	22 59	2 12	26 47	3 17	24 16	1 35	7 19	1 7	20 5	1 52	10 5	0 31	14 18
T 31	16s44	22n35	1n 0	23s18	2s16	26s45	3s18	24n18	1n37	7s23	1n 7	20n 4	1s52	10s 6	0n31	14s19

Julian Day Number = 2258613.5, Delta T = 05m49s
 Ecliptic obliquity = 23°30'28", Nutation = 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 17°22'13", Lahiri = 16°29'13" Julian Calendar 1 Oct. 1471 == Greg. Calendar 10 Oct. 1471

ASTRODIENST EPHEMERIS for the year 1471

geocentric

NOVEMBER 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	3 14 26	17 ¹¹ 12'47	19 ¹¹ 39	5 ¹⁷ 47	4 ³ 21	14 ⁵ 53	21 ¹⁴ 46	9°R20	27 ¹³ 30	13 ¹¹ 41	14 ¹¹ 45	18°D24	19 ¹⁷ 55	13 ¹⁷ 22	5 ¹¹ 12	F 1	
S 2	3 18 23	18°13'20	2 ⁵ 13	7°11	5°23	14°58	21°59	9 ¹¹ 15	27°33	13°43	14°46	18 ¹⁷ 25	19°52	13°28	5°14	S 2	
S 3	3 22 19	19°13'54	14°59	8°33	6°25	15° 3	22°11	9°11	27°37	13°45	14°47	18°27	19°48	13°35	5°16	S 3	
M 4	3 26 16	20°14'30	28° 1	9°55	7°26	15° 7	22°23	9° 6	27°41	13°48	14°49	18°28	19°45	13°42	5°18	M 4	
T 5	3 30 12	21°15'08	11 ¹¹ 20	11°15	8°27	15°10	22°36	9° 2	27°44	13°50	14°50	18°30	19°42	13°49	5°20	T 5	
W 6	3 34 9	22°15'48	25° 0	12°34	9°28	15°12	22°48	8°57	27°48	13°52	14°51	18°R30	19°39	13°55	5°22	W 6	
T 7	3 38 5	23°16'29	9 ¹¹ 0	13°51	10°28	15°14	23° 0	8°52	27°51	13°54	14°52	18°29	19°36	14° 2	5°24	T 7	
F 8	3 42 2	24°17'13	23°20	15° 7	11°28	15°R15	23°12	8°48	27°55	13°57	14°53	18°27	19°33	14° 9	5°26	F 8	
S 9	3 45 58	25°17'57	7 ¹¹ 58	16°20	12°27	15°15	23°24	8°43	27°58	13°59	14°54	18°24	19°29	14°15	5°28	S 9	
S 10	3 49 55	26°18'44	22°49	17°32	13°26	15°14	23°36	8°38	28° 2	14° 1	14°55	18°21	19°26	14°22	5°31	S 10	
M11	3 53 52	27°19'31	7 ¹¹ 44	18°40	14°25	15°12	23°48	8°33	28° 5	14° 3	14°56	18°18	19°23	14°29	5°33	M11	
T 12	3 57 48	28°20'21	22°37	19°46	15°23	15°10	24° 0	8°28	28° 8	14° 6	14°57	18°16	19°20	14°36	5°35	T 12	
W13	4 1 45	29°21'11	7 ¹¹ 18	20°49	16°20	15° 6	24°12	8°24	28°12	14° 8	14°58	18°15	19°17	14°42	5°38	W13	
T 14	4 5 41	0 ¹¹ 22'03	21°41	21°47	17°18	15° 2	24°24	8°19	28°15	14°10	14°58	18°D14	19°14	14°49	5°40	T 14	
F 15	4 9 38	1°22'56	5 ¹¹ 41	22°42	18°14	14°57	24°35	8°14	28°18	14°12	14°59	18°15	19°10	14°56	5°43	F 15	
S 16	4 13 34	2°23'50	19°16	23°31	19°10	14°51	24°47	8° 9	28°22	14°14	15° 0	18°16	19° 7	15° 2	5°46	S 16	
S 17	4 17 31	3°24'45	2 ¹¹ 25	24°14	20° 6	14°44	24°59	8° 4	28°25	14°16	15° 1	18°18	19° 4	15° 9	5°48	S 17	
M18	4 21 28	4°25'40	15°12	24°51	21° 0	14°37	25°10	7°59	28°28	14°19	15° 2	18°19	19° 1	15°16	5°51	M18	
T 19	4 25 24	5°26'36	27°38	25°21	21°55	14°28	25°22	7°54	28°31	14°21	15° 2	18°19	18°58	15°22	5°54	T 19	
W20	4 29 21	6°27'33	9 ¹¹ 49	25°43	22°48	14°19	25°33	7°49	28°35	14°23	15° 3	18°R20	18°54	15°29	5°57	W20	
T 21	4 33 17	7°28'31	21°48	25°56	23°41	14° 9	25°44	7°44	28°38	14°25	15° 3	18°19	18°51	15°36	5°59	T 21	
F 22	4 37 14	8°29'29	3 ¹¹ 41	25°R59	24°33	13°58	25°55	7°39	28°41	14°27	15° 4	18°18	18°48	15°43	6° 2	F 22	
S 23	4 41 10	9°30'28	15°32	25°51	25°25	13°46	26° 7	7°34	28°44	14°29	15° 5	18°17	18°45	15°49	6° 5	S 23	
S 24	4 45 7	10°31'28	27°25	25°33	26°15	13°33	26°18	7°29	28°47	14°31	15° 5	18°16	18°42	15°56	6° 9	S 24	
M25	4 49 3	11°32'29	9 ¹¹ 24	25° 2	27° 5	13°20	26°29	7°24	28°50	14°33	15° 6	18°15	18°39	16° 3	6°12	M25	
T 26	4 53 0	12°33'30	21°30	24°21	27°54	13° 5	26°40	7°19	28°53	14°35	15° 6	18°14	18°35	16° 9	6°15	T 26	
W27	4 56 57	13°34'32	3 ¹¹ 47	23°28	28°43	12°50	26°50	7°14	28°56	14°37	15° 7	18°13	18°32	16°16	6°18	W27	
T 28	5 0 53	14°35'34	16°16	22°26	29°30	12°34	27° 1	7°10	28°59	14°39	15° 7	18°D13	18°29	16°23	6°21	T 28	
F 29	5 4 50	15°36'38	28°57	21°15	0 ¹¹ 16	12°18	27°12	7° 5	29° 2	14°41	15° 7	18°13	18°26	16°30	6°25	F 29	
S 30	5 8 46	16 ¹¹ 37'42	11 ¹¹ 51	19 ¹⁷ 57	1 ¹¹ 2	12 ¹¹ 5	27 ¹¹ 23	7 ¹¹ 0	29 ¹¹ 5	14 ¹¹ 43	15 ¹¹ 8	18 ¹¹ 14	18 ¹¹ 23	16 ¹¹ 36	6 ¹¹ 28	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	17s 1	22n59	0s 7	23s37	2s19	26s44	3s18	24n20	1n40	7s28	1n 7	20n 4	1s52	10s 8	0n31	14s20	1n45	19n35	14n46	23s 0	23s 7	9n38	12s33	6n40	12s 6
S 2	17 18	22 14	1 15	23 54	2 22	26 41	3 18	24 22	1 43	7 33	1 7	20 3	1 52	10 9	0 31	14 20	1 45	19 35	14 46	23 0	23 7	9 40	12 33	6 39	12s 6
S 3	17 35	20 20	2 21	24 11	2 25	26 38	3 18	24 24	1 45	7 37	1 7	20 2	1 52	10 10	0 31	14 21	1 45	19 35	14 47	23 0	23 7	9 43	12 33	6 39	12s 6
M 4	17 51	17 21	3 20	24 25	2 27	26 35	3 17	24 26	1 48	7 42	1 7	20 2	1 52	10 12	0 31	14 22	1 45	19 35	14 47	23 0	23 7	9 45	12 33	6 38	12s 6
T 5	18 7	13 24	4 11	24 39	2 29	26 31	3 17	24 28	1 51	7 46	1 8	20 1	1 52	10 13	0 31	14 22	1 45	19 35	14 48	23 0	23 6	9 47	12 33	6 38	12s 6
W 6	18 23	8 42	4 48	24 51	2 30	26 26	3 16	24 31	1 53	7 51	1 8	20 0	1 52	10 14	0 31	14 23	1 45	19 35	14 48	23 0	23 6	9 50	12 33	6 38	12s 6
T 7	18 39	3 26	5 10	25 1	2 31	26 20	3 15	24 33	1 56	7 55	1 8	19 59	1 52	10 15	0 31	14 23	1 45	19 35	14 49	23 0	23 6	9 52	12 33	6 37	12s 6
F 8	18 54	2s 8	5 13	25 10	2 31	26 14	3 14	24 36	1 59	8 0	1 8	19 59	1 52	10 17	0 31	14 24	1 45	19 35	14 49	23 0	23 6	9 54	12 33	6 37	12s 6
S 9	19 9	7 42	4 56	25 18	2 30	26 8	3 13	24 39	2 2	8 4	1 8	19 58	1 52	10 18	0 31	14 25	1 45	19 35	14 50	23 0	23 5	9 56	12 33	6 36	12s 6
S 10	19 23	12 54	4 20	25 24	2 29	26 0	3 12	24 42	2 4	8 8	1 8	19 57	1 52	10 19	0 31	14 25	1 45	19 35	14 50	23 0	23 5	9 59	12 33	6 36	12s 6
M11	19 37	17 22	3 25	25 28	2 28	25 53	3 10	24 45	2 7	8 13	1 8	19 57	1 52	10 20	0 31	14 26	1 45	19 35	14 51	22 59	23 5	10 1	12 33	6 35	12s 6
T 12	19 51	20 41	2 17	25 31	2 25	25 44	3 9	24 48	2 10	8 17	1 8	19 56	1 52	10 22	0 31	14 27	1 45	19 35	14 51	22 59	23 5	10 3	12 32	6 35	12s 6
W13	20 4	22 35	1 0	25 33	2 22	25 35	3 7	24 51	2 13	8 21	1 8	19 55	1 52	10 23	0 31	14 27	1 45	19 35	14 52	22 59	23 4	10 6	12 32	6 35	12s 6
T 14	20 17	22 56	0n19	25 32	2 17	25 26	3 4	24 54	2 16	8 26	1 8	19 55	1 52	10 24	0 31	14 28	1 45	19 35	14 52	22 59	23 4	10 8	12 32	6 34	12s 6
F 15	20 30	21 48	1 35	25 30	2 12	25 16	3 2	24 58	2 19	8 30	1 8	19 54	1 52	10 25	0 31	14 29	1 45	19 36	14 53	22 59	23 4	10 10	12 32	6 34	12s 6
S 16	20 42	19 25	2 43	25 27	2 6	25 6	3 0	25 1	2 22	8 34	1 8	19 53	1 52	10 26	0 31	14 29	1 45	19 36	14 53	22 59	23 4	10 12	12 32	6 33	12s 6
S 17	20 54	16 5	3 41	25 21	1 58	24 55	2 57	25 5	2 25	8 38	1 8	19 52	1 52	10 27	0 31	14 30	1 45	19 36	14 54	22 59	23 3	10 15	12 31	6 33	12s 6
M18	21 5	12 6	4 25	25 14	1 50	24 43	2 54	25 9	2 27	8 42	1 9	19 52	1 52	10 29	0 31	14 30	1 45	19 36	14 54	22 59	23 3	10 17	12 31	6 32	12s 6
T 19	21 16	7 41	4 56	25 5	1 40	24 32	2 51	25 13	2 30	8 46	1 9	19 51	1 52	10 30	0 31	14 31	1 45	19 36	14 55	23 0	23 3	10 19	12 31	6 32	12s 6
W20	21 27	3 5	5 13	24 55	1 29	24 19	2 47	25 17	2 33	8 50	1 9	19 50	1 52	10 31	0 31	14 32	1 45	19 37	14 55	23 0	23 3	10 21	12 31	6 32	12s 6
T 21	21 37	1n35	5 16	24 43	1 16	24 7	2 44	25 20	2 36	8 54	1 9	19 49	1 52	10 32	0 31	14 32	1 45	19 37	14 56	23 0	23 2	10 24	12 30	6 31	12s 6
F 22	21 47	6 8	5 5	24 29	1 2	23 54	2 40	25 25	2 39	8 58	1 9	19 49	1 52	10 33	0 31	14 33	1 45	19 37	14 56	22 59	23 2	10 26	12 30	6 31	12s 6
S 23	21 56	10 28	4 42	24 13	0 47	23 40	2 36	25 29	2 42	9 2	1 9	19 48	1 52	10 34	0 31	14 33	1 45	19 37	14 57	22 59	23 2	10 28	12 30	6 30	12s 6
S 24	22 5	14 24	4 6	23 56	0 30	23 26	2 31	25 33	2 45	9 6	1 9	19 47	1 51	10 35	0 31	14 34	1 45	19 38	14 58	22 59	23 1	10 30	12 29	6 30	12s 6
M25	22 14	17 48	3 19	23 37	0 12	23 12	2 27	25 37	2 48	9 10	1 9	19 47	1 51	10 36	0 31	14 35	1 45	19 38	14 58	22 59	23 1	10 33	12 29	6 30	12s 6
T 26	22 22	20 29	2 23	23 16	0n 7	22 58	2 22	25 41	2 50	9 14	1 9	19 46	1 51	10 37	0 31	14 35	1 45	19 38	14 59	22 59	23 1	10 35	12 28	6 29	12s 6
W27	22 30	22 16	1 19	22 54	0 27	22 43	2 17	25 45	2 53	9 18	1 9	19 45	1 51	10 38	0 31	14 36	1 45	19 38	14 59	22 59	23 1	10 37	12 28	6 29	12s 6
T 28	22 37	22 59	0 11	22 30	0 47	22 27	2 12	25 50	2 56	9 22	1 10	19 45	1 51	10 39	0 31	14 36	1 45	19 39	15 0	22 59	23 0	10 39	12 28	6 29	12s 6
F 29	22 44	22 31	0s59	22 6	1 7	22 12	2 6	25 54	2 59	9 25	1 10	19 44	1 51	10 40	0 31	14 37	1 45	19 39	15 0	22 59	23 0	10 41	12 27	6 28	12s 6
S 30	22s50	20n52	2s 7	21s41	1n27	21s56	2s 0	25n58	3n 1	9s29	1n10	19n43	1s51	10s41	0n31	14s37	1n45	19n40	15n 1	22s59	23s 0	10n44	12s27	6n28	12s 6

ASTRODIENST EPHEMERIS for the year 1471

geocentric

DECEMBER 1471 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	5 12 43	17°38'47	24°58	18°R35	1°46	11°R43	27°33	6°R55	29°8	14°M45	15°8	18°R14	18°20	16°Y43	6°31	S 1
M 2	5 16 39	18°39'52	8°18	17°R12	2°29	11°R24	27°43	6°R50	29°10	14°47	15°8	18°R14	18°16	16°50	6°35	M 2
T 3	5 20 36	19°40'58	21°51	15°51	3°12	11°5	27°54	6°45	29°13	14°49	15°8	18°14	18°13	16°56	6°38	T 3
W 4	5 24 32	20°42'06	5°37	14°34	3°53	10°45	28°4	6°41	29°16	14°51	15°9	18°13	18°10	17°3	6°42	W 4
T 5	5 28 29	21°43'13	19°35	13°23	4°33	10°25	28°14	6°36	29°18	14°53	15°9	18°D13	18°7	17°10	6°45	T 5
F 6	5 32 26	22°44'22	3°44	12°21	5°12	10°4	28°24	6°31	29°21	14°55	15°9	18°13	18°4	17°17	6°49	F 6
S 7	5 36 22	23°45'31	18°1	11°28	5°49	9°42	28°34	6°27	29°24	14°57	15°9	18°14	18°0	17°23	6°52	S 7
S 8	5 40 19	24°46'41	2°M25	10°46	6°25	9°20	28°44	6°22	29°26	14°59	15°9	18°14	17°57	17°30	6°56	S 8
M 9	5 44 15	25°47'52	16°52	10°14	7°0	8°58	28°54	6°17	29°29	15°1	15°R9	18°15	17°54	17°37	7°0	M 9
T 10	5 48 12	26°49'03	1°17	9°53	7°33	8°35	29°3	6°13	29°31	15°2	15°9	18°16	17°51	17°43	7°4	T 10
W11	5 52 8	27°50'15	15°34	9°43	8°5	8°12	29°13	6°9	29°34	15°4	15°9	18°R16	17°48	17°50	7°7	W11
T 12	5 56 5	28°51'27	29°40	9°D42	8°35	7°49	29°22	6°4	29°36	15°6	15°9	18°16	17°45	17°57	7°11	T 12
F 13	6 0 1	29°52'39	13°30	9°50	9°4	7°25	29°32	6°0	29°38	15°8	15°9	18°15	17°41	18°3	7°15	F 13
S 14	6 3 58	0°53'51	27°0	10°7	9°31	7°2	29°41	5°56	29°41	15°9	15°9	18°13	17°38	18°10	7°19	S 14
S 15	6 7 55	1°55'03	10°9	10°31	9°56	6°38	29°50	5°51	29°43	15°11	15°8	18°12	17°35	18°17	7°23	S 15
M16	6 11 51	2°56'15	22°58	11°2	10°20	6°14	29°59	5°47	29°45	15°13	15°8	18°9	17°32	18°24	7°27	M16
T 17	6 15 48	3°57'27	5°28	11°40	10°41	5°50	0°M8	5°43	29°47	15°14	15°8	18°7	17°29	18°30	7°31	T 17
W18	6 19 44	4°58'39	17°42	12°23	11°1	5°26	0°17	5°39	29°49	15°16	15°8	18°6	17°26	18°37	7°35	W18
T 19	6 23 41	5°59'50	29°43	13°11	11°18	5°2	0°25	5°35	29°51	15°18	15°7	18°5	17°22	18°44	7°39	T 19
F 20	6 27 37	7°1'00	11°Y37	14°3	11°34	4°38	0°34	5°31	29°53	15°19	15°7	18°D5	17°19	18°50	7°43	F 20
S 21	6 31 34	8°2'11	23°28	14°59	11°47	4°14	0°42	5°28	29°55	15°21	15°7	18°6	17°16	18°57	7°47	S 21
S 22	6 35 30	9°3'21	5°21	15°59	11°58	3°51	0°50	5°24	29°57	15°22	15°6	18°7	17°13	19°4	7°51	S 22
M23	6 39 27	10°4'30	17°21	17°2	12°7	3°28	0°58	5°20	29°59	15°24	15°6	18°9	17°10	19°10	7°56	M23
T 24	6 43 24	11°5'40	29°32	18°7	12°13	3°5	1°6	5°17	0°M1	15°25	15°5	18°10	17°6	19°17	8°0	T 24
W25	6 47 20	12°6'48	11°M57	19°15	12°18	2°42	1°14	5°13	0°3	15°27	15°5	18°R11	17°3	19°24	8°4	W25
T 26	6 51 17	13°7'57	24°39	20°26	12°R19	2°20	1°22	5°10	0°4	15°28	15°4	18°11	17°0	19°31	8°8	T 26
F 27	6 55 13	14°9'05	7°238	21°38	12°18	1°59	1°30	5°7	0°6	15°30	15°4	18°10	16°57	19°37	8°13	F 27
S 28	6 59 10	15°10'12	20°56	22°52	12°15	1°37	1°37	5°3	0°8	15°31	15°3	18°7	16°54	19°44	8°17	S 28
S 29	7 3 6	16°11'19	4°20	24°8	12°9	1°17	1°44	5°0	0°9	15°32	15°3	18°3	16°51	19°51	8°21	S 29
M30	7 7 3	17°12'26	18°19	25°25	12°1	0°56	1°52	4°57	0°11	15°34	15°2	17°59	16°47	19°57	8°25	M30
T 31	7 11 0	18°13'32	2°M18	26°R44	11°50	0°237	1°M59	4°M54	0°M12	15°M35	15°M1	17°R54	16°R44	20°Y4	8°30	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	22s56	18n 5	3s10	21s16	1n46	21s40	1s54	26n 3	3n 4	9s33	1n10	19n42	1s51	10s42	0n31	14s38
M 2	23 1	14 19	4 4	20 51	2 3	21 24	1 47	26 7	3 7	9 36	1 10	19 42	1 51	10 43	0 31	14 39
T 3	23 6	9 46	4 44	20 28	2 18	21 8	1 41	26 11	3 9	9 40	1 10	19 41	1 50	10 44	0 31	14 39
W 4	23 11	4 40	5 10	20 6	2 31	20 51	1 34	26 15	3 12	9 43	1 10	19 40	1 50	10 45	0 31	14 40
T 5	23 15	0s44	5 17	19 47	2 42	20 34	1 26	26 19	3 14	9 47	1 10	19 40	1 50	10 46	0 31	14 40
F 6	23 18	6 10	5 6	19 31	2 51	20 18	1 19	26 23	3 16	9 50	1 11	19 39	1 50	10 47	0 31	14 41
S 7	23 22	11 20	4 36	19 18	2 57	20 1	1 11	26 27	3 19	9 54	1 11	19 39	1 50	10 48	0 31	14 41
S 8	23 24	15 55	3 48	19 8	3 1	19 44	1 2	26 31	3 21	9 57	1 11	19 38	1 50	10 49	0 31	14 42
M 9	23 26	19 34	2 46	19 2	3 2	19 26	0 54	26 35	3 23	10 0	1 11	19 37	1 49	10 50	0 31	14 42
T 10	23 28	21 59	1 33	18 59	3 2	19 9	0 45	26 38	3 25	10 4	1 11	19 37	1 49	10 51	0 31	14 43
W11	23 29	22 58	0 15	18 59	3 1	18 52	0 35	26 42	3 27	10 7	1 11	19 36	1 49	10 51	0 31	14 43
T 12	23 30	22 28	1n 3	19 2	2 58	18 35	0 26	26 45	3 29	10 10	1 11	19 36	1 49	10 52	0 31	14 44
F 13	23 30	20 35	2 15	19 8	2 53	18 18	0 16	26 49	3 31	10 13	1 12	19 35	1 49	10 53	0 32	14 44
S 14	23 30	17 34	3 18	19 16	2 48	18 1	0 5	26 52	3 33	10 16	1 12	19 34	1 49	10 54	0 32	14 45
S 15	23 30	13 45	4 9	19 25	2 42	17 44	0n 5	26 55	3 34	10 19	1 12	19 34	1 48	10 55	0 32	14 45
M16	23 28	9 23	4 46	19 36	2 35	17 27	0 16	26 57	3 36	10 22	1 12	19 33	1 48	10 55	0 32	14 45
T 17	23 27	4 45	5 8	19 48	2 28	17 10	0 27	27 0	3 38	10 25	1 12	19 33	1 48	10 56	0 32	14 46
W18	23 25	0 2	5 16	20 2	2 20	16 53	0 39	27 2	3 39	10 28	1 12	19 32	1 48	10 57	0 32	14 46
T 19	23 22	4n37	5 9	20 16	2 12	16 37	0 51	27 5	3 40	10 31	1 12	19 32	1 48	10 58	0 32	14 47
F 20	23 19	9 3	4 50	20 31	2 3	16 21	1 4	27 7	3 41	10 34	1 13	19 31	1 48	10 58	0 32	14 47
S 21	23 16	13 8	4 18	20 46	1 55	16 5	1 16	27 9	3 42	10 37	1 13	19 31	1 47	10 59	0 32	14 48
S 22	23 12	16 43	3 35	21 1	1 46	15 49	1 29	27 10	3 43	10 40	1 13	19 30	1 47	11 0	0 32	14 48
M23	23 7	19 39	2 42	21 16	1 37	15 34	1 43	27 12	3 44	10 42	1 13	19 30	1 47	11 0	0 32	14 48
T 24	23 3	21 45	1 41	21 31	1 28	15 19	1 56	27 13	3 45	10 45	1 13	19 30	1 47	11 1	0 32	14 49
W25	22 57	22 51	0 34	21 45	1 19	15 5	2 10	27 15	3 46	10 47	1 13	19 29	1 46	11 1	0 32	14 49
T 26	22 51	22 49	0s35	21 59	1 10	14 51	2 24	27 16	3 46	10 50	1 14	19 29	1 46	11 2	0 32	14 49
F 27	22 45	21 32	1 45	22 13	1 1	14 37	2 39	27 16	3 47	10 52	1 14	19 28	1 46	11 3	0 32	14 50
S 28	22 39	19 4	2 50	22 26	0 53	14 24	2 53	27 17	3 47	10 55	1 14	19 28	1 46	11 3	0 32	14 50
S 29	22 31	15 31	3 47	22 39	0 44	14 11	3 8	27 18	3 48	10 57	1 14	19 28	1 46	11 4	0 32	14 51
M30	22 24	11 4	4 32	22 50	0 35	13 59	3 23	27 18	3 48	11 0	1 14	19 27	1 45	11 4	0 32	14 51
T 31	22s16	6n 0	5s 1	23s 1	0n27	13s48	3n38	27n18	3n48	11s 2	1n14	19n27	1s45	11s 5	0n32	14s51

Julian Day Number = 2258674.5, Delta T = 05m49s

Ecliptic obliquity = 23°30'26", Nutation = 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°22'21", Lahiri = 16°29'22" Julian Calendar 1 Dec. 1471 == Greg. Calendar 10 Dec. 1471