



Astrodienst Ephemeris Tables for the year 1430

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 1430

geocentric

JANUARY 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 15 36	19°26'24"	10°18'	6°22'	19°37'	17°59'	27°58'	6°37'	17°4'	13°21'	6°4'	17°39'	19°0'	21°12'	5°53'	S 1
M 2	7 19 33	20°27'30"	23°23'	6°R 5	20°51'	17°56'	28° 7	6°44'	17° 5	13°20'	6°3'	17°R39'	18°57'	21°19'	5°56'	M 2
T 3	7 23 30	21°28'35"	6°8'	5°56'	22° 5	18°44'	28°17'	6°51'	17° 6	13°18'	6° 2	17°38'	18°54'	21°25'	5°59'	T 3
W 4	7 27 26	22°29'39"	18°35'	5°36'	23°19'	19°31'	28°27'	6°58'	17° 7	13°17'	6° 1	17°35'	18°51'	21°32'	6° 2	W 4
T 5	7 31 23	23°30'42"	0°11'50"	5° 4	24°33'	20°18'	28°36'	7° 5	17° 8	13°15'	5°59'	17°29'	18°47'	21°39'	6° 5	T 5
F 6	7 35 19	24°31'45"	12°55'	4°21'	25°47'	21° 5	28°46'	7°12'	17° 9	13°14'	5°58'	17°21'	18°44'	21°45'	6° 8	F 6
S 7	7 39 16	25°32'46"	24°54'	3°29'	27° 1	21°53'	28°56'	7°19'	17°10'	13°12'	5°57'	17°11'	18°41'	21°52'	6°11'	S 7
S 8	7 43 12	26°33'47"	6°48'	2°28'	28°15'	22°40'	29° 6	7°26'	17°11'	13°10'	5°56'	17° 1	18°38'	21°59'	6°14'	S 8
M 9	7 47 9	27°34'46"	18°40'	1°20'	29°28'	23°27'	29°16'	7°32'	17°12'	13° 9	5°55'	16°50'	18°35'	22° 5	6°17'	M 9
T 10	7 51 6	28°35'45"	0°21'31"	0° 7	0°42'	24°14'	29°27'	7°39'	17°13'	13° 7	5°54'	16°41'	18°31'	22°12'	6°21'	T 10
W 11	7 55 2	29°36'43"	12°23'	28°52'	1°56'	25° 1	29°37'	7°46'	17°14'	13° 6	5°52'	16°34'	18°28'	22°19'	6°24'	W 11
T 12	7 58 59	0°37'39"	24°17'	27°37'	3° 9	25°49'	29°48'	7°53'	17°16'	13° 4	5°51'	16°29'	18°25'	22°26'	6°27'	T 12
F 13	8 2 55	1°38'35"	6°16'	26°23'	4°23'	26°36'	29°58'	7°59'	17°17'	13° 2	5°50'	16°26'	18°22'	22°32'	6°30'	F 13
S 14	8 6 52	2°39'30"	18°21'	25°14'	5°36'	27°23'	0°Y 9	8° 6	17°18'	13° 1	5°49'	16°D26'	18°19'	22°39'	6°34'	S 14
S 15	8 10 48	3°40'24"	0°23'37"	24° 9	6°50'	28°10'	0°20'	8°13'	17°20'	12°59'	5°48'	16°27'	18°16'	22°46'	6°37'	S 15
M 16	8 14 45	4°41'17"	13° 8	23°12'	8° 3	28°57'	0°31'	8°19'	17°21'	12°57'	5°47'	16°28'	18°12'	22°52'	6°40'	M 16
T 17	8 18 41	5°42'10"	25°56'	22°22'	9°16'	29°44'	0°42'	8°26'	17°23'	12°56'	5°46'	16°30'	18° 9	22°59'	6°44'	T 17
W 18	8 22 38	6°43'01"	9°11'46"	21°40'	10°30'	0°31'31"	0°53'	8°32'	17°24'	12°54'	5°45'	16°R30'	18° 6	23° 6	6°47'	W 18
T 19	8 26 34	7°43'52"	22°41'	21° 7	11°43'	1°19'	1° 4	8°39'	17°26'	12°52'	5°44'	16°29'	18° 3	23°12'	6°51'	T 19
F 20	8 30 31	8°44'41"	6°27'43"	20°42'	12°56'	2° 6	1°16'	8°45'	17°28'	12°51'	5°43'	16°26'	18° 0	23°19'	6°54'	F 20
S 21	8 34 28	9°45'30"	21°11'	20°25'	14° 9	2°53'	1°27'	8°52'	17°29'	12°49'	5°42'	16°22'	17°57'	23°26'	6°58'	S 21
S 22	8 38 24	10°46'18"	6°3' 2	20°17'	15°22'	3°40'	1°39'	8°58'	17°31'	12°47'	5°41'	16°17'	17°53'	23°33'	7° 1	S 22
M 23	8 42 21	11°47'05"	21° 9	20°D16'	16°35'	4°27'	1°51'	9° 4	17°33'	12°46'	5°40'	16°11'	17°50'	23°39'	7° 5	M 23
T 24	8 46 17	12°47'50"	6°22'22"	20°22'	17°48'	5°14'	2° 2	9°11'	17°35'	12°44'	5°39'	16° 6	17°47'	23°46'	7° 8	T 24
W 25	8 50 14	13°48'34"	21°32'	20°35'	19° 1	6° 1	2°14'	9°17'	17°37'	12°42'	5°38'	16° 3	17°44'	23°53'	7°12'	W 25
T 26	8 54 10	14°49'17"	6°29'29"	20°54'	20°14'	6°48'	2°26'	9°23'	17°39'	12°41'	5°37'	16° 1	17°41'	23°59'	7°15'	T 26
F 27	8 58 7	15°49'58"	21° 4	21°19'	21°26'	7°35'	2°38'	9°29'	17°41'	12°39'	5°36'	16°D 1	17°37'	24° 6	7°19'	F 27
S 28	9 2 4	16°50'37"	5°Y13'	21°49'	22°39'	8°22'	2°50'	9°35'	17°43'	12°37'	5°35'	16° 2	17°34'	24°13'	7°23'	S 28
S 29	9 6 0	17°51'15"	18°55'	22°24'	23°52'	9° 8	3° 2	9°42'	17°45'	12°36'	5°34'	16° 3	17°31'	24°19'	7°26'	S 29
M 30	9 9 57	18°51'51"	2°10'	23° 4	25° 4	9°55'	3°15'	9°48'	17°47'	12°34'	5°33'	16° 5	17°28'	24°26'	7°30'	M 30
T 31	9 13 53	19°52'25"	15°8' 0	23°37'	26°16'	10°42'	3°Y27'	9°35'	17°49'	12°32'	5°32'	16°R 6	17°25'	24°33'	7°34'	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	22s 6	5n54	1n58	18s 0	0n51	16s34	1s40	16s47	1s 6	1s58	1s16	22s50	0n32	6n10	0s36	17n 5
M 2	21 57	11 53	2 59	17 42	1 9	16 9	1 39	16 33	1 6	1 54	1 15	22 49	0 31	6 11	0 36	17 6
T 3	21 48	17 13	3 49	17 26	1 27	15 44	1 38	16 18	1 5	1 50	1 15	22 49	0 31	6 11	0 36	17 6
W 4	21 38	21 42	4 28	17 13	1 46	15 19	1 37	16 2	1 5	1 46	1 15	22 49	0 31	6 11	0 36	17 7
T 5	21 28	25 10	4 53	17 3	2 4	14 53	1 36	15 47	1 4	1 42	1 15	22 48	0 31	6 12	0 36	17 7
F 6	21 17	27 27	5 5	16 56	2 22	14 27	1 35	15 31	1 4	1 38	1 15	22 48	0 31	6 12	0 36	17 7
S 7	21 6	28 28	5 3	16 53	2 38	14 1	1 34	15 16	1 4	1 34	1 14	22 48	0 31	6 13	0 36	17 8
S 8	20 55	28 8	4 48	16 52	2 53	13 34	1 33	15 0	1 3	1 29	1 14	22 47	0 31	6 13	0 36	17 8
M 9	20 43	26 30	4 20	16 54	3 6	13 7	1 31	14 44	1 3	1 25	1 14	22 47	0 31	6 14	0 36	17 9
T 10	20 30	23 42	3 42	16 59	3 17	12 40	1 30	14 28	1 2	1 21	1 14	22 47	0 31	6 14	0 36	17 9
W 11	20 18	19 54	2 53	17 5	3 26	12 12	1 28	14 12	1 2	1 17	1 14	22 46	0 31	6 15	0 36	17 10
T 12	20 5	15 18	1 57	17 14	3 32	11 44	1 27	13 55	1 1	1 12	1 13	22 46	0 31	6 15	0 36	17 10
F 13	19 51	10 5	0 55	17 24	3 36	11 15	1 25	13 39	1 1	1 8	1 13	22 46	0 31	6 16	0 36	17 11
S 14	19 38	4 28	0s10	17 35	3 38	10 47	1 24	13 22	1 1	1 3	1 13	22 45	0 31	6 16	0 36	17 11
S 15	19 24	1s25	1 16	17 48	3 37	10 18	1 22	13 5	1 0	0 59	1 13	22 45	0 31	6 17	0 36	17 12
M 16	19 9	7 21	2 20	18 0	3 34	9 49	1 20	12 48	1 0	0 54	1 13	22 45	0 31	6 17	0 35	17 12
T 17	18 54	13 2	3 18	18 13	3 29	9 19	1 18	12 31	0 59	0 50	1 12	22 44	0 31	6 18	0 35	17 13
W 18	18 39	18 28	4 7	18 26	3 22	8 50	1 16	12 14	0 59	0 45	1 12	22 44	0 31	6 19	0 35	17 13
T 19	18 24	23 5	4 45	18 39	3 14	8 20	1 14	11 57	0 58	0 40	1 12	22 43	0 31	6 19	0 35	17 14
F 20	18 8	26 32	5 7	18 52	3 5	7 50	1 12	11 40	0 58	0 36	1 12	22 43	0 30	6 20	0 35	17 14
S 21	17 52	28 22	5 10	19 4	2 55	7 19	1 9	11 22	0 57	0 31	1 12	22 43	0 30	6 21	0 35	17 15
S 22	17 35	28 15	4 53	19 16	2 45	6 49	1 7	11 5	0 57	0 26	1 12	22 42	0 30	6 21	0 35	17 15
M 23	17 19	26 3	4 15	19 27	2 34	6 18	1 5	10 47	0 56	0 21	1 11	22 42	0 30	6 22	0 35	17 16
T 24	17 1	21 58	3 20	19 37	2 22	5 47	1 2	10 29	0 56	0 16	1 11	22 42	0 30	6 23	0 35	17 16
W 25	16 44	16 25	2 10	19 47	2 11	5 17	1 0	10 11	0 55	0 12	1 11	22 41	0 30	6 24	0 35	17 17
T 26	16 26	9 58	0 52	19 56	1 59	4 46	0 57	9 54	0 55	0 7	1 11	22 41	0 30	6 24	0 35	17 17
F 27	16 8	3 8	0n28	20 4	1 47	4 14	0 54	9 36	0 54	0 2	1 11	22 40	0 30	6 25	0 35	17 18
S 28	15 50	3n40	1 43	20 11	1 35	3 43	0 52	9 18	0 54	0n 3	1 11	22 40	0 30	6 26	0 35	17 18
S 29	15 32	10 4	2 51	20 17	1 23	3 12	0 49	8 59	0 53	0 8	1 10	22 40	0 30	6 27	0 35	17 19
M 30	15 13	15 48	3 47	20 22	1 12	2 40	0 46	8 41	0 53	0 13	1 10	22 39	0 30	6 28	0 35	17 19
T 31	14s54	20n40	4n29	20s25	1n 0	2s 9	0s43	8s23	0s52	0n18	1s10	22s39	0n30	6n28	0s35	17n20

Julian Day Number = 2243365.5, Delta T = 07m04s

Ecliptic obliquity = 23°30'57", Nutation = 0°00'04", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°47'19", Lahiri = 15°54'19" Julian Calendar 1 Jan. 1430 == Greg. Calendar 10 Jan. 1430

ASTRODIENST EPHEMERIS for the year 1430

geocentric

FEBRUARY 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	9 17 50	20 ⁵² 57	27 ³⁰ 30	24 ³⁵ 35	27 ²⁹ 29	11 ²⁹ 29	3 ⁴⁰ 40	9 ⁵⁹ 59	17 ⁵¹ 51	12 ³¹ 31	5 ³¹ 31	16 ⁶ 6	17 ²² 22	24 ³⁹ 39	7 ³⁷ 37	W 1
T 2	9 21 46	21 ⁵³ 27	9 ⁴⁴ 44	25 ²⁶ 26	28 ⁴¹ 41	12 ¹⁶ 16	3 ⁵² 52	10 ⁵ 5	17 ⁵³ 53	12 ²⁹ 29	5 ³¹ 31	16 ⁵ 5	17 ¹⁸ 18	24 ⁴⁶ 46	7 ⁴¹ 41	T 2
F 3	9 25 43	22 ⁵³ 56	21 ⁴⁷ 47	26 ²⁰ 20	29 ⁵³ 53	13 ² 2	4 ⁵ 5	10 ¹¹ 11	17 ⁵⁶ 56	12 ²⁷ 27	5 ³⁰ 30	16 ² 2	17 ¹⁵ 15	24 ⁵³ 53	7 ⁴⁵ 45	F 3
S 4	9 29 39	23 ⁵⁴ 23	3 ⁴² 42	27 ¹⁸ 18	1 ⁵ 5	13 ⁴⁹ 49	4 ¹⁷ 17	10 ¹⁷ 17	17 ⁵⁸ 58	12 ²⁶ 26	5 ²⁹ 29	15 ⁵⁹ 59	17 ¹² 12	25 ⁰ 0	7 ⁴⁹ 49	S 4
S 5	9 33 36	24 ⁵⁴ 48	15 ³² 32	28 ¹⁸ 18	2 ¹⁷ 17	14 ³⁶ 36	4 ³⁰ 30	10 ²³ 23	18 ⁰ 0	12 ²⁴ 24	5 ²⁸ 28	15 ⁵⁵ 55	17 ⁹ 9	25 ⁶ 6	7 ⁵² 52	S 5
M 6	9 37 33	25 ⁵⁵ 11	27 ²³ 23	29 ²¹ 21	3 ²⁹ 29	15 ²³ 23	4 ⁴³ 43	10 ²⁸ 28	18 ³ 3	12 ²² 22	5 ²⁸ 28	15 ⁵² 52	17 ⁶ 6	25 ¹³ 13	7 ⁵⁶ 56	M 6
T 7	9 41 29	26 ⁵⁵ 32	9 ¹⁵ 15	0 ²⁶ 26	4 ⁴¹ 41	16 ⁹ 9	4 ⁵⁶ 56	10 ³⁴ 34	18 ⁵ 5	12 ²¹ 21	5 ²⁷ 27	15 ⁴⁹ 49	17 ³ 3	25 ²⁰ 20	8 ⁰ 0	T 7
W 8	9 45 26	27 ⁵⁵ 51	21 ¹¹ 11	1 ³³ 33	5 ⁵² 52	16 ⁵⁶ 56	5 ⁹ 9	10 ⁴⁰ 40	18 ⁷ 7	12 ¹⁹ 19	5 ²⁶ 26	15 ⁴⁶ 46	16 ⁵⁹ 59	25 ²⁶ 26	8 ⁴ 4	W 8
T 9	9 49 22	28 ⁵⁶ 09	3 ¹¹ 11	2 ⁴² 42	7 ⁴ 4	17 ⁴² 42	5 ²² 22	10 ⁴⁵ 45	18 ¹⁰ 10	12 ¹⁷ 17	5 ²⁵ 25	15 ⁴⁵ 45	16 ⁵⁶ 56	25 ³³ 33	8 ⁷ 7	T 9
F 10	9 53 19	29 ⁵⁶ 24	15 ²² 22	3 ⁵⁴ 54	8 ¹⁵ 15	18 ²⁹ 29	5 ³⁵ 35	10 ⁵⁰ 50	18 ¹² 12	12 ¹⁶ 16	5 ²⁵ 25	15 ⁴⁴ 44	16 ⁵³ 53	25 ⁴⁰ 40	8 ¹¹ 11	F 10
S 11	9 57 15	0 ⁵⁶ 38	27 ⁴¹ 41	5 ⁷ 7	9 ²⁷ 27	19 ¹⁵ 15	5 ⁴⁸ 48	10 ⁵⁶ 56	18 ¹⁵ 15	12 ¹⁴ 14	5 ²⁴ 24	15 ⁴⁵ 45	16 ⁵⁰ 50	25 ⁴⁶ 46	8 ¹⁵ 15	S 11
S 12	10 1 12	1 ⁵⁶ 51	10 ¹¹ 11	6 ²² 22	10 ³⁸ 38	20 ² 2	6 ¹ 1	11 ¹ 1	18 ¹⁸ 18	12 ¹³ 13	5 ²³ 23	15 ⁴⁶ 46	16 ⁴⁷ 47	25 ⁵³ 53	8 ¹⁹ 19	S 12
M13	10 5 8	2 ⁵⁷ 01	22 ⁵⁴ 54	7 ³⁹ 39	11 ⁴⁹ 49	20 ⁴⁸ 48	6 ¹⁴ 14	11 ⁶ 6	18 ²⁰ 20	12 ¹¹ 11	5 ²³ 23	15 ⁴⁷ 47	16 ⁴³ 43	26 ⁰ 0	8 ²³ 23	M13
T 14	10 9 5	3 ⁵⁷ 11	5 ¹¹ 11	8 ⁵⁷ 57	13 ⁰ 0	21 ³⁵ 35	6 ²⁷ 27	11 ¹² 12	18 ²³ 23	12 ¹⁰ 10	5 ²² 22	15 ⁴⁸ 48	16 ⁴⁰ 40	26 ⁷ 7	8 ²⁶ 26	T 14
W15	10 13 1	4 ⁵⁷ 18	19 ⁶ 6	10 ¹⁷ 17	14 ¹¹ 11	22 ²¹ 21	6 ⁴¹ 41	11 ¹⁷ 17	18 ²⁶ 26	12 ⁸ 8	5 ²² 22	15 ⁴⁹ 49	16 ³⁷ 37	26 ¹³ 13	8 ³⁰ 30	W15
T 16	10 16 58	5 ⁵⁷ 24	2 ³⁹ 39	11 ³⁸ 38	15 ²² 22	23 ⁷ 7	6 ⁵⁴ 54	11 ²² 22	18 ²⁸ 28	12 ⁶ 6	5 ²¹ 21	15 ⁴⁹ 49	16 ³⁴ 34	26 ²⁰ 20	8 ³⁴ 34	T 16
F 17	10 20 55	6 ⁵⁷ 29	16 ³² 32	13 ¹ 1	16 ³³ 33	23 ⁵³ 53	7 ⁸ 8	11 ²⁷ 27	18 ³¹ 31	12 ⁵ 5	5 ²¹ 21	15 ⁴⁹ 49	16 ³¹ 31	26 ²⁷ 27	8 ³⁸ 38	F 17
S 18	10 24 51	7 ⁵⁷ 32	0 ³⁴ 34	14 ²⁵ 25	17 ⁴³ 43	24 ⁴⁰ 40	7 ²¹ 21	11 ³² 32	18 ³⁴ 34	12 ³ 3	5 ²⁰ 20	15 ⁴⁹ 49	16 ²⁸ 28	26 ³³ 33	8 ⁴² 42	S 18
S 19	10 28 48	8 ⁵⁷ 33	15 ¹⁴ 14	15 ⁵¹ 51	18 ⁵⁴ 54	25 ²⁶ 26	7 ³⁵ 35	11 ³⁷ 37	18 ³⁷ 37	12 ² 2	5 ²⁰ 20	15 ⁴⁸ 48	16 ²⁴ 24	26 ⁴⁰ 40	8 ⁴⁶ 46	S 19
M20	10 32 44	9 ⁵⁷ 33	29 ⁵⁷ 57	17 ¹⁸ 18	20 ⁴ 4	26 ¹² 12	7 ⁴⁸ 48	11 ⁴¹ 41	18 ³⁹ 39	12 ¹ 1	5 ¹⁹ 19	15 ⁴⁷ 47	16 ²¹ 21	26 ⁴⁷ 47	8 ⁴⁹ 49	M20
T 21	10 36 41	10 ⁵⁷ 31	14 ⁴⁹ 49	18 ⁴⁶ 46	21 ¹⁵ 15	26 ⁵⁸ 58	8 ² 2	11 ⁴⁶ 46	18 ⁴² 42	11 ⁵⁹ 59	5 ¹⁹ 19	15 ⁴⁷ 47	16 ¹⁸ 18	26 ⁵³ 53	8 ⁵³ 53	T 21
W22	10 40 37	11 ⁵⁷ 27	29 ⁴⁰ 40	20 ¹⁵ 15	22 ²⁵ 25	27 ⁴⁴ 44	8 ¹⁶ 16	11 ⁵¹ 51	18 ⁴⁵ 45	11 ⁵⁸ 58	5 ¹⁸ 18	15 ⁴⁶ 46	16 ¹⁵ 15	27 ⁰ 0	8 ⁵⁷ 57	W22
T 23	10 44 34	12 ⁵⁷ 21	14 ³⁵ 35	21 ⁴⁶ 46	23 ³⁵ 35	28 ³⁰ 30	8 ²⁹ 29	11 ⁵⁵ 55	18 ⁴⁸ 48	11 ⁵⁶ 56	5 ¹⁸ 18	15 ⁴⁶ 46	16 ¹² 12	27 ⁷ 7	9 ¹ 1	T 23
F 24	10 48 31	13 ⁵⁷ 13	28 ⁵⁵ 55	23 ¹⁸ 18	24 ⁴⁵ 45	29 ¹⁶ 16	8 ⁴³ 43	12 ⁰ 0	18 ⁵¹ 51	11 ⁵⁵ 55	5 ¹⁸ 18	15 ⁴⁶ 46	16 ⁸ 8	27 ¹³ 13	9 ⁵ 5	F 24
S 25	10 52 27	14 ⁵⁷ 03	13 ⁵ 5	24 ⁵¹ 51	25 ⁵⁴ 54	0 ¹⁹ 19	8 ⁵⁷ 57	12 ⁴ 4	18 ⁵⁴ 54	11 ⁵⁴ 54	5 ¹⁷ 17	15 ⁴⁶ 46	16 ⁵ 5	27 ²⁰ 20	9 ⁹ 9	S 25
S 26	10 56 24	15 ⁵⁶ 51	26 ⁵² 52	26 ²⁶ 26	27 ⁴ 4	0 ⁴⁸ 48	9 ¹¹ 11	12 ⁹ 9	18 ⁵⁷ 57	11 ⁵² 52	5 ¹⁷ 17	15 ⁴⁶ 46	16 ² 2	27 ²⁷ 27	9 ¹² 12	S 26
M27	11 0 20	16 ⁵⁶ 37	10 ¹³ 13	28 ¹ 1	28 ¹³ 13	1 ³⁴ 34	9 ²⁵ 25	12 ¹³ 13	19 ⁰ 0	11 ⁵¹ 51	5 ¹⁷ 17	15 ⁴⁶ 46	15 ⁵⁹ 59	27 ³³ 33	9 ¹⁶ 16	M27
T 28	11 4 17	17 ⁵⁶ 20	23 ¹¹ 11	29 ³⁸ 38	29 ²³ 23	2 ⁴⁰ 40	9 ³⁹ 39	12 ¹⁷ 17	19 ³ 3	11 ⁵⁰ 50	5 ¹⁶ 16	15 ⁴⁶ 46	15 ⁵⁶ 56	27 ⁴⁰ 40	9 ²⁰ 20	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
W 1	14s35	24n30	4n58	20s28	0n49	1s37	0s40	8s 5	0s52	0n23	1s10	22s38	0n30	6n29	0s35	17n20	0n14	21n29	1s56	5s30	5s 1	25n17	4s18	4n47			
T 2	14 15	27 8	5 12	20 30	0 38	1 6	0 37	7 46	0 51	0 29	1 10	22 38	0 30	6 30	0 35	17 21	0 14	21 29	1 55	5 31	5 2	25 16	4 17	4 47			
F 3	13 56	28 28	5 13	20 30	0 27	0 34	0 34	7 28	0 51	0 34	1 10	22 38	0 30	6 31	0 35	17 21	0 14	21 29	1 55	5 32	5 3	25 14	4 16	4 46			
S 4	13 36	28 27	4 59	20 30	0 17	0 2	0 31	7 9	0 50	0 39	1 9	22 37	0 30	6 32	0 35	17 21	0 14	21 29	1 55	5 33	5 4	25 12	4 14	4 46			
S 5	13 16	27 8	4 33	20 28	0 7	0n29	0 28	6 51	0 50	0 44	1 9	22 37	0 30	6 33	0 35	17 22	0 14	21 29	1 55	5 34	5 6	25 10	4 13	4 46			
M 6	12 55	24 36	3 56	20 24	0s 3	1 1	0 24	6 32	0 49	0 49	1 9	22 36	0 30	6 34	0 35	17 22	0 14	21 29	1 55	5 36	5 7	25 9	4 12	4 46			
T 7	12 35	21 1	3 8	20 20	0 13	1 33	0 21	6 13	0 48	0 54	1 9	22 36	0 30	6 35	0 35	17 23	0 14	21 29	1 55	5 37	5 8	25 7	4 10	4 46			
W 8	12 14	16 34	2 12	20 14	0 22	2 4	0 18	5 55	0 48	1 0	1 9	22 36	0 30	6 36	0 35	17 23	0 14	21 29	1 55	5 38	5 9	25 5	4 9	4 46			
T 9	11 53	11 26	1 9	20 7	0 31	2 36	0 14	5 36	0 47	1 5	1 9	22 35	0 30	6 37	0 35	17 24	0 14	21 30	1 55	5 38	5 10	25 3	4 8	4 46			
F 10	11 32	5 49	0 2	19 59	0 40	3 7	0 11	5 17	0 47	1 10	1 9	22 35	0 30	6 38	0 35	17 24	0 14	21 30	1 55	5 38	5 12	25 1	4 6	4 46			
S 11	11 10	0s 5	1s 6	19 49	0 48	3 39	0 7	4 58	0 46	1 16	1 9	22 34	0 30	6 39	0 35	17 25	0 14	21 30	1 55	5 38	5 13	25 0	4 5	4 46			
S 12	10 49	6 3	2 11	19 38	0 56	4 10	0 4	4 40	0 46	1 21	1 8	22 34	0 30	6 40	0 35	17 25	0 14	21 30	1 55	5 38	5 14	24 58	4 4	4 46			
M13	10 27	11 53	3 12	19 26	1 3	4 41	0n 0	4 21	0 45	1 26	1 8	22 34	0 29	6 41	0 35	17 26	0 14	21 30	1 54	5 37	5 15	24 56	4 2	4 45			
T 14	10 5	17 20	4 3	19 13	1 11	5 12	0 4	4 2	0 45	1 32	1 8	22 33	0 29	6 42	0 35	17 26	0 14	21 30	1 54	5 37	5 17	24 54	4 1	4 45			
W15	9 43	22 5	4 43	18 58	1 17	5 44	0 7	3 43	0 44	1 37	1 8	22 33	0 29	6 43	0 35	17 27	0 14	21 30	1 54	5 37	5 18	24 52	4 0	4 45			
T 16	9 21	25 48	5 9	18 41	1 24	6 14	0 11	3 24	0 43	1 43	1 8	22 32	0 29	6 44	0 35	17 27	0 14	21 30	1 54	5 37	5 19	24 50	3 58	4 45			
F 17	8 59	28 5	5 17	18 24	1 30	6 45	0 15	3 5	0 43	1 48	1 8	22 32	0 29	6 45	0 35	17 27	0 14	21 31	1 54	5 37	5 20	24 48	3 57	4 45			
S 18	8 37	28 37	5 6	18 5	1 36	7 16	0 19	2 46	0 42	1 53	1 8	22 32	0 29	6 46	0 34	17 28	0 14	21 31	1 54	5 37	5 22	24 47	3 56	4 45			
S 19	8 14	27 13	4 36	17 45	1 41	7 46	0 23	2 27	0 42	1 59	1 8	22 31	0 29	6 47	0 34	17 28	0 14	21 31	1 54	5 37	5 23	24 45	3 54	4 45			
M20	7 52	23 56	3 48	17 23	1 46	8 17	0 26	2 9	0 41	2 4	1 8	22 31	0 29	6 48	0 34	17 29	0 14	21 31	1 54	5 37	5 24	24 43	3 53	4 45			
T 21	7 29	19 3	2 44	17 0	1 51	8 47	0 30	1 50	0 40	2 10	1 7	22 30	0 29	6 49	0 34	17 29	0 14	21 31	1 54	5 38	5 25	24 41	3 52	4 45			
W22	7 6	13 0	1 28	16 36	1 55	9 17	0 34	1 31	0 40	2 15	1 7	22 30	0 29	6 50	0 34	17 29	0 14	21 31	1 54	5 38	5 27	24 39	3 50	4 45			
T 23	6 43	6 16	0 8	16 10	1 59	9 46	0 38	1 12	0 39	2 21	1 7	22 30	0 29	6 52	0 34	17 30	0 14	21 31	1 53	5 38	5 28	24 37	3 49	4 45			
F 24	6 20	0n41	1n12	15 43	2 2	10 16	0 42	0 53	0 39	2 26	1 7	22 29	0 29	6 53	0 34	17 30	0 14	21 31	1 53	5 38	5 29	24 35	3 47	4 45			
S 25	5 57	7 25	2 26	15 15	2 5	10 45	0 46	0 34	0 38	2 32	1 7	22 29	0 29	6 54	0 34	17 31	0 14	21 31	1 53	5 38	5 30	24 33	3 46	4 45			
S 26	5 34	13 38	3 29	14 45	2 8	11 14	0 50	0 15	0 37	2 38	1 7	22 29	0 29	6 55	0 34	17 31	0 15	21 32	1 53	5 38	5 32	24 31	3 45	4 45			
M27	5 10	19 1	4 18	14 14	2 10	11 43	0 54	0n 4	0 37	2 43	1 7	22 28	0 29	6 56	0 34	17 31	0 15	21 32	1 53	5 38	5 33	24 30	3 43	4 45			
T 28	4s47	23n21	4n53	13s42	2s12	12n12	0n58	0n23	0s36	2n49	1s 7	22s28	0n29	6n57	0s34	17n32	0n15	21n32	1s53	5s38	5s34	24n28	3s42	4n45			

ASTRODIENST EPHEMERIS for the year 1430

geocentric

MARCH 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	11 8 13	18°56'01	5°46	1°16	0°32	3°6	9°53	12°21	19°6	11°R48	5°R16	15°R46	15°53	27°47	9°24	W 1
T 2	11 12 10	19°55'40	18° 4	2°55	1°41	3°52	10° 7	12°25	19° 9	11°R47	5°R16	15°D46	15°49	27°54	9°28	T 2
F 3	11 16 6	20°55'17	0°58	4°36	2°50	4°37	10°21	12°29	19°12	11°46	5°16	15°46	15°46	28° 0	9°31	F 3
S 4	11 20 3	21°54'52	12° 3	6°18	3°59	5°23	10°35	12°33	19°16	11°45	5°16	15°46	15°43	28° 7	9°35	S 4
S 5	11 23 59	22°54'24	23°53	8° 1	5° 7	6° 9	10°49	12°37	19°19	11°43	5°15	15°47	15°40	28°14	9°39	S 5
M 6	11 27 56	23°53'53	5°44	9°45	6°15	6°54	11° 3	12°41	19°22	11°42	5°15	15°48	15°37	28°20	9°43	M 6
T 7	11 31 53	24°53'21	17°38	11°31	7°24	7°40	11°17	12°44	19°25	11°41	5°15	15°49	15°34	28°27	9°46	T 7
W 8	11 35 49	25°52'46	29°39	13°18	8°32	8°25	11°31	12°48	19°28	11°40	5°15	15°49	15°30	28°34	9°50	W 8
T 9	11 39 46	26°52'09	11°51	15° 6	9°39	9°11	11°46	12°51	19°32	11°39	5°15	15°R50	15°27	28°40	9°54	T 9
F 10	11 43 42	27°51'30	24°14	16°55	10°47	9°56	12° 0	12°55	19°35	11°38	5°15	15°50	15°24	28°47	9°57	F 10
S 11	11 47 39	28°50'48	6°50	18°46	11°55	10°42	12°14	12°58	19°38	11°37	5°D15	15°49	15°21	28°54	10° 1	S 11
S 12	11 51 35	29°50'05	19°40	20°39	13° 2	11°27	12°28	13° 1	19°41	11°36	5°15	15°47	15°18	29° 0	10° 5	S 12
M13	11 55 32	0°Y49'20	2°M44	22°32	14° 9	12°12	12°43	13° 4	19°45	11°35	5°15	15°46	15°14	29° 7	10° 8	M13
T 14	11 59 28	1°48'33	16° 2	24°27	15°16	12°57	12°57	13° 7	19°48	11°34	5°15	15°43	15°11	29°14	10°12	T 14
W15	12 3 25	2°47'44	29°34	26°23	16°22	13°42	13°11	13°10	19°51	11°33	5°15	15°41	15° 8	29°20	10°16	W15
T 16	12 7 22	3°46'53	13°17	28°21	17°29	14°28	13°26	13°13	19°55	11°32	5°15	15°39	15° 5	29°27	10°19	T 16
F 17	12 11 18	4°46'01	27°12	0°Y20	18°35	15°13	13°40	13°16	19°58	11°31	5°16	15°38	15° 2	29°34	10°23	F 17
S 18	12 15 15	5°45'07	11°38	2°20	19°41	15°58	13°54	13°19	20° 1	11°30	5°16	15°D38	14°59	29°41	10°26	S 18
S 19	12 19 11	6°44'11	25°32	4°21	20°47	16°43	14° 9	13°21	20° 5	11°29	5°16	15°39	14°55	29°47	10°30	S 19
M20	12 23 8	7°43'13	9°53	6°23	21°53	17°28	14°23	13°24	20° 8	11°29	5°16	15°40	14°52	29°54	10°33	M20
T 21	12 27 4	8°42'13	24°17	8°26	22°58	18°13	14°37	13°26	20°11	11°28	5°16	15°42	14°49	0° 1	10°37	T 21
W22	12 31 1	9°41'12	8°42	10°30	24° 3	18°57	14°52	13°28	20°15	11°27	5°17	15°R43	14°46	0° 7	10°40	W22
T 23	12 34 57	10°40'08	23° 1	12°35	25° 8	19°42	15° 6	13°31	20°18	11°26	5°17	15°43	14°43	0°14	10°44	T 23
F 24	12 38 54	11°39'03	7°Y12	14°41	26°12	20°27	15°21	13°33	20°22	11°26	5°17	15°41	14°40	0°21	10°47	F 24
S 25	12 42 51	12°37'55	21° 8	16°46	27°17	21°12	15°35	13°35	20°25	11°25	5°18	15°39	14°36	0°27	10°50	S 25
S 26	12 46 47	13°36'46	4°847	18°52	28°21	21°56	15°50	13°37	20°28	11°24	5°18	15°35	14°33	0°34	10°54	S 26
M27	12 50 44	14°35'35	18° 5	20°58	29°25	22°41	16° 4	13°39	20°32	11°24	5°18	15°30	14°30	0°41	10°57	M27
T 28	12 54 40	15°34'21	1°II 3	23° 3	0°II28	23°25	16°18	13°40	20°35	11°23	5°19	15°26	14°27	0°47	11° 0	T 28
W29	12 58 37	16°33'05	13°40	25° 8	1°32	24°10	16°33	13°42	20°39	11°23	5°19	15°21	14°24	0°54	11° 4	W29
T 30	13 2 33	17°31'47	26° 0	27°11	2°34	24°54	16°47	13°44	20°42	11°22	5°20	15°18	14°20	1° 1	11° 7	T 30
F 31	13 6 30	18°Y30'27	8°56	29°Y13	3°II37	25°Y39	17°Y 2	13°345	20°Y46	11°R22	5°R20	15°R16	14°R17	1°R 7	11°R10	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	4s24	26n28	5n13	13s 8	2s13	12n40	1n 2	0n41	0s36	2n54	1s 7	22s28	0n29	6n59	0s34	17n32
T 2	4 0	28 14	5 17	12 33	2 14	13 8	1 6	1 0	0 35	3 0	1 7	22 27	0 29	7 0	0 34	17 32
F 3	3 37	28 38	5 7	11 57	2 15	13 36	1 10	1 19	0 34	3 5	1 7	22 27	0 29	7 1	0 34	17 33
S 4	3 13	27 42	4 45	11 19	2 15	14 3	1 14	1 38	0 34	3 11	1 6	22 27	0 29	7 2	0 34	17 33
S 5	2 49	25 30	4 10	10 40	2 14	14 30	1 18	1 56	0 33	3 17	1 6	22 26	0 29	7 3	0 34	17 34
M 6	2 26	22 12	3 24	10 0	2 13	14 57	1 22	2 15	0 33	3 22	1 6	22 26	0 29	7 5	0 34	17 34
T 7	2 2	17 59	2 30	9 18	2 12	15 23	1 27	2 34	0 32	3 28	1 6	22 26	0 29	7 6	0 34	17 34
W 8	1 39	13 1	1 28	8 35	2 10	15 49	1 31	2 52	0 31	3 33	1 6	22 25	0 29	7 7	0 34	17 34
T 9	1 15	7 29	0 22	7 51	2 8	16 15	1 35	3 11	0 31	3 39	1 6	22 25	0 29	7 8	0 34	17 35
F 10	0 51	1 35	0s46	7 6	2 5	16 40	1 39	3 29	0 30	3 45	1 6	22 25	0 29	7 10	0 34	17 35
S 11	0 28	4s28	1 54	6 19	2 1	17 5	1 43	3 48	0 29	3 50	1 6	22 24	0 29	7 11	0 34	17 35
S 12	0 4	10 26	2 56	5 31	1 58	17 30	1 47	4 6	0 29	3 56	1 6	22 24	0 29	7 12	0 34	17 36
M13	0n20	16 5	3 51	4 42	1 53	17 54	1 51	4 24	0 28	4 2	1 6	22 24	0 29	7 13	0 34	17 36
T 14	0 43	21 4	4 34	3 52	1 48	18 17	1 55	4 43	0 28	4 7	1 6	22 24	0 29	7 15	0 34	17 36
W15	1 7	25 3	5 3	3 1	1 43	18 41	1 58	5 1	0 27	4 13	1 6	22 23	0 29	7 16	0 34	17 37
T 16	1 30	27 41	5 15	2 8	1 37	19 4	2 2	5 19	0 26	4 18	1 6	22 23	0 28	7 17	0 34	17 37
F 17	1 54	28 38	5 9	1 15	1 30	19 26	2 6	5 37	0 26	4 24	1 6	22 23	0 28	7 18	0 34	17 37
S 18	2 17	27 45	4 44	0 21	1 23	19 48	2 10	5 55	0 25	4 30	1 6	22 23	0 28	7 20	0 34	17 37
S 19	2 41	25 4	4 2	0n34	1 16	20 9	2 14	6 13	0 24	4 35	1 6	22 22	0 28	7 21	0 34	17 37
M20	3 4	20 48	3 5	1 30	1 8	20 30	2 18	6 31	0 24	4 41	1 5	22 22	0 28	7 22	0 34	17 38
T 21	3 28	15 17	1 55	2 27	0 59	20 51	2 21	6 48	0 23	4 47	1 5	22 22	0 28	7 24	0 34	17 38
W22	3 51	8 56	0 39	3 24	0 50	21 11	2 25	7 6	0 22	4 52	1 5	22 22	0 28	7 25	0 34	17 38
T 23	4 14	2 10	0n40	4 22	0 41	21 31	2 29	7 24	0 22	4 58	1 5	22 22	0 28	7 26	0 34	17 38
F 24	4 37	4n38	1 55	5 20	0 31	21 50	2 32	7 41	0 21	5 3	1 5	22 21	0 28	7 27	0 34	17 39
S 25	5 0	11 5	3 2	6 17	0 21	22 8	2 36	7 59	0 21	5 9	1 5	22 21	0 28	7 29	0 34	17 39
S 26	5 23	16 52	3 57	7 15	0 10	22 27	2 39	8 16	0 20	5 15	1 5	22 21	0 28	7 30	0 34	17 39
M27	5 46	21 43	4 38	8 13	0n 0	22 44	2 43	8 33	0 19	5 20	1 5	22 21	0 28	7 31	0 34	17 39
T 28	6 9	25 22	5 3	9 10	0 11	23 1	2 46	8 50	0 19	5 26	1 5	22 21	0 28	7 33	0 34	17 39
W29	6 32	27 41	5 12	10 6	0 22	23 18	2 49	9 7	0 18	5 31	1 5	22 21	0 28	7 34	0 34	17 39
T 30	6 54	28 34	5 7	11 2	0 34	23 34	2 52	9 24	0 17	5 37	1 5	22 20	0 28	7 35	0 34	17 39
F 31	7n17	28n 4	4n48	11n56	0n45	23n49	2n56	9n41	0s17	5n42	1 s 5	22s20	0n28	7n37	0s34	17n40

Julian Day Number = 2243424.5, Delta T = 07m04s

Ecliptic obliquity = 23°30'57", Nutation = 0°00'05", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°47'27", Lahiri = 15°54'27" Julian Calendar 1 March 1430 == Greg. Calendar 10 March 1430

ASTRODIENST EPHEMERIS for the year 1430
geocentric

APRIL 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 10 26	19°29'05	20°2 2	18°14	4°II39	26°23	17°16	13°347	20°49	11°R21	5°21	15°D15	14°K14	1°L14	11°K13	S 1
S 2	13 14 23	20°27'40	18°53	3°12	5°41	27° 7	17°31	13°48	20°53	11°L21	5°21	15°K16	14°11	1°21	11°17	S 2
M 3	13 18 20	21°26'13	13°44	5° 8	6°43	27°52	17°45	13°49	20°56	11°21	5°22	15°17	14° 8	1°27	11°20	M 3
T 4	13 22 16	22°24'44	25°40	7° 2	7°44	28°36	17°59	13°50	20°59	11°20	5°22	15°19	14° 5	1°34	11°23	T 4
W 5	13 26 13	23°23'12	7°45	8°52	8°45	29°20	18°14	13°51	21° 3	11°20	5°23	15°20	14° 1	1°41	11°26	W 5
T 6	13 30 9	24°21'39	20° 3	10°39	9°46	0°8 4	18°28	13°52	21° 6	11°20	5°23	15°R21	13°58	1°47	11°29	T 6
F 7	13 34 6	25°20'03	2°38	12°23	10°46	0°48	18°42	13°53	21°10	11°20	5°24	15°19	13°55	1°54	11°32	F 7
S 8	13 38 2	26°18'26	15°32	14° 2	11°46	1°32	18°57	13°53	21°13	11°19	5°25	15°16	13°52	2° 1	11°35	S 8
S 9	13 41 59	27°16'46	28°43	15°39	12°45	2°16	19°11	13°54	21°17	11°19	5°25	15°11	13°49	2° 8	11°38	S 9
M10	13 45 55	28°15'05	12°12	17°11	13°44	3° 0	19°25	13°55	21°20	11°19	5°26	15° 4	13°45	2°14	11°41	M10
T 11	13 49 52	29°13'22	25°57	18°39	14°42	3°44	19°40	13°55	21°24	11°19	5°27	14°57	13°42	2°21	11°43	T 11
W12	13 53 49	0°8'11'37	9°53	20° 2	15°40	4°27	19°54	13°55	21°27	11°19	5°27	14°50	13°39	2°28	11°46	W12
T 13	13 57 45	1° 9'51	23°58	21°21	16°38	5°11	20° 8	13°56	21°30	11°D19	5°28	14°44	13°36	2°34	11°49	T 13
F 14	14 1 42	2° 8'04	8°3	22°36	17°35	5°55	20°23	13°56	21°34	11°19	5°29	14°40	13°33	2°41	11°52	F 14
S 15	14 5 38	3° 6'14	22°18	23°46	18°32	6°38	20°37	13°R56	21°37	11°19	5°30	14°37	13°30	2°48	11°55	S 15
S 16	14 9 35	4° 4'24	6°29	24°52	19°28	7°22	20°51	13°56	21°41	11°19	5°31	14°D37	13°26	2°54	11°57	S 16
M17	14 13 31	5° 2'32	20°37	25°53	20°24	8° 6	21° 5	13°55	21°44	11°19	5°31	14°38	13°23	3° 1	12° 0	M17
T 18	14 17 28	6° 0'38	4°41	26°49	21°19	8°49	21°19	13°55	21°47	11°19	5°32	14°39	13°20	3° 8	12° 2	T 18
W19	14 21 24	6°58'43	18°40	27°40	22°13	9°32	21°34	13°55	21°51	11°19	5°33	14°R39	13°17	3°14	12° 5	W19
T 20	14 25 21	7°56'46	2°33	28°27	23° 7	10°16	21°48	13°54	21°54	11°20	5°34	14°37	13°14	3°21	12° 7	T 20
F 21	14 29 18	8°54'48	16°18	29° 8	24° 0	10°59	22° 2	13°54	21°57	11°20	5°35	14°34	13°11	3°28	12°10	F 21
S 22	14 33 14	9°52'49	29°51	29°45	24°53	11°42	22°16	13°53	22° 1	11°20	5°36	14°28	13° 7	3°34	12°12	S 22
S 23	14 37 11	10°50'48	13°12	0°II16	25°45	12°26	22°30	13°52	22° 4	11°20	5°37	14°19	13° 4	3°41	12°15	S 23
M24	14 41 7	11°48'45	26°17	0°42	26°37	13° 9	22°44	13°51	22° 7	11°21	5°38	14° 9	13° 1	3°48	12°17	M24
T 25	14 45 4	12°46'41	9°II 6	1° 3	27°27	13°52	22°58	13°50	22°11	11°21	5°39	13°59	12°58	3°54	12°19	T 25
W26	14 49 0	13°44'35	21°38	1°20	28°18	14°35	23°12	13°49	22°14	11°21	5°40	13°49	12°55	4° 1	12°22	W26
T 27	14 52 57	14°42'28	3°55	1°31	29° 7	15°18	23°26	13°48	22°17	11°22	5°41	13°41	12°51	4° 8	12°24	T 27
F 28	14 56 53	15°40'18	16° 0	1°37	29°55	16° 1	23°40	13°47	22°20	11°22	5°42	13°34	12°48	4°14	12°26	F 28
S 29	15 0 50	16°38'07	27°55	1°R38	0°543	16°44	23°53	13°46	22°24	11°23	5°43	13°30	12°45	4°21	12°28	S 29
S 30	15 4 47	17°35'55	9°L45	1°II34	1°530	17°27	24° 7	13°344	22°27	11°L23	5°44	13°K29	12°K42	4°L28	12°K30	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	7n39	26n15	4n17	12n49	0n56	24n 4	2n59	9n58	0s16	5n48	1 s 5	22s20	0n28	7n38	0s34	17n40	0n15	21n35	1s50	5s50	6s13	23n22	2s58	4n46			
S 2	8 1	23 18	3 35	13 40	1 7	24 18	3 2	10 15	0 15	5 54	1 5	22 20	0 28	7 39	0 34	17 40	0 15	21 35	1 49	5 49	6 15	23 20	2 57	4 46			
M 3	8 23	19 22	2 44	14 29	1 17	24 32	3 4	10 31	0 15	5 59	1 5	22 20	0 28	7 40	0 34	17 40	0 15	21 35	1 49	5 49	6 16	23 18	2 55	4 46			
T 4	8 45	14 39	1 45	15 17	1 27	24 45	3 7	10 47	0 14	6 5	1 5	22 20	0 28	7 42	0 34	17 40	0 15	21 35	1 49	5 48	6 17	23 16	2 54	4 47			
W 5	9 7	9 20	0 41	16 2	1 37	24 58	3 10	11 4	0 13	6 10	1 5	22 20	0 28	7 43	0 34	17 40	0 15	21 35	1 49	5 48	6 18	23 14	2 53	4 47			
T 6	9 28	3 33	0s26	16 45	1 47	25 10	3 13	11 20	0 13	6 16	1 5	22 20	0 28	7 44	0 34	17 40	0 15	21 35	1 49	5 48	6 20	23 12	2 52	4 47			
F 7	9 50	2s28	1 33	17 26	1 55	25 21	3 15	11 36	0 12	6 21	1 5	22 20	0 28	7 46	0 34	17 40	0 15	21 35	1 49	5 48	6 21	23 10	2 50	4 47			
S 8	10 11	8 32	2 36	18 4	2 3	25 32	3 18	11 52	0 12	6 26	1 5	22 20	0 28	7 47	0 34	17 40	0 15	21 36	1 49	5 50	6 22	23 7	2 49	4 47			
S 9	10 32	14 22	3 33	18 40	2 11	25 42	3 20	12 8	0 11	6 32	1 5	22 20	0 28	7 48	0 34	17 40	0 15	21 36	1 49	5 52	6 23	23 5	2 48	4 47			
M10	10 53	19 39	4 19	19 13	2 18	25 52	3 22	12 23	0 10	6 37	1 5	22 20	0 28	7 49	0 34	17 40	0 15	21 36	1 49	5 54	6 24	23 3	2 47	4 47			
T 11	11 14	24 1	4 52	19 44	2 24	26 1	3 24	12 39	0 10	6 43	1 5	22 20	0 28	7 51	0 34	17 40	0 15	21 36	1 49	5 57	6 26	23 1	2 45	4 48			
W12	11 35	27 4	5 7	20 12	2 29	26 10	3 26	12 54	0 9	6 48	1 5	22 20	0 28	7 52	0 34	17 40	0 15	21 36	1 48	6 0	6 27	22 59	2 44	4 48			
T 13	11 55	28 26	5 4	20 37	2 33	26 18	3 28	13 10	0 8	6 54	1 5	22 20	0 28	7 53	0 34	17 40	0 15	21 36	1 48	6 2	6 28	22 56	2 43	4 48			
F 14	12 15	27 58	4 43	21 0	2 37	26 25	3 30	13 25	0 8	6 59	1 5	22 20	0 28	7 55	0 34	17 40	0 15	21 36	1 48	6 4	6 29	22 54	2 42	4 48			
S 15	12 35	25 41	4 4	21 21	2 39	26 32	3 31	13 40	0 7	7 4	1 5	22 20	0 28	7 56	0 34	17 40	0 15	21 36	1 48	6 4	6 31	22 52	2 41	4 48			
S 16	12 55	21 47	3 11	21 38	2 41	26 38	3 33	13 55	0 6	7 10	1 5	22 20	0 27	7 57	0 34	17 40	0 15	21 36	1 48	6 5	6 32	22 50	2 39	4 48			
M17	13 15	16 39	2 6	21 54	2 41	26 44	3 34	14 10	0 6	7 15	1 5	22 20	0 27	7 58	0 34	17 40	0 15	21 36	1 48	6 4	6 33	22 48	2 38	4 48			
T 18	13 34	10 39	0 53	22 7	2 41	26 49	3 36	14 24	0 5	7 20	1 5	22 20	0 27	8 0	0 34	17 40	0 15	21 36	1 48	6 4	6 34	22 45	2 37	4 49			
W19	13 53	4 10	0n22	22 17	2 39	26 53	3 37	14 39	0 4	7 26	1 5	22 20	0 27	8 1	0 34	17 40	0 15	21 36	1 48	6 4	6 35	22 43	2 36	4 49			
T 20	14 12	2n28	1 35	22 25	2 37	26 57	3 38	14 53	0 4	7 31	1 5	22 20	0 27	8 2	0 34	17 40	0 15	21 36	1 48	6 4	6 37	22 41	2 35	4 49			
F 21	14 31	8 54	2 41	22 31	2 33	27 1	3 38	15 7	0 3	7 36	1 5	22 20	0 27	8 3	0 34	17 40	0 15	21 36	1 48	6 6	6 38	22 39	2 34	4 49			
S 22	14 49	14 51	3 38	22 34	2 28	27 4	3 39	15 21	0 3	7 41	1 5	22 20	0 27	8 5	0 34	17 40	0 15	21 36	1 48	6 8	6 39	22 36	2 33	4 49			
S 23	15 8	20 0	4 21	22 36	2 23	27 6	3 39	15 35	0 2	7 46	1 5	22 20	0 27	8 6	0 34	17 40	0 15	21 36	1 47	6 11	6 40	22 34	2 32	4 49			
M24	15 26	24 4	4 50	22 34	2 16	27 8	3 40	15 49	0 1	7 52	1 5	22 21	0 27	8 7	0 34	17 40	0 15	21 37	1 47	6 15	6 42	22 32	2 31	4 50			
T 25	15 43	26 53	5 3	22 31	2 8	27 9	3 40	16 2	0 1	7 57	1 5	22 21	0 27	8 8	0 34	17 40	0 15	21 37	1 47	6 19	6 43	22 30	2 30	4 50			
W26	16 1	28 16	5 2	22 25	1 59	27 10	3 40	16 16	0n 0	8 2	1 5	22 21	0 27	8 10	0 34	17 40	0 15	21 37	1 47	6 23	6 44	22 27	2 29	4 50			
T 27	16 18	28 13	4 46	22 18	1 48	27 10	3 39	16 29	0 1	8 7	1 5	22 21	0 27	8 11	0 34	17 40	0 15	21 37	1 47	6 26	6 45	22 25	2 28	4 50			
F 28	16 35	26 49	4 17	22 8	1 37	27 10	3 39	16 42	0 1	8 12	1 5	22 21	0 27	8 12	0 34	17 40	0 15	21 37	1 47	6 29	6 46	22 23	2 27	4 50			
S 29	16 52	24 12	3 38	21 56	1 25	27 9	3 38	16 55	0 2	8 17	1 5	22 21	0 27	8 13	0 34	17 39	0 15	21 37	1 47	6 30	6 48	22 20	2 26	4 51			
S 30	17n 8	20n35	2n50	21n43	1n12	27n 8	3n38	17n 8	0n 3	8n22	1 s 5	22s21	0n27	8n14	0s34	17n39	0n15	21n37	1s47	6s31	6s49	22n18	2s25	4n51			

ASTRODIENST EPHEMERIS for the year 1430

geocentric

MAY 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	15 8 43	18°33'40	21°12'36	1°R26	2°56'16	18°10	24°Y21	13°R43	22°Y30	11°12'24	5°54'45	13°D28	12°H39	4°12'34	12°H32	M 1
T 2	15 12 40	19°31'24	3°11'31	1°II13	3° 1	18°52	24°35	13°341	22°33	11°24	5°46	13°H29	12°36	4°41	12°34	T 2
W 3	15 16 36	20°29'06	15°38	0°57	3°46	19°35	24°48	13°40	22°36	11°25	5°47	13°R29	12°32	4°48	12°36	W 3
T 4	15 20 33	21°26'47	28° 0	0°36	4°29	20°18	25° 2	13°38	22°39	11°26	5°48	13°28	12°29	4°54	12°38	T 4
F 5	15 24 29	22°24'26	10°41	0°12	5°11	21° 0	25°16	13°36	22°42	11°26	5°50	13°25	12°26	5° 1	12°40	F 5
S 6	15 28 26	23°22'03	23°46	29°8'45	5°52	21°43	25°29	13°34	22°46	11°27	5°51	13°20	12°23	5° 8	12°41	S 6
S 7	15 32 22	24°19'40	7°11'14	29°16	6°32	22°25	25°43	13°32	22°49	11°28	5°52	13°12	12°20	5°14	12°43	S 7
M 8	15 36 19	25°17'14	21° 5	28°44	7°11	23° 8	25°56	13°30	22°52	11°29	5°53	13° 2	12°17	5°21	12°45	M 8
T 9	15 40 16	26°14'48	5°11'14	28°11	7°49	23°50	26° 9	13°28	22°55	11°29	5°54	12°51	12°13	5°28	12°46	T 9
W10	15 44 12	27°12'21	19°38	27°38	8°26	24°32	26°23	13°25	22°58	11°30	5°56	12°40	12°10	5°35	12°48	W10
T 11	15 48 9	28° 9'52	4°3' 9	27° 4	9° 1	25°15	26°36	13°23	23° 1	11°31	5°57	12°31	12° 7	5°41	12°50	T 11
F 12	15 52 5	29° 7'23	18°41	26°30	9°35	25°57	26°49	13°20	23° 4	11°32	5°58	12°24	12° 4	5°48	12°51	F 12
S 13	15 56 2	0°II 4'53	3°8 8	25°57	10° 8	26°39	27° 2	13°18	23° 7	11°33	5°59	12°19	12° 1	5°55	12°52	S 13
S 14	15 59 58	1° 2'21	17°26	25°26	10°39	27°21	27°16	13°15	23° 9	11°34	6° 1	12°17	11°57	6° 1	12°54	S 14
M15	16 3 55	1°59'49	1°33	24°57	11° 9	28° 3	27°29	13°13	23°12	11°35	6° 2	12°D17	11°54	6° 8	12°55	M15
T 16	16 7 51	2°57'17	15°29	24°30	11°38	28°45	27°42	13°10	23°15	11°36	6° 3	12°R17	11°51	6°15	12°56	T 16
W17	16 11 48	3°54'43	29°12	24° 6	12° 5	29°27	27°55	13° 7	23°18	11°37	6° 5	12°16	11°48	6°21	12°58	W17
T 18	16 15 45	4°52'09	12°Y45	23°45	12°30	0°II 9	28° 7	13° 4	23°21	11°38	6° 6	12°13	11°45	6°28	12°59	T 18
F 19	16 19 41	5°49'34	26° 6	23°28	12°53	0°51	28°20	13° 1	23°24	11°39	6° 7	12° 8	11°42	6°35	13° 0	F 19
S 20	16 23 38	6°46'59	9°8'17	23°15	13°15	1°33	28°33	12°58	23°26	11°40	6° 9	12° 0	11°38	6°41	13° 1	S 20
S 21	16 27 34	7°44'22	22°16	23° 6	13°35	2°15	28°46	12°55	23°29	11°41	6°10	11°49	11°35	6°48	13° 2	S 21
M22	16 31 31	8°41'45	5°II 2	23° 1	13°53	2°57	28°58	12°52	23°32	11°43	6°11	11°37	11°32	6°55	13° 3	M22
T 23	16 35 27	9°39'07	17°37	23°D 1	14°10	3°38	29°11	12°48	23°34	11°44	6°13	11°23	11°29	7° 1	13° 4	T 23
W24	16 39 24	10°36'29	29°58	23° 5	14°24	4°20	29°24	12°45	23°37	11°45	6°14	11°11	11°26	7° 8	13° 5	W24
T 25	16 43 20	11°33'49	12°58 8	23°13	14°36	5° 2	29°36	12°42	23°39	11°46	6°16	10°59	11°23	7°15	13° 5	T 25
F 26	16 47 17	12°31'09	24° 8	23°26	14°47	5°43	29°48	12°38	23°42	11°48	6°17	10°50	11°19	7°21	13° 6	F 26
S 27	16 51 14	13°28'28	6°12 0	23°44	14°55	6°25	0°8 1	12°35	23°44	11°49	6°18	10°44	11°16	7°28	13° 7	S 27
S 28	16 55 10	14°25'46	17°48	24° 6	15° 1	7° 6	0°13	12°31	23°47	11°50	6°20	10°40	11°13	7°35	13° 7	S 28
M29	16 59 7	15°23'03	29°37	24°33	15° 4	7°48	0°25	12°27	23°49	11°52	6°21	10°39	11°10	7°41	13° 8	M29
T 30	17 3 3	16°20'19	11°11'32	25° 4	15°R 6	8°29	0°37	12°24	23°52	11°53	6°23	10°39	11° 7	7°48	13° 8	T 30
W31	17 7 0	17°11'34	23°11'37	25°8'39	15°56 5	9°II10	0°8'49	12°320	23°Y54	11°12'55	6°224	10°H39	11°H 3	7°12'55	13°H 9	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	17n24	16n 9	1n54	21n27	0n58	27n 6	3n37	17n21	0n 3	8n27	1s 5	22s22	0n27	8n16	0s34	17n39
T 2	17 40	11 4	0 53	21 10	0 43	27 4	3 35	17 33	0 4	8 32	1 5	22 22	0 27	8 17	0 34	17 39
W 3	17 56	5 31	0s11	20 51	0 27	27 1	3 34	17 45	0 4	8 37	1 6	22 22	0 27	8 18	0 34	17 39
T 4	18 11	0s22	1 16	20 31	0 11	26 58	3 32	17 57	0 5	8 42	1 6	22 22	0 27	8 19	0 34	17 39
F 5	18 26	6 23	2 19	20 9	0s 6	26 55	3 30	18 9	0 6	8 47	1 6	22 23	0 27	8 20	0 34	17 38
S 6	18 40	12 18	3 17	19 47	0 23	26 51	3 28	18 21	0 6	8 52	1 6	22 23	0 27	8 21	0 34	17 38
S 7	18 55	17 49	4 5	19 24	0 41	26 47	3 26	18 33	0 7	8 57	1 6	22 23	0 27	8 22	0 34	17 38
M 8	19 9	22 35	4 40	19 0	0 58	26 42	3 23	18 44	0 8	9 2	1 6	22 23	0 27	8 24	0 34	17 38
T 9	19 22	26 8	4 59	18 35	1 16	26 37	3 20	18 55	0 8	9 6	1 6	22 24	0 26	8 25	0 34	17 38
W10	19 36	28 5	4 59	18 11	1 33	26 31	3 17	19 6	0 9	9 11	1 6	22 24	0 26	8 26	0 34	17 37
T 11	19 49	28 7	4 41	17 47	1 50	26 25	3 13	19 17	0 9	9 16	1 6	22 24	0 26	8 27	0 34	17 37
F 12	20 2	26 14	4 4	17 24	2 6	26 19	3 10	19 28	0 10	9 21	1 6	22 24	0 26	8 28	0 34	17 37
S 13	20 14	22 37	3 11	17 1	2 21	26 13	3 6	19 39	0 11	9 25	1 6	22 25	0 26	8 29	0 34	17 37
S 14	20 26	17 41	2 7	16 39	2 36	26 6	3 1	19 49	0 11	9 30	1 6	22 25	0 26	8 30	0 34	17 36
M15	20 38	11 50	0 56	16 19	2 50	25 59	2 57	19 59	0 12	9 35	1 6	22 25	0 26	8 31	0 34	17 36
T 16	20 49	5 29	0n17	16 0	3 3	25 51	2 52	20 9	0 12	9 39	1 6	22 26	0 26	8 32	0 34	17 36
W17	21 0	1n 2	1 28	15 43	3 14	25 43	2 46	20 19	0 13	9 44	1 6	22 26	0 26	8 33	0 34	17 36
T 18	21 11	7 24	2 34	15 28	3 25	25 35	2 41	20 28	0 14	9 48	1 6	22 26	0 26	8 34	0 34	17 35
F 19	21 21	13 22	3 29	15 15	3 34	25 27	2 35	20 38	0 14	9 53	1 6	22 27	0 26	8 35	0 34	17 35
S 20	21 31	18 37	4 13	15 4	3 42	25 19	2 28	20 47	0 15	9 57	1 7	22 27	0 26	8 36	0 34	17 35
S 21	21 40	22 57	4 43	14 55	3 49	25 10	2 22	20 56	0 16	10 2	1 7	22 27	0 26	8 37	0 34	17 34
M22	21 49	26 5	4 58	14 48	3 54	25 1	2 14	21 5	0 16	10 6	1 7	22 28	0 26	8 38	0 34	17 34
T 23	21 58	27 53	4 58	14 44	3 59	24 52	2 7	21 13	0 17	10 11	1 7	22 28	0 26	8 39	0 34	17 34
W24	22 7	28 15	4 44	14 42	4 2	24 43	1 59	21 22	0 17	10 15	1 7	22 29	0 26	8 40	0 34	17 33
T 25	22 15	27 14	4 17	14 42	4 4	24 33	1 51	21 30	0 18	10 19	1 7	22 29	0 26	8 41	0 34	17 33
F 26	22 22	24 57	3 40	14 44	4 5	24 23	1 42	21 38	0 19	10 24	1 7	22 29	0 26	8 42	0 34	17 33
S 27	22 29	21 37	2 52	14 49	4 5	24 13	1 33	21 46	0 19	10 28	1 7	22 30	0 25	8 43	0 34	17 32
S 28	22 36	17 25	1 58	14 55	4 3	24 3	1 24	21 53	0 20	10 32	1 7	22 30	0 25	8 44	0 34	17 32
M29	22 43	12 33	0 58	15 4	4 1	23 53	1 14	22 1	0 20	10 36	1 7	22 31	0 25	8 45	0 34	17 31
T 30	22 49	7 11	0s 5	15 14	3 58	23 43	1 4	22 8	0 21	10 40	1 7	22 31	0 25	8 46	0 34	17 31
W31	22n54	1n30	1s 8	15n27	3s54	23n32	0n53	22n15	0n22	10n44	1s 8	22s31	0n25	8n46	0s34	17n31

Julian Day Number = 2243485.5, Delta T = 07m04s

Ecliptic obliquity = 23°30'57", Nutation = 0°00'04", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°47'35", Lahiri = 15°54'36" Julian Calendar 1 May 1430 == Greg. Calendar 10 May 1430

ASTRODIENST EPHEMERIS for the year 1430

geocentric

JUNE 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 10 56	18 ^{II} 14'48	5 [♂] 58	26 [♂] 18	15°R 1	9 ^{II} 52	1 [♂] 1	12°R16	23 ^Y 57	11 [♂] 56	6 [♂] 26	10°R38	11 [♂] 0	8 [♂] 1	13 [♂] 9	T 1
F 2	17 14 53	19°12'02	18°41	27° 2	14 [♂] 55	10°33	1°13	12 [♂] 12	23°59	11°58	6°27	10 [♂] 35	10°57	8° 8	13°10	F 2
S 3	17 18 49	20° 9'15	1 ^{III} 49	27°50	14°47	11°14	1°24	12° 9	24° 1	11°59	6°29	10°30	10°54	8°15	13°10	S 3
S 4	17 22 46	21° 6'27	15°25	28°42	14°37	11°55	1°36	12° 5	24° 3	12° 1	6°30	10°22	10°51	8°21	13°10	S 4
M 5	17 26 43	22° 3'38	29°27	29°38	14°24	12°36	1°48	12° 1	24° 5	12° 2	6°32	10°13	10°48	8°28	13°10	M 5
T 6	17 30 39	23° 0'50	13 [♂] 54	0 ^{II} 38	14° 8	13°17	1°59	11°57	24° 8	12° 4	6°33	10° 2	10°44	8°35	13°10	T 6
W 7	17 34 36	23°58'01	28°38	1°41	13°50	13°58	2°11	11°53	24°10	12° 5	6°35	9°51	10°41	8°41	13°11	W 7
T 8	17 38 32	24°55'11	13 [♂] 32	2°49	13°30	14°39	2°22	11°48	24°12	12° 7	6°36	9°42	10°38	8°48	13°R11	T 8
F 9	17 42 29	25°52'22	28°27	4° 0	13° 8	15°20	2°33	11°44	24°14	12° 9	6°38	9°35	10°35	8°55	13°11	F 9
S 10	17 46 25	26°49'32	13 [♂] 15	5°15	12°44	16° 1	2°44	11°40	24°16	12°10	6°39	9°30	10°32	9° 1	13°10	S 10
S 11	17 50 22	27°46'42	27°49	6°33	12°17	16°42	2°55	11°36	24°18	12°12	6°41	9°28	10°29	9° 8	13°10	S 11
M12	17 54 19	28°43'53	12 [♂] 6	7°56	11°49	17°22	3° 6	11°32	24°20	12°14	6°42	9°D28	10°25	9°15	13°10	M12
T 13	17 58 15	29°41'03	26° 4	9°22	11°19	18° 3	3°17	11°27	24°22	12°15	6°44	9°R28	10°22	9°21	13°10	T 13
W14	18 2 12	0 [♂] 38'13	9 ^Y 44	10°51	10°47	18°44	3°28	11°23	24°23	12°17	6°45	9°28	10°19	9°28	13° 9	W14
T 15	18 6 8	1°35'24	23° 6	12°24	10°14	19°24	3°38	11°19	24°25	12°19	6°47	9°26	10°16	9°35	13° 9	T 15
F 16	18 10 5	2°32'35	6 [♂] 13	14° 0	9°39	20° 5	3°49	11°15	24°27	12°21	6°48	9°22	10°13	9°41	13° 9	F 16
S 17	18 14 1	3°29'46	19° 6	15°40	9° 4	20°46	3°59	11°10	24°29	12°22	6°50	9°15	10° 9	9°48	13° 8	S 17
S 18	18 17 58	4°26'58	1 ^{II} 46	17°22	8°28	21°26	4°10	11° 6	24°30	12°24	6°51	9° 6	10° 6	9°55	13° 8	S 18
M19	18 21 54	5°24'10	14°15	19° 9	7°51	22° 7	4°20	11° 1	24°32	12°26	6°53	8°55	10° 3	10° 1	13° 7	M19
T 20	18 25 51	6°21'22	26°34	20°58	7°13	22°47	4°30	10°57	24°34	12°28	6°54	8°44	10° 0	10° 8	13° 6	T 20
W21	18 29 48	7°18'34	8 [♂] 43	22°50	6°36	23°27	4°40	10°53	24°35	12°30	6°56	8°33	9°57	10°15	13° 6	W21
T 22	18 33 44	8°15'46	20°44	24°45	5°59	24° 8	4°50	10°48	24°37	12°32	6°58	8°23	9°54	10°21	13° 5	T 22
F 23	18 37 41	9°12'58	2 [♂] 38	26°42	5°22	24°48	5° 0	10°44	24°38	12°34	6°59	8°15	9°50	10°28	13° 4	F 23
S 24	18 41 37	10°10'11	14°27	28°42	4°45	25°28	5° 9	10°39	24°39	12°36	7° 1	8°10	9°47	10°35	13° 3	S 24
S 25	18 45 34	11° 7'23	26°13	0 [♂] 44	4°10	26° 8	5°19	10°35	24°41	12°38	7° 2	8° 7	9°44	10°41	13° 2	S 25
M26	18 49 30	12° 4'35	8 ^{III} 2	2°47	3°35	26°48	5°28	10°31	24°42	12°39	7° 4	8°D 7	9°41	10°48	13° 1	M26
T 27	18 53 27	13° 1'48	19°56	4°52	3° 2	27°29	5°38	10°26	24°43	12°41	7° 5	8° 7	9°38	10°55	13° 0	T 27
W28	18 57 23	13°59'00	2 [♂] 0	6°59	2°29	28° 9	5°47	10°22	24°45	12°43	7° 7	8° 8	9°35	11° 1	12°59	W28
T 29	19 1 20	14°56'13	14°20	9° 6	1°59	28°49	5°56	10°17	24°46	12°45	7° 8	8°R 9	9°31	11° 8	12°58	T 29
F 30	19 5 17	15 [♂] 53'26	27 [♂] 1	11 [♂] 14	1 [♂] 30	29 ^{II} 29	6 [♂] 5	10 [♂] 13	24 ^Y 47	12 [♂] 47	7 [♂] 10	8 [♂] 8	9 [♂] 28	11 [♂] 15	12 [♂] 57	F 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
T 1	23n 0	4s22	2s10	15n41	3s49	23n22	0n42	22n22	0n22	10n48	1s 8	22s32	0n25	8n47	0s34	17n30	0n15	21n37	1s44	7s36	7s28	21n 2	2s 3	4n58	
F 2	23 4	10 13	3 7	15 56	3 43	23 11	0 31	22 28	0 23	10 52	1 8	22 32	0 25	8 48	0 34	17 30	0 15	21 37	1 44	7 37	7 29	20 59	2 3	4 58	
S 3	23 9	15 50	3 56	16 13	3 37	23 0	0 19	22 35	0 23	10 56	1 8	22 33	0 25	8 49	0 34	17 29	0 15	21 37	1 44	7 39	7 30	20 57	2 3	4 58	
S 4	23 13	20 52	4 34	16 31	3 30	22 49	0 7	22 41	0 24	11 0	1 8	22 33	0 25	8 50	0 34	17 29	0 15	21 37	1 44	7 42	7 31	20 54	2 3	4 58	
M 5	23 17	24 55	4 56	16 51	3 22	22 38	0s 6	22 47	0 24	11 4	1 8	22 33	0 25	8 51	0 34	17 29	0 15	21 37	1 44	7 46	7 33	20 52	2 2	4 58	
T 6	23 20	27 31	5 1	17 12	3 13	22 27	0 19	22 53	0 25	11 8	1 8	22 34	0 25	8 51	0 34	17 28	0 15	21 37	1 44	7 50	7 34	20 49	2 2	4 59	
W 7	23 23	28 16	4 45	17 33	3 4	22 16	0 32	22 58	0 26	11 12	1 8	22 34	0 25	8 52	0 34	17 28	0 15	21 37	1 44	7 54	7 35	20 47	2 2	4 59	
T 8	23 25	26 59	4 11	17 56	2 55	22 5	0 45	23 4	0 26	11 16	1 8	22 35	0 25	8 53	0 34	17 27	0 15	21 37	1 44	7 57	7 36	20 44	2 2	4 59	
F 9	23 27	23 47	3 19	18 19	2 45	21 53	0 59	23 9	0 27	11 20	1 8	22 35	0 25	8 54	0 34	17 27	0 15	21 37	1 44	8 0	7 37	20 42	2 1	4 59	
S 10	23 29	19 2	2 14	18 43	2 34	21 42	1 13	23 14	0 27	11 23	1 9	22 36	0 25	8 54	0 34	17 26	0 15	21 37	1 44	8 2	7 39	20 39	2 1	5 0	
S 11	23 30	13 14	1 1	19 7	2 23	21 31	1 27	23 19	0 28	11 27	1 9	22 36	0 24	8 55	0 34	17 26	0 15	21 37	1 43	8 3	7 40	20 37	2 1	5 0	
M12	23 31	6 50	0n14	19 32	2 12	21 19	1 41	23 23	0 28	11 30	1 9	22 37	0 24	8 56	0 34	17 25	0 15	21 37	1 43	8 3	7 41	20 34	2 1	5 0	
T 13	23 31	0 14	1 27	19 56	2 0	21 8	1 55	23 28	0 29	11 34	1 9	22 37	0 24	8 56	0 34	17 25	0 15	21 37	1 43	8 3	7 42	20 32	2 1	5 0	
W14	23 31	6n13	2 34	20 21	1 49	20 56	2 9	23 32	0 30	11 38	1 9	22 37	0 24	8 57	0 34	17 24	0 15	21 37	1 43	8 3	7 43	20 29	2 1	5 1	
T 15	23 30	12 15	3 30	20 45	1 37	20 44	2 23	23 36	0 30	11 41	1 9	22 38	0 24	8 58	0 34	17 24	0 15	21 37	1 43	8 4	7 45	20 27	2 1	5 1	
F 16	23 29	17 38	4 14	21 9	1 24	20 33	2 37	23 39	0 31	11 45	1 9	22 38	0 24	8 58	0 34	17 23	0 15	21 37	1 43	8 5	7 46	20 24	2 1	5 1	
S 17	23 28	22 7	4 45	21 33	1 12	20 21	2 51	23 43	0 31	11 48	1 9	22 39	0 24	8 59	0 34	17 23	0 15	21 37	1 43	8 8	7 47	20 22	2 1	5 1	
S 18	23 26	25 29	5 1	21 55	1 0	20 10	3 5	23 46	0 32	11 51	1 10	22 39	0 24	8 59	0 35	17 22	0 15	21 37	1 43	8 11	7 48	20 19	2 1	5 1	
M19	23 24	27 35	5 2	22 17	0 47	19 59	3 18	23 49	0 32	11 55	1 10	22 40	0 24	9 0	0 35	17 22	0 15	21 37	1 43	8 15	7 49	20 16	2 1	5 2	
T 20	23 22	28 17	4 49	22 37	0 35	19 48	3 32	23 52	0 33	11 58	1 10	22 40	0 24	9 1	0 35	17 21	0 15	21 37	1 43	8 19	7 51	20 14	2 1	5 2	
W21	23 19	27 36	4 23	22 56	0 23	19 37	3 44	23 55	0 34	12 1	1 10	22 41	0 24	9 1	0 35	17 21	0 15	21 37	1 43	8 23	7 52	20 11	2 1	5 2	
T 22	23 15	25 37	3 45	23 14	0 11	19 26	3 57	23 57	0 34	12 4	1 10	22 41	0 24	9 2	0 35	17 20	0 15	21 37	1 43	8 27	7 53	20 9	2 1	5 2	
F 23	23 12	22 31	2 58	23 29	0n 1	19 16	4 9	23 59	0 35	12 7	1 10	22 41	0 23	9 2	0 35	17 20	0 15	21 37	1 43	8 30	7 54	20 6	2 1	5 2	
S 24	23 7	18 31	2 3	23 43	0 12	19 6	4 20	24 1	0 35	12 11	1 10	22 42	0 23	9 3	0 35	17 19	0 15	21 37	1 43	8 32	7 55	20 4	2 1	5 3	
S 25	23 3	13 49	1 3	23 54	0 23	18 56	4 31	24 3	0 36	12 14	1 11	22 42	0 23	9 3	0 35	17 19	0 15	21 37	1 43	8 33	7 57	20 1	2 1	5 3	
M26	22 58	8 36	0 0	24 3	0 33	18 47	4 41	24 5	0 36	12 17	1 11	22 43	0 23	9 4	0 35	17 18	0 15	21 37	1 43	8 33	7 58	19 58	2 1	5 3	
T 27	22 53	3 2	1s 3	24 9	0 43	18 38	4 51	24 6	0 37	12 20	1 11	22 43	0 23	9 4	0 35	17 18	0 15	21 37	1 43	8 33	7 59	19 56	2 2	5 3	
W28	22 47	2s42	2 5	24 12	0 53	18 30	5 0	24 8	0 37	12 22	1 11	22 44	0 23	9 4	0 35	17 17	0 15	21 37	1 42	8 33	8 0	19 53	2 2	5 3	
T 29	22 41	8 28	3 2	24 13	1 1	18 22	5 8	24 9	0 38	12 25	1 11	22 44	0 23	9 5	0 35	17 17	0 15	21 37	1 42	8 33	8 1	19 51	2 2	5 4	
F 30	22n34	14s 3	3s52	24n11	1n 9	18n14	5s16	24n 9	0n39	12n28	1s11	22s44	0n23	9n 5	0s35	17n16	0n15	21n37	1s42	8s33	8s 3	19n48	2s 2	5n 4	

ASTRODIENST EPHEMERIS for the year 1430

geocentric

JULY 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 9 13	16°50'39	10♈ 6	13°23	1°R 3	0°5 9	6♈14	10°R 8	24°Y48	12♈50	7°511	8°R 6	9°H25	11°Q21	12°R56	S 1
S 2	19 13 10	17°47'52	23°40	15°31	0°538	0°48	6°22	10°3 4	24°49	12°52	7°13	8°H 1	9°22	11°28	12°H54	S 2
M 3	19 17 6	18°45'06	7°M43	17°39	0°16	1°28	6°31	10° 0	24°50	12°54	7°14	7°55	9°19	11°35	12°53	M 3
T 4	19 21 3	19°42'20	22°12	19°47	29°II55	2° 8	6°39	9°55	24°51	12°56	7°16	7°48	9°15	11°41	12°52	T 4
W 5	19 24 59	20°39'34	7°3 5	21°54	29°37	2°48	6°48	9°51	24°52	12°58	7°17	7°41	9°12	11°48	12°50	W 5
T 6	19 28 56	21°36'49	22°11	24° 0	29°21	3°27	6°56	9°47	24°53	13° 0	7°19	7°35	9° 9	11°55	12°49	T 6
F 7	19 32 52	22°34'05	7°22	26° 5	29° 7	4° 7	7° 4	9°43	24°53	13° 2	7°20	7°30	9° 6	12° 1	12°47	F 7
S 8	19 36 49	23°31'21	22°28	28° 9	28°56	4°47	7°12	9°38	24°54	13° 4	7°22	7°27	9° 3	12° 8	12°46	S 8
S 9	19 40 46	24°28'38	7°H19	0°Q12	28°47	5°26	7°19	9°34	24°55	13° 6	7°23	7°D27	9° 0	12°15	12°44	S 9
M10	19 44 42	25°25'56	21°51	2°13	28°41	6° 6	7°27	9°30	24°55	13° 8	7°25	7°27	8°56	12°21	12°43	M10
T 11	19 48 39	26°23'14	6°Y 0	4°13	28°37	6°45	7°34	9°26	24°56	13°10	7°26	7°28	8°53	12°28	12°41	T 11
W12	19 52 35	27°20'34	19°45	6°11	28°D35	7°25	7°42	9°22	24°57	13°13	7°28	7°29	8°50	12°35	12°39	W12
T 13	19 56 32	28°17'55	3°B 7	8° 8	28°36	8° 4	7°49	9°18	24°57	13°15	7°29	7°R30	8°47	12°41	12°37	T 13
F 14	20 0 28	29°15'17	16° 8	10° 3	28°39	8°44	7°56	9°14	24°58	13°17	7°31	7°28	8°44	12°48	12°35	F 14
S 15	20 4 25	0°Q12'41	28°52	11°56	28°44	9°23	8° 3	9°10	24°58	13°19	7°32	7°25	8°41	12°55	12°34	S 15
S 16	20 8 21	1°10'05	11°II21	13°48	28°51	10° 2	8°10	9° 6	24°58	13°21	7°34	7°21	8°37	13° 1	12°32	S 16
M17	20 12 18	2° 7'31	23°37	15°38	29° 1	10°42	8°16	9° 2	24°59	13°23	7°35	7°15	8°34	13° 8	12°30	M17
T 18	20 16 15	3° 4'58	5°544	17°27	29°13	11°21	8°22	8°58	24°59	13°26	7°36	7° 9	8°31	13°15	12°28	T 18
W19	20 20 11	4° 2'26	17°42	19°14	29°26	12° 0	8°29	8°54	24°59	13°28	7°38	7° 3	8°28	13°21	12°26	W19
T 20	20 24 8	4°59'55	29°35	21° 0	29°42	12°39	8°35	8°50	24°59	13°30	7°39	6°58	8°25	13°28	12°24	T 20
F 21	20 28 4	5°57'25	11°Q25	22°43	29°59	13°18	8°41	8°47	24°59	13°32	7°41	6°54	8°21	13°34	12°21	F 21
S 22	20 32 1	6°54'56	23°12	24°26	0°519	13°58	8°46	8°43	24°59	13°35	7°42	6°52	8°18	13°41	12°19	S 22
S 23	20 35 57	7°52'28	5°M 0	26° 6	0°40	14°37	8°52	8°40	24°R59	13°37	7°43	6°D51	8°15	13°48	12°17	S 23
M24	20 39 54	8°50'01	16°51	27°46	1° 3	15°16	8°57	8°36	24°59	13°39	7°45	6°51	8°12	13°54	12°15	M24
T 25	20 43 51	9°47'35	28°48	29°23	1°28	15°55	9° 3	8°33	24°59	13°41	7°46	6°53	8° 9	14° 1	12°13	T 25
W26	20 47 47	10°45'10	10°Q56	0°M 59	1°54	16°33	9° 8	8°29	24°59	13°43	7°47	6°54	8° 6	14° 8	12°10	W26
T 27	20 51 44	11°42'46	23°17	2°34	2°22	17°12	9°13	8°26	24°59	13°46	7°49	6°56	8° 2	14°14	12° 8	T 27
F 28	20 55 40	12°40'23	5°M57	4° 7	2°51	17°51	9°17	8°23	24°59	13°48	7°50	6°57	7°59	14°21	12° 6	F 28
S 29	20 59 37	13°38'01	18°58	5°38	3°22	18°30	9°22	8°19	24°58	13°50	7°51	6°R57	7°56	14°28	12° 3	S 29
S 30	21 3 33	14°35'40	2°M26	7° 8	3°54	19° 9	9°26	8°16	24°58	13°52	7°53	6°56	7°53	14°34	12° 1	S 30
M31	21 7 30	15°Q33'21	16°M20	8°M36	4°528	19°548	9°B31	8°313	24°Y58	13°Q55	7°54	6°H54	7°H50	14°Q41	11°H58	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22n27	19s11	4s32	24n 7	1n16	18n 8	5s23	24n10	0n39	12n31	1s11	22s45	0n23	9n 6	0s35	17n15	0n15	21n37	1s42	8s34	8s 4	19n45	2s 3	5n 4			
S 2	22 20	23 33	4 58	23 59	1 23	18 1	5 30	24 10	0 40	12 34	1 12	22 45	0 23	9 6	0 35	17 15	0 15	21 37	1 42	8 35	8 5	19 43	2 3	5 4			
M 3	22 12	26 43	5 8	23 49	1 29	17 56	5 35	24 11	0 40	12 36	1 12	22 46	0 23	9 6	0 35	17 14	0 15	21 37	1 42	8 38	8 6	19 40	2 3	5 4			
T 4	22 4	28 15	4 58	23 36	1 34	17 50	5 41	24 11	0 41	12 39	1 12	22 46	0 22	9 7	0 35	17 14	0 15	21 37	1 42	8 40	8 7	19 38	2 4	5 5			
W 5	21 55	27 48	4 29	23 20	1 38	17 46	5 45	24 10	0 41	12 41	1 12	22 47	0 22	9 7	0 35	17 13	0 15	21 37	1 42	8 43	8 9	19 35	2 4	5 5			
T 6	21 46	25 18	3 40	23 2	1 41	17 42	5 49	24 10	0 42	12 44	1 12	22 47	0 22	9 7	0 35	17 12	0 15	21 37	1 42	8 45	8 10	19 32	2 4	5 5			
F 7	21 37	21 0	2 35	22 42	1 44	17 38	5 52	24 9	0 42	12 46	1 12	22 47	0 22	9 8	0 35	17 12	0 15	21 37	1 42	8 47	8 11	19 30	2 5	5 5			
S 8	21 28	15 20	1 20	22 20	1 46	17 36	5 55	24 9	0 43	12 49	1 13	22 48	0 22	9 8	0 35	17 11	0 15	21 37	1 42	8 48	8 12	19 27	2 5	5 5			
S 9	21 18	8 51	0 1	21 55	1 47	17 33	5 57	24 8	0 43	12 51	1 13	22 48	0 22	9 8	0 35	17 11	0 15	21 37	1 42	8 48	8 13	19 24	2 6	5 5			
M10	21 7	2 3	1n17	21 29	1 48	17 32	5 59	24 6	0 44	12 53	1 13	22 49	0 22	9 8	0 35	17 10	0 15	21 37	1 42	8 48	8 15	19 22	2 6	5 6			
T 11	20 57	4n40	2 29	21 1	1 48	17 30	6 0	24 5	0 44	12 56	1 13	22 49	0 22	9 8	0 35	17 10	0 15	21 37	1 42	8 48	8 16	19 19	2 7	5 6			
W12	20 45	10 59	3 29	20 31	1 47	17 30	6 1	24 3	0 45	12 58	1 13	22 49	0 22	9 9	0 35	17 9	0 15	21 37	1 42	8 47	8 17	19 16	2 7	5 6			
T 13	20 34	16 37	4 17	20 0	1 46	17 29	6 1	24 1	0 45	13 0	1 13	22 50	0 22	9 9	0 35	17 8	0 15	21 37	1 42	8 47	8 18	19 14	2 8	5 6			
F 14	20 22	21 20	4 50	19 27	1 44	17 30	6 1	23 59	0 46	13 2	1 14	22 50	0 22	9 9	0 35	17 8	0 15	21 37	1 42	8 48	8 19	19 11	2 8	5 6			
S 15	20 10	24 58	5 8	18 53	1 41	17 30	6 0	23 57	0 46	13 4	1 14	22 51	0 21	9 9	0 35	17 7	0 15	21 37	1 42	8 49	8 21	19 8	2 9	5 6			
S 16	19 58	27 20	5 10	18 18	1 38	17 31	5 59	23 55	0 47	13 6	1 14	22 51	0 21	9 9	0 35	17 6	0 15	21 36	1 42	8 50	8 22	19 6	2 10	5 7			
M17	19 45	28 20	4 58	17 42	1 35	17 33	5 58	23 52	0 48	13 8	1 14	22 51	0 21	9 9	0 35	17 6	0 15	21 36	1 42	8 53	8 23	19 3	2 10	5 7			
T 18	19 32	27 57	4 34	17 5	1 31	17 34	5 57	23 50	0 48	13 10	1 14	22 52	0 21	9 9	0 35	17 5	0 15	21 36	1 42	8 55	8 24	19 0	2 11	5 7			
W19	19 18	26 15	3 57	16 28	1 26	17 36	5 55	23 47	0 49	13 12	1 15	22 52	0 21	9 9	0 35	17 5	0 15	21 36	1 42	8 57	8 25	18 58	2 11	5 7			
T 20	19 5	23 24	3 10	15 50	1 21	17 39	5 52	23 44	0 49	13 14	1 15	22 52	0 21	9 9	0 35	17 4	0 15	21 36	1 41	8 59	8 27	18 55	2 12	5 7			
F 21	18 51	19 34	2 15	15 11	1 16	17 41	5 50	23 40	0 50	13 15	1 15	22 53	0 21	9 9	0 35	17 3	0 15	21 36	1 41	9 0	8 28	18 52	2 13	5 7			
S 22	18 36	15 0	1 14	14 31	1 10	17 44	5 47	23 37	0 50	13 17	1 15	22 53	0 21	9 9	0 35	17 3	0 15	21 36	1 41	9 1	8 29	18 50	2 13	5 7			
S 23	18 21	9 52	0 10	13 52	1 4	17 47	5 44	23 33	0 51	13 19	1 15	22 53	0 21	9 9	0 35	17 2	0 15	21 36	1 41	9 2	8 30	18 47	2 14	5 7			
M24	18 6	4 22	0s55	13 12	0 58	17 50	5 41	23 29	0 51	13 20	1 15	22 54	0 20	9 9	0 35	17 1	0 15	21 36	1 41	9 1	8 31	18 44	2 15	5 8			
T 25	17 51	1s19	1 58	12 31	0 51	17 53	5 37	23 25	0 52	13 22	1 16	22 54	0 20	9 9	0 35	17 1	0 15	21 36	1 41	9 1	8 32	18 41	2 16	5 8			
W26	17 36	7 3	2 57	11 51	0 44	17 57	5 33	23 21	0 52	13 23	1 16	22 54	0 20	9 9	0 35	17 0	0 15	21 36	1 41	9 0	8 34	18 39	2 16	5 8			
T 27	17 20	12 36	3 48	11 10	0 37	18 0	5 29	23 16	0 53	13 25	1 16	22 55	0 20	9 9	0 35	17 0	0 15	21 36	1 41	9 0	8 35	18 36	2 17	5 8			
F 28	17 4	17 47	4 30	10 29	0 29	18 4	5 25	23 12	0 53	13 26	1 16	22 55	0 20	9 9	0 35	16 59	0 15	21 36	1 41	8 59	8 36	18 33	2 18	5 8			
S 29	16 47	22 19	5 0	9 48	0 21	18 7	5 21	23 7	0 54	13 27	1 16	22 55	0 20	9 9	0 35	16 58	0 15	21 36	1 41	8 59	8 37	18 31	2 19	5 8			
S 30	16 30	25 51	5 14	9 8	0 13	18 11	5 17	23 2	0 54	13 28	1 17	22 56	0 20	9 9	0 35	16 58	0 15	21 36	1 41	9 0	8 38	18 28	2 20	5 8			
M31	16n13	27s58	5s11	8n27	0n 5	18n15	5s12	22n57	0n55	13n29	1s17	22s56	0n20	9n 9	0s36	16n57	0n15	21n36	1s41	9s 0	8s40	18n25	2s21	5n 8			

ASTRODIENST EPHEMERIS for the year 1430
geocentric

AUGUST 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	21 11 26	16 ⁰³ 1'02	0 ³ 42	10 ¹⁷ 3	5 ⁵ 3	20 ⁵ 26	9 ⁸ 35	8°R10	24°R57	13 ⁰ 57	7 ⁵ 55	6°R52	7 ¹ 47	14 ⁰ 48	11°R56	T 1
W 2	21 15 23	17°28'44	15°27	11°28	5°39	21° 5	9°38	8 ³ 7	24°Y57	13°59	7°56	6 ¹ 49	7°43	14°54	11 ¹ 53	W 2
T 3	21 19 20	18°26'28	0 ³ 40	12°51	6°16	21°43	9°42	8° 4	24°56	14° 1	7°58	6°47	7°40	15° 1	11°51	T 3
F 4	21 23 16	19°24'13	15°42	14°13	6°55	22°22	9°46	8° 2	24°56	14° 3	7°59	6°45	7°37	15° 8	11°48	F 4
S 5	21 27 13	20°21'59	0 ¹ 55	15°33	7°34	23° 1	9°49	7°59	24°55	14° 6	8° 0	6°D44	7°34	15°14	11°46	S 5
S 6	21 31 9	21°19'47	15°57	16°52	8°15	23°39	9°52	7°56	24°54	14° 8	8° 1	6°45	7°31	15°21	11°43	S 6
M 7	21 35 6	22°17'36	0 ¹ 42	18° 8	8°57	24°18	9°55	7°54	24°54	14°10	8° 2	6°45	7°27	15°28	11°41	M 7
T 8	21 39 2	23°15'27	15° 3	19°23	9°40	24°56	9°58	7°51	24°53	14°12	8° 3	6°46	7°24	15°34	11°38	T 8
W 9	21 42 59	24°13'20	28°58	20°36	10°23	25°34	10° 0	7°49	24°52	14°14	8° 5	6°47	7°21	15°41	11°35	W 9
T 10	21 46 55	25°11'15	12 ² 27	21°47	11° 8	26°13	10° 3	7°47	24°51	14°17	8° 6	6°48	7°18	15°48	11°32	T 10
F 11	21 50 52	26° 9'11	25°30	22°55	11°54	26°51	10° 5	7°44	24°50	14°19	8° 7	6°R48	7°15	15°54	11°30	F 11
S 12	21 54 49	27° 7'10	8 ¹ 13	24° 2	12°40	27°29	10° 7	7°42	24°49	14°21	8° 8	6°48	7°12	16° 1	11°27	S 12
S 13	21 58 45	28° 5'11	20°37	25° 6	13°27	28° 8	10° 8	7°40	24°48	14°23	8° 9	6°47	7° 8	16° 8	11°24	S 13
M14	22 2 42	29° 3'13	2 ⁵ 46	26° 9	14°16	28°46	10°10	7°38	24°47	14°25	8°10	6°47	7° 5	16°14	11°22	M14
T 15	22 6 38	0 ¹ 17	14°46	27° 8	15° 4	29°24	10°11	7°36	24°46	14°28	8°11	6°46	7° 2	16°21	11°19	T 15
W16	22 10 35	0°59'23	26°38	28° 5	15°54	0 ⁰ 2	10°13	7°35	24°45	14°30	8°12	6°45	6°59	16°28	11°16	W16
T 17	22 14 31	1°57'31	8 ⁰ 27	28°59	16°45	0°40	10°14	7°33	24°44	14°32	8°13	6°44	6°56	16°34	11°13	T 17
F 18	22 18 28	2°55'41	20°14	29°50	17°36	1°18	10°14	7°31	24°43	14°34	8°14	6°44	6°53	16°41	11°10	F 18
S 19	22 22 24	3°53'53	2 ¹ 4	0 ⁰ 38	18°27	1°56	10°15	7°30	24°42	14°36	8°15	6°D44	6°49	16°48	11° 8	S 19
S 20	22 26 21	4°52'06	13°56	1°23	19°20	2°34	10°15	7°29	24°40	14°38	8°16	6°44	6°46	16°54	11° 5	S 20
M21	22 30 18	5°50'21	25°55	2° 4	20°13	3°12	10°R16	7°27	24°39	14°40	8°17	6°44	6°43	17° 1	11° 2	M21
T 22	22 34 14	6°48'38	8 ⁰ 1	2°41	21° 6	3°50	10°16	7°26	24°37	14°42	8°18	6°R44	6°40	17° 7	10°59	T 22
W23	22 38 11	7°46'56	20°18	3°13	22° 1	4°28	10°15	7°25	24°36	14°45	8°19	6°44	6°37	17°14	10°56	W23
T 24	22 42 7	8°45'16	2 ¹ 48	3°42	22°56	5° 6	10°15	7°24	24°35	14°47	8°20	6°43	6°33	17°21	10°53	T 24
F 25	22 46 4	9°43'38	15°33	4° 5	23°51	5°44	10°14	7°23	24°33	14°49	8°20	6°43	6°30	17°27	10°51	F 25
S 26	22 50 0	10°42'01	28°36	4°24	24°47	6°21	10°13	7°22	24°32	14°51	8°21	6°43	6°27	17°34	10°48	S 26
S 27	22 53 57	11°40'26	11 ¹ 59	4°37	25°43	6°59	10°12	7°21	24°30	14°53	8°22	6°D43	6°24	17°41	10°45	S 27
M28	22 57 53	12°38'53	25°44	4°44	26°40	7°37	10°11	7°21	24°28	14°55	8°23	6°43	6°21	17°47	10°42	M28
T 29	23 1 50	13°37'21	9 ² 51	4°R46	27°37	8°14	10°10	7°20	24°27	14°57	8°24	6°43	6°18	17°54	10°39	T 29
W30	23 5 47	14°35'51	24°50	4°41	28°35	8°52	10° 8	7°20	24°25	14°59	8°24	6°44	6°14	18° 1	10°36	W30
T 31	23 9 43	15 ¹ 34'23	9 ² 6	4 ⁰ 29	29 ⁵ 34	9 ⁰ 30	10 ⁸ 6	7 ² 19	24 ¹ Y23	15 ⁰ 1	8 ² 25	6 ¹ 45	6 ¹ 11	18 ⁰ 7	10 ¹ 34	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	15n56	28s19	4s49	7n46	0s 3	18n18	5s 7	22n52	0n55	13n31	1s17	22s56	0n20	9n 8	0s36	16n56
W 2	15 39	26 42	4 7	7 6	0 12	18 21	5 3	22 46	0 56	13 32	1 17	22 56	0 20	9 8	0 36	16 56
T 3	15 21	23 9	3 7	6 26	0 21	18 25	4 58	22 41	0 56	13 33	1 17	22 57	0 19	9 8	0 36	16 55
F 4	15 3	17 59	1 54	5 46	0 30	18 28	4 53	22 35	0 57	13 33	1 18	22 57	0 19	9 8	0 36	16 54
S 5	14 45	11 41	0 32	5 7	0 39	18 31	4 47	22 29	0 57	13 34	1 18	22 57	0 19	9 8	0 36	16 54
S 6	14 26	4 47	0n51	4 28	0 48	18 34	4 42	22 23	0 58	13 35	1 18	22 58	0 19	9 7	0 36	16 53
M 7	14 7	2n15	2 9	3 50	0 57	18 37	4 37	22 17	0 58	13 36	1 18	22 58	0 19	9 7	0 36	16 53
T 8	13 49	8 58	3 17	3 12	1 7	18 39	4 31	22 10	0 59	13 37	1 18	22 58	0 19	9 7	0 36	16 52
W 9	13 29	15 2	4 11	2 35	1 16	18 41	4 26	22 4	0 59	13 37	1 19	22 58	0 19	9 6	0 36	16 51
T 10	13 10	20 12	4 49	1 58	1 25	18 43	4 20	21 57	0 59	13 38	1 19	22 59	0 19	9 6	0 36	16 51
F 11	12 50	24 14	5 11	1 22	1 35	18 45	4 15	21 50	1 0	13 38	1 19	22 59	0 19	9 6	0 36	16 50
S 12	12 31	26 58	5 17	0 47	1 44	18 47	4 9	21 43	1 0	13 39	1 19	22 59	0 18	9 5	0 36	16 49
S 13	12 11	28 18	5 8	0 12	1 54	18 48	4 3	21 36	1 1	13 39	1 19	22 59	0 18	9 5	0 36	16 49
M14	11 50	28 14	4 45	0s21	2 3	18 49	3 58	21 28	1 1	13 39	1 20	22 59	0 18	9 5	0 36	16 48
T 15	11 30	26 50	4 10	0 53	2 13	18 49	3 52	21 21	1 2	13 40	1 20	23 0	0 18	9 4	0 36	16 48
W16	11 9	24 15	3 25	1 24	2 22	18 49	3 46	21 13	1 2	13 40	1 20	23 0	0 18	9 4	0 36	16 47
T 17	10 49	20 38	2 31	1 55	2 31	18 49	3 40	21 6	1 3	13 40	1 20	23 0	0 18	9 3	0 36	16 46
F 18	10 28	16 13	1 30	2 23	2 40	18 49	3 34	20 58	1 3	13 40	1 20	23 0	0 18	9 3	0 36	16 46
S 19	10 7	11 11	0 26	2 51	2 49	18 48	3 28	20 50	1 4	13 40	1 21	23 0	0 18	9 2	0 36	16 45
S 20	9 45	5 43	0s40	3 16	2 58	18 47	3 23	20 41	1 4	13 40	1 21	23 1	0 18	9 2	0 36	16 45
M21	9 24	0 2	1 45	3 40	3 7	18 45	3 17	20 33	1 5	13 40	1 21	23 1	0 17	9 1	0 36	16 44
T 22	9 2	5s43	2 45	4 3	3 15	18 43	3 11	20 25	1 5	13 40	1 21	23 1	0 17	9 1	0 36	16 43
W23	8 41	11 20	3 39	4 23	3 22	18 40	3 5	20 16	1 6	13 39	1 21	23 1	0 17	9 0	0 36	16 43
T 24	8 19	16 36	4 24	4 41	3 30	18 37	2 59	20 7	1 6	13 39	1 22	23 1	0 17	9 0	0 36	16 42
F 25	7 57	21 16	4 56	4 56	3 37	18 34	2 53	19 58	1 7	13 39	1 22	23 2	0 17	8 59	0 36	16 42
S 26	7 35	25 1	5 14	5 10	3 43	18 30	2 47	19 49	1 7	13 38	1 22	23 2	0 17	8 59	0 36	16 41
S 27	7 12	27 31	5 16	5 20	3 48	18 26	2 41	19 40	1 7	13 38	1 22	23 2	0 17	8 58	0 36	16 40
M28	6 50	28 27	5 0	5 27	3 53	18 21	2 35	19 31	1 8	13 37	1 22	23 2	0 17	8 57	0 36	16 40
T 29	6 28	27 34	4 26	5 31	3 57	18 16	2 29	19 22	1 8	13 37	1 22	23 2	0 17	8 57	0 36	16 39
W30	6 5	24 50	3 34	5 32	4 0	18 10	2 23	19 12	1 9	13 36	1 23	23 2	0 16	8 56	0 36	16 39
T 31	5n42	20s24	2s28	5s29	4s 2	18n 4	2s17	19n 3	1n 9	13n35	1s23	23s 2	0n16	8n55	0s36	16n38

Julian Day Number = 2243577.5, Delta T = 07m03s
Ecliptic obliquity = 23°30'56, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°47'48, Lahiri = 15°54'48 Julian Calendar 1 Aug. 1430 == Greg. Calendar 10 Aug. 1430

ASTRODIENST EPHEMERIS for the year 1430
geocentric

SEPTEMBER 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	23 13 40	16 ^h 32'56	24 ^h 5 5	4°R10	0 ^h 232	10 ^h 10 7	10°R 4	7°R19	24°R22	15 ^h 10 3	8 ^h 26	6 ^h 45	6 ^h 8	18 ^h 14	10°R31	F 1
S 2	23 17 36	17°31'31	9 ^h 7	3 ^h 44	1°32	10°45	10 ^h 8 2	7 ^h 19	24°Y20	15° 5	8°27	6°R45	6° 5	18°21	10 ^h 28	S 2
S 3	23 21 33	18°30'08	24° 6	3°12	2°31	11°22	10° 0	7°D19	24°18	15° 7	8°27	6°45	6° 2	18°27	10°25	S 3
M 4	23 25 29	19°28'47	8 ^h Y53	2°32	3°31	12° 0	9°57	7°19	24°16	15° 9	8°28	6°44	5°59	18°34	10°22	M 4
T 5	23 29 26	20°27'28	23°20	1°46	4°32	12°37	9°54	7°19	24°14	15°10	8°28	6°42	5°55	18°41	10°19	T 5
W 6	23 33 22	21°26'11	7 ^h 23	0°53	5°33	13°14	9°51	7°19	24°12	15°12	8°29	6°41	5°52	18°47	10°17	W 6
T 7	23 37 19	22°24'56	20°59	29 ^h 56	6°34	13°52	9°48	7°20	24°10	15°14	8°30	6°39	5°49	18°54	10°14	T 7
F 8	23 41 15	23°23'44	4 ^h II 9	28°54	7°35	14°29	9°45	7°20	24° 8	15°16	8°30	6°37	5°46	19° 1	10°11	F 8
S 9	23 45 12	24°22'34	16°55	27°49	8°37	15° 6	9°41	7°21	24° 6	15°18	8°31	6°36	5°43	19° 7	10° 8	S 9
S 10	23 49 9	25°21'27	29°20	26°42	9°40	15°43	9°38	7°21	24° 4	15°20	8°31	6°D36	5°39	19°14	10° 6	S 10
M11	23 53 5	26°20'22	11 ^h 28	25°35	10°42	16°20	9°34	7°22	24° 2	15°22	8°32	6°37	5°36	19°21	10° 3	M11
T 12	23 57 2	27°19'19	23°25	24°30	11°45	16°57	9°29	7°23	24° 0	15°23	8°32	6°38	5°33	19°27	10° 0	T 12
W13	0 0 58	28°18'18	5 ^h 15	23°29	12°49	17°35	9°25	7°24	23°58	15°25	8°33	6°40	5°30	19°34	9°58	W13
T 14	0 4 55	29°17'20	17° 2	22°32	13°52	18°12	9°21	7°25	23°56	15°27	8°33	6°41	5°27	19°40	9°55	T 14
F 15	0 8 51	0 ^h 16'23	28°51	21°42	14°56	18°49	9°16	7°26	23°54	15°28	8°33	6°43	5°24	19°47	9°52	F 15
S 16	0 12 48	1°15'29	10 ^h 44	21° 0	16° 0	19°26	9°11	7°27	23°51	15°30	8°34	6°R43	5°20	19°54	9°50	S 16
S 17	0 16 44	2°14'37	22°45	20°27	17° 5	20° 2	9° 6	7°28	23°49	15°32	8°34	6°42	5°17	20° 0	9°47	S 17
M18	0 20 41	3°13'48	4 ^h 55	20° 4	18°10	20°39	9° 1	7°30	23°47	15°33	8°34	6°39	5°14	20° 7	9°45	M18
T 19	0 24 38	4°13'00	17°17	19°52	19°15	21°16	8°56	7°31	23°45	15°35	8°35	6°36	5°11	20°14	9°42	T 19
W20	0 28 34	5°12'14	29°50	19°D50	20°20	21°53	8°50	7°33	23°42	15°37	8°35	6°31	5° 8	20°20	9°40	W20
T 21	0 32 31	6°11'30	12 ^h 36	19°58	21°25	22°30	8°44	7°35	23°40	15°38	8°35	6°26	5° 4	20°27	9°37	T 21
F 22	0 36 27	7°10'49	25°36	20°18	22°31	23° 6	8°39	7°36	23°38	15°40	8°35	6°21	5° 1	20°34	9°35	F 22
S 23	0 40 24	8°10'09	8 ^h 49	20°47	23°37	23°43	8°33	7°38	23°35	15°41	8°36	6°17	4°58	20°40	9°32	S 23
S 24	0 44 20	9° 9'31	22°17	21°25	24°43	24°20	8°27	7°40	23°33	15°43	8°36	6°15	4°55	20°47	9°30	S 24
M25	0 48 17	10° 8'55	5 ^h 59	22°12	25°50	24°56	8°20	7°42	23°31	15°44	8°36	6°D13	4°52	20°54	9°28	M25
T 26	0 52 13	11° 8'20	19°56	23° 7	26°57	25°33	8°14	7°45	23°28	15°46	8°36	6°14	4°49	21° 0	9°25	T 26
W27	0 56 10	12° 7'48	4 ^h 8	24°10	28° 4	26° 9	8° 7	7°47	23°26	15°47	8°36	6°15	4°45	21° 7	9°23	W27
T 28	1 0 7	13° 7'17	18°32	25°18	29°11	26°46	8° 1	7°49	23°24	15°49	8°36	6°16	4°42	21°14	9°21	T 28
F 29	1 4 3	14° 6'47	3 ^h 7	26°32	0 ^h 18	27°22	7°54	7°52	23°21	15°50	8°36	6°R17	4°39	21°20	9°19	F 29
S 30	1 8 0	15 ^h 6'20	17 ^h 47	27 ^h 52	1 ^h 26	27 ^h 58	7 ^h 47	7 ^h 54	23 ^h Y19	15 ^h 151	8 ^h 36	6 ^h 17	4 ^h 36	21 ^h 27	9 ^h 16	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	5n20	14s38	1s10	5s22	4s 2	17n58	2s11	18n53	1n10	13n34	1s23	23s 3	0n16	8n55	0s36	16n38
S 2	4 57	7 58	0n13	5 11	4 2	17 50	2 6	18 43	1 10	13 33	1 23	23 3	0 16	8 54	0 36	16 37
S 3	4 34	0 54	1 35	4 56	3 59	17 43	2 0	18 33	1 11	13 33	1 23	23 3	0 16	8 53	0 36	16 36
M 4	4 11	6n 7	2 49	4 36	3 55	17 35	1 54	18 23	1 11	13 32	1 23	23 3	0 16	8 53	0 36	16 36
T 5	3 48	12 39	3 50	4 12	3 49	17 26	1 48	18 13	1 12	13 31	1 24	23 3	0 16	8 52	0 36	16 35
W 6	3 24	18 22	4 36	3 44	3 41	17 17	1 43	18 3	1 12	13 29	1 24	23 3	0 16	8 51	0 36	16 35
T 7	3 1	22 57	5 5	3 12	3 32	17 8	1 37	17 53	1 13	13 28	1 24	23 3	0 16	8 51	0 36	16 34
F 8	2 38	26 13	5 16	2 37	3 20	16 58	1 31	17 42	1 13	13 27	1 24	23 3	0 16	8 50	0 36	16 34
S 9	2 14	28 2	5 11	1 59	3 6	16 47	1 26	17 32	1 13	13 26	1 24	23 3	0 15	8 49	0 36	16 33
S 10	1 51	28 23	4 52	1 18	2 51	16 36	1 20	17 21	1 14	13 24	1 24	23 3	0 15	8 48	0 36	16 33
M11	1 28	27 20	4 20	0 36	2 34	16 25	1 15	17 10	1 14	13 23	1 25	23 3	0 15	8 48	0 36	16 32
T 12	1 4	25 2	3 37	0n 7	2 16	16 13	1 9	16 59	1 15	13 22	1 25	23 3	0 15	8 47	0 36	16 32
W13	0 41	21 41	2 45	0 49	1 57	16 0	1 4	16 48	1 15	13 20	1 25	23 4	0 15	8 46	0 36	16 31
T 14	0 17	17 28	1 46	1 30	1 37	15 47	0 58	16 37	1 16	13 19	1 25	23 4	0 15	8 45	0 36	16 31
F 15	0s 7	12 35	0 43	2 8	1 16	15 34	0 53	16 26	1 16	13 17	1 25	23 4	0 15	8 44	0 36	16 30
S 16	0 30	7 13	0s22	2 43	0 56	15 20	0 48	16 15	1 17	13 15	1 25	23 4	0 15	8 44	0 36	16 30
S 17	0 54	1 33	1 27	3 15	0 36	15 5	0 43	16 4	1 17	13 14	1 25	23 4	0 15	8 43	0 36	16 29
M18	1 17	4s14	2 29	3 41	0 17	14 51	0 37	15 53	1 17	13 12	1 25	23 4	0 14	8 42	0 36	16 29
T 19	1 41	9 57	3 24	4 3	0n 2	14 35	0 32	15 41	1 18	13 10	1 26	23 4	0 14	8 41	0 36	16 28
W20	2 4	15 22	4 11	4 20	0 19	14 19	0 27	15 30	1 18	13 8	1 26	23 4	0 14	8 40	0 36	16 28
T 21	2 28	20 12	4 46	4 31	0 35	14 3	0 22	15 18	1 19	13 6	1 26	23 4	0 14	8 39	0 36	16 27
F 22	2 52	24 11	5 7	4 37	0 50	13 47	0 17	15 6	1 19	13 4	1 26	23 4	0 14	8 38	0 36	16 27
S 23	3 15	26 59	5 12	4 38	1 3	13 29	0 13	14 55	1 20	13 2	1 26	23 4	0 14	8 38	0 36	16 26
S 24	3 38	28 17	5 0	4 34	1 15	13 12	0 8	14 43	1 20	13 0	1 26	23 4	0 14	8 37	0 36	16 26
M25	4 2	27 54	4 31	4 25	1 26	12 54	0 3	14 31	1 21	12 58	1 26	23 4	0 14	8 36	0 36	16 26
T 26	4 25	25 45	3 46	4 11	1 35	12 35	0n 1	14 19	1 21	12 56	1 26	23 4	0 14	8 35	0 36	16 25
W27	4 49	21 59	2 46	3 53	1 42	12 17	0 6	14 7	1 21	12 54	1 26	23 4	0 14	8 34	0 36	16 25
T 28	5 12	16 50	1 35	3 32	1 48	11 57	0 10	13 55	1 22	12 52	1 26	23 4	0 13	8 33	0 36	16 24
F 29	5 35	10 40	0 17	3 7	1 53	11 38	0 15	13 43	1 22	12 50	1 26	23 4	0 13	8 32	0 36	16 24
S 30	5s58	3s53	1n 2	2n38	1n57	11n18	0n19	13n31	1n23	12n47	1s26	23s 4	0n13	8n31	0s36	16n24

Julian Day Number = 2243608.5, Delta T = 07m03s

Ecliptic obliquity = 23°30'57, Nutation = 0°00'07, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°47'52, Lahiri = 15°54'52 Julian Calendar 1 Sept. 1430 == Greg. Calendar 10 Sept. 1430

ASTRODIENST EPHEMERIS for the year 1430

geocentric

OCTOBER 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 11 56	16♌ 5'54	2♏27	29♏15	2♏34	28♏35	7°R40	7♏57	23°R16	15♏53	8°R36	6°R14	4♏33	21♏34	9°R14	S 1
M 2	1 15 53	17° 5'31	17° 0	0♌42	3°41	29°11	7♏33	8° 0	23°Y14	15°54	8♏36	6♏10	4°30	21°40	9♏12	M 2
T 3	1 19 49	18° 5'09	1♌20	2°12	4°50	29°47	7°26	8° 3	23°11	15°55	8°36	6° 4	4°26	21°47	9°10	T 3
W 4	1 23 46	19° 4'50	15°21	3°44	5°58	0♏23	7°18	8° 5	23° 9	15°56	8°36	5°57	4°23	21°53	9° 8	W 4
T 5	1 27 42	20° 4'33	28°59	5°18	7° 7	0°59	7°11	8° 8	23° 6	15°57	8°36	5°50	4°20	22° 0	9° 6	T 5
F 6	1 31 39	21° 4'18	12♏12	6°54	8°15	1°35	7° 3	8°12	23° 4	15°59	8°36	5°43	4°17	22° 7	9° 4	F 6
S 7	1 35 36	22° 4'05	25° 1	8°31	9°24	2°11	6°56	8°15	23° 2	16° 0	8°36	5°38	4°14	22°13	9° 2	S 7
S 8	1 39 32	23° 3'55	7♏28	10°10	10°33	2°47	6°48	8°18	22°59	16° 1	8°36	5°34	4°10	22°20	9° 1	S 8
M 9	1 43 29	24° 3'47	19°38	11°49	11°43	3°23	6°40	8°21	22°57	16° 2	8°36	5°D33	4° 7	22°27	8°59	M 9
T 10	1 47 25	25° 3'41	1♏35	13°28	12°52	3°59	6°32	8°25	22°54	16° 3	8°35	5°33	4° 4	22°33	8°57	T 10
W11	1 51 22	26° 3'37	13°25	15° 8	14° 2	4°35	6°25	8°28	22°52	16° 4	8°35	5°34	4° 1	22°40	8°55	W11
T 12	1 55 18	27° 3'35	25°12	16°48	15°12	5°11	6°17	8°32	22°49	16° 5	8°35	5°35	3°58	22°47	8°54	T 12
F 13	1 59 15	28° 3'36	7♏2	18°28	16°22	5°46	6° 9	8°36	22°47	16° 6	8°35	5°R36	3°55	22°53	8°52	F 13
S 14	2 3 11	29° 3'38	19° 0	20° 8	17°32	6°22	6° 1	8°39	22°44	16° 7	8°34	5°35	3°51	23° 0	8°50	S 14
S 15	2 7 8	0♏ 3'43	1♌ 9	21°48	18°42	6°58	5°52	8°43	22°42	16° 8	8°34	5°31	3°48	23° 7	8°49	S 15
M16	2 11 5	1° 3'50	13°32	23°28	19°52	7°33	5°44	8°47	22°40	16° 9	8°34	5°26	3°45	23°13	8°47	M16
T 17	2 15 1	2° 3'58	26°10	25° 8	21° 3	8° 9	5°36	8°51	22°37	16° 9	8°33	5°17	3°42	23°20	8°46	T 17
W18	2 18 58	3° 4'09	9♏ 4	26°47	22°13	8°44	5°28	8°55	22°35	16°10	8°33	5° 8	3°39	23°27	8°45	W18
T 19	2 22 54	4° 4'21	22°13	28°26	23°24	9°20	5°20	9° 0	22°32	16°11	8°32	4°57	3°36	23°33	8°43	T 19
F 20	2 26 51	5° 4'36	5♏36	0♏ 4	24°35	9°55	5°12	9° 4	22°30	16°12	8°32	4°46	3°32	23°40	8°42	F 20
S 21	2 30 47	6° 4'52	19°11	1°43	25°46	10°30	5° 4	9° 8	22°28	16°12	8°32	4°37	3°29	23°46	8°41	S 21
S 22	2 34 44	7° 5'09	2♏54	3°21	26°57	11° 5	4°55	9°13	22°25	16°13	8°31	4°30	3°26	23°53	8°40	S 22
M23	2 38 40	8° 5'28	16°46	4°58	28° 8	11°41	4°47	9°17	22°23	16°14	8°31	4°26	3°23	24° 0	8°39	M23
T 24	2 42 37	9° 5'49	0♏43	6°36	29°20	12°16	4°39	9°22	22°20	16°14	8°30	4°24	3°20	24° 6	8°38	T 24
W25	2 46 34	10° 6'11	14°47	8°12	0♏31	12°51	4°31	9°26	22°18	16°15	8°30	4°D24	3°16	24°13	8°37	W25
T 26	2 50 30	11° 6'34	28°55	9°49	1°43	13°26	4°23	9°31	22°16	16°15	8°29	4°R24	3°13	24°20	8°36	T 26
F 27	2 54 27	12° 6'58	13♏ 7	11°25	2°55	14° 1	4°15	9°36	22°14	16°16	8°28	4°24	3°10	24°26	8°35	F 27
S 28	2 58 23	13° 7'24	27°21	13° 1	4° 6	14°35	4° 7	9°41	22°11	16°16	8°28	4°22	3° 7	24°33	8°34	S 28
S 29	3 2 20	14° 7'51	11°Y34	14°37	5°18	15°10	3°59	9°46	22° 9	16°17	8°27	4°17	3° 4	24°40	8°33	S 29
M30	3 6 16	15° 8'20	25°43	16°12	6°30	15°45	3°51	9°51	22° 7	16°17	8°26	4°10	3° 1	24°46	8°33	M30
T 31	3 10 13	16♏ 8'50	9♏42	17♏47	7♏42	16♏20	3♏43	9♏56	22°Y 5	16♏18	8♏26	4♏ 0	2♏57	24♏53	8♏32	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	6s21	3n 5	2n17	2n 8	1n59	10n57	0n23	13n18	1n23	12n45	1s26	23s 3	0n13	8n30	0s36	16n23
M 2	6 44	9 49	3 23	1 34	2 1	10 37	0 27	13 6	1 24	12 43	1 26	23 3	0 13	8 30	0 36	16 23
T 3	7 7	15 57	4 14	0 59	2 2	10 15	0 31	12 54	1 24	12 40	1 27	23 3	0 13	8 29	0 36	16 23
W 4	7 30	21 6	4 49	0 22	2 2	9 54	0 35	12 41	1 24	12 38	1 27	23 3	0 13	8 28	0 36	16 22
T 5	7 52	24 59	5 7	0s16	2 1	9 32	0 39	12 29	1 25	12 35	1 27	23 3	0 13	8 27	0 36	16 22
F 6	8 15	27 24	5 7	0 56	1 59	9 10	0 43	12 16	1 25	12 33	1 27	23 3	0 13	8 26	0 36	16 22
S 7	8 37	28 17	4 52	1 36	1 56	8 47	0 47	12 4	1 26	12 30	1 27	23 3	0 13	8 25	0 36	16 21
S 8	9 0	27 40	4 23	2 18	1 53	8 24	0 50	11 51	1 26	12 28	1 27	23 3	0 12	8 24	0 36	16 21
M 9	9 22	25 44	3 42	3 0	1 50	8 1	0 54	11 38	1 27	12 25	1 27	23 3	0 12	8 23	0 36	16 21
T 10	9 44	22 41	2 53	3 42	1 46	7 38	0 57	11 26	1 27	12 23	1 27	23 3	0 12	8 22	0 36	16 20
W11	10 6	18 43	1 57	4 25	1 42	7 14	1 1	11 13	1 28	12 20	1 27	23 2	0 12	8 21	0 36	16 20
T 12	10 27	14 2	0 56	5 8	1 37	6 50	1 4	11 0	1 28	12 18	1 27	23 2	0 12	8 21	0 36	16 20
F 13	10 49	8 50	0s 8	5 51	1 32	6 26	1 7	10 48	1 28	12 15	1 27	23 2	0 12	8 20	0 36	16 19
S 14	11 11	3 16	1 12	6 33	1 27	6 1	1 10	10 35	1 29	12 12	1 26	23 2	0 12	8 19	0 36	16 19
S 15	11 32	2s29	2 13	7 16	1 21	5 36	1 13	10 22	1 29	12 10	1 26	23 2	0 12	8 18	0 36	16 19
M16	11 53	8 15	3 9	7 59	1 15	5 11	1 16	10 9	1 30	12 7	1 26	23 2	0 12	8 17	0 36	16 19
T 17	12 14	13 48	3 57	8 41	1 9	4 46	1 19	9 56	1 30	12 5	1 26	23 2	0 12	8 16	0 36	16 18
W18	12 34	18 53	4 34	9 23	1 3	4 20	1 21	9 43	1 31	12 2	1 26	23 1	0 12	8 15	0 36	16 18
T 19	12 55	23 9	4 57	10 4	0 57	3 55	1 24	9 30	1 31	11 59	1 26	23 1	0 11	8 14	0 36	16 18
F 20	13 15	26 17	5 4	10 45	0 50	3 29	1 26	9 17	1 31	11 57	1 26	23 1	0 11	8 13	0 36	16 18
S 21	13 35	27 58	4 54	11 25	0 44	3 3	1 29	9 4	1 32	11 54	1 26	23 1	0 11	8 13	0 36	16 18
S 22	13 55	27 57	4 28	12 5	0 37	2 36	1 31	8 51	1 32	11 51	1 26	23 1	0 11	8 12	0 36	16 17
M23	14 15	26 11	3 45	12 44	0 31	2 10	1 33	8 38	1 33	11 49	1 26	23 0	0 11	8 11	0 36	16 17
T 24	14 34	22 49	2 49	13 23	0 24	1 43	1 35	8 25	1 33	11 46	1 26	23 0	0 11	8 10	0 36	16 17
W25	14 54	18 5	1 43	14 1	0 17	1 17	1 37	8 12	1 34	11 43	1 26	23 0	0 11	8 9	0 36	16 17
T 26	15 13	12 21	0 29	14 38	0 11	0 50	1 39	7 59	1 34	11 41	1 25	23 0	0 11	8 8	0 36	16 17
F 27	15 31	5 57	0n46	15 15	0 4	0 23	1 41	7 46	1 34	11 38	1 25	22 59	0 11	8 7	0 36	16 17
S 28	15 50	0n46	1 59	15 50	0s 3	0s 4	1 43	7 33	1 35	11 36	1 25	22 59	0 11	8 7	0 36	16 17
S 29	16 8	7 25	3 4	16 26	0 9	0 31	1 44	7 20	1 35	11 33	1 25	22 59	0 11	8 6	0 36	16 16
M30	16 26	13 39	3 57	17 0	0 16	0 58	1 46	7 6	1 36	11 31	1 25	22 59	0 10	8 5	0 36	16 16
T 31	16s43	19n 7	4n35	17s33	0s23	1s26	1n47	6n53	1n36	11n28	1s25	22s58	0n10	8n 4	0s36	16n16

Julian Day Number = 2243638.5, Delta T = 07m03s

Ecliptic obliquity = 23°30'56", Nutation = 0°00'06", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°47'56", Lahiri = 15°54'57" Julian Calendar 1 Oct. 1430 == Greg. Calendar 10 Oct. 1430

ASTRODIENST EPHEMERIS for the year 1430
geocentric

NOVEMBER 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	3 14 9	17 ¹¹ 9'22	23 ⁸ 28	19 ¹¹ 22	8 ⁵⁵ 55	16 ¹¹ 54	3 ⁰ R36	10 ³ 1	22 ⁰ R 3	16 ¹¹ 18	8 ⁰ R25	3 ⁰ R48	2 ¹¹ 54	25 ⁰ 0	8 ⁰ R31	W 1
T 2	3 18 6	18 ⁰ 9'56	6 ¹¹ 56	20 ⁰ 57	10 ⁰ 7	17 ⁰ 29	3 ⁰ 28	10 ⁰ 6	22 ⁰ Y 0	16 ⁰ 18	8 ⁰ 24	3 ⁰ 35	2 ⁰ 51	25 ⁰ 6	8 ⁰ 31	T 2
F 3	3 22 3	19 ⁰ 10'31	20 ⁰ 3	22 ⁰ 31	11 ⁰ 19	18 ⁰ 3	3 ⁰ 20	10 ⁰ 11	21 ⁰ 58	16 ⁰ 19	8 ⁰ 24	3 ⁰ 23	2 ⁰ 48	25 ⁰ 13	8 ⁰ 30	F 3
S 4	3 25 59	20 ⁰ 11'08	2 ⁰ 50	24 ⁰ 5	12 ⁰ 32	18 ⁰ 37	3 ⁰ 13	10 ⁰ 16	21 ⁰ 56	16 ⁰ 19	8 ⁰ 23	3 ⁰ 13	2 ⁰ 45	25 ⁰ 20	8 ⁰ 30	S 4
S 5	3 29 56	21 ⁰ 11'46	15 ⁰ 17	25 ⁰ 39	13 ⁰ 44	19 ⁰ 12	3 ⁰ 6	10 ⁰ 22	21 ⁰ 54	16 ⁰ 19	8 ⁰ 22	3 ⁰ 6	2 ⁰ 41	25 ⁰ 26	8 ⁰ 30	S 5
M 6	3 33 52	22 ⁰ 12'26	27 ⁰ 27	27 ⁰ 13	14 ⁰ 57	19 ⁰ 46	2 ⁰ 58	10 ⁰ 27	21 ⁰ 52	16 ⁰ 19	8 ⁰ 21	3 ⁰ 1	2 ⁰ 38	25 ⁰ 33	8 ⁰ 29	M 6
T 7	3 37 49	23 ⁰ 13'08	9 ⁰ 25	28 ⁰ 47	16 ⁰ 10	20 ⁰ 20	2 ⁰ 51	10 ⁰ 33	21 ⁰ 50	16 ⁰ 19	8 ⁰ 20	2 ⁰ 58	2 ⁰ 35	25 ⁰ 39	8 ⁰ 29	T 7
W 8	3 41 45	24 ⁰ 13'51	21 ⁰ 14	0 ⁰ 20	17 ⁰ 23	20 ⁰ 54	2 ⁰ 44	10 ⁰ 38	21 ⁰ 48	16 ⁰ 19	8 ⁰ 20	2 ⁰ D57	2 ⁰ 32	25 ⁰ 46	8 ⁰ 29	W 8
T 9	3 45 42	25 ⁰ 14'36	3 ⁰ 11	1 ⁰ 53	18 ⁰ 35	21 ⁰ 28	2 ⁰ 37	10 ⁰ 44	21 ⁰ 46	16 ⁰ 19	8 ⁰ 19	2 ⁰ R57	2 ⁰ 29	25 ⁰ 53	8 ⁰ 29	T 9
F 10	3 49 38	26 ⁰ 15'23	14 ⁰ 53	3 ⁰ 27	19 ⁰ 48	22 ⁰ 2	2 ⁰ 30	10 ⁰ 50	21 ⁰ 44	16 ⁰ R19	8 ⁰ 18	2 ⁰ 57	2 ⁰ 26	25 ⁰ 59	8 ⁰ 29	F 10
S 11	3 53 35	27 ⁰ 16'10	26 ⁰ 52	5 ⁰ 0	21 ⁰ 2	22 ⁰ 36	2 ⁰ 23	10 ⁰ 55	21 ⁰ 42	16 ⁰ 19	8 ⁰ 17	2 ⁰ 55	2 ⁰ 22	26 ⁰ 6	8 ⁰ D29	S 11
S 12	3 57 32	28 ⁰ 17'00	9 ⁰ 5	6 ⁰ 33	22 ⁰ 15	23 ⁰ 10	2 ⁰ 17	11 ⁰ 1	21 ⁰ 41	16 ⁰ 19	8 ⁰ 16	2 ⁰ 51	2 ⁰ 19	26 ⁰ 13	8 ⁰ 29	S 12
M13	4 1 28	29 ⁰ 17'51	21 ⁰ 36	8 ⁰ 6	23 ⁰ 28	23 ⁰ 44	2 ⁰ 10	11 ⁰ 7	21 ⁰ 39	16 ⁰ 19	8 ⁰ 15	2 ⁰ 44	2 ⁰ 16	26 ⁰ 19	8 ⁰ 29	M13
T 14	4 5 25	0 ⁰ 18'43	4 ⁰ 11	9 ⁰ 39	24 ⁰ 41	24 ⁰ 17	2 ⁰ 4	11 ⁰ 13	21 ⁰ 37	16 ⁰ 19	8 ⁰ 14	2 ⁰ 34	2 ⁰ 13	26 ⁰ 26	8 ⁰ 29	T 14
W15	4 9 21	1 ⁰ 19'37	17 ⁰ 39	11 ⁰ 11	25 ⁰ 54	24 ⁰ 51	1 ⁰ 58	11 ⁰ 19	21 ⁰ 35	16 ⁰ 19	8 ⁰ 13	2 ⁰ 22	2 ⁰ 10	26 ⁰ 33	8 ⁰ 29	W15
T 16	4 13 18	2 ⁰ 20'32	1 ⁰ 11	12 ⁰ 44	27 ⁰ 8	25 ⁰ 24	1 ⁰ 52	11 ⁰ 25	21 ⁰ 34	16 ⁰ 19	8 ⁰ 12	2 ⁰ 8	2 ⁰ 7	26 ⁰ 39	8 ⁰ 29	T 16
F 17	4 17 14	3 ⁰ 21'28	15 ⁰ 0	14 ⁰ 16	28 ⁰ 21	25 ⁰ 58	1 ⁰ 46	11 ⁰ 31	21 ⁰ 32	16 ⁰ 19	8 ⁰ 11	1 ⁰ 55	2 ⁰ 3	26 ⁰ 46	8 ⁰ 30	F 17
S 18	4 21 11	4 ⁰ 22'25	29 ⁰ 1	15 ⁰ 49	29 ⁰ 35	26 ⁰ 31	1 ⁰ 40	11 ⁰ 37	21 ⁰ 30	16 ⁰ 18	8 ⁰ 10	1 ⁰ 44	2 ⁰ 0	26 ⁰ 53	8 ⁰ 30	S 18
S 19	4 25 7	5 ⁰ 23'23	13 ⁰ 11	17 ⁰ 21	0 ⁰ 48	27 ⁰ 4	1 ⁰ 35	11 ⁰ 43	21 ⁰ 29	16 ⁰ 18	8 ⁰ 9	1 ⁰ 34	1 ⁰ 57	26 ⁰ 59	8 ⁰ 31	S 19
M20	4 29 4	6 ⁰ 24'22	27 ⁰ 24	18 ⁰ 53	2 ⁰ 2	27 ⁰ 37	1 ⁰ 29	11 ⁰ 49	21 ⁰ 27	16 ⁰ 18	8 ⁰ 8	1 ⁰ 28	1 ⁰ 54	27 ⁰ 6	8 ⁰ 31	M20
T 21	4 33 1	7 ⁰ 25'21	11 ⁰ 37	20 ⁰ 25	3 ⁰ 16	28 ⁰ 10	1 ⁰ 24	11 ⁰ 55	21 ⁰ 26	16 ⁰ 17	8 ⁰ 7	1 ⁰ 25	1 ⁰ 51	27 ⁰ 12	8 ⁰ 32	T 21
W22	4 36 57	8 ⁰ 26'22	25 ⁰ 46	21 ⁰ 57	4 ⁰ 29	28 ⁰ 43	1 ⁰ 19	12 ⁰ 2	21 ⁰ 24	16 ⁰ 17	8 ⁰ 6	1 ⁰ 24	1 ⁰ 47	27 ⁰ 19	8 ⁰ 32	W22
T 23	4 40 54	9 ⁰ 27'22	9 ⁰ 52	23 ⁰ 28	5 ⁰ 43	29 ⁰ 16	1 ⁰ 14	12 ⁰ 8	21 ⁰ 23	16 ⁰ 17	8 ⁰ 5	1 ⁰ 24	1 ⁰ 44	27 ⁰ 26	8 ⁰ 33	T 23
F 24	4 44 50	10 ⁰ 28'23	23 ⁰ 52	25 ⁰ 0	6 ⁰ 57	29 ⁰ 49	1 ⁰ 9	12 ⁰ 14	21 ⁰ 21	16 ⁰ 16	8 ⁰ 4	1 ⁰ 24	1 ⁰ 41	27 ⁰ 32	8 ⁰ 34	F 24
S 25	4 48 47	11 ⁰ 29'25	7 ⁰ 47	26 ⁰ 30	8 ⁰ 11	0 ⁰ 21	1 ⁰ 5	12 ⁰ 21	21 ⁰ 20	16 ⁰ 16	8 ⁰ 3	1 ⁰ 22	1 ⁰ 38	27 ⁰ 39	8 ⁰ 35	S 25
S 26	4 52 43	12 ⁰ 30'27	21 ⁰ 36	28 ⁰ 1	9 ⁰ 25	0 ⁰ 54	1 ⁰ 0	12 ⁰ 27	21 ⁰ 19	16 ⁰ 15	8 ⁰ 2	1 ⁰ 17	1 ⁰ 35	27 ⁰ 46	8 ⁰ 35	S 26
M27	4 56 40	13 ⁰ 31'30	5 ⁰ 18	29 ⁰ 30	10 ⁰ 39	1 ⁰ 26	0 ⁰ 56	12 ⁰ 34	21 ⁰ 18	16 ⁰ 15	8 ⁰ 1	1 ⁰ 9	1 ⁰ 32	27 ⁰ 52	8 ⁰ 36	M27
T 28	5 0 36	14 ⁰ 32'33	18 ⁰ 51	1 ⁰ 0	11 ⁰ 53	1 ⁰ 58	0 ⁰ 52	12 ⁰ 40	21 ⁰ 16	16 ⁰ 14	7 ⁰ 59	0 ⁰ 58	1 ⁰ 28	27 ⁰ 59	8 ⁰ 37	T 28
W29	5 4 33	15 ⁰ 33'37	2 ⁰ 12	2 ⁰ 28	13 ⁰ 7	2 ⁰ 31	0 ⁰ 49	12 ⁰ 47	21 ⁰ 15	16 ⁰ 13	7 ⁰ 58	0 ⁰ 46	1 ⁰ 25	28 ⁰ 6	8 ⁰ 38	W29
T 30	5 8 30	16 ⁰ 34'42	15 ⁰ 20	3 ⁰ 55	14 ⁰ 21	3 ⁰ 3	0 ⁰ 45	12 ⁰ 53	21 ⁰ 14	16 ⁰ 13	7 ⁰ 57	0 ⁰ 45	1 ⁰ 24	28 ⁰ 12	8 ⁰ 39	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s 1	23n29	4n56	18s 6	0s29	1s53	1n49	6n40	1n37	11n26	1s25	22s58	0n10	8n 3	0s36	16n16	0n17	21n36	1s39	10s 9	10s28	13n54	3s52	4n54			
T 2	17 18	26 28	5 1	18 37	0 36	2 20	1 50	6 27	1 37	11 23	1 24	22 58	0 10	8 3	0 36	16 16	0 17	21 36	1 39	10 13	10 29	13 51	3 52	4 53			
F 3	17 34	27 56	4 49	19 8	0 42	2 48	1 51	6 14	1 37	11 21	1 24	22 57	0 10	8 2	0 36	16 16	0 17	21 36	1 39	10 18	10 31	13 48	3 53	4 53			
S 4	17 51	27 52	4 23	19 38	0 48	3 15	1 52	6 1	1 38	11 18	1 24	22 57	0 10	8 1	0 36	16 16	0 17	21 36	1 39	10 21	10 32	13 45	3 53	4 53			
S 5	18 7	26 21	3 44	20 7	0 54	3 42	1 53	5 48	1 38	11 16	1 24	22 57	0 10	8 0	0 36	16 16	0 17	21 36	1 39	10 24	10 33	13 42	3 54	4 52			
M 6	18 23	23 37	2 56	20 35	1 0	4 10	1 54	5 35	1 39	11 14	1 24	22 56	0 10	8 0	0 36	16 16	0 17	21 37	1 39	10 26	10 34	13 39	3 54	4 52			
T 7	18 38	19 54	2 1	21 2	1 6	4 37	1 54	5 22	1 39	11 12	1 23	22 56	0 10	7 59	0 36	16 16	0 17	21 37	1 39	10 27	10 35	13 36	3 54	4 52			
W 8	18 53	15 26	1 2	21 28	1 12	5 4	1 55	5 8	1 40	11 9	1 23	22 56	0 10	7 58	0 36	16 16	0 17	21 37	1 39	10 27	10 36	13 33	3 55	4 51			
T 9	19 8	10 25	0s 0	21 52	1 18	5 32	1 55	4 55	1 40	11 7	1 23	22 55	0 10	7 57	0 36	16 16	0 17	21 37	1 39	10 27	10 37	13 29	3 55	4 51			
F 10	19 23	5 1	1 3	22 16	1 23	5 59	1 56	4 42	1 40	11 5	1 23	22 55	0 9	7 57	0 36	16 16	0 17	21 37	1 39	10 27	10 39	13 26	3 55	4 51			
S 11	19 37	0s38	2 3	22 39	1 28	6 26	1 56	4 29	1 41	11 3	1 23	22 55	0 9	7 56	0 36	16 16	0 17	21 37	1 39	10 28	10 40	13 23	3 56	4 50			
S 12	19 50	6 21	2 59	23 0	1 33	6 53	1 57	4 16	1 41	11 1	1 22	22 54	0 9	7 55	0 36	16 16	0 17	21 37	1 39	10 29	10 41	13 20	3 56	4 50			
M13	20 4	11 57	3 47	23 21	1 38	7 20	1 57	4 3	1 42	10 59	1 22	22 54	0 9	7 55	0 36	16 16	0 17	21 37	1 39	10 32	10 42	13 17	3 56	4 50			
T 14	20 17	17 12	4 25	23 40	1 43	7 47	1 57	3 50	1 42	10 57	1 22	22 53	0 9	7 54	0 36	16 16	0 17	21 37	1 39	10 36	10 43	13 14	3 57	4 49			
W15	20 29	21 47	4 50	23 58	1 47	8 14	1 57	3 37	1 43	10 55	1 22	22 53	0 9	7 53	0 36	16 16	0 17	21 37	1 38	10 40	10 44	13 11	3 57	4 49			
T 16	20 42	25 21	5 0	24 15	1 52	8 40	1 57	3 24	1 43	10 53	1 21	22 52	0 9	7 53	0 36	16 16	0 17	21 37	1 38	10 45	10 45	13 8	3 57	4 49			
F 17	20 54	27 31	4 52	24 30	1 56	9 7	1 56	3 12	1 43	10 51	1 21	22 52	0 9	7 52	0 36	16 16	0 17	21 38	1 38	10 49	10 47	13 5	3 57	4 48			
S 18	21 5	27 58	4 27	24 44	1 59	9 33	1 56	2 59	1 44	10 50	1 21	22 52	0 9	7 52	0 36	16 16	0 17	21 38	1 38	10 54	10 48	13 2	3 57	4 48			
S 19	21 16	26 36	3 45	24 57	2 3	9 59	1 56	2 46	1 44	10 48	1 21	22 51	0 9	7 51	0 35	16 17	0 17	21 38	1 38	10 57	10 49	12 58	3 58	4 48			
M20	21 27	23 31	2 49	25 8	2 6	10 25	1 55	2 33	1 45	10 46	1 20	22 51	0 9	7 51	0 35	16 17	0 17	21 38	1 38	10 59	10 50	12 55	3 58	4 47			
T 21	21 37	19 0	1 43	25 18	2 9	10 51	1 55	2 20	1 45	10 45	1 20	22 50	0 9	7 50	0 35	16 17	0 17	21 38	1 38	11 0	10 51	12 52	3 58	4 47			
W22	21 47	13 26	0 30	25 27	2 11	11 16	1 54	2 8	1 46	10 43	1 20	22 50	0 8	7 50	0 35	16 17	0 17	21 38	1 38	11 1	10 52	12 49	3 58	4 47			
T 23	21 56	7 12	0n45	25 34	2 13	11 41	1 53	1 55	1 46	10 42	1 20	22 49	0 8	7 49	0 35	16 17	0 17	21 38	1 38	11 1	10 53	12 46	3 58	4 46			
F 24	22 5	0 40	1 56	25 40	2 15	12 6	1 53	1 42	1 47	10 40	1 19	22 49	0 8	7 49	0 35	16 17	0 17	21 38	1 38	11 1	10 55	12 43	3 58	4 46			
S 25	22 14	5n51	3 0	25 44	2 16	12 31	1 52	1 30	1 47	10 39	1 19	22 48	0 8	7 48	0 35	16 17	0 17	21 38	1 38	11 2	10 56	12 40	3 58	4 46			
S 26	22 22	12 2	3 52	25 47	2 17	12 55	1 51	1 17	1 47	10 38	1 19	22 48	0 8	7 48	0 35	16 18	0 17	21 38	1 38	11 3	10 57	12 37	3 58	4 45			
M27	22 30	17 35	4 31	25 48	2 17	13 20	1 50	1 5	1 48	10 37	1 19	22 47	0 8	7 47	0 35	16 18	0 17	21 39	1 38	11 6	10 58	12 34	3 58	4 45			
T 28	22 37	22 12	4 54	25 48	2 17	13 43	1 49	0 52	1 48	10 36	1 18	22 47	0 8	7 47	0 35	16 18	0 17	21 39	1 38	11 10	10 59	12 30	3 58	4 45			
W29	22 44	25 35	5 1	25 46	2 16	14 7	1 48	0 40	1 49	10 34	1 18	22 46	0 8	7 46	0 35	16 18	0 18	21 39	1 38	11 14	11 0	12 27	3 58	4 44			
T 30	22s50	27n32	4n51	25s42	2s15	14s30	1n46	0n27	1n49	10n33	1s18	22s45	0n 8	7n46	0s35	16n18	0n18	21n39	1s38	11s19	11s 1	12n24	3s58	4n44			

ASTRODIENST EPHEMERIS for the year 1430
geocentric

DECEMBER 1430 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	5 12 26	17°35'47	28°11'13	5°21'13	15°13'35	3°45'35	0°R42	13°30'0	21°R13	16°R12	7°R56	0°R20	1°R19	28°11'19	8°41'41	F 1
S 2	5 16 23	18°36'53	10°49'49	6°46'46	16°49'49	4°7'47	0°B38	13°7'13	21°Y12	16°11'11	7°55'55	0°H9	1°16'16	28°26'26	8°42'42	S 2
S 3	5 20 19	19°37'59	23°10'10	8°9'09	18°3'03	4°38'38	0°35'35	13°13'13	21°11'11	16°11'11	7°54'54	0°1'01	1°13'13	28°32'32	8°43'43	S 3
M 4	5 24 16	20°39'06	5°12'17	9°30'30	19°17'17	5°10'10	0°33'33	13°20'20	21°10'10	16°10'10	7°53'53	29°55'55	1°9'09	28°39'39	8°44'44	M 4
T 5	5 28 12	21°40'14	17°13'13	10°49'49	20°32'32	5°42'42	0°30'30	13°27'27	21°9'09	16°9'09	7°51'51	29°52'52	1°6'06	28°46'46	8°44'44	T 5
W 6	5 32 9	22°41'23	29°2'02	12°5'05	21°46'46	6°13'13	0°28'28	13°34'34	21°8'08	16°8'08	7°50'50	29°D52	1°3'03	28°52'52	8°47'47	W 6
T 7	5 36 6	23°42'31	10°49'49	13°18'18	23°0'00	6°44'44	0°25'25	13°40'40	21°8'08	16°7'07	7°49'49	29°52'52	1°0'00	28°59'59	8°49'49	T 7
F 8	5 40 2	24°43'41	22°39'39	14°27'27	24°15'15	7°15'15	0°23'23	13°47'47	21°7'07	16°6'06	7°48'48	29°R52	0°57'57	29°5'05	8°50'50	F 8
S 9	5 43 59	25°44'51	4°45'45	15°32'32	25°29'29	7°46'46	0°22'22	13°54'54	21°6'06	16°5'05	7°46'46	29°52'52	0°53'53	29°12'12	8°52'52	S 9
S 10	5 47 55	26°46'02	16°50'50	16°32'32	26°43'43	8°17'17	0°20'20	14°1'01	21°6'06	16°5'05	7°45'45	29°50'50	0°50'50	29°19'19	8°53'53	S 10
M 11	5 51 52	27°47'13	29°22'22	17°26'26	27°58'58	8°48'48	0°19'19	14°8'08	21°5'05	16°4'04	7°44'44	29°45'45	0°47'47	29°25'25	8°55'55	M 11
T 12	5 55 48	28°48'24	12°17'17	18°14'14	29°12'12	9°19'19	0°17'17	14°15'15	21°4'04	16°3'03	7°43'43	29°38'38	0°44'44	29°32'32	8°57'57	T 12
W 13	5 59 45	29°49'37	25°37'37	18°54'54	0°27'27	9°49'49	0°17'17	14°22'22	21°4'04	16°2'02	7°41'41	29°29'29	0°41'41	29°39'39	8°59'59	W 13
T 14	6 3 41	0°50'49	9°21'21	19°26'26	1°41'41	10°20'20	0°16'16	14°29'29	21°4'04	16°0'00	7°40'40	29°19'19	0°38'38	29°45'45	9°0'00	T 14
F 15	6 7 38	1°52'02	23°29'29	19°48'48	2°56'56	10°50'50	0°15'15	14°36'36	21°3'03	15°59'59	7°39'39	29°9'09	0°34'34	29°52'52	9°2'02	F 15
S 16	6 11 35	2°53'14	7°54'54	20°1'01	4°10'10	11°20'20	0°15'15	14°43'43	21°3'03	15°58'58	7°38'38	29°0'00	0°31'31	29°59'59	9°4'04	S 16
S 17	6 15 31	3°54'27	22°31'31	20°R 2	5°25'25	11°50'50	0°D15	14°50'50	21°3'03	15°57'57	7°36'36	28°53'53	0°28'28	0°5'05	9°6'06	S 17
M 18	6 19 28	4°55'40	7°11'11	19°53'53	6°40'40	12°20'20	0°15'15	14°57'57	21°2'02	15°56'56	7°35'35	28°48'48	0°25'25	0°12'12	9°8'08	M 18
T 19	6 23 24	5°56'52	21°49'49	19°31'31	7°54'54	12°49'49	0°15'15	15°4'04	21°2'02	15°55'55	7°34'34	28°46'46	0°22'22	0°19'19	9°10'10	T 19
W 20	6 27 21	6°58'04	6°19'19	18°57'57	9°9'09	13°19'19	0°16'16	15°11'11	21°2'02	15°54'54	7°33'33	28°D46	0°19'19	0°25'25	9°12'12	W 20
T 21	6 31 17	7°59'15	20°37'37	18°12'12	10°24'24	13°48'48	0°16'16	15°18'18	21°2'02	15°52'52	7°31'31	28°47'47	0°15'15	0°32'32	9°15'15	T 21
F 22	6 35 14	9°0'26	4°17'17	17°17'17	11°38'38	14°17'17	0°17'17	15°25'25	21°D 2	15°51'51	7°30'30	28°R48	0°12'12	0°39'39	9°17'17	F 22
S 23	6 39 10	10°1'36	18°31'31	16°12'12	12°53'53	14°46'46	0°19'19	15°32'32	21°2'02	15°50'50	7°29'29	28°48'48	0°9'09	0°45'45	9°19'19	S 23
S 24	6 43 7	11°2'46	2°8'08	15°0'00	14°7'07	15°15'15	0°20'20	15°39'39	21°2'02	15°49'49	7°28'28	28°46'46	0°6'06	0°52'52	9°22'22	S 24
M 25	6 47 4	12°3'56	15°30'30	13°44'44	15°22'22	15°43'43	0°21'21	15°46'46	21°2'02	15°47'47	7°26'26	28°41'41	0°3'03	0°58'58	9°24'24	M 25
T 26	6 51 0	13°5'04	12°40'40	12°24'24	16°37'37	16°12'12	0°23'23	15°53'53	21°3'03	15°46'46	7°25'25	28°35'35	29°59'59	1°5'05	9°26'26	T 26
W 27	6 54 57	14°6'12	11°11'11	11°5'05	17°52'52	16°40'40	0°25'25	16°0'00	21°3'03	15°44'44	7°24'24	28°27'27	29°56'56	1°12'12	9°29'29	W 27
T 28	6 58 53	15°7'20	24°23'23	9°48'48	19°6'06	17°8'08	0°27'27	16°7'07	21°3'03	15°43'43	7°23'23	28°19'19	29°53'53	1°18'18	9°31'31	T 28
F 29	7 2 50	16°8'27	6°56'56	8°35'35	20°21'21	17°36'36	0°30'30	16°15'15	21°3'03	15°42'42	7°21'21	28°11'11	29°50'50	1°25'25	9°34'34	F 29
S 30	7 6 46	17°9'34	19°17'17	7°29'29	21°36'36	18°3'03	0°32'32	16°22'22	21°4'04	15°40'40	7°20'20	28°4'04	29°47'47	1°32'32	9°36'36	S 30
S 31	7 10 43	18°10'40	1°12'27	6°31'31	22°15'15	18°45'45	0°B35	16°32'32	21°Y 4	15°13'39	7°19'19	27°59'59	29°44'44	1°38'38	9°43'43	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	22s56	27n57	4n27	25s37	2s13	14s53	1n45	0n15	1n50	10n33	1s17	22s45	0n8	7n46	0s35	16n19
S 2	23 2	26 53	3 49	25 31	2 10	15 16	1 44	0 3	1 50	10 32	1 17	22 44	0 8	7 45	0 35	16 19
S 3	23 7	24 30	3 2	25 23	2 7	15 38	1 42	0s10	1 50	10 31	1 17	22 44	0 8	7 45	0 35	16 19
M 4	23 11	21 3	2 7	25 13	2 3	15 59	1 41	0 22	1 51	10 30	1 16	22 43	0 8	7 45	0 35	16 19
T 5	23 15	16 47	1 7	25 2	1 58	16 21	1 39	0 34	1 51	10 30	1 16	22 43	0 7	7 44	0 35	16 20
W 6	23 19	11 55	0 4	24 50	1 53	16 42	1 37	0 46	1 52	10 29	1 16	22 42	0 7	7 44	0 35	16 20
T 7	23 22	6 38	0s58	24 36	1 46	17 2	1 36	0 58	1 52	10 29	1 16	22 41	0 7	7 44	0 35	16 20
F 8	23 25	1 7	1 59	24 22	1 38	17 22	1 34	1 10	1 53	10 28	1 15	22 41	0 7	7 44	0 35	16 20
S 9	23 27	4s31	2 55	24 6	1 30	17 42	1 32	1 22	1 53	10 28	1 15	22 40	0 7	7 43	0 35	16 21
S 10	23 29	10 5	3 44	23 49	1 20	18 1	1 30	1 34	1 54	10 28	1 15	22 39	0 7	7 43	0 35	16 21
M 11	23 30	15 23	4 23	23 31	1 9	18 20	1 28	1 45	1 54	10 27	1 14	22 39	0 7	7 43	0 35	16 21
T 12	23 31	20 11	4 51	23 13	0 57	18 38	1 26	1 57	1 54	10 27	1 14	22 38	0 7	7 43	0 35	16 22
W 13	23 31	24 8	5 4	22 54	0 44	18 56	1 24	2 9	1 55	10 27	1 14	22 37	0 7	7 43	0 35	16 22
T 14	23 31	26 52	5 0	22 36	0 30	19 13	1 22	2 20	1 55	10 27	1 13	22 37	0 7	7 42	0 35	16 22
F 15	23 30	27 59	4 38	22 17	0 14	19 30	1 20	2 32	1 56	10 27	1 13	22 36	0 7	7 42	0 35	16 23
S 16	23 29	27 14	3 58	21 59	0n 2	19 46	1 18	2 43	1 56	10 28	1 13	22 35	0 7	7 42	0 35	16 23
S 17	23 27	24 37	3 2	21 41	0 20	20 2	1 16	2 54	1 57	10 28	1 12	22 35	0 7	7 42	0 35	16 23
M 18	23 25	20 22	1 53	21 24	0 38	20 17	1 13	3 5	1 57	10 28	1 12	22 34	0 6	7 42	0 35	16 24
T 19	23 23	14 52	0 37	21 9	0 57	20 32	1 11	3 17	1 57	10 29	1 12	22 33	0 6	7 42	0 34	16 24
W 20	23 20	8 36	0n41	20 54	1 17	20 46	1 9	3 28	1 58	10 29	1 12	22 33	0 6	7 42	0 34	16 24
T 21	23 16	1 58	1 55	20 41	1 36	20 59	1 6	3 39	1 58	10 30	1 11	22 32	0 6	7 42	0 34	16 25
F 22	23 12	4n38	3 1	20 30	1 55	21 12	1 4	3 49	1 59	10 30	1 11	22 31	0 6	7 42	0 34	16 25
S 23	23 8	10 54	3 56	20 20	2 13	21 24	1 1	4 0	1 59	10 31	1 11	22 30	0 6	7 42	0 34	16 26
S 24	23 3 16	33 4	36 20	11 2	30 21	35 0	59 4	11 2	0 10	32 1	10 22	30 0	6 7	42 0	34 16	26 0
M 25	22 58	21 19	5 0	20 4	2 45	21 46	0 57	4 22	2 0	10 32	1 10	22 29	0 6	7 42	0 34	16 26
T 26	22 52	24 56	5 8	19 59	2 58	21 57	0 54	4 32	2 1	10 33	1 10	22 28	0 6	7 42	0 34	16 27
W 27	22 46	27 12	5 0	19 55	3 8	22 6	0 51	4 43	2 1	10 34	1 9	22 27	0 6	7 43	0 34	16 27
T 28	22 38	28 1	4 37	19 53	3 16	22 15	0 49	4 53	2 1	10 35	1 9	22 27	0 6	7 43	0 34	16 28
F 29	22 32	27 21	4 1	19 53	3 22	22 24	0 46	5 3	2 2	10 37	1 9	22 26	0 6	7 43	0 34	16 28
S 30	22 25	25 20	3 14	19 53	3 25	22 31	0 44	5 13	2 2	10 38	1 8	22 25	0 6	7 43	0 34	16 29
S 31	22s17	22n 9	2n19	19s56	3n26	22s38	0n41	5s23	2n 3	10n39	1s 8	22s24	0n 6	7n43	0s34	16n29

Julian Day Number = 2243699.5, Delta T = 07m03s

Ecliptic obliquity = 23°30'55, Nutation = 0°00'07, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°48'04, Lahiri = 15°55'05 Julian Calendar 1 Dec. 1430 == Greg. Calendar 10 Dec. 1430