Astrodienst Ephemeris Tables

for the year 1442

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 1442
geocentric

JANUARY 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 15 57	19♑31'19	11♍28	1♒58	8♐59	7°R53	2♈26	26°R49	7°R33	10°R18	21°R38	26♋24	26♋54	29♏29	20♈48	M 1
T 2	7 19 54	20°32'25	24°26	3°38	10°11	7♌32	2°35	26♉47	7♊31	10♍17	21♋37	26°25	26°51	29°36	20°49	T 2
W 3	7 23 50	21°33'29	7♎ 2	5°17	11°23	7°11	2°44	26°45	7°29	10°16	21°35	26°26	26°47	29°43	20°49	W 3
T 4	7 27 47	22°34'34	19°20	6°55	12°35	6°49	2°52	26°44	7°28	10°15	21°34	26°R26	26°44	29°49	20°50	T 4
F 5	7 31 44	23°35'37	1♏25	8°33	13°47	6°27	3° 2	26°42	7°26	10°14	21°33	26°26	26°41	29°56	20°51	F 5
S 6	7 35 40	24°36'41	13°20	10° 8	14°59	6° 4	3°11	26°41	7°25	10°13	21°31	26°26	26°38	0♐ 3	20°52	S 6
S 7	7 39 37	25°37'44	25°10	11°42	16°11	5°41	3°20	26°39	7°23	10°12	21°30	26°25	26°35	0° 9	20°53	S 7
M 8	7 43 33	26°38'46	7♐ 1	13°14	17°23	5°18	3°29	26°38	7°22	10°11	21°29	26°D25	26°32	0°16	20°54	M 8
T 9	7 47 30	27°39'48	18°55	14°43	18°36	4°55	3°39	26°37	7°20	10°10	21°27	26°25	26°28	0°23	20°55	T 9
W10	7 51 26	28°40'49	0♑57	16° 9	19°48	4°31	3°49	26°36	7°19	10° 8	21°26	26°26	26°25	0°30	20°56	W10
T 11	7 55 23	29°41'49	13° 8	17°31	21° 1	4° 7	3°58	26°35	7°18	10° 7	21°25	26°26	26°22	0°36	20°57	T 11
F 12	7 59 19	0♒42'48	25°31	18°48	22°13	3°43	4° 8	26°34	7°16	10° 6	21°24	26°R26	26°19	0°43	20°58	F 12
S 13	8 3 16	1°43'47	8♒ 6	20° 0	23°26	3°19	4°18	26°33	7°15	10° 5	21°22	26°26	26°16	0°50	20°59	S 13
S 14	8 7 13	2°44'44	20°55	21° 6	24°38	2°55	4°29	26°33	7°14	10° 4	21°21	26°25	26°13	0°56	21° 1	S 14
M15	8 11 9	3°45'40	3♓58	22° 6	25°51	2°31	4°39	26°32	7°13	10° 2	21°20	26°25	26° 9	1° 3	21° 2	M15
T 16	8 15 6	4°46'35	17°14	22°57	27° 3	2° 7	4°49	26°32	7°12	10° 1	21°18	26°24	26° 6	1°10	21° 3	T 16
W17	8 19 2	5°47'28	0♈44	23°41	28°16	1°43	5° 0	26°32	7°11	10° 0	21°17	26°22	26° 3	1°16	21° 5	W17
T 18	8 22 59	6°48'20	14°25	24°15	29°29	1°19	5°11	26°32	7°10	9°58	21°16	26°21	26° 0	1°23	21° 6	T 18
F 19	8 26 55	7°49'11	28°19	24°39	0♑41	0°56	5°21	26°D32	7° 9	9°57	21°14	26°21	25°57	1°30	21° 8	F 19
S 20	8 30 52	8°50'00	12♉22	24°53	1°54	0°33	5°32	26°32	7° 8	9°56	21°13	26°D21	25°53	1°37	21°10	S 20
S 21	8 34 48	9°50'48	26°35	24°R56	3° 7	0°10	5°43	26°32	7° 7	9°54	21°12	26°21	25°50	1°43	21°11	S 21
M22	8 38 45	10°51'34	10♊55	24°49	4°20	29♋47	5°54	26°32	7° 7	9°53	21°11	26°22	25°47	1°50	21°13	M22
T 23	8 42 42	11°52'18	25°19	24°30	5°33	29°25	6° 5	26°33	7° 6	9°52	21° 9	26°23	25°44	1°57	21°15	T 23
W24	8 46 38	12°53'01	9♋43	24° 1	6°46	29° 3	6°17	26°33	7° 5	9°50	21° 8	26°24	25°41	2° 3	21°17	W24
T 25	8 50 35	13°53'43	24° 3	23°22	7°59	28°42	6°28	26°34	7° 5	9°49	21° 7	26°R25	25°38	2°10	21°19	T 25
F 26	8 54 31	14°54'22	8♌13	22°34	9°12	28°21	6°39	26°35	7° 4	9°47	21° 6	26°25	25°34	2°17	21°21	F 26
S 27	8 58 28	15°55'01	22°11	21°39	10°25	28° 1	6°51	26°36	7° 4	9°46	21° 5	26°23	25°31	2°23	21°23	S 27
S 28	9 2 24	16°55'38	5♍50	20°38	11°38	27°41	7° 3	26°37	7° 3	9°44	21° 3	26°21	25°28	2°30	21°25	S 28
M29	9 6 21	17°56'13	19°10	19°32	12°51	27°22	7°14	26°38	7° 3	9°43	21° 2	26°18	25°25	2°37	21°27	M29
T 30	9 10 17	18°56'47	2♎10	18°24	14° 4	27° 3	7°26	26°39	7° 3	9°41	21° 1	26°14	25°22	2°44	21°29	T 30
W31	9 14 14	19♒57'20	14♎49	17♒15	15♑17	26♋45	7♈38	26♉40	7♊ 2	9♍40	21♋ 0	26♋11	25♋18	2♐50	21♈31	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	22s 5	10n45	3n45	21s36	1s52	19s50	2n 3	22n27	4n15	0s11	1s16	17n35	1s58	21n37	0s 1	8n40	1n 1	24n30	2n47	20n56	20n50	15s52	8n18	0n10
T 2	21 56	6 20	4 29	21 8	1 48	20 3	2 1	22 34	4 16	0 8	1 16	17 35	1 58	21 36	0 1	8 41	1 1	24 31	2 47	20 56	20 51	15 54	8 18	0 10
W 3	21 47	1 47	5 0	20 39	1 42	20 15	1 59	22 41	4 18	0 4	1 16	17 35	1 58	21 36	0 1	8 41	1 1	24 31	2 47	20 56	20 52	15 55	8 18	0 10
T 4	21 37	2s44	5 15	20 9	1 36	20 27	1 56	22 48	4 19	0 0	1 15	17 35	1 58	21 36	0 1	8 42	1 1	24 31	2 47	20 56	20 52	15 57	8 18	0 10
F 5	21 27	7 3	5 16	19 37	1 30	20 39	1 54	22 55	4 21	0n 3	1 15	17 35	1 57	21 36	0 1	8 42	1 1	24 32	2 47	20 56	20 53	15 59	8 19	0 10
S 6	21 16	11 3	5 4	19 5	1 22	20 49	1 51	23 2	4 22	0 7	1 15	17 34	1 57	21 35	0 1	8 42	1 1	24 32	2 47	20 56	20 53	16 1	8 19	0 9
S 7	21 5	14 36	4 39	18 31	1 14	21 0	1 48	23 9	4 23	0 11	1 15	17 34	1 57	21 35	0 1	8 43	1 1	24 32	2 47	20 56	20 54	16 3	8 19	0 9
M 8	20 53	17 35	4 1	17 56	1 5	21 10	1 46	23 16	4 24	0 15	1 14	17 34	1 56	21 35	0 1	8 43	1 1	24 32	2 47	20 56	20 55	16 5	8 19	0 9
T 9	20 41	19 50	3 14	17 21	0 55	21 19	1 43	23 23	4 25	0 19	1 14	17 34	1 56	21 35	0 1	8 44	1 1	24 33	2 47	20 56	20 55	16 7	8 20	0 9
W10	20 29	21 14	2 17	16 45	0 44	21 27	1 40	23 30	4 26	0 23	1 14	17 34	1 56	21 34	0 1	8 44	1 1	24 33	2 47	20 56	20 56	16 8	8 20	0 9
T 11	20 16	21 39	1 13	16 9	0 32	21 35	1 37	23 36	4 27	0 27	1 14	17 34	1 56	21 34	0 1	8 45	1 1	24 33	2 47	20 56	20 56	16 10	8 20	0 9
F 12	20 3	21 1	0 5	15 33	0 20	21 43	1 34	23 43	4 28	0 32	1 14	17 35	1 55	21 34	0 1	8 45	1 2	24 34	2 47	20 56	20 57	16 12	8 21	0 9
S 13	19 50	19 20	1s 4	14 58	0 6	21 50	1 31	23 49	4 28	0 36	1 13	17 35	1 55	21 34	0 1	8 46	1 2	24 34	2 47	20 56	20 58	16 14	8 21	0 9
S 14	19 36	16 39	2 12	14 23	0n 8	21 56	1 28	23 55	4 29	0 40	1 13	17 35	1 55	21 34	0 1	8 46	1 2	24 34	2 47	20 56	20 58	16 16	8 21	0 9
M15	19 22	13 5	3 14	13 50	0 23	22 2	1 25	24 1	4 29	0 44	1 13	17 35	1 55	21 34	0 1	8 47	1 2	24 34	2 48	20 56	20 59	16 18	8 22	0 9
T 16	19 8	8 50	4 6	13 18	0 39	22 6	1 22	24 7	4 29	0 49	1 13	17 35	1 54	21 33	0 1	8 47	1 2	24 35	2 48	20 56	21 0	16 20	8 22	0 9
W17	18 53	4 5	4 46	12 48	0 55	22 11	1 19	24 13	4 30	0 53	1 12	17 35	1 54	21 33	0 1	8 48	1 2	24 35	2 48	20 56	21 0	16 21	8 23	0 8
T 18	18 38	0n56	5 10	12 21	1 12	22 15	1 16	24 18	4 30	0 57	1 12	17 36	1 54	21 33	0 1	8 48	1 2	24 35	2 48	20 57	21 1	16 23	8 23	0 8
F 19	18 22	5 58	5 17	11 57	1 29	22 18	1 13	24 23	4 29	1 2	1 12	17 36	1 53	21 33	0 1	8 49	1 2	24 35	2 48	20 57	21 1	16 25	8 24	0 8
S 20	18 6	10 46	5 4	11 36	1 46	22 20	1 10	24 28	4 29	1 6	1 12	17 36	1 53	21 33	0 1	8 49	1 2	24 36	2 48	20 57	21 2	16 27	8 24	0 8
S 21	17 50	15 1	4 34	11 19	2 3	22 22	1 7	24 33	4 29	1 11	1 12	17 36	1 53	21 33	0 1	8 50	1 2	24 36	2 48	20 57	21 2	16 29	8 25	0 8
M22	17 34	18 25	3 46	11 6	2 19	22 23	1 3	24 38	4 29	1 15	1 11	17 37	1 53	21 33	0 1	8 50	1 2	24 36	2 48	20 56	21 3	16 31	8 25	0 8
T 23	17 17	20 42	2 44	10 57	2 35	22 23	1 0	24 42	4 28	1 20	1 11	17 37	1 52	21 32	0 1	8 51	1 2	24 36	2 48	20 56	21 4	16 32	8 26	0 8
W24	17 0	21 38	1 31	10 53	2 50	22 23	0 57	24 46	4 27	1 25	1 11	17 38	1 52	21 32	0 1	8 52	1 2	24 37	2 48	20 56	21 4	16 34	8 27	0 8
T 25	16 42	21 9	0 13	10 52	3 4	22 22	0 54	24 50	4 27	1 29	1 11	17 38	1 52	21 32	0 1	8 52	1 2	24 37	2 48	20 56	21 5	16 36	8 27	0 8
F 26	16 25	19 18	1n 5	10 56	3 16	22 21	0 51	24 54	4 26	1 34	1 11	17 38	1 51	21 32	0 1	8 53	1 2	24 37	2 48	20 56	21 5	16 38	8 28	0 8
S 27	16 7	16 20	2 17	11 4	3 26	22 19	0 47	24 57	4 25	1 39	1 11	17 39	1 51	21 32	0 1	8 53	1 2	24 37	2 48	20 56	21 6	16 40	8 29	0 8
S 28	15 49	12 30	3 21	11 16	3 34	22 16	0 44	25 0	4 24	1 44	1 10	17 39	1 51	21 32	0 1	8 54	1 2	24 37	2 48	20 57	21 7	16 41	8 29	0 7
M29	15 30	8 9	4 11	11 31	3 40	22 13	0 41	25 3	4 23	1 48	1 10	17 40	1 51	21 32	0 1	8 54	1 2	24 38	2 48	20 57	21 7	16 43	8 30	0 7
T 30	15 11	3 32	4 47	11 49	3 44	22 9	0 38	25 5	4 22	1 53	1 10	17 41	1 50	21 32	0 1	8 55	1 2	24 38	2 48	20 58	21 8	16 45	8 31	0 7
W31	14s52	1s 7	5n 8	12s 8	3n45	22s 4	0n34	25n 8	4n21	1n58	1s10	17n41	1s50	21n32	0s 1	8n56	1n 2	24n38	2n48	20n59	21n 8	16s47	8n32	0n 7

Julian Day Number = 2247748.5, Delta T = 06m44s
Ecliptic obliquity = 23°30'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'21, Lahiri = 16°04'21 Julian Calendar 1 Jan. 1442 == Greg. Calendar 10 Jan. 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

FEBRUARY 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 18 11	20♒57'51	27♎11	16°R 8	16♉30	26°R28	7♈50	26♉42	7°R 2	9°R38	20°R59	26°R 8	25♋15	2♐57	21♈33	T 1
F 2	9 22 7	21°58'21	9♏18	15♒ 3	17°43	26♋11	8° 2	26°43	7♊ 2	9♍37	20♋58	26♋ 6	25°12	3° 4	21°36	F 2
S 3	9 26 4	22°58'50	21°15	14° 2	18°57	25°55	8°14	26°45	7° 2	9°35	20°57	26°D 5	25° 9	3°10	21°38	S 3
S 4	9 30 0	23°59'18	3♐ 6	13° 6	20°10	25°40	8°27	26°47	7° 2	9°33	20°55	26° 5	25° 6	3°17	21°41	S 4
M 5	9 33 57	24°59'44	14°57	12°17	21°23	25°25	8°39	26°49	7°D 2	9°32	20°54	26° 7	25° 3	3°24	21°43	M 5
T 6	9 37 53	26° 0'09	26°52	11°34	22°37	25°12	8°51	26°51	7° 2	9°30	20°53	26° 8	24°59	3°30	21°45	T 6
W 7	9 41 50	27° 0'32	8♑57	10°58	23°50	24°59	9° 4	26°53	7° 2	9°29	20°52	26°10	24°56	3°37	21°48	W 7
T 8	9 45 46	28° 0'54	21°14	10°30	25° 3	24°46	9°16	26°55	7° 2	9°27	20°51	26°R11	24°53	3°44	21°51	T 8
F 9	9 49 43	29° 1'14	3♒47	10° 9	26°16	24°35	9°29	26°57	7° 2	9°25	20°50	26°11	24°50	3°50	21°53	F 9
S 10	9 53 40	0♓ 1'32	16°39	9°55	27°30	24°24	9°42	27° 0	7° 2	9°24	20°49	26° 9	24°47	3°57	21°56	S 10
S 11	9 57 36	1° 1'49	29°49	9°48	28°43	24°14	9°54	27° 2	7° 3	9°22	20°48	26° 6	24°44	4° 4	21°59	S 11
M12	10 1 33	2° 2'04	13♓18	9°D48	29°57	24° 5	10° 7	27° 5	7° 3	9°20	20°47	26° 1	24°40	4°11	22° 1	M12
T 13	10 5 29	3° 2'17	27° 1	9°55	1♒10	23°57	10°20	27° 8	7° 3	9°19	20°46	25°55	24°37	4°17	22° 4	T 13
W14	10 9 26	4° 2'28	10♈58	10° 7	2°23	23°50	10°33	27°11	7° 4	9°17	20°45	25°48	24°34	4°24	22° 7	W14
T 15	10 13 22	5° 2'37	25° 2	10°25	3°37	23°43	10°46	27°13	7° 4	9°15	20°45	25°43	24°31	4°31	22°10	T 15
F 16	10 17 19	6° 2'44	9♉12	10°49	4°50	23°37	10°59	27°17	7° 5	9°14	20°44	25°38	24°28	4°37	22°13	F 16
S 17	10 21 15	7° 2'49	23°23	11°17	6° 4	23°32	11°12	27°20	7° 6	9°12	20°43	25°36	24°24	4°44	22°16	S 17
S 18	10 25 12	8° 2'52	7♊34	11°50	7°17	23°28	11°26	27°23	7° 6	9°10	20°42	25°D35	24°21	4°51	22°19	S 18
M19	10 29 9	9° 2'52	21°41	12°28	8°31	23°24	11°39	27°26	7° 7	9° 9	20°41	25°35	24°18	4°57	22°22	M19
T 20	10 33 5	10° 2'51	5♋44	13° 9	9°44	23°21	11°52	27°30	7° 8	9° 7	20°40	25°37	24°15	5° 4	22°25	T 20
W21	10 37 2	11° 2'47	19°42	13°55	10°58	23°19	12° 6	27°33	7° 9	9° 5	20°39	25°R38	24°12	5°11	22°28	W21
T 22	10 40 58	12° 2'41	3♌33	14°44	12°11	23°18	12°19	27°37	7° 9	9° 4	20°39	25°37	24° 9	5°17	22°31	T 22
F 23	10 44 55	13° 2'32	17°16	15°36	13°25	23°D18	12°33	27°41	7°10	9° 2	20°38	25°35	24° 5	5°24	22°34	F 23
S 24	10 48 51	14° 2'22	0♍49	16°31	14°38	23°18	12°46	27°45	7°11	9° 0	20°37	25°31	24° 2	5°31	22°37	S 24
S 25	10 52 48	15° 2'09	14° 9	17°29	15°52	23°19	13° 0	27°49	7°12	8°59	20°37	25°24	23°59	5°38	22°41	S 25
M26	10 56 44	16° 1'54	27°16	18°30	17° 5	23°21	13°13	27°53	7°14	8°57	20°36	25°16	23°56	5°44	22°44	M26
T 27	11 0 41	17° 1'38	10♎ 6	19°33	18°19	23°23	13°27	27°57	7°15	8°55	20°35	25° 6	23°53	5°51	22°47	T 27
W28	11 4 38	18♓ 1'19	22♎41	20♒39	19♒32	23♋26	13♈41	28♉ 1	7♊16	8♍54	20♋35	24♋57	23♋50	5♐58	22♈50	W28

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	14s33	5s37	5n14	12s29	3n44	21s58	0n31	25n10	4n19	2n 3	1s10	17n42	1s50	21n32	0s 1	8n56	1n 2	24n38	2n48	20n59	21n 9	16s49	8n32	0n 7
F 2	14 14	9 48	5 6	12 51	3 40	21 52	0 28	25 12	4 18	2 8	1 10	17 42	1 50	21 32	0 1	8 57	1 2	24 39	2 48	21 0	21 10	16 50	8 33	0 7
S 3	13 54	13 33	4 45	13 14	3 35	21 46	0 25	25 14	4 17	2 13	1 9	17 43	1 49	21 32	0 1	8 57	1 2	24 39	2 48	21 0	21 10	16 52	8 34	0 7
S 4	13 34	16 44	4 11	13 36	3 28	21 38	0 21	25 15	4 15	2 18	1 9	17 44	1 49	21 32	0 1	8 58	1 2	24 39	2 48	21 0	21 11	16 54	8 35	0 7
M 5	13 14	19 14	3 27	13 58	3 19	21 30	0 18	25 16	4 14	2 23	1 9	17 44	1 49	21 32	0 1	8 59	1 2	24 39	2 48	20 59	21 11	16 56	8 36	0 7
T 6	12 53	20 55	2 34	14 20	3 10	21 22	0 15	25 17	4 12	2 28	1 9	17 45	1 48	21 32	0 1	8 59	1 2	24 39	2 48	20 59	21 12	16 58	8 36	0 7
W 7	12 33	21 40	1 33	14 40	2 59	21 12	0 12	25 18	4 10	2 33	1 9	17 46	1 48	21 32	0 1	9 0	1 2	24 40	2 48	20 59	21 12	16 59	8 37	0 7
T 8	12 12	21 23	0 27	14 59	2 47	21 2	0 9	25 19	4 9	2 38	1 9	17 47	1 48	21 32	0 1	9 1	1 2	24 40	2 48	20 59	21 13	17 1	8 38	0 7
F 9	11 51	20 2	0s41	15 17	2 34	20 52	0 6	25 19	4 7	2 43	1 8	17 47	1 48	21 32	0 1	9 1	1 2	24 40	2 48	20 59	21 14	17 3	8 39	0 6
S 10	11 30	17 38	1 49	15 33	2 21	20 41	0 3	25 19	4 5	2 48	1 8	17 48	1 47	21 32	0 1	9 2	1 2	24 40	2 49	20 59	21 14	17 5	8 40	0 6
S 11	11 8	14 16	2 53	15 47	2 8	20 29	0s 1	25 19	4 3	2 54	1 8	17 49	1 47	21 32	0 1	9 3	1 2	24 40	2 49	21 0	21 15	17 6	8 41	0 6
M12	10 47	10 6	3 49	16 0	1 55	20 17	0 4	25 19	4 1	2 59	1 8	17 50	1 47	21 32	0 1	9 3	1 2	24 40	2 49	21 1	21 15	17 8	8 42	0 6
T 13	10 25	5 21	4 32	16 11	1 41	20 4	0 7	25 19	4 0	3 4	1 8	17 51	1 47	21 32	0 1	9 4	1 2	24 41	2 49	21 2	21 16	17 10	8 43	0 6
W14	10 3	0 15	5 0	16 21	1 28	19 50	0 10	25 18	3 58	3 9	1 8	17 52	1 46	21 32	0 1	9 4	1 2	24 41	2 49	21 3	21 16	17 12	8 44	0 6
T 15	9 41	4n55	5 10	16 29	1 15	19 36	0 13	25 17	3 56	3 14	1 8	17 53	1 46	21 32	0 1	9 5	1 2	24 41	2 49	21 4	21 17	17 14	8 45	0 6
F 16	9 19	9 50	5 1	16 35	1 2	19 22	0 15	25 16	3 54	3 20	1 7	17 54	1 46	21 33	0 1	9 6	1 2	24 41	2 49	21 5	21 18	17 15	8 46	0 6
S 17	8 57	14 15	4 35	16 39	0 49	19 7	0 18	25 15	3 52	3 25	1 7	17 55	1 45	21 33	0 1	9 6	1 2	24 41	2 49	21 5	21 18	17 17	8 47	0 6
S 18	8 35	17 50	3 51	16 42	0 37	18 51	0 21	25 14	3 50	3 30	1 7	17 56	1 45	21 33	0 1	9 7	1 2	24 41	2 49	21 5	21 19	17 19	8 48	0 6
M19	8 12	20 22	2 53	16 43	0 25	18 35	0 24	25 13	3 48	3 36	1 7	17 57	1 45	21 33	0 1	9 8	1 2	24 41	2 49	21 5	21 19	17 21	8 49	0 6
T 20	7 49	21 38	1 46	16 43	0 13	18 18	0 27	25 11	3 46	3 41	1 7	17 58	1 45	21 33	0 1	9 8	1 2	24 42	2 49	21 5	21 20	17 22	8 50	0 6
W21	7 27	21 32	0 32	16 41	0 1	18 0	0 30	25 10	3 44	3 46	1 7	17 59	1 44	21 33	0 1	9 9	1 2	24 42	2 49	21 5	21 20	17 24	8 51	0 5
T 22	7 4	20 7	0n43	16 37	0s10	17 43	0 32	25 8	3 42	3 52	1 7	18 0	1 44	21 33	0 1	9 10	1 2	24 42	2 49	21 5	21 21	17 26	8 52	0 5
F 23	6 41	17 31	1 54	16 32	0 20	17 24	0 35	25 6	3 40	3 57	1 7	18 1	1 44	21 33	0 1	9 10	1 2	24 42	2 49	21 5	21 21	17 28	8 53	0 5
S 24	6 18	13 59	2 58	16 25	0 30	17 5	0 37	25 4	3 37	4 2	1 6	18 2	1 44	21 34	0 1	9 11	1 2	24 42	2 49	21 6	21 22	17 29	8 54	0 5
S 25	5 55	9 48	3 51	16 17	0 40	16 46	0 40	25 2	3 35	4 8	1 6	18 3	1 43	21 34	0 1	9 11	1 2	24 42	2 49	21 7	21 23	17 31	8 56	0 5
M26	5 32	5 14	4 31	16 7	0 50	16 26	0 43	24 59	3 33	4 13	1 6	18 4	1 43	21 34	0 1	9 12	1 2	24 42	2 49	21 9	21 23	17 33	8 57	0 5
T 27	5 8	0 31	4 56	15 56	0 59	16 6	0 45	24 57	3 31	4 19	1 6	18 5	1 43	21 34	0 1	9 13	1 2	24 42	2 49	21 11	21 24	17 34	8 58	0 5
W28	4s45	4s 7	5n 6	15s43	1s 7	15s45	0s47	24n54	3n29	4n24	1s 6	18n 7	1s43	21n34	0s 1	9n13	1n 2	24n43	2n49	21n12	21n24	17s36	8n59	0n 5

Julian Day Number = 2247779.5, Delta T = 06m43s
Ecliptic obliquity = 23°30'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'25, Lahiri = 16°04'25 Julian Calendar 1 Feb. 1442 == Greg. Calendar 10 Feb. 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

MARCH 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 8 34	19♓ 0'59	5♏ 0	21♒47	20♒46	23♋30	13♈54	28♉ 5	7♊17	8°R52	20°R34	24°R48	23♋46	6♐ 4	22♈54	T 1
F 2	11 12 31	20° 0'37	17° 7	22°57	21°59	23°35	14° 8	28°10	7°18	8♍50	20♋33	24♋41	23°43	6°11	22°57	F 2
S 3	11 16 27	21° 0'13	29° 4	24°10	23°13	23°40	14°22	28°14	7°20	8°49	20°33	24°36	23°40	6°18	23° 1	S 3
S 4	11 20 24	21°59'47	10♐55	25°24	24°26	23°45	14°36	28°19	7°21	8°47	20°32	24°33	23°37	6°24	23° 4	S 4
M 5	11 24 20	22°59'20	22°45	26°40	25°40	23°52	14°50	28°23	7°23	8°46	20°32	24°D32	23°34	6°31	23° 8	M 5
T 6	11 28 17	23°58'51	4♑40	27°58	26°54	23°59	15° 4	28°28	7°24	8°44	20°31	24°33	23°30	6°38	23°11	T 6
W 7	11 32 13	24°58'20	16°44	29°18	28° 7	24° 7	15°18	28°33	7°26	8°42	20°31	24°34	23°27	6°44	23°15	W 7
T 8	11 36 10	25°57'47	29° 3	0♓39	29°21	24°15	15°32	28°38	7°27	8°41	20°30	24°R34	23°24	6°51	23°18	T 8
F 9	11 40 6	26°57'12	11♒41	2° 3	0♓34	24°24	15°46	28°43	7°29	8°39	20°30	24°32	23°21	6°58	23°22	F 9
S 10	11 44 3	27°56'36	24°42	3°27	1°48	24°33	16° 0	28°48	7°30	8°38	20°30	24°29	23°18	7° 4	23°25	S 10
S 11	11 48 0	28°55'57	8♓ 7	4°54	3° 2	24°43	16°14	28°53	7°32	8°36	20°29	24°22	23°15	7°11	23°29	S 11
M12	11 51 56	29°55'17	21°56	6°21	4°15	24°54	16°28	28°58	7°34	8°35	20°29	24°14	23°11	7°18	23°32	M12
T 13	11 55 53	0♈54'34	6♈ 5	7°51	5°29	25° 5	16°42	29° 3	7°36	8°33	20°28	24° 3	23° 8	7°25	23°36	T 13
W14	11 59 49	1°53'50	20°29	9°22	6°42	25°17	16°56	29° 9	7°38	8°32	20°28	23°53	23° 5	7°31	23°40	W14
T 15	12 3 46	2°53'03	5♉ 2	10°54	7°56	25°29	17°11	29°14	7°39	8°30	20°28	23°43	23° 2	7°38	23°43	T 15
F 16	12 7 42	3°52'14	19°37	12°28	9°10	25°42	17°25	29°20	7°41	8°29	20°28	23°34	22°59	7°45	23°47	F 16
S 17	12 11 39	4°51'23	4♊ 7	14° 3	10°23	25°55	17°39	29°25	7°43	8°27	20°27	23°28	22°55	7°51	23°51	S 17
S 18	12 15 35	5°50'29	18°28	15°40	11°37	26° 9	17°53	29°31	7°45	8°26	20°27	23°25	22°52	7°58	23°55	S 18
M19	12 19 32	6°49'33	2♋37	17°18	12°50	26°23	18° 8	29°37	7°48	8°24	20°27	23°D24	22°49	8° 5	23°58	M19
T 20	12 23 29	7°48'35	16°33	18°58	14° 4	26°38	18°22	29°42	7°50	8°23	20°27	23°R24	22°46	8°11	24° 2	T 20
W21	12 27 25	8°47'34	0♌16	20°39	15°18	26°53	18°36	29°48	7°52	8°21	20°27	23°24	22°43	8°18	24° 6	W21
T 22	12 31 22	9°46'31	13°47	22°22	16°31	27° 9	18°50	29°54	7°54	8°20	20°27	23°23	22°40	8°25	24°10	T 22
F 23	12 35 18	10°45'26	27° 7	24° 6	17°45	27°25	19° 5	0♊ 0	7°56	8°19	20°27	23°19	22°36	8°31	24°13	F 23
S 24	12 39 15	11°44'19	10♍16	25°51	18°58	27°42	19°19	0° 6	7°59	8°17	20°27	23°12	22°33	8°38	24°17	S 24
S 25	12 43 11	12°43'09	23°14	27°39	20°12	27°59	19°33	0°12	8° 1	8°16	20°D27	23° 3	22°30	8°45	24°21	S 25
M26	12 47 8	13°41'57	6♎ 1	29°27	21°26	28°16	19°48	0°18	8° 3	8°15	20°27	22°51	22°27	8°51	24°25	M26
T 27	12 51 4	14°40'43	18°36	1♈17	22°39	28°34	20° 2	0°25	8° 6	8°13	20°27	22°38	22°24	8°58	24°29	T 27
W28	12 55 1	15°39'27	0♏59	3° 9	23°53	28°52	20°17	0°31	8° 8	8°12	20°27	22°24	22°21	9° 5	24°33	W28
T 29	12 58 58	16°38'09	13°11	5° 2	25° 6	29°11	20°31	0°37	8°11	8°11	20°27	22°12	22°17	9°11	24°36	T 29
F 30	13 2 54	17°36'49	25°13	6°57	26°20	29°30	20°45	0°44	8°13	8°10	20°27	22° 1	22°14	9°18	24°40	F 30
S 31	13 6 51	18♈35'28	7♐ 7	8♈53	27♓34	29♋49	21♈ 0	0♊50	8♊16	8♍ 9	20♋27	21♋53	22♋11	9♐25	24♈44	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	4s22	8s30	5n 1	15s28	1s15	15s24	0s50	24n52	3n27	4n29	1s 6	18n 8	1s42	21n35	0s 1	9n14	1n 2	24n43	2n49	21n14	21n25	17s38	9n 0	0n 5
F 2	3 58	12 28	4 43	15 13	1 23	15 3	0 52	24 49	3 25	4 35	1 6	18 9	1 42	21 35	0 1	9 15	1 2	24 43	2 49	21 15	21 25	17 40	9 1	0 5
S 3	3 35	15 54	4 13	14 55	1 30	14 41	0 54	24 46	3 23	4 40	1 6	18 10	1 42	21 35	0 1	9 15	1 2	24 43	2 49	21 16	21 26	17 41	9 3	0 5
S 4	3 11	18 39	3 32	14 37	1 37	14 18	0 56	24 43	3 21	4 46	1 6	18 11	1 42	21 35	0 1	9 16	1 2	24 43	2 49	21 17	21 26	17 43	9 4	0 5
M 5	2 47	20 37	2 42	14 17	1 43	13 55	0 59	24 40	3 19	4 51	1 6	18 13	1 42	21 36	0 1	9 16	1 2	24 43	2 49	21 17	21 27	17 45	9 5	0 4
T 6	2 24	21 41	1 45	13 55	1 49	13 32	1 1	24 37	3 17	4 57	1 5	18 14	1 41	21 36	0 1	9 17	1 2	24 43	2 49	21 17	21 27	17 46	9 6	0 4
W 7	2 0	21 46	0 42	13 32	1 54	13 9	1 3	24 33	3 15	5 2	1 5	18 15	1 41	21 36	0 1	9 18	1 2	24 43	2 49	21 16	21 28	17 48	9 7	0 4
T 8	1 37	20 48	0s24	13 8	1 59	12 45	1 5	24 30	3 13	5 8	1 5	18 16	1 41	21 36	0 1	9 18	1 2	24 43	2 49	21 16	21 29	17 50	9 9	0 4
F 9	1 13	18 46	1 30	12 42	2 4	12 20	1 7	24 26	3 11	5 13	1 5	18 18	1 41	21 37	0 1	9 19	1 2	24 43	2 49	21 17	21 29	17 52	9 10	0 4
S 10	0 49	15 44	2 33	12 15	2 8	11 56	1 8	24 23	3 9	5 19	1 5	18 19	1 40	21 37	0 1	9 19	1 2	24 43	2 49	21 17	21 30	17 53	9 11	0 4
S 11	0 26	11 48	3 30	11 47	2 11	11 31	1 10	24 19	3 7	5 24	1 5	18 20	1 40	21 37	0 1	9 20	1 2	24 43	2 49	21 18	21 30	17 55	9 12	0 4
M12	0 2	7 8	4 16	11 17	2 15	11 6	1 12	24 15	3 5	5 30	1 5	18 22	1 40	21 38	0 1	9 21	1 2	24 44	2 49	21 20	21 31	17 57	9 14	0 4
T 13	0n22	1 59	4 48	10 46	2 17	10 40	1 14	24 11	3 3	5 35	1 5	18 23	1 40	21 38	0 1	9 21	1 2	24 44	2 49	21 22	21 31	17 58	9 15	0 4
W14	0 45	3n22	5 2	10 14	2 19	10 14	1 15	24 7	3 1	5 41	1 5	18 24	1 40	21 38	0 1	9 22	1 2	24 44	2 49	21 24	21 32	18 0	9 16	0 4
T 15	1 9	8 35	4 57	9 41	2 21	9 48	1 17	24 3	2 59	5 46	1 5	18 26	1 39	21 38	0 1	9 22	1 2	24 44	2 49	21 25	21 32	18 2	9 18	0 4
F 16	1 33	13 19	4 32	9 6	2 22	9 22	1 18	23 58	2 58	5 52	1 5	18 27	1 39	21 39	0 1	9 23	1 2	24 44	2 49	21 27	21 33	18 3	9 19	0 4
S 17	1 56	17 16	3 50	8 30	2 23	8 55	1 19	23 54	2 56	5 57	1 5	18 29	1 39	21 39	0 1	9 23	1 2	24 44	2 49	21 28	21 33	18 5	9 20	0 3
S 18	2 20	20 7	2 54	7 52	2 24	8 28	1 21	23 50	2 54	6 3	1 4	18 30	1 39	21 39	0 1	9 24	1 2	24 44	2 49	21 28	21 34	18 7	9 21	0 3
M19	2 43	21 41	1 48	7 14	2 23	8 1	1 22	23 45	2 52	6 8	1 4	18 31	1 38	21 40	0 1	9 24	1 2	24 44	2 49	21 29	21 34	18 8	9 23	0 3
T 20	3 6	21 53	0 36	6 34	2 23	7 34	1 23	23 40	2 50	6 14	1 4	18 33	1 38	21 40	0 1	9 25	1 2	24 44	2 49	21 29	21 35	18 10	9 24	0 3
W21	3 30	20 45	0n36	5 53	2 22	7 6	1 24	23 36	2 48	6 19	1 4	18 34	1 38	21 41	0 1	9 25	1 2	24 44	2 49	21 29	21 35	18 12	9 25	0 3
T 22	3 53	18 25	1 46	5 11	2 20	6 39	1 25	23 31	2 47	6 25	1 4	18 36	1 38	21 41	0 1	9 26	1 2	24 44	2 49	21 29	21 36	18 13	9 27	0 3
F 23	4 16	15 8	2 48	4 27	2 18	6 11	1 26	23 26	2 45	6 30	1 4	18 37	1 38	21 41	0 1	9 26	1 2	24 44	2 49	21 29	21 37	18 15	9 28	0 3
S 24	4 39	11 9	3 41	3 43	2 15	5 43	1 27	23 21	2 43	6 36	1 4	18 39	1 37	21 42	0 1	9 27	1 2	24 44	2 49	21 31	21 37	18 17	9 29	0 3
S 25	5 2	6 41	4 21	2 57	2 12	5 15	1 28	23 16	2 41	6 41	1 4	18 40	1 37	21 42	0 1	9 27	1 2	24 44	2 49	21 32	21 38	18 18	9 31	0 3
M26	5 25	2 0	4 47	2 11	2 8	4 46	1 29	23 10	2 39	6 47	1 4	18 42	1 37	21 42	0 1	9 28	1 2	24 44	2 49	21 34	21 38	18 20	9 32	0 3
T 27	5 48	2s42	4 59	1 23	2 4	4 18	1 30	23 5	2 38	6 52	1 4	18 43	1 37	21 43	0 1	9 28	1 2	24 44	2 49	21 36	21 39	18 22	9 33	0 3
W28	6 11	7 13	4 57	0 34	1 59	3 49	1 30	23 0	2 36	6 58	1 4	18 45	1 37	21 43	0 1	9 29	1 2	24 44	2 49	21 39	21 39	18 23	9 35	0 3
T 29	6 33	11 23	4 41	0n16	1 54	3 20	1 31	22 54	2 34	7 3	1 4	18 46	1 37	21 44	0 1	9 29	1 2	24 44	2 49	21 41	21 40	18 25	9 36	0 3
F 30	6 56	15 3	4 12	1 7	1 48	2 51	1 31	22 48	2 33	7 9	1 4	18 48	1 36	21 44	0 1	9 30	1 2	24 44	2 49	21 42	21 40	18 26	9 37	0 2
S 31	7n18	18s 4	3n33	1n58	1s42	2s22	1s32	22n43	2n31	7n14	1s 4	18n49	1s36	21n44	0s 1	9n30	1n 2	24n44	2n49	21n44	21n41	18s28	9n39	0n 2

Julian Day Number = 2247807.5, Delta T = 06m43s
Ecliptic obliquity = 23°30'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'29, Lahiri = 16°04'29 Julian Calendar 1 March 1442 == Greg. Calendar 10 March 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

APRIL 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 10 47	19♈34'04	18♐57	10♈51	28♓47	0♌ 9	21♈14	0♊57	8♊18	8°R 7	20♋27	21°R47	22♋ 8	9♐31	24♈48	S 1
M 2	13 14 44	20°32'39	0♑46	12°50	0♈ 1	0°29	21°29	1° 3	8°21	8♍ 6	20°27	21♋45	22° 5	9°38	24°52	M 2
T 3	13 18 40	21°31'13	12°39	14°51	1°14	0°49	21°43	1°10	8°23	8° 5	20°27	21°44	22° 1	9°45	24°56	T 3
W 4	13 22 37	22°29'44	24°42	16°53	2°28	1°10	21°57	1°17	8°26	8° 4	20°28	21°43	21°58	9°52	25° 0	W 4
T 5	13 26 33	23°28'14	6♒59	18°56	3°42	1°31	22°12	1°23	8°29	8° 3	20°28	21°43	21°55	9°58	25° 4	T 5
F 6	13 30 30	24°26'43	19°37	21° 1	4°55	1°52	22°26	1°30	8°32	8° 2	20°28	21°41	21°52	10° 5	25° 8	F 6
S 7	13 34 27	25°25'09	2♓39	23° 7	6° 9	2°14	22°41	1°37	8°34	8° 1	20°29	21°38	21°49	10°12	25°11	S 7
S 8	13 38 23	26°23'34	16° 9	25°14	7°22	2°36	22°55	1°44	8°37	8° 0	20°29	21°31	21°46	10°18	25°15	S 8
M 9	13 42 20	27°21'57	0♈ 7	27°22	8°36	2°59	23° 9	1°51	8°40	7°59	20°29	21°22	21°42	10°25	25°19	M 9
T 10	13 46 16	28°20'19	14°30	29°30	9°49	3°21	23°24	1°58	8°43	7°58	20°30	21°11	21°39	10°32	25°23	T 10
W11	13 50 13	29°18'39	29°13	1♉39	11° 3	3°44	23°38	2° 5	8°46	7°57	20°30	21° 0	21°36	10°38	25°27	W11
T 12	13 54 9	0♉16'57	14♉ 9	3°48	12°17	4° 8	23°52	2°12	8°49	7°56	20°30	20°49	21°33	10°45	25°31	T 12
F 13	13 58 6	1°15'13	29° 8	5°57	13°30	4°31	24° 7	2°19	8°52	7°55	20°31	20°40	21°30	10°52	25°35	F 13
S 14	14 2 2	2°13'27	14♊ 1	8° 5	14°44	4°55	24°21	2°26	8°55	7°54	20°31	20°34	21°26	10°58	25°39	S 14
S 15	14 5 59	3°11'40	28°40	10°14	15°57	5°19	24°35	2°33	8°58	7°54	20°32	20°30	21°23	11° 5	25°43	S 15
M16	14 9 55	4° 9'50	13♋ 2	12°21	17°11	5°43	24°50	2°40	9° 1	7°53	20°32	20°29	21°20	11°12	25°47	M16
T 17	14 13 52	5° 7'58	27° 3	14°27	18°24	6° 8	25° 4	2°48	9° 4	7°52	20°33	20°D29	21°17	11°18	25°50	T 17
W18	14 17 49	6° 6'05	10♌45	16°31	19°38	6°33	25°18	2°55	9° 7	7°51	20°34	20°R29	21°14	11°25	25°54	W18
T 19	14 21 45	7° 4'09	24° 8	18°34	20°52	6°58	25°32	3° 2	9°10	7°51	20°34	20°28	21°11	11°32	25°58	T 19
F 20	14 25 42	8° 2'11	7♍15	20°34	22° 5	7°24	25°47	3°10	9°13	7°50	20°35	20°24	21° 7	11°38	26° 2	F 20
S 21	14 29 38	9° 0'11	20° 7	22°33	23°19	7°49	26° 1	3°17	9°16	7°49	20°35	20°19	21° 4	11°45	26° 6	S 21
S 22	14 33 35	9°58'10	2♎47	24°29	24°32	8°15	26°15	3°24	9°19	7°49	20°36	20°10	21° 1	11°52	26°10	S 22
M23	14 37 31	10°56'06	15°16	26°22	25°46	8°41	26°29	3°32	9°23	7°48	20°37	20° 0	20°58	11°58	26°13	M23
T 24	14 41 28	11°54'01	27°36	28°12	26°59	9° 7	26°43	3°39	9°26	7°48	20°38	19°48	20°55	12° 5	26°17	T 24
W25	14 45 24	12°51'54	9♏46	29°59	28°13	9°34	26°57	3°47	9°29	7°47	20°38	19°35	20°52	12°12	26°21	W25
T 26	14 49 21	13°49'46	21°49	1♊43	29°26	10° 1	27°11	3°54	9°32	7°47	20°39	19°24	20°48	12°18	26°25	T 26
F 27	14 53 18	14°47'37	3♐44	3°24	0♉40	10°28	27°25	4° 2	9°36	7°46	20°40	19°14	20°45	12°25	26°28	F 27
S 28	14 57 14	15°45'25	15°35	5° 1	1°53	10°55	27°39	4° 9	9°39	7°46	20°41	19° 7	20°42	12°32	26°32	S 28
S 29	15 1 11	16°43'13	27°24	6°35	3° 7	11°22	27°53	4°17	9°42	7°45	20°41	19° 2	20°39	12°38	26°36	S 29
M30	15 5 7	17♉40'59	9♑12	8♊ 6	4♉20	11♌50	28♈ 7	4♊25	9♊46	7♍45	20♋42	19♋ 0	20♋36	12♐45	26♈40	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		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	7n41	20s19	2n44	2n51	1s35	1s53	1s32	22n37	2n29	7n19	1s 4	18n51	1s36	21n45	0s 1	9n31	1n 2	24n44	2n49	21n44	21n41	18s30	9n40	0n 2	S 1
M 2	8 3	21 42	1 49	3 44	1 28	1 24	1 32	22 31	2 28	7 25	1 4	18 52	1 36	21 45	0 1	9 31	1 2	24 44	2 49	21 45	21 42	18 31	9 41	0 2	M 2
T 3	8 25	22 7	0 48	4 38	1 20	0 55	1 32	22 25	2 26	7 30	1 4	18 54	1 36	21 46	0 0	9 31	1 2	24 44	2 49	21 45	21 42	18 33	9 43	0 2	T 3
W 4	8 47	21 30	0s16	5 33	1 12	0 26	1 33	22 18	2 25	7 36	1 4	18 55	1 35	21 46	0 0	9 32	1 2	24 44	2 49	21 45	21 43	18 35	9 44	0 2	W 4
T 5	9 9	19 52	1 20	6 28	1 4	0n 3	1 33	22 12	2 23	7 41	1 4	18 57	1 35	21 47	0 0	9 32	1 2	24 44	2 49	21 45	21 43	18 36	9 46	0 2	T 5
F 6	9 30	17 13	2 22	7 23	0 55	0 33	1 33	22 6	2 21	7 46	1 4	18 58	1 35	21 47	0 0	9 33	1 2	24 43	2 49	21 45	21 44	18 38	9 47	0 2	F 6
S 7	9 52	13 38	3 18	8 19	0 45	1 2	1 33	21 59	2 20	7 52	1 4	19 0	1 35	21 47	0 0	9 33	1 2	24 43	2 49	21 46	21 44	18 39	9 48	0 2	S 7
S 8	10 13	9 15	4 6	9 14	0 35	1 31	1 32	21 53	2 18	7 57	1 4	19 1	1 35	21 48	0 0	9 33	1 2	24 43	2 49	21 47	21 45	18 41	9 50	0 2	S 8
M 9	10 34	4 15	4 41	10 10	0 25	2 0	1 32	21 46	2 17	8 3	1 3	19 3	1 35	21 48	0 0	9 34	1 2	24 43	2 49	21 48	21 45	18 43	9 51	0 2	M 9
T 10	10 55	1n 8	4 59	11 6	0 15	2 30	1 32	21 39	2 15	8 8	1 3	19 4	1 35	21 49	0 0	9 34	1 2	24 43	2 49	21 50	21 46	18 44	9 52	0 2	T 10
W11	11 16	6 35	4 58	12 1	0 5	2 59	1 32	21 32	2 14	8 13	1 3	19 6	1 34	21 49	0 0	9 34	1 2	24 43	2 49	21 52	21 46	18 46	9 54	0 2	W11
T 12	11 36	11 44	4 36	12 55	0n 6	3 28	1 31	21 25	2 12	8 19	1 3	19 7	1 34	21 50	0 0	9 35	1 2	24 43	2 49	21 54	21 47	18 47	9 55	0 1	T 12
F 13	11 57	16 11	3 56	13 48	0 17	3 57	1 31	21 18	2 11	8 24	1 3	19 9	1 34	21 50	0 0	9 35	1 2	24 43	2 49	21 55	21 47	18 49	9 56	0 1	F 13
S 14	12 17	19 34	3 0	14 41	0 28	4 26	1 30	21 11	2 9	8 29	1 3	19 11	1 34	21 51	0 0	9 35	1 2	24 43	2 49	21 56	21 48	18 51	9 58	0 1	S 14
S 15	12 37	21 37	1 53	15 32	0 38	4 55	1 30	21 4	2 8	8 34	1 3	19 12	1 34	21 51	0 0	9 36	1 2	24 43	2 49	21 56	21 48	18 52	9 59	0 1	S 15
M16	12 57	22 13	0 39	16 22	0 49	5 24	1 29	20 56	2 6	8 40	1 3	19 14	1 34	21 52	0 0	9 36	1 2	24 43	2 49	21 57	21 49	18 54	10 0	0 1	M16
T 17	13 16	21 23	0n35	17 9	0 59	5 53	1 28	20 49	2 5	8 45	1 3	19 15	1 33	21 52	0 0	9 36	1 2	24 43	2 49	21 57	21 49	18 55	10 2	0 1	T 17
W18	13 36	19 17	1 45	17 56	1 9	6 21	1 27	20 41	2 4	8 50	1 3	19 17	1 33	21 53	0 0	9 36	1 2	24 43	2 49	21 57	21 50	18 57	10 3	0 1	W18
T 19	13 55	16 10	2 48	18 39	1 18	6 50	1 27	20 33	2 2	8 55	1 3	19 18	1 33	21 53	0 0	9 37	1 2	24 43	2 49	21 57	21 50	18 58	10 4	0 1	T 19
F 20	14 14	12 18	3 41	19 21	1 28	7 18	1 26	20 25	2 1	9 0	1 3	19 20	1 33	21 54	0 0	9 37	1 2	24 42	2 49	21 57	21 51	19 0	10 6	0 1	F 20
S 21	14 32	7 56	4 22	20 1	1 36	7 46	1 25	20 17	1 59	9 6	1 3	19 21	1 33	21 54	0 0	9 37	1 2	24 42	2 49	21 58	21 51	19 2	10 7	0 1	S 21
S 22	14 51	3 18	4 48	20 38	1 44	8 14	1 24	20 9	1 58	9 11	1 3	19 23	1 33	21 55	0 0	9 37	1 2	24 42	2 49	21 59	21 52	19 3	10 8	0 1	S 22
M23	15 9	1s24	5 1	21 12	1 52	8 42	1 22	20 1	1 57	9 16	1 3	19 24	1 33	21 55	0 0	9 37	1 2	24 42	2 49	22 1	21 52	19 5	10 10	0 1	M23
T 24	15 27	5 59	4 59	21 44	1 58	9 10	1 21	19 53	1 55	9 21	1 3	19 26	1 33	21 56	0 0	9 38	1 2	24 42	2 49	22 3	21 53	19 6	10 11	0 1	T 24
W25	15 45	10 18	4 44	22 14	2 4	9 37	1 20	19 45	1 54	9 26	1 3	19 27	1 32	21 56	0 0	9 38	1 2	24 42	2 49	22 5	21 53	19 8	10 12	0 0	W25
T 26	16 2	14 9	4 16	22 41	2 10	10 5	1 19	19 36	1 53	9 31	1 3	19 29	1 32	21 57	0 0	9 38	1 2	24 42	2 49	22 6	21 54	19 9	10 14	0 0	T 26
F 27	16 19	17 25	3 37	23 6	2 14	10 32	1 18	19 27	1 51	9 36	1 3	19 30	1 32	21 57	0 0	9 38	1 2	24 42	2 49	22 8	21 54	19 11	10 15	0 0	F 27
S 28	16 36	19 56	2 48	23 28	2 18	10 58	1 16	19 19	1 50	9 41	1 3	19 32	1 32	21 58	0 0	9 38	1 2	24 42	2 49	22 9	21 55	19 12	10 16	0 0	S 28
S 29	16 53	21 36	1 53	23 47	2 21	11 25	1 15	19 10	1 49	9 46	1 3	19 33	1 32	21 58	0 0	9 38	1 2	24 41	2 49	22 9	21 55	19 14	10 17	0 0	S 29
M30	17n 9	22s19	0n52	24n 5	2n23	11n51	1s13	19n 1	1n48	9n51	1s 3	19n35	1s32	21n59	0s 0	9n38	1n 2	24n41	2n49	22n10	21n56	19s15	10n19	0n 0	M30

Julian Day Number = 2247838.5, Delta T = 06m43s
Ecliptic obliquity = 23°30'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'33, Lahiri = 16°04'33 Julian Calendar 1 Apr. 1442 == Greg. Calendar 10 Apr. 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

MAY 1442 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 9 4	18♉38'44	21♊ 6	9♊33	5♉34	12♌18	28♈21	4♊32	9♊49	7°R45	20♋43	18°D59	20♋32	12♐52	26♈43	T 1
W 2	15 13 0	19°36'28	3♒ 8	10°57	6°48	12°45	28°35	4°40	9°52	7♍44	20°44	19♋ 0	20°29	12°58	26°47	W 2
T 3	15 16 57	20°34'11	15°25	12°16	8° 1	13°14	28°49	4°48	9°56	7°44	20°45	19°R 1	20°26	13° 5	26°51	T 3
F 4	15 20 53	21°31'53	28° 0	13°33	9°15	13°42	29° 3	4°55	9°59	7°44	20°46	19° 0	20°23	13°12	26°54	F 4
S 5	15 24 50	22°29'33	10♓59	14°45	10°28	14°10	29°17	5° 3	10° 3	7°44	20°47	18°59	20°20	13°18	26°58	S 5
S 6	15 28 47	23°27'13	24°26	15°54	11°42	14°39	29°30	5°11	10° 6	7°44	20°48	18°55	20°17	13°25	27° 2	S 6
M 7	15 32 43	24°24'51	8♈22	16°59	12°55	15° 8	29°44	5°19	10° 9	7°43	20°49	18°49	20°13	13°32	27° 5	M 7
T 8	15 36 40	25°22'29	22°46	18° 0	14° 9	15°37	29°58	5°26	10°13	7°43	20°50	18°42	20°10	13°39	27° 9	T 8
W 9	15 40 36	26°20'05	7♉34	18°57	15°22	16° 6	0♉11	5°34	10°16	7°43	20°51	18°34	20° 7	13°45	27°12	W 9
T 10	15 44 33	27°17'41	22°39	19°50	16°36	16°36	0°25	5°42	10°20	7°D43	20°52	18°27	20° 4	13°52	27°16	T 10
F 11	15 48 29	28°15'15	7♊51	20°39	17°49	17° 5	0°38	5°50	10°23	7°43	20°53	18°20	20° 1	13°59	27°19	F 11
S 12	15 52 26	29°12'48	23° 0	21°23	19° 3	17°35	0°52	5°58	10°27	7°43	20°54	18°16	19°58	14° 5	27°23	S 12
S 13	15 56 22	0♊10'20	7♋57	22° 4	20°17	18° 5	1° 5	6° 5	10°30	7°43	20°55	18°14	19°54	14°12	27°26	S 13
M14	16 0 19	1° 7'51	22°34	22°40	21°30	18°35	1°19	6°13	10°34	7°43	20°56	18°D13	19°51	14°19	27°30	M14
T 15	16 4 16	2° 5'20	6♌48	23°12	22°44	19° 5	1°32	6°21	10°37	7°44	20°58	18°14	19°48	14°25	27°33	T 15
W16	16 8 12	3° 2'48	20°37	23°39	23°57	19°36	1°45	6°29	10°41	7°44	20°59	18°15	19°45	14°32	27°36	W16
T 17	16 12 9	4° 0'14	4♍ 2	24° 1	25°11	20° 6	1°59	6°37	10°44	7°44	21° 0	18°R16	19°42	14°39	27°40	T 17
F 18	16 16 5	4°57'40	17° 6	24°20	26°24	20°37	2°12	6°45	10°48	7°44	21° 1	18°15	19°38	14°45	27°43	F 18
S 19	16 20 2	5°55'04	29°52	24°33	27°38	21° 8	2°25	6°52	10°52	7°44	21° 2	18°13	19°35	14°52	27°46	S 19
S 20	16 23 58	6°52'27	12♎22	24°42	28°51	21°38	2°38	7° 0	10°55	7°45	21° 4	18° 8	19°32	14°59	27°49	S 20
M21	16 27 55	7°49'48	24°40	24°R46	0♊ 5	22°10	2°51	7° 8	10°59	7°45	21° 5	18° 2	19°29	15° 5	27°53	M21
T 22	16 31 51	8°47'09	6♏47	24°46	1°19	22°41	3° 4	7°16	11° 2	7°45	21° 6	17°56	19°26	15°12	27°56	T 22
W23	16 35 48	9°44'29	18°47	24°41	2°32	23°12	3°17	7°24	11° 6	7°46	21° 8	17°49	19°23	15°19	27°59	W23
T 24	16 39 45	10°41'48	0♐42	24°32	3°46	23°44	3°30	7°32	11° 9	7°46	21° 9	17°42	19°19	15°25	28° 2	T 24
F 25	16 43 41	11°39'06	12°33	24°19	4°59	24°15	3°42	7°39	11°13	7°47	21°10	17°37	19°16	15°32	28° 5	F 25
S 26	16 47 38	12°36'23	24°22	24° 2	6°13	24°47	3°55	7°47	11°16	7°47	21°11	17°33	19°13	15°39	28° 8	S 26
S 27	16 51 34	13°33'40	6♑11	23°41	7°26	25°19	4° 8	7°55	11°20	7°48	21°13	17°31	19°10	15°45	28°11	S 27
M28	16 55 31	14°30'56	18° 3	23°17	8°40	25°51	4°20	8° 3	11°24	7°48	21°14	17°D30	19° 7	15°52	28°14	M28
T 29	16 59 27	15°28'12	0♒ 1	22°50	9°54	26°23	4°33	8°11	11°27	7°49	21°16	17°31	19° 4	15°59	28°17	T 29
W30	17 3 24	16°25'27	12° 7	22°20	11° 7	26°55	4°45	8°19	11°31	7°49	21°17	17°32	19° 0	16° 5	28°20	W30
T 31	17 7 21	17♊22'42	24♒27	21♊48	12♊21	27♌28	4♉57	8♊26	11♊34	7♍50	21♋18	17♋34	18♋57	16♐12	28♈23	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	17n25	22s 2	0s11	24n19	2n24	12n17	1s12	18n52	1n46	9n56	1s 3	19n36	1s32	21n59	0s 0	9n39	1n 2	24n41	2n49	22n10	21n56	19s17	10n20	0s 0
W 2	17 41	20 44	1 15	24 32	2 25	12 43	1 10	18 43	1 45	10 1	1 3	19 38	1 32	22 0	0 0	9 39	1 2	24 41	2 49	22 10	21 57	19 19	10 21	0 0
T 3	17 57	18 26	2 17	24 43	2 24	13 8	1 9	18 33	1 44	10 6	1 3	19 39	1 32	22 0	0 0	9 39	1 2	24 41	2 49	22 9	21 57	19 20	10 23	0 0
F 4	18 12	15 14	3 13	24 51	2 23	13 34	1 7	18 24	1 43	10 11	1 4	19 41	1 31	22 1	0 0	9 39	1 2	24 41	2 49	22 10	21 58	19 22	10 24	0 0
S 5	18 27	11 12	4 2	24 58	2 20	13 58	1 5	18 15	1 41	10 16	1 4	19 42	1 31	22 1	0 0	9 39	1 2	24 41	2 49	22 10	21 58	19 23	10 25	0 0
S 6	18 42	6 29	4 39	25 2	2 17	14 23	1 3	18 5	1 40	10 20	1 4	19 44	1 31	22 2	0 0	9 39	1 2	24 40	2 49	22 10	21 58	19 25	10 26	0 0
M 7	18 56	1 17	5 1	25 5	2 13	14 47	1 2	17 55	1 39	10 25	1 4	19 45	1 31	22 2	0 0	9 39	1 2	24 40	2 49	22 11	21 59	19 26	10 27	0 1
T 8	19 10	4n 9	5 6	25 6	2 8	15 11	1 0	17 45	1 38	10 30	1 4	19 47	1 31	22 3	0 0	9 39	1 2	24 40	2 49	22 12	21 59	19 28	10 29	0 1
W 9	19 23	9 30	4 50	25 5	2 2	15 34	0 58	17 36	1 37	10 35	1 4	19 48	1 31	22 3	0 0	9 39	1 2	24 40	2 49	22 13	22 0	19 29	10 30	0 1
T 10	19 37	14 23	4 14	25 2	1 56	15 57	0 56	17 26	1 35	10 39	1 4	19 50	1 31	22 4	0 0	9 39	1 1	24 40	2 49	22 14	22 0	19 31	10 31	0 1
F 11	19 50	18 24	3 20	24 58	1 48	16 20	0 54	17 15	1 34	10 44	1 4	19 51	1 31	22 4	0 0	9 39	1 1	24 40	2 49	22 15	22 1	19 32	10 32	0 1
S 12	20 2	21 8	2 12	24 53	1 39	16 42	0 52	17 5	1 33	10 49	1 4	19 53	1 31	22 5	0 0	9 39	1 1	24 39	2 49	22 16	22 1	19 34	10 33	0 1
S 13	20 15	22 21	0 55	24 46	1 30	17 4	0 50	16 55	1 32	10 53	1 4	19 54	1 31	22 5	0 0	9 39	1 1	24 39	2 49	22 16	22 2	19 35	10 35	0 1
M14	20 27	22 0	0n23	24 38	1 20	17 25	0 48	16 44	1 31	10 58	1 4	19 55	1 30	22 6	0 0	9 39	1 1	24 39	2 49	22 16	22 2	19 37	10 36	0 1
T 15	20 38	20 13	1 39	24 29	1 9	17 46	0 46	16 34	1 30	11 3	1 4	19 57	1 30	22 6	0 0	9 39	1 1	24 39	2 49	22 16	22 3	19 38	10 37	0 1
W16	20 50	17 17	2 46	24 18	0 57	18 7	0 44	16 23	1 29	11 7	1 4	19 58	1 30	22 7	0 0	9 39	1 1	24 39	2 49	22 16	22 3	19 39	10 38	0 1
T 17	21 1	13 30	3 42	24 6	0 44	18 27	0 42	16 13	1 28	11 12	1 4	20 0	1 30	22 7	0 0	9 39	1 1	24 39	2 49	22 16	22 4	19 41	10 39	0 1
F 18	21 11	9 11	4 25	23 54	0 30	18 46	0 39	16 2	1 26	11 16	1 4	20 1	1 30	22 8	0 0	9 38	1 1	24 38	2 49	22 16	22 4	19 42	10 40	0 1
S 19	21 22	4 33	4 54	23 40	0 16	19 5	0 37	15 51	1 25	11 21	1 4	20 2	1 30	22 8	0 0	9 38	1 1	24 38	2 49	22 16	22 5	19 44	10 41	0 1
S 20	21 31	0s10	5 8	23 26	0 1	19 24	0 35	15 40	1 24	11 25	1 4	20 4	1 30	22 9	0 0	9 38	1 1	24 38	2 49	22 17	22 5	19 45	10 42	0 2
M21	21 41	4 49	5 8	23 10	0s14	19 42	0 33	15 29	1 23	11 29	1 4	20 5	1 30	22 9	0 0	9 38	1 1	24 38	2 49	22 17	22 5	19 47	10 43	0 2
T 22	21 50	9 12	4 53	22 54	0 30	19 59	0 31	15 17	1 22	11 34	1 4	20 7	1 30	22 10	0 0	9 38	1 1	24 38	2 49	22 18	22 6	19 48	10 45	0 2
W23	21 59	13 12	4 26	22 38	0 46	20 16	0 28	15 6	1 21	11 38	1 4	20 8	1 30	22 10	0 0	9 38	1 1	24 38	2 49	22 19	22 6	19 50	10 46	0 2
T 24	22 7	16 39	3 47	22 21	1 3	20 32	0 26	14 54	1 20	11 42	1 4	20 9	1 30	22 11	0 0	9 38	1 1	24 37	2 49	22 20	22 7	19 51	10 47	0 2
F 25	22 15	19 25	2 59	22 3	1 20	20 48	0 24	14 43	1 19	11 47	1 4	20 11	1 30	22 11	0 0	9 37	1 1	24 37	2 49	22 21	22 7	19 53	10 48	0 2
S 26	22 23	21 21	2 3	21 45	1 37	21 4	0 21	14 31	1 18	11 51	1 5	20 12	1 30	22 12	0 0	9 37	1 1	24 37	2 49	22 21	22 8	19 54	10 49	0 2
S 27	22 30	22 21	1 2	21 27	1 54	21 18	0 19	14 20	1 17	11 55	1 5	20 13	1 30	22 12	0 0	9 37	1 1	24 37	2 49	22 22	22 8	19 55	10 50	0 2
M28	22 37	22 20	0s 3	21 9	2 11	21 32	0 17	14 8	1 16	11 59	1 5	20 15	1 30	22 13	0n 0	9 37	1 1	24 37	2 49	22 22	22 9	19 57	10 51	0 2
T 29	22 43	21 19	1 8	20 52	2 28	21 46	0 14	13 56	1 15	12 3	1 5	20 16	1 30	22 13	0 0	9 36	1 1	24 36	2 49	22 22	22 9	19 58	10 52	0 2
W30	22 49	19 18	2 11	20 34	2 44	21 59	0 12	13 44	1 14	12 8	1 5	20 17	1 29	22 14	0 0	9 36	1 1	24 36	2 49	22 21	22 10	20 0	10 53	0 2
T 31	22n55	16s23	3s 9	20n17	2s59	22n11	0s 9	13n32	1n13	12n12	1s 5	20n18	1s29	22n14	0n 0	9n36	1n 1	24n36	2n49	22n21	22n10	20s 1	10n54	0s 2

Julian Day Number = 2247868.5, Delta T = 06m43s
Ecliptic obliquity = 23°30'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'37, Lahiri = 16°04'38 Julian Calendar 1 May 1442 == Greg. Calendar 10 May 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

JUNE 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 11 17	18♊19'57	7♓ 3	21°R15	13♊34	28♌ 0	5♉10	8♊34	11♊38	7♍51	21♋20	17♋35	18♋54	16♐19	28♈26	F 1
S 2	17 15 14	19°17'11	20° 0	20♊41	14°48	28°33	5°22	8°42	11°41	7°51	21°21	17°R35	18°51	16°25	28°29	S 2
S 3	17 19 10	20°14'25	3♈22	20° 7	16° 2	29° 5	5°34	8°50	11°45	7°52	21°23	17°35	18°48	16°32	28°31	S 3
M 4	17 23 7	21°11'39	17°10	19°33	17°15	29°38	5°46	8°57	11°48	7°53	21°24	17°33	18°44	16°39	28°34	M 4
T 5	17 27 3	22° 8'53	1♉25	18°59	18°29	0♍11	5°58	9° 5	11°52	7°54	21°26	17°30	18°41	16°45	28°37	T 5
W 6	17 31 0	23° 6'07	16° 5	18°27	19°43	0°44	6°10	9°13	11°55	7°55	21°27	17°27	18°38	16°52	28°39	W 6
T 7	17 34 56	24° 3'20	1♊ 4	17°57	20°56	1°18	6°22	9°20	11°59	7°55	21°29	17°24	18°35	16°59	28°42	T 7
F 8	17 38 53	25° 0'34	16°14	17°30	22°10	1°51	6°34	9°28	12° 2	7°56	21°30	17°21	18°32	17° 5	28°44	F 8
S 9	17 42 50	25°57'47	1♋25	17° 5	23°24	2°24	6°45	9°36	12° 6	7°57	21°32	17°20	18°29	17°12	28°47	S 9
S 10	17 46 46	26°55'00	16°29	16°44	24°37	2°58	6°57	9°43	12° 9	7°58	21°33	17°D19	18°25	17°19	28°49	S 10
M11	17 50 43	27°52'13	1♌16	16°26	25°51	3°31	7° 8	9°51	12°13	7°59	21°35	17°20	18°22	17°25	28°52	M11
T 12	17 54 39	28°49'25	15°41	16°13	27° 5	4° 5	7°20	9°59	12°16	8° 0	21°36	17°21	18°19	17°32	28°54	T 12
W13	17 58 36	29°46'37	29°41	16° 4	28°18	4°39	7°31	10° 6	12°20	8° 1	21°38	17°22	18°16	17°39	28°57	W13
T 14	18 2 32	0♋43'48	13♍14	15°D59	29°32	5°13	7°42	10°14	12°23	8° 2	21°39	17°23	18°13	17°45	28°59	T 14
F 15	18 6 29	1°40'59	26°22	15°59	0♋46	5°47	7°53	10°21	12°26	8° 3	21°41	17°R24	18°10	17°52	29° 1	F 15
S 16	18 10 25	2°38'10	9♎ 8	16° 4	2° 0	6°21	8° 5	10°29	12°30	8° 5	21°42	17°24	18° 6	17°59	29° 3	S 16
S 17	18 14 22	3°35'20	21°35	16°14	3°13	6°56	8°15	10°36	12°33	8° 6	21°44	17°23	18° 3	18° 5	29° 5	S 17
M18	18 18 19	4°32'30	3♏48	16°29	4°27	7°30	8°26	10°44	12°37	8° 7	21°46	17°22	18° 0	18°12	29° 8	M18
T 19	18 22 15	5°29'40	15°49	16°49	5°41	8° 4	8°37	10°51	12°40	8° 8	21°47	17°20	17°57	18°19	29°10	T 19
W20	18 26 12	6°26'50	27°43	17°14	6°55	8°39	8°48	10°58	12°43	8° 9	21°49	17°19	17°54	18°25	29°12	W20
T 21	18 30 8	7°23'59	9♐34	17°44	8° 8	9°14	8°58	11° 6	12°47	8°11	21°50	17°17	17°50	18°32	29°14	T 21
F 22	18 34 5	8°21'09	21°22	18°19	9°22	9°48	9° 9	11°13	12°50	8°12	21°52	17°16	17°47	18°39	29°15	F 22
S 23	18 38 1	9°18'19	3♑13	18°59	10°36	10°23	9°19	11°20	12°53	8°13	21°54	17°15	17°44	18°45	29°17	S 23
S 24	18 41 58	10°15'29	15° 6	19°44	11°50	10°58	9°29	11°28	12°56	8°15	21°55	17°D15	17°41	18°52	29°19	S 24
M25	18 45 54	11°12'39	27° 6	20°33	13° 3	11°33	9°39	11°35	13° 0	8°16	21°57	17°15	17°38	18°59	29°21	M25
T 26	18 49 51	12° 9'50	9♒13	21°28	14°17	12° 8	9°49	11°42	13° 3	8°17	21°59	17°16	17°35	19° 5	29°23	T 26
W27	18 53 48	13° 7'01	21°30	22°28	15°31	12°44	9°59	11°49	13° 6	8°19	22° 0	17°16	17°31	19°12	29°24	W27
T 28	18 57 44	14° 4'13	3♓59	23°32	16°45	13°19	10° 9	11°56	13° 9	8°20	22° 2	17°16	17°28	19°19	29°26	T 28
F 29	19 1 41	15° 1'25	16°44	24°41	17°59	13°54	10°19	12° 3	13°12	8°22	22° 4	17°17	17°25	19°25	29°27	F 29
S 30	19 5 37	15♋58'37	29♓45	25♊54	19♋13	14♍30	10♉28	12♊10	13♊16	8♍23	22♋ 5	17♋17	17♋22	19♐32	29♈29	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	23n 0	12s39	3s59	20n 0	3s14	22n23	0s 7	13n19	1n12	12n16	1s 5	20n20	1s29	22n15	0n 0	9n36	1n 1	24n36	2n49	22n21	22n10	20s 3	10n55	0s 3
S 2	23 5	8 14	4 39	19 44	3 27	22 34	0 5	13 7	1 11	12 20	1 5	20 21	1 29	22 15	0 0	9 35	1 1	24 36	2 49	22 21	22 11	20 4	10 55	0 3
S 3	23 9	3 19	5 5	19 29	3 40	22 44	0 2	12 55	1 10	12 24	1 5	20 22	1 29	22 16	0 0	9 35	1 1	24 35	2 49	22 21	22 11	20 5	10 56	0 3
M 4	23 13	1n55	5 14	19 15	3 51	22 54	0n 0	12 42	1 9	12 28	1 5	20 23	1 29	22 16	0 0	9 35	1 1	24 35	2 49	22 21	22 12	20 7	10 57	0 3
T 5	23 17	7 14	5 5	19 2	4 2	23 3	0 2	12 30	1 8	12 31	1 5	20 25	1 29	22 17	0 0	9 34	1 1	24 35	2 49	22 22	22 12	20 8	10 58	0 3
W 6	23 20	12 17	4 36	18 51	4 10	23 11	0 5	12 17	1 7	12 35	1 5	20 26	1 29	22 17	0 0	9 34	1 1	24 35	2 49	22 22	22 13	20 10	10 59	0 3
T 7	23 23	16 43	3 48	18 41	4 18	23 19	0 7	12 4	1 6	12 39	1 5	20 27	1 29	22 18	0 0	9 34	1 1	24 35	2 49	22 22	22 13	20 11	11 0	0 3
F 8	23 25	20 5	2 43	18 32	4 24	23 26	0 10	11 51	1 5	12 43	1 6	20 28	1 29	22 18	0 0	9 33	1 1	24 34	2 49	22 23	22 13	20 12	11 1	0 3
S 9	23 27	22 4	1 27	18 26	4 28	23 33	0 12	11 38	1 4	12 47	1 6	20 29	1 29	22 19	0 0	9 33	1 1	24 34	2 49	22 23	22 14	20 14	11 1	0 3
S 10	23 28	22 25	0 5	18 21	4 32	23 38	0 14	11 25	1 3	12 50	1 6	20 30	1 29	22 19	0 0	9 33	1 1	24 34	2 49	22 23	22 14	20 15	11 2	0 3
M11	23 30	21 11	1n16	18 17	4 33	23 43	0 17	11 12	1 2	12 54	1 6	20 32	1 29	22 20	0 0	9 32	1 1	24 34	2 49	22 23	22 15	20 16	11 3	0 3
T 12	23 30	18 34	2 30	18 16	4 33	23 48	0 19	10 59	1 1	12 58	1 6	20 33	1 29	22 20	0 0	9 32	1 1	24 34	2 49	22 23	22 15	20 18	11 4	0 3
W13	23 31	14 57	3 33	18 16	4 32	23 51	0 21	10 46	1 0	13 1	1 6	20 34	1 29	22 21	0 0	9 31	1 1	24 33	2 49	22 23	22 16	20 19	11 5	0 4
T 14	23 31	10 38	4 22	18 18	4 30	23 54	0 24	10 32	0 59	13 5	1 6	20 35	1 29	22 21	0 0	9 31	1 1	24 33	2 50	22 23	22 16	20 21	11 5	0 4
F 15	23 30	5 58	4 55	18 22	4 26	23 56	0 26	10 19	0 58	13 8	1 6	20 36	1 29	22 21	0 0	9 31	1 1	24 33	2 50	22 23	22 17	20 22	11 6	0 4
S 16	23 29	1 10	5 13	18 27	4 21	23 58	0 28	10 5	0 57	13 12	1 6	20 37	1 29	22 22	0 0	9 30	1 1	24 33	2 50	22 23	22 17	20 23	11 7	0 4
S 17	23 28	3s34	5 16	18 34	4 15	23 59	0 30	9 52	0 56	13 15	1 6	20 38	1 29	22 22	0 0	9 30	1 1	24 32	2 50	22 23	22 17	20 25	11 7	0 4
M18	23 26	8 3	5 4	18 42	4 8	23 59	0 32	9 38	0 55	13 19	1 7	20 39	1 29	22 23	0 0	9 29	1 1	24 32	2 50	22 23	22 18	20 26	11 8	0 4
T 19	23 24	12 11	4 38	18 52	4 0	23 58	0 35	9 24	0 54	13 22	1 7	20 40	1 29	22 23	0 0	9 29	1 1	24 32	2 50	22 23	22 18	20 27	11 9	0 4
W20	23 21	15 47	4 1	19 3	3 51	23 57	0 37	9 11	0 53	13 25	1 7	20 41	1 29	22 24	0 0	9 28	1 1	24 32	2 50	22 23	22 19	20 29	11 9	0 4
T 21	23 18	18 45	3 14	19 16	3 42	23 54	0 39	8 57	0 53	13 28	1 7	20 42	1 29	22 24	0 0	9 28	1 0	24 32	2 50	22 23	22 19	20 30	11 10	0 4
F 22	23 15	20 55	2 19	19 29	3 32	23 52	0 41	8 43	0 52	13 32	1 7	20 43	1 29	22 25	0 0	9 27	1 0	24 31	2 50	22 24	22 19	20 31	11 11	0 4
S 23	23 11	22 11	1 17	19 43	3 21	23 48	0 43	8 29	0 51	13 35	1 7	20 44	1 29	22 25	0 0	9 27	1 0	24 31	2 50	22 24	22 20	20 33	11 11	0 4
S 24	23 7	22 27	0 12	19 58	3 9	23 44	0 45	8 15	0 50	13 38	1 7	20 45	1 29	22 25	0 0	9 26	1 0	24 31	2 50	22 24	22 20	20 34	11 12	0 4
M25	23 2	21 41	0s54	20 14	2 57	23 39	0 47	8 0	0 49	13 41	1 7	20 46	1 29	22 26	0 0	9 26	1 0	24 31	2 50	22 24	22 21	20 35	11 12	0 5
T 26	22 57	19 55	1 59	20 30	2 45	23 33	0 49	7 46	0 48	13 44	1 7	20 47	1 29	22 26	0 0	9 25	1 0	24 31	2 50	22 24	22 21	20 37	11 13	0 5
W27	22 52	17 12	2 59	20 46	2 32	23 27	0 51	7 32	0 47	13 47	1 8	20 48	1 29	22 27	0 0	9 25	1 0	24 30	2 50	22 24	22 22	20 38	11 13	0 5
T 28	22 46	13 40	3 52	21 3	2 19	23 20	0 53	7 17	0 46	13 50	1 8	20 49	1 29	22 27	0 0	9 24	1 0	24 30	2 50	22 23	22 22	20 39	11 14	0 5
F 29	22 40	9 27	4 34	21 19	2 5	23 12	0 55	7 3	0 45	13 53	1 8	20 50	1 29	22 27	0 0	9 24	1 0	24 30	2 50	22 23	22 22	20 40	11 14	0 5
S 30	22n33	4s44	5s 3	21n35	1s52	23n 4	0n57	6n48	0n45	13n56	1s 8	20n51	1s29	22n28	0n 0	9n23	1n 0	24n30	2n50	22n23	22n23	20s42	11n15	0s 5

Julian Day Number = 2247899.5, Delta T = 06m43s
Ecliptic obliquity = 23°30'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'41, Lahiri = 16°04'42 Julian Calendar 1 June 1442 == Greg. Calendar 10 June 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

JULY 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 9 34	16♋55'50	13♈ 6	27♊12	20♋26	15♍ 5	10♌38	12♊17	13♊19	8♍25	22♋ 7	17♋17	17♋19	19♐39	29♈30	S 1
M 2	19 13 30	17°53'05	26°48	28°34	21°40	15°41	10°47	12°24	13°22	8°26	22° 9	17°17	17°16	19°45	29°32	M 2
T 3	19 17 27	18°50'20	10♌52	0♋ 1	22°54	16°17	10°56	12°31	13°25	8°28	22°10	17°17	17°12	19°52	29°33	T 3
W 4	19 21 23	19°47'35	25°16	1°32	24° 8	16°53	11° 5	12°38	13°28	8°29	22°12	17°17	17° 9	19°59	29°34	W 4
T 5	19 25 20	20°44'52	9♊58	3° 7	25°22	17°29	11°14	12°44	13°31	8°31	22°14	17°17	17° 6	20° 5	29°36	T 5
F 6	19 29 17	21°42'09	24°52	4°46	26°36	18° 5	11°23	12°51	13°34	8°33	22°15	17°18	17° 3	20°12	29°37	F 6
S 7	19 33 13	22°39'28	9♋51	6°28	27°50	18°41	11°32	12°58	13°37	8°34	22°17	17°R18	17° 0	20°19	29°38	S 7
S 8	19 37 10	23°36'47	24°47	8°14	29° 4	19°17	11°40	13° 5	13°40	8°36	22°19	17°18	16°56	20°25	29°39	S 8
M 9	19 41 6	24°34'07	9♌32	10° 4	0♌18	19°53	11°49	13°11	13°43	8°38	22°20	17°18	16°53	20°32	29°40	M 9
T 10	19 45 3	25°31'27	24° 0	11°56	1°32	20°30	11°57	13°18	13°45	8°39	22°22	17°17	16°50	20°39	29°41	T 10
W11	19 48 59	26°28'47	8♍ 4	13°51	2°46	21° 6	12° 5	13°24	13°48	8°41	22°24	17°16	16°47	20°45	29°42	W11
T 12	19 52 56	27°26'09	21°43	15°49	4° 0	21°43	12°13	13°31	13°51	8°43	22°25	17°15	16°44	20°52	29°43	T 12
F 13	19 56 52	28°23'31	4♎57	17°49	5°14	22°19	12°21	13°37	13°54	8°45	22°27	17°14	16°41	20°58	29°44	F 13
S 14	20 0 49	29°20'53	17°46	19°50	6°28	22°56	12°29	13°43	13°57	8°46	22°29	17°13	16°37	21° 5	29°44	S 14
S 15	20 4 46	0♌18'16	0♏15	21°53	7°41	23°33	12°37	13°49	13°59	8°48	22°30	17°D12	16°34	21°12	29°45	S 15
M16	20 8 42	1°15'40	12°27	23°56	8°55	24°10	12°44	13°56	14° 2	8°50	22°32	17°13	16°31	21°18	29°46	M16
T 17	20 12 39	2°13'04	24°27	26° 1	10° 9	24°47	12°51	14° 2	14° 5	8°52	22°33	17°14	16°28	21°25	29°46	T 17
W18	20 16 35	3°10'29	6♐19	28° 6	11°23	25°24	12°59	14° 8	14° 7	8°54	22°35	17°15	16°25	21°32	29°47	W18
T 19	20 20 32	4° 7'55	18° 8	0♌11	12°37	26° 1	13° 6	14°14	14°10	8°56	22°37	17°16	16°22	21°38	29°47	T 19
F 20	20 24 28	5° 5'22	29°57	2°16	13°51	26°38	13°12	14°20	14°12	8°58	22°38	17°18	16°18	21°45	29°48	F 20
S 21	20 28 25	6° 2'49	11♑51	4°20	15° 5	27°15	13°19	14°26	14°15	8°59	22°40	17°R18	16°15	21°52	29°48	S 21
S 22	20 32 21	7° 0'18	23°52	6°24	16°19	27°53	13°26	14°31	14°17	9° 1	22°42	17°18	16°12	21°58	29°48	S 22
M23	20 36 18	7°57'47	6♒ 2	8°27	17°33	28°30	13°32	14°37	14°20	9° 3	22°43	17°17	16° 9	22° 5	29°48	M23
T 24	20 40 15	8°55'18	18°24	10°30	18°48	29° 8	13°38	14°43	14°22	9° 5	22°45	17°15	16° 6	22°12	29°49	T 24
W25	20 44 11	9°52'50	0♓58	12°31	20° 2	29°45	13°44	14°48	14°25	9° 7	22°46	17°12	16° 2	22°18	29°49	W25
T 26	20 48 8	10°50'23	13°45	14°31	21°16	0♎23	13°50	14°54	14°27	9° 9	22°48	17° 9	15°59	22°25	29°R49	T 26
F 27	20 52 4	11°47'57	26°45	16°29	22°30	1° 1	13°56	15° 0	14°29	9°11	22°50	17° 5	15°56	22°32	29°49	F 27
S 28	20 56 1	12°45'33	10♈ 0	18°27	23°44	1°38	14° 2	15° 5	14°31	9°13	22°51	17° 2	15°53	22°38	29°49	S 28
S 29	20 59 57	13°43'11	23°29	20°23	24°58	2°16	14° 7	15°10	14°34	9°15	22°53	16°59	15°50	22°45	29°48	S 29
M30	21 3 54	14°40'50	7♉12	22°18	26°12	2°54	14°13	15°15	14°36	9°17	22°54	16°58	15°47	22°52	29°48	M30
T 31	21 7 50	15♌38'30	21♉ 9	24♌11	27♌26	3♎32	14♉18	15♊21	14♊38	9♍20	22♋56	16°D58	15♋43	22♐58	29♈48	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	22n26	0n19	5s17	21n51	1s38	22n55	0n58	6n34	0n44	13n59	1s 8	20n52	1s29	22n28	0n 0	9n22	1n 0	24n29	2n50	22n23	22n23	20s43	11n15	0s 5
M 2	22 19	5 29	5 13	22 6	1 24	22 45	1 0	6 19	0 43	14 1	1 8	20 53	1 29	22 29	0 0	9 22	1 0	24 29	2 50	22 23	22 24	20 44	11 16	0 5
T 3	22 11	10 31	4 51	22 20	1 11	22 35	1 2	6 4	0 42	14 4	1 8	20 54	1 29	22 29	0 0	9 21	1 0	24 29	2 50	22 23	22 24	20 46	11 16	0 5
W 4	22 3	15 5	4 11	22 33	0 57	22 23	1 3	5 50	0 41	14 7	1 8	20 54	1 29	22 29	0 0	9 21	1 0	24 29	2 51	22 23	22 24	20 47	11 16	0 5
T 5	21 54	18 50	3 13	22 45	0 43	22 12	1 5	5 35	0 40	14 10	1 9	20 55	1 29	22 30	0 0	9 20	1 0	24 29	2 51	22 23	22 25	20 48	11 17	0 5
F 6	21 45	21 23	2 1	22 55	0 30	21 59	1 7	5 20	0 39	14 12	1 9	20 56	1 29	22 30	0 0	9 19	1 0	24 28	2 51	22 23	22 25	20 49	11 17	0 6
S 7	21 36	22 27	0 41	23 4	0 17	21 46	1 8	5 5	0 39	14 15	1 9	20 57	1 29	22 30	0 0	9 19	1 0	24 28	2 51	22 23	22 26	20 51	11 17	0 6
S 8	21 26	21 55	0n41	23 10	0 5	21 33	1 10	4 50	0 38	14 17	1 9	20 58	1 29	22 31	0 0	9 18	1 0	24 28	2 51	22 23	22 26	20 52	11 18	0 6
M 9	21 16	19 51	2 0	23 15	0n 7	21 18	1 11	4 35	0 37	14 20	1 9	20 58	1 29	22 31	0 0	9 17	1 0	24 28	2 51	22 23	22 26	20 53	11 18	0 6
T 10	21 6	16 33	3 10	23 17	0 19	21 3	1 12	4 20	0 36	14 22	1 9	20 59	1 29	22 32	0 0	9 17	1 0	24 28	2 51	22 23	22 27	20 55	11 18	0 6
W11	20 55	12 22	4 6	23 17	0 30	20 48	1 14	4 5	0 35	14 24	1 9	21 0	1 29	22 32	0 0	9 16	1 0	24 27	2 51	22 24	22 27	20 56	11 18	0 6
T 12	20 44	7 40	4 46	23 14	0 40	20 32	1 15	3 49	0 34	14 27	1 10	21 1	1 29	22 32	0 0	9 15	1 0	24 27	2 51	22 24	22 28	20 57	11 19	0 6
F 13	20 33	2 46	5 10	23 9	0 50	20 15	1 16	3 34	0 34	14 29	1 10	21 2	1 29	22 33	0 0	9 15	1 0	24 27	2 51	22 24	22 28	20 58	11 19	0 6
S 14	20 21	2s 7	5 17	23 1	0 59	19 58	1 17	3 19	0 33	14 31	1 10	21 2	1 29	22 33	0 0	9 14	1 0	24 27	2 51	22 24	22 28	21 0	11 19	0 6
S 15	20 9	6 46	5 9	22 50	1 7	19 40	1 18	3 4	0 32	14 33	1 10	21 3	1 29	22 33	0 0	9 13	1 0	24 27	2 51	22 24	22 29	21 1	11 19	0 6
M16	19 56	11 4	4 47	22 37	1 15	19 21	1 19	2 48	0 31	14 35	1 10	21 4	1 29	22 34	0 0	9 13	1 0	24 26	2 51	22 24	22 29	21 2	11 19	0 6
T 17	19 43	14 51	4 13	22 21	1 21	19 2	1 20	2 33	0 30	14 38	1 10	21 4	1 29	22 34	0 0	9 12	1 0	24 26	2 51	22 24	22 30	21 3	11 19	0 6
W18	19 30	18 1	3 28	22 2	1 27	18 43	1 21	2 17	0 30	14 40	1 11	21 5	1 29	22 34	0 0	9 11	1 0	24 26	2 52	22 24	22 30	21 4	11 19	0 7
T 19	19 17	20 25	2 34	21 41	1 32	18 23	1 22	2 2	0 29	14 42	1 11	21 6	1 30	22 35	0 0	9 10	1 0	24 26	2 52	22 23	22 30	21 6	11 20	0 7
F 20	19 3	21 56	1 34	21 17	1 37	18 2	1 23	1 46	0 28	14 43	1 11	21 6	1 30	22 35	0 0	9 10	1 0	24 26	2 52	22 23	22 31	21 7	11 20	0 7
S 21	18 49	22 29	0 30	20 51	1 40	17 41	1 23	1 31	0 27	14 45	1 11	21 7	1 30	22 35	0 1	9 9	1 0	24 25	2 52	22 23	22 31	21 8	11 20	0 7
S 22	18 35	21 59	0s36	20 23	1 43	17 20	1 24	1 15	0 26	14 47	1 11	21 8	1 30	22 35	0 1	9 8	1 0	24 25	2 52	22 23	22 31	21 9	11 20	0 7
M23	18 20	20 27	1 42	19 53	1 45	16 58	1 25	0 59	0 26	14 49	1 11	21 8	1 30	22 36	0 1	9 8	1 0	24 25	2 52	22 23	22 32	21 10	11 20	0 7
T 24	18 5	17 57	2 43	19 21	1 46	16 35	1 25	0 44	0 25	14 51	1 11	21 9	1 30	22 36	0 1	9 7	1 0	24 25	2 52	22 24	22 32	21 12	11 20	0 7
W25	17 50	14 33	3 38	18 48	1 46	16 12	1 26	0 28	0 24	14 52	1 12	21 9	1 30	22 36	0 1	9 6	1 0	24 25	2 52	22 24	22 33	21 13	11 20	0 7
T 26	17 34	10 27	4 22	18 13	1 46	15 49	1 26	0 12	0 23	14 54	1 12	21 10	1 30	22 37	0 1	9 5	1 0	24 24	2 52	22 24	22 33	21 14	11 19	0 7
F 27	17 18	5 48	4 54	17 37	1 45	15 25	1 26	0s 4	0 22	14 55	1 12	21 10	1 30	22 37	0 1	9 4	1 0	24 24	2 52	22 25	22 33	21 15	11 19	0 7
S 28	17 2	0 48	5 12	16 59	1 44	15 1	1 27	0 19	0 22	14 57	1 12	21 11	1 30	22 37	0 1	9 4	1 0	24 24	2 52	22 25	22 34	21 16	11 19	0 7
S 29	16 45	4n19	5 12	16 21	1 42	14 36	1 27	0 35	0 21	14 58	1 12	21 11	1 30	22 37	0 1	9 3	1 0	24 24	2 52	22 26	22 34	21 18	11 19	0 8
M30	16 29	9 19	4 55	15 41	1 39	14 11	1 27	0 51	0 20	15 0	1 12	21 12	1 30	22 38	0 1	9 2	1 0	24 24	2 53	22 26	22 35	21 19	11 19	0 8
T 31	16n12	13n55	4s20	15n 1	1n36	13n46	1n27	1s 7	0n19	15n 1	1s13	21n13	1s30	22n38	0n 1	9n 1	1n 0	24n24	2n53	22n26	22n35	21s20	11n19	0s 8

Julian Day Number = 2247929.5, Delta T = 06m43s
Ecliptic obliquity = 23°30'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'45, Lahiri = 16°04'46 Julian Calendar 1 July 1442 == Greg. Calendar 10 July 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

AUGUST 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 11 47	16♌36'13	5♊20	26♌ 3	28♌40	4♎11	14♉23	15♊26	14♊40	9♍22	22♋57	16♋59	15♋40	23♐ 5	29°R48	W 1
T 2	21 15 44	17°33'57	19°42	27°54	29°54	4°49	14°27	15°31	14°42	9°24	22°59	17° 0	15°37	23°12	29♈47	T 2
F 3	21 19 40	18°31'42	4♋13	29°43	1♍ 8	5°27	14°32	15°36	14°44	9°26	23° 1	17° 2	15°34	23°18	29°47	F 3
S 4	21 23 37	19°29'30	18°50	1♍31	2°22	6° 5	14°36	15°41	14°46	9°28	23° 2	17°R 2	15°31	23°25	29°47	S 4
S 5	21 27 33	20°27'19	3♌26	3°17	3°36	6°44	14°41	15°45	14°48	9°30	23° 4	17° 1	15°27	23°32	29°46	S 5
M 6	21 31 30	21°25'09	17°55	5° 2	4°50	7°22	14°45	15°50	14°50	9°32	23° 5	16°58	15°24	23°38	29°45	M 6
T 7	21 35 26	22°23'01	2♍12	6°46	6° 4	8° 1	14°48	15°55	14°52	9°34	23° 7	16°54	15°21	23°45	29°45	T 7
W 8	21 39 23	23°20'54	16°12	8°28	7°19	8°40	14°52	15°59	14°53	9°36	23° 8	16°49	15°18	23°52	29°44	W 8
T 9	21 43 19	24°18'49	29°49	10° 9	8°33	9°18	14°56	16° 4	14°55	9°39	23°10	16°43	15°15	23°58	29°43	T 9
F 10	21 47 16	25°16'45	13♎ 4	11°48	9°47	9°57	14°59	16° 8	14°57	9°41	23°11	16°37	15°12	24° 5	29°42	F 10
S 11	21 51 13	26°14'43	25°55	13°26	11° 1	10°36	15° 2	16°13	14°59	9°43	23°12	16°32	15° 8	24°12	29°42	S 11
S 12	21 55 9	27°12'41	8♏25	15° 3	12°15	11°15	15° 5	16°17	15° 0	9°45	23°14	16°29	15° 5	24°18	29°41	S 12
M13	21 59 6	28°10'42	20°38	16°39	13°29	11°54	15° 8	16°21	15° 2	9°47	23°15	16°27	15° 2	24°25	29°40	M13
T 14	22 3 2	29° 8'43	2♐38	18°13	14°43	12°33	15°10	16°25	15° 3	9°49	23°17	16°D27	14°59	24°32	29°39	T 14
W15	22 6 59	0♍ 6'46	14°30	19°46	15°57	13°13	15°13	16°29	15° 5	9°52	23°18	16°28	14°56	24°38	29°38	W15
T 16	22 10 55	1° 4'51	26°19	21°18	17°11	13°52	15°15	16°33	15° 6	9°54	23°19	16°29	14°53	24°45	29°36	T 16
F 17	22 14 52	2° 2'57	8♑10	22°49	18°25	14°31	15°17	16°36	15° 8	9°56	23°21	16°30	14°49	24°51	29°35	F 17
S 18	22 18 48	3° 1'04	20° 7	24°18	19°40	15°11	15°19	16°40	15° 9	9°58	23°22	16°R31	14°46	24°58	29°34	S 18
S 19	22 22 45	3°59'14	2♒15	25°46	20°54	15°50	15°20	16°44	15°10	10° 1	23°24	16°29	14°43	25° 5	29°33	S 19
M20	22 26 42	4°57'24	14°37	27°12	22° 8	16°30	15°22	16°47	15°11	10° 3	23°25	16°26	14°40	25°11	29°31	M20
T 21	22 30 38	5°55'36	27°14	28°38	23°22	17° 9	15°23	16°51	15°13	10° 5	23°26	16°20	14°37	25°18	29°30	T 21
W22	22 34 35	6°53'50	10♓ 8	0♎ 2	24°36	17°49	15°24	16°54	15°14	10° 7	23°27	16°13	14°33	25°25	29°28	W22
T 23	22 38 31	7°52'06	23°18	1°24	25°50	18°29	15°25	16°57	15°15	10° 9	23°29	16° 4	14°30	25°31	29°27	T 23
F 24	22 42 28	8°50'24	6♈42	2°45	27° 4	19° 9	15°25	17° 0	15°16	10°12	23°30	15°55	14°27	25°38	29°25	F 24
S 25	22 46 24	9°48'44	20°18	4° 5	28°18	19°49	15°26	17° 3	15°17	10°14	23°31	15°47	14°24	25°45	29°24	S 25
S 26	22 50 21	10°47'05	4♉ 5	5°23	29°32	20°29	15°26	17° 6	15°18	10°16	23°32	15°40	14°21	25°51	29°22	S 26
M27	22 54 17	11°45'29	18° 0	6°40	0♎46	21° 9	15°R26	17° 9	15°19	10°18	23°34	15°35	14°18	25°58	29°20	M27
T 28	22 58 14	12°43'55	2♊ 0	7°55	2° 0	21°49	15°26	17°12	15°19	10°21	23°35	15°33	14°14	26° 5	29°19	T 28
W29	23 2 11	13°42'24	16° 6	9° 8	3°14	22°29	15°25	17°14	15°20	10°23	23°36	15°D33	14°11	26°11	29°17	W29
T 30	23 6 7	14°40'55	0♋15	10°20	4°28	23° 9	15°25	17°17	15°21	10°25	23°37	15°33	14° 8	26°18	29°15	T 30
F 31	23 10 4	15♍39'27	14♋26	11♎30	5♎42	23♎50	15♉24	17♊19	15♊22	10♍27	23♋38	15°R34	14♋ 5	26♐25	29♈13	F 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
W 1	15n54	17n50	3s29	14n20	1n33	13n20	1n27	1s23	0n18	15n 2	1s13	21n13	1s30	22n38	0n 1	9n 1	1n 0	24n23	2n53	22n26	22n35	21s21	11n19	0s 8
T 2	15 37	20 43	2 24	13 38	1 29	12 54	1 27	1 39	0 18	15 4	1 13	21 13	1 30	22 38	0 1	9 0	1 0	24 23	2 53	22 26	22 36	21 22	11 18	0 8
F 3	15 19	22 17	1 10	12 55	1 25	12 27	1 27	1 55	0 17	15 5	1 13	21 14	1 30	22 39	0 1	8 59	1 0	24 23	2 53	22 25	22 36	21 23	11 18	0 8
S 4	15 1	22 21	0n10	12 13	1 20	12 0	1 27	2 11	0 16	15 6	1 13	21 14	1 30	22 39	0 1	8 58	1 0	24 23	2 53	22 25	22 36	21 25	11 18	0 8
S 5	14 43	20 53	1 28	11 30	1 15	11 33	1 26	2 27	0 15	15 7	1 14	21 15	1 31	22 39	0 1	8 57	1 0	24 23	2 53	22 25	22 37	21 26	11 18	0 8
M 6	14 24	18 3	2 41	10 46	1 9	11 6	1 26	2 43	0 15	15 8	1 14	21 15	1 31	22 39	0 1	8 57	1 0	24 23	2 53	22 26	22 37	21 27	11 17	0 8
T 7	14 6	14 10	3 42	10 2	1 3	10 38	1 26	2 59	0 14	15 9	1 14	21 16	1 31	22 40	0 1	8 56	1 0	24 22	2 53	22 26	22 37	21 28	11 17	0 8
W 8	13 47	9 34	4 28	9 18	0 57	10 10	1 25	3 15	0 13	15 10	1 14	21 16	1 31	22 40	0 1	8 55	1 0	24 22	2 53	22 27	22 38	21 29	11 17	0 9
T 9	13 27	4 37	4 57	8 34	0 51	9 42	1 25	3 31	0 12	15 11	1 14	21 16	1 31	22 40	0 1	8 54	1 0	24 22	2 54	22 28	22 38	21 30	11 16	0 9
F 10	13 8	0s25	5 10	7 50	0 44	9 13	1 24	3 47	0 12	15 12	1 14	21 17	1 31	22 40	0 1	8 53	1 0	24 22	2 54	22 28	22 39	21 31	11 16	0 9
S 11	12 48	5 17	5 7	7 6	0 38	8 44	1 23	4 3	0 11	15 12	1 15	21 17	1 31	22 40	0 1	8 53	1 0	24 22	2 54	22 29	22 39	21 32	11 16	0 9
S 12	12 29	9 48	4 48	6 22	0 30	8 15	1 23	4 19	0 10	15 13	1 15	21 18	1 31	22 41	0 1	8 52	1 0	24 22	2 54	22 29	22 39	21 34	11 15	0 9
M13	12 9	13 50	4 17	5 39	0 23	7 46	1 22	4 35	0 9	15 14	1 15	21 18	1 31	22 41	0 1	8 51	1 0	24 21	2 54	22 30	22 40	21 35	11 15	0 9
T 14	11 48	17 14	3 36	4 55	0 16	7 17	1 21	4 51	0 9	15 14	1 15	21 18	1 31	22 41	0 1	8 50	1 0	24 21	2 54	22 30	22 40	21 36	11 14	0 9
W15	11 28	19 53	2 45	4 11	0 8	6 47	1 20	5 7	0 8	15 15	1 15	21 19	1 31	22 41	0 1	8 49	1 0	24 21	2 54	22 30	22 40	21 37	11 14	0 9
T 16	11 7	21 40	1 47	3 28	0 0	6 17	1 19	5 22	0 7	15 15	1 15	21 19	1 31	22 41	0 1	8 48	1 0	24 21	2 54	22 29	22 41	21 38	11 13	0 9
F 17	10 47	22 31	0 45	2 45	0s 7	5 47	1 18	5 38	0 7	15 16	1 16	21 19	1 31	22 41	0 1	8 48	1 0	24 21	2 54	22 29	22 41	21 39	11 13	0 9
S 18	10 26	22 19	0s20	2 2	0 15	5 17	1 17	5 54	0 6	15 16	1 16	21 19	1 32	22 42	0 1	8 47	1 0	24 21	2 55	22 29	22 41	21 40	11 12	0 9
S 19	10 5	21 5	1 24	1 20	0 23	4 47	1 16	6 10	0 5	15 16	1 16	21 20	1 32	22 42	0 1	8 46	1 0	24 21	2 55	22 29	22 42	21 41	11 12	0 10
M20	9 43	18 49	2 26	0 38	0 32	4 16	1 14	6 26	0 4	15 17	1 16	21 20	1 32	22 42	0 1	8 45	1 0	24 21	2 55	22 30	22 42	21 42	11 11	0 10
T 21	9 22	15 37	3 21	0s 4	0 40	3 46	1 13	6 42	0 4	15 17	1 16	21 20	1 32	22 42	0 1	8 44	1 0	24 21	2 55	22 31	22 42	21 43	11 11	0 10
W22	9 0	11 37	4 8	0 45	0 48	3 15	1 12	6 58	0 3	15 17	1 16	21 20	1 32	22 42	0 1	8 43	1 0	24 20	2 55	22 31	22 43	21 44	11 10	0 10
T 23	8 39	6 59	4 42	1 25	0 57	2 44	1 10	7 14	0 2	15 17	1 17	21 21	1 32	22 42	0 1	8 43	1 0	24 20	2 55	22 32	22 43	21 46	11 9	0 10
F 24	8 17	1 57	5 2	2 5	1 5	2 13	1 9	7 30	0 1	15 17	1 17	21 21	1 32	22 42	0 1	8 42	1 0	24 20	2 55	22 34	22 43	21 47	11 9	0 10
S 25	7 55	3n15	5 5	2 45	1 13	1 42	1 7	7 46	0 1	15 17	1 17	21 21	1 32	22 43	0 1	8 41	1 0	24 20	2 55	22 35	22 44	21 48	11 8	0 10
S 26	7 33	8 22	4 50	3 24	1 22	1 11	1 6	8 1	0 0	15 17	1 17	21 21	1 32	22 43	0 1	8 40	1 0	24 20	2 56	22 35	22 44	21 49	11 7	0 10
M27	7 10	13 6	4 19	4 2	1 30	0 40	1 4	8 17	0s 1	15 17	1 17	21 21	1 32	22 43	0 1	8 39	1 0	24 20	2 56	22 36	22 45	21 50	11 7	0 10
T 28	6 48	17 10	3 31	4 39	1 38	0 9	1 2	8 33	0 1	15 17	1 17	21 22	1 32	22 43	0 1	8 38	1 0	24 20	2 56	22 36	22 45	21 51	11 6	0 10
W29	6 26	20 17	2 31	5 16	1 47	0s22	1 0	8 48	0 2	15 16	1 18	21 22	1 32	22 43	0 1	8 37	1 0	24 20	2 56	22 36	22 45	21 52	11 5	0 11
T 30	6 3	22 10	1 21	5 52	1 55	0 53	0 59	9 4	0 3	15 16	1 18	21 22	1 33	22 43	0 1	8 37	1 0	24 20	2 56	22 36	22 46	21 53	11 4	0 11
F 31	5n40	22n38	0s 6	6s27	2s 3	1s24	0n57	9s20	0s 3	15n16	1s18	21n22	1s33	22n43	0n 1	8n36	1n 0	24n20	2n56	22n36	22n46	21s54	11n 4	0s11

Julian Day Number = 2247960.5, Delta T = 06m43s
Ecliptic obliquity = 23°30'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'50, Lahiri = 16°04'50 Julian Calendar 1 Aug. 1442 == Greg. Calendar 10 Aug. 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

SEPTEMBER 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 14 0	16♍38'03	28♋38	12♎38	6♎56	24♎30	15°R23	17♊21	15♊22	10♍29	23♋39	15°R33	14♋ 2	26♐31	29°R11	S 1
S 2	23 17 57	17°36'40	12♌49	13°44	8°10	25°11	15♉22	17°24	15°23	10°32	23°40	15♋30	13°59	26°38	29♈ 9	S 2
M 3	23 21 53	18°35'19	26°54	14°48	9°24	25°51	15°20	17°26	15°23	10°34	23°41	15°25	13°55	26°45	29° 7	M 3
T 4	23 25 50	19°34'01	10♍50	15°49	10°39	26°32	15°19	17°28	15°24	10°36	23°43	15°17	13°52	26°51	29° 5	T 4
W 5	23 29 46	20°32'44	24°32	16°48	11°53	27°13	15°17	17°29	15°24	10°38	23°44	15° 7	13°49	26°58	29° 3	W 5
T 6	23 33 43	21°31'29	7♎58	17°44	13° 7	27°54	15°15	17°31	15°25	10°41	23°45	14°55	13°46	27° 5	29° 1	T 6
F 7	23 37 39	22°30'17	21° 5	18°37	14°21	28°34	15°13	17°33	15°25	10°43	23°46	14°44	13°43	27°11	28°58	F 7
S 8	23 41 36	23°29'06	3♏53	19°28	15°35	29°15	15°10	17°34	15°25	10°45	23°47	14°34	13°39	27°18	28°56	S 8
S 9	23 45 33	24°27'57	16°21	20°14	16°49	29°56	15° 8	17°36	15°25	10°47	23°47	14°26	13°36	27°24	28°54	S 9
M10	23 49 29	25°26'50	28°33	20°58	18° 3	0♏38	15° 5	17°37	15°25	10°49	23°48	14°20	13°33	27°31	28°51	M10
T 11	23 53 26	26°25'45	10♐32	21°37	19°17	1°19	15° 2	17°38	15°26	10°51	23°49	14°17	13°30	27°38	28°49	T 11
W12	23 57 22	27°24'41	22°23	22°12	20°31	2° 0	14°59	17°40	15°R26	10°54	23°50	14°16	13°27	27°44	28°47	W12
T 13	0 1 19	28°23'40	4♑11	22°42	21°45	2°41	14°56	17°41	15°26	10°56	23°51	14°D16	13°24	27°51	28°44	T 13
F 14	0 5 15	29°22'40	16° 2	23° 7	22°59	3°23	14°52	17°41	15°26	10°58	23°52	14°R16	13°20	27°58	28°42	F 14
S 15	0 9 12	0♎21'42	28° 2	23°27	24°12	4° 4	14°48	17°42	15°25	11° 0	23°53	14°15	13°17	28° 4	28°39	S 15
S 16	0 13 8	1°20'46	10♒14	23°41	25°26	4°46	14°44	17°43	15°25	11° 2	23°53	14°12	13°14	28°11	28°37	S 16
M17	0 17 5	2°19'51	22°43	23°48	26°40	5°27	14°40	17°43	15°25	11° 4	23°54	14° 7	13°11	28°18	28°34	M17
T 18	0 21 2	3°18'59	5♓33	23°R49	27°54	6° 9	14°36	17°44	15°25	11° 6	23°55	14° 0	13° 8	28°24	28°32	T 18
W19	0 24 58	4°18'08	18°44	23°42	29° 8	6°50	14°31	17°44	15°24	11° 8	23°56	13°49	13° 4	28°31	28°29	W19
T 20	0 28 55	5°17'19	2♈15	23°28	0♏22	7°32	14°27	17°44	15°24	11°11	23°56	13°37	13° 1	28°38	28°26	T 20
F 21	0 32 51	6°16'33	16° 5	23° 6	1°36	8°14	14°22	17°45	15°24	11°13	23°57	13°25	12°58	28°44	28°24	F 21
S 22	0 36 48	7°15'48	0♉ 8	22°36	2°50	8°56	14°17	17°R45	15°23	11°15	23°58	13°13	12°55	28°51	28°21	S 22
S 23	0 40 44	8°15'06	14°21	21°57	4° 4	9°38	14°12	17°44	15°23	11°17	23°58	13° 4	12°52	28°58	28°18	S 23
M24	0 44 41	9°14'26	28°37	21°11	5°18	10°20	14° 6	17°44	15°22	11°19	23°59	12°57	12°49	29° 4	28°15	M24
T 25	0 48 37	10°13'48	12♊53	20°17	6°31	11° 2	14° 1	17°44	15°22	11°21	24° 0	12°52	12°45	29°11	28°13	T 25
W26	0 52 34	11°13'13	27° 6	19°17	7°45	11°44	13°55	17°43	15°21	11°23	24° 0	12°51	12°42	29°17	28°10	W26
T 27	0 56 31	12°12'41	11♋13	18°11	8°59	12°27	13°49	17°43	15°20	11°25	24° 1	12°50	12°39	29°24	28° 7	T 27
F 28	1 0 27	13°12'10	25°14	17° 1	10°13	13° 9	13°44	17°42	15°19	11°27	24° 1	12°50	12°36	29°31	28° 4	F 28
S 29	1 4 24	14°11'42	9♌ 9	15°48	11°27	13°51	13°37	17°41	15°19	11°29	24° 2	12°49	12°33	29°37	28° 1	S 29
S 30	1 8 20	15♎11'16	22♌57	14♎35	12♏40	14♏34	13♉31	17♊41	15♊18	11♍31	24♋ 2	12♋45	12♋30	29♐44	27♈58	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
S 1	5n17	21n38	1n 9	7s 1	2s11	1s55	0n55	9s35	0s 4	15n15	1s18	21n22	1s33	22n43	0n 1	8n35	1n 0	24n20	2n56	22n36	22n46	21s55	11n 3	0s11
S 2	4 55	19 15	2 20	7 34	2 19	2 27	0 53	9 51	0 5	15 15	1 18	21 22	1 33	22 43	0 1	8 34	1 0	24 19	2 56	22 36	22 47	21 56	11 2	0 11
M 3	4 32	15 44	3 22	8 6	2 27	2 58	0 51	10 6	0 5	15 14	1 18	21 22	1 33	22 43	0 1	8 33	1 0	24 19	2 57	22 37	22 47	21 57	11 1	0 11
T 4	4 9	11 23	4 10	8 37	2 34	3 29	0 49	10 22	0 6	15 13	1 19	21 22	1 33	22 43	0 1	8 32	1 0	24 19	2 57	22 38	22 47	21 58	11 0	0 11
W 5	3 45	6 31	4 44	9 6	2 41	4 0	0 47	10 37	0 7	15 13	1 19	21 23	1 33	22 44	0 1	8 32	1 0	24 19	2 57	22 39	22 48	21 59	11 0	0 11
T 6	3 22	1 26	5 1	9 34	2 48	4 31	0 44	10 52	0 8	15 12	1 19	21 23	1 33	22 44	0 1	8 31	1 0	24 19	2 57	22 40	22 48	22 0	10 59	0 11
F 7	2 59	3s36	5 1	10 1	2 55	5 2	0 42	11 8	0 8	15 11	1 19	21 23	1 33	22 44	0 1	8 30	1 0	24 19	2 57	22 42	22 48	22 1	10 58	0 11
S 8	2 36	8 22	4 46	10 26	3 2	5 32	0 40	11 23	0 9	15 10	1 19	21 23	1 33	22 44	0 1	8 29	1 0	24 19	2 57	22 43	22 49	22 2	10 57	0 11
S 9	2 12	12 40	4 18	10 50	3 8	6 3	0 38	11 38	0 10	15 9	1 19	21 23	1 33	22 44	0 1	8 28	1 0	24 19	2 57	22 44	22 49	22 3	10 56	0 12
M10	1 49	16 21	3 38	11 11	3 14	6 33	0 35	11 53	0 10	15 9	1 20	21 23	1 34	22 44	0 1	8 28	1 0	24 19	2 57	22 44	22 49	22 4	10 55	0 12
T 11	1 25	19 18	2 49	11 31	3 19	7 4	0 33	12 8	0 11	15 8	1 20	21 23	1 34	22 44	0 1	8 27	1 0	24 19	2 58	22 45	22 49	22 5	10 54	0 12
W12	1 2	21 24	1 54	11 49	3 23	7 34	0 30	12 23	0 12	15 6	1 20	21 23	1 34	22 44	0 1	8 26	1 0	24 19	2 58	22 45	22 50	22 6	10 53	0 12
T 13	0 38	22 33	0 53	12 4	3 28	8 4	0 28	12 38	0 12	15 5	1 20	21 23	1 34	22 44	0 1	8 25	1 0	24 19	2 58	22 45	22 50	22 7	10 52	0 12
F 14	0 15	22 42	0s 9	12 16	3 31	8 34	0 25	12 53	0 13	15 4	1 20	21 23	1 34	22 44	0 1	8 24	1 0	24 19	2 58	22 45	22 50	22 8	10 51	0 12
S 15	0s 9	21 48	1 12	12 26	3 34	9 4	0 23	13 7	0 14	15 3	1 20	21 23	1 34	22 44	0 1	8 24	1 0	24 19	2 58	22 45	22 51	22 9	10 50	0 12
S 16	0 32	19 52	2 13	12 33	3 35	9 33	0 20	13 22	0 14	15 2	1 20	21 23	1 34	22 44	0 1	8 23	1 0	24 19	2 58	22 45	22 51	22 10	10 49	0 12
M17	0 56	16 57	3 9	12 36	3 36	10 3	0 18	13 37	0 15	15 0	1 20	21 23	1 34	22 44	0 1	8 22	1 0	24 19	2 58	22 46	22 51	22 11	10 48	0 12
T 18	1 19	13 10	3 56	12 36	3 36	10 32	0 15	13 51	0 15	14 59	1 21	21 23	1 34	22 44	0 1	8 21	1 0	24 19	2 59	22 46	22 52	22 11	10 47	0 12
W19	1 43	8 39	4 33	12 32	3 34	11 0	0 12	14 6	0 16	14 58	1 21	21 23	1 34	22 44	0 1	8 20	1 0	24 19	2 59	22 47	22 52	22 12	10 46	0 13
T 20	2 6	3 36	4 55	12 24	3 31	11 29	0 10	14 20	0 17	14 56	1 21	21 23	1 34	22 44	0 1	8 20	1 0	24 19	2 59	22 49	22 52	22 13	10 45	0 13
F 21	2 30	1n43	5 0	12 12	3 27	11 57	0 7	14 34	0 17	14 55	1 21	21 22	1 35	22 44	0 1	8 19	1 1	24 19	2 59	22 50	22 53	22 14	10 44	0 13
S 22	2 53	7 4	4 48	11 55	3 21	12 25	0 4	14 48	0 18	14 53	1 21	21 22	1 35	22 44	0 1	8 18	1 1	24 19	2 59	22 51	22 53	22 15	10 43	0 13
S 23	3 17	12 5	4 17	11 33	3 13	12 53	0 1	15 2	0 19	14 51	1 21	21 22	1 35	22 44	0 1	8 17	1 1	24 19	2 59	22 52	22 53	22 16	10 42	0 13
M24	3 40	16 29	3 31	11 7	3 3	13 21	0s 1	15 16	0 19	14 50	1 21	21 22	1 35	22 43	0 1	8 17	1 1	24 19	2 59	22 53	22 54	22 17	10 41	0 13
T 25	4 4	19 55	2 31	10 36	2 52	13 48	0 4	15 30	0 20	14 48	1 21	21 22	1 35	22 43	0 1	8 16	1 1	24 19	3 0	22 53	22 54	22 18	10 40	0 13
W26	4 27	22 6	1 22	10 1	2 39	14 15	0 7	15 44	0 21	14 46	1 21	21 22	1 35	22 43	0 1	8 15	1 1	24 19	3 0	22 53	22 54	22 19	10 39	0 13
T 27	4 50	22 54	0 9	9 21	2 23	14 41	0 10	15 57	0 21	14 44	1 21	21 22	1 35	22 43	0 1	8 14	1 1	24 19	3 0	22 53	22 54	22 20	10 38	0 13
F 28	5 14	22 13	1n 5	8 39	2 7	15 7	0 13	16 11	0 22	14 43	1 21	21 22	1 35	22 43	0 1	8 14	1 1	24 19	3 0	22 53	22 55	22 21	10 37	0 13
S 29	5 37	20 11	2 14	7 54	1 48	15 33	0 15	16 24	0 22	14 41	1 22	21 22	1 35	22 43	0 1	8 13	1 1	24 19	3 0	22 54	22 55	22 21	10 36	0 13
S 30	6s 0	16n59	3n15	7s 8	1s29	15s59	0s18	16s37	0s23	14n39	1s22	21n21	1s35	22n43	0n 1	8n12	1n 1	24n19	3n 0	22n54	22n55	22s22	10n34	0s14

Julian Day Number = 2247991.5, Delta T = 06m42s
Ecliptic obliquity = 23°30'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'54, Lahiri = 16°04'54 Julian Calendar 1 Sept. 1442 == Greg. Calendar 10 Sept. 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

OCTOBER 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 12 17	16♎10'53	6♍37	13°R23	13♏54	15♏16	13°R25	17°R40	15°R17	11♍32	24♋ 2	12°R39	12♋26	29♐51	27°R55	M 1
T 2	1 16 13	17°10'31	20° 7	12♎14	15° 8	15°59	13♉18	17♊38	15♊16	11°34	24° 3	12♋29	12°23	29°57	27♈53	T 2
W 3	1 20 10	18°10'12	3♎27	11°12	16°22	16°42	13°12	17°37	15°15	11°36	24° 3	12°17	12°20	0♑ 4	27°50	W 3
T 4	1 24 6	19° 9'55	16°33	10°17	17°36	17°24	13° 5	17°36	15°14	11°38	24° 4	12° 4	12°17	0°11	27°47	T 4
F 5	1 28 3	20° 9'40	29°25	9°31	18°49	18° 7	12°58	17°35	15°13	11°40	24° 4	11°50	12°14	0°17	27°44	F 5
S 6	1 31 59	21° 9'27	12♏ 1	8°56	20° 3	18°50	12°51	17°33	15°11	11°42	24° 4	11°38	12°10	0°24	27°41	S 6
S 7	1 35 56	22° 9'16	24°22	8°31	21°17	19°33	12°44	17°31	15°10	11°44	24° 4	11°28	12° 7	0°31	27°38	S 7
M 8	1 39 53	23° 9'07	6♐30	8°18	22°31	20°16	12°36	17°30	15° 9	11°45	24° 5	11°20	12° 4	0°37	27°35	M 8
T 9	1 43 49	24° 8'59	18°26	8°D16	23°44	20°59	12°29	17°28	15° 8	11°47	24° 5	11°16	12° 1	0°44	27°32	T 9
W10	1 47 46	25° 8'54	0♑16	8°25	24°58	21°42	12°22	17°26	15° 6	11°49	24° 5	11°14	11°58	0°51	27°29	W10
T 11	1 51 42	26° 8'50	12° 3	8°45	26°12	22°25	12°14	17°24	15° 5	11°51	24° 5	11°D13	11°55	0°57	27°26	T 11
F 12	1 55 39	27° 8'48	23°52	9°15	27°25	23° 9	12° 7	17°21	15° 3	11°52	24° 5	11°R13	11°51	1° 4	27°23	F 12
S 13	1 59 35	28° 8'47	5♒50	9°53	28°39	23°52	11°59	17°19	15° 2	11°54	24° 6	11°13	11°48	1°11	27°20	S 13
S 14	2 3 32	29° 8'48	18° 2	10°40	29°52	24°35	11°51	17°17	15° 0	11°56	24° 6	11°11	11°45	1°17	27°17	S 14
M15	2 7 28	0♏ 8'51	0♓32	11°35	1♐ 6	25°19	11°43	17°14	14°59	11°57	24° 6	11° 8	11°42	1°24	27°14	M15
T 16	2 11 25	1° 8'55	13°26	12°36	2°20	26° 2	11°35	17°12	14°57	11°59	24° 6	11° 1	11°39	1°30	27°11	T 16
W17	2 15 22	2° 9'01	26°44	13°42	3°33	26°46	11°27	17° 9	14°56	12° 0	24°R 6	10°52	11°36	1°37	27° 8	W17
T 18	2 19 18	3° 9'09	10♈29	14°54	4°47	27°29	11°19	17° 6	14°54	12° 2	24° 6	10°42	11°32	1°44	27° 5	T 18
F 19	2 23 15	4° 9'18	24°37	16°10	6° 0	28°13	11°11	17° 3	14°52	12° 4	24° 6	10°31	11°29	1°50	27° 2	F 19
S 20	2 27 11	5° 9'29	9♉ 4	17°29	7°14	28°57	11° 3	17° 0	14°50	12° 5	24° 6	10°21	11°26	1°57	26°59	S 20
S 21	2 31 8	6° 9'42	23°43	18°52	8°27	29°41	10°55	16°57	14°49	12° 7	24° 6	10°12	11°23	2° 4	26°56	S 21
M22	2 35 4	7° 9'57	8♊26	20°17	9°41	0♐24	10°47	16°54	14°47	12° 8	24° 5	10° 6	11°20	2°10	26°53	M22
T 23	2 39 1	8°10'14	23° 6	21°45	10°54	1° 8	10°39	16°51	14°45	12° 9	24° 5	10° 2	11°16	2°17	26°50	T 23
W24	2 42 57	9°10'33	7♋38	23°14	12° 7	1°52	10°31	16°48	14°43	12°11	24° 5	10°D 1	11°13	2°24	26°47	W24
T 25	2 46 54	10°10'54	21°57	24°44	13°21	2°36	10°23	16°44	14°41	12°12	24° 5	10° 1	11°10	2°30	26°44	T 25
F 26	2 50 51	11°11'17	6♌ 2	26°16	14°34	3°21	10°14	16°41	14°39	12°14	24° 5	10°R 2	11° 7	2°37	26°41	F 26
S 27	2 54 47	12°11'42	19°52	27°49	15°48	4° 5	10° 6	16°37	14°37	12°15	24° 4	10° 2	11° 4	2°44	26°39	S 27
S 28	2 58 44	13°12'09	3♍28	29°22	17° 1	4°49	9°58	16°34	14°35	12°16	24° 4	10° 0	11° 1	2°50	26°36	S 28
M29	3 2 40	14°12'37	16°50	0♏56	18°14	5°33	9°50	16°30	14°33	12°17	24° 4	9°55	10°57	2°57	26°33	M29
T 30	3 6 37	15°13'08	29°59	2°31	19°27	6°18	9°42	16°26	14°31	12°19	24° 4	9°49	10°54	3° 3	26°30	T 30
W31	3 10 33	16♏13'40	12♎56	4♏ 6	20♐41	7♐ 2	9♉34	16♊22	14♊29	12♍20	24♋ 3	9♋40	10♋51	3♑10	26♈27	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	6s23	12n53	4n 4	6s21	1s 9	16s24	0s21	16s50	0s24	14n37	1s22	21n21	1s35	22n43	0n 1	8n12	1n 1	24n20	3n 0	22n54	22n56	22s23	10n33	0s14
T 2	6 46	8 11	4 38	5 35	0 48	16 48	0 24	17 3	0 24	14 35	1 22	21 21	1 35	22 43	0 1	8 11	1 1	24 20	3 1	22 55	22 56	22 24	10 32	0 14
W 3	7 9	3 10	4 57	4 52	0 27	17 12	0 27	17 16	0 25	14 33	1 22	21 21	1 36	22 43	0 1	8 10	1 1	24 20	3 1	22 57	22 56	22 25	10 31	0 14
T 4	7 32	1s55	4 59	4 12	0 7	17 36	0 30	17 29	0 25	14 31	1 22	21 21	1 36	22 43	0 1	8 9	1 1	24 20	3 1	22 58	22 57	22 26	10 30	0 14
F 5	7 54	6 50	4 47	3 36	0n12	18 0	0 32	17 42	0 26	14 29	1 22	21 20	1 36	22 43	0 1	8 9	1 1	24 20	3 1	22 59	22 57	22 27	10 29	0 14
S 6	8 17	11 22	4 20	3 5	0 31	18 22	0 35	17 54	0 27	14 26	1 22	21 20	1 36	22 42	0 1	8 8	1 1	24 20	3 1	23 0	22 57	22 27	10 28	0 14
S 7	8 39	15 21	3 41	2 39	0 48	18 45	0 38	18 7	0 27	14 24	1 22	21 20	1 36	22 42	0 1	8 7	1 1	24 20	3 1	23 1	22 57	22 28	10 26	0 14
M 8	9 1	18 37	2 53	2 20	1 3	19 7	0 41	18 19	0 28	14 22	1 22	21 20	1 36	22 42	0 1	8 7	1 1	24 20	3 1	23 2	22 58	22 29	10 25	0 14
T 9	9 24	21 3	1 58	2 7	1 17	19 28	0 44	18 31	0 28	14 20	1 22	21 20	1 36	22 42	0 1	8 6	1 1	24 20	3 2	23 2	22 58	22 30	10 24	0 14
W10	9 46	22 33	0 58	1 59	1 29	19 49	0 47	18 43	0 29	14 18	1 22	21 19	1 36	22 42	0 1	8 6	1 1	24 20	3 2	23 2	22 58	22 31	10 23	0 14
T 11	10 8	23 2	0s 4	1 57	1 40	20 10	0 49	18 54	0 30	14 15	1 22	21 19	1 36	22 42	0 1	8 5	1 1	24 20	3 2	23 2	22 59	22 32	10 22	0 15
F 12	10 29	22 30	1 7	2 1	1 48	20 29	0 52	19 6	0 30	14 13	1 22	21 19	1 36	22 42	0 1	8 4	1 1	24 21	3 2	23 2	22 59	22 32	10 21	0 15
S 13	10 51	20 55	2 7	2 9	1 56	20 49	0 55	19 17	0 31	14 11	1 22	21 18	1 36	22 41	0 1	8 4	1 1	24 21	3 2	23 2	22 59	22 33	10 19	0 15
S 14	11 12	18 22	3 3	2 23	2 1	21 7	0 58	19 29	0 31	14 8	1 22	21 18	1 36	22 41	0 1	8 3	1 1	24 21	3 2	23 2	22 59	22 34	10 18	0 15
M15	11 33	14 55	3 51	2 40	2 6	21 26	1 0	19 40	0 32	14 6	1 22	21 18	1 36	22 41	0 1	8 2	1 1	24 21	3 2	23 3	23 0	22 35	10 17	0 15
T 16	11 55	10 40	4 29	3 1	2 9	21 43	1 3	19 51	0 32	14 4	1 22	21 18	1 36	22 41	0 1	8 2	1 1	24 21	3 3	23 3	23 0	22 36	10 16	0 15
W17	12 15	5 47	4 54	3 25	2 10	22 0	1 6	20 2	0 33	14 1	1 22	21 17	1 36	22 41	0 1	8 1	1 1	24 21	3 3	23 4	23 0	22 36	10 15	0 15
T 18	12 36	0 29	5 3	3 52	2 11	22 17	1 8	20 12	0 34	13 59	1 22	21 17	1 37	22 41	0 1	8 1	1 1	24 21	3 3	23 5	23 1	22 37	10 14	0 15
F 19	12 57	5n 0	4 54	4 22	2 11	22 32	1 11	20 23	0 34	13 56	1 22	21 17	1 37	22 40	0 1	8 0	1 1	24 22	3 3	23 6	23 1	22 38	10 13	0 15
S 20	13 17	10 21	4 26	4 53	2 10	22 48	1 14	20 33	0 35	13 54	1 22	21 16	1 37	22 40	0 1	8 0	1 1	24 22	3 3	23 6	23 1	22 39	10 11	0 15
S 21	13 37	15 12	3 41	5 26	2 8	23 2	1 16	20 43	0 35	13 51	1 22	21 16	1 37	22 40	0 1	7 59	1 1	24 22	3 3	23 7	23 1	22 40	10 10	0 15
M22	13 57	19 8	2 40	6 1	2 5	23 16	1 19	20 53	0 36	13 49	1 21	21 16	1 37	22 40	0 1	7 59	1 1	24 22	3 3	23 8	23 2	22 40	10 9	0 16
T 23	14 16	21 51	1 29	6 37	2 2	23 29	1 21	21 3	0 36	13 46	1 21	21 15	1 37	22 40	0 1	7 58	1 2	24 22	3 4	23 8	23 2	22 41	10 8	0 16
W24	14 36	23 5	0 13	7 13	1 58	23 42	1 24	21 12	0 37	13 44	1 21	21 15	1 37	22 39	0 1	7 58	1 2	24 22	3 4	23 8	23 2	22 42	10 7	0 16
T 25	14 55	22 46	1n 3	7 51	1 54	23 54	1 26	21 21	0 37	13 42	1 21	21 15	1 37	22 39	0 2	7 57	1 2	24 23	3 4	23 8	23 2	22 43	10 6	0 16
F 26	15 14	21 0	2 15	8 28	1 49	24 5	1 28	21 30	0 38	13 39	1 21	21 14	1 37	22 39	0 2	7 57	1 2	24 23	3 4	23 8	23 3	22 43	10 5	0 16
S 27	15 33	18 0	3 17	9 6	1 44	24 15	1 31	21 39	0 38	13 37	1 21	21 14	1 37	22 39	0 2	7 56	1 2	24 23	3 4	23 8	23 3	22 44	10 3	0 16
S 28	15 51	14 5	4 6	9 45	1 39	24 25	1 33	21 48	0 39	13 34	1 21	21 13	1 37	22 39	0 2	7 56	1 2	24 23	3 4	23 8	23 3	22 45	10 2	0 16
M29	16 9	9 32	4 42	10 23	1 33	24 34	1 35	21 57	0 39	13 32	1 21	21 13	1 37	22 38	0 2	7 55	1 2	24 23	3 5	23 8	23 3	22 46	10 1	0 16
T 30	16 27	4 37	5 1	11 1	1 27	24 42	1 37	22 5	0 40	13 29	1 21	21 13	1 37	22 38	0 2	7 55	1 2	24 24	3 5	23 9	23 4	22 46	10 0	0 16
W31	16s45	0s26	5n 5	11s39	1n21	24s50	1s39	22s13	0s40	13n27	1s20	21n12	1s37	22n38	0n 2	7n54	1n 2	24n24	3n 5	23n 9	23n 4	22s47	9n59	0s16

Julian Day Number = 2248021.5, Delta T = 06m42s
Ecliptic obliquity = 23°30'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°57'58, Lahiri = 16°04'59 Julian Calendar 1 Oct. 1442 == Greg. Calendar 10 Oct. 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

NOVEMBER 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 14 30	17♏14'14	25♎41	5♏41	21♐54	7♐47	9°R26	16°R18	14°R27	12♍21	24°R 3	9°R30	10♋48	3♌17	26°R24	T 1
F 2	3 18 26	18°14'50	8♏14	7°16	23° 7	8°31	9♌18	16♊14	14♊24	12°22	24♋ 2	9♋20	10°45	3°23	26♈22	F 2
S 3	3 22 23	19°15'27	20°35	8°51	24°20	9°16	9°10	16°10	14°22	12°23	24° 2	9°11	10°41	3°30	26°19	S 3
S 4	3 26 20	20°16'06	2♐45	10°26	25°34	10° 0	9° 2	16° 6	14°20	12°24	24° 2	9° 3	10°38	3°37	26°16	S 4
M 5	3 30 16	21°16'47	14°45	12° 2	26°47	10°45	8°54	16° 2	14°18	12°26	24° 1	8°58	10°35	3°43	26°14	M 5
T 6	3 34 13	22°17'28	26°38	13°37	28° 0	11°30	8°46	15°58	14°15	12°27	24° 1	8°55	10°32	3°50	26°11	T 6
W 7	3 38 9	23°18'11	8♌25	15°12	29°13	12°15	8°39	15°53	14°13	12°28	24° 0	8°D54	10°29	3°57	26° 8	W 7
T 8	3 42 6	24°18'55	20°11	16°47	0♌26	13° 0	8°31	15°49	14°11	12°29	23°59	8°54	10°26	4° 3	26° 6	T 8
F 9	3 46 2	25°19'41	1♒59	18°22	1°39	13°45	8°23	15°44	14° 8	12°29	23°59	8°56	10°22	4°10	26° 3	F 9
S 10	3 49 59	26°20'27	13°55	19°57	2°52	14°30	8°16	15°40	14° 6	12°30	23°58	8°57	10°19	4°17	26° 1	S 10
S 11	3 53 55	27°21'14	26° 4	21°32	4° 5	15°15	8° 9	15°35	14° 3	12°31	23°58	8°R58	10°16	4°23	25°58	S 11
M12	3 57 52	28°22'03	8♓31	23° 7	5°18	16° 0	8° 2	15°31	14° 1	12°32	23°57	8°57	10°13	4°30	25°56	M12
T 13	4 1 49	29°22'52	21°20	24°41	6°31	16°45	7°54	15°26	13°59	12°33	23°56	8°55	10°10	4°37	25°54	T 13
W14	4 5 45	0♐23'42	4♈36	26°16	7°43	17°30	7°47	15°21	13°56	12°34	23°56	8°51	10° 7	4°43	25°51	W14
T 15	4 9 42	1°24'33	18°20	27°50	8°56	18°15	7°41	15°17	13°54	12°34	23°55	8°46	10° 3	4°50	25°49	T 15
F 16	4 13 38	2°25'25	2♉32	29°25	10° 9	19° 1	7°34	15°12	13°51	12°35	23°54	8°40	10° 0	4°56	25°47	F 16
S 17	4 17 35	3°26'18	17° 8	0♐59	11°21	19°46	7°27	15° 7	13°49	12°36	23°54	8°34	9°57	5° 3	25°45	S 17
S 18	4 21 31	4°27'12	2♊ 2	2°33	12°34	20°31	7°21	15° 2	13°46	12°36	23°53	8°30	9°54	5°10	25°42	S 18
M19	4 25 28	5°28'07	17° 6	4° 8	13°47	21°17	7°14	14°57	13°44	12°37	23°52	8°26	9°51	5°16	25°40	M19
T 20	4 29 24	6°29'03	2♋11	5°42	14°59	22° 2	7° 8	14°53	13°41	12°38	23°51	8°D25	9°47	5°23	25°38	T 20
W21	4 33 21	7°30'01	17° 7	7°16	16°12	22°48	7° 2	14°48	13°39	12°38	23°50	8°25	9°44	5°30	25°36	W21
T 22	4 37 18	8°30'59	1♌47	8°50	17°24	23°33	6°56	14°43	13°36	12°39	23°49	8°26	9°41	5°36	25°34	T 22
F 23	4 41 14	9°31'59	16° 8	10°25	18°36	24°19	6°51	14°38	13°34	12°39	23°49	8°28	9°38	5°43	25°32	F 23
S 24	4 45 11	10°33'00	0♍ 7	11°59	19°49	25° 5	6°45	14°33	13°31	12°40	23°48	8°29	9°35	5°50	25°30	S 24
S 25	4 49 7	11°34'01	13°44	13°33	21° 1	25°51	6°40	14°28	13°28	12°40	23°47	8°R29	9°32	5°56	25°28	S 25
M26	4 53 4	12°35'04	27° 1	15° 8	22°13	26°36	6°34	14°23	13°26	12°40	23°46	8°29	9°28	6° 3	25°27	M26
T 27	4 57 0	13°36'08	9♎59	16°42	23°25	27°22	6°29	14°18	13°23	12°41	23°45	8°26	9°25	6°10	25°25	T 27
W28	5 0 57	14°37'13	22°40	18°17	24°37	28° 8	6°24	14°13	13°21	12°41	23°44	8°23	9°22	6°16	25°23	W28
T 29	5 4 54	15°38'19	5♏ 8	19°52	25°49	28°54	6°20	14° 8	13°18	12°41	23°43	8°20	9°19	6°23	25°21	T 29
F 30	5 8 50	16♐39'26	17♏24	21♐27	27♌ 1	29♐40	6♌15	14♊ 3	13♊16	12♍42	23♋42	8♋16	9♋16	6♌30	25♈20	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	17s 2	5s23	4n54	12s17	1n15	24s57	1s41	22s21	0s41	13n24	1s20	21n12	1s37	22n38	0n 2	7n54	1n 2	24n24	3n 5	23n10	23n 4	22s48	9n58	0s16
F 2	17 19	10 3	4 28	12 54	1 8	25 3	1 43	22 28	0 41	13 22	1 20	21 11	1 37	22 37	0 2	7 54	1 2	24 24	3 5	23 11	23 4	22 48	9 57	0 16
S 3	17 36	14 15	3 51	13 31	1 2	25 9	1 45	22 36	0 42	13 20	1 20	21 11	1 37	22 37	0 2	7 53	1 2	24 24	3 5	23 12	23 5	22 49	9 56	0 17
S 4	17 52	17 47	3 2	14 8	0 55	25 13	1 47	22 43	0 42	13 17	1 20	21 11	1 37	22 37	0 2	7 53	1 2	24 25	3 5	23 12	23 5	22 50	9 55	0 17
M 5	18 8	20 32	2 7	14 44	0 48	25 17	1 49	22 50	0 43	13 15	1 20	21 10	1 37	22 37	0 2	7 52	1 2	24 25	3 6	23 12	23 5	22 51	9 54	0 17
T 6	18 24	22 22	1 6	15 19	0 41	25 20	1 51	22 57	0 43	13 13	1 20	21 10	1 37	22 36	0 2	7 52	1 2	24 25	3 6	23 13	23 6	22 51	9 53	0 17
W 7	18 39	23 12	0 3	15 54	0 34	25 23	1 52	23 3	0 44	13 10	1 19	21 9	1 37	22 36	0 2	7 52	1 2	24 25	3 6	23 13	23 6	22 52	9 52	0 17
T 8	18 54	23 0	1s 1	16 28	0 28	25 25	1 54	23 10	0 44	13 8	1 19	21 9	1 37	22 36	0 2	7 51	1 2	24 26	3 6	23 13	23 6	22 53	9 51	0 17
F 9	19 9	21 46	2 2	17 1	0 21	25 26	1 56	23 16	0 45	13 6	1 19	21 8	1 37	22 36	0 2	7 51	1 2	24 26	3 6	23 13	23 6	22 53	9 50	0 17
S 10	19 24	19 33	2 59	17 34	0 14	25 26	1 57	23 21	0 45	13 4	1 19	21 8	1 37	22 35	0 2	7 51	1 2	24 26	3 6	23 12	23 7	22 54	9 49	0 17
S 11	19 38	16 27	3 48	18 5	0 7	25 25	1 58	23 27	0 46	13 1	1 19	21 8	1 37	22 35	0 2	7 50	1 2	24 26	3 6	23 12	23 7	22 55	9 48	0 17
M12	19 51	12 33	4 29	18 36	0 0	25 24	2 0	23 32	0 46	12 59	1 18	21 7	1 37	22 35	0 2	7 50	1 2	24 26	3 7	23 12	23 7	22 55	9 47	0 17
T 13	20 5	7 59	4 57	19 6	0s 7	25 22	2 1	23 37	0 47	12 57	1 18	21 7	1 37	22 34	0 2	7 50	1 2	24 27	3 7	23 13	23 7	22 56	9 46	0 17
W14	20 18	2 55	5 10	19 35	0 13	25 19	2 2	23 42	0 47	12 55	1 18	21 6	1 37	22 34	0 2	7 50	1 2	24 27	3 7	23 13	23 7	22 57	9 45	0 17
T 15	20 30	2n28	5 7	20 4	0 20	25 15	2 3	23 47	0 48	12 53	1 18	21 6	1 37	22 34	0 2	7 49	1 2	24 27	3 7	23 13	23 8	22 57	9 44	0 17
F 16	20 42	7 55	4 45	20 31	0 26	25 11	2 4	23 51	0 48	12 51	1 18	21 5	1 37	22 34	0 2	7 49	1 3	24 28	3 7	23 14	23 8	22 58	9 43	0 18
S 17	20 54	13 6	4 4	20 57	0 33	25 6	2 5	23 55	0 48	12 49	1 17	21 5	1 37	22 33	0 2	7 49	1 3	24 28	3 7	23 14	23 8	22 58	9 42	0 18
S 18	21 6	17 36	3 6	21 22	0 39	25 0	2 6	23 59	0 49	12 47	1 17	21 4	1 36	22 33	0 2	7 49	1 3	24 28	3 7	23 14	23 8	22 59	9 41	0 18
M19	21 17	20 59	1 54	21 47	0 45	24 54	2 7	24 3	0 49	12 46	1 17	21 4	1 36	22 33	0 2	7 49	1 3	24 28	3 7	23 14	23 9	23 0	9 41	0 18
T 20	21 27	22 55	0 34	22 10	0 51	24 47	2 7	24 6	0 50	12 44	1 17	21 3	1 36	22 32	0 2	7 48	1 3	24 29	3 8	23 15	23 9	23 0	9 40	0 18
W21	21 38	23 12	0n48	22 32	0 57	24 39	2 8	24 9	0 50	12 42	1 16	21 3	1 36	22 32	0 2	7 48	1 3	24 29	3 8	23 15	23 9	23 1	9 39	0 18
T 22	21 47	21 51	2 5	22 53	1 3	24 30	2 8	24 12	0 51	12 40	1 16	21 2	1 36	22 32	0 2	7 48	1 3	24 29	3 8	23 14	23 9	23 2	9 38	0 18
F 23	21 57	19 6	3 13	23 13	1 9	24 20	2 9	24 14	0 51	12 39	1 16	21 2	1 36	22 32	0 2	7 48	1 3	24 29	3 8	23 14	23 10	23 2	9 37	0 18
S 24	22 6	15 19	4 7	23 31	1 14	24 10	2 9	24 17	0 51	12 37	1 16	21 1	1 36	22 31	0 2	7 48	1 3	24 30	3 8	23 14	23 10	23 3	9 37	0 18
S 25	22 14	10 48	4 46	23 49	1 20	24 0	2 9	24 19	0 52	12 36	1 15	21 1	1 36	22 31	0 2	7 48	1 3	24 30	3 8	23 14	23 10	23 3	9 36	0 18
M26	22 22	5 54	5 8	24 5	1 25	23 48	2 9	24 20	0 52	12 34	1 15	21 0	1 36	22 31	0 2	7 48	1 3	24 30	3 8	23 14	23 10	23 4	9 35	0 18
T 27	22 30	0 51	5 14	24 20	1 30	23 36	2 9	24 22	0 53	12 33	1 15	21 0	1 36	22 30	0 2	7 47	1 3	24 31	3 8	23 14	23 11	23 4	9 34	0 18
W28	22 37	4s 7	5 5	24 34	1 34	23 23	2 9	24 23	0 53	12 31	1 15	20 59	1 36	22 30	0 2	7 47	1 3	24 31	3 9	23 15	23 11	23 5	9 34	0 18
T 29	22 44	8 51	4 41	24 46	1 39	23 10	2 9	24 24	0 53	12 30	1 14	20 59	1 36	22 30	0 2	7 47	1 3	24 31	3 9	23 15	23 11	23 6	9 33	0 19
F 30	22s50	13s10	4n 5	24s57	1s43	22s55	2s 9	24s24	0s54	12n29	1s14	20n58	1s36	22n29	0n 2	7n47	1n 3	24n31	3n 9	23n15	23n11	23s 6	9n32	0s19

Julian Day Number = 2248052.5, Delta T = 06m42s
Ecliptic obliquity = 23°30'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°58'02, Lahiri = 16°05'03 Julian Calendar 1 Nov. 1442 == Greg. Calendar 10 Nov. 1442

ASTRODIENST EPHEMERIS for the year 1442
geocentric

DECEMBER 1442 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 12 47	17♐40'33	29♏31	23♐ 2	28♑13	0♑26	6°R11	13°R58	13°R13	12♍42	23°R41	8°R12	9♋13	6♑36	25°R18	S 1
S 2	5 16 43	18°41'42	11♐29	24°37	29°25	1°12	6♉ 7	13♊53	13♊11	12°42	23♋40	8♋ 9	9° 9	6°43	25♈17	S 2
M 3	5 20 40	19°42'50	23°22	26°13	0♒36	1°58	6° 3	13°48	13° 8	12°42	23°39	8° 8	9° 6	6°49	25°15	M 3
T 4	5 24 36	20°44'00	5♑11	27°48	1°48	2°44	5°59	13°43	13° 5	12°42	23°38	8°D 7	9° 3	6°56	25°14	T 4
W 5	5 28 33	21°45'09	16°57	29°24	2°59	3°31	5°55	13°39	13° 3	12°42	23°37	8° 7	9° 0	7° 3	25°13	W 5
T 6	5 32 29	22°46'20	28°44	1♑ 0	4°11	4°17	5°52	13°34	13° 0	12°R42	23°35	8° 8	8°57	7° 9	25°11	T 6
F 7	5 36 26	23°47'30	10♒35	2°36	5°22	5° 3	5°48	13°29	12°58	12°42	23°34	8° 9	8°53	7°16	25°10	F 7
S 8	5 40 23	24°48'40	22°33	4°12	6°34	5°49	5°45	13°24	12°55	12°42	23°33	8°11	8°50	7°23	25° 9	S 8
S 9	5 44 19	25°49'51	4♓42	5°48	7°45	6°36	5°43	13°19	12°53	12°42	23°32	8°12	8°47	7°29	25° 8	S 9
M10	5 48 16	26°51'01	17° 6	7°24	8°56	7°22	5°40	13°14	12°50	12°42	23°31	8°13	8°44	7°36	25° 7	M10
T 11	5 52 12	27°52'12	29°50	9° 0	10° 7	8° 9	5°38	13°10	12°48	12°42	23°30	8°R13	8°41	7°43	25° 6	T 11
W12	5 56 9	28°53'22	12♈57	10°36	11°18	8°55	5°35	13° 5	12°46	12°42	23°29	8°13	8°38	7°49	25° 5	W12
T 13	6 0 5	29°54'32	26°31	12°12	12°28	9°42	5°33	13° 0	12°43	12°41	23°27	8°12	8°34	7°56	25° 4	T 13
F 14	6 4 2	0♑55'42	10♉32	13°48	13°39	10°28	5°32	12°56	12°41	12°41	23°26	8°11	8°31	8° 3	25° 3	F 14
S 15	6 7 58	1°56'52	25° 0	15°23	14°50	11°15	5°30	12°51	12°38	12°41	23°25	8°10	8°28	8° 9	25° 2	S 15
S 16	6 11 55	2°58'02	9♊52	16°59	16° 0	12° 1	5°29	12°47	12°36	12°41	23°24	8°10	8°25	8°16	25° 2	S 16
M17	6 15 52	3°59'12	24°59	18°33	17°10	12°48	5°27	12°42	12°34	12°40	23°22	8° 9	8°22	8°22	25° 1	M17
T 18	6 19 48	5° 0'22	10♋14	20° 7	18°21	13°35	5°27	12°38	12°31	12°40	23°21	8°D 9	8°19	8°29	25° 0	T 18
W19	6 23 45	6° 1'31	25°26	21°40	19°31	14°21	5°26	12°33	12°29	12°39	23°20	8° 9	8°15	8°36	25° 0	W19
T 20	6 27 41	7° 2'41	10♌26	23°12	20°40	15° 8	5°25	12°29	12°27	12°39	23°19	8° 9	8°12	8°42	24°59	T 20
F 21	6 31 38	8° 3'51	25° 7	24°42	21°50	15°55	5°25	12°25	12°25	12°39	23°17	8°R 9	8° 9	8°49	24°59	F 21
S 22	6 35 34	9° 5'00	9♍23	26°11	23° 0	16°42	5°D25	12°21	12°22	12°38	23°16	8° 9	8° 6	8°56	24°59	S 22
S 23	6 39 31	10° 6'10	23°12	27°38	24° 9	17°28	5°25	12°17	12°20	12°37	23°15	8° 9	8° 3	9° 2	24°59	S 23
M24	6 43 27	11° 7'20	6♎34	29° 2	25°19	18°15	5°25	12°13	12°18	12°37	23°13	8°D 9	7°59	9° 9	24°58	M24
T 25	6 47 24	12° 8'29	19°32	0♒23	26°28	19° 2	5°26	12° 9	12°16	12°36	23°12	8° 9	7°56	9°16	24°58	T 25
W26	6 51 21	13° 9'39	2♏ 8	1°41	27°37	19°49	5°26	12° 5	12°14	12°36	23°11	8° 9	7°53	9°22	24°58	W26
T 27	6 55 17	14°10'49	14°28	2°54	28°46	20°36	5°27	12° 1	12°12	12°35	23°10	8°10	7°50	9°29	24°D58	T 27
F 28	6 59 14	15°11'58	26°34	4° 3	29°54	21°23	5°28	11°57	12°10	12°34	23° 8	8°11	7°47	9°36	24°58	F 28
S 29	7 3 10	16°13'07	8♐31	5° 6	1♓ 3	22°10	5°30	11°54	12° 8	12°34	23° 7	8°12	7°44	9°42	24°58	S 29
S 30	7 7 7	17°14'16	20°21	6° 3	2°11	22°57	5°31	11°50	12° 6	12°33	23° 6	8°12	7°40	9°49	24°58	S 30
M31	7 11 3	18♑15'25	2♑ 9	6♒52	3♓19	23♑44	5♑33	11♊47	12♊ 4	12♍32	23♋ 4	8♋13	7♋37	9♑56	24♈59	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	22s56	16s54	3n17	25s 7	1s47	22s41	2s 8	24s25	0s54	12n28	1s14	20n58	1s35	22n29	0n 2	7n47	1n 3	24n32	3n 9	23n15	23n11	23s 7	9n32	0s19
S 2	23 2	19 53	2 22	25 15	1 51	22 25	2 8	24 25	0 54	12 26	1 14	20 57	1 35	22 29	0 2	7 47	1 3	24 32	3 9	23 16	23 12	23 7	9 31	0 19
M 3	23 7	22 0	1 21	25 22	1 54	22 9	2 7	24 25	0 55	12 25	1 13	20 57	1 35	22 28	0 2	7 47	1 3	24 32	3 9	23 16	23 12	23 8	9 30	0 19
T 4	23 11	23 8	0 16	25 27	1 58	21 53	2 7	24 24	0 55	12 24	1 13	20 57	1 35	22 28	0 2	7 47	1 3	24 33	3 9	23 16	23 12	23 8	9 30	0 19
W 5	23 15	23 14	0s49	25 31	2 0	21 35	2 6	24 23	0 55	12 23	1 13	20 56	1 35	22 28	0 2	7 47	1 3	24 33	3 9	23 16	23 12	23 9	9 29	0 19
T 6	23 19	22 18	1 52	25 33	2 3	21 18	2 5	24 22	0 56	12 23	1 12	20 56	1 35	22 28	0 2	7 47	1 3	24 33	3 10	23 16	23 13	23 9	9 29	0 19
F 7	23 22	20 22	2 51	25 34	2 5	20 59	2 4	24 21	0 56	12 22	1 12	20 55	1 35	22 27	0 2	7 47	1 3	24 34	3 10	23 16	23 13	23 10	9 28	0 19
S 8	23 25	17 32	3 42	25 34	2 7	20 40	2 3	24 19	0 56	12 21	1 12	20 55	1 35	22 27	0 2	7 47	1 4	24 34	3 10	23 15	23 13	23 10	9 28	0 19
S 9	23 27	13 56	4 25	25 31	2 9	20 21	2 2	24 18	0 57	12 20	1 11	20 54	1 34	22 27	0 2	7 47	1 4	24 34	3 10	23 15	23 13	23 11	9 27	0 19
M10	23 28	9 39	4 57	25 28	2 10	20 1	2 0	24 15	0 57	12 20	1 11	20 54	1 34	22 26	0 2	7 48	1 4	24 35	3 10	23 15	23 13	23 11	9 27	0 19
T 11	23 30	4 52	5 14	25 22	2 10	19 40	1 59	24 13	0 57	12 19	1 11	20 53	1 34	22 26	0 2	7 48	1 4	24 35	3 10	23 15	23 14	23 12	9 26	0 19
W12	23 30	0n16	5 17	25 15	2 11	19 19	1 57	24 10	0 58	12 19	1 11	20 53	1 34	22 26	0 2	7 48	1 4	24 35	3 10	23 15	23 14	23 12	9 26	0 19
T 13	23 31	5 34	5 2	25 7	2 10	18 58	1 56	24 7	0 58	12 19	1 10	20 52	1 34	22 25	0 2	7 48	1 4	24 35	3 10	23 15	23 14	23 13	9 26	0 20
F 14	23 30	10 46	4 29	24 56	2 9	18 36	1 54	24 4	0 58	12 18	1 10	20 52	1 34	22 25	0 2	7 48	1 4	24 36	3 10	23 15	23 14	23 13	9 25	0 20
S 15	23 30	15 33	3 38	24 44	2 8	18 13	1 52	24 0	0 59	12 18	1 10	20 52	1 34	22 25	0 2	7 48	1 4	24 36	3 11	23 16	23 14	23 14	9 25	0 20
S 16	23 29	19 30	2 31	24 31	2 6	17 50	1 50	23 57	0 59	12 18	1 9	20 51	1 33	22 25	0 2	7 48	1 4	24 36	3 11	23 16	23 15	23 14	9 25	0 20
M17	23 27	22 12	1 13	24 16	2 4	17 27	1 48	23 52	0 59	12 18	1 9	20 51	1 33	22 24	0 2	7 48	1 4	24 37	3 11	23 16	23 15	23 15	9 24	0 20
T 18	23 25	23 18	0n12	23 59	2 1	17 3	1 46	23 48	0 59	12 18	1 9	20 50	1 33	22 24	0 2	7 49	1 4	24 37	3 11	23 16	23 15	23 15	9 24	0 20
W19	23 22	22 40	1 35	23 41	1 57	16 39	1 43	23 43	1 0	12 18	1 8	20 50	1 33	22 24	0 2	7 49	1 4	24 37	3 11	23 16	23 15	23 16	9 24	0 20
T 20	23 19	20 24	2 50	23 21	1 52	16 14	1 41	23 39	1 0	12 18	1 8	20 50	1 33	22 23	0 2	7 49	1 4	24 38	3 11	23 16	23 15	23 16	9 24	0 20
F 21	23 16	16 50	3 53	23 0	1 47	15 49	1 38	23 33	1 0	12 18	1 8	20 49	1 33	22 23	0 2	7 49	1 4	24 38	3 11	23 16	23 16	23 17	9 23	0 20
S 22	23 12	12 23	4 39	22 38	1 41	15 24	1 36	23 28	1 0	12 18	1 8	20 49	1 32	22 23	0 2	7 50	1 4	24 38	3 11	23 16	23 16	23 17	9 23	0 20
S 23	23 8	7 25	5 7	22 14	1 34	14 58	1 33	23 22	1 1	12 19	1 7	20 49	1 32	22 23	0 2	7 50	1 4	24 39	3 11	23 16	23 16	23 17	9 23	0 20
M24	23 3	2 15	5 18	21 49	1 26	14 32	1 30	23 16	1 1	12 19	1 7	20 48	1 32	22 22	0 2	7 50	1 4	24 39	3 11	23 16	23 16	23 18	9 23	0 20
T 25	22 57	2s51	5 12	21 24	1 18	14 6	1 27	23 10	1 1	12 19	1 7	20 48	1 32	22 22	0 2	7 50	1 4	24 39	3 11	23 16	23 16	23 18	9 23	0 20
W26	22 51	7 42	4 51	20 57	1 8	13 39	1 24	23 3	1 1	12 20	1 6	20 48	1 32	22 22	0 2	7 51	1 4	24 40	3 12	23 16	23 17	23 19	9 23	0 20
T 27	22 45	12 8	4 17	20 30	0 58	13 12	1 21	22 56	1 2	12 20	1 6	20 47	1 32	22 21	0 2	7 51	1 4	24 40	3 12	23 16	23 17	23 19	9 23	0 20
F 28	22 39	16 1	3 32	20 3	0 46	12 45	1 17	22 49	1 2	12 21	1 6	20 47	1 31	22 21	0 2	7 51	1 4	24 40	3 12	23 15	23 17	23 20	9 23	0 21
S 29	22 31	19 12	2 38	19 35	0 33	12 17	1 14	22 42	1 2	12 22	1 5	20 47	1 31	22 21	0 2	7 52	1 4	24 40	3 12	23 15	23 17	23 20	9 23	0 21
S 30	22 24	21 32	1 38	19 8	0 20	11 49	1 10	22 34	1 2	12 23	1 5	20 46	1 31	22 21	0 2	7 52	1 4	24 41	3 12	23 15	23 17	23 20	9 23	0 21
M31	22s16	22s56	0n34	18s42	0s 5	11s21	1s 7	22s27	1s 2	12n23	1s 5	20n46	1s31	22n20	0n 2	7n52	1n 4	24n41	3n12	23n15	23n17	23s21	9n23	0s21

Julian Day Number = 2248082.5, Delta T = 06m42s
Ecliptic obliquity = 23°30'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°58'06, Lahiri = 16°05'07 Julian Calendar 1 Dec. 1442 == Greg. Calendar 10 Dec. 1442