Astrodienst Ephemeris Tables

for the year 1412

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 AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

ASTRODIENST EPHEMERIS for the year 1412
geocentric

JANUARY 1412 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 13 5	18♑48'16	5♌13	24♐59	10♑36	8°R19	12♎15	18°R29	7♒51	2°R18	15°R56	5°R17	7♓11	8♋42	22♎13	F 1
S 2	7 17 2	19°49'21	17°10	25°47	11°51	8♍19	12°18	18♉28	7°54	2♋17	15♊55	5♓13	7° 7	8°49	22°16	S 2
S 3	7 20 58	20°50'25	29°12	26°39	13° 6	8°17	12°21	18°27	7°57	2°15	15°54	5°11	7° 4	8°55	22°19	S 3
M 4	7 24 55	21°51'28	11♍24	27°34	14°22	8°15	12°24	18°26	8° 1	2°14	15°53	5°D11	7° 1	9° 2	22°22	M 4
T 5	7 28 52	22°52'32	23°47	28°33	15°37	8°12	12°27	18°26	8° 4	2°12	15°52	5°12	6°58	9° 9	22°25	T 5
W 6	7 32 48	23°53'34	6♎26	29°34	16°52	8° 8	12°29	18°25	8° 8	2°10	15°51	5°13	6°55	9°15	22°28	W 6
T 7	7 36 45	24°54'36	19°24	0♑39	18° 8	8° 4	12°32	18°24	8°11	2° 9	15°50	5°R15	6°52	9°22	22°30	T 7
F 8	7 40 41	25°55'38	2♏46	1°45	19°23	7°59	12°34	18°24	8°14	2° 7	15°49	5°14	6°48	9°29	22°33	F 8
S 9	7 44 38	26°56'39	16°33	2°54	20°39	7°53	12°36	18°24	8°18	2° 6	15°48	5°13	6°45	9°35	22°35	S 9
S 10	7 48 34	27°57'40	0♐46	4° 5	21°54	7°46	12°38	18°23	8°21	2° 4	15°47	5° 9	6°42	9°42	22°37	S 10
M11	7 52 31	28°58'40	15°25	5°18	23° 9	7°38	12°40	18°D23	8°25	2° 3	15°47	5° 5	6°39	9°49	22°39	M11
T 12	7 56 28	29°59'39	0♑23	6°33	24°25	7°29	12°41	18°23	8°28	2° 1	15°46	4°59	6°36	9°56	22°41	T 12
W13	8 0 24	1♒ 0'38	15°33	7°49	25°40	7°20	12°42	18°23	8°32	2° 0	15°45	4°54	6°33	10° 2	22°43	W13
T 14	8 4 21	2° 1'35	0♒46	9° 6	26°55	7°10	12°43	18°24	8°35	1°58	15°44	4°50	6°29	10° 9	22°45	T 14
F 15	8 8 17	3° 2'32	15°50	10°25	28°11	6°59	12°44	18°24	8°39	1°57	15°43	4°47	6°26	10°16	22°46	F 15
S 16	8 12 14	4° 3'27	0♓37	11°45	29°26	6°47	12°45	18°24	8°42	1°56	15°43	4°D46	6°23	10°22	22°48	S 16
S 17	8 16 10	5° 4'21	15° 0	13° 6	0♒41	6°35	12°46	18°25	8°46	1°54	15°42	4°46	6°20	10°29	22°49	S 17
M18	8 20 7	6° 5'13	28°56	14°29	1°56	6°22	12°46	18°26	8°49	1°53	15°41	4°47	6°17	10°36	22°50	M18
T 19	8 24 3	7° 6'04	12♈25	15°52	3°12	6° 8	12°R46	18°27	8°53	1°52	15°41	4°49	6°13	10°42	22°51	T 19
W20	8 28 0	8° 6'54	25°27	17°17	4°27	5°53	12°46	18°28	8°56	1°50	15°40	4°50	6°10	10°49	22°52	W20
T 21	8 31 57	9° 7'42	8♉ 7	18°43	5°42	5°38	12°46	18°29	9° 0	1°49	15°39	4°R51	6° 7	10°56	22°53	T 21
F 22	8 35 53	10° 8'29	20°29	20° 9	6°57	5°21	12°45	18°30	9° 3	1°48	15°39	4°50	6° 4	11° 3	22°54	F 22
S 23	8 39 50	11° 9'14	2♊37	21°37	8°13	5° 5	12°45	18°31	9° 7	1°46	15°38	4°49	6° 1	11° 9	22°55	S 23
S 24	8 43 46	12° 9'57	14°35	23° 5	9°28	4°47	12°44	18°32	9°10	1°45	15°37	4°46	5°58	11°16	22°55	S 24
M25	8 47 43	13°10'39	26°27	24°34	10°43	4°29	12°43	18°34	9°14	1°44	15°37	4°43	5°54	11°23	22°56	M25
T 26	8 51 39	14°11'19	8♋17	26° 5	11°58	4°10	12°42	18°35	9°17	1°43	15°36	4°39	5°51	11°29	22°56	T 26
W27	8 55 36	15°11'58	20° 8	27°36	13°13	3°51	12°40	18°37	9°21	1°42	15°36	4°35	5°48	11°36	22°56	W27
T 28	8 59 32	16°12'35	2♌ 3	29° 8	14°29	3°31	12°39	18°39	9°24	1°41	15°35	4°33	5°45	11°43	22°R56	T 28
F 29	9 3 29	17°13'11	14° 3	0♒41	15°44	3°11	12°37	18°41	9°27	1°40	15°35	4°31	5°42	11°49	22°56	F 29
S 30	9 7 26	18°13'45	26° 9	2°14	16°59	2°50	12°35	18°43	9°31	1°38	15°34	4°30	5°39	11°56	22°56	S 30
S 31	9 11 22	19♒14'17	8♍25	3♒49	18♒14	2♍29	12♎33	18♉45	9♒34	1♋37	15♊34	4°D29	5♓35	12♋ 3	22♎55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s12	21n32	2n35	21s24	2n 1	23s33	0s27	11n51	3n38	3s35	1n23	15n18	2s10	18s58	0s37	22n29	1s 1	15n 1	7s48	9s36	8s54	27n37	9s44	1s 8
S 2	22 3	17 16	1 36	21 35	1 52	23 29	0 29	11 53	3 40	3 36	1 23	15 18	2 10	18 57	0 37	22 29	1 1	15 1	7 48	9 38	8 55	27 36	9 45	1 8
S 3	21 54	12 18	0 32	21 47	1 42	23 24	0 32	11 55	3 42	3 37	1 24	15 18	2 10	18 56	0 37	22 29	1 1	15 1	7 48	9 39	8 57	27 35	9 46	1 8
M 4	21 44	6 48	0s34	21 58	1 32	23 18	0 34	11 58	3 45	3 38	1 24	15 18	2 10	18 55	0 37	22 29	1 1	15 1	7 47	9 39	8 58	27 34	9 47	1 8
T 5	21 34	0 58	1 39	22 8	1 22	23 12	0 36	12 1	3 47	3 39	1 24	15 18	2 9	18 55	0 37	22 29	1 1	15 1	7 47	9 38	8 59	27 33	9 48	1 7
W 6	21 24	5s 2	2 41	22 18	1 13	23 5	0 38	12 4	3 49	3 39	1 24	15 18	2 9	18 54	0 37	22 29	1 1	15 1	7 47	9 38	9 0	27 32	9 48	1 7
T 7	21 13	10 58	3 37	22 28	1 3	22 57	0 40	12 8	3 50	3 40	1 25	15 18	2 9	18 53	0 37	22 29	1 1	15 1	7 47	9 37	9 1	27 31	9 49	1 7
F 8	21 2	16 34	4 23	22 37	0 54	22 49	0 42	12 12	3 52	3 41	1 25	15 18	2 8	18 52	0 37	22 29	1 1	15 1	7 47	9 37	9 3	27 30	9 50	1 7
S 9	20 50	21 32	4 55	22 45	0 44	22 40	0 45	12 16	3 54	3 41	1 25	15 18	2 8	18 51	0 37	22 30	1 1	15 1	7 47	9 38	9 4	27 29	9 51	1 7
S 10	20 38	25 26	5 10	22 52	0 35	22 30	0 47	12 20	3 56	3 42	1 25	15 19	2 8	18 50	0 37	22 30	1 1	15 1	7 47	9 39	9 5	27 28	9 51	1 6
M11	20 26	27 47	5 6	22 59	0 26	22 19	0 49	12 25	3 58	3 42	1 26	15 19	2 8	18 49	0 37	22 30	1 0	15 2	7 46	9 41	9 6	27 27	9 52	1 6
T 12	20 13	28 12	4 41	23 4	0 17	22 8	0 50	12 30	4 0	3 42	1 26	15 19	2 7	18 48	0 37	22 30	1 0	15 2	7 46	9 43	9 7	27 26	9 52	1 6
W13	20 0	26 31	3 57	23 9	0 8	21 56	0 52	12 35	4 2	3 43	1 26	15 20	2 7	18 47	0 37	22 30	1 0	15 2	7 46	9 45	9 8	27 25	9 53	1 6
T 14	19 46	22 54	2 55	23 12	0s 0	21 44	0 54	12 40	4 4	3 43	1 27	15 20	2 7	18 46	0 37	22 30	1 0	15 2	7 46	9 46	9 10	27 24	9 53	1 6
F 15	19 33	17 46	1 42	23 15	0 8	21 31	0 56	12 46	4 5	3 43	1 27	15 20	2 6	18 46	0 37	22 30	1 0	15 2	7 46	9 47	9 11	27 23	9 54	1 5
S 16	19 18	11 39	0 23	23 16	0 16	21 17	0 58	12 52	4 7	3 43	1 27	15 21	2 6	18 45	0 37	22 30	1 0	15 2	7 45	9 48	9 12	27 22	9 54	1 5
S 17	19 4	5 4	0n56	23 16	0 24	21 2	1 0	12 58	4 9	3 43	1 27	15 21	2 6	18 44	0 37	22 30	1 0	15 2	7 45	9 48	9 13	27 21	9 54	1 5
M18	18 49	1n33	2 9	23 15	0 32	20 47	1 1	13 5	4 10	3 43	1 28	15 22	2 5	18 43	0 37	22 30	1 0	15 2	7 45	9 47	9 14	27 20	9 55	1 5
T 19	18 33	7 52	3 12	23 13	0 39	20 32	1 3	13 11	4 12	3 43	1 28	15 22	2 5	18 42	0 37	22 30	1 0	15 2	7 45	9 47	9 15	27 19	9 55	1 5
W20	18 18	13 39	4 3	23 10	0 46	20 15	1 4	13 18	4 13	3 42	1 28	15 23	2 5	18 41	0 37	22 30	1 0	15 2	7 45	9 46	9 17	27 18	9 55	1 4
T 21	18 2	18 41	4 41	23 5	0 53	19 58	1 6	13 25	4 15	3 42	1 28	15 23	2 5	18 40	0 37	22 30	1 0	15 3	7 45	9 46	9 18	27 17	9 55	1 4
F 22	17 46	22 49	5 4	22 59	1 0	19 41	1 8	13 33	4 16	3 42	1 29	15 24	2 4	18 39	0 37	22 30	1 0	15 3	7 44	9 46	9 19	27 16	9 55	1 4
S 23	17 29	25 53	5 14	22 52	1 6	19 23	1 9	13 40	4 18	3 41	1 29	15 24	2 4	18 38	0 37	22 30	1 0	15 3	7 44	9 47	9 20	27 15	9 55	1 4
S 24	17 12	27 45	5 10	22 44	1 12	19 4	1 10	13 48	4 19	3 41	1 29	15 25	2 4	18 37	0 37	22 30	1 0	15 3	7 44	9 48	9 21	27 14	9 55	1 3
M25	16 55	28 20	4 52	22 34	1 18	18 45	1 12	13 56	4 20	3 40	1 29	15 26	2 3	18 36	0 37	22 30	1 0	15 3	7 44	9 49	9 23	27 12	9 55	1 3
T 26	16 38	27 37	4 22	22 22	1 24	18 26	1 13	14 4	4 21	3 39	1 30	15 26	2 3	18 35	0 37	22 30	1 0	15 3	7 44	9 50	9 24	27 11	9 55	1 3
W27	16 20	25 38	3 41	22 10	1 29	18 5	1 14	14 12	4 22	3 38	1 30	15 27	2 3	18 35	0 37	22 30	1 0	15 3	7 43	9 52	9 25	27 10	9 55	1 3
T 28	16 2	22 31	2 50	21 56	1 34	17 45	1 15	14 20	4 23	3 38	1 30	15 28	2 3	18 34	0 37	22 30	1 0	15 3	7 43	9 53	9 26	27 9	9 55	1 3
F 29	15 43	18 26	1 51	21 41	1 39	17 23	1 16	14 28	4 24	3 37	1 30	15 29	2 2	18 33	0 37	22 31	1 0	15 4	7 43	9 53	9 27	27 8	9 55	1 2
S 30	15 25	13 34	0 46	21 24	1 43	17 2	1 18	14 36	4 25	3 36	1 31	15 30	2 2	18 32	0 37	22 31	1 0	15 4	7 43	9 54	9 28	27 7	9 54	1 2
S 31	15s 6	8n 6	0s22	21s 6	1s47	16s40	1s19	14n45	4n25	3s35	1n31	15n30	2s 2	18s31	0s37	22n31	1s 0	15n 4	7s43	9s54	9s30	27n 6	9s54	1s 2

Julian Day Number = 2236790.5, Delta T = 07m34s
Ecliptic obliquity = 23°31'04, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'16, Lahiri = 15°39'16 Julian Calendar 1 Jan. 1412 == Greg. Calendar 10 Jan. 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

FEBRUARY 1412 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 15 19	20♒14'48	20♍51	5♒25	19♒29	2°R 7	12°R31	18♉47	9♒38	1°R36	15°R33	4♓30	5♓32	12♋10	22°R55	M 1
T 2	9 19 15	21°15'18	3♎28	7° 1	20°44	1♍45	12♎28	18°50	9°41	1♋35	15♊33	4°31	5°29	12°16	22♎55	T 2
W 3	9 23 12	22°15'46	16°19	8°39	21°59	1°22	12°25	18°52	9°45	1°34	15°33	4°32	5°26	12°23	22°54	W 3
T 4	9 27 8	23°16'13	29°26	10°17	23°14	0°59	12°23	18°55	9°48	1°34	15°32	4°33	5°23	12°30	22°53	T 4
F 5	9 31 5	24°16'38	12♏50	11°56	24°30	0°36	12°19	18°57	9°52	1°33	15°32	4°34	5°19	12°36	22°52	F 5
S 6	9 35 1	25°17'02	26°33	13°36	25°45	0°13	12°16	19° 0	9°55	1°32	15°32	4°R34	5°16	12°43	22°51	S 6
S 7	9 38 58	26°17'25	10♐34	15°17	27° 0	29♌49	12°13	19° 3	9°58	1°31	15°31	4°34	5°13	12°50	22°50	S 7
M 8	9 42 55	27°17'47	24°54	17° 0	28°15	29°25	12° 9	19° 6	10° 2	1°30	15°31	4°33	5°10	12°56	22°49	M 8
T 9	9 46 51	28°18'07	9♑29	18°43	29°30	29° 2	12° 6	19° 9	10° 5	1°29	15°31	4°33	5° 7	13° 3	22°48	T 9
W10	9 50 48	29°18'25	24°15	20°27	0♓45	28°38	12° 2	19°12	10° 8	1°29	15°31	4°32	5° 4	13°10	22°46	W10
T 11	9 54 44	0♓18'42	9♒ 5	22°12	2° 0	28°14	11°58	19°16	10°12	1°28	15°30	4°31	5° 0	13°16	22°45	T 11
F 12	9 58 41	1°18'57	23°52	23°58	3°15	27°50	11°53	19°19	10°15	1°27	15°30	4°31	4°57	13°23	22°43	F 12
S 13	10 2 37	2°19'10	8♓29	25°45	4°30	27°26	11°49	19°23	10°18	1°26	15°30	4°D31	4°54	13°30	22°41	S 13
S 14	10 6 34	3°19'22	22°49	27°34	5°45	27° 3	11°44	19°26	10°22	1°26	15°30	4°31	4°51	13°37	22°39	S 14
M15	10 10 30	4°19'31	6♈47	29°23	7° 0	26°39	11°40	19°30	10°25	1°25	15°30	4°R31	4°48	13°43	22°37	M15
T 16	10 14 27	5°19'38	20°21	1♓13	8°14	26°16	11°35	19°34	10°28	1°25	15°30	4°31	4°44	13°50	22°35	T 16
W17	10 18 24	6°19'44	3♉30	3° 5	9°29	25°53	11°30	19°37	10°31	1°24	15°30	4°31	4°41	13°57	22°33	W17
T 18	10 22 20	7°19'47	16°17	4°57	10°44	25°31	11°24	19°41	10°35	1°24	15°29	4°31	4°38	14° 3	22°31	T 18
F 19	10 26 17	8°19'48	28°43	6°50	11°59	25° 9	11°19	19°45	10°38	1°23	15°29	4°31	4°35	14°10	22°28	F 19
S 20	10 30 13	9°19'47	10♊54	8°45	13°14	24°47	11°14	19°50	10°41	1°23	15°D29	4°D31	4°32	14°17	22°26	S 20
S 21	10 34 10	10°19'44	22°53	10°40	14°29	24°25	11° 8	19°54	10°44	1°22	15°29	4°31	4°29	14°23	22°23	S 21
M22	10 38 6	11°19'38	4♋45	12°36	15°44	24° 4	11° 2	19°58	10°47	1°22	15°30	4°31	4°25	14°30	22°21	M22
T 23	10 42 3	12°19'31	16°35	14°33	16°58	23°44	10°56	20° 3	10°50	1°22	15°30	4°32	4°22	14°37	22°18	T 23
W24	10 45 59	13°19'21	28°27	16°31	18°13	23°24	10°50	20° 7	10°54	1°21	15°30	4°33	4°19	14°43	22°15	W24
T 25	10 49 56	14°19'09	10♌25	18°29	19°28	23° 5	10°44	20°12	10°57	1°21	15°30	4°34	4°16	14°50	22°12	T 25
F 26	10 53 53	15°18'55	22°32	20°28	20°43	22°46	10°38	20°16	11° 0	1°21	15°30	4°34	4°13	14°57	22° 9	F 26
S 27	10 57 49	16°18'38	4♍50	22°27	21°57	22°28	10°32	20°21	11° 3	1°21	15°30	4°R35	4°10	15° 4	22° 6	S 27
S 28	11 1 46	17°18'20	17°21	24°26	23°12	22°10	10°25	20°26	11° 6	1°20	15°30	4°34	4° 6	15°10	22° 3	S 28
M29	11 5 42	18♓17'59	0♎ 6	26♓25	24♓27	21♌54	10♎18	20♉31	11♒ 9	1♋20	15♊30	4♓33	4♓ 3	15♋17	22♎ 0	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s47	2n16	1s29	20s46	1s51	16s17	1s19	14n53	4n26	3s34	1n31	15n31	2s 1	18s30	0s37	22n31	1s 0	15n 4	7s42	9s54	9s31	27n 5	9s54	1s 2
T 2	14 28	3s44	2 34	20 25	1 54	15 54	1 20	15 2	4 26	3 32	1 31	15 32	2 1	18 29	0 37	22 31	1 0	15 4	7 42	9 53	9 32	27 3	9 53	1 1
W 3	14 8	9 41	3 31	20 2	1 57	15 30	1 21	15 10	4 27	3 31	1 32	15 33	2 1	18 28	0 37	22 31	1 0	15 4	7 42	9 53	9 33	27 2	9 53	1 1
T 4	13 48	15 21	4 20	19 38	1 59	15 6	1 22	15 19	4 27	3 30	1 32	15 34	2 1	18 27	0 37	22 31	1 0	15 5	7 42	9 52	9 34	27 1	9 52	1 1
F 5	13 28	20 25	4 55	19 13	2 2	14 42	1 23	15 27	4 27	3 28	1 32	15 35	2 0	18 26	0 37	22 31	1 0	15 5	7 42	9 52	9 35	27 0	9 52	1 1
S 6	13 8	24 32	5 14	18 46	2 4	14 17	1 23	15 36	4 27	3 27	1 32	15 36	2 0	18 25	0 37	22 31	1 0	15 5	7 41	9 52	9 37	26 59	9 51	1 0
S 7	12 48	27 18	5 15	18 18	2 5	13 52	1 24	15 44	4 27	3 25	1 33	15 37	2 0	18 24	0 37	22 31	1 0	15 5	7 41	9 52	9 38	26 57	9 50	1 0
M 8	12 27	28 22	4 57	17 48	2 6	13 26	1 24	15 52	4 27	3 24	1 33	15 38	1 59	18 24	0 37	22 31	1 0	15 5	7 41	9 52	9 39	26 56	9 50	1 0
T 9	12 6	27 30	4 20	17 16	2 7	13 1	1 25	16 0	4 27	3 22	1 33	15 39	1 59	18 23	0 37	22 31	1 0	15 5	7 41	9 53	9 40	26 55	9 49	1 0
W10	11 45	24 42	3 25	16 43	2 7	12 34	1 25	16 9	4 26	3 20	1 33	15 41	1 59	18 22	0 37	22 31	0 59	15 6	7 41	9 53	9 41	26 54	9 48	0 59
T 11	11 24	20 14	2 17	16 9	2 7	12 8	1 25	16 16	4 26	3 19	1 33	15 42	1 59	18 21	0 38	22 31	0 59	15 6	7 40	9 53	9 42	26 53	9 47	0 59
F 12	11 3	14 32	0 59	15 33	2 6	11 41	1 26	16 24	4 25	3 17	1 34	15 43	1 58	18 20	0 38	22 31	0 59	15 6	7 40	9 53	9 44	26 51	9 47	0 59
S 13	10 41	8 5	0n22	14 56	2 5	11 14	1 26	16 32	4 24	3 15	1 34	15 44	1 58	18 19	0 38	22 31	0 59	15 6	7 40	9 53	9 45	26 50	9 46	0 59
S 14	10 19	1 20	1 40	14 17	2 3	10 46	1 26	16 39	4 24	3 13	1 34	15 45	1 58	18 18	0 38	22 31	0 59	15 6	7 40	9 53	9 46	26 49	9 45	0 58
M15	9 57	5n18	2 50	13 37	2 1	10 18	1 26	16 47	4 23	3 11	1 34	15 47	1 58	18 17	0 38	22 31	0 59	15 7	7 39	9 53	9 47	26 48	9 44	0 58
T 16	9 35	11 29	3 48	12 55	1 59	9 50	1 26	16 54	4 22	3 9	1 35	15 48	1 57	18 16	0 38	22 31	0 59	15 7	7 39	9 53	9 48	26 46	9 43	0 58
W17	9 13	16 59	4 32	12 12	1 56	9 22	1 26	17 1	4 21	3 6	1 35	15 49	1 57	18 16	0 38	22 31	0 59	15 7	7 39	9 53	9 49	26 45	9 42	0 58
T 18	8 51	21 34	5 1	11 28	1 52	8 53	1 26	17 7	4 19	3 4	1 35	15 50	1 57	18 15	0 38	22 31	0 59	15 7	7 39	9 53	9 51	26 44	9 41	0 57
F 19	8 28	25 4	5 16	10 42	1 48	8 25	1 26	17 14	4 18	3 2	1 35	15 52	1 57	18 14	0 38	22 32	0 59	15 7	7 39	9 53	9 52	26 43	9 39	0 57
S 20	8 6	27 21	5 15	9 54	1 43	7 56	1 26	17 20	4 17	3 0	1 35	15 53	1 56	18 13	0 38	22 32	0 59	15 8	7 38	9 53	9 53	26 41	9 38	0 57
S 21	7 43	28 20	5 1	9 6	1 38	7 26	1 25	17 26	4 15	2 57	1 35	15 55	1 56	18 12	0 38	22 32	0 59	15 8	7 38	9 53	9 54	26 40	9 37	0 57
M22	7 20	28 0	4 34	8 16	1 32	6 57	1 25	17 31	4 14	2 55	1 36	15 56	1 56	18 11	0 38	22 32	0 59	15 8	7 38	9 53	9 55	26 39	9 36	0 56
T 23	6 58	26 23	3 56	7 25	1 26	6 27	1 24	17 37	4 12	2 52	1 36	15 57	1 56	18 11	0 38	22 32	0 59	15 8	7 38	9 53	9 56	26 37	9 35	0 56
W24	6 35	23 35	3 7	6 33	1 19	5 58	1 24	17 42	4 10	2 50	1 36	15 59	1 55	18 10	0 38	22 32	0 59	15 9	7 38	9 52	9 58	26 36	9 33	0 56
T 25	6 11	19 46	2 10	5 39	1 11	5 28	1 23	17 47	4 8	2 47	1 36	16 0	1 55	18 9	0 38	22 32	0 59	15 9	7 37	9 52	9 59	26 35	9 32	0 55
F 26	5 48	15 6	1 6	4 45	1 3	4 58	1 23	17 51	4 7	2 45	1 36	16 2	1 55	18 8	0 38	22 32	0 59	15 9	7 37	9 52	10 0	26 33	9 30	0 55
S 27	5 25	9 45	0s 1	3 50	0 54	4 27	1 22	17 55	4 5	2 42	1 36	16 3	1 55	18 7	0 38	22 32	0 59	15 9	7 37	9 52	10 1	26 32	9 29	0 55
S 28	5 2	3 56	1 10	2 54	0 45	3 57	1 21	17 59	4 3	2 40	1 37	16 5	1 54	18 6	0 38	22 32	0 59	15 10	7 37	9 52	10 2	26 31	9 28	0 55
M29	4s38	2s 8	2s17	1s58	0s35	3s27	1s20	18n 3	4n 1	2s37	1n37	16n 6	1s54	18s 6	0s38	22n32	0s59	15n10	7s36	9s52	10s 3	26n29	9s26	0s54

Julian Day Number = 2236821.5, Delta T = 07m34s
Ecliptic obliquity = 23°31'05, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'20, Lahiri = 15°39'20 Julian Calendar 1 Feb. 1412 == Greg. Calendar 10 Feb. 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

MARCH 1412 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 9 39	19♓17'37	13♎ 6	28♓24	25♓41	21°R37	10°R12	20♉36	11♒12	1°R20	15♊31	4°R32	4♓ 0	15♋24	21°R56	T 1
W 2	11 13 35	20°17'12	26°19	0♈22	26°56	21♌22	10♎ 5	20°41	11°14	1♋20	15°31	4♓30	3°57	15°30	21♎53	W 2
T 3	11 17 32	21°16'46	9♏46	2°19	28°10	21° 7	9°58	20°46	11°17	1°20	15°31	4°27	3°54	15°37	21°49	T 3
F 4	11 21 28	22°16'18	23°25	4°14	29°25	20°53	9°51	20°51	11°20	1°D20	15°31	4°25	3°50	15°44	21°46	F 4
S 5	11 25 25	23°15'48	7♐15	6° 8	0♈40	20°40	9°44	20°57	11°23	1°20	15°32	4°24	3°47	15°50	21°42	S 5
S 6	11 29 21	24°15'17	21°16	8° 0	1°54	20°27	9°37	21° 2	11°26	1°20	15°32	4°D23	3°44	15°57	21°38	S 6
M 7	11 33 18	25°14'44	5♑26	9°48	3° 9	20°16	9°30	21° 8	11°29	1°20	15°32	4°23	3°41	16° 4	21°34	M 7
T 8	11 37 15	26°14'09	19°42	11°34	4°23	20° 5	9°22	21°13	11°31	1°20	15°33	4°24	3°38	16°10	21°30	T 8
W 9	11 41 11	27°13'32	4♒ 3	13°17	5°38	19°54	9°15	21°19	11°34	1°21	15°33	4°26	3°35	16°17	21°27	W 9
T 10	11 45 8	28°12'53	18°25	14°55	6°52	19°45	9° 8	21°24	11°37	1°21	15°34	4°27	3°31	16°24	21°23	T 10
F 11	11 49 4	29°12'13	2♓45	16°29	8° 7	19°36	9° 0	21°30	11°39	1°21	15°34	4°R27	3°28	16°31	21°18	F 11
S 12	11 53 1	0♈11'30	16°57	17°59	9°21	19°28	8°53	21°36	11°42	1°21	15°34	4°27	3°25	16°37	21°14	S 12
S 13	11 56 57	1°10'46	0♈59	19°23	10°35	19°21	8°45	21°42	11°44	1°22	15°35	4°25	3°22	16°44	21°10	S 13
M14	12 0 54	2° 9'59	14°45	20°42	11°50	19°15	8°37	21°48	11°47	1°22	15°35	4°22	3°19	16°51	21° 6	M14
T 15	12 4 50	3° 9'11	28°12	21°55	13° 4	19° 9	8°30	21°54	11°49	1°22	15°36	4°18	3°16	16°57	21° 2	T 15
W16	12 8 47	4° 8'20	11♉20	23° 3	14°18	19° 5	8°22	22° 0	11°52	1°23	15°36	4°13	3°12	17° 4	20°57	W16
T 17	12 12 44	5° 7'27	24° 7	24° 4	15°33	19° 1	8°14	22° 6	11°54	1°23	15°37	4° 8	3° 9	17°11	20°53	T 17
F 18	12 16 40	6° 6'31	6♊36	24°59	16°47	18°58	8° 7	22°12	11°57	1°24	15°38	4° 4	3° 6	17°17	20°49	F 18
S 19	12 20 37	7° 5'34	18°48	25°48	18° 1	18°55	7°59	22°18	11°59	1°24	15°38	4° 1	3° 3	17°24	20°44	S 19
S 20	12 24 33	8° 4'34	0♋49	26°29	19°15	18°54	7°51	22°25	12° 1	1°25	15°39	3°59	3° 0	17°31	20°40	S 20
M21	12 28 30	9° 3'32	12°42	27° 5	20°30	18°53	7°44	22°31	12° 4	1°25	15°40	3°D59	2°56	17°37	20°35	M21
T 22	12 32 26	10° 2'27	24°32	27°33	21°44	18°D53	7°36	22°38	12° 6	1°26	15°40	4° 0	2°53	17°44	20°31	T 22
W23	12 36 23	11° 1'20	6♌25	27°55	22°58	18°53	7°28	22°44	12° 8	1°26	15°41	4° 1	2°50	17°51	20°26	W23
T 24	12 40 19	12° 0'11	18°25	28°10	24°12	18°55	7°21	22°51	12°10	1°27	15°42	4° 3	2°47	17°57	20°21	T 24
F 25	12 44 16	12°59'00	0♍37	28°18	25°26	18°57	7°13	22°57	12°12	1°28	15°42	4°R 4	2°44	18° 4	20°17	F 25
S 26	12 48 13	13°57'46	13° 4	28°R20	26°40	18°59	7° 5	23° 4	12°14	1°29	15°43	4° 4	2°41	18°11	20°12	S 26
S 27	12 52 9	14°56'30	25°49	28°15	27°54	19° 3	6°58	23°11	12°16	1°29	15°44	4° 1	2°37	18°17	20° 8	S 27
M28	12 56 6	15°55'12	8♎53	28° 5	29° 8	19° 7	6°50	23°17	12°18	1°30	15°45	3°57	2°34	18°24	20° 3	M28
T 29	13 0 2	16°53'52	22°15	27°48	0♉22	19°12	6°43	23°24	12°20	1°31	15°45	3°52	2°31	18°31	19°58	T 29
W30	13 3 59	17°52'31	5♏55	27°27	1°36	19°17	6°35	23°31	12°22	1°32	15°46	3°45	2°28	18°38	19°54	W30
T 31	13 7 55	18♈51'07	19♏49	27♈ 1	2♉50	19♌24	6♎28	23♉38	12♒24	1♋33	15♊47	3♓37	2♓25	18♋44	19♎49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s15	8s13	3s17	1s 1	0s25	2s56	1s20	18n 6	3n59	2s34	1n37	16n 8	1s54	18s 5	0s38	22n32	0s59	15n10	7s36	9s53	10s 4	26n28	9s24	0s54
W 2	3 52	14 3	4 8	0 4	0 14	2 26	1 19	18 9	3 56	2 31	1 37	16 9	1 54	18 4	0 38	22 32	0 59	15 10	7 36	9 54	10 6	26 27	9 23	0 54
T 3	3 28	19 19	4 47	0n53	0 3	1 55	1 18	18 12	3 54	2 28	1 37	16 11	1 53	18 3	0 38	22 32	0 59	15 10	7 36	9 55	10 7	26 25	9 21	0 53
F 4	3 5	23 41	5 10	1 49	0n 8	1 24	1 17	18 14	3 52	2 26	1 37	16 13	1 53	18 3	0 38	22 32	0 59	15 11	7 36	9 55	10 8	26 24	9 20	0 53
S 5	2 41	26 46	5 15	2 45	0 20	0 53	1 15	18 17	3 50	2 23	1 37	16 14	1 53	18 2	0 38	22 32	0 58	15 11	7 35	9 56	10 9	26 22	9 18	0 53
S 6	2 17	28 15	5 2	3 41	0 32	0 23	1 14	18 18	3 47	2 20	1 37	16 16	1 53	18 1	0 38	22 32	0 58	15 11	7 35	9 56	10 10	26 21	9 16	0 53
M 7	1 54	27 55	4 30	4 35	0 45	0n 8	1 13	18 20	3 45	2 17	1 37	16 17	1 52	18 0	0 38	22 32	0 58	15 11	7 35	9 56	10 11	26 20	9 15	0 52
T 8	1 30	25 44	3 42	5 28	0 57	0 39	1 12	18 21	3 43	2 14	1 38	16 19	1 52	18 0	0 38	22 32	0 58	15 12	7 35	9 56	10 13	26 18	9 13	0 52
W 9	1 6	21 54	2 40	6 19	1 9	1 10	1 10	18 22	3 40	2 11	1 38	16 21	1 52	17 59	0 38	22 32	0 58	15 12	7 34	9 55	10 14	26 17	9 11	0 52
T 10	0 43	16 44	1 27	7 9	1 21	1 41	1 9	18 23	3 38	2 8	1 38	16 22	1 52	17 58	0 38	22 32	0 58	15 12	7 34	9 55	10 15	26 15	9 9	0 51
F 11	0 19	10 41	0 9	7 56	1 34	2 12	1 8	18 23	3 35	2 5	1 38	16 24	1 52	17 57	0 38	22 32	0 58	15 12	7 34	9 54	10 16	26 14	9 7	0 51
S 12	0n 5	4 7	1n 8	8 42	1 45	2 42	1 6	18 24	3 33	2 2	1 38	16 26	1 51	17 57	0 38	22 32	0 58	15 13	7 34	9 55	10 17	26 12	9 6	0 51
S 13	0 28	2n32	2 21	9 25	1 57	3 13	1 4	18 24	3 30	1 59	1 38	16 28	1 51	17 56	0 38	22 33	0 58	15 13	7 34	9 55	10 18	26 11	9 4	0 50
M14	0 52	8 57	3 23	10 5	2 8	3 44	1 3	18 23	3 28	1 56	1 38	16 29	1 51	17 55	0 38	22 33	0 58	15 13	7 33	9 56	10 19	26 9	9 2	0 50
T 15	1 15	14 48	4 13	10 42	2 18	4 14	1 1	18 23	3 25	1 53	1 38	16 31	1 51	17 55	0 38	22 33	0 58	15 13	7 33	9 58	10 21	26 8	9 0	0 50
W16	1 39	19 50	4 48	11 16	2 28	4 45	0 59	18 22	3 23	1 50	1 38	16 33	1 51	17 54	0 38	22 33	0 58	15 14	7 33	10 0	10 22	26 7	8 58	0 49
T 17	2 3	23 50	5 8	11 47	2 37	5 15	0 58	18 21	3 20	1 47	1 38	16 35	1 50	17 53	0 38	22 33	0 58	15 14	7 33	10 2	10 23	26 5	8 56	0 49
F 18	2 26	26 36	5 12	12 15	2 45	5 45	0 56	18 19	3 18	1 44	1 38	16 36	1 50	17 53	0 38	22 33	0 58	15 14	7 33	10 3	10 24	26 4	8 54	0 49
S 19	2 49	28 4	5 2	12 40	2 52	6 15	0 54	18 18	3 15	1 41	1 38	16 38	1 50	17 52	0 38	22 33	0 58	15 15	7 32	10 4	10 25	26 2	8 52	0 48
S 20	3 13	28 10	4 39	13 1	2 58	6 45	0 52	18 16	3 13	1 38	1 38	16 40	1 50	17 51	0 38	22 33	0 58	15 15	7 32	10 5	10 26	26 1	8 50	0 48
M21	3 36	26 57	4 4	13 18	3 3	7 15	0 50	18 14	3 10	1 35	1 38	16 42	1 50	17 51	0 38	22 33	0 58	15 15	7 32	10 5	10 28	25 59	8 48	0 48
T 22	3 59	24 33	3 19	13 32	3 7	7 45	0 48	18 11	3 8	1 32	1 38	16 43	1 49	17 50	0 38	22 33	0 58	15 15	7 32	10 5	10 29	25 58	8 46	0 47
W23	4 23	21 4	2 25	13 43	3 10	8 15	0 46	18 9	3 5	1 28	1 38	16 45	1 49	17 50	0 38	22 33	0 58	15 16	7 32	10 4	10 30	25 56	8 44	0 47
T 24	4 46	16 42	1 24	13 50	3 11	8 44	0 44	18 6	3 3	1 25	1 38	16 47	1 49	17 49	0 39	22 33	0 58	15 16	7 31	10 3	10 31	25 54	8 42	0 47
F 25	5 9	11 35	0 19	13 53	3 11	9 13	0 42	18 3	3 1	1 22	1 38	16 49	1 49	17 49	0 39	22 33	0 58	15 16	7 31	10 3	10 32	25 53	8 40	0 46
S 26	5 32	5 56	0s49	13 52	3 10	9 42	0 40	18 0	2 58	1 19	1 38	16 51	1 49	17 48	0 39	22 33	0 58	15 16	7 31	10 3	10 33	25 51	8 38	0 46
S 27	5 54	0s 6	1 55	13 48	3 7	10 11	0 38	17 56	2 56	1 17	1 38	16 53	1 49	17 47	0 39	22 33	0 58	15 17	7 31	10 4	10 34	25 50	8 36	0 46
M28	6 17	6 15	2 57	13 40	3 3	10 39	0 36	17 53	2 53	1 14	1 38	16 54	1 48	17 47	0 39	22 33	0 58	15 17	7 31	10 5	10 36	25 48	8 34	0 45
T 29	6 40	12 16	3 51	13 29	2 57	11 7	0 33	17 49	2 51	1 11	1 38	16 56	1 48	17 46	0 39	22 33	0 57	15 17	7 30	10 7	10 37	25 47	8 31	0 45
W30	7 2	17 49	4 33	13 14	2 50	11 35	0 31	17 45	2 48	1 8	1 38	16 58	1 48	17 46	0 39	22 33	0 57	15 17	7 30	10 10	10 38	25 45	8 29	0 44
T 31	7n24	22s33	4s59	12n57	2n41	12n 3	0s29	17n41	2n46	1s 5	1n38	17n 0	1s48	17s45	0s39	22n33	0s57	15n18	7s30	10s13	10s39	25n44	8s27	0s44

Julian Day Number = 2236850.5, Delta T = 07m34s
Ecliptic obliquity = 23°31'05, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'24, Lahiri = 15°39'24 Julian Calendar 1 March 1412 == Greg. Calendar 10 March 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

APRIL 1412 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 11 52	19♈49'42	3♐53	26°R30	4♉ 4	19♌30	6°R20	23♉45	12♒26	1♋34	15♊48	3°R31	2♓21	18♋51	19°R44	F 1
S 2	13 15 48	20°48'14	18° 3	25♈56	5°18	19°38	6♎13	23°52	12°28	1°35	15°49	3♓25	2°18	18°58	19♎40	S 2
S 3	13 19 45	21°46'46	2♑15	25°19	6°32	19°46	6° 6	23°59	12°30	1°36	15°50	3°21	2°15	19° 4	19°35	S 3
M 4	13 23 42	22°45'15	16°27	24°40	7°46	19°54	5°59	24° 6	12°31	1°37	15°51	3°20	2°12	19°11	19°30	M 4
T 5	13 27 38	23°43'43	0♒36	23°59	8°59	20° 4	5°52	24°13	12°33	1°38	15°51	3°D20	2° 9	19°18	19°26	T 5
W 6	13 31 35	24°42'10	14°41	23°18	10°13	20°14	5°45	24°20	12°35	1°39	15°52	3°21	2° 6	19°24	19°21	W 6
T 7	13 35 31	25°40'34	28°41	22°37	11°27	20°24	5°38	24°27	12°36	1°40	15°53	3°R21	2° 2	19°31	19°16	T 7
F 8	13 39 28	26°38'57	12♓35	21°56	12°41	20°35	5°31	24°34	12°38	1°41	15°54	3°21	1°59	19°38	19°12	F 8
S 9	13 43 24	27°37'19	26°21	21°17	13°55	20°46	5°24	24°42	12°39	1°42	15°55	3°19	1°56	19°44	19° 7	S 9
S 10	13 47 21	28°35'38	9♈57	20°41	15° 8	20°59	5°17	24°49	12°40	1°43	15°56	3°14	1°53	19°51	19° 2	S 10
M11	13 51 17	29°33'56	23°21	20° 7	16°22	21°11	5°11	24°56	12°42	1°44	15°57	3° 7	1°50	19°58	18°58	M11
T 12	13 55 14	0♉32'13	6♉32	19°36	17°36	21°24	5° 5	25° 4	12°43	1°46	15°58	2°58	1°47	20° 4	18°53	T 12
W13	13 59 11	1°30'27	19°28	19° 9	18°49	21°38	4°58	25°11	12°44	1°47	15°59	2°48	1°43	20°11	18°49	W13
T 14	14 3 7	2°28'40	2♊ 8	18°46	20° 3	21°52	4°52	25°19	12°46	1°48	16° 0	2°37	1°40	20°18	18°44	T 14
F 15	14 7 4	3°26'51	14°32	18°27	21°16	22° 7	4°46	25°26	12°47	1°50	16° 2	2°27	1°37	20°24	18°40	F 15
S 16	14 11 0	4°24'59	26°43	18°13	22°30	22°22	4°40	25°33	12°48	1°51	16° 3	2°19	1°34	20°31	18°36	S 16
S 17	14 14 57	5°23'06	8♋42	18° 3	23°43	22°38	4°34	25°41	12°49	1°52	16° 4	2°14	1°31	20°38	18°31	S 17
M18	14 18 53	6°21'11	20°34	17°58	24°57	22°54	4°29	25°48	12°50	1°54	16° 5	2°10	1°27	20°44	18°27	M18
T 19	14 22 50	7°19'15	2♌24	17°D58	26°10	23°10	4°23	25°56	12°51	1°55	16° 6	2°D 9	1°24	20°51	18°23	T 19
W20	14 26 46	8°17'16	14°16	18° 3	27°24	23°27	4°18	26° 4	12°52	1°57	16° 7	2° 9	1°21	20°58	18°18	W20
T 21	14 30 43	9°15'15	26°16	18°12	28°37	23°45	4°12	26°11	12°53	1°58	16° 8	2°R 9	1°18	21° 4	18°14	T 21
F 22	14 34 40	10°13'12	8♍29	18°26	29°50	24° 3	4° 7	26°19	12°54	2° 0	16° 9	2° 9	1°15	21°11	18°10	F 22
S 23	14 38 36	11°11'08	21° 0	18°44	1♊ 4	24°21	4° 2	26°27	12°55	2° 1	16°11	2° 8	1°12	21°18	18° 6	S 23
S 24	14 42 33	12° 9'01	3♎53	19° 7	2°17	24°40	3°57	26°34	12°55	2° 3	16°12	2° 4	1° 8	21°25	18° 2	S 24
M25	14 46 29	13° 6'53	17° 9	19°34	3°30	24°59	3°53	26°42	12°56	2° 4	16°13	1°58	1° 5	21°31	17°58	M25
T 26	14 50 26	14° 4'43	0♏50	20° 5	4°43	25°18	3°48	26°50	12°57	2° 6	16°14	1°49	1° 2	21°38	17°54	T 26
W27	14 54 22	15° 2'32	14°52	20°40	5°57	25°38	3°44	26°57	12°57	2° 7	16°16	1°39	0°59	21°45	17°51	W27
T 28	14 58 19	16° 0'19	29°12	21°19	7°10	25°59	3°40	27° 5	12°58	2° 9	16°17	1°28	0°56	21°51	17°47	T 28
F 29	15 2 15	16°58'05	13♐44	22° 2	8°23	26°19	3°36	27°13	12°59	2°11	16°18	1°17	0°53	21°58	17°43	F 29
S 30	15 6 12	17♉55'50	28♐19	22♈49	9♊36	26♌40	3♎32	27♉21	12♒59	2♋12	16♊19	1♓ 8	0♓49	22♋ 5	17♎40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n47	26s 2	5s 8	12n36	2n31	12n30	0s26	17n36	2n44	1s 2	1n37	17n 2	1s48	17s45	0s39	22n33	0s57	15n18	7s30	10s15	10s40	25n42	8s25	0s44
S 2	8 9	27 55	4 58	12 13	2 20	12 57	0 24	17 32	2 41	0 59	1 37	17 4	1 48	17 44	0 39	22 33	0 57	15 18	7 30	10 17	10 41	25 40	8 23	0 43
S 3	8 31	28 0	4 30	11 48	2 7	13 24	0 22	17 27	2 39	0 56	1 37	17 6	1 47	17 44	0 39	22 33	0 57	15 19	7 30	10 19	10 42	25 39	8 21	0 43
M 4	8 53	26 14	3 45	11 20	1 53	13 50	0 19	17 22	2 37	0 54	1 37	17 8	1 47	17 44	0 39	22 33	0 57	15 19	7 29	10 19	10 44	25 37	8 19	0 43
T 5	9 14	22 48	2 47	10 52	1 38	14 17	0 17	17 17	2 34	0 51	1 37	17 9	1 47	17 43	0 39	22 33	0 57	15 19	7 29	10 19	10 45	25 36	8 17	0 42
W 6	9 36	18 3	1 39	10 22	1 23	14 42	0 14	17 12	2 32	0 48	1 37	17 11	1 47	17 43	0 39	22 33	0 57	15 19	7 29	10 19	10 46	25 34	8 15	0 42
T 7	9 57	12 22	0 25	9 52	1 7	15 8	0 12	17 6	2 30	0 46	1 37	17 13	1 47	17 42	0 39	22 33	0 57	15 20	7 29	10 18	10 47	25 32	8 12	0 41
F 8	10 19	6 6	0n49	9 21	0 50	15 33	0 9	17 1	2 28	0 43	1 37	17 15	1 47	17 42	0 39	22 33	0 57	15 20	7 29	10 19	10 48	25 31	8 10	0 41
S 9	10 40	0n23	2 0	8 51	0 33	15 57	0 7	16 55	2 25	0 41	1 37	17 17	1 46	17 41	0 39	22 33	0 57	15 20	7 28	10 19	10 49	25 29	8 8	0 41
S 10	11 1	6 45	3 3	8 21	0 16	16 22	0 4	16 49	2 23	0 38	1 36	17 19	1 46	17 41	0 39	22 33	0 57	15 20	7 28	10 21	10 50	25 27	8 6	0 40
M11	11 21	12 44	3 55	7 53	0s 1	16 45	0 2	16 43	2 21	0 36	1 36	17 21	1 46	17 41	0 39	22 33	0 57	15 21	7 28	10 24	10 52	25 26	8 4	0 40
T 12	11 42	18 2	4 33	7 25	0 18	17 9	0n 1	16 36	2 19	0 33	1 36	17 23	1 46	17 40	0 39	22 33	0 57	15 21	7 28	10 27	10 53	25 24	8 2	0 40
W13	12 2	22 24	4 56	7 0	0 34	17 32	0 3	16 30	2 17	0 31	1 36	17 25	1 46	17 40	0 39	22 33	0 57	15 21	7 28	10 31	10 54	25 22	8 0	0 39
T 14	12 22	25 37	5 4	6 36	0 50	17 54	0 6	16 23	2 15	0 28	1 36	17 26	1 46	17 40	0 39	22 34	0 57	15 22	7 28	10 35	10 55	25 21	7 58	0 39
F 15	12 42	27 32	4 57	6 15	1 5	18 16	0 8	16 16	2 13	0 26	1 36	17 28	1 46	17 39	0 39	22 34	0 57	15 22	7 27	10 38	10 56	25 19	7 56	0 38
S 16	13 2	28 6	4 37	5 56	1 20	18 38	0 11	16 10	2 11	0 24	1 36	17 30	1 46	17 39	0 39	22 34	0 57	15 22	7 27	10 41	10 57	25 17	7 54	0 38
S 17	13 22	27 19	4 5	5 39	1 34	18 59	0 14	16 2	2 9	0 22	1 35	17 32	1 45	17 39	0 39	22 34	0 57	15 22	7 27	10 43	10 58	25 16	7 52	0 38
M18	13 41	25 17	3 23	5 25	1 47	19 20	0 16	15 55	2 7	0 20	1 35	17 34	1 45	17 39	0 39	22 34	0 57	15 23	7 27	10 44	10 59	25 14	7 50	0 37
T 19	14 0	22 9	2 32	5 14	2 0	19 40	0 19	15 48	2 5	0 18	1 35	17 36	1 45	17 38	0 39	22 34	0 57	15 23	7 27	10 45	11 1	25 12	7 48	0 37
W20	14 19	18 6	1 34	5 5	2 11	19 59	0 21	15 40	2 3	0 16	1 35	17 38	1 45	17 38	0 39	22 34	0 57	15 23	7 27	10 45	11 2	25 11	7 46	0 37
T 21	14 38	13 18	0 31	4 58	2 22	20 18	0 24	15 33	2 1	0 14	1 35	17 40	1 45	17 38	0 39	22 34	0 57	15 23	7 27	10 45	11 3	25 9	7 44	0 36
F 22	14 56	7 54	0s34	4 55	2 31	20 37	0 26	15 25	1 59	0 12	1 34	17 42	1 45	17 38	0 40	22 34	0 57	15 24	7 26	10 45	11 4	25 7	7 42	0 36
S 23	15 14	2 4	1 39	4 54	2 40	20 55	0 29	15 17	1 57	0 10	1 34	17 43	1 45	17 38	0 40	22 34	0 57	15 24	7 26	10 45	11 5	25 5	7 40	0 35
S 24	15 32	4s 0	2 40	4 55	2 48	21 12	0 31	15 9	1 55	0 8	1 34	17 45	1 45	17 37	0 40	22 34	0 56	15 24	7 26	10 46	11 6	25 4	7 38	0 35
M25	15 50	10 4	3 35	4 59	2 55	21 29	0 34	15 1	1 53	0 7	1 34	17 47	1 45	17 37	0 40	22 34	0 56	15 24	7 26	10 49	11 7	25 2	7 36	0 35
T 26	16 7	15 50	4 19	5 5	3 1	21 45	0 36	14 52	1 51	0 5	1 34	17 49	1 44	17 37	0 40	22 34	0 56	15 25	7 26	10 52	11 9	25 0	7 34	0 34
W27	16 24	20 57	4 49	5 13	3 6	22 1	0 39	14 44	1 49	0 4	1 33	17 51	1 44	17 37	0 40	22 34	0 56	15 25	7 26	10 56	11 10	24 58	7 33	0 34
T 28	16 41	24 56	5 1	5 24	3 11	22 16	0 41	14 35	1 47	0 2	1 33	17 53	1 44	17 37	0 40	22 34	0 56	15 25	7 26	10 59	11 11	24 57	7 31	0 33
F 29	16 58	27 23	4 54	5 36	3 14	22 30	0 44	14 26	1 46	0 1	1 33	17 55	1 44	17 37	0 40	22 34	0 56	15 25	7 25	11 3	11 12	24 55	7 29	0 33
S 30	17n14	27s59	4s28	5n51	3s17	22n44	0n46	14n17	1n44	0n 1	1n33	17n56	1s44	17s37	0s40	22n34	0s56	15n26	7s25	11s 6	11s13	24n53	7s27	0s33

Julian Day Number = 2236881.5, Delta T = 07m33s
Ecliptic obliquity = 23°31'05, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'28, Lahiri = 15°39'29 Julian Calendar 1 Apr. 1412 == Greg. Calendar 10 Apr. 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

MAY 1412 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 10 9	18♉53'34	12♋52	23♈39	10♊49	27♌ 2	3°R28	27♉28	12♒59	2♋14	16♊21	1°R 2	0♓46	22♋11	17°R36	S 1
M 2	15 14 5	19°51'16	27°18	24°32	12° 2	27°23	3♎25	27°36	13° 0	2°16	16°22	0♓58	0°43	22°18	17♎33	M 2
T 3	15 18 2	20°48'57	11♒32	25°29	13°15	27°45	3°21	27°44	13° 0	2°18	16°23	0°57	0°40	22°25	17°29	T 3
W 4	15 21 58	21°46'38	25°34	26°29	14°28	28° 8	3°18	27°52	13° 0	2°19	16°24	0°57	0°37	22°31	17°26	W 4
T 5	15 25 55	22°44'17	9♓23	27°32	15°41	28°30	3°15	27°59	13° 1	2°21	16°26	0°57	0°33	22°38	17°23	T 5
F 6	15 29 51	23°41'55	23° 0	28°38	16°54	28°53	3°12	28° 7	13° 1	2°23	16°27	0°55	0°30	22°45	17°20	F 6
S 7	15 33 48	24°39'32	6♈24	29°47	18° 7	29°17	3° 9	28°15	13° 1	2°25	16°28	0°52	0°27	22°51	17°17	S 7
S 8	15 37 44	25°37'08	19°38	0♉59	19°20	29°40	3° 7	28°23	13° 1	2°27	16°30	0°46	0°24	22°58	17°14	S 8
M 9	15 41 41	26°34'43	2♉40	2°14	20°33	0♍ 4	3° 5	28°31	13°R 1	2°29	16°31	0°36	0°21	23° 5	17°11	M 9
T 10	15 45 38	27°32'17	15°30	3°31	21°46	0°28	3° 2	28°39	13° 1	2°31	16°32	0°25	0°18	23°11	17° 8	T 10
W11	15 49 34	28°29'50	28° 9	4°52	22°58	0°53	3° 0	28°46	13° 1	2°32	16°34	0°12	0°14	23°18	17° 5	W11
T 12	15 53 31	29°27'22	10♊36	6°14	24°11	1°18	2°59	28°54	13° 1	2°34	16°35	29♒58	0°11	23°25	17° 3	T 12
F 13	15 57 27	0♊24'53	22°51	7°40	25°24	1°43	2°57	29° 2	13° 1	2°36	16°37	29°46	0° 8	23°31	17° 0	F 13
S 14	16 1 24	1°22'23	4♋55	9° 8	26°37	2° 8	2°56	29°10	13° 0	2°38	16°38	29°35	0° 5	23°38	16°58	S 14
S 15	16 5 20	2°19'52	16°50	10°38	27°49	2°34	2°54	29°18	13° 0	2°40	16°39	29°27	0° 2	23°45	16°55	S 15
M16	16 9 17	3°17'19	28°40	12°12	29° 2	3° 0	2°53	29°26	13° 0	2°42	16°41	29°21	29♒59	23°51	16°53	M16
T 17	16 13 13	4°14'45	10♌28	13°47	0♋14	3°26	2°52	29°33	12°59	2°44	16°42	29°18	29°55	23°58	16°51	T 17
W18	16 17 10	5°12'10	22°19	15°26	1°27	3°52	2°52	29°41	12°59	2°46	16°43	29°17	29°52	24° 5	16°49	W18
T 19	16 21 7	6° 9'33	4♍17	17° 7	2°40	4°19	2°51	29°49	12°59	2°48	16°45	29°17	29°49	24°11	16°47	T 19
F 20	16 25 3	7° 6'56	16°29	18°50	3°52	4°46	2°51	29°57	12°58	2°50	16°46	29°17	29°46	24°18	16°45	F 20
S 21	16 29 0	8° 4'17	29° 0	20°36	5° 5	5°13	2°D51	0♊ 5	12°58	2°52	16°48	29°16	29°43	24°25	16°43	S 21
S 22	16 32 56	9° 1'37	11♎54	22°24	6°17	5°41	2°51	0°12	12°57	2°54	16°49	29°12	29°39	24°31	16°42	S 22
M23	16 36 53	9°58'57	25°14	24°15	7°29	6° 8	2°51	0°20	12°56	2°56	16°50	29° 6	29°36	24°38	16°40	M23
T 24	16 40 49	10°56'15	9♏ 3	26° 8	8°42	6°36	2°51	0°28	12°56	2°59	16°52	28°58	29°33	24°45	16°39	T 24
W25	16 44 46	11°53'32	23°18	28° 4	9°54	7° 4	2°52	0°36	12°55	3° 1	16°53	28°48	29°30	24°51	16°37	W25
T 26	16 48 42	12°50'49	7♐55	0♊ 2	11° 6	7°32	2°52	0°43	12°54	3° 3	16°55	28°38	29°27	24°58	16°36	T 26
F 27	16 52 39	13°48'05	22°48	2° 2	12°18	8° 1	2°53	0°51	12°53	3° 5	16°56	28°27	29°24	25° 5	16°35	F 27
S 28	16 56 36	14°45'21	7♑46	4° 4	13°31	8°30	2°54	0°59	12°52	3° 7	16°58	28°19	29°20	25°11	16°34	S 28
S 29	17 0 32	15°42'36	22°42	6° 8	14°43	8°59	2°56	1° 7	12°51	3° 9	16°59	28°12	29°17	25°18	16°33	S 29
M30	17 4 29	16°39'50	7♒27	8°14	15°55	9°28	2°57	1°14	12°51	3°11	17° 0	28° 9	29°14	25°25	16°32	M30
T 31	17 8 25	17♊37'05	21♒55	10♊21	17♋ 7	9♍57	2♎59	1♊22	12♒50	3♋14	17♊ 2	28°D 7	29♒11	25♋31	16♎32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n30	26s38	3s45	6n 8	3s19	22n57	0n49	14n 8	1n42	0n 2	1n32	17n58	1s44	17s36	0s40	22n34	0s56	15n26	7s25	11s 9	11s14	24n51	7s26	0s32
M 2	17 46	23 31	2 48	6 26	3 20	23 9	0 51	13 59	1 40	0 3	1 32	18 0	1 44	17 36	0 40	22 34	0 56	15 26	7 25	11 10	11 15	24 49	7 24	0 32
T 3	18 1	19 0	1 41	6 47	3 20	23 21	0 54	13 50	1 39	0 4	1 32	18 2	1 44	17 36	0 40	22 34	0 56	15 26	7 25	11 10	11 16	24 48	7 22	0 31
W 4	18 16	13 29	0 28	7 9	3 20	23 32	0 56	13 41	1 37	0 5	1 32	18 4	1 44	17 36	0 40	22 34	0 56	15 27	7 25	11 10	11 18	24 46	7 21	0 31
T 5	18 31	7 23	0n45	7 32	3 19	23 43	0 58	13 31	1 35	0 6	1 32	18 6	1 44	17 36	0 40	22 34	0 56	15 27	7 25	11 10	11 19	24 44	7 19	0 31
F 6	18 46	1 3	1 54	7 57	3 17	23 53	1 1	13 22	1 34	0 7	1 31	18 7	1 44	17 36	0 40	22 34	0 56	15 27	7 25	11 11	11 20	24 42	7 17	0 30
S 7	19 0	5n14	2 56	8 24	3 15	24 2	1 3	13 12	1 32	0 8	1 31	18 9	1 44	17 36	0 40	22 34	0 56	15 27	7 25	11 12	11 21	24 40	7 16	0 30
S 8	19 14	11 12	3 47	8 52	3 11	24 10	1 5	13 2	1 30	0 9	1 31	18 11	1 43	17 36	0 40	22 34	0 56	15 28	7 24	11 14	11 22	24 39	7 14	0 29
M 9	19 27	16 35	4 26	9 21	3 8	24 18	1 7	12 52	1 29	0 9	1 31	18 13	1 43	17 36	0 40	22 34	0 56	15 28	7 24	11 18	11 23	24 37	7 13	0 29
T 10	19 41	21 9	4 50	9 51	3 3	24 25	1 9	12 42	1 27	0 10	1 30	18 15	1 43	17 36	0 40	22 34	0 56	15 28	7 24	11 22	11 24	24 35	7 11	0 29
W11	19 53	24 41	5 0	10 23	2 58	24 31	1 11	12 32	1 25	0 11	1 30	18 16	1 43	17 36	0 40	22 34	0 56	15 28	7 24	11 26	11 25	24 33	7 10	0 28
T 12	20 6	26 58	4 55	10 56	2 53	24 37	1 14	12 21	1 24	0 11	1 30	18 18	1 43	17 36	0 40	22 34	0 56	15 28	7 24	11 31	11 27	24 31	7 9	0 28
F 13	20 18	27 55	4 36	11 29	2 47	24 42	1 16	12 11	1 22	0 11	1 30	18 20	1 43	17 37	0 40	22 34	0 56	15 29	7 24	11 36	11 28	24 29	7 7	0 27
S 14	20 30	27 31	4 6	12 3	2 40	24 46	1 18	12 0	1 21	0 12	1 29	18 22	1 43	17 37	0 40	22 34	0 56	15 29	7 24	11 39	11 29	24 27	7 6	0 27
S 15	20 42	25 50	3 24	12 39	2 33	24 49	1 19	11 50	1 19	0 12	1 29	18 23	1 43	17 37	0 40	22 34	0 56	15 29	7 24	11 42	11 30	24 26	7 5	0 27
M16	20 53	23 1	2 34	13 15	2 25	24 52	1 21	11 39	1 18	0 12	1 29	18 25	1 43	17 37	0 40	22 34	0 56	15 29	7 24	11 44	11 31	24 24	7 4	0 26
T 17	21 4	19 15	1 38	13 51	2 17	24 54	1 23	11 28	1 16	0 12	1 28	18 27	1 43	17 37	0 40	22 34	0 56	15 30	7 24	11 45	11 32	24 22	7 2	0 26
W18	21 14	14 42	0 37	14 28	2 8	24 56	1 25	11 17	1 15	0 12	1 28	18 28	1 43	17 37	0 41	22 34	0 56	15 30	7 24	11 45	11 33	24 20	7 1	0 26
T 19	21 24	9 34	0s26	15 6	1 59	24 56	1 27	11 6	1 13	0 12	1 28	18 30	1 43	17 37	0 41	22 34	0 56	15 30	7 23	11 46	11 34	24 18	7 0	0 25
F 20	21 34	3 58	1 30	15 43	1 50	24 56	1 28	10 54	1 12	0 12	1 28	18 32	1 43	17 38	0 41	22 34	0 56	15 30	7 23	11 46	11 36	24 16	6 59	0 25
S 21	21 44	1s54	2 30	16 21	1 40	24 55	1 30	10 43	1 10	0 12	1 27	18 33	1 43	17 38	0 41	22 33	0 56	15 30	7 23	11 46	11 37	24 14	6 58	0 24
S 22	21 53	7 52	3 25	16 59	1 30	24 54	1 32	10 32	1 9	0 12	1 27	18 35	1 43	17 38	0 41	22 33	0 56	15 31	7 23	11 47	11 38	24 12	6 57	0 24
M23	22 1	13 41	4 11	17 37	1 20	24 51	1 33	10 20	1 8	0 12	1 27	18 37	1 43	17 38	0 41	22 33	0 56	15 31	7 23	11 49	11 39	24 10	6 56	0 24
T 24	22 9	19 2	4 44	18 14	1 9	24 48	1 34	10 8	1 6	0 11	1 27	18 38	1 43	17 38	0 41	22 33	0 56	15 31	7 23	11 52	11 40	24 8	6 55	0 23
W25	22 17	23 30	5 0	18 51	0 58	24 44	1 36	9 57	1 5	0 11	1 26	18 40	1 43	17 39	0 41	22 33	0 56	15 31	7 23	11 56	11 41	24 7	6 54	0 23
T 26	22 25	26 36	4 57	19 27	0 47	24 40	1 37	9 45	1 3	0 10	1 26	18 42	1 43	17 39	0 41	22 33	0 56	15 31	7 23	11 59	11 42	24 5	6 54	0 22
F 27	22 32	27 54	4 35	20 3	0 36	24 35	1 38	9 33	1 2	0 10	1 26	18 43	1 43	17 39	0 41	22 33	0 56	15 32	7 23	12 3	11 43	24 3	6 53	0 22
S 28	22 39	27 10	3 54	20 37	0 25	24 29	1 40	9 21	1 1	0 9	1 26	18 45	1 43	17 39	0 41	22 33	0 56	15 32	7 23	12 6	11 44	24 1	6 52	0 22
S 29	22 45	24 30	2 56	21 11	0 14	24 22	1 41	9 9	0 59	0 8	1 25	18 46	1 43	17 40	0 41	22 33	0 56	15 32	7 23	12 8	11 46	23 59	6 51	0 21
M30	22 51	20 12	1 47	21 42	0 3	24 15	1 42	8 56	0 58	0 7	1 25	18 48	1 43	17 40	0 41	22 33	0 56	15 32	7 23	12 9	11 47	23 57	6 51	0 21
T 31	22n56	14s46	0s33	22n13	0n 8	24n 7	1n43	8n44	0n57	0n 6	1n25	18n50	1s43	17s40	0s41	22n33	0s56	15n32	7s23	12s10	11s48	23n55	6s50	0s21

Julian Day Number = 2236911.5, Delta T = 07m33s
Ecliptic obliquity = 23°31'04, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'32, Lahiri = 15°39'33 Julian Calendar 1 May 1412 == Greg. Calendar 10 May 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

JUNE 1412 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 12 22	18♊34'18	6♓ 5	12♊30	18♋19	10♍27	3♎ 0	1♊29	12°R48	3♋16	17♊ 3	28♒ 7	29♒ 8	25♋38	16°R31	W 1
T 2	17 16 18	19°31'32	19°54	14°40	19°31	10°56	3° 2	1°37	12♒47	3°18	17° 5	28°R 8	29° 5	25°45	16♎31	T 2
F 3	17 20 15	20°28'46	3♈25	16°50	20°43	11°26	3° 5	1°45	12°46	3°20	17° 6	28° 7	29° 1	25°51	16°30	F 3
S 4	17 24 11	21°25'59	16°38	19° 1	21°55	11°56	3° 7	1°52	12°45	3°22	17° 7	28° 4	28°58	25°58	16°30	S 4
S 5	17 28 8	22°23'12	29°37	21°13	23° 7	12°27	3° 9	2° 0	12°44	3°24	17° 9	27°59	28°55	26° 5	16°30	S 5
M 6	17 32 5	23°20'26	12♉21	23°24	24°18	12°57	3°12	2° 7	12°43	3°27	17°10	27°52	28°52	26°11	16°D30	M 6
T 7	17 36 1	24°17'39	24°54	25°35	25°30	13°28	3°15	2°15	12°41	3°29	17°12	27°42	28°49	26°18	16°30	T 7
W 8	17 39 58	25°14'52	7♊17	27°46	26°42	13°59	3°18	2°22	12°40	3°31	17°13	27°31	28°45	26°25	16°30	W 8
T 9	17 43 54	26°12'05	19°29	29°56	27°54	14°30	3°21	2°30	12°39	3°33	17°15	27°20	28°42	26°31	16°30	T 9
F 10	17 47 51	27° 9'17	1♋33	2♋ 5	29° 5	15° 1	3°24	2°37	12°37	3°35	17°16	27° 9	28°39	26°38	16°31	F 10
S 11	17 51 47	28° 6'30	13°30	4°13	0♌17	15°32	3°28	2°44	12°36	3°38	17°17	27° 0	28°36	26°45	16°31	S 11
S 12	17 55 44	29° 3'42	25°21	6°19	1°28	16° 4	3°31	2°52	12°34	3°40	17°19	26°54	28°33	26°51	16°32	S 12
M13	17 59 41	0♋ 0'54	7♌ 8	8°24	2°40	16°36	3°35	2°59	12°33	3°42	17°20	26°49	28°30	26°58	16°33	M13
T 14	18 3 37	0°58'05	18°56	10°27	3°51	17° 8	3°39	3° 6	12°31	3°44	17°22	26°47	28°26	27° 5	16°34	T 14
W15	18 7 34	1°55'17	0♍46	12°28	5° 3	17°40	3°43	3°13	12°29	3°47	17°23	26°D47	28°23	27°11	16°35	W15
T 16	18 11 30	2°52'28	12°45	14°28	6°14	18°12	3°48	3°21	12°28	3°49	17°24	26°48	28°20	27°18	16°36	T 16
F 17	18 15 27	3°49'39	24°56	16°26	7°25	18°44	3°52	3°28	12°26	3°51	17°26	26°49	28°17	27°25	16°37	F 17
S 18	18 19 23	4°46'49	7♎24	18°22	8°37	19°17	3°57	3°35	12°24	3°53	17°27	26°R49	28°14	27°31	16°38	S 18
S 19	18 23 20	5°43'59	20°16	20°16	9°48	19°50	4° 2	3°42	12°23	3°56	17°28	26°48	28°11	27°38	16°39	S 19
M20	18 27 16	6°41'10	3♏33	22° 8	10°59	20°22	4° 6	3°49	12°21	3°58	17°30	26°45	28° 7	27°45	16°41	M20
T 21	18 31 13	7°38'20	17°20	23°58	12°10	20°55	4°12	3°56	12°19	4° 0	17°31	26°40	28° 4	27°51	16°43	T 21
W22	18 35 10	8°35'30	1♐35	25°46	13°21	21°28	4°17	4° 3	12°17	4° 2	17°32	26°34	28° 1	27°58	16°44	W22
T 23	18 39 6	9°32'40	16°16	27°33	14°32	22° 2	4°22	4°10	12°15	4° 4	17°34	26°27	27°58	28° 5	16°46	T 23
F 24	18 43 3	10°29'50	1♑17	29°17	15°43	22°35	4°28	4°17	12°14	4° 7	17°35	26°20	27°55	28°11	16°48	F 24
S 25	18 46 59	11°27'01	16°27	0♌59	16°54	23° 9	4°33	4°24	12°12	4° 9	17°36	26°14	27°51	28°18	16°50	S 25
S 26	18 50 56	12°24'12	1♒39	2°39	18° 5	23°42	4°39	4°30	12°10	4°11	17°38	26°10	27°48	28°25	16°52	S 26
M27	18 54 52	13°21'23	16°41	4°17	19°15	24°16	4°45	4°37	12° 8	4°13	17°39	26° 8	27°45	28°31	16°54	M27
T 28	18 58 49	14°18'35	1♓26	5°54	20°26	24°50	4°51	4°44	12° 6	4°16	17°40	26°D 8	27°42	28°38	16°57	T 28
W29	19 2 45	15°15'47	15°48	7°28	21°36	25°24	4°57	4°50	12° 4	4°18	17°42	26° 9	27°39	28°45	16°59	W29
T 30	19 6 42	16♋13'00	29♓47	9♌ 0	22♌47	25♍59	5♎ 4	4♊57	12♒ 2	4♋20	17♊43	26♒11	27♒36	28♋51	17♎ 2	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 1	8s39	0n42	22n41	0n19	23n58	1n44	8n32	0n55	0n 5	1n24	18n51	1s43	17s41	0s41	22n33	0s55	15n32	7s23	12s10	11s49	23n53	6s49	0s20
T 2	23 6	2 17	1 53	23 7	0 29	23 49	1 45	8 19	0 54	0 4	1 24	18 53	1 43	17 41	0 41	22 33	0 55	15 33	7 23	12 10	11 50	23 51	6 49	0 20
F 3	23 10	4n 3	2 56	23 31	0 39	23 39	1 45	8 7	0 53	0 3	1 24	18 54	1 43	17 41	0 41	22 33	0 55	15 33	7 23	12 10	11 51	23 49	6 48	0 19
S 4	23 14	10 4	3 48	23 52	0 49	23 28	1 46	7 54	0 51	0 2	1 24	18 56	1 43	17 42	0 41	22 33	0 55	15 33	7 23	12 11	11 52	23 47	6 48	0 19
S 5	23 18	15 32	4 27	24 11	0 58	23 17	1 47	7 41	0 50	0 1	1 23	18 57	1 43	17 42	0 41	22 33	0 55	15 33	7 23	12 13	11 53	23 45	6 48	0 19
M 6	23 21	20 14	4 52	24 27	1 6	23 5	1 47	7 28	0 49	0s 0	1 23	18 59	1 43	17 42	0 41	22 33	0 55	15 33	7 22	12 15	11 54	23 43	6 47	0 18
T 7	23 24	23 57	5 3	24 40	1 14	22 52	1 48	7 15	0 48	0 2	1 23	19 0	1 43	17 43	0 41	22 33	0 55	15 33	7 22	12 19	11 56	23 41	6 47	0 18
W 8	23 26	26 30	4 59	24 51	1 21	22 39	1 48	7 2	0 47	0 3	1 23	19 2	1 43	17 43	0 41	22 33	0 55	15 34	7 22	12 22	11 57	23 39	6 47	0 18
T 9	23 28	27 46	4 41	24 59	1 28	22 25	1 48	6 49	0 45	0 5	1 22	19 3	1 43	17 44	0 41	22 33	0 55	15 34	7 22	12 26	11 58	23 37	6 46	0 17
F 10	23 29	27 42	4 11	25 3	1 33	22 11	1 49	6 36	0 44	0 6	1 22	19 4	1 43	17 44	0 41	22 33	0 55	15 34	7 22	12 30	11 59	23 35	6 46	0 17
S 11	23 30	26 19	3 30	25 5	1 38	21 56	1 49	6 23	0 43	0 8	1 22	19 6	1 43	17 45	0 41	22 33	0 55	15 34	7 22	12 33	12 0	23 33	6 46	0 16
S 12	23 31	23 46	2 40	25 5	1 43	21 40	1 49	6 9	0 42	0 9	1 22	19 7	1 43	17 45	0 41	22 33	0 55	15 34	7 22	12 35	12 1	23 31	6 46	0 16
M13	23 31	20 13	1 43	25 1	1 46	21 24	1 49	5 56	0 40	0 11	1 21	19 9	1 43	17 46	0 41	22 33	0 55	15 34	7 22	12 37	12 2	23 29	6 46	0 16
T 14	23 31	15 52	0 42	24 55	1 49	21 7	1 49	5 42	0 39	0 13	1 21	19 10	1 43	17 46	0 41	22 33	0 55	15 34	7 22	12 38	12 3	23 27	6 46	0 15
W15	23 30	10 54	0s21	24 47	1 52	20 49	1 48	5 29	0 38	0 15	1 21	19 11	1 43	17 46	0 41	22 33	0 55	15 35	7 22	12 38	12 4	23 24	6 46	0 15
T 16	23 29	5 30	1 25	24 36	1 53	20 31	1 48	5 15	0 37	0 17	1 21	19 13	1 43	17 47	0 41	22 32	0 55	15 35	7 22	12 37	12 6	23 22	6 46	0 15
F 17	23 28	0s12	2 26	24 23	1 54	20 13	1 48	5 1	0 36	0 19	1 20	19 14	1 43	17 47	0 42	22 32	0 55	15 35	7 22	12 37	12 7	23 20	6 46	0 14
S 18	23 26	6 1	3 21	24 8	1 54	19 54	1 47	4 47	0 35	0 21	1 20	19 15	1 43	17 48	0 42	22 32	0 55	15 35	7 22	12 37	12 8	23 18	6 46	0 14
S 19	23 24	11 46	4 8	23 51	1 53	19 34	1 47	4 33	0 34	0 23	1 20	19 17	1 43	17 48	0 42	22 32	0 55	15 35	7 22	12 37	12 9	23 16	6 47	0 14
M20	23 21	17 11	4 43	23 32	1 52	19 14	1 46	4 19	0 32	0 25	1 20	19 18	1 43	17 49	0 42	22 32	0 55	15 35	7 22	12 38	12 10	23 14	6 47	0 13
T 21	23 18	21 55	5 4	23 11	1 50	18 53	1 45	4 5	0 31	0 28	1 19	19 19	1 43	17 50	0 42	22 32	0 55	15 35	7 22	12 40	12 11	23 12	6 47	0 13
W22	23 14	25 33	5 7	22 49	1 47	18 32	1 45	3 51	0 30	0 30	1 19	19 21	1 43	17 50	0 42	22 32	0 55	15 35	7 22	12 42	12 12	23 10	6 47	0 12
T 23	23 10	27 37	4 50	22 25	1 44	18 11	1 44	3 37	0 29	0 32	1 19	19 22	1 43	17 51	0 42	22 32	0 55	15 35	7 22	12 44	12 13	23 8	6 48	0 12
F 24	23 6	27 44	4 13	22 0	1 41	17 49	1 43	3 23	0 28	0 35	1 19	19 23	1 43	17 51	0 42	22 32	0 55	15 36	7 22	12 47	12 14	23 6	6 48	0 12
S 25	23 1	25 46	3 18	21 34	1 36	17 26	1 42	3 9	0 27	0 37	1 18	19 24	1 43	17 52	0 42	22 32	0 55	15 36	7 22	12 49	12 15	23 4	6 49	0 11
S 26	22 56	21 57	2 9	21 7	1 31	17 3	1 41	2 54	0 26	0 40	1 18	19 25	1 43	17 52	0 42	22 32	0 55	15 36	7 22	12 50	12 17	23 1	6 49	0 11
M27	22 51	16 42	0 51	20 39	1 26	16 40	1 39	2 40	0 25	0 42	1 18	19 27	1 43	17 53	0 42	22 32	0 55	15 36	7 22	12 51	12 18	22 59	6 50	0 11
T 28	22 45	10 33	0n29	20 9	1 20	16 16	1 38	2 25	0 24	0 45	1 18	19 28	1 43	17 54	0 42	22 32	0 55	15 36	7 22	12 51	12 19	22 57	6 50	0 10
W29	22 38	4 0	1 45	19 39	1 14	15 52	1 37	2 11	0 23	0 48	1 17	19 29	1 43	17 54	0 42	22 32	0 55	15 36	7 23	12 50	12 20	22 55	6 51	0 10
T 30	22n32	2n33	2n53	19n 9	1n 7	15n28	1n35	1n56	0n22	0s50	1n17	19n30	1s43	17s55	0s42	22n32	0s55	15n36	7s23	12s50	12s21	22n53	6s52	0s10

Julian Day Number = 2236942.5, Delta T = 07m33s
Ecliptic obliquity = 23°31'04, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'37, Lahiri = 15°39'37 Julian Calendar 1 June 1412 == Greg. Calendar 10 June 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

JULY 1412 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 10 39	17♋10'14	13♈21	10♌31	23♌57	26♍33	5♎10	5♊ 3	11°R59	4♋22	17♊44	26°R11	27♒32	28♋58	17♎ 4	F 1
S 2	19 14 35	18° 7'28	26°33	11°59	25° 8	27° 8	5°17	5°10	11♒57	4°24	17°45	26♒11	27°29	29° 5	17° 7	S 2
S 3	19 18 32	19° 4'43	9♉26	13°25	26°18	27°42	5°24	5°16	11°55	4°27	17°47	26° 9	27°26	29°11	17°10	S 3
M 4	19 22 28	20° 2'00	22° 1	14°50	27°28	28°17	5°31	5°23	11°53	4°29	17°48	26° 6	27°23	29°18	17°13	M 4
T 5	19 26 25	20°59'17	4♊22	16°12	28°39	28°52	5°38	5°29	11°51	4°31	17°49	26° 1	27°20	29°25	17°16	T 5
W 6	19 30 21	21°56'34	16°33	17°32	29°49	29°27	5°45	5°35	11°49	4°33	17°50	25°55	27°17	29°31	17°19	W 6
T 7	19 34 18	22°53'53	28°35	18°50	0♍59	0♎ 2	5°52	5°41	11°46	4°35	17°52	25°50	27°13	29°38	17°23	T 7
F 8	19 38 14	23°51'13	10♋30	20° 5	2° 9	0°37	6° 0	5°48	11°44	4°37	17°53	25°44	27°10	29°45	17°26	F 8
S 9	19 42 11	24°48'33	22°20	21°19	3°19	1°13	6° 7	5°54	11°42	4°39	17°54	25°39	27° 7	29°51	17°29	S 9
S 10	19 46 8	25°45'54	4♌ 8	22°30	4°28	1°48	6°15	6° 0	11°40	4°42	17°55	25°36	27° 4	29°58	17°33	S 10
M11	19 50 4	26°43'16	15°56	23°39	5°38	2°24	6°23	6° 6	11°37	4°44	17°56	25°34	27° 1	0♌ 5	17°37	M11
T 12	19 54 1	27°40'38	27°46	24°45	6°48	3° 0	6°31	6°11	11°35	4°46	17°57	25°D34	26°57	0°11	17°40	T 12
W13	19 57 57	28°38'01	9♍40	25°48	7°57	3°36	6°39	6°17	11°33	4°48	17°59	25°35	26°54	0°18	17°44	W13
T 14	20 1 54	29°35'25	21°42	26°49	9° 7	4°12	6°47	6°23	11°31	4°50	18° 0	25°36	26°51	0°25	17°48	T 14
F 15	20 5 50	0♌32'49	3♎56	27°47	10°16	4°48	6°55	6°29	11°28	4°52	18° 1	25°38	26°48	0°31	17°52	F 15
S 16	20 9 47	1°30'14	16°26	28°42	11°26	5°24	7° 4	6°34	11°26	4°54	18° 2	25°39	26°45	0°38	17°57	S 16
S 17	20 13 43	2°27'40	29°16	29°34	12°35	6° 0	7°12	6°40	11°24	4°56	18° 3	25°R40	26°42	0°45	18° 1	S 17
M18	20 17 40	3°25'06	12♏29	0♍23	13°44	6°37	7°21	6°45	11°21	4°58	18° 4	25°40	26°38	0°51	18° 5	M18
T 19	20 21 37	4°22'33	26° 8	1° 9	14°53	7°14	7°29	6°51	11°19	5° 0	18° 5	25°38	26°35	0°58	18°10	T 19
W20	20 25 33	5°20'01	10♐15	1°50	16° 2	7°50	7°38	6°56	11°16	5° 2	18° 6	25°36	26°32	1° 5	18°14	W20
T 21	20 29 30	6°17'30	24°47	2°29	17°11	8°27	7°47	7° 1	11°14	5° 4	18° 7	25°34	26°29	1°11	18°19	T 21
F 22	20 33 26	7°15'00	9♑40	3° 3	18°20	9° 4	7°56	7° 7	11°12	5° 6	18° 8	25°32	26°26	1°18	18°23	F 22
S 23	20 37 23	8°12'31	24°48	3°33	19°28	9°41	8° 5	7°12	11° 9	5° 8	18° 9	25°30	26°23	1°25	18°28	S 23
S 24	20 41 19	9°10'03	10♒ 1	3°59	20°37	10°18	8°15	7°17	11° 7	5°10	18°10	25°28	26°19	1°31	18°33	S 24
M25	20 45 16	10° 7'36	25° 9	4°20	21°45	10°55	8°24	7°22	11° 4	5°12	18°11	25°D28	26°16	1°38	18°38	M25
T 26	20 49 13	11° 5'10	10♓ 4	4°37	22°53	11°33	8°34	7°27	11° 2	5°14	18°12	25°28	26°13	1°45	18°43	T 26
W27	20 53 9	12° 2'45	24°39	4°49	24° 2	12°10	8°43	7°31	11° 0	5°16	18°13	25°29	26°10	1°51	18°48	W27
T 28	20 57 6	13° 0'22	8♈49	4°55	25°10	12°48	8°53	7°36	10°57	5°17	18°14	25°30	26° 7	1°58	18°53	T 28
F 29	21 1 2	13°58'01	22°32	4°R56	26°18	13°25	9° 3	7°41	10°55	5°19	18°15	25°31	26° 3	2° 5	18°58	F 29
S 30	21 4 59	14°55'41	5♉49	4°52	27°26	14° 3	9°12	7°45	10°52	5°21	18°16	25°32	26° 0	2°11	19° 4	S 30
S 31	21 8 55	15♌53'23	18♉43	4♍42	28♍33	14♎41	9♎22	7♊50	10♒50	5♋23	18♊16	25°R32	25♒57	2♌18	19♎ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n25	8n48	3n49	18n38	1n 0	15n 3	1n34	1n42	0n21	0s53	1n17	19n31	1s43	17s55	0s42	22n32	0s55	15n36	7s23	12s50	12s22	22n51	6s52	0s 9
S 2	22 17	14 29	4 31	18 6	0 53	14 38	1 32	1 27	0 20	0 56	1 17	19 32	1 43	17 56	0 42	22 31	0 55	15 36	7 23	12 50	12 23	22 49	6 53	0 9
S 3	22 9	19 23	4 58	17 34	0 45	14 12	1 30	1 12	0 19	0 59	1 16	19 33	1 43	17 57	0 42	22 31	0 55	15 36	7 23	12 50	12 24	22 46	6 54	0 9
M 4	22 1	23 19	5 10	17 1	0 36	13 46	1 28	0 57	0 18	1 2	1 16	19 34	1 43	17 57	0 42	22 31	0 55	15 36	7 23	12 52	12 25	22 44	6 55	0 8
T 5	21 52	26 8	5 8	16 28	0 28	13 20	1 26	0 43	0 17	1 5	1 16	19 35	1 43	17 58	0 42	22 31	0 55	15 36	7 23	12 53	12 26	22 42	6 56	0 8
W 6	21 43	27 40	4 51	15 55	0 18	12 53	1 24	0 28	0 16	1 8	1 16	19 36	1 44	17 58	0 42	22 31	0 55	15 37	7 23	12 55	12 27	22 40	6 57	0 8
T 7	21 34	27 53	4 22	15 22	0 9	12 26	1 22	0 13	0 15	1 11	1 16	19 37	1 44	17 59	0 42	22 31	0 55	15 37	7 23	12 57	12 29	22 38	6 57	0 7
F 8	21 24	26 47	3 42	14 49	0s 1	11 59	1 20	0s 2	0 14	1 14	1 15	19 38	1 44	18 0	0 42	22 31	0 55	15 37	7 23	12 59	12 30	22 35	6 58	0 7
S 9	21 14	24 29	2 52	14 16	0 11	11 32	1 17	0 17	0 13	1 17	1 15	19 39	1 44	18 0	0 42	22 31	0 55	15 37	7 23	13 1	12 31	22 33	6 59	0 7
S 10	21 4	21 9	1 55	13 44	0 21	11 4	1 15	0 32	0 12	1 21	1 15	19 40	1 44	18 1	0 42	22 31	0 55	15 37	7 23	13 2	12 32	22 31	7 1	0 6
M11	20 53	16 57	0 53	13 11	0 32	10 36	1 13	0 47	0 11	1 24	1 15	19 41	1 44	18 2	0 42	22 31	0 55	15 37	7 23	13 2	12 33	22 29	7 2	0 6
T 12	20 42	12 6	0s12	12 39	0 42	10 8	1 10	1 3	0 10	1 27	1 14	19 42	1 44	18 2	0 42	22 31	0 55	15 37	7 23	13 2	12 34	22 27	7 3	0 6
W13	20 30	6 47	1 17	12 7	0 53	9 39	1 7	1 18	0 9	1 31	1 14	19 43	1 44	18 3	0 42	22 31	0 55	15 37	7 23	13 2	12 35	22 24	7 4	0 5
T 14	20 18	1 10	2 19	11 36	1 5	9 10	1 5	1 33	0 8	1 34	1 14	19 44	1 44	18 4	0 42	22 31	0 55	15 37	7 23	13 2	12 36	22 22	7 5	0 5
F 15	20 6	4s34	3 16	11 5	1 16	8 42	1 2	1 48	0 7	1 38	1 14	19 45	1 44	18 4	0 42	22 31	0 55	15 37	7 23	13 1	12 37	22 20	7 6	0 5
S 16	19 53	10 15	4 5	10 36	1 28	8 12	0 59	2 4	0 6	1 41	1 14	19 46	1 44	18 5	0 42	22 30	0 55	15 37	7 23	13 1	12 38	22 18	7 8	0 4
S 17	19 40	15 39	4 43	10 6	1 39	7 43	0 56	2 19	0 5	1 45	1 13	19 47	1 44	18 6	0 42	22 30	0 55	15 37	7 23	13 0	12 39	22 15	7 9	0 4
M18	19 27	20 30	5 7	9 38	1 51	7 14	0 53	2 34	0 4	1 48	1 13	19 48	1 44	18 6	0 42	22 30	0 55	15 37	7 23	13 1	12 41	22 13	7 10	0 4
T 19	19 14	24 27	5 15	9 11	2 3	6 44	0 50	2 49	0 3	1 52	1 13	19 48	1 45	18 7	0 42	22 30	0 55	15 37	7 24	13 1	12 42	22 11	7 12	0 3
W20	19 0	27 5	5 5	8 45	2 15	6 14	0 46	3 5	0 2	1 56	1 13	19 49	1 45	18 8	0 42	22 30	0 55	15 37	7 24	13 2	12 43	22 9	7 13	0 3
T 21	18 46	28 0	4 36	8 20	2 27	5 44	0 43	3 20	0 2	1 59	1 13	19 50	1 45	18 8	0 42	22 30	0 55	15 37	7 24	13 2	12 44	22 6	7 15	0 3
F 22	18 31	26 56	3 47	7 57	2 39	5 14	0 39	3 36	0 1	2 3	1 12	19 51	1 45	18 9	0 42	22 30	0 55	15 37	7 24	13 3	12 45	22 4	7 16	0 3
S 23	18 16	23 53	2 42	7 35	2 51	4 44	0 36	3 51	0s 0	2 7	1 12	19 51	1 45	18 10	0 42	22 30	0 55	15 37	7 24	13 4	12 46	22 2	7 18	0 2
S 24	18 1	19 9	1 25	7 15	3 2	4 14	0 32	4 7	0 1	2 11	1 12	19 52	1 45	18 10	0 42	22 30	0 55	15 37	7 24	13 4	12 47	22 0	7 19	0 2
M25	17 46	13 12	0 2	6 57	3 14	3 43	0 29	4 22	0 2	2 14	1 12	19 53	1 45	18 11	0 42	22 30	0 55	15 37	7 24	13 4	12 48	21 57	7 21	0 2
T 26	17 30	6 35	1n20	6 40	3 25	3 13	0 25	4 37	0 3	2 18	1 12	19 54	1 45	18 12	0 42	22 30	0 55	15 37	7 24	13 4	12 49	21 55	7 23	0 1
W27	17 14	0n14	2 35	6 26	3 35	2 42	0 21	4 53	0 4	2 22	1 12	19 54	1 45	18 12	0 42	22 30	0 55	15 37	7 24	13 4	12 50	21 53	7 24	0 1
T 28	16 58	6 50	3 38	6 14	3 46	2 12	0 17	5 8	0 5	2 26	1 11	19 55	1 45	18 13	0 42	22 29	0 55	15 37	7 24	13 4	12 51	21 51	7 26	0 1
F 29	16 41	12 55	4 26	6 5	3 55	1 41	0 13	5 24	0 5	2 30	1 11	19 56	1 46	18 14	0 42	22 29	0 55	15 37	7 24	13 3	12 52	21 48	7 28	0 0
S 30	16 25	18 12	4 59	5 58	4 4	1 10	0 9	5 39	0 6	2 34	1 11	19 56	1 46	18 14	0 42	22 29	0 55	15 37	7 24	13 3	12 54	21 46	7 29	0 0
S 31	16n 8	22n29	5n15	5n54	4s13	0n40	0n 5	5s55	0s 7	2s38	1n11	19n57	1s46	18s15	0s42	22n29	0s55	15n37	7s25	13s 3	12s55	21n44	7s31	0n 0

Julian Day Number = 2236972.5, Delta T = 07m33s
Ecliptic obliquity = 23°31'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'41, Lahiri = 15°39'41 Julian Calendar 1 July 1412 == Greg. Calendar 10 July 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

AUGUST 1412 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 12 52	16♌51'06	1♊16	4°R26	29♍41	15♎19	9♎32	7♊54	10°R48	5♋25	18♊17	25°R32	25♒54	2♌25	19♎15	M 1
T 2	21 16 48	17°48'51	13°33	4♍ 5	0♎48	15°57	9°42	7°59	10♒45	5°26	18°18	25♒31	25°51	2°31	19°20	T 2
W 3	21 20 45	18°46'38	25°37	3°38	1°56	16°35	9°53	8° 3	10°43	5°28	18°19	25°30	25°48	2°38	19°26	W 3
T 4	21 24 42	19°44'27	7♋32	3° 6	3° 3	17°14	10° 3	8° 7	10°41	5°30	18°20	25°29	25°44	2°45	19°32	T 4
F 5	21 28 38	20°42'17	19°22	2°28	4°10	17°52	10°13	8°11	10°38	5°32	18°20	25°29	25°41	2°51	19°38	F 5
S 6	21 32 35	21°40'08	1♌10	1°46	5°17	18°30	10°24	8°15	10°36	5°33	18°21	25°28	25°38	2°58	19°43	S 6
S 7	21 36 31	22°38'02	12°59	0°59	6°24	19° 9	10°34	8°19	10°34	5°35	18°22	25°28	25°35	3° 5	19°49	S 7
M 8	21 40 28	23°35'56	24°50	0° 9	7°30	19°48	10°45	8°23	10°31	5°37	18°23	25°D28	25°32	3°11	19°56	M 8
T 9	21 44 24	24°33'53	6♍46	29♌16	8°37	20°27	10°56	8°26	10°29	5°38	18°23	25°28	25°29	3°18	20° 2	T 9
W10	21 48 21	25°31'51	18°49	28°22	9°43	21° 5	11° 7	8°30	10°27	5°40	18°24	25°R28	25°25	3°24	20° 8	W10
T 11	21 52 17	26°29'50	1♎ 2	27°26	10°49	21°44	11°17	8°33	10°24	5°41	18°25	25°28	25°22	3°31	20°14	T 11
F 12	21 56 14	27°27'51	13°26	26°31	11°56	22°24	11°28	8°37	10°22	5°43	18°25	25°28	25°19	3°38	20°20	F 12
S 13	22 0 10	28°25'53	26° 4	25°38	13° 1	23° 3	11°39	8°40	10°20	5°44	18°26	25°27	25°16	3°44	20°27	S 13
S 14	22 4 7	29°23'57	8♏58	24°47	14° 7	23°42	11°51	8°43	10°18	5°46	18°26	25°27	25°13	3°51	20°33	S 14
M15	22 8 4	0♍22'02	22°11	24° 0	15°13	24°21	12° 2	8°46	10°15	5°47	18°27	25°27	25° 9	3°58	20°40	M15
T 16	22 12 0	1°20'08	5♐45	23°18	16°18	25° 1	12°13	8°49	10°13	5°49	18°27	25°D27	25° 6	4° 4	20°46	T 16
W17	22 15 57	2°18'16	19°40	22°42	17°23	25°40	12°24	8°52	10°11	5°50	18°28	25°27	25° 3	4°11	20°53	W17
T 18	22 19 53	3°16'26	3♑57	22°12	18°28	26°20	12°36	8°55	10° 9	5°52	18°29	25°27	25° 0	4°18	21° 0	T 18
F 19	22 23 50	4°14'37	18°33	21°51	19°33	27° 0	12°47	8°58	10° 7	5°53	18°29	25°28	24°57	4°24	21° 6	F 19
S 20	22 27 46	5°12'50	3♒23	21°37	20°38	27°40	12°59	9° 1	10° 5	5°54	18°29	25°29	24°54	4°31	21°13	S 20
S 21	22 31 43	6°11'04	18°22	21°D33	21°42	28°20	13°10	9° 3	10° 3	5°56	18°30	25°R29	24°50	4°38	21°20	S 21
M22	22 35 40	7° 9'19	3♓22	21°37	22°46	29° 0	13°22	9° 5	10° 1	5°57	18°30	25°29	24°47	4°44	21°27	M22
T 23	22 39 36	8° 7'37	18°15	21°50	23°50	29°40	13°33	9° 8	9°59	5°58	18°31	25°29	24°44	4°51	21°34	T 23
W24	22 43 33	9° 5'56	2♈52	22°12	24°54	0♏20	13°45	9°10	9°57	5°59	18°31	25°27	24°41	4°58	21°41	W24
T 25	22 47 29	10° 4'18	17° 7	22°42	25°57	1° 0	13°57	9°12	9°55	6° 1	18°31	25°26	24°38	5° 4	21°48	T 25
F 26	22 51 26	11° 2'41	0♉57	23°22	27° 0	1°41	14° 9	9°14	9°53	6° 2	18°32	25°24	24°34	5°11	21°55	F 26
S 27	22 55 22	12° 1'07	14°21	24°10	28° 3	2°21	14°21	9°16	9°51	6° 3	18°32	25°22	24°31	5°18	22° 3	S 27
S 28	22 59 19	12°59'34	27°19	25° 5	29° 6	3° 2	14°33	9°18	9°49	6° 4	18°32	25°20	24°28	5°24	22°10	S 28
M29	23 3 15	13°58'05	9♊55	26° 8	0♏ 8	3°42	14°45	9°20	9°47	6° 5	18°33	25°D20	24°25	5°31	22°17	M29
T 30	23 7 12	14°56'37	22°12	27°18	1°10	4°23	14°57	9°21	9°45	6° 6	18°33	25°20	24°22	5°38	22°24	T 30
W31	23 11 8	15♍55'11	4♋15	28♌34	2♏12	5♏ 4	15♎ 9	9♊23	9♒43	6♋ 7	18♊33	25♒21	24♒19	5♌44	22♎32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n50	25n37	5n16	5n53	4s20	0n 9	0n 1	6s10	0s 8	2s43	1n11	19n57	1s46	18s16	0s42	22n29	0s55	15n37	7s25	13s 3	12s56	21n41	7s33	0n 1
T 2	15 33	27 29	5 2	5 54	4 26	0s22	0s 3	6 26	0 9	2 47	1 11	19 58	1 46	18 16	0 42	22 29	0 55	15 37	7 25	13 3	12 57	21 39	7 35	0 1
W 3	15 15	28 1	4 35	5 59	4 31	0 53	0 7	6 41	0 10	2 51	1 10	19 59	1 46	18 17	0 42	22 29	0 55	15 37	7 25	13 4	12 58	21 37	7 37	0 1
T 4	14 57	27 14	3 56	6 7	4 35	1 24	0 12	6 57	0 10	2 55	1 10	19 59	1 46	18 17	0 42	22 29	0 55	15 37	7 25	13 4	12 59	21 34	7 39	0 1
F 5	14 38	25 12	3 7	6 19	4 37	1 54	0 16	7 12	0 11	2 59	1 10	20 0	1 46	18 18	0 42	22 29	0 55	15 37	7 25	13 4	13 0	21 32	7 41	0 2
S 6	14 20	22 5	2 11	6 33	4 38	2 25	0 21	7 28	0 12	3 4	1 10	20 0	1 46	18 19	0 42	22 29	0 55	15 37	7 25	13 4	13 1	21 30	7 43	0 2
S 7	14 1	18 4	1 9	6 50	4 37	2 56	0 25	7 43	0 13	3 8	1 10	20 1	1 47	18 19	0 42	22 29	0 55	15 37	7 25	13 5	13 2	21 27	7 44	0 2
M 8	13 42	13 21	0 4	7 11	4 34	3 27	0 30	7 59	0 14	3 12	1 10	20 1	1 47	18 20	0 42	22 29	0 55	15 37	7 25	13 5	13 3	21 25	7 47	0 3
T 9	13 23	8 5	1s 2	7 33	4 29	3 57	0 34	8 14	0 14	3 16	1 9	20 2	1 47	18 21	0 42	22 28	0 55	15 37	7 25	13 5	13 4	21 23	7 49	0 3
W10	13 3	2 30	2 6	7 59	4 22	4 28	0 39	8 29	0 15	3 21	1 9	20 2	1 47	18 21	0 42	22 28	0 55	15 37	7 26	13 5	13 5	21 20	7 51	0 3
T 11	12 43	3s14	3 5	8 26	4 14	4 58	0 44	8 45	0 16	3 25	1 9	20 2	1 47	18 22	0 42	22 28	0 55	15 37	7 26	13 5	13 6	21 18	7 53	0 4
F 12	12 24	8 57	3 56	8 54	4 3	5 28	0 49	9 0	0 17	3 30	1 9	20 3	1 47	18 22	0 42	22 28	0 55	15 37	7 26	13 5	13 7	21 15	7 55	0 4
S 13	12 3	14 23	4 37	9 24	3 51	5 59	0 53	9 15	0 17	3 34	1 9	20 3	1 47	18 23	0 42	22 28	0 55	15 37	7 26	13 5	13 9	21 13	7 57	0 4
S 14	11 43	19 20	5 5	9 54	3 37	6 29	0 58	9 31	0 18	3 39	1 9	20 4	1 47	18 24	0 42	22 28	0 55	15 36	7 26	13 5	13 10	21 11	7 59	0 4
M15	11 23	23 28	5 17	10 24	3 21	6 59	1 3	9 46	0 19	3 43	1 9	20 4	1 47	18 24	0 42	22 28	0 56	15 36	7 26	13 5	13 11	21 8	8 1	0 5
T 16	11 2	26 27	5 12	10 53	3 5	7 29	1 8	10 1	0 20	3 48	1 8	20 4	1 48	18 25	0 42	22 28	0 56	15 36	7 26	13 5	13 12	21 6	8 4	0 5
W17	10 41	27 56	4 50	11 21	2 47	7 58	1 13	10 16	0 20	3 52	1 8	20 5	1 48	18 25	0 42	22 28	0 56	15 36	7 26	13 5	13 13	21 3	8 6	0 5
T 18	10 20	27 36	4 9	11 48	2 29	8 28	1 18	10 32	0 21	3 57	1 8	20 5	1 48	18 26	0 42	22 28	0 56	15 36	7 26	13 5	13 14	21 1	8 8	0 6
F 19	9 59	25 23	3 11	12 13	2 10	8 57	1 23	10 47	0 22	4 1	1 8	20 5	1 48	18 27	0 42	22 28	0 56	15 36	7 26	13 4	13 15	20 59	8 10	0 6
S 20	9 38	21 24	2 0	12 35	1 51	9 27	1 28	11 2	0 23	4 6	1 8	20 6	1 48	18 27	0 42	22 28	0 56	15 36	7 27	13 4	13 16	20 56	8 13	0 6
S 21	9 16	16 0	0 39	12 55	1 32	9 56	1 33	11 17	0 23	4 11	1 8	20 6	1 48	18 28	0 42	22 28	0 56	15 36	7 27	13 4	13 17	20 54	8 15	0 6
M22	8 55	9 37	0n44	13 12	1 13	10 24	1 39	11 32	0 24	4 15	1 8	20 6	1 48	18 28	0 42	22 27	0 56	15 36	7 27	13 4	13 18	20 51	8 17	0 7
T 23	8 33	2 47	2 3	13 25	0 55	10 53	1 44	11 47	0 25	4 20	1 8	20 6	1 48	18 29	0 42	22 27	0 56	15 36	7 27	13 4	13 19	20 49	8 20	0 7
W24	8 11	4n 5	3 13	13 35	0 37	11 21	1 49	12 1	0 26	4 25	1 7	20 6	1 49	18 29	0 42	22 27	0 56	15 36	7 27	13 5	13 20	20 47	8 22	0 7
T 25	7 49	10 34	4 8	13 41	0 20	11 50	1 54	12 16	0 26	4 29	1 7	20 7	1 49	18 30	0 42	22 27	0 56	15 36	7 27	13 5	13 21	20 44	8 24	0 8
F 26	7 27	16 20	4 48	13 43	0 3	12 18	1 59	12 31	0 27	4 34	1 7	20 7	1 49	18 30	0 42	22 27	0 56	15 36	7 27	13 6	13 22	20 42	8 27	0 8
S 27	7 5	21 8	5 10	13 42	0n12	12 45	2 5	12 46	0 28	4 39	1 7	20 7	1 49	18 31	0 42	22 27	0 56	15 35	7 27	13 7	13 23	20 39	8 29	0 8
S 28	6 42	24 45	5 16	13 37	0 26	13 13	2 10	13 0	0 28	4 43	1 7	20 7	1 49	18 31	0 42	22 27	0 56	15 35	7 28	13 7	13 25	20 37	8 32	0 8
M29	6 20	27 3	5 6	13 28	0 40	13 40	2 15	13 15	0 29	4 48	1 7	20 7	1 49	18 32	0 42	22 27	0 56	15 35	7 28	13 7	13 26	20 34	8 34	0 9
T 30	5 57	27 59	4 42	13 16	0 52	14 7	2 21	13 29	0 30	4 53	1 7	20 7	1 49	18 32	0 42	22 27	0 56	15 35	7 28	13 7	13 27	20 32	8 37	0 9
W31	5n34	27n33	4n 6	12n59	1n 3	14s33	2s26	13s44	0s30	4s58	1n 7	20n 7	1s50	18s33	0s42	22n27	0s56	15n35	7s28	13s 7	13s28	20n29	8s39	0n 9

Julian Day Number = 2237003.5, Delta T = 07m33s
Ecliptic obliquity = 23°31'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'45, Lahiri = 15°39'45 Julian Calendar 1 Aug. 1412 == Greg. Calendar 10 Aug. 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

SEPTEMBER 1412 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 15 5	16♍53'48	16♋ 8	29♌56	3♏14	5♏45	15♎21	9♊24	9°R42	6♋ 8	18♊33	25♒22	24♒15	5♌51	22♎39	T 1
F 2	23 19 2	17°52'27	27°56	1♍23	4°15	6°26	15°33	9°25	9♒40	6° 9	18°34	25°24	24°12	5°58	22°47	F 2
S 3	23 22 58	18°51'08	9♌44	2°54	5°16	7° 7	15°46	9°26	9°38	6°10	18°34	25°25	24° 9	6° 4	22°54	S 3
S 4	23 26 55	19°49'51	21°35	4°29	6°17	7°48	15°58	9°27	9°37	6°11	18°34	25°R26	24° 6	6°11	23° 2	S 4
M 5	23 30 51	20°48'36	3♍32	6° 7	7°17	8°29	16°10	9°28	9°35	6°12	18°34	25°26	24° 3	6°17	23°10	M 5
T 6	23 34 48	21°47'23	15°38	7°48	8°17	9°10	16°23	9°29	9°33	6°13	18°34	25°24	24° 0	6°24	23°17	T 6
W 7	23 38 44	22°46'12	27°55	9°31	9°17	9°52	16°35	9°30	9°32	6°13	18°34	25°21	23°56	6°31	23°25	W 7
T 8	23 42 41	23°45'04	10♎24	11°16	10°17	10°33	16°48	9°30	9°30	6°14	18°34	25°17	23°53	6°37	23°33	T 8
F 9	23 46 37	24°43'57	23° 6	13° 3	11°16	11°15	17° 0	9°31	9°29	6°15	18°34	25°13	23°50	6°44	23°40	F 9
S 10	23 50 34	25°42'52	6♏ 1	14°50	12°14	11°57	17°13	9°31	9°27	6°16	18°R34	25° 8	23°47	6°51	23°48	S 10
S 11	23 54 31	26°41'49	19° 9	16°38	13°12	12°38	17°25	9°32	9°26	6°16	18°34	25° 3	23°44	6°57	23°56	S 11
M12	23 58 27	27°40'48	2♐31	18°26	14°10	13°20	17°38	9°32	9°25	6°17	18°34	24°59	23°40	7° 4	24° 4	M12
T 13	0 2 24	28°39'49	16° 7	20°15	15° 7	14° 2	17°51	9°R32	9°23	6°18	18°34	24°57	23°37	7°11	24°12	T 13
W14	0 6 20	29°38'51	29°57	22° 4	16° 4	14°44	18° 3	9°32	9°22	6°18	18°34	24°D57	23°34	7°17	24°20	W14
T 15	0 10 17	0♎37'56	14♑ 1	23°52	17° 1	15°26	18°16	9°32	9°21	6°19	18°34	24°57	23°31	7°24	24°28	T 15
F 16	0 14 13	1°37'02	28°18	25°40	17°57	16° 8	18°29	9°31	9°20	6°19	18°34	24°59	23°28	7°31	24°36	F 16
S 17	0 18 10	2°36'09	12♒46	27°28	18°52	16°51	18°42	9°31	9°18	6°20	18°34	25° 0	23°25	7°37	24°44	S 17
S 18	0 22 6	3°35'19	27°21	29°15	19°47	17°33	18°55	9°30	9°17	6°20	18°33	25°R 0	23°21	7°44	24°52	S 18
M19	0 26 3	4°34'30	11♓59	1♎ 2	20°41	18°15	19° 7	9°30	9°16	6°21	18°33	24°59	23°18	7°51	25° 0	M19
T 20	0 30 0	5°33'44	26°34	2°48	21°35	18°58	19°20	9°29	9°15	6°21	18°33	24°56	23°15	7°57	25° 8	T 20
W21	0 33 56	6°32'59	10♈59	4°33	22°28	19°40	19°33	9°28	9°14	6°21	18°33	24°51	23°12	8° 4	25°16	W21
T 22	0 37 53	7°32'16	25° 8	6°18	23°21	20°23	19°46	9°27	9°13	6°22	18°32	24°45	23° 9	8°11	25°25	T 22
F 23	0 41 49	8°31'36	8♉57	8° 2	24°13	21° 6	19°59	9°26	9°13	6°22	18°32	24°37	23° 6	8°17	25°33	F 23
S 24	0 45 46	9°30'58	22°22	9°46	25° 4	21°48	20°12	9°25	9°12	6°22	18°32	24°30	23° 2	8°24	25°41	S 24
S 25	0 49 42	10°30'22	5♊22	11°28	25°55	22°31	20°25	9°24	9°11	6°22	18°32	24°24	22°59	8°30	25°49	S 25
M26	0 53 39	11°29'48	18° 1	13°10	26°45	23°14	20°38	9°22	9°10	6°23	18°31	24°19	22°56	8°37	25°58	M26
T 27	0 57 35	12°29'17	0♋19	14°52	27°34	23°57	20°51	9°21	9°10	6°23	18°31	24°16	22°53	8°44	26° 6	T 27
W28	1 1 32	13°28'48	12°23	16°32	28°22	24°40	21° 4	9°19	9° 9	6°23	18°30	24°D15	22°50	8°50	26°14	W28
T 29	1 5 29	14°28'22	24°16	18°12	29°10	25°23	21°17	9°18	9° 8	6°23	18°30	24°16	22°46	8°57	26°22	T 29
F 30	1 9 25	15♎27'57	6♌ 4	19♎51	29♏57	26♏ 7	21♎30	9♊16	9♒ 8	6♋23	18♊30	24♒17	22♒43	9♌ 4	26♎31	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n11	25n51	3n20	12n40	1n13	15s 0	2s31	13s58	0s31	5s 3	1n 7	20n 8	1s50	18s33	0s42	22n27	0s56	15n35	7s28	13s 6	13s29	20n27	8s42	0n10
F 2	4 48	23 2	2 26	12 17	1 21	15 26	2 36	14 12	0 32	5 7	1 6	20 8	1 50	18 34	0 42	22 27	0 56	15 35	7 28	13 6	13 30	20 24	8 44	0 10
S 3	4 25	19 15	1 26	11 51	1 29	15 52	2 42	14 26	0 32	5 12	1 6	20 8	1 50	18 34	0 42	22 27	0 56	15 35	7 28	13 5	13 31	20 22	8 47	0 10
S 4	4 2	14 42	0 21	11 22	1 35	16 17	2 47	14 41	0 33	5 17	1 6	20 8	1 50	18 35	0 42	22 27	0 56	15 35	7 28	13 5	13 32	20 20	8 49	0 10
M 5	3 39	9 33	0s44	10 51	1 40	16 42	2 52	14 55	0 34	5 22	1 6	20 8	1 50	18 35	0 42	22 27	0 56	15 34	7 29	13 5	13 33	20 17	8 52	0 11
T 6	3 16	4 1	1 49	10 17	1 45	17 7	2 57	15 8	0 34	5 27	1 6	20 8	1 50	18 35	0 42	22 26	0 56	15 34	7 29	13 6	13 34	20 15	8 54	0 11
W 7	2 53	1s45	2 49	9 41	1 48	17 31	3 3	15 22	0 35	5 32	1 6	20 8	1 50	18 36	0 42	22 26	0 56	15 34	7 29	13 7	13 35	20 12	8 57	0 11
T 8	2 29	7 32	3 42	9 4	1 50	17 55	3 8	15 36	0 36	5 36	1 6	20 8	1 51	18 36	0 42	22 26	0 56	15 34	7 29	13 8	13 36	20 10	9 0	0 11
F 9	2 6	13 6	4 25	8 24	1 52	18 19	3 13	15 50	0 36	5 41	1 6	20 8	1 51	18 36	0 42	22 26	0 56	15 34	7 29	13 10	13 37	20 7	9 2	0 12
S 10	1 43	18 12	4 55	7 43	1 52	18 42	3 18	16 3	0 37	5 46	1 6	20 7	1 51	18 37	0 42	22 26	0 56	15 34	7 29	13 11	13 38	20 5	9 5	0 12
S 11	1 19	22 32	5 11	7 1	1 52	19 5	3 23	16 17	0 37	5 51	1 6	20 7	1 51	18 37	0 42	22 26	0 56	15 34	7 29	13 13	13 39	20 2	9 8	0 12
M12	0 56	25 47	5 10	6 18	1 51	19 27	3 28	16 30	0 38	5 56	1 6	20 7	1 51	18 38	0 42	22 26	0 56	15 34	7 29	13 14	13 40	20 0	9 10	0 13
T 13	0 32	27 37	4 51	5 33	1 50	19 49	3 33	16 43	0 39	6 1	1 5	20 7	1 51	18 38	0 42	22 26	0 56	15 34	7 29	13 15	13 41	19 57	9 13	0 13
W14	0 8	27 47	4 16	4 49	1 48	20 11	3 38	16 56	0 39	6 6	1 5	20 7	1 51	18 38	0 42	22 26	0 56	15 33	7 30	13 15	13 42	19 54	9 16	0 13
T 15	0s15	26 10	3 25	4 3	1 45	20 32	3 43	17 9	0 40	6 11	1 5	20 7	1 51	18 38	0 42	22 26	0 56	15 33	7 30	13 15	13 44	19 52	9 18	0 13
F 16	0 39	22 52	2 20	3 17	1 42	20 53	3 48	17 22	0 40	6 16	1 5	20 7	1 52	18 39	0 42	22 26	0 56	15 33	7 30	13 14	13 45	19 49	9 21	0 14
S 17	1 2	18 6	1 6	2 31	1 38	21 13	3 53	17 35	0 41	6 21	1 5	20 7	1 52	18 39	0 42	22 26	0 56	15 33	7 30	13 14	13 46	19 47	9 24	0 14
S 18	1 26	12 14	0n13	1 44	1 34	21 33	3 57	17 47	0 42	6 26	1 5	20 6	1 52	18 39	0 41	22 26	0 56	15 33	7 30	13 14	13 47	19 44	9 26	0 14
M19	1 49	5 41	1 31	0 58	1 30	21 52	4 2	18 0	0 42	6 31	1 5	20 6	1 52	18 40	0 41	22 26	0 56	15 33	7 30	13 14	13 48	19 42	9 29	0 15
T 20	2 13	1n 7	2 43	0 11	1 25	22 11	4 7	18 12	0 43	6 35	1 5	20 6	1 52	18 40	0 41	22 26	0 56	15 33	7 30	13 15	13 49	19 39	9 32	0 15
W21	2 37	7 47	3 43	0s35	1 20	22 30	4 11	18 24	0 43	6 40	1 5	20 6	1 52	18 40	0 41	22 26	0 56	15 32	7 30	13 17	13 50	19 37	9 35	0 15
T 22	3 0	13 55	4 29	1 22	1 15	22 48	4 16	18 36	0 44	6 45	1 5	20 5	1 52	18 40	0 41	22 26	0 56	15 32	7 31	13 19	13 51	19 34	9 37	0 15
F 23	3 24	19 13	4 57	2 8	1 10	23 5	4 20	18 48	0 44	6 50	1 5	20 5	1 52	18 40	0 41	22 26	0 56	15 32	7 31	13 21	13 52	19 32	9 40	0 16
S 24	3 47	23 23	5 9	2 54	1 4	23 22	4 24	19 0	0 45	6 55	1 5	20 5	1 53	18 41	0 41	22 26	0 56	15 32	7 31	13 24	13 53	19 29	9 43	0 16
S 25	4 10	26 14	5 3	3 40	0 58	23 38	4 28	19 12	0 45	7 0	1 5	20 5	1 53	18 41	0 41	22 26	0 56	15 32	7 31	13 26	13 54	19 26	9 45	0 16
M26	4 34	27 40	4 43	4 25	0 52	23 54	4 32	19 23	0 46	7 5	1 5	20 4	1 53	18 41	0 41	22 26	0 56	15 32	7 31	13 28	13 55	19 24	9 48	0 16
T 27	4 57	27 41	4 10	5 10	0 46	24 10	4 36	19 34	0 47	7 10	1 5	20 4	1 53	18 41	0 41	22 26	0 56	15 32	7 31	13 28	13 56	19 21	9 51	0 17
W28	5 20	26 22	3 27	5 55	0 39	24 25	4 40	19 46	0 47	7 15	1 5	20 4	1 53	18 41	0 41	22 25	0 56	15 32	7 31	13 29	13 57	19 19	9 54	0 17
T 29	5 43	23 52	2 35	6 39	0 33	24 39	4 44	19 57	0 48	7 20	1 4	20 3	1 53	18 41	0 41	22 25	0 56	15 31	7 31	13 29	13 58	19 16	9 57	0 17
F 30	6s 6	20n23	1n37	7s23	0n26	24s53	4s47	20s 7	0s48	7s25	1n 4	20n 3	1s53	18s42	0s41	22n25	0s56	15n31	7s31	13s28	13s59	19n13	9s59	0n18

Julian Day Number = 2237034.5, Delta T = 07m33s
Ecliptic obliquity = 23°31'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'49, Lahiri = 15°39'50 Julian Calendar 1 Sept. 1412 == Greg. Calendar 10 Sept. 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

OCTOBER 1412 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 13 22	16♎27'35	17♌53	21♎30	0♐43	26♏50	21♎43	9°R14	9°R 7	6°R23	18°R29	24♒18	22♒40	9♌10	26♎39	S 1
S 2	1 17 18	17°27'16	29°46	23° 8	1°28	27°33	21°56	9♊12	9♒ 7	6♋23	18♊29	24°R18	22°37	9°17	26°48	S 2
M 3	1 21 15	18°26'58	11♍50	24°45	2°12	28°17	22° 9	9°10	9° 6	6°23	18°28	24°16	22°34	9°24	26°56	M 3
T 4	1 25 11	19°26'43	24° 6	26°22	2°55	29° 0	22°23	9° 7	9° 6	6°23	18°28	24°12	22°31	9°30	27° 4	T 4
W 5	1 29 8	20°26'29	6♎37	27°58	3°38	29°44	22°36	9° 5	9° 6	6°23	18°27	24° 6	22°27	9°37	27°13	W 5
T 6	1 33 4	21°26'18	19°25	29°33	4°19	0♐28	22°49	9° 3	9° 6	6°22	18°27	23°57	22°24	9°44	27°21	T 6
F 7	1 37 1	22°26'09	2♏29	1♏ 8	4°59	1°11	23° 2	9° 0	9° 5	6°22	18°26	23°47	22°21	9°50	27°29	F 7
S 8	1 40 57	23°26'02	15°47	2°43	5°38	1°55	23°15	8°58	9° 5	6°22	18°25	23°36	22°18	9°57	27°38	S 8
S 9	1 44 54	24°25'56	29°19	4°17	6°16	2°39	23°28	8°55	9° 5	6°22	18°25	23°26	22°15	10° 4	27°46	S 9
M10	1 48 51	25°25'53	13♐ 1	5°50	6°52	3°23	23°41	8°52	9°D 5	6°21	18°24	23°18	22°11	10°10	27°55	M10
T 11	1 52 47	26°25'51	26°51	7°23	7°27	4° 7	23°54	8°49	9° 5	6°21	18°24	23°12	22° 8	10°17	28° 3	T 11
W12	1 56 44	27°25'51	10♑48	8°55	8° 1	4°51	24° 7	8°46	9° 5	6°21	18°23	23° 8	22° 5	10°24	28°12	W12
T 13	2 0 40	28°25'53	24°50	10°27	8°34	5°35	24°21	8°43	9° 5	6°20	18°22	23°D 7	22° 2	10°30	28°20	T 13
F 14	2 4 37	29°25'56	8♒56	11°58	9° 5	6°20	24°34	8°40	9° 6	6°20	18°21	23° 7	21°59	10°37	28°28	F 14
S 15	2 8 33	0♏26'00	23° 5	13°29	9°34	7° 4	24°47	8°37	9° 6	6°19	18°21	23°R 8	21°56	10°43	28°37	S 15
S 16	2 12 30	1°26'07	7♓16	15° 0	10° 2	7°48	25° 0	8°33	9° 6	6°19	18°20	23° 7	21°52	10°50	28°45	S 16
M17	2 16 27	2°26'14	21°27	16°30	10°28	8°33	25°13	8°30	9° 6	6°18	18°19	23° 4	21°49	10°57	28°54	M17
T 18	2 20 23	3°26'24	5♈36	17°59	10°53	9°17	25°26	8°26	9° 7	6°18	18°18	22°58	21°46	11° 3	29° 2	T 18
W19	2 24 20	4°26'35	19°37	19°28	11°16	10° 2	25°39	8°23	9° 7	6°17	18°18	22°50	21°43	11°10	29°10	W19
T 20	2 28 16	5°26'47	3♉27	20°57	11°37	10°46	25°52	8°19	9° 8	6°17	18°17	22°39	21°40	11°17	29°19	T 20
F 21	2 32 13	6°27'02	17° 2	22°25	11°56	11°31	26° 5	8°15	9° 8	6°16	18°16	22°26	21°37	11°23	29°27	F 21
S 22	2 36 9	7°27'18	0♊18	23°53	12°13	12°16	26°18	8°11	9° 9	6°15	18°15	22°14	21°33	11°30	29°36	S 22
S 23	2 40 6	8°27'37	13°14	25°20	12°28	13° 1	26°31	8° 7	9° 9	6°15	18°14	22° 3	21°30	11°37	29°44	S 23
M24	2 44 2	9°27'57	25°51	26°46	12°41	13°45	26°44	8° 3	9°10	6°14	18°13	21°53	21°27	11°43	29°52	M24
T 25	2 47 59	10°28'19	8♋ 9	28°12	12°52	14°30	26°57	7°59	9°11	6°13	18°13	21°47	21°24	11°50	0♏ 1	T 25
W26	2 51 56	11°28'44	20°12	29°37	13° 1	15°15	27°10	7°55	9°12	6°12	18°12	21°43	21°21	11°57	0° 9	W26
T 27	2 55 52	12°29'10	2♌ 5	1♐ 1	13° 7	16° 0	27°23	7°51	9°12	6°11	18°11	21°41	21°17	12° 3	0°17	T 27
F 28	2 59 49	13°29'37	13°53	2°25	13°11	16°46	27°36	7°47	9°13	6°11	18°10	21°D40	21°14	12°10	0°25	F 28
S 29	3 3 45	14°30'07	25°42	3°48	13°R13	17°31	27°49	7°43	9°14	6°10	18° 9	21°R40	21°11	12°17	0°34	S 29
S 30	3 7 42	15°30'39	7♍36	5°10	13°13	18°16	28° 2	7°38	9°15	6° 9	18° 8	21°40	21° 8	12°23	0°42	S 30
M31	3 11 38	16♏31'12	19♍42	6♐30	13♐10	19♐ 1	28♎14	7♊34	9♒16	6♋ 8	18♊ 7	21♒37	21♒ 5	12♌30	0♏50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s30	16n 4	0n35	8s 6	0n20	25s 6	4s51	20s18	0s49	7s30	1n 4	20n 2	1s53	18s42	0s41	22n25	0s56	15n31	7s32	13s28	14s 0	19n11	10s 2	0n18
S 2	6 52	11 8	0s29	8 49	0 13	25 19	4 54	20 29	0 49	7 35	1 4	20 2	1 53	18 42	0 41	22 25	0 56	15 31	7 32	13 28	14 1	19 8	10 5	0 18
M 3	7 15	5 43	1 33	9 31	0 6	25 31	4 57	20 39	0 50	7 40	1 4	20 2	1 54	18 42	0 41	22 25	0 57	15 31	7 32	13 28	14 2	19 6	10 8	0 18
T 4	7 38	0 1	2 33	10 13	0s 1	25 43	5 0	20 49	0 50	7 45	1 4	20 1	1 54	18 42	0 41	22 25	0 57	15 31	7 32	13 30	14 3	19 3	10 10	0 19
W 5	8 1	5s48	3 27	10 54	0 7	25 54	5 3	20 59	0 51	7 49	1 4	20 1	1 54	18 42	0 41	22 25	0 57	15 31	7 32	13 32	14 4	19 0	10 13	0 19
T 6	8 23	11 29	4 11	11 34	0 14	26 5	5 6	21 9	0 51	7 54	1 4	20 0	1 54	18 42	0 41	22 25	0 57	15 30	7 32	13 35	14 5	18 58	10 16	0 19
F 7	8 46	16 48	4 44	12 14	0 21	26 15	5 8	21 18	0 51	7 59	1 4	20 0	1 54	18 42	0 41	22 25	0 57	15 30	7 32	13 38	14 6	18 55	10 19	0 20
S 8	9 8	21 25	5 1	12 53	0 28	26 24	5 10	21 28	0 52	8 4	1 4	19 59	1 54	18 42	0 41	22 25	0 57	15 30	7 32	13 42	14 7	18 52	10 21	0 20
S 9	9 30	24 59	5 2	13 32	0 34	26 33	5 12	21 37	0 52	8 9	1 4	19 59	1 54	18 42	0 41	22 25	0 57	15 30	7 32	13 45	14 9	18 50	10 24	0 20
M10	9 52	27 10	4 46	14 9	0 41	26 41	5 14	21 46	0 53	8 14	1 4	19 58	1 54	18 42	0 41	22 25	0 57	15 30	7 32	13 48	14 10	18 47	10 27	0 20
T 11	10 14	27 42	4 14	14 46	0 48	26 49	5 16	21 55	0 53	8 19	1 4	19 58	1 54	18 42	0 41	22 25	0 57	15 30	7 32	13 50	14 11	18 45	10 30	0 21
W12	10 36	26 29	3 25	15 22	0 54	26 56	5 17	22 3	0 54	8 24	1 4	19 57	1 54	18 42	0 41	22 25	0 57	15 30	7 33	13 51	14 12	18 42	10 32	0 21
T 13	10 57	23 36	2 25	15 58	1 1	27 2	5 18	22 12	0 54	8 28	1 4	19 57	1 54	18 42	0 41	22 25	0 57	15 29	7 33	13 51	14 13	18 39	10 35	0 21
F 14	11 18	19 17	1 15	16 32	1 7	27 8	5 19	22 20	0 55	8 33	1 4	19 56	1 54	18 42	0 41	22 25	0 57	15 29	7 33	13 51	14 14	18 37	10 38	0 21
S 15	11 40	13 52	0 0	17 6	1 13	27 13	5 19	22 28	0 55	8 38	1 4	19 56	1 55	18 42	0 41	22 25	0 57	15 29	7 33	13 51	14 15	18 34	10 41	0 22
S 16	12 1	7 43	1n15	17 39	1 19	27 18	5 20	22 36	0 55	8 43	1 4	19 55	1 55	18 42	0 41	22 25	0 57	15 29	7 33	13 51	14 16	18 31	10 43	0 22
M17	12 22	1 11	2 25	18 11	1 25	27 22	5 20	22 43	0 56	8 48	1 4	19 54	1 55	18 41	0 41	22 25	0 57	15 29	7 33	13 52	14 17	18 29	10 46	0 22
T 18	12 42	5n22	3 25	18 42	1 31	27 25	5 19	22 50	0 56	8 52	1 4	19 54	1 55	18 41	0 41	22 25	0 57	15 29	7 33	13 54	14 18	18 26	10 49	0 23
W19	13 3	11 36	4 13	19 13	1 37	27 27	5 18	22 58	0 57	8 57	1 4	19 53	1 55	18 41	0 41	22 25	0 57	15 29	7 33	13 57	14 19	18 23	10 52	0 23
T 20	13 23	17 10	4 45	19 42	1 43	27 29	5 17	23 4	0 57	9 2	1 4	19 53	1 55	18 41	0 41	22 25	0 57	15 28	7 33	14 1	14 20	18 21	10 54	0 23
F 21	13 43	21 46	5 0	20 10	1 48	27 31	5 16	23 11	0 57	9 7	1 4	19 52	1 55	18 41	0 41	22 25	0 57	15 28	7 33	14 5	14 21	18 18	10 57	0 23
S 22	14 3	25 8	4 58	20 38	1 53	27 31	5 14	23 18	0 58	9 11	1 4	19 51	1 55	18 41	0 40	22 25	0 57	15 28	7 33	14 9	14 22	18 15	11 0	0 24
S 23	14 22	27 7	4 41	21 4	1 58	27 31	5 12	23 24	0 58	9 16	1 4	19 51	1 55	18 40	0 40	22 25	0 57	15 28	7 33	14 12	14 23	18 13	11 2	0 24
M24	14 42	27 38	4 11	21 29	2 3	27 30	5 9	23 30	0 58	9 21	1 4	19 50	1 55	18 40	0 40	22 25	0 57	15 28	7 33	14 15	14 24	18 10	11 5	0 24
T 25	15 1	26 45	3 29	21 53	2 7	27 28	5 6	23 35	0 59	9 25	1 4	19 49	1 55	18 40	0 40	22 25	0 57	15 28	7 34	14 18	14 25	18 7	11 8	0 25
W26	15 19	24 36	2 39	22 16	2 11	27 26	5 2	23 41	0 59	9 30	1 4	19 49	1 55	18 40	0 40	22 25	0 57	15 28	7 34	14 19	14 26	18 4	11 10	0 25
T 27	15 38	21 25	1 42	22 38	2 15	27 23	4 58	23 46	1 0	9 35	1 4	19 48	1 55	18 40	0 40	22 25	0 57	15 27	7 34	14 19	14 27	18 2	11 13	0 25
F 28	15 56	17 22	0 41	22 59	2 19	27 19	4 54	23 51	1 0	9 39	1 4	19 47	1 55	18 39	0 40	22 25	0 57	15 27	7 34	14 20	14 28	17 59	11 16	0 25
S 29	16 15	12 40	0s21	23 18	2 22	27 14	4 49	23 56	1 0	9 44	1 4	19 46	1 55	18 39	0 40	22 25	0 57	15 27	7 34	14 20	14 29	17 56	11 18	0 26
S 30	16 32	7 27	1 23	23 36	2 25	27 8	4 43	24 0	1 1	9 49	1 4	19 46	1 55	18 39	0 40	22 25	0 57	15 27	7 34	14 20	14 30	17 54	11 21	0 26
M31	16s50	1n54	2s23	23s53	2s27	27s 2	4s37	24s 4	1s 1	9s53	1n 4	19n45	1s55	18s38	0s40	22n26	0s57	15n27	7s34	14s21	14s31	17n51	11s23	0n26

Julian Day Number = 2237064.5, Delta T = 07m33s
Ecliptic obliquity = 23°31'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'53, Lahiri = 15°39'54 Julian Calendar 1 Oct. 1412 == Greg. Calendar 10 Oct. 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

NOVEMBER 1412 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 15 35	17♏31'47	2♎ 4	7♐50	13°R 4	19♐47	28♎27	7°R29	9♒17	6°R 7	18°R 6	21°R32	21♒ 2	12♌36	0♏58	T 1
W 2	3 19 31	18°32'24	14°45	9° 8	12♐56	20°32	28°40	7♊25	9°18	6♋ 6	18♊ 5	21♒24	20°58	12°43	1° 7	W 2
T 3	3 23 28	19°33'02	27°47	10°25	12°46	21°17	28°53	7°20	9°20	6° 5	18° 4	21°13	20°55	12°50	1°15	T 3
F 4	3 27 24	20°33'43	11♏11	11°39	12°33	22° 3	29° 5	7°16	9°21	6° 4	18° 3	21° 1	20°52	12°56	1°23	F 4
S 5	3 31 21	21°34'24	24°54	12°52	12°18	22°48	29°18	7°11	9°22	6° 3	18° 2	20°47	20°49	13° 3	1°31	S 5
S 6	3 35 18	22°35'07	8♐52	14° 3	12° 1	23°34	29°31	7° 6	9°23	6° 1	18° 1	20°35	20°46	13°10	1°39	S 6
M 7	3 39 14	23°35'52	23° 2	15°11	11°41	24°20	29°43	7° 2	9°25	6° 0	18° 0	20°24	20°43	13°16	1°47	M 7
T 8	3 43 11	24°36'38	7♑17	16°16	11°19	25° 6	29°56	6°57	9°26	5°59	17°59	20°16	20°39	13°23	1°55	T 8
W 9	3 47 7	25°37'24	21°33	17°17	10°55	25°51	0♏ 8	6°52	9°28	5°58	17°58	20°11	20°36	13°30	2° 3	W 9
T 10	3 51 4	26°38'12	5♒46	18°15	10°29	26°37	0°21	6°47	9°29	5°57	17°57	20° 9	20°33	13°36	2°11	T 10
F 11	3 55 0	27°39'01	19°55	19° 9	10° 0	27°23	0°33	6°42	9°31	5°56	17°55	20° 9	20°30	13°43	2°19	F 11
S 12	3 58 57	28°39'51	3♓58	19°57	9°30	28° 9	0°46	6°37	9°32	5°54	17°54	20° 9	20°27	13°50	2°27	S 12
S 13	4 2 54	29°40'41	17°55	20°40	8°59	28°55	0°58	6°32	9°34	5°53	17°53	20° 8	20°23	13°56	2°35	S 13
M14	4 6 50	0♐41'32	1♈46	21°16	8°26	29°41	1°10	6°28	9°36	5°52	17°52	20° 5	20°20	14° 3	2°42	M14
T 15	4 10 47	1°42'24	15°29	21°46	7°52	0♑27	1°22	6°23	9°37	5°50	17°51	19°59	20°17	14°10	2°50	T 15
W16	4 14 43	2°43'18	29° 4	22° 7	7°17	1°13	1°35	6°18	9°39	5°49	17°50	19°50	20°14	14°16	2°58	W16
T 17	4 18 40	3°44'12	12♉28	22°20	6°41	1°59	1°47	6°13	9°41	5°48	17°49	19°38	20°11	14°23	3° 6	T 17
F 18	4 22 36	4°45'07	25°41	22°R22	6° 4	2°46	1°59	6° 8	9°43	5°46	17°48	19°26	20° 8	14°29	3°13	F 18
S 19	4 26 33	5°46'03	8♊39	22°15	5°28	3°32	2°11	6° 3	9°45	5°45	17°46	19°12	20° 4	14°36	3°21	S 19
S 20	4 30 29	6°47'00	21°22	21°56	4°51	4°18	2°23	5°58	9°47	5°43	17°45	19° 0	20° 1	14°43	3°28	S 20
M21	4 34 26	7°47'58	3♋50	21°27	4°15	5° 4	2°35	5°53	9°49	5°42	17°44	18°50	19°58	14°49	3°36	M21
T 22	4 38 23	8°48'57	16° 3	20°45	3°40	5°51	2°46	5°48	9°51	5°41	17°43	18°43	19°55	14°56	3°43	T 22
W23	4 42 19	9°49'57	28° 3	19°53	3° 5	6°37	2°58	5°43	9°53	5°39	17°42	18°38	19°52	15° 3	3°51	W23
T 24	4 46 16	10°50'58	9♌55	18°51	2°31	7°24	3°10	5°38	9°55	5°38	17°41	18°36	19°49	15° 9	3°58	T 24
F 25	4 50 12	11°52'01	21°42	17°40	1°58	8°10	3°22	5°33	9°57	5°36	17°39	18°D36	19°45	15°16	4° 5	F 25
S 26	4 54 9	12°53'04	3♍30	16°23	1°27	8°57	3°33	5°28	10° 0	5°34	17°38	18°36	19°42	15°23	4°12	S 26
S 27	4 58 5	13°54'08	15°23	15° 1	0°58	9°43	3°45	5°23	10° 2	5°33	17°37	18°R36	19°39	15°29	4°20	S 27
M28	5 2 2	14°55'13	27°28	13°38	0°30	10°30	3°56	5°18	10° 4	5°31	17°36	18°35	19°36	15°36	4°27	M28
T 29	5 5 58	15°56'19	9♎49	12°17	0° 5	11°17	4° 7	5°14	10° 6	5°30	17°35	18°33	19°33	15°43	4°34	T 29
W30	5 9 55	16♐57'26	22♎32	10♐59	29♏41	12♑ 3	4♏19	5♊ 9	10♒ 9	5♋28	17♊34	18♒27	19♒29	15♌49	4♏41	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 7	3s49	3s16	24s 9	2s29	26s54	4s30	24s 8	1s 1	9s58	1n 4	19n44	1s55	18s38	0s40	22n26	0s57	15n27	7s34	14s22	14s32	17n48	11s26	0n27
W 2	17 24	9 33	4 2	24 23	2 31	26 46	4 23	24 12	1 1	10 2	1 4	19 44	1 55	18 38	0 40	22 26	0 57	15 27	7 34	14 25	14 33	17 45	11 29	0 27
T 3	17 41	15 0	4 36	24 35	2 32	26 37	4 15	24 15	1 2	10 7	1 4	19 43	1 55	18 37	0 40	22 26	0 57	15 27	7 34	14 28	14 34	17 43	11 31	0 27
F 4	17 57	19 55	4 56	24 47	2 33	26 26	4 6	24 19	1 2	10 11	1 4	19 42	1 55	18 37	0 40	22 26	0 57	15 26	7 34	14 32	14 35	17 40	11 34	0 28
S 5	18 13	23 53	4 59	24 56	2 33	26 15	3 57	24 22	1 2	10 16	1 4	19 41	1 55	18 37	0 40	22 26	0 57	15 26	7 34	14 37	14 36	17 37	11 36	0 28
S 6	18 29	26 33	4 45	25 5	2 32	26 3	3 47	24 24	1 3	10 20	1 4	19 41	1 55	18 36	0 40	22 26	0 57	15 26	7 34	14 41	14 37	17 35	11 39	0 28
M 7	18 44	27 33	4 13	25 11	2 31	25 50	3 37	24 27	1 3	10 24	1 4	19 40	1 55	18 36	0 40	22 26	0 57	15 26	7 34	14 44	14 38	17 32	11 41	0 28
T 8	18 59	26 44	3 26	25 16	2 29	25 36	3 26	24 29	1 3	10 29	1 4	19 39	1 55	18 36	0 40	22 26	0 57	15 26	7 34	14 47	14 39	17 29	11 44	0 29
W 9	19 14	24 10	2 25	25 19	2 26	25 21	3 14	24 31	1 3	10 33	1 4	19 38	1 55	18 35	0 40	22 26	0 57	15 26	7 34	14 48	14 40	17 26	11 46	0 29
T 10	19 28	20 6	1 15	25 21	2 22	25 6	3 2	24 32	1 4	10 38	1 4	19 38	1 55	18 35	0 40	22 26	0 57	15 26	7 34	14 49	14 41	17 24	11 49	0 29
F 11	19 42	14 54	0 1	25 21	2 17	24 49	2 49	24 33	1 4	10 42	1 4	19 37	1 55	18 34	0 40	22 26	0 57	15 26	7 34	14 49	14 42	17 21	11 51	0 30
S 12	19 56	8 57	1n13	25 19	2 11	24 31	2 36	24 34	1 4	10 46	1 4	19 36	1 55	18 34	0 40	22 26	0 57	15 26	7 34	14 49	14 43	17 18	11 54	0 30
S 13	20 9	2 37	2 21	25 15	2 5	24 13	2 23	24 35	1 4	10 50	1 5	19 35	1 55	18 33	0 40	22 26	0 57	15 25	7 34	14 49	14 44	17 15	11 56	0 30
M14	20 22	3n47	3 21	25 10	1 56	23 54	2 9	24 36	1 5	10 55	1 5	19 34	1 55	18 33	0 40	22 26	0 57	15 25	7 34	14 50	14 45	17 12	11 58	0 31
T 15	20 34	9 56	4 9	25 3	1 47	23 34	1 54	24 36	1 5	10 59	1 5	19 34	1 55	18 32	0 40	22 26	0 57	15 25	7 34	14 52	14 46	17 10	12 1	0 31
W16	20 46	15 34	4 42	24 53	1 37	23 14	1 39	24 36	1 5	11 3	1 5	19 33	1 55	18 32	0 40	22 26	0 57	15 25	7 34	14 55	14 47	17 7	12 3	0 31
T 17	20 58	20 22	4 59	24 42	1 25	22 53	1 24	24 35	1 5	11 7	1 5	19 32	1 54	18 31	0 40	22 26	0 57	15 25	7 34	14 59	14 48	17 4	12 5	0 32
F 18	21 9	24 5	4 59	24 29	1 11	22 31	1 9	24 35	1 5	11 11	1 5	19 31	1 54	18 31	0 40	22 26	0 57	15 25	7 34	15 3	14 49	17 1	12 8	0 32
S 19	21 20	26 29	4 44	24 13	0 56	22 10	0 53	24 34	1 6	11 15	1 5	19 31	1 54	18 30	0 40	22 26	0 57	15 25	7 34	15 7	14 50	16 59	12 10	0 32
S 20	21 31	27 29	4 15	23 56	0 40	21 48	0 38	24 33	1 6	11 19	1 5	19 30	1 54	18 30	0 40	22 26	0 57	15 25	7 34	15 10	14 51	16 56	12 12	0 32
M21	21 41	27 2	3 34	23 37	0 22	21 26	0 22	24 31	1 6	11 23	1 5	19 29	1 54	18 29	0 40	22 26	0 57	15 25	7 34	15 14	14 52	16 53	12 15	0 33
T 22	21 51	25 16	2 44	23 15	0 3	21 4	0 7	24 29	1 6	11 27	1 5	19 28	1 54	18 28	0 40	22 26	0 57	15 25	7 34	15 16	14 53	16 50	12 17	0 33
W23	22 0	22 22	1 47	22 52	0n16	20 42	0n 9	24 27	1 6	11 31	1 5	19 28	1 54	18 28	0 40	22 27	0 57	15 25	7 34	15 17	14 54	16 47	12 19	0 33
T 24	22 9	18 34	0 46	22 27	0 36	20 20	0 24	24 25	1 6	11 35	1 5	19 27	1 54	18 27	0 40	22 27	0 57	15 24	7 34	15 18	14 55	16 45	12 21	0 34
F 25	22 17	14 3	0s17	22 0	0 57	19 59	0 39	24 22	1 7	11 39	1 5	19 26	1 54	18 27	0 40	22 27	0 57	15 24	7 34	15 18	14 56	16 42	12 23	0 34
S 26	22 25	9 2	1 19	21 33	1 17	19 38	0 54	24 19	1 7	11 43	1 5	19 25	1 54	18 26	0 40	22 27	0 57	15 24	7 34	15 18	14 57	16 39	12 25	0 34
S 27	22 33	3 39	2 18	21 5	1 36	19 18	1 9	24 16	1 7	11 47	1 5	19 25	1 54	18 25	0 39	22 27	0 57	15 24	7 34	15 18	14 58	16 36	12 28	0 35
M28	22 40	1s56	3 12	20 38	1 54	18 58	1 23	24 13	1 7	11 51	1 5	19 24	1 53	18 25	0 39	22 27	0 57	15 24	7 34	15 18	14 59	16 33	12 30	0 35
T 29	22 46	7 33	3 58	20 12	2 10	18 40	1 37	24 9	1 7	11 54	1 6	19 23	1 53	18 24	0 39	22 27	0 57	15 24	7 34	15 19	15 0	16 31	12 32	0 35
W30	22s53	13s 2	4s35	19s48	2n24	18s22	1n50	24s 5	1s 7	11s58	1n 6	19n22	1s53	18s23	0s39	22n27	0s57	15n24	7s34	15s21	15s 1	16n28	12s34	0n36

Julian Day Number = 2237095.5, Delta T = 07m32s
Ecliptic obliquity = 23°31'03, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°32'58, Lahiri = 15°39'58 Julian Calendar 1 Nov. 1412 == Greg. Calendar 10 Nov. 1412

ASTRODIENST EPHEMERIS for the year 1412
geocentric

DECEMBER 1412 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 13 52	17♐58'34	5♏39	9°R48	29°R20	12♑50	4♏30	5°R 4	10♒11	5°R27	17°R32	18°R20	19♒26	15♌56	4♏48	T 1
F 2	5 17 48	18°59'42	19°12	8♐45	29♏ 1	13°37	4°41	4♊59	10°14	5♋25	17♊31	18♒10	19°23	16° 2	4°55	F 2
S 3	5 21 45	20° 0'52	3♐10	7°52	28°45	14°23	4°52	4°55	10°16	5°23	17°30	18° 0	19°20	16° 9	5° 2	S 3
S 4	5 25 41	21° 2'02	17°29	7°10	28°31	15°10	5° 3	4°50	10°19	5°22	17°29	17°50	19°17	16°16	5° 8	S 4
M 5	5 29 38	22° 3'12	2♑ 3	6°38	28°19	15°57	5°14	4°45	10°21	5°20	17°28	17°42	19°14	16°22	5°15	M 5
T 6	5 33 34	23° 4'23	16°45	6°17	28°10	16°44	5°25	4°41	10°24	5°18	17°26	17°36	19°10	16°29	5°22	T 6
W 7	5 37 31	24° 5'34	1♒28	6° 7	28° 3	17°31	5°36	4°36	10°27	5°17	17°25	17°32	19° 7	16°36	5°28	W 7
T 8	5 41 28	25° 6'45	16° 5	6°D 6	27°59	18°18	5°46	4°32	10°29	5°15	17°24	17°D31	19° 4	16°42	5°35	T 8
F 9	5 45 24	26° 7'56	0♓31	6°15	27°D57	19° 5	5°57	4°27	10°32	5°13	17°23	17°32	19° 1	16°49	5°41	F 9
S 10	5 49 21	27° 9'07	14°43	6°32	27°58	19°52	6° 7	4°23	10°35	5°12	17°22	17°33	18°58	16°56	5°48	S 10
S 11	5 53 17	28°10'18	28°41	6°57	28° 1	20°39	6°18	4°18	10°37	5°10	17°21	17°R33	18°55	17° 2	5°54	S 11
M12	5 57 14	29°11'28	12♈23	7°29	28° 6	21°26	6°28	4°14	10°40	5° 8	17°19	17°32	18°51	17° 9	6° 0	M12
T 13	6 1 10	0♑12'39	25°52	8° 7	28°14	22°13	6°38	4°10	10°43	5° 7	17°18	17°29	18°48	17°16	6° 6	T 13
W14	6 5 7	1°13'49	9♉ 6	8°50	28°24	23° 0	6°48	4° 6	10°46	5° 5	17°17	17°24	18°45	17°22	6°12	W14
T 15	6 9 3	2°15'00	22° 8	9°39	28°36	23°47	6°58	4° 2	10°49	5° 3	17°16	17°17	18°42	17°29	6°18	T 15
F 16	6 13 0	3°16'10	4♊57	10°32	28°51	24°35	7° 8	3°58	10°52	5° 2	17°15	17° 9	18°39	17°36	6°24	F 16
S 17	6 16 57	4°17'20	17°35	11°29	29° 7	25°22	7°18	3°54	10°55	5° 0	17°14	17° 1	18°35	17°42	6°30	S 17
S 18	6 20 53	5°18'30	0♋ 0	12°29	29°26	26° 9	7°28	3°50	10°58	4°58	17°13	16°53	18°32	17°49	6°36	S 18
M19	6 24 50	6°19'40	12°14	13°33	29°46	26°56	7°37	3°46	11° 1	4°57	17°12	16°47	18°29	17°55	6°42	M19
T 20	6 28 46	7°20'49	24°19	14°39	0♐ 9	27°43	7°47	3°42	11° 4	4°55	17°10	16°42	18°26	18° 2	6°47	T 20
W21	6 32 43	8°21'59	6♌14	15°48	0°33	28°31	7°56	3°39	11° 7	4°53	17° 9	16°40	18°23	18° 9	6°53	W21
T 22	6 36 39	9°23'08	18° 4	16°59	0°59	29°18	8° 5	3°35	11°10	4°51	17° 8	16°D39	18°20	18°15	6°58	T 22
F 23	6 40 36	10°24'18	29°50	18°12	1°27	0♒ 5	8°15	3°32	11°13	4°50	17° 7	16°40	18°16	18°22	7° 4	F 23
S 24	6 44 32	11°25'27	11♍38	19°27	1°56	0°53	8°24	3°28	11°16	4°48	17° 6	16°41	18°13	18°29	7° 9	S 24
S 25	6 48 29	12°26'36	23°30	20°43	2°27	1°40	8°33	3°25	11°19	4°46	17° 5	16°43	18°10	18°35	7°14	S 25
M26	6 52 26	13°27'45	5♎33	22° 1	3° 0	2°27	8°41	3°22	11°22	4°45	17° 4	16°45	18° 7	18°42	7°19	M26
T 27	6 56 22	14°28'54	17°51	23°20	3°34	3°14	8°50	3°19	11°25	4°43	17° 3	16°R45	18° 4	18°49	7°24	T 27
W28	7 0 19	15°30'03	0♏30	24°41	4° 9	4° 2	8°59	3°16	11°29	4°41	17° 2	16°44	18° 1	18°55	7°29	W28
T 29	7 4 15	16°31'11	13°32	26° 2	4°46	4°49	9° 7	3°13	11°32	4°40	17° 1	16°41	17°57	19° 2	7°34	T 29
F 30	7 8 12	17°32'19	27° 2	27°25	5°24	5°37	9°15	3°10	11°35	4°38	17° 0	16°38	17°54	19° 9	7°39	F 30
S 31	7 12 8	18♑33'28	11♐ 0	28♐48	6♐ 3	6♒24	9♏24	3♊ 7	11♒38	4♋36	16♊59	16♒33	17♒51	19♌15	7♏43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s58	18s 7	4s57	19s26	2n35	18s 4	2n 3	24s 1	1s 7	12s 2	1n 6	19n22	1s53	18s23	0s39	22n27	0s57	15n24	7s34	15s23	15s 2	16n25	12s36	0n36
F 2	23 4	22 28	5 5	19 7	2 45	17 48	2 15	23 56	1 7	12 6	1 6	19 21	1 53	18 22	0 39	22 27	0 57	15 24	7 34	15 26	15 3	16 22	12 38	0 36
S 3	23 8	25 40	4 54	18 52	2 52	17 33	2 27	23 51	1 8	12 9	1 6	19 20	1 53	18 21	0 39	22 27	0 57	15 24	7 34	15 29	15 4	16 19	12 40	0 37
S 4	23 13	27 20	4 25	18 41	2 56	17 19	2 38	23 46	1 8	12 13	1 6	19 19	1 53	18 21	0 39	22 27	0 57	15 24	7 34	15 32	15 5	16 16	12 42	0 37
M 5	23 17	27 9	3 39	18 33	2 59	17 6	2 49	23 41	1 8	12 16	1 6	19 19	1 52	18 20	0 39	22 27	0 57	15 24	7 34	15 35	15 6	16 14	12 44	0 37
T 6	23 20	25 4	2 37	18 28	3 0	16 54	2 59	23 35	1 8	12 20	1 6	19 18	1 52	18 19	0 39	22 27	0 57	15 24	7 34	15 37	15 7	16 11	12 46	0 38
W 7	23 23	21 17	1 25	18 28	2 59	16 43	3 9	23 29	1 8	12 23	1 6	19 17	1 52	18 19	0 39	22 27	0 57	15 24	7 33	15 38	15 8	16 8	12 48	0 38
T 8	23 26	16 11	0 8	18 30	2 57	16 33	3 18	23 23	1 8	12 27	1 6	19 17	1 52	18 18	0 39	22 28	0 57	15 24	7 33	15 38	15 9	16 5	12 49	0 38
F 9	23 28	10 15	1n 9	18 35	2 53	16 24	3 27	23 16	1 8	12 30	1 6	19 16	1 52	18 17	0 39	22 28	0 57	15 24	7 33	15 38	15 10	16 2	12 51	0 39
S 10	23 29	3 52	2 21	18 42	2 48	16 17	3 35	23 10	1 8	12 34	1 7	19 16	1 52	18 16	0 39	22 28	0 57	15 24	7 33	15 38	15 11	15 59	12 53	0 39
S 11	23 30	2n35	3 23	18 52	2 43	16 10	3 43	23 3	1 8	12 37	1 7	19 15	1 51	18 15	0 39	22 28	0 57	15 24	7 33	15 37	15 12	15 56	12 55	0 39
M12	23 31	8 47	4 13	19 3	2 36	16 4	3 50	22 55	1 8	12 40	1 7	19 14	1 51	18 15	0 39	22 28	0 57	15 24	7 33	15 38	15 13	15 54	12 56	0 40
T 13	23 31	14 28	4 47	19 16	2 29	16 0	3 56	22 48	1 8	12 43	1 7	19 14	1 51	18 14	0 39	22 28	0 57	15 24	7 33	15 39	15 14	15 51	12 58	0 40
W14	23 31	19 23	5 5	19 30	2 22	15 56	4 2	22 40	1 8	12 47	1 7	19 13	1 51	18 13	0 39	22 28	0 57	15 24	7 33	15 40	15 15	15 48	13 0	0 40
T 15	23 30	23 18	5 7	19 45	2 14	15 53	4 8	22 32	1 8	12 50	1 7	19 13	1 51	18 12	0 39	22 28	0 57	15 23	7 33	15 42	15 16	15 45	13 2	0 41
F 16	23 29	26 0	4 54	20 1	2 6	15 51	4 13	22 24	1 8	12 53	1 7	19 12	1 51	18 11	0 39	22 28	0 57	15 23	7 33	15 45	15 17	15 42	13 3	0 41
S 17	23 27	27 21	4 26	20 17	1 58	15 50	4 18	22 15	1 8	12 56	1 7	19 11	1 50	18 11	0 39	22 28	0 57	15 23	7 33	15 47	15 18	15 39	13 5	0 41
S 18	23 25	27 17	3 46	20 34	1 49	15 50	4 22	22 6	1 8	12 59	1 7	19 11	1 50	18 10	0 39	22 28	0 57	15 23	7 33	15 50	15 19	15 36	13 6	0 42
M19	23 22	25 52	2 56	20 50	1 41	15 50	4 26	21 57	1 8	13 2	1 8	19 10	1 50	18 9	0 39	22 28	0 57	15 23	7 32	15 52	15 20	15 33	13 8	0 42
T 20	23 19	23 16	1 59	21 7	1 32	15 52	4 29	21 48	1 8	13 5	1 8	19 10	1 50	18 8	0 39	22 28	0 57	15 23	7 32	15 53	15 21	15 31	13 9	0 43
W21	23 15	19 41	0 56	21 23	1 23	15 54	4 32	21 38	1 8	13 8	1 8	19 9	1 50	18 7	0 39	22 28	0 57	15 23	7 32	15 54	15 22	15 28	13 11	0 43
T 22	23 11	15 21	0s 8	21 39	1 14	15 56	4 35	21 28	1 8	13 11	1 8	19 9	1 49	18 6	0 39	22 29	0 57	15 23	7 32	15 54	15 23	15 25	13 12	0 43
F 23	23 6	10 27	1 11	21 54	1 6	16 0	4 37	21 18	1 8	13 14	1 8	19 9	1 49	18 6	0 39	22 29	0 57	15 24	7 32	15 54	15 24	15 22	13 14	0 44
S 24	23 1	5 11	2 12	22 9	0 57	16 4	4 39	21 8	1 8	13 16	1 8	19 8	1 49	18 5	0 39	22 29	0 57	15 24	7 32	15 53	15 25	15 19	13 15	0 44
S 25	22 56	0s17	3 8	22 23	0 48	16 8	4 41	20 57	1 8	13 19	1 8	19 8	1 49	18 4	0 39	22 29	0 57	15 24	7 32	15 53	15 26	15 16	13 16	0 44
M26	22 50	5 50	3 56	22 37	0 40	16 13	4 42	20 46	1 8	13 22	1 8	19 7	1 48	18 3	0 39	22 29	0 57	15 24	7 32	15 52	15 27	15 13	13 18	0 45
T 27	22 44	11 15	4 35	22 50	0 31	16 18	4 43	20 35	1 8	13 24	1 9	19 7	1 48	18 2	0 39	22 29	0 57	15 24	7 31	15 52	15 28	15 10	13 19	0 45
W28	22 37	16 23	5 1	23 2	0 23	16 24	4 44	20 24	1 7	13 27	1 9	19 7	1 48	18 1	0 39	22 29	0 57	15 24	7 31	15 52	15 29	15 7	13 20	0 45
T 29	22 30	20 55	5 13	23 13	0 15	16 30	4 44	20 13	1 7	13 30	1 9	19 6	1 48	18 0	0 39	22 29	0 57	15 24	7 31	15 53	15 30	15 4	13 21	0 46
F 30	22 22	24 33	5 8	23 23	0 7	16 37	4 44	20 1	1 7	13 32	1 9	19 6	1 48	17 59	0 39	22 29	0 57	15 24	7 31	15 54	15 31	15 2	13 23	0 46
S 31	22s14	26s53	4s46	23s32	0s 1	16s44	4n44	19s49	1s 7	13s35	1n 9	19n 6	1s47	17s58	0s39	22n29	0s57	15n24	7s31	15s56	15s32	14n59	13s24	0n47

Julian Day Number = 2237125.5, Delta T = 07m32s
Ecliptic obliquity = 23°31'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°33'02, Lahiri = 15°40'02 Julian Calendar 1 Dec. 1412 == Greg. Calendar 10 Dec. 1412