Astrodienst Ephemeris Tables

for the year 1444

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 1444
geocentric

JANUARY 1444 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 14 3	19♉ 1'54	16♉12	10°R58	13♉18	15♍43	11°R45	26°R57	16°R34	14°R45	24°R29	19♊36	18♊14	20♒37	29♈21	W 1
T 2	7 17 59	20° 2'59	29°38	9♉54	14°33	15°48	11♊40	26♊53	16♊32	14♍44	24♋28	19°37	18°11	20°44	29°21	T 2
F 3	7 21 56	21° 4'03	13♊32	8°58	15°48	15°53	11°35	26°49	16°30	14°43	24°26	19°R38	18° 8	20°50	29°21	F 3
S 4	7 25 52	22° 5'07	27°53	8°11	17° 4	15°56	11°31	26°44	16°28	14°42	24°25	19°38	18° 5	20°57	29°21	S 4
S 5	7 29 49	23° 6'10	12♋38	7°33	18°19	15°59	11°26	26°40	16°26	14°41	24°24	19°36	18° 2	21° 4	29°21	S 5
M 6	7 33 45	24° 7'12	27°40	7° 4	19°34	16° 1	11°22	26°36	16°24	14°40	24°22	19°33	17°58	21°10	29°22	M 6
T 7	7 37 42	25° 8'13	12♌50	6°44	20°50	16° 3	11°18	26°32	16°22	14°39	24°21	19°28	17°55	21°17	29°22	T 7
W 8	7 41 39	26° 9'14	27°59	6°33	22° 5	16° 4	11°14	26°28	16°20	14°39	24°20	19°23	17°52	21°24	29°23	W 8
T 9	7 45 35	27°10'13	12♍56	6°D31	23°21	16°R 4	11°11	26°24	16°19	14°38	24°18	19°17	17°49	21°31	29°23	T 9
F 10	7 49 32	28°11'12	27°34	6°36	24°36	16° 3	11° 7	26°20	16°17	14°37	24°17	19°12	17°46	21°37	29°24	F 10
S 11	7 53 28	29°12'11	11♎48	6°49	25°51	16° 2	11° 4	26°16	16°15	14°35	24°16	19° 9	17°43	21°44	29°24	S 11
S 12	7 57 25	0♒13'09	25°37	7° 8	27° 7	15°59	11° 1	26°13	16°14	14°34	24°14	19°D 8	17°39	21°51	29°25	S 12
M13	8 1 21	1°14'06	9♏ 0	7°34	28°22	15°56	10°58	26° 9	16°12	14°33	24°13	19° 8	17°36	21°57	29°26	M13
T 14	8 5 18	2°15'02	22° 1	8° 5	29°37	15°52	10°55	26° 6	16°10	14°32	24°12	19° 9	17°33	22° 4	29°27	T 14
W15	8 9 14	3°15'58	4♐43	8°42	0♒53	15°48	10°52	26° 2	16° 9	14°31	24°10	19°11	17°30	22°11	29°28	W15
T 16	8 13 11	4°16'53	17° 9	9°23	2° 8	15°42	10°50	25°59	16° 7	14°30	24° 9	19°R11	17°27	22°18	29°29	T 16
F 17	8 17 8	5°17'47	29°24	10° 9	3°23	15°36	10°48	25°56	16° 6	14°29	24° 8	19°11	17°24	22°24	29°30	F 17
S 18	8 21 4	6°18'40	11♑30	10°58	4°39	15°29	10°46	25°52	16° 5	14°28	24° 6	19° 8	17°20	22°31	29°31	S 18
S 19	8 25 1	7°19'32	23°29	11°51	5°54	15°21	10°44	25°49	16° 3	14°26	24° 5	19° 3	17°17	22°38	29°32	S 19
M20	8 28 57	8°20'23	5♒24	12°47	7° 9	15°13	10°43	25°46	16° 2	14°25	24° 4	18°56	17°14	22°44	29°33	M20
T 21	8 32 54	9°21'12	17°17	13°47	8°24	15° 4	10°41	25°43	16° 1	14°24	24° 2	18°46	17°11	22°51	29°34	T 21
W22	8 36 50	10°22'00	29° 8	14°48	9°40	14°53	10°40	25°41	15°59	14°22	24° 1	18°36	17° 8	22°58	29°36	W22
T 23	8 40 47	11°22'47	11♓ 0	15°53	10°55	14°42	10°39	25°38	15°58	14°21	24° 0	18°25	17° 4	23° 4	29°37	T 23
F 24	8 44 43	12°23'32	22°54	17° 0	12°10	14°31	10°39	25°35	15°57	14°20	23°58	18°15	17° 1	23°11	29°38	F 24
S 25	8 48 40	13°24'16	4♈52	18° 8	13°25	14°18	10°38	25°33	15°56	14°18	23°57	18° 6	16°58	23°18	29°40	S 25
S 26	8 52 37	14°24'58	16°58	19°19	14°41	14° 5	10°38	25°30	15°55	14°17	23°56	18° 0	16°55	23°25	29°42	S 26
M27	8 56 33	15°25'39	29°15	20°32	15°56	13°51	10°D38	25°28	15°54	14°16	23°55	17°56	16°52	23°31	29°43	M27
T 28	9 0 30	16°26'18	11♉48	21°46	17°11	13°36	10°38	25°26	15°53	14°14	23°53	17°D55	16°49	23°38	29°45	T 28
W29	9 4 26	17°26'55	24°40	23° 2	18°26	13°21	10°38	25°24	15°52	14°13	23°52	17°55	16°45	23°45	29°47	W29
T 30	9 8 23	18°27'30	7♊56	24°20	19°41	13° 5	10°39	25°22	15°52	14°11	23°51	17°56	16°42	23°51	29°48	T 30
F 31	9 12 19	19♒28'04	21♊40	25♉38	20♒56	12♍48	10♊39	25♊20	15♊51	14♍10	23♋50	17°R56	16♊39	23♒58	29♈50	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	22s 9	13n58	2s53	19s38	3n26	23s26	0s35	8n47	3n24	21n49	0s27	22n33	0s56	22n56	0n 6	7n 4	1n 8	24n51	3n38	23n 6	22n59	18s59	10n27	0s53
T 2	22 1	18 23	1 47	19 41	3 28	23 20	0 37	8 47	3 26	21 49	0 27	22 33	0 56	22 55	0 6	7 4	1 8	24 52	3 38	23 6	22 59	18 57	10 27	0 53
F 3	21 51	21 56	0 33	19 45	3 27	23 14	0 40	8 47	3 28	21 48	0 26	22 33	0 56	22 55	0 6	7 5	1 8	24 52	3 38	23 6	22 59	18 55	10 27	0 53
S 4	21 42	24 15	0n45	19 51	3 25	23 6	0 42	8 47	3 30	21 48	0 26	22 33	0 55	22 55	0 6	7 5	1 8	24 52	3 38	23 6	22 59	18 53	10 27	0 53
S 5	21 32	24 56	2 2	19 57	3 21	22 59	0 44	8 47	3 32	21 47	0 26	22 33	0 55	22 55	0 6	7 6	1 8	24 53	3 38	23 6	22 58	18 52	10 27	0 53
M 6	21 21	23 50	3 13	20 4	3 15	22 50	0 46	8 48	3 33	21 47	0 26	22 33	0 55	22 55	0 6	7 6	1 8	24 53	3 38	23 6	22 58	18 50	10 27	0 53
T 7	21 10	21 0	4 10	20 12	3 9	22 41	0 48	8 49	3 35	21 47	0 26	22 33	0 55	22 55	0 6	7 6	1 8	24 53	3 38	23 6	22 58	18 48	10 27	0 53
W 8	20 59	16 44	4 49	20 21	3 1	22 31	0 50	8 51	3 37	21 46	0 25	22 33	0 55	22 54	0 6	7 7	1 8	24 54	3 38	23 5	22 57	18 46	10 27	0 53
T 9	20 47	11 28	5 9	20 29	2 52	22 20	0 52	8 52	3 39	21 46	0 25	22 33	0 55	22 54	0 6	7 7	1 8	24 54	3 38	23 5	22 57	18 44	10 28	0 53
F 10	20 35	5 40	5 7	20 39	2 42	22 9	0 53	8 54	3 41	21 46	0 25	22 33	0 54	22 54	0 6	7 8	1 8	24 54	3 38	23 4	22 57	18 43	10 28	0 53
S 11	20 23	0s17	4 47	20 48	2 33	21 57	0 55	8 57	3 43	21 46	0 25	22 33	0 54	22 54	0 6	7 8	1 8	24 55	3 38	23 4	22 57	18 41	10 28	0 53
S 12	20 10	6 3	4 10	20 57	2 22	21 44	0 57	8 59	3 44	21 45	0 25	22 33	0 54	22 54	0 6	7 8	1 8	24 55	3 38	23 4	22 56	18 39	10 28	0 53
M13	19 57	11 22	3 21	21 6	2 12	21 31	0 59	9 2	3 46	21 45	0 24	22 33	0 54	22 54	0 6	7 9	1 8	24 55	3 38	23 4	22 56	18 37	10 28	0 53
T 14	19 43	16 2	2 22	21 15	2 1	21 17	1 1	9 5	3 48	21 45	0 24	22 34	0 54	22 53	0 6	7 9	1 8	24 55	3 39	23 4	22 56	18 35	10 29	0 53
W15	19 29	19 52	1 18	21 23	1 50	21 2	1 2	9 9	3 50	21 45	0 24	22 34	0 54	22 53	0 6	7 10	1 8	24 56	3 39	23 4	22 55	18 33	10 29	0 53
T 16	19 15	22 42	0 11	21 31	1 40	20 47	1 4	9 12	3 51	21 45	0 24	22 34	0 53	22 53	0 6	7 10	1 8	24 56	3 39	23 4	22 55	18 31	10 29	0 53
F 17	19 0	24 26	0s55	21 39	1 29	20 31	1 5	9 16	3 53	21 45	0 24	22 34	0 53	22 53	0 6	7 11	1 8	24 56	3 39	23 4	22 55	18 30	10 30	0 53
S 18	18 45	24 58	1 57	21 46	1 18	20 15	1 7	9 20	3 55	21 44	0 23	22 34	0 53	22 53	0 6	7 11	1 9	24 57	3 39	23 4	22 54	18 28	10 30	0 53
S 19	18 30	24 19	2 54	21 52	1 8	19 58	1 8	9 25	3 56	21 44	0 23	22 34	0 53	22 53	0 6	7 12	1 9	24 57	3 39	23 4	22 54	18 26	10 30	0 54
M20	18 14	22 34	3 43	21 57	0 57	19 40	1 10	9 30	3 58	21 44	0 23	22 34	0 53	22 53	0 6	7 12	1 9	24 57	3 39	23 3	22 54	18 24	10 31	0 54
T 21	17 58	19 50	4 21	22 1	0 47	19 22	1 11	9 35	4 0	21 44	0 23	22 34	0 53	22 52	0 6	7 13	1 9	24 57	3 39	23 2	22 54	18 22	10 31	0 54
W22	17 42	16 18	4 48	22 5	0 37	19 3	1 12	9 40	4 1	21 44	0 23	22 34	0 52	22 52	0 6	7 13	1 9	24 58	3 39	23 1	22 53	18 20	10 32	0 54
T 23	17 25	12 7	5 3	22 7	0 27	18 44	1 14	9 46	4 3	21 44	0 22	22 34	0 52	22 52	0 6	7 14	1 9	24 58	3 39	23 0	22 53	18 18	10 32	0 54
F 24	17 8	7 29	5 4	22 8	0 17	18 24	1 15	9 52	4 4	21 45	0 22	22 34	0 52	22 52	0 6	7 15	1 9	24 58	3 39	22 59	22 53	18 16	10 33	0 54
S 25	16 51	2 32	4 52	22 9	0 8	18 3	1 16	9 58	4 5	21 45	0 22	22 34	0 52	22 52	0 6	7 15	1 9	24 59	3 39	22 59	22 52	18 14	10 33	0 54
S 26	16 33	2n34	4 27	22 8	0s 1	17 43	1 17	10 4	4 7	21 45	0 22	22 34	0 52	22 52	0 6	7 16	1 9	24 59	3 39	22 58	22 52	18 12	10 34	0 54
M27	16 16	7 39	3 50	22 6	0 10	17 21	1 18	10 11	4 8	21 45	0 22	22 35	0 52	22 52	0 6	7 16	1 9	24 59	3 39	22 58	22 52	18 11	10 34	0 54
T 28	15 57	12 33	3 1	22 3	0 19	16 59	1 19	10 18	4 9	21 45	0 22	22 35	0 51	22 52	0 6	7 17	1 9	24 59	3 39	22 58	22 51	18 9	10 35	0 54
W29	15 39	17 2	2 1	21 59	0 27	16 37	1 20	10 25	4 10	21 45	0 21	22 35	0 51	22 52	0 6	7 17	1 9	25 0	3 39	22 58	22 51	18 7	10 35	0 54
T 30	15 20	20 49	0 53	21 54	0 35	16 14	1 21	10 32	4 12	21 46	0 21	22 35	0 51	22 52	0 6	7 18	1 9	25 0	3 39	22 58	22 51	18 5	10 36	0 54
F 31	15s 2	23n35	0n20	21s47	0s43	15s51	1s22	10n40	4n13	21n46	0s21	22n35	0s51	22n51	0n 6	7n19	1n 9	25n 0	3n39	22n58	22n50	18s 3	10n36	0s54

Julian Day Number = 2248478.5, Delta T = 06m40s
Ecliptic obliquity = 23°30'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'01, Lahiri = 16°06'01 Julian Calendar 1 Jan. 1444 == Greg. Calendar 10 Jan. 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

FEBRUARY 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 16 16	20♒28'36	5♋52	26♌59	22♒12	12°R30	10♊40	25°R18	15°R50	14°R 8	23°R49	17°R55	16♊36	24♒ 5	29♈52	S 1
S 2	9 20 12	21°29'06	20°32	28°20	23°27	12♍12	10°41	25♊16	15♊49	14♍ 7	23♋47	17♊51	16°33	24°12	29°54	S 2
M 3	9 24 9	22°29'34	5♌35	29°43	24°42	11°54	10°43	25°15	15°49	14° 5	23°46	17°45	16°30	24°18	29°56	M 3
T 4	9 28 6	23°30'00	20°53	1♒ 7	25°57	11°34	10°44	25°13	15°48	14° 4	23°45	17°36	16°26	24°25	29°58	T 4
W 5	9 32 2	24°30'25	6♍15	2°33	27°12	11°15	10°46	25°12	15°48	14° 2	23°44	17°26	16°23	24°32	0♉ 0	W 5
T 6	9 35 59	25°30'48	21°29	3°59	28°27	10°54	10°48	25°11	15°47	14° 1	23°43	17°16	16°20	24°38	0° 2	T 6
F 7	9 39 55	26°31'10	6♎24	5°27	29°42	10°33	10°50	25°10	15°47	13°59	23°42	17° 6	16°17	24°45	0° 5	F 7
S 8	9 43 52	27°31'30	20°54	6°55	0♓57	10°12	10°52	25° 9	15°47	13°58	23°41	16°59	16°14	24°52	0° 7	S 8
S 9	9 47 48	28°31'48	4♏54	8°25	2°12	9°50	10°55	25° 8	15°46	13°56	23°40	16°55	16°10	24°59	0° 9	S 9
M10	9 51 45	29°32'05	18°24	9°56	3°27	9°28	10°57	25° 7	15°46	13°54	23°39	16°52	16° 7	25° 5	0°12	M10
T 11	9 55 41	0♓32'21	1♐27	11°28	4°42	9° 6	11° 0	25° 6	15°46	13°53	23°37	16°D52	16° 4	25°12	0°14	T 11
W12	9 59 38	1°32'35	14° 7	13° 1	5°57	8°43	11° 3	25° 6	15°46	13°51	23°36	16°R52	16° 1	25°19	0°16	W12
T 13	10 3 35	2°32'48	26°28	14°35	7°12	8°20	11° 6	25° 5	15°46	13°50	23°35	16°52	15°58	25°25	0°19	T 13
F 14	10 7 31	3°32'59	8♑36	16°10	8°27	7°57	11°10	25° 5	15°D46	13°48	23°34	16°50	15°55	25°32	0°21	F 14
S 15	10 11 28	4°33'09	20°34	17°46	9°42	7°33	11°13	25° 5	15°46	13°46	23°33	16°45	15°51	25°39	0°24	S 15
S 16	10 15 24	5°33'17	2♒27	19°23	10°57	7° 9	11°17	25° 4	15°46	13°45	23°33	16°38	15°48	25°46	0°27	S 16
M17	10 19 21	6°33'23	14°18	21° 2	12°11	6°46	11°21	25°D 4	15°46	13°43	23°32	16°28	15°45	25°52	0°29	M17
T 18	10 23 17	7°33'27	26° 8	22°41	13°26	6°22	11°25	25° 5	15°46	13°41	23°31	16°15	15°42	25°59	0°32	T 18
W19	10 27 14	8°33'30	8♓ 1	24°21	14°41	5°58	11°29	25° 5	15°46	13°40	23°30	16° 0	15°39	26° 6	0°35	W19
T 20	10 31 10	9°33'30	19°56	26° 3	15°56	5°34	11°34	25° 5	15°47	13°38	23°29	15°46	15°36	26°12	0°38	T 20
F 21	10 35 7	10°33'29	1♈56	27°46	17°11	5°11	11°39	25° 5	15°47	13°36	23°28	15°32	15°32	26°19	0°41	F 21
S 22	10 39 4	11°33'25	14° 1	29°29	18°25	4°47	11°43	25° 6	15°47	13°35	23°27	15°19	15°29	26°26	0°44	S 22
S 23	10 43 0	12°33'19	26°14	1♓14	19°40	4°24	11°49	25° 7	15°48	13°33	23°26	15°10	15°26	26°33	0°47	S 23
M24	10 46 57	13°33'11	8♉37	3° 1	20°55	4° 1	11°54	25° 8	15°48	13°31	23°26	15° 4	15°23	26°39	0°50	M24
T 25	10 50 53	14°33'02	21°11	4°48	22°10	3°38	11°59	25° 8	15°49	13°30	23°25	15° 0	15°20	26°46	0°53	T 25
W26	10 54 50	15°32'49	4♊ 2	6°36	23°24	3°16	12° 5	25° 9	15°50	13°28	23°24	14°59	15°16	26°53	0°56	W26
T 27	10 58 46	16°32'35	17°13	8°26	24°39	2°54	12°10	25°11	15°50	13°26	23°23	14°59	15°13	26°59	0°59	T 27
F 28	11 2 43	17°32'18	0♋47	10°17	25°54	2°32	12°16	25°12	15°51	13°25	23°23	14°58	15°10	27° 6	1° 2	F 28
S 29	11 6 39	18♓31'59	14♋46	12♓ 9	27♓ 8	2♍11	12♊22	25♊13	15♊52	13♍23	23♋22	14♊57	15♊ 7	27♒13	1♉ 5	S 29

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	14 s42	24n57	1n34	21 s39	0 s50	15 s27	1 s22	10n47	4n14	21n46	0 s21	22n35	0 s51	22n51	0n 6	7n19	1n 9	25n 0	3n39	22n58	22n50	18 s 1	10n37	0 s54
S 2	14 23	24 39	2 44	21 30	0 58	15 3	1 23	10 55	4 14	21 47	0 21	22 35	0 50	22 51	0 6	7 20	1 9	25 1	3 39	22 57	22 50	17 59	10 38	0 54
M 3	14 3	22 34	3 45	21 19	1 4	14 39	1 24	11 3	4 15	21 47	0 20	22 35	0 50	22 51	0 6	7 20	1 9	25 1	3 39	22 57	22 49	17 57	10 38	0 54
T 4	13 44	18 51	4 31	21 8	1 11	14 14	1 24	11 11	4 16	21 47	0 20	22 36	0 50	22 51	0 6	7 21	1 9	25 1	3 39	22 56	22 49	17 55	10 39	0 54
W 5	13 24	13 50	4 57	20 54	1 17	13 49	1 25	11 19	4 17	21 48	0 20	22 36	0 50	22 51	0 6	7 22	1 9	25 1	3 39	22 55	22 49	17 53	10 40	0 54
T 6	13 3	8 0	5 2	20 40	1 23	13 23	1 25	11 28	4 17	21 48	0 20	22 36	0 50	22 51	0 6	7 22	1 9	25 1	3 39	22 54	22 48	17 51	10 41	0 54
F 7	12 43	1 49	4 46	20 24	1 29	12 57	1 26	11 36	4 18	21 49	0 20	22 36	0 49	22 51	0 6	7 23	1 9	25 2	3 39	22 53	22 48	17 49	10 41	0 54
S 8	12 22	4 s18	4 12	20 7	1 34	12 30	1 26	11 44	4 18	21 49	0 19	22 36	0 49	22 51	0 6	7 23	1 9	25 2	3 39	22 52	22 48	17 47	10 42	0 54
S 9	12 1	10 0	3 23	19 49	1 39	12 4	1 26	11 53	4 18	21 50	0 19	22 36	0 49	22 51	0 6	7 24	1 9	25 2	3 39	22 52	22 48	17 45	10 43	0 54
M10	11 40	15 2	2 25	19 29	1 44	11 37	1 26	12 2	4 18	21 50	0 19	22 36	0 49	22 51	0 6	7 25	1 9	25 2	3 39	22 52	22 47	17 43	10 44	0 54
T 11	11 19	19 12	1 21	19 8	1 48	11 9	1 26	12 10	4 18	21 51	0 19	22 37	0 49	22 51	0 6	7 25	1 9	25 2	3 39	22 52	22 47	17 41	10 44	0 54
W12	10 57	22 19	0 15	18 45	1 52	10 42	1 26	12 19	4 18	21 52	0 19	22 37	0 49	22 51	0 6	7 26	1 9	25 3	3 40	22 52	22 47	17 39	10 45	0 54
T 13	10 36	24 19	0 s51	18 21	1 56	10 14	1 26	12 27	4 18	21 52	0 18	22 37	0 48	22 51	0 6	7 27	1 9	25 3	3 40	22 52	22 46	17 37	10 46	0 54
F 14	10 14	25 6	1 52	17 56	1 59	9 46	1 26	12 36	4 18	21 53	0 18	22 37	0 48	22 51	0 6	7 27	1 9	25 3	3 40	22 52	22 46	17 35	10 47	0 54
S 15	9 52	24 42	2 48	17 29	2 2	9 17	1 26	12 45	4 18	21 54	0 18	22 37	0 48	22 51	0 6	7 28	1 9	25 3	3 40	22 51	22 46	17 33	10 48	0 54
S 16	9 30	23 11	3 36	17 1	2 4	8 49	1 26	12 53	4 17	21 54	0 18	22 37	0 48	22 51	0 6	7 29	1 9	25 3	3 40	22 50	22 45	17 31	10 49	0 55
M17	9 8	20 39	4 14	16 31	2 6	8 20	1 26	13 1	4 17	21 55	0 18	22 38	0 48	22 51	0 6	7 29	1 9	25 4	3 40	22 49	22 45	17 29	10 50	0 55
T 18	8 46	17 15	4 41	16 1	2 8	7 51	1 25	13 10	4 16	21 56	0 18	22 38	0 47	22 51	0 6	7 30	1 9	25 4	3 40	22 48	22 45	17 27	10 51	0 55
W19	8 23	13 10	4 56	15 28	2 9	7 21	1 25	13 18	4 15	21 56	0 17	22 38	0 47	22 51	0 6	7 31	1 9	25 4	3 40	22 46	22 44	17 25	10 52	0 55
T 20	8 1	8 34	4 59	14 55	2 10	6 52	1 24	13 26	4 14	21 57	0 17	22 38	0 47	22 51	0 6	7 31	1 9	25 4	3 40	22 45	22 44	17 23	10 52	0 55
F 21	7 38	3 37	4 47	14 19	2 10	6 22	1 24	13 34	4 13	21 58	0 17	22 38	0 47	22 51	0 6	7 32	1 9	25 4	3 40	22 43	22 43	17 21	10 53	0 55
S 22	7 15	1n30	4 23	13 43	2 10	5 52	1 23	13 42	4 12	21 59	0 17	22 39	0 47	22 51	0 6	7 32	1 9	25 4	3 40	22 42	22 43	17 19	10 54	0 55
S 23	6 52	6 38	3 47	13 5	2 10	5 22	1 23	13 49	4 11	22 0	0 17	22 39	0 47	22 51	0 6	7 33	1 9	25 4	3 40	22 41	22 43	17 17	10 55	0 55
M24	6 29	11 35	2 59	12 26	2 9	4 52	1 22	13 56	4 10	22 1	0 17	22 39	0 46	22 51	0 6	7 34	1 9	25 5	3 40	22 40	22 42	17 15	10 56	0 55
T 25	6 6	16 9	2 2	11 45	2 7	4 22	1 21	14 4	4 9	22 1	0 16	22 39	0 46	22 51	0 6	7 34	1 9	25 5	3 40	22 40	22 42	17 12	10 57	0 55
W26	5 43	20 5	0 57	11 3	2 5	3 51	1 20	14 11	4 7	22 2	0 16	22 39	0 46	22 51	0 6	7 35	1 9	25 5	3 40	22 40	22 42	17 10	10 58	0 55
T 27	5 20	23 6	0n12	10 20	2 3	3 21	1 19	14 17	4 6	22 3	0 16	22 40	0 46	22 51	0 6	7 36	1 9	25 5	3 40	22 40	22 41	17 8	11 0	0 55
F 28	4 56	24 53	1 22	9 35	2 0	2 50	1 18	14 24	4 4	22 4	0 16	22 40	0 46	22 52	0 6	7 36	1 9	25 5	3 40	22 40	22 41	17 6	11 1	0 55
S 29	4 s33	25n11	2n30	8 s49	1 s56	2 s19	1 s17	14n30	4n 2	22n 5	0 s16	22n40	0 s45	22n52	0n 6	7n37	1n 9	25n 5	3n39	22n40	22n41	17 s 4	11n 2	0 s55

Julian Day Number = 2248509.5, Delta T = 06m40s
Ecliptic obliquity = 23°30'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'05, Lahiri = 16°06'06 Julian Calendar 1 Feb. 1444 == Greg. Calendar 10 Feb. 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

MARCH 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 10 36	19♓31'38	29♋11	14♓ 2	28♓23	1°R50	12♊28	25♊15	15♊53	13°R21	23°R21	14°R53	15♊ 4	27♒20	1♉ 8	S 1
M 2	11 14 33	20°31'14	14♌ 0	15°57	29°38	1♍30	12°35	25°16	15°53	13♍20	23♋21	14♊46	15° 1	27°26	1°12	M 2
T 3	11 18 29	21°30'48	29° 6	17°52	0♈52	1°10	12°41	25°18	15°54	13°18	23°20	14°37	14°57	27°33	1°15	T 3
W 4	11 22 26	22°30'20	14♍20	19°49	2° 7	0°51	12°48	25°20	15°55	13°17	23°19	14°26	14°54	27°40	1°18	W 4
T 5	11 26 22	23°29'50	29°33	21°47	3°21	0°32	12°55	25°21	15°56	13°15	23°19	14°15	14°51	27°46	1°22	T 5
F 6	11 30 19	24°29'18	14♎31	23°45	4°36	0°14	13° 1	25°23	15°57	13°13	23°18	14° 4	14°48	27°53	1°25	F 6
S 7	11 34 15	25°28'43	29° 8	25°45	5°50	29♌57	13° 9	25°26	15°59	13°12	23°18	13°56	14°45	28° 0	1°29	S 7
S 8	11 38 12	26°28'07	13♏17	27°46	7° 4	29°40	13°16	25°28	16° 0	13°10	23°17	13°50	14°41	28° 7	1°32	S 8
M 9	11 42 8	27°27'29	26°56	29°47	8°19	29°24	13°23	25°30	16° 1	13° 8	23°17	13°47	14°38	28°13	1°36	M 9
T 10	11 46 5	28°26'50	10♐ 6	1♈49	9°33	29° 9	13°31	25°32	16° 2	13° 7	23°16	13°D46	14°35	28°20	1°39	T 10
W11	11 50 1	29°26'08	22°50	3°52	10°48	28°54	13°38	25°35	16° 4	13° 5	23°16	13°46	14°32	28°27	1°43	W11
T 12	11 53 58	0♈25'25	5♑14	5°55	12° 2	28°40	13°46	25°38	16° 5	13° 4	23°15	13°R46	14°29	28°34	1°46	T 12
F 13	11 57 55	1°24'40	17°22	7°57	13°16	28°27	13°54	25°40	16° 6	13° 2	23°15	13°45	14°26	28°40	1°50	F 13
S 14	12 1 51	2°23'53	29°20	10° 0	14°31	28°15	14° 2	25°43	16° 8	13° 1	23°15	13°42	14°22	28°47	1°53	S 14
S 15	12 5 48	3°23'05	11♒11	12° 2	15°45	28° 3	14°10	25°46	16° 9	12°59	23°14	13°36	14°19	28°54	1°57	S 15
M16	12 9 44	4°22'14	23° 1	14° 3	16°59	27°52	14°19	25°49	16°11	12°57	23°14	13°28	14°16	29° 0	2° 1	M16
T 17	12 13 41	5°21'22	4♓52	16° 3	18°13	27°42	14°27	25°52	16°13	12°56	23°14	13°17	14°13	29° 7	2° 5	T 17
W18	12 17 37	6°20'27	16°48	18° 2	19°28	27°33	14°36	25°55	16°14	12°54	23°13	13° 5	14°10	29°14	2° 8	W18
T 19	12 21 34	7°19'31	28°49	19°58	20°42	27°24	14°44	25°59	16°16	12°53	23°13	12°52	14° 7	29°21	2°12	T 19
F 20	12 25 30	8°18'32	10♈58	21°53	21°56	27°16	14°53	26° 2	16°18	12°51	23°13	12°40	14° 3	29°27	2°16	F 20
S 21	12 29 27	9°17'32	23°15	23°44	23°10	27°10	15° 2	26° 6	16°20	12°50	23°13	12°29	14° 0	29°34	2°20	S 21
S 22	12 33 24	10°16'29	5♉41	25°33	24°24	27° 3	15°11	26° 9	16°21	12°49	23°13	12°21	13°57	29°41	2°23	S 22
M23	12 37 20	11°15'25	18°17	27°18	25°38	26°58	15°20	26°13	16°23	12°47	23°13	12°16	13°54	29°47	2°27	M23
T 24	12 41 17	12°14'18	1♊ 4	29° 0	26°52	26°53	15°30	26°17	16°25	12°46	23°12	12°13	13°51	29°54	2°31	T 24
W25	12 45 13	13°13'09	14° 5	0♉38	28° 6	26°50	15°39	26°21	16°27	12°44	23°12	12°D13	13°47	0♓ 1	2°35	W25
T 26	12 49 10	14°11'57	27°20	2°11	29°20	26°47	15°48	26°25	16°29	12°43	23°12	12°13	13°44	0° 8	2°39	T 26
F 27	12 53 6	15°10'44	10♋53	3°40	0♉34	26°44	15°58	26°29	16°31	12°42	23°D12	12°R14	13°41	0°14	2°43	F 27
S 28	12 57 3	16° 9'28	24°46	5° 4	1°48	26°43	16° 8	26°33	16°34	12°40	23°12	12°14	13°38	0°21	2°47	S 28
S 29	13 0 59	17° 8'10	8♌57	6°23	3° 2	26°D42	16°18	26°37	16°36	12°39	23°12	12°12	13°35	0°28	2°51	S 29
M30	13 4 56	18° 6'49	23°27	7°37	4°16	26°42	16°28	26°41	16°38	12°38	23°12	12° 8	13°32	0°34	2°55	M30
T 31	13 8 53	19♈ 5'27	8♍12	8♉46	5♉30	26♌43	16♊38	26♊46	16♊40	12♍36	23♋12	12♊ 2	13♊28	0♓41	2♉59	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	4s 9	23n49	3n31	8s 2	1s52	1s49	1s16	14n36	4n 1	22n 6	0s16	22n40	0s45	22n52	0n 6	7n38	1n 9	25n 5	3n39	22n39	22n40	17s 2	11n 3	0s55
M 2	3 46	20 48	4 19	7 13	1 48	1 18	1 15	14 41	3 59	22 7	0 15	22 41	0 45	22 52	0 6	7 38	1 9	25 5	3 39	22 38	22 40	17 0	11 4	0 55
T 3	3 23	16 20	4 49	6 23	1 43	0 47	1 14	14 47	3 57	22 8	0 15	22 41	0 45	22 52	0 6	7 39	1 9	25 6	3 39	22 37	22 40	16 58	11 5	0 55
W 4	2 59	10 48	5 0	5 32	1 37	0 16	1 13	14 52	3 55	22 9	0 15	22 41	0 45	22 52	0 6	7 40	1 9	25 6	3 39	22 36	22 39	16 56	11 6	0 55
T 5	2 35	4 37	4 50	4 40	1 31	0n15	1 11	14 57	3 53	22 10	0 15	22 41	0 45	22 52	0 6	7 40	1 9	25 6	3 39	22 35	22 39	16 54	11 7	0 55
F 6	2 12	1s45	4 19	3 47	1 25	0 46	1 10	15 1	3 51	22 11	0 15	22 42	0 44	22 52	0 6	7 41	1 9	25 6	3 39	22 34	22 39	16 51	11 8	0 55
S 7	1 48	7 53	3 33	2 53	1 17	1 17	1 9	15 5	3 49	22 12	0 15	22 42	0 44	22 52	0 6	7 41	1 9	25 6	3 39	22 33	22 38	16 49	11 9	0 55
S 8	1 24	13 26	2 34	1 57	1 10	1 47	1 7	15 9	3 46	22 13	0 14	22 42	0 44	22 53	0 6	7 42	1 9	25 6	3 39	22 32	22 38	16 47	11 11	0 55
M 9	1 1	18 6	1 28	1 1	1 1	2 18	1 6	15 13	3 44	22 14	0 14	22 42	0 44	22 53	0 6	7 43	1 9	25 6	3 39	22 31	22 37	16 45	11 12	0 56
T 10	0 37	21 43	0 19	0 5	0 53	2 49	1 4	15 16	3 42	22 15	0 14	22 43	0 44	22 53	0 6	7 43	1 9	25 6	3 39	22 31	22 37	16 43	11 13	0 56
W11	0 14	24 7	0s48	0n53	0 43	3 20	1 2	15 19	3 39	22 17	0 14	22 43	0 43	22 53	0 6	7 44	1 9	25 6	3 39	22 31	22 37	16 41	11 14	0 56
T 12	0n10	25 16	1 51	1 50	0 34	3 51	1 1	15 22	3 37	22 18	0 14	22 43	0 43	22 53	0 6	7 45	1 9	25 6	3 39	22 31	22 36	16 39	11 15	0 56
F 13	0 34	25 9	2 48	2 48	0 23	4 21	0 59	15 24	3 35	22 19	0 14	22 43	0 43	22 53	0 6	7 45	1 9	25 6	3 39	22 31	22 36	16 37	11 16	0 56
S 14	0 57	23 53	3 37	3 46	0 13	4 52	0 57	15 26	3 32	22 20	0 14	22 44	0 43	22 53	0 6	7 46	1 9	25 6	3 39	22 31	22 36	16 34	11 18	0 56
S 15	1 21	21 34	4 15	4 44	0 2	5 22	0 55	15 28	3 30	22 21	0 13	22 44	0 43	22 54	0 6	7 46	1 9	25 6	3 39	22 30	22 35	16 32	11 19	0 56
M16	1 45	18 20	4 43	5 42	0n 9	5 52	0 53	15 29	3 27	22 22	0 13	22 44	0 43	22 54	0 6	7 47	1 9	25 6	3 39	22 29	22 35	16 30	11 20	0 56
T 17	2 8	14 23	4 58	6 39	0 21	6 22	0 51	15 30	3 25	22 23	0 13	22 44	0 42	22 54	0 6	7 48	1 9	25 6	3 39	22 28	22 35	16 28	11 21	0 56
W18	2 32	9 51	5 1	7 35	0 32	6 53	0 49	15 31	3 22	22 24	0 13	22 45	0 42	22 54	0 6	7 48	1 9	25 6	3 39	22 26	22 34	16 26	11 23	0 56
T 19	2 55	4 54	4 50	8 30	0 44	7 22	0 47	15 32	3 20	22 25	0 13	22 45	0 42	22 54	0 6	7 49	1 9	25 6	3 39	22 25	22 34	16 23	11 24	0 56
F 20	3 18	0n16	4 26	9 24	0 55	7 52	0 45	15 32	3 17	22 27	0 13	22 45	0 42	22 54	0 6	7 49	1 9	25 6	3 39	22 23	22 33	16 21	11 25	0 56
S 21	3 42	5 30	3 50	10 17	1 7	8 22	0 43	15 32	3 14	22 28	0 13	22 46	0 42	22 55	0 6	7 50	1 9	25 6	3 39	22 22	22 33	16 19	11 26	0 56
S 22	4 5	10 36	3 2	11 7	1 18	8 51	0 41	15 32	3 12	22 29	0 12	22 46	0 42	22 55	0 6	7 50	1 9	25 6	3 39	22 21	22 33	16 17	11 28	0 56
M23	4 28	15 20	2 4	11 56	1 29	9 20	0 39	15 31	3 9	22 30	0 12	22 46	0 41	22 55	0 6	7 51	1 9	25 6	3 39	22 20	22 32	16 15	11 29	0 56
T 24	4 51	19 28	0 59	12 43	1 40	9 49	0 37	15 30	3 7	22 31	0 12	22 46	0 41	22 55	0 6	7 51	1 9	25 6	3 39	22 20	22 32	16 13	11 30	0 56
W25	5 14	22 43	0n10	13 27	1 50	10 18	0 34	15 29	3 4	22 32	0 12	22 47	0 41	22 55	0 6	7 52	1 9	25 6	3 39	22 20	22 32	16 10	11 31	0 56
T 26	5 37	24 49	1 20	14 9	2 0	10 46	0 32	15 28	3 2	22 33	0 12	22 47	0 41	22 56	0 6	7 52	1 9	25 6	3 39	22 20	22 32	16 8	11 33	0 57
F 27	6 0	25 31	2 27	14 48	2 9	11 14	0 30	15 26	2 59	22 35	0 12	22 47	0 41	22 56	0 6	7 53	1 9	25 6	3 39	22 20	22 31	16 6	11 34	0 57
S 28	6 22	24 38	3 27	15 25	2 18	11 42	0 28	15 24	2 56	22 36	0 12	22 47	0 41	22 56	0 6	7 53	1 9	25 6	3 39	22 20	22 30	16 4	11 35	0 57
S 29	6 45	22 11	4 16	15 59	2 26	12 10	0 25	15 22	2 54	22 37	0 11	22 48	0 40	22 56	0 6	7 54	1 9	25 6	3 39	22 19	22 30	16 1	11 37	0 57
M30	7 8	18 18	4 50	16 30	2 33	12 37	0 23	15 20	2 51	22 38	0 11	22 48	0 40	22 57	0 6	7 54	1 9	25 6	3 39	22 19	22 30	15 59	11 38	0 57
T 31	7n30	13n14	5n 5	16n59	2n39	13n 4	0s20	15n17	2n49	22n39	0s11	22n48	0s40	22n57	0n 6	7n55	1n 9	25n 6	3n39	22n18	22n29	15s57	11n39	0s57

Julian Day Number = 2248538.5, Delta T = 06m40s
Ecliptic obliquity = 23°30'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'09, Lahiri = 16°06'10 Julian Calendar 1 March 1444 == Greg. Calendar 10 March 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

APRIL 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 12 49	20♈ 4'01	23♍ 5	9♉50	6♉43	26♌45	16♊48	26♊50	16♊42	12°R35	23♋13	11°R54	13♊25	0♓48	3♉ 3	W 1
T 2	13 16 46	21° 2'34	7♎57	10°48	7°57	26°47	16°58	26°55	16°45	12♍34	23°13	11♊46	13°22	0°55	3° 7	T 2
F 3	13 20 42	22° 1'05	22°42	11°40	9°11	26°50	17° 8	27° 0	16°47	12°33	23°13	11°39	13°19	1° 1	3°11	F 3
S 4	13 24 39	22°59'34	7♏ 9	12°27	10°25	26°53	17°19	27° 4	16°49	12°31	23°13	11°33	13°16	1° 8	3°15	S 4
S 5	13 28 35	23°58'01	21°14	13° 8	11°38	26°58	17°29	27° 9	16°52	12°30	23°13	11°29	13°13	1°15	3°19	S 5
M 6	13 32 32	24°56'27	4♐54	13°43	12°52	27° 3	17°40	27°14	16°54	12°29	23°13	11°27	13° 9	1°21	3°23	M 6
T 7	13 36 28	25°54'51	18° 8	14°12	14° 6	27° 8	17°51	27°19	16°57	12°28	23°14	11°D27	13° 6	1°28	3°27	T 7
W 8	13 40 25	26°53'13	0♑57	14°36	15°19	27°15	18° 2	27°24	16°59	12°27	23°14	11°28	13° 3	1°35	3°31	W 8
T 9	13 44 22	27°51'34	13°25	14°54	16°33	27°22	18°12	27°29	17° 2	12°26	23°14	11°30	13° 0	1°42	3°35	T 9
F 10	13 48 18	28°49'53	25°37	15° 6	17°46	27°29	18°23	27°35	17° 5	12°25	23°15	11°R31	12°57	1°48	3°39	F 10
S 11	13 52 15	29°48'10	7♒37	15°12	19° 0	27°37	18°35	27°40	17° 7	12°24	23°15	11°30	12°53	1°55	3°43	S 11
S 12	13 56 11	0♉46'26	19°31	15°R13	20°13	27°46	18°46	27°45	17°10	12°23	23°15	11°28	12°50	2° 2	3°47	S 12
M13	14 0 8	1°44'40	1♓22	15° 9	21°27	27°56	18°57	27°51	17°13	12°22	23°16	11°25	12°47	2° 9	3°51	M13
T 14	14 4 4	2°42'53	13°16	14°59	22°40	28° 6	19° 8	27°56	17°15	12°21	23°16	11°20	12°44	2°15	3°55	T 14
W15	14 8 1	3°41'04	25°15	14°45	23°54	28°16	19°20	28° 2	17°18	12°20	23°17	11°13	12°41	2°22	3°59	W15
T 16	14 11 57	4°39'14	7♈23	14°26	25° 7	28°27	19°31	28° 7	17°21	12°19	23°17	11° 7	12°38	2°29	4° 4	T 16
F 17	14 15 54	5°37'22	19°42	14° 3	26°20	28°39	19°43	28°13	17°24	12°18	23°18	11° 0	12°34	2°35	4° 8	F 17
S 18	14 19 51	6°35'28	2♉12	13°36	27°34	28°52	19°54	28°19	17°27	12°17	23°18	10°55	12°31	2°42	4°12	S 18
S 19	14 23 47	7°33'33	14°54	13° 6	28°47	29° 4	20° 6	28°25	17°30	12°17	23°19	10°51	12°28	2°49	4°16	S 19
M20	14 27 44	8°31'36	27°49	12°34	0♊ 0	29°18	20°18	28°31	17°33	12°16	23°19	10°49	12°25	2°56	4°20	M20
T 21	14 31 40	9°29'37	10♊57	12° 0	1°13	29°32	20°30	28°37	17°36	12°15	23°20	10°D48	12°22	3° 2	4°24	T 21
W22	14 35 37	10°27'37	24°17	11°24	2°27	29°46	20°41	28°43	17°39	12°14	23°21	10°48	12°18	3° 9	4°28	W22
T 23	14 39 33	11°25'35	7♋49	10°48	3°40	0♍ 1	20°53	28°49	17°42	12°14	23°21	10°50	12°15	3°16	4°32	T 23
F 24	14 43 30	12°23'31	21°34	10°11	4°53	0°16	21° 5	28°55	17°45	12°13	23°22	10°51	12°12	3°22	4°36	F 24
S 25	14 47 26	13°21'25	5♌30	9°35	6° 6	0°32	21°18	29° 1	17°48	12°12	23°23	10°52	12° 9	3°29	4°40	S 25
S 26	14 51 23	14°19'18	19°38	9° 1	7°19	0°49	21°30	29° 8	17°51	12°12	23°23	10°R52	12° 6	3°36	4°44	S 26
M27	14 55 20	15°17'08	3♍56	8°28	8°32	1° 5	21°42	29°14	17°54	12°11	23°24	10°51	12° 3	3°43	4°48	M27
T 28	14 59 16	16°14'57	18°20	7°57	9°45	1°23	21°54	29°20	17°57	12°11	23°25	10°49	11°59	3°49	4°52	T 28
W29	15 3 13	17°12'44	2♎47	7°29	10°58	1°40	22° 6	29°27	18° 0	12°10	23°26	10°46	11°56	3°56	4°56	W29
T 30	15 7 9	18♉10'29	17♎12	7♉ 4	12♊11	1♍59	22♊19	29♊33	18♊ 4	12♍10	23♋27	10♊43	11♊53	4♓ 3	5♉ 0	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	7n52	7n21	5n 0	17n24	2n44	13n31	0s18	15n14	2n46	22n40	0s11	22n48	0s40	22n57	0n 6	7n55	1n 9	25n 6	3n39	22n17	22n29	15s55	11n40	0s57
T 2	8 14	1 3	4 35	17 47	2 49	13 58	0 15	15 11	2 44	22 42	0 11	22 49	0 40	22 57	0 6	7 56	1 9	25 6	3 39	22 16	22 28	15 52	11 42	0 57
F 3	8 36	5s16	3 51	18 6	2 52	14 24	0 13	15 8	2 41	22 43	0 11	22 49	0 40	22 57	0 6	7 56	1 9	25 6	3 39	22 15	22 28	15 50	11 43	0 57
S 4	8 58	11 12	2 54	18 23	2 54	14 49	0 10	15 4	2 39	22 44	0 11	22 49	0 40	22 58	0 6	7 57	1 9	25 6	3 39	22 14	22 28	15 48	11 44	0 57
S 5	9 20	16 24	1 47	18 37	2 55	15 15	0 8	15 0	2 36	22 45	0 10	22 50	0 39	22 58	0 6	7 57	1 9	25 6	3 39	22 14	22 27	15 46	11 46	0 57
M 6	9 41	20 36	0 35	18 47	2 55	15 40	0 5	14 56	2 34	22 46	0 10	22 50	0 39	22 58	0 6	7 58	1 9	25 6	3 39	22 13	22 27	15 43	11 47	0 57
T 7	10 2	23 35	0s36	18 55	2 54	16 4	0 3	14 52	2 31	22 47	0 10	22 50	0 39	22 58	0 6	7 58	1 9	25 6	3 39	22 13	22 26	15 41	11 48	0 57
W 8	10 24	25 14	1 43	19 0	2 52	16 29	0 0	14 48	2 29	22 48	0 10	22 50	0 39	22 59	0 6	7 58	1 9	25 6	3 39	22 14	22 26	15 39	11 50	0 57
T 9	10 45	25 33	2 44	19 2	2 48	16 52	0n 2	14 43	2 26	22 49	0 10	22 51	0 39	22 59	0 6	7 59	1 9	25 6	3 39	22 14	22 26	15 37	11 51	0 58
F 10	11 6	24 37	3 36	19 1	2 43	17 16	0 5	14 38	2 24	22 50	0 10	22 51	0 39	22 59	0 6	7 59	1 9	25 6	3 39	22 14	22 25	15 34	11 52	0 58
S 11	11 26	22 34	4 17	18 57	2 37	17 39	0 8	14 33	2 22	22 51	0 10	22 51	0 38	22 59	0 6	8 0	1 9	25 5	3 39	22 14	22 25	15 32	11 53	0 58
S 12	11 47	19 33	4 47	18 50	2 29	18 1	0 10	14 28	2 19	22 53	0 10	22 51	0 38	23 0	0 6	8 0	1 9	25 5	3 39	22 14	22 24	15 30	11 55	0 58
M13	12 7	15 46	5 5	18 40	2 21	18 23	0 13	14 22	2 17	22 54	0 9	22 52	0 38	23 0	0 6	8 0	1 9	25 5	3 39	22 13	22 24	15 27	11 56	0 58
T 14	12 27	11 21	5 9	18 28	2 11	18 45	0 15	14 17	2 15	22 55	0 9	22 52	0 38	23 0	0 6	8 1	1 9	25 5	3 38	22 12	22 24	15 25	11 57	0 58
W15	12 47	6 29	5 1	18 13	2 0	19 6	0 18	14 11	2 13	22 56	0 9	22 52	0 38	23 1	0 6	8 1	1 9	25 5	3 38	22 12	22 23	15 23	11 59	0 58
T 16	13 7	1 19	4 38	17 55	1 47	19 26	0 21	14 5	2 10	22 57	0 9	22 52	0 38	23 1	0 6	8 1	1 9	25 5	3 38	22 11	22 23	15 21	12 0	0 58
F 17	13 26	3n59	4 2	17 36	1 34	19 46	0 23	13 59	2 8	22 58	0 9	22 52	0 38	23 1	0 6	8 2	1 9	25 5	3 38	22 10	22 22	15 18	12 1	0 58
S 18	13 45	9 14	3 15	17 14	1 19	20 6	0 26	13 52	2 6	22 59	0 9	22 53	0 37	23 1	0 6	8 2	1 9	25 5	3 38	22 9	22 22	15 16	12 3	0 58
S 19	14 4	14 11	2 17	16 50	1 4	20 25	0 28	13 46	2 4	23 0	0 9	22 53	0 37	23 2	0 6	8 2	1 9	25 5	3 38	22 8	22 22	15 14	12 4	0 58
M20	14 23	18 36	1 10	16 25	0 48	20 43	0 31	13 39	2 1	23 1	0 9	22 53	0 37	23 2	0 6	8 2	1 9	25 5	3 38	22 8	22 21	15 11	12 5	0 58
T 21	14 42	22 10	0n 1	15 59	0 32	21 1	0 34	13 32	1 59	23 2	0 9	22 53	0 37	23 2	0 6	8 3	1 9	25 4	3 38	22 8	22 21	15 9	12 6	0 59
W22	15 0	24 36	1 13	15 32	0 15	21 18	0 36	13 25	1 57	23 3	0 8	22 53	0 37	23 3	0 6	8 3	1 9	25 4	3 38	22 8	22 20	15 7	12 8	0 59
T 23	15 18	25 39	2 23	15 4	0s 3	21 35	0 39	13 18	1 55	23 4	0 8	22 54	0 37	23 3	0 6	8 3	1 9	25 4	3 38	22 8	22 20	15 4	12 9	0 59
F 24	15 36	25 9	3 25	14 36	0 20	21 51	0 41	13 10	1 53	23 5	0 8	22 54	0 37	23 3	0 6	8 3	1 9	25 4	3 38	22 8	22 19	15 2	12 10	0 59
S 25	15 54	23 5	4 16	14 8	0 38	22 7	0 44	13 3	1 51	23 5	0 8	22 54	0 37	23 3	0 6	8 4	1 9	25 4	3 38	22 9	22 19	15 0	12 12	0 59
S 26	16 11	19 36	4 52	13 41	0 55	22 22	0 46	12 55	1 49	23 6	0 8	22 54	0 36	23 4	0 6	8 4	1 9	25 4	3 38	22 9	22 19	14 57	12 13	0 59
M27	16 28	14 55	5 11	13 14	1 11	22 36	0 49	12 47	1 47	23 7	0 8	22 54	0 36	23 4	0 6	8 4	1 9	25 4	3 38	22 8	22 18	14 55	12 14	0 59
T 28	16 45	9 23	5 11	12 49	1 28	22 49	0 51	12 39	1 45	23 8	0 8	22 55	0 36	23 4	0 6	8 4	1 9	25 3	3 38	22 8	22 18	14 52	12 15	0 59
W29	17 1	3 20	4 51	12 25	1 43	23 3	0 54	12 31	1 43	23 9	0 8	22 55	0 36	23 5	0 6	8 4	1 9	25 3	3 38	22 8	22 17	14 50	12 17	0 59
T 30	17n18	2s53	4n13	12n 3	1s58	23n15	0n56	12n23	1n41	23n10	0s 7	22n55	0s36	23n 5	0n 6	8n 5	1n 9	25n 3	3n38	22n 7	22n17	14s48	12n18	0s59

Julian Day Number = 2248569.5, Delta T = 06m40s
Ecliptic obliquity = 23°30'45, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'13, Lahiri = 16°06'14 Julian Calendar 1 Apr. 1444 == Greg. Calendar 10 Apr. 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

MAY 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 11 6	19♉ 8'12	1♏30	6°R43	13♊24	2♍17	22♊31	29♊40	18♊ 7	12°R 9	23♋27	10°R40	11♊50	4♓10	5♉ 4	F 1
S 2	15 15 2	20° 5'55	15°35	6♉26	14°36	2°36	22°44	29°46	18°10	12♍ 9	23°28	10♊38	11°47	4°16	5° 8	S 2
S 3	15 18 59	21° 3'36	29°24	6°13	15°49	2°55	22°56	29°53	18°13	12° 8	23°29	10°37	11°44	4°23	5°12	S 3
M 4	15 22 55	22° 1'15	12♐53	6° 4	17° 2	3°15	23° 9	29°59	18°17	12° 8	23°30	10°D37	11°40	4°30	5°16	M 4
T 5	15 26 52	22°58'54	26° 1	5°59	18°15	3°35	23°22	0♋ 7	18°20	12° 8	23°31	10°37	11°37	4°36	5°20	T 5
W 6	15 30 49	23°56'31	8♑49	5°D59	19°27	3°56	23°34	0°13	18°23	12° 8	23°32	10°38	11°34	4°43	5°24	W 6
T 7	15 34 45	24°54'08	21°18	6° 4	20°40	4°17	23°47	0°20	18°26	12° 7	23°33	10°40	11°31	4°50	5°28	T 7
F 8	15 38 42	25°51'43	3♒32	6°13	21°53	4°38	24° 0	0°27	18°30	12° 7	23°34	10°41	11°28	4°57	5°32	F 8
S 9	15 42 38	26°49'17	15°35	6°26	23° 5	5° 0	24°13	0°34	18°33	12° 7	23°35	10°42	11°24	5° 3	5°36	S 9
S 10	15 46 35	27°46'50	27°30	6°44	24°18	5°22	24°25	0°41	18°37	12° 7	23°36	10°R42	11°21	5°10	5°40	S 10
M11	15 50 31	28°44'23	9♓24	7° 6	25°30	5°44	24°38	0°48	18°40	12° 7	23°37	10°42	11°18	5°17	5°44	M11
T 12	15 54 28	29°41'54	21°19	7°33	26°43	6° 7	24°51	0°55	18°43	12° 6	23°38	10°41	11°15	5°23	5°47	T 12
W13	15 58 24	0♊39'25	3♈21	8° 4	27°55	6°30	25° 4	1° 2	18°47	12° 6	23°39	10°40	11°12	5°30	5°51	W13
T 14	16 2 21	1°36'55	15°33	8°39	29° 8	6°53	25°17	1° 9	18°50	12° 6	23°40	10°39	11° 9	5°37	5°55	T 14
F 15	16 6 18	2°34'24	27°59	9°18	0♋20	7°17	25°30	1°17	18°54	12°D 6	23°41	10°37	11° 5	5°44	5°59	F 15
S 16	16 10 14	3°31'52	10♉40	10° 1	1°32	7°40	25°43	1°24	18°57	12° 6	23°43	10°36	11° 2	5°50	6° 3	S 16
S 17	16 14 11	4°29'19	23°38	10°47	2°45	8° 5	25°57	1°31	19° 1	12° 6	23°44	10°36	10°59	5°57	6° 6	S 17
M18	16 18 7	5°26'46	6♊53	11°38	3°57	8°29	26°10	1°38	19° 4	12° 7	23°45	10°D36	10°56	6° 4	6°10	M18
T 19	16 22 4	6°24'11	20°25	12°32	5° 9	8°54	26°23	1°46	19° 8	12° 7	23°46	10°36	10°53	6°11	6°14	T 19
W20	16 26 0	7°21'36	4♋11	13°29	6°21	9°19	26°36	1°53	19°11	12° 7	23°47	10°36	10°50	6°17	6°17	W20
T 21	16 29 57	8°19'00	18° 8	14°30	7°33	9°45	26°49	2° 0	19°15	12° 7	23°49	10°36	10°46	6°24	6°21	T 21
F 22	16 33 53	9°16'23	2♌14	15°35	8°45	10°11	27° 3	2° 8	19°18	12° 7	23°50	10°36	10°43	6°31	6°25	F 22
S 23	16 37 50	10°13'44	16°27	16°42	9°58	10°37	27°16	2°15	19°22	12° 8	23°51	10°R36	10°40	6°37	6°28	S 23
S 24	16 41 47	11°11'04	0♍42	17°53	11°10	11° 3	27°29	2°23	19°25	12° 8	23°52	10°36	10°37	6°44	6°32	S 24
M25	16 45 43	12° 8'24	14°57	19° 7	12°21	11°29	27°43	2°30	19°29	12° 8	23°54	10°D36	10°34	6°51	6°35	M25
T 26	16 49 40	13° 5'42	29° 9	20°25	13°33	11°56	27°56	2°38	19°32	12° 8	23°55	10°37	10°30	6°58	6°39	T 26
W27	16 53 36	14° 2'59	13♎16	21°45	14°45	12°23	28° 9	2°45	19°36	12° 9	23°56	10°37	10°27	7° 4	6°42	W27
T 28	16 57 33	15° 0'16	27°16	23° 9	15°57	12°51	28°23	2°53	19°40	12° 9	23°58	10°37	10°24	7°11	6°46	T 28
F 29	17 1 29	15°57'31	11♏ 5	24°35	17° 9	13°18	28°36	3° 1	19°43	12°10	23°59	10°38	10°21	7°18	6°49	F 29
S 30	17 5 26	16°54'46	24°44	26° 5	18°20	13°46	28°50	3° 8	19°47	12°10	24° 0	10°38	10°18	7°25	6°52	S 30
S 31	17 9 22	17♊52'00	8♐ 8	27♉37	19♋32	14♍14	29♊ 3	3♋16	19♊50	12♍11	24♋ 2	10°R38	10♊15	7♓31	6♉56	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	17n34	8s55	3n19	11n43	2s12	23n27	0n58	12n14	1n39	23n11	0s 7	22n55	0s36	23n 5	0n 6	8n 5	1n 9	25n 3	3n38	22n 7	22n17	14s45	12n19	0s59
S 2	17 49	14 26	2 13	11 25	2 25	23 38	1 1	12 5	1 37	23 11	0 7	22 55	0 36	23 5	0 6	8 5	1 9	25 3	3 38	22 7	22 16	14 43	12 20	1 0
S 3	18 5	19 5	1 1	11 9	2 37	23 48	1 3	11 57	1 35	23 12	0 7	22 55	0 35	23 6	0 6	8 5	1 9	25 3	3 38	22 6	22 16	14 41	12 22	1 0
M 4	18 20	22 37	0s13	10 56	2 49	23 58	1 5	11 48	1 33	23 13	0 7	22 55	0 35	23 6	0 6	8 5	1 9	25 2	3 38	22 6	22 15	14 38	12 23	1 0
T 5	18 34	24 51	1 24	10 45	2 59	24 7	1 8	11 39	1 32	23 14	0 7	22 56	0 35	23 6	0 6	8 5	1 8	25 2	3 38	22 6	22 15	14 36	12 24	1 0
W 6	18 49	25 42	2 29	10 36	3 8	24 15	1 10	11 29	1 30	23 15	0 7	22 56	0 35	23 7	0 6	8 5	1 8	25 2	3 38	22 7	22 14	14 33	12 25	1 0
T 7	19 3	25 13	3 26	10 30	3 15	24 23	1 12	11 20	1 28	23 15	0 7	22 56	0 35	23 7	0 6	8 5	1 8	25 2	3 38	22 7	22 14	14 31	12 26	1 0
F 8	19 17	23 30	4 12	10 27	3 22	24 30	1 14	11 11	1 26	23 16	0 7	22 56	0 35	23 7	0 6	8 5	1 8	25 2	3 38	22 7	22 13	14 29	12 28	1 0
S 9	19 30	20 46	4 46	10 26	3 28	24 36	1 16	11 1	1 24	23 17	0 6	22 56	0 35	23 8	0 6	8 5	1 8	25 1	3 38	22 7	22 13	14 26	12 29	1 0
S 10	19 44	17 11	5 8	10 27	3 33	24 42	1 18	10 51	1 23	23 17	0 6	22 56	0 35	23 8	0 6	8 5	1 8	25 1	3 38	22 7	22 13	14 24	12 30	1 0
M11	19 56	12 56	5 16	10 31	3 37	24 46	1 20	10 41	1 21	23 18	0 6	22 56	0 34	23 8	0 6	8 6	1 8	25 1	3 38	22 7	22 12	14 21	12 31	1 0
T 12	20 9	8 12	5 11	10 37	3 39	24 51	1 22	10 32	1 19	23 19	0 6	22 56	0 34	23 8	0 7	8 6	1 8	25 1	3 38	22 7	22 12	14 19	12 32	1 1
W13	20 21	3 7	4 52	10 45	3 41	24 54	1 24	10 21	1 18	23 19	0 6	22 56	0 34	23 9	0 7	8 6	1 8	25 1	3 38	22 7	22 11	14 17	12 34	1 1
T 14	20 33	2n 9	4 19	10 55	3 42	24 57	1 26	10 11	1 16	23 20	0 6	22 56	0 34	23 9	0 7	8 6	1 8	25 0	3 38	22 7	22 11	14 14	12 35	1 1
F 15	20 44	7 27	3 35	11 8	3 42	24 59	1 28	10 1	1 14	23 20	0 6	22 56	0 34	23 9	0 7	8 5	1 8	25 0	3 38	22 6	22 10	14 12	12 36	1 1
S 16	20 55	12 34	2 38	11 22	3 41	25 0	1 30	9 50	1 13	23 21	0 6	22 56	0 34	23 10	0 7	8 5	1 8	25 0	3 38	22 6	22 10	14 9	12 37	1 1
S 17	21 6	17 15	1 33	11 38	3 39	25 0	1 31	9 40	1 11	23 21	0 6	22 56	0 34	23 10	0 7	8 5	1 8	25 0	3 38	22 6	22 10	14 7	12 38	1 1
M18	21 17	21 11	0 21	11 56	3 37	25 0	1 33	9 29	1 9	23 22	0 6	22 56	0 34	23 10	0 7	8 5	1 8	25 0	3 38	22 6	22 9	14 4	12 39	1 1
T 19	21 27	24 4	0n54	12 15	3 34	24 59	1 34	9 18	1 8	23 22	0 5	22 56	0 34	23 10	0 7	8 5	1 8	24 59	3 38	22 6	22 9	14 2	12 40	1 1
W20	21 36	25 34	2 7	12 36	3 30	24 57	1 36	9 7	1 6	23 23	0 5	22 56	0 33	23 11	0 7	8 5	1 8	24 59	3 38	22 6	22 8	13 59	12 41	1 1
T 21	21 46	25 28	3 13	12 58	3 25	24 55	1 37	8 56	1 5	23 23	0 5	22 56	0 33	23 11	0 7	8 5	1 8	24 59	3 38	22 6	22 8	13 57	12 43	1 2
F 22	21 55	23 45	4 9	13 22	3 20	24 52	1 39	8 45	1 3	23 24	0 5	22 56	0 33	23 11	0 7	8 5	1 8	24 59	3 38	22 6	22 7	13 55	12 44	1 2
S 23	22 3	20 33	4 49	13 47	3 14	24 48	1 40	8 34	1 2	23 24	0 5	22 56	0 33	23 12	0 7	8 5	1 8	24 59	3 38	22 6	22 7	13 52	12 45	1 2
S 24	22 11	16 7	5 12	14 13	3 7	24 44	1 41	8 22	1 0	23 24	0 5	22 56	0 33	23 12	0 7	8 5	1 8	24 58	3 38	22 6	22 6	13 50	12 46	1 2
M25	22 19	10 48	5 16	14 41	3 0	24 38	1 43	8 11	0 59	23 25	0 5	22 56	0 33	23 12	0 7	8 5	1 8	24 58	3 38	22 6	22 6	13 47	12 47	1 2
T 26	22 26	4 56	5 0	15 9	2 52	24 32	1 44	7 59	0 57	23 25	0 5	22 56	0 33	23 13	0 7	8 4	1 8	24 58	3 38	22 6	22 5	13 45	12 48	1 2
W27	22 33	1s 9	4 27	15 37	2 44	24 26	1 45	7 47	0 56	23 25	0 5	22 56	0 33	23 13	0 7	8 4	1 8	24 58	3 38	22 6	22 5	13 42	12 49	1 2
T 28	22 40	7 8	3 38	16 7	2 35	24 18	1 46	7 36	0 54	23 26	0 5	22 56	0 33	23 13	0 7	8 4	1 8	24 57	3 38	22 6	22 5	13 40	12 50	1 2
F 29	22 46	12 43	2 36	16 37	2 26	24 10	1 47	7 24	0 53	23 26	0 4	22 56	0 33	23 13	0 7	8 4	1 8	24 57	3 38	22 6	22 4	13 37	12 51	1 3
S 30	22 52	17 36	1 27	17 8	2 16	24 2	1 48	7 12	0 51	23 26	0 4	22 56	0 32	23 14	0 7	8 4	1 8	24 57	3 38	22 7	22 4	13 35	12 52	1 3
S 31	22n57	21s30	0n14	17n39	2s 6	23n52	1n48	7n 0	0n50	23n26	0s 4	22n56	0s32	23n14	0n 7	8n 3	1n 8	24n57	3n38	22n 7	22n 3	13s32	12n53	1s 3

Julian Day Number = 2248599.5, Delta T = 06m39s
Ecliptic obliquity = 23°30'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'17, Lahiri = 16°06'18 Julian Calendar 1 May 1444 == Greg. Calendar 10 May 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

JUNE 1444 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 13 19	18♊49'14	21♐18	29♉13	20♋44	14♍42	29♊17	3♋23	19♊54	12♍11	24♋ 3	10°R38	10♊11	7♓38	6♉59	M 1
T 2	17 17 16	19°46'27	4♑12	0♊51	21°55	15°11	29°30	3°31	19°58	12°12	24° 5	10♊38	10° 8	7°45	7° 2	T 2
W 3	17 21 12	20°43'40	16°51	2°33	23° 7	15°39	29°44	3°39	20° 1	12°13	24° 6	10°36	10° 5	7°51	7° 5	W 3
T 4	17 25 9	21°40'53	29°16	4°17	24°18	16° 8	29°57	3°47	20° 5	12°13	24° 8	10°35	10° 2	7°58	7° 9	T 4
F 5	17 29 5	22°38'05	11♒28	6° 4	25°30	16°37	0♋11	3°54	20° 8	12°14	24° 9	10°33	9°59	8° 5	7°12	F 5
S 6	17 33 2	23°35'17	23°31	7°54	26°41	17° 7	0°24	4° 2	20°12	12°15	24°11	10°32	9°56	8°12	7°15	S 6
S 7	17 36 58	24°32'29	5♓26	9°47	27°52	17°36	0°38	4°10	20°15	12°15	24°12	10°31	9°52	8°18	7°18	S 7
M 8	17 40 55	25°29'41	17°20	11°42	29° 4	18° 6	0°51	4°18	20°19	12°16	24°14	10°30	9°49	8°25	7°21	M 8
T 9	17 44 51	26°26'53	29°15	13°39	0♌15	18°36	1° 5	4°25	20°23	12°17	24°15	10°D30	9°46	8°32	7°24	T 9
W10	17 48 48	27°24'04	11♈17	15°39	1°26	19° 6	1°19	4°33	20°26	12°18	24°17	10°30	9°43	8°39	7°27	W10
T 11	17 52 45	28°21'16	23°30	17°41	2°37	19°37	1°32	4°41	20°30	12°19	24°18	10°31	9°40	8°45	7°30	T 11
F 12	17 56 41	29°18'28	5♉58	19°45	3°48	20° 7	1°46	4°49	20°33	12°19	24°20	10°33	9°36	8°52	7°33	F 12
S 13	18 0 38	0♋15'40	18°45	21°51	4°59	20°38	1°59	4°56	20°37	12°20	24°21	10°34	9°33	8°59	7°36	S 13
S 14	18 4 34	1°12'53	1♊53	23°58	6°10	21° 9	2°13	5° 4	20°40	12°21	24°23	10°35	9°30	9° 5	7°39	S 14
M15	18 8 31	2°10'05	15°23	26° 7	7°21	21°40	2°27	5°12	20°44	12°22	24°24	10°R35	9°27	9°12	7°41	M15
T 16	18 12 27	3° 7'17	29°16	28°16	8°31	22°11	2°40	5°20	20°47	12°23	24°26	10°34	9°24	9°19	7°44	T 16
W17	18 16 24	4° 4'30	13♋26	0♋26	9°42	22°43	2°54	5°28	20°51	12°24	24°28	10°32	9°21	9°26	7°47	W17
T 18	18 20 21	5° 1'42	27°52	2°36	10°53	23°15	3° 7	5°36	20°54	12°25	24°29	10°29	9°17	9°32	7°49	T 18
F 19	18 24 17	5°58'55	12♌25	4°46	12° 3	23°46	3°21	5°43	20°58	12°26	24°31	10°26	9°14	9°39	7°52	F 19
S 20	18 28 14	6°56'07	27° 1	6°56	13°14	24°19	3°34	5°51	21° 1	12°28	24°32	10°22	9°11	9°46	7°55	S 20
S 21	18 32 10	7°53'19	11♍33	9° 6	14°24	24°51	3°48	5°59	21° 5	12°29	24°34	10°20	9° 8	9°52	7°57	S 21
M22	18 36 7	8°50'31	25°56	11°15	15°35	25°23	4° 2	6° 7	21° 8	12°30	24°36	10°18	9° 5	9°59	8° 0	M22
T 23	18 40 3	9°47'43	10♎ 6	13°23	16°45	25°56	4°15	6°15	21°12	12°31	24°37	10°D17	9° 2	10° 6	8° 2	T 23
W24	18 44 0	10°44'54	24° 3	15°29	17°55	26°28	4°29	6°23	21°15	12°32	24°39	10°18	8°58	10°13	8° 4	W24
T 25	18 47 56	11°42'06	7♏45	17°35	19° 6	27° 1	4°42	6°30	21°19	12°34	24°41	10°19	8°55	10°19	8° 7	T 25
F 26	18 51 53	12°39'17	21°13	19°39	20°16	27°34	4°56	6°38	21°22	12°35	24°42	10°21	8°52	10°26	8° 9	F 26
S 27	18 55 50	13°36'29	4♐27	21°42	21°26	28° 8	5° 9	6°46	21°25	12°36	24°44	10°R22	8°49	10°33	8°11	S 27
S 28	18 59 46	14°33'41	17°28	23°43	22°36	28°41	5°23	6°54	21°29	12°38	24°45	10°21	8°46	10°40	8°13	S 28
M29	19 3 43	15°30'53	0♑17	25°42	23°46	29°15	5°36	7° 2	21°32	12°39	24°47	10°20	8°42	10°46	8°15	M29
T 30	19 7 39	16♋28'06	12♑54	27♋40	24♌55	29♍48	5♋50	7♋ 9	21♊35	12♍40	24♋49	10♊17	8♊39	10♓53	8♉18	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
M 1	23n 2	24s12	0s59	18n10	1s55	23n42	1n49	6n47	0n49	23n27	0s 4	22n56	0s32	23n14	0n 7	8n 3	1n 8	24n56	3n38	22n 7	22n 3	13s30	12n54	1s 3
T 2	23 7	25 33	2 7	18 41	1 45	23 31	1 50	6 35	0 47	23 27	0 4	22 56	0 32	23 15	0 7	8 3	1 8	24 56	3 38	22 6	22 2	13 27	12 55	1 3
W 3	23 11	25 32	3 7	19 12	1 34	23 20	1 50	6 23	0 46	23 27	0 4	22 56	0 32	23 15	0 7	8 3	1 8	24 56	3 38	22 6	22 2	13 25	12 56	1 3
T 4	23 15	24 14	3 57	19 43	1 22	23 8	1 51	6 10	0 44	23 27	0 4	22 56	0 32	23 15	0 7	8 2	1 8	24 56	3 38	22 6	22 1	13 22	12 57	1 3
F 5	23 18	21 49	4 36	20 13	1 11	22 55	1 51	5 57	0 43	23 27	0 4	22 55	0 32	23 15	0 7	8 2	1 8	24 55	3 38	22 6	22 1	13 20	12 57	1 3
S 6	23 21	18 28	5 2	20 43	0 59	22 42	1 51	5 45	0 42	23 27	0 4	22 55	0 32	23 16	0 7	8 2	1 8	24 55	3 38	22 6	22 0	13 17	12 58	1 4
S 7	23 24	14 25	5 14	21 12	0 48	22 28	1 51	5 32	0 41	23 27	0 4	22 55	0 32	23 16	0 7	8 1	1 8	24 55	3 38	22 5	22 0	13 15	12 59	1 4
M 8	23 26	9 49	5 13	21 40	0 36	22 14	1 52	5 19	0 39	23 27	0 3	22 55	0 32	23 16	0 7	8 1	1 8	24 55	3 38	22 5	21 59	13 12	13 0	1 4
T 9	23 28	4 52	4 59	22 6	0 24	21 59	1 52	5 6	0 38	23 27	0 3	22 55	0 31	23 16	0 7	8 1	1 7	24 54	3 38	22 5	21 59	13 10	13 1	1 4
W10	23 29	0n19	4 31	22 31	0 13	21 43	1 52	4 53	0 37	23 27	0 3	22 55	0 31	23 17	0 7	8 0	1 7	24 54	3 38	22 5	21 58	13 7	13 2	1 4
T 11	23 30	5 34	3 51	22 55	0 2	21 27	1 51	4 40	0 35	23 27	0 3	22 55	0 31	23 17	0 7	8 0	1 7	24 54	3 38	22 6	21 58	13 4	13 3	1 4
F 12	23 31	10 44	2 59	23 16	0n 9	21 10	1 51	4 27	0 34	23 27	0 3	22 54	0 31	23 17	0 7	8 0	1 7	24 54	3 38	22 6	21 58	13 2	13 3	1 4
S 13	23 31	15 34	1 57	23 36	0 20	20 52	1 51	4 14	0 33	23 27	0 3	22 54	0 31	23 17	0 7	7 59	1 7	24 53	3 38	22 6	21 57	12 59	13 4	1 4
S 14	23 30	19 49	0 48	23 53	0 31	20 34	1 51	4 0	0 32	23 27	0 3	22 54	0 31	23 18	0 7	7 59	1 7	24 53	3 38	22 6	21 57	12 57	13 5	1 5
M15	23 30	23 9	0n26	24 8	0 40	20 16	1 50	3 47	0 30	23 27	0 3	22 54	0 31	23 18	0 7	7 59	1 7	24 53	3 38	22 6	21 56	12 54	13 6	1 5
T 16	23 29	25 12	1 41	24 20	0 50	19 57	1 49	3 33	0 29	23 26	0 3	22 53	0 31	23 18	0 7	7 58	1 7	24 53	3 38	22 6	21 56	12 52	13 7	1 5
W17	23 27	25 40	2 51	24 29	0 59	19 37	1 49	3 20	0 28	23 26	0 3	22 53	0 31	23 19	0 7	7 58	1 7	24 52	3 38	22 6	21 55	12 49	13 7	1 5
T 18	23 25	24 25	3 51	24 36	1 7	19 17	1 48	3 6	0 27	23 26	0 2	22 53	0 31	23 19	0 7	7 57	1 7	24 52	3 38	22 5	21 55	12 47	13 8	1 5
F 19	23 23	21 33	4 37	24 40	1 15	18 57	1 47	2 52	0 26	23 26	0 2	22 53	0 31	23 19	0 7	7 57	1 7	24 52	3 38	22 5	21 54	12 44	13 9	1 5
S 20	23 20	17 18	5 5	24 41	1 21	18 36	1 46	2 38	0 24	23 26	0 2	22 53	0 30	23 19	0 7	7 56	1 7	24 52	3 38	22 4	21 54	12 41	13 9	1 5
S 21	23 17	12 4	5 13	24 39	1 28	18 14	1 45	2 25	0 23	23 25	0 2	22 52	0 30	23 20	0 7	7 56	1 7	24 51	3 39	22 4	21 53	12 39	13 10	1 6
M22	23 13	6 14	5 2	24 35	1 33	17 52	1 44	2 11	0 22	23 25	0 2	22 52	0 30	23 20	0 7	7 55	1 7	24 51	3 39	22 4	21 53	12 36	13 11	1 6
T 23	23 9	0 9	4 32	24 27	1 38	17 30	1 43	1 57	0 21	23 25	0 2	22 52	0 30	23 20	0 7	7 55	1 7	24 51	3 39	22 4	21 52	12 34	13 11	1 6
W24	23 5	5s51	3 46	24 17	1 42	17 7	1 42	1 43	0 20	23 24	0 2	22 51	0 30	23 20	0 7	7 54	1 7	24 51	3 39	22 4	21 52	12 31	13 12	1 6
T 25	23 0	11 29	2 49	24 5	1 45	16 44	1 40	1 28	0 19	23 24	0 2	22 51	0 30	23 20	0 7	7 54	1 7	24 50	3 39	22 4	21 51	12 28	13 13	1 6
F 26	22 54	16 28	1 43	23 50	1 47	16 20	1 39	1 14	0 18	23 24	0 2	22 51	0 30	23 21	0 7	7 53	1 7	24 50	3 39	22 4	21 51	12 26	13 13	1 6
S 27	22 49	20 34	0 32	23 33	1 49	15 56	1 37	1 0	0 17	23 23	0 2	22 50	0 30	23 21	0 7	7 53	1 7	24 50	3 39	22 4	21 50	12 23	13 14	1 6
S 28	22 43	23 34	0s39	23 14	1 50	15 32	1 35	0 46	0 15	23 23	0 1	22 50	0 30	23 21	0 7	7 52	1 7	24 50	3 39	22 4	21 50	12 21	13 14	1 7
M29	22 36	25 17	1 46	22 52	1 50	15 7	1 34	0 31	0 14	23 22	0 1	22 50	0 30	23 21	0 7	7 52	1 7	24 49	3 39	22 4	21 49	12 18	13 15	1 7
T 30	22n30	25s40	2s48	22n29	1n50	14n42	1n32	0n17	0n13	23n22	0s 1	22n50	0s30	23n22	0n 7	7n51	1n 7	24n49	3n39	22n 3	21n49	12s15	13n15	1s 7

Julian Day Number = 2248630.5, Delta T = 06m39s
Ecliptic obliquity = 23°30'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'22, Lahiri = 16°06'22 Julian Calendar 1 June 1444 == Greg. Calendar 10 June 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

JULY 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 11 36	17♋25'19	25♉20	29♋36	26♌ 5	0♎22	6♋ 3	7♋17	21♊39	12♍42	24♋51	10°R12	8♊36	11♓ 0	8♉20	W 1
T 2	19 15 32	18°22'33	7♒36	1♌30	27°15	0°56	6°16	7°25	21°42	12°43	24°52	10♊ 5	8°33	11° 6	8°22	T 2
F 3	19 19 29	19°19'47	19°42	3°23	28°24	1°30	6°30	7°33	21°45	12°45	24°54	9°58	8°30	11°13	8°23	F 3
S 4	19 23 25	20°17'01	1♓41	5°13	29°33	2° 4	6°43	7°40	21°49	12°46	24°56	9°51	8°27	11°20	8°25	S 4
S 5	19 27 22	21°14'17	13°35	7° 2	0♍43	2°39	6°57	7°48	21°52	12°48	24°57	9°45	8°23	11°27	8°27	S 5
M 6	19 31 19	22°11'33	25°28	8°49	1°52	3°13	7°10	7°56	21°55	12°49	24°59	9°40	8°20	11°33	8°29	M 6
T 7	19 35 15	23° 8'50	7♈21	10°35	3° 1	3°48	7°23	8° 3	21°58	12°51	25° 1	9°37	8°17	11°40	8°31	T 7
W 8	19 39 12	24° 6'08	19°21	12°18	4°10	4°23	7°36	8°11	22° 1	12°52	25° 2	9°D36	8°14	11°47	8°32	W 8
T 9	19 43 8	25° 3'27	1♉32	14° 0	5°19	4°58	7°50	8°19	22° 5	12°54	25° 4	9°36	8°11	11°54	8°34	T 9
F 10	19 47 5	26° 0'47	13°58	15°40	6°28	5°33	8° 3	8°26	22° 8	12°56	25° 6	9°37	8° 8	12° 0	8°35	F 10
S 11	19 51 1	26°58'08	26°44	17°18	7°37	6° 8	8°16	8°34	22°11	12°57	25° 7	9°38	8° 4	12° 7	8°37	S 11
S 12	19 54 58	27°55'30	9♊54	18°55	8°46	6°43	8°29	8°41	22°14	12°59	25° 9	9°R38	8° 1	12°14	8°38	S 12
M13	19 58 54	28°52'53	23°31	20°30	9°54	7°19	8°42	8°49	22°17	13° 1	25°11	9°38	7°58	12°20	8°40	M13
T 14	20 2 51	29°50'18	7♋35	22° 3	11° 3	7°55	8°56	8°56	22°20	13° 2	25°12	9°35	7°55	12°27	8°41	T 14
W15	20 6 48	0♌47'43	22° 3	23°34	12°11	8°30	9° 9	9° 4	22°23	13° 4	25°14	9°30	7°52	12°34	8°42	W15
T 16	20 10 44	1°45'09	6♌50	25° 4	13°19	9° 6	9°22	9°11	22°26	13° 6	25°16	9°23	7°48	12°41	8°43	T 16
F 17	20 14 41	2°42'36	21°49	26°31	14°27	9°42	9°35	9°19	22°29	13° 8	25°17	9°15	7°45	12°47	8°45	F 17
S 18	20 18 37	3°40'04	6♍49	27°57	15°35	10°18	9°48	9°26	22°32	13° 9	25°19	9° 7	7°42	12°54	8°46	S 18
S 19	20 22 34	4°37'33	21°42	29°21	16°43	10°55	10° 0	9°33	22°35	13°11	25°21	9° 0	7°39	13° 1	8°47	S 19
M20	20 26 30	5°35'02	6♎20	0♍44	17°51	11°31	10°13	9°41	22°37	13°13	25°23	8°55	7°36	13° 7	8°48	M20
T 21	20 30 27	6°32'32	20°39	2° 4	18°59	12° 8	10°26	9°48	22°40	13°15	25°24	8°52	7°33	13°14	8°49	T 21
W22	20 34 23	7°30'03	4♏36	3°23	20° 6	12°44	10°39	9°55	22°43	13°17	25°26	8°D51	7°29	13°21	8°49	W22
T 23	20 38 20	8°27'35	18°12	4°39	21°14	13°21	10°52	10° 3	22°46	13°19	25°28	8°51	7°26	13°28	8°50	T 23
F 24	20 42 17	9°25'08	1♐27	5°53	22°21	13°58	11° 4	10°10	22°49	13°21	25°29	8°52	7°23	13°34	8°51	F 24
S 25	20 46 13	10°22'41	14°25	7° 6	23°28	14°35	11°17	10°17	22°51	13°23	25°31	8°R52	7°20	13°41	8°52	S 25
S 26	20 50 10	11°20'16	27° 8	8°16	24°35	15°12	11°30	10°24	22°54	13°24	25°32	8°50	7°17	13°48	8°52	S 26
M27	20 54 6	12°17'52	9♑40	9°24	25°42	15°49	11°42	10°31	22°57	13°26	25°34	8°46	7°14	13°55	8°53	M27
T 28	20 58 3	13°15'28	22° 1	10°29	26°49	16°27	11°55	10°38	22°59	13°28	25°36	8°40	7°10	14° 1	8°53	T 28
W29	21 1 59	14°13'06	4♒14	11°32	27°55	17° 4	12° 7	10°45	23° 2	13°30	25°37	8°30	7° 7	14° 8	8°54	W29
T 30	21 5 56	15°10'45	16°19	12°33	29° 1	17°42	12°20	10°52	23° 4	13°32	25°39	8°19	7° 4	14°15	8°54	T 30
F 31	21 9 52	16♌ 8'26	28♒19	13♍31	0♎ 8	18♎20	12♋32	10♋59	23♊ 7	13♍34	25♋41	8♊ 7	7♊ 1	14♓21	8♉55	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	22n22	24s44	3s40	22n 4	1n49	14n16	1n30	0n 2	0n12	23n21	0s 1	22n49	0s30	23n22	0n 7	7n51	1n 7	24n49	3n39	22n 3	21n48	12s13	13n16	1s 7
T 2	22 15	22 38	4 21	21 38	1 47	13 50	1 28	0s12	0 11	23 21	0 1	22 49	0 29	23 22	0 7	7 50	1 7	24 49	3 39	22 2	21 48	12 10	13 16	1 7
F 3	22 7	19 32	4 50	21 10	1 45	13 24	1 26	0 27	0 10	23 20	0 1	22 48	0 29	23 22	0 7	7 50	1 7	24 48	3 39	22 1	21 47	12 8	13 17	1 7
S 4	21 59	15 40	5 6	20 41	1 42	12 58	1 23	0 41	0 9	23 20	0 1	22 48	0 29	23 22	0 7	7 49	1 7	24 48	3 39	22 0	21 47	12 5	13 17	1 8
S 5	21 50	11 12	5 8	20 10	1 39	12 31	1 21	0 56	0 8	23 19	0 1	22 48	0 29	23 23	0 7	7 48	1 7	24 48	3 39	21 59	21 46	12 2	13 18	1 8
M 6	21 41	6 21	4 57	19 38	1 35	12 4	1 19	1 11	0 7	23 18	0 1	22 47	0 29	23 23	0 7	7 48	1 7	24 48	3 39	21 58	21 46	12 0	13 18	1 8
T 7	21 31	1 16	4 34	19 6	1 31	11 37	1 16	1 25	0 6	23 18	0 1	22 47	0 29	23 23	0 7	7 47	1 7	24 47	3 39	21 58	21 45	11 57	13 19	1 8
W 8	21 21	3n56	3 58	18 32	1 26	11 9	1 13	1 40	0 5	23 17	0 0	22 47	0 29	23 23	0 7	7 47	1 7	24 47	3 39	21 57	21 45	11 54	13 19	1 8
T 9	21 11	9 3	3 11	17 58	1 21	10 41	1 11	1 55	0 4	23 16	0 0	22 46	0 29	23 24	0 7	7 46	1 7	24 47	3 40	21 57	21 44	11 52	13 19	1 8
F 10	21 1	13 57	2 14	17 23	1 15	10 13	1 8	2 10	0 3	23 16	0 0	22 46	0 29	23 24	0 7	7 45	1 7	24 47	3 40	21 58	21 44	11 49	13 20	1 8
S 11	20 50	18 22	1 9	16 47	1 9	9 45	1 5	2 25	0 2	23 15	0 0	22 45	0 29	23 24	0 7	7 45	1 7	24 46	3 40	21 58	21 43	11 46	13 20	1 9
S 12	20 38	22 2	0n 1	16 11	1 2	9 16	1 2	2 40	0 1	23 14	0 0	22 45	0 29	23 24	0 7	7 44	1 7	24 46	3 40	21 58	21 43	11 44	13 20	1 9
M13	20 27	24 35	1 14	15 35	0 55	8 47	0 59	2 55	0 0	23 14	0n 0	22 45	0 29	23 24	0 7	7 43	1 7	24 46	3 40	21 58	21 42	11 41	13 21	1 9
T 14	20 15	25 42	2 24	14 58	0 48	8 18	0 56	3 10	0s 1	23 13	0 0	22 44	0 29	23 25	0 7	7 43	1 7	24 46	3 40	21 57	21 42	11 38	13 21	1 9
W15	20 2	25 7	3 27	14 21	0 41	7 49	0 53	3 25	0 2	23 12	0 0	22 44	0 29	23 25	0 7	7 42	1 7	24 45	3 40	21 57	21 41	11 36	13 21	1 9
T 16	19 50	22 47	4 18	13 43	0 33	7 20	0 49	3 40	0 3	23 11	0 0	22 43	0 28	23 25	0 7	7 41	1 7	24 45	3 40	21 56	21 41	11 33	13 21	1 9
F 17	19 37	18 52	4 52	13 6	0 25	6 51	0 46	3 55	0 4	23 10	0 0	22 43	0 28	23 25	0 7	7 40	1 7	24 45	3 40	21 54	21 40	11 30	13 22	1 10
S 18	19 24	13 45	5 5	12 28	0 16	6 21	0 42	4 10	0 5	23 9	0 1	22 42	0 28	23 25	0 7	7 40	1 7	24 45	3 40	21 53	21 40	11 28	13 22	1 10
S 19	19 10	7 52	4 58	11 51	0 7	5 51	0 39	4 25	0 6	23 9	0 1	22 42	0 28	23 25	0 7	7 39	1 7	24 44	3 40	21 52	21 39	11 25	13 22	1 10
M20	18 56	1 38	4 31	11 13	0s 2	5 21	0 35	4 40	0 6	23 8	0 1	22 41	0 28	23 26	0 7	7 38	1 7	24 44	3 40	21 51	21 39	11 22	13 22	1 10
T 21	18 42	4s34	3 48	10 36	0 11	4 51	0 31	4 55	0 7	23 7	0 1	22 41	0 28	23 26	0 7	7 38	1 7	24 44	3 40	21 51	21 38	11 20	13 22	1 10
W22	18 27	10 23	2 52	9 59	0 20	4 21	0 27	5 10	0 8	23 6	0 1	22 40	0 28	23 26	0 7	7 37	1 7	24 44	3 41	21 51	21 38	11 17	13 22	1 10
T 23	18 12	15 34	1 48	9 22	0 30	3 51	0 24	5 26	0 9	23 5	0 1	22 40	0 28	23 26	0 7	7 36	1 7	24 44	3 41	21 51	21 37	11 14	13 22	1 11
F 24	17 57	19 52	0 40	8 46	0 40	3 21	0 20	5 41	0 10	23 4	0 1	22 39	0 28	23 26	0 7	7 35	1 7	24 43	3 41	21 51	21 37	11 12	13 23	1 11
S 25	17 42	23 5	0s30	8 10	0 50	2 50	0 15	5 56	0 11	23 3	0 1	22 39	0 28	23 26	0 7	7 35	1 7	24 43	3 41	21 51	21 36	11 9	13 23	1 11
S 26	17 26	25 5	1 36	7 34	1 0	2 20	0 11	6 11	0 12	23 2	0 1	22 39	0 28	23 27	0 7	7 34	1 7	24 43	3 41	21 50	21 35	11 6	13 23	1 11
M27	17 10	25 45	2 36	6 59	1 10	1 49	0 7	6 26	0 13	23 1	0 1	22 38	0 28	23 27	0 7	7 33	1 7	24 43	3 41	21 50	21 35	11 4	13 23	1 11
T 28	16 53	25 8	3 28	6 25	1 21	1 19	0 3	6 42	0 14	23 0	0 2	22 38	0 28	23 27	0 7	7 32	1 7	24 42	3 41	21 49	21 34	11 1	13 23	1 11
W29	16 37	23 18	4 10	5 51	1 31	0 48	0s 2	6 57	0 14	22 59	0 2	22 37	0 28	23 27	0 7	7 32	1 7	24 42	3 41	21 47	21 34	10 58	13 23	1 12
T 30	16 20	20 26	4 40	5 18	1 42	0 18	0 6	7 12	0 15	22 58	0 2	22 37	0 28	23 27	0 7	7 31	1 7	24 42	3 41	21 46	21 33	10 55	13 23	1 12
F 31	16n 3	16s44	4s57	4n46	1s52	0s13	0s11	7s27	0s16	22n57	0n 2	22n36	0s27	23n27	0n 7	7n30	1n 7	24n42	3n41	21n44	21n33	10s53	13n23	1s12

Julian Day Number = 2248660.5, Delta T = 06m39s
Ecliptic obliquity = 23°30'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'26, Lahiri = 16°06'26 Julian Calendar 1 July 1444 == Greg. Calendar 10 July 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

AUGUST 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 13 49	17♌ 6'07	10♓15	14♍26	1♎14	18♎57	12♋44	11♋ 6	23♊ 9	13♍36	25♋42	7°R55	6♊58	14♓28	8♉55	S 1
S 2	21 17 46	18° 3'51	22° 7	15°18	2°19	19°35	12°56	11°13	23°12	13°38	25°44	7♊43	6°54	14°35	8°55	S 2
M 3	21 21 42	19° 1'35	3♈58	16° 7	3°25	20°13	13° 9	11°19	23°14	13°41	25°45	7°33	6°51	14°42	8°55	M 3
T 4	21 25 39	19°59'22	15°51	16°52	4°31	20°51	13°21	11°26	23°16	13°43	25°47	7°26	6°48	14°48	8°55	T 4
W 5	21 29 35	20°57'10	27°50	17°34	5°36	21°30	13°33	11°33	23°19	13°45	25°48	7°22	6°45	14°55	8°R55	W 5
T 6	21 33 32	21°54'59	9♉58	18°12	6°41	22° 8	13°45	11°39	23°21	13°47	25°50	7°19	6°42	15° 2	8°55	T 6
F 7	21 37 28	22°52'51	22°21	18°47	7°46	22°46	13°57	11°46	23°23	13°49	25°52	7°D19	6°39	15° 9	8°55	F 7
S 8	21 41 25	23°50'44	5♊ 3	19°17	8°51	23°25	14° 8	11°53	23°25	13°51	25°53	7°R19	6°35	15°15	8°55	S 8
S 9	21 45 21	24°48'39	18° 9	19°43	9°56	24° 4	14°20	11°59	23°27	13°53	25°55	7°19	6°32	15°22	8°55	S 9
M10	21 49 18	25°46'37	1♋43	20° 4	11° 0	24°42	14°32	12° 5	23°29	13°55	25°56	7°17	6°29	15°29	8°54	M10
T 11	21 53 15	26°44'35	15°47	20°20	12° 4	25°21	14°44	12°12	23°31	13°57	25°58	7°13	6°26	15°35	8°54	T 11
W12	21 57 11	27°42'36	0♌19	20°31	13° 8	26° 0	14°55	12°18	23°33	14° 0	25°59	7° 6	6°23	15°42	8°54	W12
T 13	22 1 8	28°40'39	15°15	20°R36	14°12	26°39	15° 7	12°24	23°35	14° 2	26° 1	6°57	6°20	15°49	8°53	T 13
F 14	22 5 4	29°38'43	0♍26	20°36	15°15	27°19	15°18	12°31	23°37	14° 4	26° 2	6°46	6°16	15°56	8°53	F 14
S 15	22 9 1	0♍36'49	15°44	20°29	16°19	27°58	15°29	12°37	23°39	14° 6	26° 3	6°35	6°13	16° 2	8°52	S 15
S 16	22 12 57	1°34'56	0♎55	20°17	17°22	28°37	15°41	12°43	23°41	14° 8	26° 5	6°25	6°10	16° 9	8°51	S 16
M17	22 16 54	2°33'05	15°50	19°58	18°24	29°17	15°52	12°49	23°43	14°10	26° 6	6°17	6° 7	16°16	8°51	M17
T 18	22 20 50	3°31'15	0♏22	19°33	19°27	29°57	16° 3	12°55	23°45	14°13	26° 8	6°12	6° 4	16°22	8°50	T 18
W19	22 24 47	4°29'27	14°27	19° 2	20°29	0♏36	16°14	13° 1	23°46	14°15	26° 9	6° 9	6° 0	16°29	8°49	W19
T 20	22 28 44	5°27'41	28° 6	18°24	21°31	1°16	16°25	13° 6	23°48	14°17	26°10	6° 9	5°57	16°36	8°48	T 20
F 21	22 32 40	6°25'56	11♐19	17°41	22°33	1°56	16°36	13°12	23°49	14°19	26°12	6° 9	5°54	16°43	8°47	F 21
S 22	22 36 37	7°24'12	24°11	16°53	23°34	2°36	16°47	13°18	23°51	14°21	26°13	6° 8	5°51	16°49	8°46	S 22
S 23	22 40 33	8°22'30	6♑45	15°59	24°36	3°16	16°57	13°23	23°53	14°24	26°15	6° 6	5°48	16°56	8°45	S 23
M24	22 44 30	9°20'50	19° 6	15° 3	25°36	3°56	17° 8	13°29	23°54	14°26	26°16	6° 1	5°45	17° 3	8°44	M24
T 25	22 48 26	10°19'11	1♒16	14° 3	26°37	4°37	17°18	13°34	23°55	14°28	26°17	5°54	5°41	17°10	8°43	T 25
W26	22 52 23	11°17'34	13°19	13° 2	27°37	5°17	17°29	13°40	23°57	14°30	26°18	5°43	5°38	17°16	8°42	W26
T 27	22 56 19	12°15'58	25°17	12° 0	28°37	5°58	17°39	13°45	23°58	14°33	26°20	5°31	5°35	17°23	8°40	T 27
F 28	23 0 16	13°14'25	7♓12	11° 0	29°36	6°38	17°49	13°50	23°59	14°35	26°21	5°17	5°32	17°30	8°39	F 28
S 29	23 4 13	14°12'53	19° 5	10° 2	0♏35	7°19	17°59	13°55	24° 1	14°37	26°22	5° 3	5°29	17°36	8°37	S 29
S 30	23 8 9	15°11'23	0♈57	9° 9	1°34	8° 0	18° 9	14° 1	24° 2	14°39	26°23	4°50	5°25	17°43	8°36	S 30
M31	23 12 6	16♍ 9'55	12♈50	8♍21	2♏32	8♏40	18♋19	14♋ 6	24♊ 3	14♍41	26♋25	4♊39	5♊22	17♓50	8♉35	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	15n45	12s23	5s 1	4n16	2s 3	0s43	0s15	7s42	0s17	22n56	0n 2	22n36	0s27	23n27	0n 7	7n29	1n 6	24n42	3n41	21n42	21n32	10s50	13n23	1s12
S 2	15 28	7 36	4 52	3 46	2 13	1 14	0 20	7 58	0 18	22 55	0 2	22 35	0 27	23 28	0 7	7 28	1 6	24 41	3 42	21 40	21 32	10 47	13 22	1 12
M 3	15 10	2 33	4 30	3 17	2 24	1 44	0 25	8 13	0 19	22 54	0 2	22 35	0 27	23 28	0 7	7 28	1 6	24 41	3 42	21 38	21 31	10 44	13 22	1 12
T 4	14 52	2n37	3 57	2 50	2 35	2 15	0 29	8 28	0 19	22 53	0 2	22 34	0 27	23 28	0 7	7 27	1 6	24 41	3 42	21 37	21 31	10 42	13 22	1 13
W 5	14 33	7 44	3 13	2 24	2 45	2 45	0 34	8 43	0 20	22 52	0 2	22 33	0 27	23 28	0 7	7 26	1 6	24 41	3 42	21 36	21 30	10 39	13 22	1 13
T 6	14 15	12 39	2 19	1 59	2 55	3 16	0 39	8 58	0 21	22 50	0 2	22 33	0 27	23 28	0 7	7 25	1 6	24 41	3 42	21 36	21 30	10 36	13 22	1 13
F 7	13 56	17 9	1 18	1 37	3 5	3 46	0 44	9 13	0 22	22 49	0 3	22 32	0 27	23 28	0 7	7 24	1 6	24 40	3 42	21 36	21 29	10 34	13 22	1 13
S 8	13 37	21 1	0 12	1 16	3 15	4 16	0 49	9 28	0 23	22 48	0 3	22 32	0 27	23 28	0 7	7 24	1 6	24 40	3 42	21 36	21 29	10 31	13 21	1 13
S 9	13 17	23 56	0n57	0 57	3 24	4 47	0 54	9 43	0 23	22 47	0 3	22 31	0 27	23 28	0 7	7 23	1 6	24 40	3 42	21 36	21 28	10 28	13 21	1 13
M10	12 58	25 35	2 5	0 41	3 33	5 17	1 0	9 58	0 24	22 46	0 3	22 31	0 27	23 29	0 8	7 22	1 6	24 40	3 42	21 35	21 27	10 25	13 21	1 14
T 11	12 38	25 42	3 8	0 27	3 42	5 47	1 5	10 13	0 25	22 45	0 3	22 30	0 27	23 29	0 8	7 21	1 6	24 40	3 43	21 35	21 27	10 22	13 21	1 14
W12	12 18	24 4	4 1	0 15	3 50	6 16	1 10	10 28	0 26	22 44	0 3	22 30	0 27	23 29	0 8	7 20	1 6	24 40	3 43	21 34	21 26	10 20	13 20	1 14
T 13	11 58	20 45	4 39	0 6	3 57	6 46	1 15	10 43	0 26	22 42	0 3	22 29	0 27	23 29	0 8	7 19	1 6	24 39	3 43	21 32	21 26	10 17	13 20	1 14
F 14	11 38	16 0	4 58	0 0	4 4	7 16	1 21	10 58	0 27	22 41	0 3	22 29	0 27	23 29	0 8	7 19	1 6	24 39	3 43	21 30	21 25	10 14	13 20	1 14
S 15	11 17	10 12	4 56	0s 3	4 10	7 45	1 26	11 13	0 28	22 40	0 3	22 28	0 27	23 29	0 8	7 18	1 6	24 39	3 43	21 28	21 25	10 11	13 19	1 14
S 16	10 57	3 49	4 34	0 2	4 14	8 15	1 31	11 28	0 29	22 39	0 4	22 28	0 27	23 29	0 8	7 17	1 6	24 39	3 43	21 27	21 24	10 9	13 19	1 15
M17	10 36	2s41	3 52	0n 2	4 18	8 44	1 37	11 43	0 29	22 38	0 4	22 27	0 26	23 29	0 8	7 16	1 6	24 39	3 43	21 25	21 24	10 6	13 19	1 15
T 18	10 15	8 53	2 57	0 9	4 20	9 13	1 42	11 57	0 30	22 36	0 4	22 27	0 26	23 29	0 8	7 15	1 6	24 39	3 43	21 25	21 23	10 3	13 18	1 15
W19	9 54	14 27	1 52	0 21	4 21	9 42	1 48	12 12	0 31	22 35	0 4	22 26	0 26	23 30	0 8	7 14	1 6	24 38	3 44	21 24	21 23	10 0	13 18	1 15
T 20	9 32	19 7	0 42	0 36	4 21	10 10	1 54	12 27	0 32	22 34	0 4	22 26	0 26	23 30	0 8	7 14	1 6	24 38	3 44	21 24	21 22	9 58	13 17	1 15
F 21	9 11	22 39	0s27	0 55	4 18	10 39	1 59	12 41	0 32	22 33	0 4	22 25	0 26	23 30	0 8	7 13	1 6	24 38	3 44	21 24	21 21	9 55	13 17	1 15
S 22	8 49	24 57	1 34	1 18	4 14	11 7	2 5	12 56	0 33	22 32	0 4	22 25	0 26	23 30	0 8	7 12	1 6	24 38	3 44	21 24	21 21	9 52	13 16	1 16
S 23	8 27	25 54	2 34	1 44	4 8	11 35	2 10	13 10	0 34	22 30	0 4	22 24	0 26	23 30	0 8	7 11	1 6	24 38	3 44	21 23	21 20	9 49	13 16	1 16
M24	8 5	25 33	3 26	2 13	4 0	12 2	2 16	13 25	0 34	22 29	0 4	22 24	0 26	23 30	0 8	7 10	1 6	24 38	3 44	21 23	21 20	9 46	13 15	1 16
T 25	7 43	23 57	4 7	2 45	3 50	12 30	2 22	13 39	0 35	22 28	0 5	22 23	0 26	23 30	0 8	7 9	1 6	24 38	3 44	21 21	21 19	9 44	13 15	1 16
W26	7 21	21 18	4 37	3 20	3 38	12 57	2 28	13 53	0 36	22 27	0 5	22 23	0 26	23 30	0 8	7 8	1 6	24 38	3 44	21 20	21 19	9 41	13 14	1 16
T 27	6 59	17 45	4 55	3 56	3 25	13 24	2 33	14 7	0 36	22 25	0 5	22 22	0 26	23 30	0 8	7 8	1 6	24 37	3 45	21 17	21 18	9 38	13 14	1 16
F 28	6 36	13 31	4 59	4 33	3 9	13 51	2 39	14 21	0 37	22 24	0 5	22 22	0 26	23 30	0 8	7 7	1 7	24 37	3 45	21 15	21 18	9 35	13 13	1 17
S 29	6 14	8 47	4 51	5 10	2 53	14 17	2 45	14 35	0 38	22 23	0 5	22 21	0 26	23 30	0 8	7 6	1 7	24 37	3 45	21 12	21 17	9 32	13 13	1 17
S 30	5 51	3 44	4 30	5 47	2 35	14 43	2 50	14 49	0 38	22 22	0 5	22 21	0 26	23 30	0 8	7 5	1 7	24 37	3 45	21 10	21 16	9 29	13 12	1 17
M31	5n28	1n27	3s57	6n22	2s16	15s 9	2s56	15s 3	0s39	22n20	0n 5	22n20	0s26	23n31	0n 8	7n 4	1n 7	24n37	3n45	21n 8	21n16	9s27	13n11	1s17

Julian Day Number = 2248691.5, Delta T = 06m39s
Ecliptic obliquity = 23°30'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'30, Lahiri = 16°06'31 Julian Calendar 1 Aug. 1444 == Greg. Calendar 10 Aug. 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

SEPTEMBER 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 16 2	17♍ 8'29	24♈46	7°R40	3♏30	9♏21	18♋29	14♋10	24♊ 4	14♍44	26♋26	4°R30	5♊19	17♓57	8°R33	T 1
W 2	23 19 59	18° 7'06	6♉48	7♍ 6	4°28	10° 2	18°39	14°15	24° 5	14°46	26°27	4♊24	5°16	18° 3	8♉31	W 2
T 3	23 23 55	19° 5'44	18°58	6°41	5°25	10°43	18°48	14°20	24° 6	14°48	26°28	4°21	5°13	18°10	8°30	T 3
F 4	23 27 52	20° 4'25	1♊21	6°26	6°21	11°25	18°58	14°25	24° 7	14°50	26°29	4°D20	5°10	18°17	8°28	F 4
S 5	23 31 48	21° 3'08	14° 1	6°D20	7°17	12° 6	19° 7	14°29	24° 8	14°53	26°30	4°21	5° 6	18°23	8°26	S 5
S 6	23 35 45	22° 1'53	27° 2	6°23	8°13	12°47	19°16	14°34	24° 9	14°55	26°31	4°R21	5° 3	18°30	8°24	S 6
M 7	23 39 42	23° 0'41	10♋29	6°37	9° 8	13°29	19°26	14°38	24° 9	14°57	26°32	4°19	5° 0	18°37	8°22	M 7
T 8	23 43 38	23°59'31	24°24	7° 1	10° 3	14°10	19°35	14°43	24°10	14°59	26°33	4°16	4°57	18°44	8°20	T 8
W 9	23 47 35	24°58'23	8♌47	7°34	10°57	14°52	19°44	14°47	24°11	15° 1	26°34	4°10	4°54	18°50	8°19	W 9
T 10	23 51 31	25°57'18	23°36	8°16	11°50	15°34	19°52	14°51	24°11	15° 4	26°35	4° 2	4°51	18°57	8°16	T 10
F 11	23 55 28	26°56'14	8♍45	9° 6	12°43	16°16	20° 1	14°55	24°12	15° 6	26°36	3°53	4°47	19° 4	8°14	F 11
S 12	23 59 24	27°55'13	24° 3	10° 5	13°35	16°58	20°10	14°59	24°12	15° 8	26°37	3°43	4°44	19°10	8°12	S 12
S 13	0 3 21	28°54'14	9♎20	11°10	14°27	17°40	20°18	15° 3	24°13	15°10	26°38	3°34	4°41	19°17	8°10	S 13
M14	0 7 17	29°53'17	24°24	12°22	15°18	18°22	20°26	15° 7	24°13	15°12	26°39	3°27	4°38	19°24	8° 8	M14
T 15	0 11 14	0♎52'21	9♏ 6	13°39	16° 9	19° 4	20°34	15°11	24°13	15°15	26°40	3°22	4°35	19°31	8° 6	T 15
W16	0 15 10	1°51'28	23°22	15° 2	16°58	19°46	20°42	15°14	24°14	15°17	26°41	3°19	4°31	19°37	8° 3	W16
T 17	0 19 7	2°50'37	7♐ 9	16°29	17°47	20°29	20°50	15°18	24°14	15°19	26°42	3°D19	4°28	19°44	8° 1	T 17
F 18	0 23 4	3°49'47	20°28	18° 0	18°36	21°11	20°58	15°21	24°14	15°21	26°43	3°20	4°25	19°51	7°59	F 18
S 19	0 27 0	4°48'59	3♑23	19°34	19°23	21°54	21° 6	15°25	24°14	15°23	26°43	3°R20	4°22	19°57	7°56	S 19
S 20	0 30 57	5°48'13	15°56	21°10	20°10	22°36	21°13	15°28	24°14	15°25	26°44	3°20	4°19	20° 4	7°54	S 20
M21	0 34 53	6°47'29	28°14	22°49	20°55	23°19	21°21	15°31	24°R14	15°27	26°45	3°17	4°16	20°11	7°51	M21
T 22	0 38 50	7°46'46	10♒20	24°29	21°40	24° 2	21°28	15°34	24°14	15°30	26°46	3°13	4°12	20°18	7°49	T 22
W23	0 42 46	8°46'05	22°18	26°11	22°24	24°44	21°35	15°37	24°14	15°32	26°46	3° 5	4° 9	20°24	7°46	W23
T 24	0 46 43	9°45'26	4♓11	27°54	23° 7	25°27	21°42	15°40	24°14	15°34	26°47	2°57	4° 6	20°31	7°43	T 24
F 25	0 50 39	10°44'49	16° 3	29°37	23°49	26°10	21°48	15°42	24°14	15°36	26°48	2°47	4° 3	20°38	7°41	F 25
S 26	0 54 36	11°44'14	27°56	1♎21	24°30	26°53	21°55	15°45	24°14	15°38	26°48	2°36	4° 0	20°45	7°38	S 26
S 27	0 58 33	12°43'41	9♈51	3° 5	25° 9	27°37	22° 2	15°48	24°13	15°40	26°49	2°27	3°57	20°51	7°35	S 27
M28	1 2 29	13°43'10	21°50	4°49	25°48	28°20	22° 8	15°50	24°13	15°42	26°49	2°19	3°53	20°58	7°33	M28
T 29	1 6 26	14°42'41	3♉54	6°34	26°25	29° 3	22°14	15°52	24°13	15°44	26°50	2°13	3°50	21° 5	7°30	T 29
W30	1 10 22	15♎42'14	16♉ 5	8♎18	27♏ 2	29♏46	22♋20	15♋55	24♊12	15♍46	26♋50	2♊ 9	3♊47	21♓11	7♉27	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	5n 6	6n38	3s13	6n55	1s56	15s34	3s 2	15s17	0s40	22n19	0n 5	22n20	0s26	23n31	0n 8	7n 3	1n 7	24n37	3n45	21n 6	21n15	9s24	13n11	1s17
W 2	4 43	11 37	2 20	7 26	1 36	15 59	3 8	15 31	0 40	22 18	0 5	22 19	0 26	23 31	0 8	7 2	1 7	24 37	3 45	21 5	21 15	9 21	13 10	1 17
T 3	4 20	16 13	1 21	7 54	1 17	16 24	3 13	15 44	0 41	22 17	0 6	22 19	0 26	23 31	0 8	7 2	1 7	24 37	3 46	21 5	21 14	9 18	13 9	1 17
F 4	3 57	20 14	0 16	8 18	0 57	16 48	3 19	15 58	0 42	22 16	0 6	22 18	0 26	23 31	0 8	7 1	1 7	24 37	3 46	21 5	21 14	9 15	13 9	1 18
S 5	3 33	23 24	0n51	8 38	0 38	17 13	3 25	16 11	0 42	22 14	0 6	22 18	0 25	23 31	0 8	7 0	1 7	24 37	3 46	21 5	21 13	9 13	13 8	1 18
S 6	3 10	25 26	1 57	8 54	0 19	17 36	3 30	16 24	0 43	22 13	0 6	22 18	0 25	23 31	0 8	6 59	1 7	24 37	3 46	21 5	21 12	9 10	13 7	1 18
M 7	2 47	26 5	2 59	9 5	0 2	18 0	3 36	16 37	0 43	22 12	0 6	22 17	0 25	23 31	0 8	6 58	1 7	24 37	3 46	21 4	21 12	9 7	13 6	1 18
T 8	2 24	25 7	3 53	9 11	0n14	18 23	3 42	16 50	0 44	22 11	0 6	22 17	0 25	23 31	0 8	6 57	1 7	24 37	3 46	21 4	21 11	9 4	13 6	1 18
W 9	2 0	22 31	4 34	9 13	0 30	18 45	3 47	17 3	0 45	22 10	0 6	22 16	0 25	23 31	0 8	6 56	1 7	24 36	3 46	21 3	21 11	9 1	13 5	1 18
T 10	1 37	18 22	4 58	9 10	0 44	19 7	3 53	17 16	0 45	22 9	0 6	22 16	0 25	23 31	0 8	6 56	1 7	24 36	3 47	21 1	21 10	8 58	13 4	1 19
F 11	1 13	12 58	5 1	9 3	0 57	19 29	3 58	17 29	0 46	22 7	0 7	22 16	0 25	23 31	0 8	6 55	1 7	24 36	3 47	20 59	21 10	8 55	13 3	1 19
S 12	0 50	6 43	4 44	8 52	1 8	19 50	4 4	17 42	0 46	22 6	0 7	22 15	0 25	23 31	0 8	6 54	1 7	24 36	3 47	20 58	21 9	8 53	13 2	1 19
S 13	0 26	0 4	4 6	8 36	1 18	20 11	4 9	17 54	0 47	22 5	0 7	22 15	0 25	23 31	0 8	6 53	1 7	24 36	3 47	20 56	21 8	8 50	13 2	1 19
M14	0 3	6s31	3 12	8 17	1 27	20 32	4 15	18 6	0 47	22 4	0 7	22 14	0 25	23 31	0 8	6 52	1 7	24 36	3 47	20 54	21 8	8 47	13 1	1 19
T 15	0s21	12 36	2 5	7 54	1 35	20 52	4 20	18 19	0 48	22 3	0 7	22 14	0 25	23 31	0 8	6 51	1 7	24 36	3 47	20 54	21 7	8 44	13 0	1 19
W16	0 44	17 49	0 53	7 28	1 41	21 11	4 25	18 31	0 49	22 2	0 7	22 14	0 25	23 31	0 8	6 51	1 7	24 36	3 48	20 53	21 7	8 41	12 59	1 19
T 17	1 8	21 54	0s20	6 59	1 46	21 30	4 30	18 43	0 49	22 1	0 7	22 13	0 25	23 31	0 8	6 50	1 7	24 36	3 48	20 53	21 6	8 38	12 58	1 20
F 18	1 32	24 40	1 30	6 27	1 50	21 49	4 35	18 54	0 50	22 0	0 7	22 13	0 25	23 31	0 8	6 49	1 7	24 36	3 48	20 53	21 5	8 35	12 57	1 20
S 19	1 55	26 2	2 33	5 53	1 53	22 7	4 40	19 6	0 50	21 59	0 8	22 13	0 25	23 31	0 8	6 48	1 7	24 36	3 48	20 53	21 5	8 33	12 56	1 20
S 20	2 19	25 59	3 27	5 16	1 55	22 25	4 45	19 18	0 51	21 58	0 8	22 12	0 25	23 31	0 8	6 47	1 7	24 36	3 48	20 53	21 4	8 30	12 55	1 20
M21	2 42	24 40	4 10	4 38	1 56	22 42	4 50	19 29	0 51	21 57	0 8	22 12	0 25	23 31	0 8	6 47	1 7	24 36	3 48	20 53	21 4	8 27	12 54	1 20
T 22	3 6	22 13	4 42	3 59	1 56	22 59	4 55	19 40	0 52	21 56	0 8	22 12	0 25	23 31	0 8	6 46	1 7	24 36	3 49	20 52	21 3	8 24	12 53	1 20
W23	3 29	18 51	5 0	3 18	1 56	23 15	5 0	19 51	0 52	21 55	0 8	22 11	0 25	23 31	0 8	6 45	1 7	24 36	3 49	20 50	21 2	8 21	12 52	1 20
T 24	3 53	14 44	5 5	2 35	1 55	23 30	5 4	20 2	0 53	21 54	0 8	22 11	0 24	23 31	0 8	6 44	1 7	24 36	3 49	20 49	21 2	8 18	12 52	1 21
F 25	4 16	10 5	4 57	1 53	1 53	23 45	5 8	20 13	0 53	21 53	0 8	22 11	0 24	23 31	0 8	6 43	1 7	24 36	3 49	20 47	21 1	8 15	12 51	1 21
S 26	4 39	5 3	4 36	1 9	1 50	24 0	5 13	20 24	0 54	21 52	0 9	22 11	0 24	23 31	0 8	6 43	1 7	24 36	3 49	20 45	21 1	8 12	12 50	1 21
S 27	5 3	0n11	4 3	0 25	1 47	24 14	5 17	20 34	0 54	21 51	0 9	22 10	0 24	23 31	0 8	6 42	1 7	24 36	3 49	20 43	21 0	8 9	12 49	1 21
M28	5 26	5 27	3 20	0s20	1 44	24 27	5 21	20 44	0 55	21 50	0 9	22 10	0 24	23 31	0 8	6 41	1 7	24 37	3 50	20 41	21 0	8 7	12 47	1 21
T 29	5 49	10 34	2 26	1 5	1 40	24 40	5 24	20 54	0 55	21 49	0 9	22 10	0 24	23 31	0 8	6 40	1 7	24 37	3 50	20 40	20 59	8 4	12 46	1 21
W30	6s12	15n20	1s26	1s50	1n36	24s52	5s28	21s 4	0s56	21n48	0n 9	22n10	0s24	23n31	0n 8	6n40	1n 7	24n37	3n50	20n39	20n58	8s 1	12n45	1s21

Julian Day Number = 2248722.5, Delta T = 06m39s
Ecliptic obliquity = 23°30'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'34, Lahiri = 16°06'35 Julian Calendar 1 Sept. 1444 == Greg. Calendar 10 Sept. 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

OCTOBER 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 14 19	16♎41'50	28♉25	10♎ 1	27♏36	0♐30	22♋26	15♋57	24°R12	15♑48	26♋51	2°D 8	3♊44	21♓18	7°R24	T 1
F 2	1 18 15	17°41'27	10♊56	11°45	28°10	1°13	22°32	15°59	24♊11	15°50	26°51	2♊ 8	3°41	21°25	7♉21	F 2
S 3	1 22 12	18°41'07	23°41	13°28	28°42	1°57	22°37	16° 1	24°11	15°52	26°52	2° 9	3°37	21°32	7°18	S 3
S 4	1 26 8	19°40'50	6♋44	15°10	29°13	2°41	22°43	16° 2	24°10	15°54	26°52	2°11	3°34	21°38	7°16	S 4
M 5	1 30 5	20°40'34	20° 7	16°52	29°42	3°24	22°48	16° 4	24° 9	15°56	26°53	2°R11	3°31	21°45	7°13	M 5
T 6	1 34 2	21°40'21	3♌53	18°34	0♐10	4° 8	22°53	16° 6	24° 8	15°58	26°53	2°11	3°28	21°52	7°10	T 6
W 7	1 37 58	22°40'10	18° 3	20°15	0°36	4°52	22°58	16° 7	24° 8	15°59	26°53	2° 8	3°25	21°58	7° 7	W 7
T 8	1 41 55	23°40'01	2♍35	21°56	1° 0	5°36	23° 2	16° 8	24° 7	16° 1	26°54	2° 4	3°22	22° 5	7° 4	T 8
F 9	1 45 51	24°39'55	17°25	23°36	1°23	6°20	23° 7	16°10	24° 6	16° 3	26°54	1°59	3°18	22°12	7° 1	F 9
S 10	1 49 48	25°39'51	2♎26	25°15	1°44	7° 4	23°11	16°11	24° 5	16° 5	26°54	1°53	3°15	22°19	6°58	S 10
S 11	1 53 44	26°39'48	17°31	26°54	2° 3	7°49	23°15	16°12	24° 4	16° 7	26°54	1°48	3°12	22°25	6°55	S 11
M12	1 57 41	27°39'48	2♏28	28°33	2°20	8°33	23°19	16°13	24° 3	16° 9	26°55	1°44	3° 9	22°32	6°52	M12
T 13	2 1 37	28°39'50	17° 9	0♏11	2°35	9°17	23°23	16°14	24° 2	16°10	26°55	1°42	3° 6	22°39	6°48	T 13
W14	2 5 34	29°39'53	1♐29	1°48	2°48	10° 2	23°27	16°14	24° 1	16°12	26°55	1°D41	3° 2	22°45	6°45	W14
T 15	2 9 31	0♏39'59	15°22	3°25	2°59	10°46	23°30	16°15	23°59	16°14	26°55	1°41	2°59	22°52	6°42	T 15
F 16	2 13 27	1°40'06	28°48	5° 1	3° 8	11°31	23°34	16°15	23°58	16°16	26°55	1°43	2°56	22°59	6°39	F 16
S 17	2 17 24	2°40'14	11♑49	6°38	3°14	12°15	23°37	16°16	23°57	16°17	26°55	1°45	2°53	23° 6	6°36	S 17
S 18	2 21 20	3°40'24	24°27	8°13	3°18	13° 0	23°40	16°16	23°56	16°19	26°55	1°46	2°50	23°12	6°33	S 18
M19	2 25 17	4°40'36	6♒47	9°48	3°R20	13°45	23°42	16°16	23°54	16°20	26°R55	1°R46	2°47	23°19	6°30	M19
T 20	2 29 13	5°40'49	18°54	11°23	3°20	14°29	23°45	16°R16	23°53	16°22	26°55	1°45	2°43	23°26	6°27	T 20
W21	2 33 10	6°41'04	0♓51	12°58	3°17	15°14	23°47	16°16	23°51	16°24	26°55	1°43	2°40	23°32	6°24	W21
T 22	2 37 6	7°41'20	12°44	14°32	3°11	15°59	23°49	16°16	23°50	16°25	26°55	1°40	2°37	23°39	6°21	T 22
F 23	2 41 3	8°41'38	24°35	16° 5	3° 3	16°44	23°51	16°15	23°48	16°27	26°55	1°36	2°34	23°46	6°17	F 23
S 24	2 45 0	9°41'57	6♈29	17°39	2°53	17°29	23°53	16°15	23°47	16°28	26°55	1°32	2°31	23°53	6°14	S 24
S 25	2 48 56	10°42'18	18°29	19°12	2°40	18°14	23°55	16°14	23°45	16°30	26°55	1°29	2°28	23°59	6°11	S 25
M26	2 52 53	11°42'40	0♉35	20°45	2°25	18°59	23°56	16°14	23°43	16°31	26°55	1°26	2°24	24° 6	6° 8	M26
T 27	2 56 49	12°43'05	12°51	22°17	2° 8	19°45	23°57	16°13	23°42	16°33	26°55	1°24	2°21	24°13	6° 5	T 27
W28	3 0 46	13°43'30	25°17	23°49	1°48	20°30	23°58	16°12	23°40	16°34	26°54	1°D23	2°18	24°19	6° 2	W28
T 29	3 4 42	14°43'58	7♊54	25°21	1°26	21°15	23°59	16°11	23°38	16°35	26°54	1°23	2°15	24°26	5°59	T 29
F 30	3 8 39	15°44'27	20°43	26°53	1° 1	22° 1	23°59	16°10	23°36	16°37	26°54	1°24	2°12	24°33	5°56	F 30
S 31	3 12 35	16♏44'58	3♋45	28♏24	0♐35	22♐46	24♋ 0	16♋ 9	23♊34	16♑38	26♋54	1♊25	2♊ 8	24♓40	5♉53	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	6s35	19n32	0s20	2s35	1n31	25s 3	5s31	21s14	0s56	21n47	0n 9	22n 9	0s24	23n31	0n 8	6n39	1n 7	24n37	3n50	20n39	20n58	7s58	12n44	1s22
F 2	6 58	22 56	0n47	3 20	1 26	25 14	5 34	21 23	0 56	21 47	0 9	22 9	0 24	23 31	0 8	6 38	1 7	24 37	3 50	20 39	20 57	7 55	12 43	1 22
S 3	7 21	25 16	1 54	4 5	1 21	25 25	5 37	21 33	0 57	21 46	0 10	22 9	0 24	23 31	0 8	6 37	1 7	24 37	3 50	20 39	20 57	7 52	12 42	1 22
S 4	7 43	26 17	2 56	4 50	1 15	25 34	5 40	21 42	0 57	21 45	0 10	22 9	0 24	23 31	0 8	6 37	1 7	24 37	3 51	20 40	20 56	7 49	12 41	1 22
M 5	8 6	25 48	3 51	5 35	1 9	25 43	5 43	21 51	0 58	21 44	0 10	22 9	0 24	23 31	0 8	6 36	1 7	24 37	3 51	20 40	20 55	7 46	12 40	1 22
T 6	8 28	23 46	4 34	6 19	1 4	25 52	5 45	21 59	0 58	21 44	0 10	22 9	0 24	23 31	0 8	6 35	1 7	24 37	3 51	20 40	20 55	7 43	12 39	1 22
W 7	8 51	20 14	5 1	7 3	0 57	25 59	5 47	22 8	0 59	21 43	0 10	22 9	0 24	23 31	0 8	6 35	1 7	24 37	3 51	20 39	20 54	7 40	12 38	1 22
T 8	9 13	15 24	5 10	7 47	0 51	26 6	5 49	22 16	0 59	21 42	0 10	22 8	0 24	23 31	0 8	6 34	1 7	24 37	3 51	20 38	20 53	7 37	12 37	1 22
F 9	9 35	9 35	4 59	8 30	0 45	26 13	5 50	22 24	0 59	21 42	0 10	22 8	0 24	23 31	0 8	6 33	1 7	24 37	3 51	20 37	20 53	7 34	12 36	1 22
S 10	9 57	3 7	4 28	9 12	0 38	26 18	5 51	22 32	1 0	21 41	0 11	22 8	0 24	23 31	0 9	6 32	1 7	24 38	3 52	20 36	20 52	7 32	12 35	1 23
S 11	10 19	3s33	3 37	9 54	0 32	26 23	5 52	22 40	1 0	21 41	0 11	22 8	0 24	23 31	0 9	6 32	1 7	24 38	3 52	20 35	20 52	7 29	12 34	1 23
M12	10 40	9 59	2 33	10 36	0 25	26 27	5 53	22 48	1 1	21 40	0 11	22 8	0 23	23 31	0 9	6 31	1 7	24 38	3 52	20 34	20 51	7 26	12 33	1 23
T 13	11 2	15 45	1 19	11 17	0 19	26 30	5 53	22 55	1 1	21 40	0 11	22 8	0 23	23 31	0 9	6 30	1 7	24 38	3 52	20 34	20 50	7 23	12 31	1 23
W14	11 23	20 30	0 1	11 57	0 12	26 32	5 52	23 2	1 1	21 39	0 11	22 8	0 23	23 31	0 9	6 30	1 8	24 38	3 52	20 34	20 50	7 20	12 30	1 23
T 15	11 44	23 56	1s14	12 37	0 5	26 34	5 52	23 9	1 2	21 39	0 11	22 8	0 23	23 31	0 9	6 29	1 8	24 38	3 52	20 34	20 49	7 17	12 29	1 23
F 16	12 5	25 53	2 23	13 16	0s 1	26 34	5 50	23 15	1 2	21 38	0 11	22 8	0 23	23 31	0 9	6 29	1 8	24 38	3 53	20 34	20 49	7 14	12 28	1 23
S 17	12 26	26 21	3 22	13 54	0 8	26 34	5 49	23 22	1 2	21 38	0 12	22 8	0 23	23 31	0 9	6 28	1 8	24 39	3 53	20 34	20 48	7 11	12 27	1 23
S 18	12 47	25 23	4 10	14 31	0 15	26 33	5 47	23 28	1 3	21 38	0 12	22 8	0 23	23 31	0 9	6 27	1 8	24 39	3 53	20 35	20 47	7 8	12 26	1 23
M19	13 7	23 13	4 45	15 8	0 21	26 31	5 44	23 34	1 3	21 37	0 12	22 8	0 23	23 31	0 9	6 27	1 8	24 39	3 53	20 35	20 47	7 5	12 25	1 24
T 20	13 27	20 3	5 6	15 44	0 28	26 28	5 41	23 39	1 3	21 37	0 12	22 8	0 23	23 31	0 9	6 26	1 8	24 39	3 53	20 35	20 46	7 2	12 24	1 24
W21	13 47	16 5	5 14	16 20	0 35	26 23	5 37	23 45	1 4	21 37	0 12	22 8	0 23	23 31	0 9	6 26	1 8	24 39	3 53	20 34	20 45	6 59	12 22	1 24
T 22	14 7	11 32	5 8	16 54	0 41	26 18	5 33	23 50	1 4	21 37	0 12	22 8	0 23	23 31	0 9	6 25	1 8	24 39	3 54	20 34	20 45	6 56	12 21	1 24
F 23	14 27	6 35	4 49	17 28	0 48	26 12	5 28	23 55	1 4	21 36	0 13	22 9	0 23	23 31	0 9	6 24	1 8	24 40	3 54	20 33	20 44	6 53	12 20	1 24
S 24	14 46	1 21	4 18	18 0	0 54	26 4	5 23	24 0	1 4	21 36	0 13	22 9	0 23	23 31	0 9	6 24	1 8	24 40	3 54	20 32	20 44	6 50	12 19	1 24
S 25	15 5	3n57	3 35	18 32	1 0	25 56	5 17	24 4	1 5	21 36	0 13	22 9	0 23	23 31	0 9	6 23	1 8	24 40	3 54	20 31	20 43	6 47	12 18	1 24
M26	15 24	9 11	2 42	19 3	1 6	25 46	5 10	24 8	1 5	21 36	0 13	22 9	0 23	23 31	0 9	6 23	1 8	24 40	3 54	20 31	20 42	6 44	12 17	1 24
T 27	15 42	14 9	1 40	19 33	1 12	25 35	5 3	24 12	1 5	21 36	0 13	22 9	0 23	23 30	0 9	6 22	1 8	24 40	3 55	20 30	20 42	6 41	12 16	1 24
W28	16 0	18 36	0 34	20 3	1 18	25 23	4 55	24 16	1 6	21 36	0 13	22 9	0 23	23 30	0 9	6 22	1 8	24 41	3 55	20 30	20 41	6 38	12 15	1 24
T 29	16 18	22 17	0n36	20 31	1 24	25 10	4 46	24 19	1 6	21 36	0 14	22 9	0 22	23 30	0 9	6 21	1 8	24 41	3 55	20 30	20 40	6 35	12 14	1 24
F 30	16 36	24 56	1 45	20 58	1 29	24 56	4 36	24 22	1 6	21 36	0 14	22 10	0 22	23 30	0 9	6 21	1 8	24 41	3 55	20 30	20 40	6 32	12 13	1 25
S 31	16s54	26n17	2n50	21s24	1s35	24s40	4s26	24s25	1s 6	21n36	0n14	22n10	0s22	23n30	0n 9	6n20	1n 8	24n41	3n55	20n30	20n39	6s29	12n11	1s25

Julian Day Number = 2248752.5, Delta T = 06m39s
Ecliptic obliquity = 23°30'46, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'38, Lahiri = 16°06'39 Julian Calendar 1 Oct. 1444 == Greg. Calendar 10 Oct. 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

NOVEMBER 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 16 32	17♏45'31	17♋ 0	29♏55	0°R 7	23♐32	24♋ 0	16°R 7	23°R32	16♍39	26°R53	1♊26	2♊ 5	24♓46	5°R50	S 1
M 2	3 20 29	18°46'06	0♌31	1♐26	29♏37	24°17	24°R 0	16♋ 6	23♊30	16°41	26♋53	1°27	2° 2	24°53	5♉47	M 2
T 3	3 24 25	19°46'42	14°17	2°56	29° 5	25° 3	24° 0	16° 4	23°28	16°42	26°53	1°R28	1°59	25° 0	5°44	T 3
W 4	3 28 22	20°47'20	28°18	4°26	28°32	25°48	23°59	16° 3	23°26	16°43	26°52	1°28	1°56	25° 6	5°41	W 4
T 5	3 32 18	21°48'00	12♍33	5°56	27°58	26°34	23°59	16° 1	23°24	16°44	26°52	1°27	1°53	25°13	5°38	T 5
F 6	3 36 15	22°48'42	27° 0	7°26	27°23	27°20	23°58	15°59	23°22	16°45	26°51	1°26	1°49	25°20	5°35	F 6
S 7	3 40 11	23°49'25	11♎35	8°55	26°48	28° 6	23°57	15°57	23°20	16°47	26°51	1°25	1°46	25°27	5°32	S 7
S 8	3 44 8	24°50'09	26°13	10°24	26°12	28°52	23°56	15°55	23°18	16°48	26°50	1°24	1°43	25°33	5°29	S 8
M 9	3 48 4	25°50'56	10♏47	11°52	25°35	29°38	23°54	15°53	23°16	16°49	26°50	1°24	1°40	25°40	5°26	M 9
T 10	3 52 1	26°51'44	25°12	13°20	24°59	0♑24	23°53	15°50	23°14	16°50	26°49	1°D24	1°37	25°47	5°23	T 10
W11	3 55 58	27°52'33	9♐20	14°47	24°23	1°10	23°51	15°48	23°11	16°51	26°49	1°24	1°34	25°53	5°20	W11
T 12	3 59 54	28°53'23	23° 9	16°14	23°48	1°56	23°49	15°45	23° 9	16°52	26°48	1°24	1°30	26° 0	5°17	T 12
F 13	4 3 51	29°54'15	6♑36	17°39	23°13	2°42	23°47	15°43	23° 7	16°53	26°47	1°24	1°27	26° 7	5°15	F 13
S 14	4 7 47	0♐55'07	19°40	19° 4	22°39	3°28	23°44	15°40	23° 4	16°54	26°47	1°R24	1°24	26°14	5°12	S 14
S 15	4 11 44	1°56'01	2♒23	20°28	22° 6	4°14	23°42	15°37	23° 2	16°54	26°46	1°24	1°21	26°20	5° 9	S 15
M16	4 15 40	2°56'55	14°47	21°51	21°35	5° 1	23°39	15°34	23° 0	16°55	26°46	1°24	1°18	26°27	5° 7	M16
T 17	4 19 37	3°57'50	26°57	23°13	21° 6	5°47	23°36	15°31	22°57	16°56	26°45	1°24	1°14	26°34	5° 4	T 17
W18	4 23 33	4°58'46	8♓55	24°33	20°38	6°33	23°33	15°28	22°55	16°57	26°44	1°D24	1°11	26°40	5° 1	W18
T 19	4 27 30	5°59'42	20°48	25°51	20°12	7°20	23°30	15°25	22°53	16°58	26°43	1°24	1° 8	26°47	4°59	T 19
F 20	4 31 27	7° 0'39	2♈40	27° 7	19°48	8° 6	23°26	15°22	22°50	16°58	26°43	1°24	1° 5	26°54	4°56	F 20
S 21	4 35 23	8° 1'37	14°35	28°21	19°27	8°53	23°22	15°19	22°48	16°59	26°42	1°25	1° 2	27° 0	4°54	S 21
S 22	4 39 20	9° 2'36	26°37	29°32	19° 8	9°39	23°18	15°15	22°45	17° 0	26°41	1°26	0°59	27° 7	4°51	S 22
M23	4 43 16	10° 3'36	8♉51	0♑39	18°51	10°26	23°14	15°12	22°43	17° 0	26°40	1°27	0°55	27°14	4°49	M23
T 24	4 47 13	11° 4'36	21°17	1°43	18°36	11°12	23°10	15° 8	22°40	17° 1	26°39	1°27	0°52	27°21	4°46	T 24
W25	4 51 9	12° 5'37	3♊59	2°43	18°24	11°59	23° 6	15° 4	22°38	17° 1	26°38	1°R28	0°49	27°27	4°44	W25
T 26	4 55 6	13° 6'39	16°57	3°38	18°15	12°45	23° 1	15° 1	22°35	17° 2	26°37	1°27	0°46	27°34	4°42	T 26
F 27	4 59 2	14° 7'41	0♋10	4°27	18° 7	13°32	22°56	14°57	22°33	17° 2	26°37	1°26	0°43	27°41	4°40	F 27
S 28	5 2 59	15° 8'45	13°37	5°10	18° 3	14°19	22°51	14°53	22°30	17° 3	26°36	1°24	0°40	27°47	4°37	S 28
S 29	5 6 56	16° 9'49	27°18	5°46	18°D 1	15° 6	22°46	14°49	22°28	17° 3	26°35	1°22	0°36	27°54	4°35	S 29
M30	5 10 52	17♐10'54	11♌ 9	6♑14	18♏ 1	15♑52	22♋41	14♋45	22♊25	17♍ 3	26♋34	1♊20	0♊33	28♓ 1	4♉33	M30

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	17s11	26n10	3n46	21s49	1s40	24s24	4s16	24s28	1s 7	21n36	0n14	22n10	0s22	23n30	0n 9	6n20	1n 8	24n41	3n55	20n31	20n39	6s26	12n10	1s25
M 2	17 28	24 31	4 32	22 13	1 45	24 6	4 4	24 30	1 7	21 36	0 14	22 10	0 22	23 30	0 9	6 19	1 8	24 42	3 56	20 31	20 38	6 23	12 9	1 25
T 3	17 44	21 25	5 3	22 36	1 50	23 48	3 52	24 32	1 7	21 37	0 14	22 11	0 22	23 30	0 9	6 19	1 8	24 42	3 56	20 31	20 37	6 20	12 8	1 25
W 4	18 0	17 2	5 16	22 58	1 54	23 28	3 40	24 34	1 7	21 37	0 15	22 11	0 22	23 30	0 9	6 18	1 8	24 42	3 56	20 31	20 37	6 17	12 7	1 25
T 5	18 16	11 39	5 11	23 18	1 58	23 8	3 27	24 36	1 7	21 37	0 15	22 11	0 22	23 30	0 9	6 18	1 8	24 42	3 56	20 31	20 36	6 14	12 6	1 25
F 6	18 32	5 34	4 46	23 38	2 2	22 46	3 13	24 37	1 8	21 37	0 15	22 11	0 22	23 30	0 9	6 18	1 8	24 43	3 56	20 31	20 35	6 11	12 5	1 25
S 7	18 47	0s53	4 2	23 56	2 6	22 24	2 59	24 38	1 8	21 38	0 15	22 12	0 22	23 30	0 9	6 17	1 8	24 43	3 56	20 30	20 35	6 8	12 4	1 25
S 8	19 2	7 19	3 3	24 13	2 10	22 2	2 45	24 38	1 8	21 38	0 15	22 12	0 22	23 29	0 9	6 17	1 9	24 43	3 57	20 30	20 34	6 5	12 3	1 25
M 9	19 17	13 20	1 52	24 28	2 13	21 39	2 30	24 39	1 8	21 39	0 15	22 12	0 22	23 29	0 9	6 16	1 9	24 43	3 57	20 30	20 33	6 2	12 2	1 25
T 10	19 31	18 34	0 34	24 43	2 16	21 15	2 15	24 39	1 8	21 39	0 16	22 13	0 22	23 29	0 9	6 16	1 9	24 44	3 57	20 30	20 33	5 59	12 1	1 25
W11	19 45	22 39	0s44	24 56	2 18	20 51	2 0	24 39	1 9	21 40	0 16	22 13	0 22	23 29	0 9	6 16	1 9	24 44	3 57	20 30	20 32	5 56	12 0	1 25
T 12	19 58	25 18	1 58	25 7	2 20	20 28	1 44	24 39	1 9	21 40	0 16	22 13	0 22	23 29	0 9	6 15	1 9	24 44	3 57	20 30	20 32	5 53	11 59	1 25
F 13	20 12	26 24	3 3	25 17	2 22	20 4	1 29	24 38	1 9	21 41	0 16	22 14	0 21	23 29	0 9	6 15	1 9	24 45	3 57	20 30	20 31	5 50	11 58	1 25
S 14	20 24	25 58	3 57	25 26	2 23	19 40	1 13	24 37	1 9	21 41	0 16	22 14	0 21	23 29	0 9	6 15	1 9	24 45	3 57	20 30	20 30	5 47	11 57	1 26
S 15	20 37	24 11	4 38	25 33	2 24	19 17	0 57	24 36	1 9	21 42	0 16	22 15	0 21	23 29	0 9	6 15	1 9	24 45	3 58	20 30	20 30	5 44	11 56	1 26
M16	20 49	21 17	5 4	25 39	2 24	18 54	0 42	24 34	1 9	21 42	0 17	22 15	0 21	23 29	0 9	6 14	1 9	24 45	3 58	20 30	20 29	5 41	11 55	1 26
T 17	21 0	17 31	5 16	25 44	2 24	18 31	0 27	24 32	1 9	21 43	0 17	22 15	0 21	23 29	0 9	6 14	1 9	24 46	3 58	20 30	20 28	5 38	11 54	1 26
W18	21 12	13 6	5 14	25 46	2 23	18 9	0 12	24 30	1 9	21 44	0 17	22 16	0 21	23 28	0 9	6 14	1 9	24 46	3 58	20 30	20 28	5 35	11 53	1 26
T 19	21 22	8 14	4 59	25 48	2 21	17 48	0n 3	24 28	1 10	21 45	0 17	22 16	0 21	23 28	0 9	6 13	1 9	24 46	3 58	20 30	20 27	5 32	11 52	1 26
F 20	21 33	3 5	4 31	25 48	2 19	17 27	0 18	24 25	1 10	21 45	0 17	22 17	0 21	23 28	0 9	6 13	1 9	24 47	3 58	20 30	20 26	5 29	11 52	1 26
S 21	21 43	2n12	3 52	25 46	2 16	17 8	0 32	24 22	1 10	21 46	0 18	22 17	0 21	23 28	0 9	6 13	1 9	24 47	3 59	20 30	20 26	5 26	11 51	1 26
S 22	21 52	7 29	3 1	25 43	2 12	16 49	0 46	24 19	1 10	21 47	0 18	22 18	0 21	23 28	0 9	6 13	1 9	24 47	3 59	20 31	20 25	5 23	11 50	1 26
M23	22 2	12 34	2 2	25 38	2 7	16 32	1 0	24 16	1 10	21 48	0 18	22 18	0 21	23 28	0 9	6 13	1 9	24 47	3 59	20 31	20 24	5 20	11 49	1 26
T 24	22 10	17 14	0 56	25 32	2 1	16 15	1 13	24 12	1 10	21 49	0 18	22 19	0 21	23 28	0 9	6 12	1 9	24 48	3 59	20 31	20 24	5 17	11 48	1 26
W25	22 19	21 14	0n14	25 24	1 55	16 0	1 25	24 8	1 10	21 50	0 18	22 19	0 20	23 28	0 9	6 12	1 9	24 48	3 59	20 31	20 23	5 14	11 47	1 26
T 26	22 26	24 16	1 25	25 15	1 47	15 45	1 37	24 4	1 10	21 51	0 18	22 20	0 20	23 27	0 9	6 12	1 9	24 48	3 59	20 31	20 22	5 11	11 47	1 26
F 27	22 34	26 3	2 32	25 5	1 38	15 32	1 49	23 59	1 10	21 52	0 19	22 20	0 20	23 27	0 9	6 12	1 9	24 49	3 59	20 31	20 22	5 8	11 46	1 26
S 28	22 41	26 20	3 33	24 53	1 28	15 20	2 0	23 54	1 10	21 53	0 19	22 21	0 20	23 27	0 9	6 12	1 9	24 49	4 0	20 30	20 21	5 5	11 45	1 26
S 29	22 47	25 2	4 22	24 40	1 17	15 9	2 11	23 49	1 10	21 54	0 19	22 21	0 20	23 27	0 9	6 12	1 10	24 49	4 0	20 30	20 20	5 2	11 44	1 26
M30	22s54	22n13	4n56	24s26	1s 5	15s 0	2n21	23s44	1s10	21n55	0n19	22n22	0s20	23n27	0n 9	6n12	1n10	24n50	4n 0	20n29	20n20	4s59	11n43	1s26

Julian Day Number = 2248783.5, Delta T = 06m39s
Ecliptic obliquity = 23°30'45, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'43, Lahiri = 16°06'43 Julian Calendar 1 Nov. 1444 == Greg. Calendar 10 Nov. 1444

ASTRODIENST EPHEMERIS for the year 1444
geocentric

DECEMBER 1444 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 14 49	18♐12'00	25♌ 8	6♑32	18♏ 4	16♑39	22°R36	14°R41	22°R23	17♍ 4	26°R33	1°R19	0♊30	28♓ 8	4°R31	T 1
W 2	5 18 45	19°13'06	9♍13	6°R41	18° 9	17°26	22♋30	14♋37	22♊20	17° 4	26♋32	1♊17	0°27	28°14	4♉29	W 2
T 3	5 22 42	20°14'14	23°23	6°39	18°17	18°13	22°24	14°32	22°17	17° 4	26°31	1°D17	0°24	28°21	4°27	T 3
F 4	5 26 38	21°15'22	7♎34	6°26	18°27	19° 0	22°18	14°28	22°15	17° 5	26°30	1°18	0°20	28°28	4°25	F 4
S 5	5 30 35	22°16'31	21°45	6° 2	18°39	19°47	22°12	14°24	22°12	17° 5	26°28	1°19	0°17	28°34	4°23	S 5
S 6	5 34 32	23°17'41	5♏54	5°25	18°53	20°34	22° 6	14°19	22°10	17° 5	26°27	1°21	0°14	28°41	4°22	S 6
M 7	5 38 28	24°18'51	19°59	4°37	19°10	21°21	22° 0	14°15	22° 7	17° 5	26°26	1°22	0°11	28°48	4°20	M 7
T 8	5 42 25	25°20'02	3♐55	3°39	19°28	22° 8	21°53	14°10	22° 5	17° 5	26°25	1°R22	0° 8	28°55	4°18	T 8
W 9	5 46 21	26°21'14	17°41	2°31	19°49	22°55	21°47	14° 6	22° 2	17° 5	26°24	1°21	0° 5	29° 1	4°17	W 9
T 10	5 50 18	27°22'26	1♑13	1°17	20°11	23°42	21°40	14° 1	21°59	17°R 5	26°23	1°19	0° 1	29° 8	4°15	T 10
F 11	5 54 14	28°23'38	14°29	29♐57	20°35	24°29	21°33	13°56	21°57	17° 5	26°22	1°15	29♉58	29°15	4°14	F 11
S 12	5 58 11	29°24'50	27°27	28°35	21° 1	25°16	21°26	13°52	21°54	17° 5	26°21	1°11	29°55	29°21	4°12	S 12
S 13	6 2 7	0♑26'02	10♒ 9	27°14	21°29	26° 4	21°19	13°47	21°52	17° 5	26°19	1° 5	29°52	29°28	4°11	S 13
M14	6 6 4	1°27'14	22°33	25°56	21°58	26°51	21°12	13°42	21°49	17° 5	26°18	1° 0	29°49	29°35	4° 9	M14
T 15	6 10 1	2°28'26	4♓43	24°43	22°29	27°38	21° 5	13°37	21°47	17° 5	26°17	0°56	29°46	29°41	4° 8	T 15
W16	6 13 57	3°29'37	16°43	23°37	23° 1	28°25	20°57	13°33	21°44	17° 5	26°16	0°53	29°42	29°48	4° 7	W16
T 17	6 17 54	4°30'49	28°36	22°41	23°35	29°12	20°50	13°28	21°42	17° 4	26°15	0°52	29°39	29°55	4° 6	T 17
F 18	6 21 50	5°32'00	10♈27	21°54	24°11	29°59	20°42	13°23	21°39	17° 4	26°13	0°D52	29°36	0♈ 2	4° 5	F 18
S 19	6 25 47	6°33'10	22°21	21°17	24°47	0♒47	20°35	13°18	21°37	17° 4	26°12	0°53	29°33	0° 8	4° 4	S 19
S 20	6 29 43	7°34'21	4♉23	20°50	25°25	1°34	20°27	13°13	21°34	17° 4	26°11	0°54	29°30	0°15	4° 3	S 20
M21	6 33 40	8°35'31	16°38	20°33	26° 4	2°22	20°19	13° 8	21°32	17° 3	26° 9	0°56	29°26	0°22	4° 2	M21
T 22	6 37 36	9°36'40	29°10	20°D26	26°45	3° 9	20°12	13° 3	21°29	17° 3	26° 8	0°R57	29°23	0°28	4° 1	T 22
W23	6 41 33	10°37'50	12♊ 2	20°28	27°26	3°56	20° 4	12°58	21°27	17° 2	26° 7	0°56	29°20	0°35	4° 0	W23
T 24	6 45 30	11°38'58	25°17	20°38	28° 9	4°44	19°56	12°53	21°25	17° 2	26° 6	0°54	29°17	0°42	3°59	T 24
F 25	6 49 26	12°40'07	8♋52	20°56	28°53	5°31	19°48	12°48	21°22	17° 1	26° 4	0°49	29°14	0°48	3°59	F 25
S 26	6 53 23	13°41'15	22°47	21°21	29°38	6°18	19°40	12°43	21°20	17° 1	26° 3	0°43	29°11	0°55	3°58	S 26
S 27	6 57 19	14°42'23	6♌57	21°52	0♐23	7° 6	19°32	12°38	21°18	17° 0	26° 2	0°36	29° 7	1° 2	3°58	S 27
M28	7 1 16	15°43'30	21°18	22°29	1°10	7°53	19°24	12°34	21°15	17° 0	26° 0	0°28	29° 4	1° 9	3°57	M28
T 29	7 5 12	16°44'37	5♍42	23°11	1°58	8°40	19°16	12°29	21°13	16°59	25°59	0°21	29° 1	1°15	3°57	T 29
W30	7 9 9	17°45'44	20° 6	23°58	2°47	9°28	19° 8	12°24	21°11	16°59	25°58	0°16	28°58	1°22	3°56	W30
T 31	7 13 5	18♑46'50	4♎24	24♐48	3♐36	10♒15	19♋ 0	12♋19	21♊ 9	16♍58	25♋56	0♊13	28♉55	1♈29	3♉56	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	22s59	18n 6	5n14	24s12	0s51	14s51	2n31	23s38	1s10	21n56	0n19	22n22	0s20	23n27	0n 9	6n12	1n10	24n50	4n 0	20n29	20n19	4s56	11n43	1s26
W 2	23 4	12 57	5 12	23 56	0 36	14 44	2 40	23 32	1 10	21 57	0 19	22 23	0 20	23 27	0 9	6 11	1 10	24 50	4 0	20 29	20 18	4 53	11 42	1 26
T 3	23 9	7 7	4 52	23 40	0 19	14 37	2 49	23 26	1 10	21 58	0 20	22 23	0 20	23 26	0 9	6 11	1 10	24 51	4 0	20 29	20 18	4 50	11 41	1 26
F 4	23 13	0 53	4 15	23 23	0 2	14 32	2 57	23 19	1 10	21 59	0 20	22 24	0 20	23 26	0 9	6 11	1 10	24 51	4 0	20 29	20 17	4 47	11 41	1 26
S 5	23 17	5s24	3 21	23 5	0n17	14 28	3 5	23 12	1 10	22 0	0 20	22 24	0 20	23 26	0 9	6 11	1 10	24 51	4 1	20 29	20 16	4 44	11 40	1 26
S 6	23 21	11 24	2 16	22 48	0 36	14 25	3 12	23 5	1 10	22 1	0 20	22 25	0 19	23 26	0 9	6 11	1 10	24 52	4 1	20 30	20 16	4 40	11 39	1 26
M 7	23 23	16 47	1 2	22 30	0 56	14 23	3 19	22 58	1 10	22 3	0 20	22 26	0 19	23 26	0 9	6 11	1 10	24 52	4 1	20 30	20 15	4 37	11 39	1 26
T 8	23 26	21 14	0s14	22 12	1 16	14 22	3 25	22 50	1 10	22 4	0 20	22 26	0 19	23 26	0 9	6 11	1 10	24 52	4 1	20 30	20 14	4 34	11 38	1 26
W 9	23 28	24 24	1 28	21 54	1 36	14 21	3 31	22 43	1 10	22 5	0 21	22 27	0 19	23 26	0 9	6 11	1 10	24 53	4 1	20 30	20 14	4 31	11 38	1 26
T 10	23 29	26 7	2 37	21 36	1 55	14 22	3 37	22 35	1 10	22 6	0 21	22 27	0 19	23 25	0 9	6 11	1 10	24 53	4 1	20 29	20 13	4 28	11 37	1 26
F 11	23 30	26 17	3 35	21 19	2 12	14 23	3 42	22 26	1 10	22 8	0 21	22 28	0 19	23 25	0 9	6 11	1 10	24 53	4 1	20 28	20 12	4 25	11 37	1 26
S 12	23 31	24 59	4 20	21 3	2 28	14 25	3 47	22 18	1 10	22 9	0 21	22 29	0 19	23 25	0 9	6 11	1 10	24 54	4 1	20 27	20 12	4 22	11 36	1 26
S 13	23 31	22 26	4 52	20 48	2 41	14 28	3 51	22 9	1 10	22 10	0 21	22 29	0 19	23 25	0 9	6 12	1 10	24 54	4 2	20 26	20 11	4 19	11 36	1 26
M14	23 30	18 54	5 9	20 34	2 53	14 32	3 55	22 0	1 10	22 11	0 21	22 30	0 19	23 25	0 9	6 12	1 10	24 55	4 2	20 25	20 10	4 16	11 35	1 27
T 15	23 29	14 38	5 12	20 23	3 1	14 36	3 59	21 50	1 10	22 13	0 22	22 30	0 19	23 25	0 9	6 12	1 10	24 55	4 2	20 25	20 10	4 13	11 35	1 27
W16	23 28	9 52	5 0	20 14	3 8	14 41	4 2	21 41	1 10	22 14	0 22	22 31	0 18	23 25	0 9	6 12	1 10	24 55	4 2	20 24	20 9	4 10	11 34	1 27
T 17	23 26	4 47	4 37	20 7	3 12	14 46	4 5	21 31	1 9	22 15	0 22	22 31	0 18	23 24	0 9	6 12	1 10	24 56	4 2	20 24	20 8	4 7	11 34	1 27
F 18	23 24	0n27	4 1	20 3	3 13	14 52	4 8	21 21	1 9	22 17	0 22	22 32	0 18	23 24	0 9	6 12	1 10	24 56	4 2	20 24	20 8	4 4	11 34	1 27
S 19	23 21	5 43	3 15	20 1	3 13	14 59	4 10	21 10	1 9	22 18	0 22	22 33	0 18	23 24	0 9	6 12	1 10	24 56	4 2	20 24	20 7	4 1	11 33	1 27
S 20	23 18	10 50	2 20	20 1	3 11	15 6	4 12	21 0	1 9	22 19	0 22	22 33	0 18	23 24	0 9	6 12	1 11	24 57	4 2	20 24	20 6	3 57	11 33	1 27
M21	23 14	15 38	1 17	20 3	3 8	15 13	4 14	20 49	1 9	22 20	0 23	22 34	0 18	23 24	0 9	6 13	1 11	24 57	4 2	20 24	20 6	3 54	11 33	1 27
T 22	23 10	19 53	0 10	20 8	3 3	15 21	4 15	20 38	1 9	22 22	0 23	22 34	0 18	23 24	0 9	6 13	1 11	24 57	4 3	20 25	20 5	3 51	11 32	1 27
W23	23 5	23 18	1n 0	20 14	2 57	15 29	4 17	20 26	1 9	22 23	0 23	22 35	0 18	23 24	0 9	6 13	1 11	24 58	4 3	20 25	20 4	3 48	11 32	1 27
T 24	23 0	25 34	2 8	20 22	2 50	15 37	4 18	20 15	1 9	22 24	0 23	22 36	0 18	23 23	0 9	6 13	1 11	24 58	4 3	20 24	20 3	3 45	11 32	1 27
F 25	22 54	26 23	3 11	20 30	2 42	15 46	4 18	20 3	1 8	22 26	0 23	22 36	0 18	23 23	0 9	6 14	1 11	24 58	4 3	20 23	20 3	3 42	11 31	1 27
S 26	22 48	25 35	4 4	20 40	2 34	15 55	4 19	19 51	1 8	22 27	0 23	22 37	0 17	23 23	0 9	6 14	1 11	24 59	4 3	20 22	20 2	3 39	11 31	1 27
S 27	22 42	23 8	4 42	20 51	2 25	16 4	4 19	19 39	1 8	22 28	0 23	22 37	0 17	23 23	0 9	6 14	1 11	24 59	4 3	20 20	20 1	3 36	11 31	1 27
M28	22 35	19 14	5 4	21 2	2 16	16 14	4 19	19 27	1 8	22 30	0 24	22 38	0 17	23 23	0 9	6 14	1 11	24 59	4 3	20 19	20 1	3 33	11 31	1 27
T 29	22 28	14 11	5 6	21 13	2 7	16 24	4 19	19 14	1 8	22 31	0 24	22 38	0 17	23 23	0 9	6 15	1 11	25 0	4 3	20 17	20 0	3 30	11 31	1 27
W30	22 20	8 22	4 50	21 25	1 58	16 33	4 18	19 1	1 7	22 32	0 24	22 39	0 17	23 23	0 9	6 15	1 11	25 0	4 3	20 16	19 59	3 26	11 31	1 27
T 31	22s12	2n 9	4n15	21s37	1n48	16s43	4n17	18s48	1s 7	22n33	0n24	22n40	0s17	23n22	0n 9	6n15	1n11	25n 0	4n 3	20n16	19n59	3s23	11n31	1s27

Julian Day Number = 2248813.5, Delta T = 06m38s
Ecliptic obliquity = 23°30'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'47, Lahiri = 16°06'47 Julian Calendar 1 Dec. 1444 == Greg. Calendar 10 Dec. 1444