Astrodienst Ephemeris Tables

for the year 1445

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 1445
geocentric

JANUARY 1445 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 17 2	19♑47'56	18♎34	25♐43	4♐26	11♒ 3	18°R52	12°R14	21°R 6	16°R57	25°R55	0°D12	28♉52	1♈35	3°R56	F 1
S 2	7 20 59	20°49'02	2♏34	26°41	5°17	11°50	18♋44	12♋ 9	21♊ 4	16♍56	25♋54	0♊13	28°48	1°42	3♉56	S 2
S 3	7 24 55	21°50'08	16°24	27°42	6° 9	12°37	18°36	12° 4	21° 2	16°56	25°52	0°14	28°45	1°49	3°56	S 3
M 4	7 28 52	22°51'13	0♐ 3	28°46	7° 2	13°25	18°28	11°59	21° 0	16°55	25°51	0°R14	28°42	1°56	3°D56	M 4
T 5	7 32 48	23°52'18	13°33	29°52	7°55	14°12	18°20	11°54	20°58	16°54	25°50	0°14	28°39	2° 2	3°56	T 5
W 6	7 36 45	24°53'22	26°52	1♑ 1	8°49	15° 0	18°12	11°50	20°56	16°53	25°48	0°10	28°36	2° 9	3°56	W 6
T 7	7 40 41	25°54'26	10♑ 0	2°11	9°43	15°47	18° 4	11°45	20°54	16°52	25°47	0° 5	28°32	2°16	3°56	T 7
F 8	7 44 38	26°55'29	22°57	3°24	10°38	16°35	17°56	11°40	20°52	16°51	25°46	29♉56	28°29	2°22	3°56	F 8
S 9	7 48 35	27°56'31	5♒41	4°38	11°34	17°22	17°48	11°36	20°50	16°51	25°44	29°46	28°26	2°29	3°57	S 9
S 10	7 52 31	28°57'32	18°13	5°54	12°30	18° 9	17°40	11°31	20°48	16°50	25°43	29°34	28°23	2°36	3°57	S 10
M11	7 56 28	29°58'32	0♓32	7°11	13°27	18°57	17°32	11°26	20°47	16°49	25°41	29°22	28°20	2°42	3°57	M11
T 12	8 0 24	0♒59'31	12°39	8°30	14°24	19°44	17°25	11°22	20°45	16°48	25°40	29°12	28°17	2°49	3°58	T 12
W13	8 4 21	2° 0'28	24°37	9°50	15°22	20°32	17°17	11°17	20°43	16°46	25°39	29° 3	28°13	2°56	3°58	W13
T 14	8 8 17	3° 1'25	6♈28	11°11	16°20	21°19	17°10	11°13	20°41	16°45	25°37	28°57	28°10	3° 3	3°59	T 14
F 15	8 12 14	4° 2'20	18°17	12°33	17°19	22° 6	17° 2	11° 9	20°40	16°44	25°36	28°53	28° 7	3° 9	4° 0	F 15
S 16	8 16 10	5° 3'14	0♉ 9	13°56	18°18	22°54	16°55	11° 4	20°38	16°43	25°35	28°D52	28° 4	3°16	4° 0	S 16
S 17	8 20 7	6° 4'06	12° 8	15°21	19°18	23°41	16°48	11° 0	20°36	16°42	25°33	28°52	28° 1	3°23	4° 1	S 17
M18	8 24 4	7° 4'57	24°21	16°46	20°18	24°28	16°40	10°56	20°35	16°41	25°32	28°R52	27°58	3°29	4° 2	M18
T 19	8 28 0	8° 5'46	6♊52	18°12	21°18	25°16	16°33	10°52	20°33	16°40	25°31	28°52	27°54	3°36	4° 3	T 19
W20	8 31 57	9° 6'35	19°46	19°39	22°19	26° 3	16°26	10°48	20°32	16°38	25°29	28°50	27°51	3°43	4° 4	W20
T 21	8 35 53	10° 7'21	3♋ 6	21° 7	23°20	26°50	16°20	10°44	20°30	16°37	25°28	28°46	27°48	3°49	4° 5	T 21
F 22	8 39 50	11° 8'06	16°53	22°36	24°22	27°38	16°13	10°40	20°29	16°36	25°27	28°39	27°45	3°56	4° 6	F 22
S 23	8 43 46	12° 8'50	1♌ 6	24° 6	25°24	28°25	16° 6	10°36	20°28	16°35	25°26	28°29	27°42	4° 3	4° 8	S 23
S 24	8 47 43	13° 9'32	15°40	25°37	26°26	29°12	16° 0	10°32	20°26	16°33	25°24	28°18	27°38	4° 9	4° 9	S 24
M25	8 51 39	14°10'13	0♍29	27° 9	27°29	29°59	15°53	10°28	20°25	16°32	25°23	28° 6	27°35	4°16	4°10	M25
T 26	8 55 36	15°10'53	15°22	28°41	28°32	0♓47	15°47	10°25	20°24	16°31	25°22	27°56	27°32	4°23	4°12	T 26
W27	8 59 33	16°11'31	0♎11	0♒14	29°35	1°34	15°41	10°21	20°23	16°29	25°20	27°47	27°29	4°30	4°13	W27
T 28	9 3 29	17°12'08	14°50	1°49	0♑38	2°21	15°35	10°18	20°22	16°28	25°19	27°41	27°26	4°36	4°15	T 28
F 29	9 7 26	18°12'43	29°12	3°24	1°42	3° 8	15°29	10°14	20°21	16°26	25°18	27°38	27°23	4°43	4°16	F 29
S 30	9 11 22	19°13'18	13♏17	5° 0	2°46	3°56	15°24	10°11	20°20	16°25	25°17	27°37	27°19	4°50	4°18	S 30
S 31	9 15 19	20♒13'51	27♏ 2	6♒36	3♑50	4♓43	15♋18	10♋ 8	20♊19	16♍24	25♋16	27♉37	27♉16	4♈56	4♉19	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	22s 3	4s 8	3n25	21s48	1n38	16s53	4n17	18s35	1s 7	22n35	0n24	22n40	0s17	23n22	0n 9	6n15	1n11	25n 1	4n 4	20n15	19n58	3s20	11n31	1s27
S 2	21 54	10 10	2 23	21 59	1 29	17 3	4 16	18 22	1 7	22 36	0 24	22 41	0 17	23 22	0 10	6 16	1 11	25 1	4 4	20 15	19 57	3 17	11 30	1 27
S 3	21 44	15 37	1 14	22 10	1 19	17 13	4 14	18 8	1 7	22 37	0 24	22 41	0 17	23 22	0 10	6 16	1 11	25 1	4 4	20 16	19 57	3 14	11 30	1 27
M 4	21 34	20 12	0 1	22 21	1 10	17 23	4 13	17 54	1 6	22 38	0 25	22 42	0 16	23 22	0 10	6 16	1 11	25 2	4 4	20 16	19 56	3 11	11 30	1 27
T 5	21 24	23 40	1s11	22 31	1 0	17 34	4 11	17 40	1 6	22 40	0 25	22 42	0 16	23 22	0 10	6 17	1 11	25 2	4 4	20 16	19 55	3 8	11 30	1 27
W 6	21 13	25 46	2 18	22 40	0 51	17 44	4 10	17 26	1 6	22 41	0 25	22 43	0 16	23 22	0 10	6 17	1 11	25 2	4 4	20 15	19 54	3 5	11 30	1 27
T 7	21 2	26 24	3 16	22 48	0 42	17 54	4 8	17 12	1 6	22 42	0 25	22 43	0 16	23 21	0 10	6 18	1 11	25 3	4 4	20 14	19 54	3 2	11 31	1 27
F 8	20 50	25 33	4 3	22 56	0 33	18 3	4 6	16 57	1 5	22 43	0 25	22 44	0 16	23 21	0 10	6 18	1 11	25 3	4 4	20 12	19 53	2 58	11 31	1 27
S 9	20 38	23 23	4 38	23 2	0 24	18 13	4 4	16 43	1 5	22 44	0 25	22 45	0 16	23 21	0 10	6 18	1 11	25 3	4 4	20 10	19 52	2 55	11 31	1 27
S 10	20 26	20 8	4 58	23 8	0 15	18 23	4 1	16 28	1 5	22 46	0 25	22 45	0 16	23 21	0 10	6 19	1 11	25 4	4 4	20 7	19 52	2 52	11 31	1 27
M11	20 13	16 2	5 3	23 13	0 6	18 32	3 59	16 13	1 5	22 47	0 25	22 46	0 16	23 21	0 10	6 19	1 12	25 4	4 4	20 5	19 51	2 49	11 31	1 27
T 12	20 0	11 22	4 55	23 16	0s 2	18 41	3 56	15 58	1 4	22 48	0 25	22 46	0 15	23 21	0 10	6 20	1 12	25 4	4 4	20 2	19 50	2 46	11 31	1 27
W13	19 46	6 20	4 34	23 19	0 10	18 50	3 53	15 42	1 4	22 49	0 26	22 47	0 15	23 21	0 10	6 20	1 12	25 5	4 4	20 0	19 50	2 43	11 31	1 27
T 14	19 33	1 7	4 1	23 21	0 18	18 59	3 51	15 27	1 4	22 50	0 26	22 47	0 15	23 21	0 10	6 21	1 12	25 5	4 4	19 59	19 49	2 40	11 32	1 27
F 15	19 18	4n 8	3 18	23 21	0 26	19 8	3 48	15 11	1 3	22 51	0 26	22 48	0 15	23 20	0 10	6 21	1 12	25 5	4 5	19 58	19 48	2 37	11 32	1 27
S 16	19 4	9 16	2 27	23 20	0 33	19 16	3 45	14 55	1 3	22 52	0 26	22 48	0 15	23 20	0 10	6 22	1 12	25 6	4 5	19 58	19 47	2 33	11 32	1 27
S 17	18 49	14 8	1 28	23 18	0 41	19 24	3 41	14 39	1 3	22 53	0 26	22 49	0 15	23 20	0 10	6 22	1 12	25 6	4 5	19 58	19 47	2 30	11 32	1 27
M18	18 34	18 32	0 24	23 15	0 48	19 32	3 38	14 23	1 2	22 54	0 26	22 49	0 15	23 20	0 10	6 23	1 12	25 6	4 5	19 58	19 46	2 27	11 33	1 27
T 19	18 18	22 13	0n42	23 10	0 55	19 39	3 35	14 7	1 2	22 55	0 26	22 49	0 15	23 20	0 10	6 23	1 12	25 7	4 5	19 58	19 45	2 24	11 33	1 27
W20	18 2	24 55	1 49	23 5	1 1	19 46	3 31	13 50	1 2	22 56	0 26	22 50	0 14	23 20	0 10	6 24	1 12	25 7	4 5	19 58	19 45	2 21	11 33	1 27
T 21	17 46	26 19	2 51	22 57	1 7	19 53	3 28	13 34	1 1	22 57	0 26	22 50	0 14	23 20	0 10	6 24	1 12	25 7	4 5	19 57	19 44	2 18	11 34	1 27
F 22	17 29	26 10	3 45	22 49	1 13	20 0	3 24	13 17	1 1	22 58	0 27	22 51	0 14	23 20	0 10	6 25	1 12	25 7	4 5	19 55	19 43	2 15	11 34	1 27
S 23	17 12	24 19	4 28	22 39	1 19	20 6	3 20	13 1	1 1	22 59	0 27	22 51	0 14	23 20	0 10	6 25	1 12	25 8	4 5	19 53	19 42	2 12	11 34	1 27
S 24	16 55	20 51	4 54	22 28	1 25	20 11	3 17	12 44	1 0	23 0	0 27	22 52	0 14	23 20	0 10	6 26	1 12	25 8	4 5	19 51	19 42	2 8	11 35	1 27
M25	16 38	16 1	5 1	22 16	1 30	20 17	3 13	12 27	1 0	23 0	0 27	22 52	0 14	23 19	0 10	6 26	1 12	25 8	4 5	19 48	19 41	2 5	11 35	1 27
T 26	16 20	10 12	4 47	22 2	1 35	20 22	3 9	12 10	1 0	23 1	0 27	22 52	0 14	23 19	0 10	6 27	1 12	25 9	4 5	19 46	19 40	2 2	11 36	1 27
W27	16 2	3 49	4 15	21 46	1 39	20 26	3 5	11 52	0 59	23 2	0 27	22 53	0 14	23 19	0 10	6 27	1 12	25 9	4 5	19 44	19 39	1 59	11 36	1 27
T 28	15 44	2s42	3 26	21 30	1 43	20 30	3 1	11 35	0 59	23 3	0 27	22 53	0 14	23 19	0 10	6 28	1 12	25 9	4 5	19 42	19 39	1 56	11 37	1 27
F 29	15 25	8 59	2 24	21 12	1 47	20 34	2 57	11 18	0 59	23 4	0 27	22 54	0 13	23 19	0 10	6 28	1 12	25 9	4 5	19 42	19 38	1 53	11 37	1 27
S 30	15 6	14 41	1 15	20 52	1 51	20 37	2 52	11 0	0 58	23 4	0 27	22 54	0 13	23 19	0 10	6 29	1 12	25 10	4 5	19 41	19 37	1 49	11 38	1 27
S 31	14s47	19s30	0n 3	20s31	1s54	20s39	2n48	10s42	0s58	23n 5	0n27	22n54	0s13	23n19	0n10	6n30	1n12	25n10	4n 5	19n41	19n37	1s46	11n38	1s27

Julian Day Number = 2248844.5, Delta T = 06m38s
Ecliptic obliquity = 23°30'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'51, Lahiri = 16°06'52 Julian Calendar 1 Jan. 1445 == Greg. Calendar 10 Jan. 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

FEBRUARY 1445 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 19 15	21♒14'23	10♐30	8♒14	4♑55	5♓30	15°R13	10°R 5	20°R18	16°R22	25°R14	27°R37	27♉13	5♈ 3	4♉21	M 1
T 2	9 23 12	22°14'54	23°42	9°53	6° 0	6°17	15♋ 8	10♋ 2	20♊17	16♍21	25♋13	27♉35	27°10	5°10	4°23	T 2
W 3	9 27 8	23°15'24	6♑41	11°32	7° 5	7° 4	15° 3	9°59	20°16	16°19	25°12	27°30	27° 7	5°16	4°25	W 3
T 4	9 31 5	24°15'52	19°29	13°13	8°10	7°51	14°58	9°56	20°15	16°18	25°11	27°22	27° 4	5°23	4°27	T 4
F 5	9 35 2	25°16'19	2♒ 6	14°54	9°16	8°38	14°53	9°53	20°15	16°16	25°10	27°12	27° 0	5°30	4°29	F 5
S 6	9 38 58	26°16'44	14°33	16°37	10°21	9°25	14°49	9°51	20°14	16°15	25° 9	26°59	26°57	5°37	4°31	S 6
S 7	9 42 55	27°17'07	26°50	18°20	11°27	10°12	14°44	9°48	20°13	16°13	25° 7	26°44	26°54	5°43	4°33	S 7
M 8	9 46 51	28°17'28	8♓59	20° 4	12°33	10°59	14°40	9°46	20°13	16°12	25° 6	26°29	26°51	5°50	4°35	M 8
T 9	9 50 48	29°17'48	21° 0	21°50	13°40	11°46	14°36	9°43	20°12	16°10	25° 5	26°16	26°48	5°57	4°37	T 9
W10	9 54 44	0♓18'06	2♈54	23°36	14°46	12°33	14°33	9°41	20°12	16° 8	25° 4	26° 4	26°44	6° 3	4°39	W10
T 11	9 58 41	1°18'22	14°43	25°23	15°53	13°20	14°29	9°39	20°12	16° 7	25° 3	25°55	26°41	6°10	4°42	T 11
F 12	10 2 37	2°18'36	26°31	27°12	17° 0	14° 7	14°26	9°37	20°11	16° 5	25° 2	25°50	26°38	6°17	4°44	F 12
S 13	10 6 34	3°18'47	8♉22	29° 1	18° 7	14°54	14°22	9°35	20°11	16° 4	25° 1	25°47	26°35	6°23	4°46	S 13
S 14	10 10 30	4°18'57	20°19	0♓51	19°14	15°41	14°19	9°33	20°11	16° 2	25° 0	25°46	26°32	6°30	4°49	S 14
M15	10 14 27	5°19'05	2♊28	2°43	20°21	16°27	14°16	9°31	20°11	16° 0	24°59	25°45	26°29	6°37	4°51	M15
T 16	10 18 24	6°19'11	14°55	4°35	21°29	17°14	14°14	9°30	20°11	15°59	24°58	25°45	26°25	6°43	4°54	T 16
W17	10 22 20	7°19'14	27°44	6°29	22°36	18° 1	14°11	9°28	20°10	15°57	24°57	25°44	26°22	6°50	4°56	W17
T 18	10 26 17	8°19'16	11♋ 1	8°23	23°44	18°48	14° 9	9°27	20°D10	15°55	24°56	25°40	26°19	6°57	4°59	T 18
F 19	10 30 13	9°19'15	24°47	10°18	24°52	19°34	14° 7	9°26	20°11	15°54	24°55	25°34	26°16	7° 4	5° 2	F 19
S 20	10 34 10	10°19'12	9♌ 3	12°14	26° 0	20°21	14° 5	9°24	20°11	15°52	24°54	25°25	26°13	7°10	5° 5	S 20
S 21	10 38 6	11°19'07	23°46	14°11	27° 8	21° 7	14° 3	9°23	20°11	15°50	24°53	25°15	26°10	7°17	5° 7	S 21
M22	10 42 3	12°19'00	8♍48	16° 9	28°16	21°54	14° 2	9°22	20°11	15°49	24°53	25° 4	26° 6	7°24	5°10	M22
T 23	10 46 0	13°18'50	24° 0	18° 7	29°25	22°40	14° 0	9°21	20°11	15°47	24°52	24°53	26° 3	7°30	5°13	T 23
W24	10 49 56	14°18'39	9♎11	20° 5	0♒33	23°27	13°59	9°21	20°12	15°46	24°51	24°45	26° 0	7°37	5°16	W24
T 25	10 53 53	15°18'26	24°12	22° 4	1°42	24°13	13°58	9°20	20°12	15°44	24°50	24°39	25°57	7°44	5°19	T 25
F 26	10 57 49	16°18'11	8♏53	24° 2	2°51	25° 0	13°58	9°20	20°12	15°42	24°49	24°36	25°54	7°50	5°22	F 26
S 27	11 1 46	17°17'55	23°12	26° 0	3°59	25°46	13°57	9°19	20°13	15°41	24°49	24°D35	25°50	7°57	5°25	S 27
S 28	11 5 42	18♓17'36	7♐ 6	27♓58	5♒ 8	26♓32	13♋57	9♋19	20♊13	15♍39	24♋48	24♉36	25♉47	8♈ 4	5♉28	S 28

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	14s28	23s12	1s 8	20s 9	1s57	20s42	2n44	10s25	0s57	23n 6	0n27	22n55	0s13	23n19	0n10	6n30	1n12	25n10	4n 5	19n41	19n36	1s43	11n39	1s27
T 2	14 8	25 35	2 13	19 45	2 0	20 43	2 40	10 7	0 57	23 6	0 27	22 55	0 13	23 19	0 10	6 31	1 12	25 10	4 5	19 41	19 35	1 40	11 40	1 27
W 3	13 48	26 31	3 10	19 19	2 2	20 44	2 35	9 49	0 57	23 7	0 27	22 55	0 13	23 19	0 10	6 31	1 12	25 11	4 5	19 40	19 34	1 37	11 40	1 27
T 4	13 28	26 0	3 57	18 52	2 3	20 45	2 31	9 31	0 56	23 8	0 28	22 56	0 13	23 19	0 10	6 32	1 12	25 11	4 5	19 38	19 34	1 34	11 41	1 27
F 5	13 8	24 10	4 32	18 24	2 5	20 45	2 26	9 13	0 56	23 8	0 28	22 56	0 13	23 19	0 10	6 33	1 12	25 11	4 5	19 36	19 33	1 31	11 42	1 27
S 6	12 48	21 10	4 52	17 54	2 6	20 45	2 22	8 55	0 55	23 9	0 28	22 56	0 12	23 19	0 10	6 33	1 12	25 11	4 5	19 33	19 32	1 27	11 42	1 27
S 7	12 27	17 17	4 59	17 23	2 6	20 44	2 17	8 37	0 55	23 9	0 28	22 57	0 12	23 19	0 10	6 34	1 12	25 12	4 5	19 29	19 31	1 24	11 43	1 27
M 8	12 6	12 44	4 52	16 50	2 7	20 43	2 13	8 18	0 54	23 10	0 28	22 57	0 12	23 19	0 10	6 35	1 12	25 12	4 5	19 26	19 31	1 21	11 44	1 27
T 9	11 45	7 45	4 32	16 16	2 6	20 41	2 8	8 0	0 54	23 10	0 28	22 57	0 12	23 19	0 10	6 35	1 12	25 12	4 5	19 23	19 30	1 18	11 44	1 27
W10	11 24	2 31	4 1	15 40	2 6	20 38	2 4	7 42	0 53	23 11	0 28	22 58	0 12	23 19	0 10	6 36	1 12	25 12	4 5	19 20	19 29	1 15	11 45	1 27
T 11	11 3	2n46	3 19	15 3	2 4	20 35	1 59	7 23	0 53	23 11	0 28	22 58	0 12	23 19	0 10	6 36	1 12	25 12	4 5	19 18	19 29	1 12	11 46	1 27
F 12	10 41	7 58	2 28	14 24	2 3	20 32	1 55	7 5	0 53	23 12	0 28	22 58	0 12	23 19	0 10	6 37	1 12	25 13	4 5	19 16	19 28	1 8	11 47	1 27
S 13	10 19	12 54	1 31	13 44	2 1	20 28	1 50	6 46	0 52	23 12	0 28	22 58	0 12	23 19	0 10	6 38	1 13	25 13	4 5	19 16	19 27	1 5	11 47	1 27
S 14	9 57	17 25	0 29	13 2	1 58	20 23	1 46	6 27	0 52	23 12	0 28	22 59	0 11	23 18	0 10	6 38	1 13	25 13	4 5	19 15	19 26	1 2	11 48	1 27
M15	9 35	21 18	0n35	12 19	1 55	20 18	1 41	6 9	0 51	23 13	0 28	22 59	0 11	23 18	0 10	6 39	1 13	25 13	4 5	19 15	19 26	0 59	11 49	1 27
T 16	9 13	24 18	1 40	11 35	1 51	20 12	1 37	5 50	0 51	23 13	0 28	22 59	0 11	23 18	0 10	6 40	1 13	25 13	4 5	19 15	19 25	0 56	11 50	1 27
W17	8 51	26 10	2 41	10 49	1 47	20 6	1 32	5 31	0 50	23 13	0 28	22 59	0 11	23 18	0 10	6 40	1 13	25 14	4 5	19 15	19 24	0 53	11 51	1 27
T 18	8 28	26 38	3 35	10 2	1 42	19 59	1 27	5 13	0 50	23 14	0 28	23 0	0 11	23 18	0 10	6 41	1 13	25 14	4 5	19 14	19 23	0 49	11 52	1 27
F 19	8 6	25 29	4 20	9 13	1 37	19 52	1 23	4 54	0 49	23 14	0 28	23 0	0 11	23 18	0 10	6 42	1 13	25 14	4 5	19 13	19 23	0 46	11 53	1 27
S 20	7 43	22 42	4 49	8 23	1 31	19 44	1 18	4 35	0 49	23 14	0 28	23 0	0 11	23 18	0 10	6 42	1 13	25 14	4 5	19 11	19 22	0 43	11 53	1 27
S 21	7 20	18 22	5 1	7 32	1 24	19 35	1 14	4 16	0 48	23 14	0 28	23 0	0 11	23 19	0 10	6 43	1 13	25 14	4 5	19 8	19 21	0 40	11 54	1 27
M22	6 58	12 49	4 53	6 40	1 17	19 26	1 9	3 57	0 48	23 15	0 28	23 0	0 10	23 19	0 10	6 44	1 13	25 14	4 5	19 5	19 20	0 37	11 55	1 27
T 23	6 35	6 25	4 24	5 47	1 9	19 17	1 5	3 38	0 47	23 15	0 29	23 1	0 10	23 19	0 10	6 44	1 13	25 14	4 5	19 3	19 20	0 34	11 56	1 27
W24	6 12	0s20	3 36	4 53	1 1	19 7	1 0	3 19	0 47	23 15	0 29	23 1	0 10	23 19	0 10	6 45	1 13	25 15	4 5	19 1	19 19	0 30	11 57	1 27
T 25	5 48	7 2	2 34	3 58	0 52	18 56	0 56	3 1	0 46	23 15	0 29	23 1	0 10	23 19	0 10	6 46	1 13	25 15	4 5	18 59	19 18	0 27	11 58	1 27
F 26	5 25	13 12	1 22	3 2	0 43	18 45	0 51	2 42	0 46	23 15	0 29	23 1	0 10	23 19	0 10	6 46	1 13	25 15	4 5	18 59	19 17	0 24	11 59	1 27
S 27	5 2	18 31	0 7	2 6	0 33	18 33	0 47	2 23	0 45	23 15	0 29	23 1	0 10	23 19	0 10	6 47	1 13	25 15	4 5	18 58	19 17	0 21	12 0	1 27
S 28	4s39	22s39	1s 6	1s 9	0s23	18s21	0n43	2s 4	0s45	23n15	0n29	23n 1	0s10	23n19	0n10	6n48	1n13	25n15	4n 5	18n59	19n16	0s18	12n 1	1s27

Julian Day Number = 2248875.5, Delta T = 06m38s
Ecliptic obliquity = 23°30'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'55, Lahiri = 16°06'56 Julian Calendar 1 Feb. 1445 == Greg. Calendar 10 Feb. 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

MARCH 1445 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 9 39	19♓17'16	20♐36	29♓55	6♒18	27♓19	13°D57	9°R19	20♊14	15°R37	24°R47	24°R36	25♉44	8♈10	5♉31	M 1
T 2	11 13 35	20°16'55	3♑45	1♈51	7°27	28° 5	13♋57	9°D19	20°15	15♍36	24♋46	24♉35	25°41	8°17	5°34	T 2
W 3	11 17 32	21°16'32	16°35	3°45	8°36	28°51	13°57	9♋19	20°15	15°34	24°46	24°32	25°38	8°24	5°38	W 3
T 4	11 21 28	22°16'06	29°10	5°37	9°45	29°37	13°57	9°19	20°16	15°32	24°45	24°27	25°35	8°30	5°41	T 4
F 5	11 25 25	23°15'39	11♒33	7°27	10°55	0♈23	13°58	9°19	20°17	15°31	24°45	24°19	25°31	8°37	5°44	F 5
S 6	11 29 22	24°15'10	23°46	9°14	12° 4	1°10	13°59	9°19	20°18	15°29	24°44	24° 8	25°28	8°44	5°48	S 6
S 7	11 33 18	25°14'39	5♓52	10°58	13°14	1°56	14° 0	9°20	20°19	15°27	24°43	23°57	25°25	8°51	5°51	S 7
M 8	11 37 15	26°14'06	17°50	12°38	14°24	2°42	14° 1	9°20	20°20	15°26	24°43	23°46	25°22	8°57	5°54	M 8
T 9	11 41 11	27°13'31	29°44	14°13	15°34	3°28	14° 2	9°21	20°21	15°24	24°42	23°35	25°19	9° 4	5°58	T 9
W10	11 45 8	28°12'54	11♈35	15°45	16°43	4°13	14° 4	9°22	20°22	15°22	24°42	23°26	25°15	9°11	6° 1	W10
T 11	11 49 4	29°12'15	23°23	17°11	17°53	4°59	14° 6	9°23	20°23	15°21	24°41	23°19	25°12	9°17	6° 5	T 11
F 12	11 53 1	0♈11'34	5♉12	18°32	19° 3	5°45	14° 8	9°24	20°24	15°19	24°41	23°15	25° 9	9°24	6° 8	F 12
S 13	11 56 57	1°10'50	17° 5	19°47	20°14	6°31	14°10	9°25	20°25	15°18	24°40	23°13	25° 6	9°31	6°12	S 13
S 14	12 0 54	2°10'04	29° 4	20°57	21°24	7°17	14°12	9°26	20°26	15°16	24°40	23°D13	25° 3	9°37	6°15	S 14
M15	12 4 51	3° 9'16	11♊14	22° 0	22°34	8° 2	14°15	9°28	20°28	15°14	24°40	23°14	25° 0	9°44	6°19	M15
T 16	12 8 47	4° 8'26	23°40	22°57	23°44	8°48	14°17	9°29	20°29	15°13	24°39	23°15	24°56	9°51	6°23	T 16
W17	12 12 44	5° 7'33	6♋26	23°47	24°54	9°34	14°20	9°31	20°30	15°11	24°39	23°R15	24°53	9°57	6°26	W17
T 18	12 16 40	6° 6'38	19°36	24°31	26° 5	10°19	14°23	9°32	20°32	15°10	24°39	23°15	24°50	10° 4	6°30	T 18
F 19	12 20 37	7° 5'41	3♌15	25° 8	27°15	11° 5	14°26	9°34	20°33	15° 8	24°38	23°12	24°47	10°11	6°34	F 19
S 20	12 24 33	8° 4'41	17°22	25°38	28°26	11°50	14°30	9°36	20°35	15° 7	24°38	23° 7	24°44	10°17	6°38	S 20
S 21	12 28 30	9° 3'39	1♍58	26° 1	29°36	12°36	14°33	9°38	20°37	15° 5	24°38	23° 1	24°41	10°24	6°42	S 21
M22	12 32 26	10° 2'35	16°56	26°17	0♓47	13°21	14°37	9°40	20°38	15° 4	24°38	22°55	24°37	10°31	6°45	M22
T 23	12 36 23	11° 1'28	2♎ 9	26°26	1°58	14° 6	14°41	9°43	20°40	15° 2	24°38	22°48	24°34	10°37	6°49	T 23
W24	12 40 20	12° 0'19	17°27	26°R29	3° 8	14°52	14°45	9°45	20°42	15° 1	24°37	22°43	24°31	10°44	6°53	W24
T 25	12 44 16	12°59'09	2♏38	26°25	4°19	15°37	14°49	9°47	20°43	14°59	24°37	22°40	24°28	10°51	6°57	T 25
F 26	12 48 13	13°57'56	17°34	26°15	5°30	16°22	14°54	9°50	20°45	14°58	24°37	22°D39	24°25	10°58	7° 1	F 26
S 27	12 52 9	14°56'42	2♐ 7	25°59	6°41	17° 7	14°58	9°52	20°47	14°57	24°37	22°39	24°21	11° 4	7° 5	S 27
S 28	12 56 6	15°55'26	16°14	25°38	7°52	17°52	15° 3	9°55	20°49	14°55	24°37	22°40	24°18	11°11	7° 9	S 28
M29	13 0 2	16°54'08	29°54	25°11	9° 3	18°37	15° 8	9°58	20°51	14°54	24°D37	22°41	24°15	11°18	7°13	M29
T 30	13 3 59	17°52'49	13♑ 9	24°41	10°14	19°22	15°13	10° 1	20°53	14°53	24°37	22°R42	24°12	11°24	7°17	T 30
W31	13 7 55	18♈51'28	26♑ 1	24♈ 6	11♓25	20♈ 7	15♋18	10♋ 4	20♊55	14♍51	24♋37	22♉42	24♉ 9	11♈31	7♉21	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	4s15	25s24	2s14	0s13	0s12	18s 8	0n38	1s45	0s44	23n15	0n29	23n 2	0s10	23n19	0n10	6n48	1n13	25n15	4n 5	18n59	19n15	0s14	12n 2	1s27
T 2	3 52	26 40	3 13	0n44	0 1	17 55	0 34	1 26	0 44	23 15	0 29	23 2	0 9	23 19	0 10	6 49	1 13	25 15	4 5	18 58	19 14	0 11	12 3	1 27
W 3	3 28	26 27	4 0	1 40	0n11	17 41	0 30	1 7	0 43	23 15	0 29	23 2	0 9	23 19	0 10	6 49	1 13	25 15	4 5	18 58	19 14	0 8	12 4	1 27
T 4	3 5	24 52	4 35	2 35	0 23	17 27	0 26	0 48	0 43	23 15	0 29	23 2	0 9	23 19	0 10	6 50	1 13	25 16	4 5	18 56	19 13	0 5	12 5	1 27
F 5	2 41	22 7	4 56	3 30	0 35	17 12	0 21	0 29	0 42	23 15	0 29	23 2	0 9	23 19	0 10	6 51	1 13	25 16	4 5	18 54	19 12	0 2	12 6	1 27
S 6	2 17	18 24	5 4	4 24	0 48	16 57	0 17	0 10	0 41	23 15	0 29	23 2	0 9	23 19	0 10	6 51	1 13	25 16	4 5	18 52	19 11	0n 1	12 7	1 27
S 7	1 54	13 59	4 57	5 16	1 0	16 41	0 13	0n 9	0 41	23 15	0 29	23 2	0 9	23 19	0 10	6 52	1 13	25 16	4 5	18 49	19 11	0 5	12 9	1 27
M 8	1 30	9 5	4 38	6 7	1 12	16 25	0 9	0 27	0 40	23 15	0 29	23 2	0 9	23 19	0 10	6 53	1 13	25 16	4 5	18 46	19 10	0 8	12 10	1 27
T 9	1 6	3 52	4 6	6 56	1 25	16 8	0 5	0 46	0 40	23 15	0 29	23 2	0 9	23 19	0 10	6 53	1 13	25 16	4 5	18 44	19 9	0 11	12 11	1 27
W10	0 43	1n28	3 24	7 42	1 37	15 51	0 1	1 5	0 39	23 15	0 29	23 2	0 9	23 19	0 10	6 54	1 13	25 16	4 5	18 41	19 8	0 14	12 12	1 27
T 11	0 19	6 45	2 33	8 27	1 49	15 33	0s 3	1 24	0 39	23 15	0 29	23 2	0 8	23 19	0 10	6 55	1 13	25 16	4 5	18 40	19 7	0 17	12 13	1 27
F 12	0n 5	11 48	1 35	9 8	2 0	15 15	0 6	1 43	0 38	23 15	0 29	23 2	0 8	23 19	0 10	6 55	1 13	25 16	4 5	18 39	19 7	0 21	12 14	1 27
S 13	0 28	16 28	0 33	9 47	2 11	14 57	0 10	2 1	0 38	23 14	0 29	23 2	0 8	23 20	0 10	6 56	1 13	25 16	4 5	18 38	19 6	0 24	12 15	1 27
S 14	0 52	20 31	0n32	10 23	2 22	14 38	0 14	2 20	0 37	23 14	0 29	23 3	0 8	23 20	0 10	6 56	1 13	25 16	4 5	18 38	19 5	0 27	12 16	1 27
M15	1 15	23 46	1 36	10 56	2 31	14 19	0 18	2 39	0 36	23 14	0 29	23 3	0 8	23 20	0 10	6 57	1 13	25 16	4 5	18 38	19 4	0 30	12 18	1 27
T 16	1 39	25 58	2 37	11 26	2 40	13 59	0 21	2 57	0 36	23 14	0 29	23 3	0 8	23 20	0 10	6 58	1 13	25 16	4 5	18 39	19 4	0 33	12 19	1 27
W17	2 3	26 53	3 32	11 52	2 48	13 39	0 25	3 16	0 35	23 13	0 29	23 3	0 8	23 20	0 10	6 58	1 13	25 16	4 5	18 39	19 3	0 37	12 20	1 27
T 18	2 26	26 19	4 18	12 15	2 55	13 18	0 28	3 34	0 35	23 13	0 29	23 3	0 8	23 20	0 10	6 59	1 13	25 16	4 5	18 38	19 2	0 40	12 21	1 27
F 19	2 49	24 12	4 50	12 34	3 1	12 57	0 32	3 53	0 34	23 13	0 29	23 3	0 7	23 20	0 10	6 59	1 13	25 16	4 5	18 38	19 1	0 43	12 22	1 28
S 20	3 13	20 33	5 7	12 49	3 6	12 36	0 35	4 11	0 33	23 12	0 29	23 2	0 7	23 20	0 10	7 0	1 13	25 16	4 5	18 37	19 1	0 46	12 24	1 28
S 21	3 36	15 33	5 5	13 1	3 10	12 14	0 38	4 29	0 33	23 12	0 29	23 2	0 7	23 20	0 10	7 1	1 13	25 16	4 5	18 35	19 0	0 49	12 25	1 28
M22	3 59	9 30	4 42	13 9	3 12	11 52	0 41	4 47	0 32	23 12	0 29	23 2	0 7	23 21	0 10	7 1	1 13	25 16	4 5	18 33	18 59	0 53	12 26	1 28
T 23	4 23	2 48	4 0	13 14	3 13	11 30	0 45	5 6	0 32	23 11	0 29	23 2	0 7	23 21	0 10	7 2	1 13	25 16	4 5	18 32	18 58	0 56	12 27	1 28
W24	4 46	4s 6	2 59	13 15	3 13	11 7	0 48	5 24	0 31	23 11	0 29	23 2	0 7	23 21	0 10	7 2	1 13	25 16	4 5	18 31	18 57	0 59	12 28	1 28
T 25	5 9	10 45	1 47	13 11	3 11	10 44	0 51	5 42	0 31	23 10	0 29	23 2	0 7	23 21	0 10	7 3	1 13	25 16	4 5	18 30	18 57	1 2	12 30	1 28
F 26	5 32	16 41	0 28	13 5	3 8	10 21	0 54	6 0	0 30	23 10	0 29	23 2	0 7	23 21	0 10	7 3	1 13	25 16	4 4	18 29	18 56	1 5	12 31	1 28
S 27	5 54	21 29	0s51	12 54	3 3	9 58	0 56	6 18	0 29	23 9	0 29	23 2	0 7	23 21	0 10	7 4	1 13	25 16	4 4	18 29	18 55	1 9	12 32	1 28
S 28	6 17	24 52	2 5	12 41	2 57	9 34	0 59	6 35	0 29	23 9	0 29	23 2	0 6	23 21	0 10	7 4	1 13	25 16	4 4	18 30	18 54	1 12	12 33	1 28
M29	6 40	26 40	3 9	12 24	2 49	9 9	1 2	6 53	0 28	23 8	0 29	23 2	0 6	23 21	0 10	7 5	1 13	25 16	4 4	18 30	18 54	1 15	12 35	1 28
T 30	7 2	26 51	4 1	12 4	2 40	8 45	1 5	7 11	0 27	23 8	0 29	23 2	0 6	23 22	0 10	7 5	1 13	25 16	4 4	18 30	18 53	1 18	12 36	1 28
W31	7n25	25s35	4s39	11n41	2n29	8s20	1s 7	7n28	0s27	23n 7	0n29	23n 2	0s 6	23n22	0n10	7n 6	1n13	25n16	4n 4	18n30	18n52	1n21	12n37	1s28

Julian Day Number = 2248903.5, Delta T = 06m38s
Ecliptic obliquity = 23°30'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°59'59, Lahiri = 16°07'00 Julian Calendar 1 March 1445 == Greg. Calendar 10 March 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

APRIL 1445 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 11 52	19♈50'05	8♒33	23°R29	12♓36	20♈52	15♋24	10♋ 7	20♊57	14°R50	24♋37	22°R41	24♉ 6	11♈38	7♉25	T 1
F 2	13 15 49	20°48'40	20°51	22♈49	13°47	21°37	15°29	10°10	20°59	14♍49	24°37	22♉38	24° 2	11°44	7°29	F 2
S 3	13 19 45	21°47'14	2♓57	22° 8	14°58	22°22	15°35	10°14	21° 1	14°47	24°37	22°33	23°59	11°51	7°33	S 3
S 4	13 23 42	22°45'46	14°54	21°25	16°10	23° 7	15°41	10°17	21° 4	14°46	24°38	22°28	23°56	11°58	7°37	S 4
M 5	13 27 38	23°44'16	26°47	20°43	17°21	23°51	15°47	10°21	21° 6	14°45	24°38	22°23	23°53	12° 4	7°41	M 5
T 6	13 31 35	24°42'44	8♈36	20° 2	18°32	24°36	15°53	10°24	21° 8	14°44	24°38	22°18	23°50	12°11	7°45	T 6
W 7	13 35 31	25°41'11	20°25	19°22	19°44	25°21	15°59	10°28	21°11	14°43	24°38	22°14	23°46	12°18	7°49	W 7
T 8	13 39 28	26°39'35	2♉16	18°45	20°55	26° 5	16° 6	10°32	21°13	14°41	24°38	22°11	23°43	12°24	7°53	T 8
F 9	13 43 24	27°37'58	14°10	18°10	22° 6	26°50	16°13	10°36	21°15	14°40	24°39	22°10	23°40	12°31	7°58	F 9
S 10	13 47 21	28°36'19	26° 9	17°38	23°18	27°34	16°19	10°40	21°18	14°39	24°39	22°D10	23°37	12°38	8° 2	S 10
S 11	13 51 17	29°34'38	8♊16	17°10	24°29	28°19	16°26	10°44	21°20	14°38	24°39	22°11	23°34	12°44	8° 6	S 11
M12	13 55 14	0♉32'55	20°34	16°47	25°41	29° 3	16°33	10°48	21°23	14°37	24°40	22°12	23°31	12°51	8°10	M12
T 13	13 59 11	1°31'10	3♋ 7	16°27	26°52	29°47	16°40	10°52	21°25	14°36	24°40	22°14	23°27	12°58	8°14	T 13
W14	14 3 7	2°29'23	15°56	16°12	28° 4	0♉32	16°48	10°56	21°28	14°35	24°40	22°15	23°24	13° 4	8°18	W14
T 15	14 7 4	3°27'34	29° 5	16° 2	29°16	1°16	16°55	11° 1	21°31	14°34	24°41	22°R15	23°21	13°11	8°23	T 15
F 16	14 11 0	4°25'43	12♌38	15°56	0♈27	2° 0	17° 3	11° 5	21°33	14°33	24°41	22°15	23°18	13°18	8°27	F 16
S 17	14 14 57	5°23'50	26°35	15°D56	1°39	2°44	17°10	11°10	21°36	14°32	24°42	22°14	23°15	13°24	8°31	S 17
S 18	14 18 53	6°21'55	10♍55	16° 0	2°50	3°28	17°18	11°14	21°39	14°31	24°42	22°13	23°12	13°31	8°35	S 18
M19	14 22 50	7°19'58	25°38	16° 9	4° 2	4°12	17°26	11°19	21°41	14°30	24°43	22°11	23° 8	13°38	8°39	M19
T 20	14 26 46	8°17'58	10♎36	16°22	5°14	4°56	17°34	11°24	21°44	14°29	24°43	22° 9	23° 5	13°44	8°44	T 20
W21	14 30 43	9°15'58	25°42	16°40	6°26	5°40	17°42	11°29	21°47	14°29	24°44	22° 8	23° 2	13°51	8°48	W21
T 22	14 34 40	10°13'55	10♏47	17° 3	7°37	6°24	17°51	11°34	21°50	14°28	24°44	22° 7	22°59	13°58	8°52	T 22
F 23	14 38 36	11°11'51	25°43	17°29	8°49	7° 7	17°59	11°39	21°53	14°27	24°45	22°D 7	22°56	14° 5	8°56	F 23
S 24	14 42 33	12° 9'45	10♐21	18° 0	10° 1	7°51	18° 8	11°44	21°56	14°26	24°46	22° 7	22°52	14°11	9° 0	S 24
S 25	14 46 29	13° 7'39	24°36	18°35	11°13	8°35	18°16	11°49	21°59	14°26	24°46	22° 8	22°49	14°18	9° 5	S 25
M26	14 50 26	14° 5'30	8♑25	19°14	12°25	9°18	18°25	11°55	22° 2	14°25	24°47	22° 9	22°46	14°25	9° 9	M26
T 27	14 54 22	15° 3'21	21°48	19°57	13°37	10° 2	18°34	12° 0	22° 5	14°24	24°48	22°10	22°43	14°31	9°13	T 27
W28	14 58 19	16° 1'10	4♒45	20°43	14°49	10°45	18°43	12° 5	22° 8	14°24	24°49	22°10	22°40	14°38	9°17	W28
T 29	15 2 16	16°58'58	17°21	21°33	16° 0	11°29	18°52	12°11	22°11	14°23	24°49	22°R10	22°37	14°45	9°21	T 29
F 30	15 6 12	17♉56'45	29♒39	22♈26	17♈12	12♉12	19♋ 1	12♋16	22♊14	14♍23	24♋50	22♉10	22♉33	14♈51	9♉25	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	7n47	23s 3	5s 3	11n16	2n17	7s55	1s10	7n46	0s26	23n 6	0n29	23n 2	0s 6	23n22	0n10	7n 6	1n13	25n16	4n 4	18n30	18n51	1n25	12n38	1s28
F 2	8 9	19 31	5 12	10 49	2 4	7 30	1 12	8 3	0 26	23 6	0 29	23 1	0 6	23 22	0 10	7 7	1 13	25 16	4 4	18 29	18 50	1 28	12 40	1 28
S 3	8 31	15 13	5 7	10 20	1 50	7 5	1 14	8 21	0 25	23 5	0 29	23 1	0 6	23 22	0 10	7 7	1 13	25 16	4 4	18 28	18 50	1 31	12 41	1 28
S 4	8 53	10 24	4 49	9 51	1 35	6 39	1 16	8 38	0 24	23 5	0 29	23 1	0 6	23 22	0 10	7 8	1 13	25 16	4 4	18 27	18 49	1 34	12 42	1 28
M 5	9 15	5 14	4 18	9 20	1 19	6 13	1 19	8 55	0 24	23 4	0 29	23 1	0 6	23 22	0 10	7 8	1 13	25 16	4 4	18 25	18 48	1 37	12 43	1 28
T 6	9 36	0n 6	3 36	8 49	1 3	5 47	1 21	9 12	0 23	23 3	0 29	23 1	0 6	23 23	0 10	7 9	1 13	25 16	4 4	18 24	18 47	1 41	12 45	1 29
W 7	9 57	5 27	2 46	8 19	0 46	5 21	1 23	9 29	0 23	23 2	0 30	23 1	0 5	23 23	0 10	7 9	1 12	25 16	4 4	18 23	18 46	1 44	12 46	1 29
T 8	10 19	10 37	1 47	7 49	0 29	4 54	1 25	9 46	0 22	23 2	0 30	23 0	0 5	23 23	0 10	7 10	1 12	25 16	4 4	18 22	18 46	1 47	12 47	1 29
F 9	10 40	15 26	0 44	7 20	0 12	4 28	1 26	10 3	0 21	23 1	0 30	23 0	0 5	23 23	0 10	7 10	1 12	25 16	4 4	18 22	18 45	1 50	12 48	1 29
S 10	11 1	19 42	0n22	6 52	0s 5	4 1	1 28	10 19	0 21	23 0	0 30	23 0	0 5	23 23	0 10	7 10	1 12	25 15	4 4	18 22	18 44	1 53	12 50	1 29
S 11	11 21	23 12	1 28	6 26	0 21	3 34	1 30	10 36	0 20	22 59	0 30	23 0	0 5	23 23	0 10	7 11	1 12	25 15	4 4	18 22	18 43	1 57	12 51	1 29
M12	11 42	25 41	2 30	6 2	0 37	3 7	1 31	10 52	0 19	22 58	0 30	22 59	0 5	23 24	0 10	7 11	1 12	25 15	4 4	18 22	18 42	2 0	12 52	1 29
T 13	12 2	26 56	3 27	5 40	0 53	2 40	1 33	11 8	0 19	22 58	0 30	22 59	0 5	23 24	0 10	7 12	1 12	25 15	4 4	18 23	18 42	2 3	12 53	1 29
W14	12 22	26 47	4 15	5 21	1 8	2 13	1 34	11 24	0 18	22 57	0 30	22 59	0 5	23 24	0 10	7 12	1 12	25 15	4 4	18 23	18 41	2 6	12 55	1 29
T 15	12 42	25 8	4 51	5 3	1 22	1 45	1 36	11 40	0 18	22 56	0 30	22 59	0 5	23 24	0 10	7 12	1 12	25 15	4 4	18 23	18 40	2 10	12 56	1 29
F 16	13 2	22 3	5 12	4 49	1 36	1 18	1 37	11 56	0 17	22 55	0 30	22 58	0 4	23 24	0 10	7 13	1 12	25 15	4 4	18 23	18 39	2 13	12 57	1 29
S 17	13 22	17 37	5 15	4 37	1 49	0 50	1 38	12 12	0 16	22 54	0 30	22 58	0 4	23 24	0 10	7 13	1 12	25 15	4 4	18 23	18 38	2 16	12 59	1 29
S 18	13 41	12 6	4 59	4 27	2 1	0 23	1 39	12 28	0 16	22 53	0 30	22 58	0 4	23 25	0 10	7 13	1 12	25 15	4 4	18 23	18 38	2 19	13 0	1 29
M19	14 0	5 47	4 24	4 20	2 12	0n 5	1 40	12 43	0 15	22 52	0 30	22 58	0 4	23 25	0 10	7 14	1 12	25 14	4 4	18 22	18 37	2 22	13 1	1 29
T 20	14 19	0s59	3 30	4 16	2 22	0 32	1 41	12 59	0 14	22 51	0 30	22 57	0 4	23 25	0 10	7 14	1 12	25 14	4 4	18 22	18 36	2 26	13 2	1 30
W21	14 38	7 46	2 21	4 15	2 31	1 0	1 42	13 14	0 14	22 50	0 30	22 57	0 4	23 25	0 10	7 14	1 12	25 14	4 4	18 21	18 35	2 29	13 4	1 30
T 22	14 56	14 7	1 2	4 15	2 40	1 28	1 43	13 29	0 13	22 49	0 30	22 57	0 4	23 25	0 10	7 15	1 12	25 14	4 3	18 21	18 34	2 32	13 5	1 30
F 23	15 14	19 34	0s20	4 19	2 47	1 56	1 43	13 44	0 13	22 48	0 30	22 56	0 4	23 26	0 10	7 15	1 12	25 14	4 3	18 21	18 34	2 35	13 6	1 30
S 24	15 32	23 42	1 39	4 24	2 54	2 23	1 44	13 59	0 12	22 46	0 30	22 56	0 4	23 26	0 10	7 15	1 12	25 14	4 3	18 21	18 33	2 39	13 7	1 30
S 25	15 50	26 15	2 51	4 32	3 0	2 51	1 44	14 14	0 11	22 45	0 30	22 56	0 4	23 26	0 10	7 15	1 12	25 14	4 3	18 22	18 32	2 42	13 9	1 30
M26	16 7	27 4	3 50	4 42	3 5	3 19	1 45	14 28	0 11	22 44	0 30	22 55	0 3	23 26	0 10	7 16	1 12	25 13	4 3	18 22	18 31	2 45	13 10	1 30
T 27	16 24	26 15	4 34	4 55	3 9	3 46	1 45	14 43	0 10	22 43	0 30	22 55	0 3	23 26	0 10	7 16	1 12	25 13	4 3	18 22	18 30	2 48	13 11	1 30
W28	16 41	24 2	5 3	5 9	3 12	4 14	1 45	14 57	0 9	22 42	0 30	22 54	0 3	23 26	0 10	7 16	1 12	25 13	4 3	18 22	18 30	2 51	13 12	1 30
T 29	16 58	20 41	5 16	5 25	3 15	4 42	1 45	15 11	0 9	22 40	0 30	22 54	0 3	23 27	0 10	7 16	1 12	25 13	4 3	18 22	18 29	2 55	13 14	1 30
F 30	17n14	16s32	5s15	5n43	3s16	5n 9	1s46	15n25	0s 8	22n39	0n30	22n54	0s 3	23n27	0n10	7n16	1n12	25n13	4n 3	18n22	18n28	2n58	13n15	1s30

Julian Day Number = 2248934.5, Delta T = 06m38s
Ecliptic obliquity = 23°30'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°00'03, Lahiri = 16°07'04 Julian Calendar 1 Apr. 1445 == Greg. Calendar 10 Apr. 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

MAY 1445 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 10 9	18♉54'31	11♓44	23♈23	18♈24	12♉56	19♋11	12♋22	22♊17	14°R22	24♋51	22°R10	22♉30	14♈58	9♉30	S 1
S 2	15 14 5	19°52'15	23°39	24°22	19°36	13°39	19°20	12°28	22°20	14♍22	24°52	22♉ 9	22°27	15° 5	9°34	S 2
M 3	15 18 2	20°49'58	5♈29	25°25	20°49	14°22	19°30	12°33	22°23	14°21	24°53	22° 9	22°24	15°11	9°38	M 3
T 4	15 21 58	21°47'40	17°18	26°31	22° 1	15° 5	19°39	12°39	22°27	14°21	24°53	22°D 9	22°21	15°18	9°42	T 4
W 5	15 25 55	22°45'21	29° 8	27°39	23°13	15°48	19°49	12°45	22°30	14°20	24°54	22° 9	22°18	15°25	9°46	W 5
T 6	15 29 51	23°43'01	11♉ 3	28°51	24°25	16°32	19°59	12°51	22°33	14°20	24°55	22° 9	22°14	15°31	9°50	T 6
F 7	15 33 48	24°40'39	23° 5	0♉ 5	25°37	17°15	20° 9	12°57	22°36	14°20	24°56	22°R 9	22°11	15°38	9°54	F 7
S 8	15 37 44	25°38'17	5♊16	1°22	26°49	17°58	20°19	13° 3	22°40	14°19	24°57	22° 9	22° 8	15°45	9°59	S 8
S 9	15 41 41	26°35'53	17°37	2°42	28° 1	18°41	20°29	13° 9	22°43	14°19	24°58	22° 9	22° 5	15°51	10° 3	S 9
M10	15 45 38	27°33'28	0♋11	4° 4	29°13	19°23	20°39	13°15	22°46	14°19	24°59	22° 8	22° 2	15°58	10° 7	M10
T 11	15 49 34	28°31'02	12°58	5°29	0♉26	20° 6	20°50	13°22	22°49	14°19	25° 0	22° 8	21°58	16° 5	10°11	T 11
W12	15 53 31	29°28'34	25°59	6°56	1°38	20°49	21° 0	13°28	22°53	14°18	25° 1	22° 7	21°55	16°11	10°15	W12
T 13	15 57 27	0♊26'05	9♌17	8°26	2°50	21°32	21°10	13°34	22°56	14°18	25° 2	22° 6	21°52	16°18	10°19	T 13
F 14	16 1 24	1°23'34	22°51	9°58	4° 2	22°14	21°21	13°41	23° 0	14°18	25° 3	22° 6	21°49	16°25	10°23	F 14
S 15	16 5 20	2°21'02	6♍43	11°33	5°15	22°57	21°32	13°47	23° 3	14°18	25° 5	22°D 5	21°46	16°31	10°27	S 15
S 16	16 9 17	3°18'29	20°52	13°11	6°27	23°40	21°42	13°54	23° 6	14°18	25° 6	22° 6	21°43	16°38	10°31	S 16
M17	16 13 14	4°15'55	5♎16	14°51	7°39	24°22	21°53	14° 0	23°10	14°D18	25° 7	22° 7	21°39	16°45	10°35	M17
T 18	16 17 10	5°13'19	19°52	16°33	8°52	25° 5	22° 4	14° 7	23°13	14°18	25° 8	22° 8	21°36	16°51	10°39	T 18
W19	16 21 7	6°10'42	4♏36	18°18	10° 4	25°47	22°15	14°14	23°17	14°18	25° 9	22° 8	21°33	16°58	10°43	W19
T 20	16 25 3	7° 8'04	19°21	20° 5	11°16	26°29	22°26	14°20	23°20	14°18	25°10	22°R 9	21°30	17° 5	10°46	T 20
F 21	16 29 0	8° 5'25	4♐ 1	21°55	12°29	27°12	22°37	14°27	23°24	14°18	25°12	22° 9	21°27	17°11	10°50	F 21
S 22	16 32 56	9° 2'45	18°30	23°47	13°41	27°54	22°48	14°34	23°27	14°18	25°13	22° 8	21°24	17°18	10°54	S 22
S 23	16 36 53	10° 0'05	2♑41	25°41	14°53	28°36	23° 0	14°41	23°31	14°19	25°14	22° 6	21°20	17°25	10°58	S 23
M24	16 40 49	10°57'24	16°30	27°38	16° 6	29°18	23°11	14°48	23°34	14°19	25°15	22° 3	21°17	17°31	11° 2	M24
T 25	16 44 46	11°54'42	29°56	29°37	17°18	0♊ 0	23°22	14°55	23°38	14°19	25°17	22° 1	21°14	17°38	11° 6	T 25
W26	16 48 43	12°52'00	12♒57	1♊38	18°31	0°42	23°34	15° 2	23°41	14°19	25°18	21°58	21°11	17°45	11° 9	W26
T 27	16 52 39	13°49'17	25°37	3°41	19°43	1°24	23°45	15° 9	23°45	14°20	25°19	21°56	21° 8	17°51	11°13	T 27
F 28	16 56 36	14°46'34	7♓57	5°46	20°56	2° 6	23°57	15°16	23°48	14°20	25°21	21°55	21° 4	17°58	11°17	F 28
S 29	17 0 32	15°43'51	20° 3	7°53	22° 8	2°48	24° 9	15°23	23°52	14°20	25°22	21°D55	21° 1	18° 5	11°20	S 29
S 30	17 4 29	16°41'07	1♈58	10° 1	23°21	3°30	24°20	15°30	23°56	14°21	25°23	21°56	20°58	18°11	11°24	S 30
M31	17 8 25	17♊38'22	13♈48	12♊10	24♉34	4♊12	24♋32	15♋37	23♊59	14♍21	25♋25	21♉57	20♉55	18♈18	11♉28	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	17n30	11s47	4s59	6n 3	3s17	5n37	1s46	15n39	0s 7	22n38	0n30	22n53	0s 3	23n27	0n10	7n17	1n12	25n13	4n 3	18n22	18n27	3n 1	13n16	1s31
S 2	17 46	6 40	4 31	6 25	3 18	6 4	1 46	15 53	0 7	22 37	0 30	22 53	0 3	23 27	0 10	7 17	1 12	25 12	4 3	18 22	18 26	3 4	13 17	1 31
M 3	18 1	1 21	3 51	6 48	3 17	6 31	1 45	16 6	0 6	22 35	0 30	22 52	0 3	23 27	0 10	7 17	1 12	25 12	4 3	18 22	18 26	3 7	13 18	1 31
T 4	18 16	4n 1	3 2	7 13	3 16	6 58	1 45	16 19	0 6	22 34	0 30	22 52	0 3	23 28	0 10	7 17	1 12	25 12	4 3	18 22	18 25	3 11	13 20	1 31
W 5	18 31	9 16	2 4	7 39	3 14	7 25	1 45	16 33	0 5	22 32	0 30	22 51	0 3	23 28	0 10	7 17	1 12	25 12	4 3	18 22	18 24	3 14	13 21	1 31
T 6	18 46	14 13	1 1	8 7	3 12	7 52	1 45	16 46	0 4	22 31	0 30	22 51	0 3	23 28	0 10	7 17	1 12	25 12	4 3	18 22	18 23	3 17	13 22	1 31
F 7	19 0	18 41	0n 5	8 36	3 8	8 19	1 44	16 59	0 4	22 30	0 30	22 50	0 2	23 28	0 10	7 17	1 12	25 11	4 3	18 22	18 22	3 20	13 23	1 31
S 8	19 14	22 26	1 12	9 6	3 5	8 46	1 44	17 11	0 3	22 28	0 30	22 50	0 2	23 28	0 10	7 17	1 12	25 11	4 3	18 22	18 21	3 24	13 24	1 31
S 9	19 27	25 12	2 17	9 37	3 0	9 12	1 43	17 24	0 2	22 27	0 30	22 49	0 2	23 28	0 10	7 18	1 12	25 11	4 3	18 22	18 21	3 27	13 26	1 31
M10	19 41	26 46	3 16	10 10	2 55	9 38	1 42	17 36	0 2	22 25	0 30	22 49	0 2	23 29	0 10	7 18	1 12	25 11	4 3	18 22	18 20	3 30	13 27	1 32
T 11	19 53	26 58	4 6	10 43	2 50	10 4	1 42	17 48	0 1	22 24	0 30	22 48	0 2	23 29	0 10	7 18	1 12	25 11	4 3	18 21	18 19	3 33	13 28	1 32
W12	20 6	25 40	4 45	11 18	2 44	10 30	1 41	18 0	0 0	22 22	0 30	22 48	0 2	23 29	0 10	7 18	1 12	25 10	4 3	18 21	18 18	3 36	13 29	1 32
T 13	20 18	22 57	5 9	11 53	2 37	10 56	1 40	18 12	0n 0	22 20	0 30	22 47	0 2	23 29	0 10	7 18	1 12	25 10	4 3	18 21	18 17	3 40	13 30	1 32
F 14	20 30	18 55	5 17	12 29	2 30	11 21	1 39	18 24	0 1	22 19	0 30	22 47	0 2	23 29	0 10	7 18	1 12	25 10	4 3	18 21	18 17	3 43	13 31	1 32
S 15	20 42	13 49	5 7	13 6	2 22	11 46	1 38	18 35	0 2	22 17	0 30	22 46	0 2	23 30	0 10	7 18	1 12	25 10	4 3	18 21	18 16	3 46	13 33	1 32
S 16	20 53	7 53	4 38	13 43	2 14	12 11	1 37	18 47	0 2	22 15	0 30	22 46	0 2	23 30	0 10	7 18	1 11	25 10	4 3	18 21	18 15	3 49	13 34	1 32
M17	21 4	1 27	3 51	14 21	2 5	12 36	1 36	18 58	0 3	22 14	0 30	22 45	0 1	23 30	0 10	7 18	1 11	25 9	4 3	18 21	18 14	3 53	13 35	1 32
T 18	21 14	5s11	2 49	14 59	1 56	13 0	1 35	19 9	0 3	22 12	0 30	22 44	0 1	23 30	0 10	7 18	1 11	25 9	4 3	18 21	18 13	3 56	13 36	1 32
W19	21 24	11 35	1 36	15 37	1 47	13 24	1 33	19 20	0 4	22 10	0 30	22 44	0 1	23 30	0 10	7 18	1 11	25 9	4 3	18 22	18 12	3 59	13 37	1 33
T 20	21 34	17 22	0 15	16 15	1 37	13 48	1 32	19 30	0 5	22 8	0 31	22 43	0 1	23 31	0 10	7 18	1 11	25 9	4 3	18 22	18 12	4 2	13 38	1 33
F 21	21 43	22 5	1s 5	16 54	1 27	14 11	1 31	19 41	0 5	22 7	0 31	22 42	0 1	23 31	0 10	7 18	1 11	25 8	4 3	18 22	18 11	4 5	13 39	1 33
S 22	21 52	25 21	2 21	17 32	1 17	14 35	1 29	19 51	0 6	22 5	0 31	22 42	0 1	23 31	0 10	7 17	1 11	25 8	4 3	18 21	18 10	4 9	13 40	1 33
S 23	22 1	26 55	3 26	18 10	1 6	14 57	1 28	20 1	0 7	22 3	0 31	22 41	0 1	23 31	0 10	7 17	1 11	25 8	4 3	18 21	18 9	4 12	13 41	1 33
M24	22 9	26 44	4 17	18 48	0 55	15 20	1 26	20 11	0 7	22 1	0 31	22 40	0 1	23 31	0 10	7 17	1 11	25 8	4 3	18 20	18 8	4 15	13 42	1 33
T 25	22 17	24 59	4 52	19 25	0 44	15 42	1 25	20 20	0 8	21 59	0 31	22 40	0 1	23 31	0 10	7 17	1 11	25 7	4 3	18 20	18 7	4 18	13 43	1 33
W26	22 25	21 57	5 11	20 0	0 33	16 4	1 23	20 30	0 8	21 57	0 31	22 39	0 1	23 32	0 10	7 17	1 11	25 7	4 3	18 19	18 7	4 22	13 44	1 34
T 27	22 32	17 57	5 14	20 35	0 22	16 25	1 21	20 39	0 9	21 55	0 31	22 38	0 1	23 32	0 10	7 17	1 11	25 7	4 3	18 18	18 6	4 25	13 45	1 34
F 28	22 38	13 17	5 3	21 9	0 11	16 46	1 19	20 48	0 10	21 53	0 31	22 38	0 0	23 32	0 10	7 17	1 11	25 7	4 3	18 18	18 5	4 28	13 46	1 34
S 29	22 45	8 13	4 38	21 41	0 0	17 7	1 18	20 57	0 10	21 51	0 31	22 37	0 0	23 32	0 10	7 16	1 11	25 6	4 3	18 18	18 4	4 31	13 47	1 34
S 30	22 51	2 54	4 1	22 12	0n10	17 27	1 16	21 6	0 11	21 49	0 31	22 36	0 0	23 32	0 10	7 16	1 11	25 6	4 3	18 18	18 3	4 34	13 48	1 34
M31	22n56	2n28	3s15	22n40	0n21	17n46	1s14	21n14	0n12	21n47	0n31	22n35	0s 0	23n32	0n10	7n16	1n11	25n 6	4n 3	18n19	18n 2	4n38	13n49	1s34

Julian Day Number = 2248964.5, Delta T = 06m38s
Ecliptic obliquity = 23°30'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°00'08, Lahiri = 16°07'08 Julian Calendar 1 May 1445 == Greg. Calendar 10 May 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

JUNE 1445 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 12 22	18♊35'38	25♈38	14♊20	25♉46	4♊53	24♋44	15♋44	24♊ 3	14♍22	25♋26	21♉59	20♉52	18♈25	11♉31	T 1
W 2	17 16 18	19°32'53	7♉31	16°31	26°59	5°35	24°56	15°52	24° 6	14°22	25°28	22° 0	20°49	18°31	11°35	W 2
T 3	17 20 15	20°30'08	19°31	18°43	28°12	6°17	25° 8	15°59	24°10	14°23	25°29	22°R 1	20°45	18°38	11°38	T 3
F 4	17 24 12	21°27'23	1♊43	20°54	29°24	6°58	25°20	16° 6	24°13	14°23	25°30	22° 1	20°42	18°45	11°42	F 4
S 5	17 28 8	22°24'37	14° 7	23° 6	0♊37	7°40	25°32	16°14	24°17	14°24	25°32	21°59	20°39	18°51	11°45	S 5
S 6	17 32 5	23°21'51	26°46	25°17	1°50	8°21	25°44	16°21	24°21	14°25	25°33	21°56	20°36	18°58	11°49	S 6
M 7	17 36 1	24°19'05	9♋40	27°27	3° 3	9° 3	25°56	16°28	24°24	14°25	25°35	21°51	20°33	19° 5	11°52	M 7
T 8	17 39 58	25°16'18	22°49	29°37	4°15	9°44	26° 8	16°36	24°28	14°26	25°36	21°46	20°30	19°11	11°55	T 8
W 9	17 43 54	26°13'31	6♌11	1♋46	5°28	10°25	26°21	16°43	24°31	14°27	25°38	21°41	20°26	19°18	11°59	W 9
T 10	17 47 51	27°10'44	19°47	3°53	6°41	11° 7	26°33	16°51	24°35	14°27	25°39	21°36	20°23	19°25	12° 2	T 10
F 11	17 51 47	28° 7'56	3♍33	5°59	7°54	11°48	26°45	16°58	24°39	14°28	25°41	21°32	20°20	19°31	12° 5	F 11
S 12	17 55 44	29° 5'07	17°30	8° 3	9° 7	12°29	26°58	17° 6	24°42	14°29	25°42	21°30	20°17	19°38	12° 8	S 12
S 13	17 59 41	0♋ 2'18	1♎35	10° 6	10°20	13°10	27°10	17°13	24°46	14°30	25°44	21°D30	20°14	19°45	12°12	S 13
M14	18 3 37	0°59'29	15°46	12° 7	11°32	13°51	27°23	17°21	24°49	14°31	25°45	21°30	20°10	19°51	12°15	M14
T 15	18 7 34	1°56'39	0♏ 3	14° 6	12°45	14°32	27°35	17°29	24°53	14°32	25°47	21°32	20° 7	19°58	12°18	T 15
W16	18 11 30	2°53'49	14°23	16° 3	13°58	15°13	27°48	17°36	24°57	14°33	25°49	21°R33	20° 4	20° 5	12°21	W16
T 17	18 15 27	3°50'59	28°43	17°58	15°11	15°54	28° 0	17°44	25° 0	14°33	25°50	21°33	20° 1	20°11	12°24	T 17
F 18	18 19 23	4°48'08	12♐59	19°51	16°24	16°35	28°13	17°51	25° 4	14°34	25°52	21°31	19°58	20°18	12°27	F 18
S 19	18 23 20	5°45'18	27° 7	21°43	17°37	17°16	28°26	17°59	25° 7	14°36	25°53	21°27	19°55	20°25	12°30	S 19
S 20	18 27 17	6°42'27	11♑ 1	23°32	18°50	17°57	28°38	18° 7	25°11	14°37	25°55	21°22	19°51	20°31	12°33	S 20
M21	18 31 13	7°39'37	24°40	25°19	20° 3	18°37	28°51	18°14	25°14	14°38	25°57	21°15	19°48	20°38	12°35	M21
T 22	18 35 10	8°36'47	7♒59	27° 4	21°16	19°18	29° 4	18°22	25°18	14°39	25°58	21° 7	19°45	20°45	12°38	T 22
W23	18 39 6	9°33'57	20°57	28°48	22°30	19°59	29°17	18°30	25°21	14°40	26° 0	20°59	19°42	20°51	12°41	W23
T 24	18 43 3	10°31'08	3♓36	0♌29	23°43	20°39	29°29	18°38	25°25	14°41	26° 2	20°52	19°39	20°58	12°44	T 24
F 25	18 46 59	11°28'19	15°57	2° 8	24°56	21°20	29°42	18°45	25°28	14°42	26° 3	20°47	19°36	21° 5	12°46	F 25
S 26	18 50 56	12°25'30	28° 2	3°45	26° 9	22° 0	29°55	18°53	25°32	14°43	26° 5	20°44	19°32	21°11	12°49	S 26
S 27	18 54 52	13°22'42	9♈58	5°20	27°22	22°41	0♌ 8	19° 1	25°35	14°45	26° 7	20°D43	19°29	21°18	12°52	S 27
M28	18 58 49	14°19'55	21°48	6°54	28°35	23°21	0°21	19° 9	25°39	14°46	26° 8	20°43	19°26	21°25	12°54	M28
T 29	19 2 46	15°17'08	3♉38	8°25	29°49	24° 1	0°34	19°16	25°42	14°47	26°10	20°44	19°23	21°31	12°56	T 29
W30	19 6 42	16♋14'22	15♉33	9♌54	1♋ 2	24♊42	0♌47	19♋24	25♊46	14♍49	26♋12	20°R45	19♉20	21♈38	12♉59	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	23n 1	7n46	2s20	23n 6	0n31	18n 6	1s12	21n23	0n12	21n45	0n31	22n35	0s 0	23n33	0n10	7n16	1n11	25n 6	4n 3	18n19	18n 2	4n41	13n50	1s34	T 1
W 2	23 6	12 49	1 19	23 31	0 41	18 25	1 10	21 31	0 13	21 43	0 31	22 34	0 0	23 33	0 10	7 16	1 11	25 5	4 3	18 20	18 1	4 44	13 51	1 35	W 2
T 3	23 10	17 27	0 14	23 52	0 51	18 43	1 8	21 39	0 14	21 41	0 31	22 33	0n 0	23 33	0 10	7 15	1 11	25 5	4 3	18 20	18 0	4 47	13 52	1 35	T 3
F 4	23 14	21 26	0n53	24 11	0 59	19 1	1 6	21 46	0 14	21 39	0 31	22 32	0 0	23 33	0 10	7 15	1 11	25 5	4 3	18 20	17 59	4 51	13 53	1 35	F 4
S 5	23 18	24 31	1 58	24 28	1 8	19 18	1 4	21 54	0 15	21 37	0 31	22 32	0 0	23 33	0 10	7 15	1 11	25 5	4 3	18 19	17 58	4 54	13 54	1 35	S 5
S 6	23 21	26 27	2 59	24 41	1 16	19 35	1 2	22 1	0 15	21 34	0 31	22 31	0 0	23 33	0 10	7 15	1 11	25 4	4 3	18 18	17 57	4 57	13 55	1 35	S 6
M 7	23 23	27 0	3 51	24 52	1 23	19 52	0 59	22 8	0 16	21 32	0 31	22 30	0 0	23 34	0 10	7 14	1 11	25 4	4 3	18 17	17 56	5 0	13 56	1 35	M 7
T 8	23 26	26 3	4 33	25 0	1 29	20 7	0 57	22 15	0 17	21 30	0 31	22 29	0 0	23 34	0 10	7 14	1 11	25 4	4 3	18 16	17 56	5 3	13 57	1 35	T 8
W 9	23 28	23 37	5 0	25 5	1 35	20 23	0 55	22 22	0 17	21 28	0 31	22 28	0 1	23 34	0 10	7 14	1 11	25 3	4 3	18 14	17 55	5 7	13 58	1 36	W 9
T 10	23 29	19 50	5 11	25 7	1 40	20 38	0 53	22 28	0 18	21 25	0 31	22 27	0 1	23 34	0 10	7 13	1 11	25 3	4 3	18 13	17 54	5 10	13 58	1 36	T 10
F 11	23 30	14 57	5 4	25 7	1 44	20 52	0 50	22 35	0 19	21 23	0 31	22 27	0 1	23 34	0 10	7 13	1 11	25 3	4 3	18 12	17 53	5 13	13 59	1 36	F 11
S 12	23 31	9 15	4 40	25 3	1 47	21 6	0 48	22 41	0 19	21 21	0 31	22 26	0 1	23 34	0 10	7 13	1 11	25 3	4 3	18 12	17 52	5 16	14 0	1 36	S 12
S 13	23 31	3 1	3 58	24 58	1 50	21 19	0 46	22 47	0 20	21 18	0 31	22 25	0 1	23 35	0 10	7 12	1 11	25 2	4 3	18 12	17 51	5 19	14 1	1 36	S 13
M14	23 31	3s26	3 2	24 49	1 52	21 31	0 43	22 52	0 20	21 16	0 32	22 24	0 1	23 35	0 10	7 12	1 11	25 2	4 3	18 12	17 51	5 23	14 2	1 36	M14
T 15	23 30	9 45	1 54	24 39	1 54	21 43	0 41	22 58	0 21	21 13	0 32	22 23	0 1	23 35	0 10	7 12	1 11	25 2	4 3	18 12	17 50	5 26	14 3	1 37	T 15
W16	23 29	15 35	0 39	24 26	1 54	21 55	0 39	23 3	0 22	21 11	0 32	22 22	0 1	23 35	0 10	7 11	1 11	25 2	4 3	18 12	17 49	5 29	14 3	1 37	W16
T 17	23 27	20 34	0s39	24 11	1 54	22 5	0 36	23 8	0 22	21 9	0 32	22 21	0 1	23 35	0 10	7 11	1 11	25 1	4 3	18 12	17 48	5 32	14 4	1 37	T 17
F 18	23 26	24 18	1 54	23 55	1 53	22 15	0 34	23 13	0 23	21 6	0 32	22 20	0 1	23 35	0 10	7 10	1 10	25 1	4 3	18 12	17 47	5 36	14 5	1 37	F 18
S 19	23 23	26 29	3 0	23 36	1 52	22 25	0 31	23 17	0 24	21 3	0 32	22 19	0 1	23 35	0 10	7 10	1 10	25 1	4 3	18 11	17 46	5 39	14 6	1 37	S 19
S 20	23 21	26 58	3 55	23 16	1 50	22 34	0 29	23 22	0 24	21 1	0 32	22 19	0 2	23 36	0 10	7 10	1 10	25 0	4 3	18 9	17 45	5 42	14 6	1 37	S 20
M21	23 17	25 46	4 35	22 54	1 47	22 42	0 26	23 26	0 25	20 58	0 32	22 18	0 2	23 36	0 10	7 9	1 10	25 0	4 3	18 8	17 45	5 45	14 7	1 38	M21
T 22	23 14	23 9	5 0	22 31	1 44	22 50	0 24	23 30	0 25	20 56	0 32	22 17	0 2	23 36	0 10	7 9	1 10	25 0	4 3	18 5	17 44	5 48	14 8	1 38	T 22
W23	23 10	19 24	5 8	22 6	1 40	22 57	0 21	23 34	0 26	20 53	0 32	22 16	0 2	23 36	0 10	7 8	1 10	25 0	4 3	18 3	17 43	5 52	14 8	1 38	W23
T 24	23 6	14 52	5 0	21 40	1 36	23 3	0 19	23 37	0 27	20 51	0 32	22 15	0 2	23 36	0 10	7 8	1 10	24 59	4 3	18 2	17 42	5 55	14 9	1 38	T 24
F 25	23 1	9 50	4 39	21 13	1 31	23 9	0 16	23 41	0 27	20 48	0 32	22 14	0 2	23 36	0 10	7 7	1 10	24 59	4 3	18 0	17 41	5 58	14 10	1 38	F 25
S 26	22 56	4 32	4 5	20 45	1 26	23 14	0 14	23 44	0 28	20 45	0 32	22 13	0 2	23 36	0 10	7 7	1 10	24 59	4 3	18 0	17 40	6 1	14 10	1 38	S 26
S 27	22 50	0n52	3 21	20 17	1 20	23 18	0 11	23 47	0 28	20 43	0 32	22 12	0 2	23 37	0 10	7 6	1 10	24 58	4 3	17 59	17 39	6 5	14 11	1 39	S 27
M28	22 44	6 13	2 29	19 47	1 13	23 22	0 9	23 50	0 29	20 40	0 32	22 11	0 2	23 37	0 10	7 6	1 10	24 58	4 3	17 59	17 39	6 8	14 11	1 39	M28
T 29	22 38	11 21	1 31	19 17	1 6	23 25	0 6	23 52	0 30	20 37	0 32	22 10	0 2	23 37	0 10	7 5	1 10	24 58	4 4	18 0	17 38	6 11	14 12	1 39	T 29
W30	22n31	16n 6	0s28	18n46	0n59	23n27	0s 4	23n55	0n30	20n34	0n32	22n 9	0n 2	23n37	0n10	7n 5	1n10	24n58	4n 4	18n 0	17n37	6n14	14n12	1s39	W30

Julian Day Number = 2248995.5, Delta T = 06m38s
Ecliptic obliquity = 23°30'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°00'12, Lahiri = 16°07'12 Julian Calendar 1 June 1445 == Greg. Calendar 10 June 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

JULY 1445 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 10 39	17♋11'37	27♉38	11♌21	2♋15	25♊22	1♌ 0	19♋32	25♊49	14♍50	26♋13	20°R45	19♉16	21♈45	13♉ 1	T 1
F 2	19 14 35	18° 8'52	9♊57	12°46	3°29	26° 2	1°13	19°40	25°52	14°51	26°15	20♉43	19°13	21°51	13° 4	F 2
S 3	19 18 32	19° 6'08	22°33	14° 9	4°42	26°42	1°26	19°48	25°56	14°53	26°17	20°39	19°10	21°58	13° 6	S 3
S 4	19 22 28	20° 3'25	5♋28	15°30	5°56	27°22	1°39	19°55	25°59	14°54	26°18	20°32	19° 7	22° 5	13° 8	S 4
M 5	19 26 25	21° 0'43	18°43	16°48	7° 9	28° 3	1°52	20° 3	26° 3	14°56	26°20	20°24	19° 4	22°11	13°10	M 5
T 6	19 30 21	21°58'01	2♌16	18° 5	8°22	28°43	2° 5	20°11	26° 6	14°57	26°22	20°14	19° 1	22°18	13°12	T 6
W 7	19 34 18	22°55'19	16° 5	19°19	9°36	29°23	2°19	20°19	26° 9	14°59	26°23	20° 4	18°57	22°25	13°14	W 7
T 8	19 38 15	23°52'38	0♍ 5	20°30	10°49	0♋ 2	2°32	20°26	26°12	15° 0	26°25	19°55	18°54	22°31	13°16	T 8
F 9	19 42 11	24°49'58	14°12	21°40	12° 3	0°42	2°45	20°34	26°16	15° 2	26°27	19°47	18°51	22°38	13°18	F 9
S 10	19 46 8	25°47'18	28°24	22°46	13°17	1°22	2°58	20°42	26°19	15° 3	26°29	19°42	18°48	22°45	13°20	S 10
S 11	19 50 4	26°44'38	12♎35	23°50	14°30	2° 2	3°11	20°50	26°22	15° 5	26°30	19°40	18°45	22°51	13°22	S 11
M12	19 54 1	27°41'59	26°45	24°52	15°44	2°42	3°24	20°58	26°25	15° 7	26°32	19°D39	18°42	22°58	13°24	M12
T 13	19 57 57	28°39'20	10♏52	25°50	16°57	3°21	3°38	21° 5	26°29	15° 8	26°34	19°39	18°38	23° 5	13°26	T 13
W14	20 1 54	29°36'42	24°54	26°46	18°11	4° 1	3°51	21°13	26°32	15°10	26°35	19°R39	18°35	23°11	13°27	W14
T 15	20 5 50	0♌34'05	8♐52	27°39	19°25	4°41	4° 4	21°21	26°35	15°12	26°37	19°38	18°32	23°18	13°29	T 15
F 16	20 9 47	1°31'28	22°42	28°28	20°38	5°20	4°17	21°28	26°38	15°13	26°39	19°34	18°29	23°25	13°31	F 16
S 17	20 13 44	2°28'52	6♑25	29°14	21°52	6° 0	4°30	21°36	26°41	15°15	26°40	19°28	18°26	23°31	13°32	S 17
S 18	20 17 40	3°26'17	19°57	29°57	23° 6	6°39	4°44	21°44	26°44	15°17	26°42	19°19	18°22	23°38	13°34	S 18
M19	20 21 37	4°23'43	3♒16	0♍36	24°20	7°18	4°57	21°52	26°47	15°18	26°44	19° 8	18°19	23°45	13°35	M19
T 20	20 25 33	5°21'10	16°20	1°11	25°33	7°58	5°10	21°59	26°50	15°20	26°46	18°56	18°16	23°51	13°36	T 20
W21	20 29 30	6°18'38	29° 8	1°42	26°47	8°37	5°23	22° 7	26°53	15°22	26°47	18°44	18°13	23°58	13°38	W21
T 22	20 33 26	7°16'07	11♓40	2° 8	28° 1	9°16	5°36	22°14	26°56	15°24	26°49	18°33	18°10	24° 5	13°39	T 22
F 23	20 37 23	8°13'37	23°56	2°31	29°15	9°55	5°50	22°22	26°59	15°26	26°51	18°24	18° 7	24°11	13°40	F 23
S 24	20 41 19	9°11'08	5♈59	2°48	0♌29	10°35	6° 3	22°30	27° 2	15°28	26°52	18°18	18° 3	24°18	13°41	S 24
S 25	20 45 16	10° 8'41	17°53	3° 1	1°43	11°14	6°16	22°37	27° 5	15°29	26°54	18°14	18° 0	24°25	13°42	S 25
M26	20 49 13	11° 6'16	29°42	3° 8	2°57	11°53	6°29	22°45	27° 8	15°31	26°56	18°12	17°57	24°31	13°43	M26
T 27	20 53 9	12° 3'51	11♉32	3°R11	4°11	12°32	6°42	22°52	27°10	15°33	26°57	18°12	17°54	24°38	13°44	T 27
W28	20 57 6	13° 1'29	23°27	3° 8	5°25	13°11	6°56	23° 0	27°13	15°35	26°59	18°12	17°51	24°45	13°45	W28
T 29	21 1 2	13°59'08	5♊33	2°59	6°39	13°50	7° 9	23° 7	27°16	15°37	27° 1	18°11	17°48	24°51	13°46	T 29
F 30	21 4 59	14°56'48	17°55	2°45	7°53	14°29	7°22	23°15	27°19	15°39	27° 2	18° 8	17°44	24°58	13°46	F 30
S 31	21 8 55	15♌54'30	0♋37	2♍25	9♌ 7	15♋ 8	7♌35	23♋22	27♊21	15♍41	27♋ 4	18♉ 3	17♉41	25♈ 4	13♉47	S 31

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	
T 1	22n24	20n18	0n37	18n15	0n51	23n28	0s 1	23n57	0n31	20n32	0n33	22n 8	0n 3	23n37	0n10	7n 4	1n10	24n57	4n 4	18n 0	17n36	6n17	14n13	1s39	T 1
F 2	22 17	23 41	1 41	17 43	0 43	23 29	0n 1	23 59	0 31	20 29	0 33	22 7	0 3	23 37	0 10	7 4	1 10	24 57	4 4	17 59	17 35	6 21	14 14	1 39	F 2
S 3	22 9	26 0	2 42	17 11	0 35	23 30	0 4	24 0	0 32	20 26	0 33	22 6	0 3	23 37	0 10	7 3	1 10	24 57	4 4	17 58	17 34	6 24	14 14	1 40	S 3
S 4	22 1	26 59	3 35	16 39	0 26	23 29	0 6	24 2	0 33	20 23	0 33	22 5	0 3	23 37	0 10	7 2	1 10	24 57	4 4	17 56	17 33	6 27	14 15	1 40	S 4
M 5	21 52	26 28	4 19	16 7	0 16	23 28	0 9	24 3	0 33	20 20	0 33	22 3	0 3	23 38	0 10	7 2	1 10	24 56	4 4	17 54	17 32	6 30	14 15	1 40	M 5
T 6	21 43	24 24	4 49	15 34	0 7	23 26	0 11	24 4	0 34	20 17	0 33	22 2	0 3	23 38	0 10	7 1	1 10	24 56	4 4	17 52	17 32	6 33	14 15	1 40	T 6
W 7	21 34	20 52	5 3	15 2	0s 3	23 23	0 14	24 5	0 34	20 14	0 33	22 1	0 3	23 38	0 10	7 1	1 10	24 56	4 4	17 49	17 31	6 37	14 16	1 40	W 7
T 8	21 24	16 8	4 59	14 29	0 13	23 20	0 16	24 6	0 35	20 11	0 33	22 0	0 3	23 38	0 10	7 0	1 10	24 55	4 4	17 46	17 30	6 40	14 16	1 41	T 8
F 9	21 14	10 29	4 37	13 57	0 24	23 16	0 18	24 6	0 36	20 9	0 33	21 59	0 3	23 38	0 10	6 59	1 10	24 55	4 4	17 44	17 29	6 43	14 17	1 41	F 9
S 10	21 3	4 16	3 58	13 25	0 35	23 12	0 21	24 7	0 36	20 6	0 33	21 58	0 3	23 38	0 10	6 59	1 10	24 55	4 4	17 43	17 28	6 46	14 17	1 41	S 10
S 11	20 52	2s10	3 4	12 54	0 46	23 6	0 23	24 7	0 37	20 3	0 33	21 57	0 3	23 38	0 10	6 58	1 10	24 55	4 4	17 42	17 27	6 49	14 18	1 41	S 11
M12	20 41	8 30	1 59	12 23	0 57	23 0	0 25	24 7	0 37	20 0	0 33	21 56	0 3	23 38	0 10	6 58	1 10	24 54	4 4	17 42	17 26	6 53	14 18	1 41	M12
T 13	20 30	14 24	0 47	11 52	1 8	22 54	0 28	24 6	0 38	19 57	0 33	21 55	0 4	23 38	0 10	6 57	1 10	24 54	4 4	17 42	17 25	6 56	14 18	1 42	T 13
W14	20 18	19 30	0s28	11 22	1 20	22 46	0 30	24 6	0 39	19 53	0 33	21 54	0 4	23 38	0 10	6 56	1 10	24 54	4 4	17 42	17 25	6 59	14 19	1 42	W14
T 15	20 5	23 30	1 40	10 53	1 32	22 38	0 32	24 5	0 39	19 50	0 33	21 53	0 4	23 39	0 10	6 56	1 10	24 54	4 4	17 42	17 24	7 2	14 19	1 42	T 15
F 16	19 53	26 4	2 46	10 25	1 44	22 29	0 35	24 4	0 40	19 47	0 34	21 51	0 4	23 39	0 10	6 55	1 10	24 53	4 5	17 41	17 23	7 5	14 19	1 42	F 16
S 17	19 40	27 2	3 41	9 58	1 56	22 20	0 37	24 3	0 40	19 44	0 34	21 50	0 4	23 39	0 10	6 54	1 10	24 53	4 5	17 39	17 22	7 9	14 19	1 42	S 17
S 18	19 27	26 22	4 23	9 32	2 8	22 10	0 39	24 2	0 41	19 41	0 34	21 49	0 4	23 39	0 10	6 53	1 10	24 53	4 5	17 37	17 21	7 12	14 20	1 43	S 18
M19	19 13	24 11	4 50	9 7	2 20	21 59	0 41	24 0	0 42	19 38	0 34	21 48	0 4	23 39	0 11	6 53	1 10	24 53	4 5	17 34	17 20	7 15	14 20	1 43	M19
T 20	18 59	20 46	5 1	8 43	2 32	21 48	0 43	23 58	0 42	19 35	0 34	21 47	0 4	23 39	0 11	6 52	1 10	24 52	4 5	17 30	17 19	7 18	14 20	1 43	T 20
W21	18 45	16 26	4 56	8 21	2 44	21 36	0 45	23 57	0 43	19 32	0 34	21 46	0 4	23 39	0 11	6 51	1 10	24 52	4 5	17 27	17 18	7 21	14 20	1 43	W21
T 22	18 31	11 29	4 37	8 0	2 56	21 23	0 47	23 55	0 43	19 29	0 34	21 45	0 4	23 39	0 11	6 51	1 10	24 52	4 5	17 24	17 18	7 25	14 20	1 43	T 22
F 23	18 16	6 11	4 6	7 41	3 8	21 10	0 49	23 52	0 44	19 25	0 34	21 43	0 4	23 39	0 11	6 50	1 10	24 52	4 5	17 21	17 17	7 28	14 21	1 44	F 23
S 24	18 1	0 44	3 24	7 24	3 19	20 56	0 51	23 50	0 45	19 22	0 34	21 42	0 5	23 39	0 11	6 49	1 10	24 51	4 5	17 20	17 16	7 31	14 21	1 44	S 24
S 25	17 45	4n41	2 33	7 9	3 30	20 42	0 53	23 47	0 45	19 19	0 34	21 41	0 5	23 39	0 11	6 48	1 10	24 51	4 5	17 19	17 15	7 34	14 21	1 44	S 25
M26	17 30	9 54	1 36	6 57	3 41	20 27	0 55	23 44	0 46	19 16	0 34	21 40	0 5	23 40	0 11	6 48	1 10	24 51	4 5	17 18	17 14	7 37	14 21	1 44	M26
T 27	17 14	14 47	0 35	6 46	3 51	20 11	0 57	23 41	0 46	19 13	0 34	21 39	0 5	23 40	0 11	6 47	1 10	24 51	4 6	17 18	17 13	7 41	14 21	1 44	T 27
W28	16 57	19 8	0n28	6 38	4 1	19 55	0 58	23 38	0 47	19 9	0 35	21 38	0 5	23 40	0 11	6 46	1 10	24 50	4 6	17 18	17 12	7 44	14 21	1 45	W28
T 29	16 41	22 47	1 31	6 33	4 10	19 38	1 0	23 35	0 47	19 6	0 35	21 36	0 5	23 40	0 11	6 45	1 10	24 50	4 6	17 18	17 11	7 47	14 21	1 45	T 29
F 30	16 24	25 27	2 30	6 31	4 18	19 21	1 2	23 31	0 48	19 3	0 35	21 35	0 5	23 40	0 11	6 45	1 10	24 50	4 6	17 17	17 10	7 50	14 21	1 45	F 30
S 31	16n 7	26n55	3n24	6n31	4s25	19n 3	1n 3	23n27	0n49	19n 0	0n35	21n34	0n 5	23n40	0n11	6n44	1n10	24n50	4n 6	17n16	17n10	7n53	14n21	1s45	S 31

Julian Day Number = 2249025.5, Delta T = 06m37s
Ecliptic obliquity = 23°30'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°00'16, Lahiri = 16°07'16 Julian Calendar 1 July 1445 == Greg. Calendar 10 July 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

AUGUST 1445 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 12 52	16♌52'14	13♋43	2°R 0	10♌21	15♋46	7♌48	23♋29	27♊24	15♍43	27♋ 5	17°R56	17♉38	25♈11	13♉48	S 1
M 2	21 16 48	17°49'59	27°13	1♍29	11°35	16°25	8° 1	23°37	27°26	15°45	27° 7	17♉46	17°35	25°18	13°48	M 2
T 3	21 20 45	18°47'46	11♌ 6	0°54	12°50	17° 4	8°14	23°44	27°29	15°47	27° 9	17°35	17°32	25°24	13°49	T 3
W 4	21 24 42	19°45'34	25°18	0°13	14° 4	17°43	8°28	23°51	27°32	15°49	27°10	17°23	17°28	25°31	13°49	W 4
T 5	21 28 38	20°43'23	9♍44	29♌28	15°18	18°21	8°41	23°59	27°34	15°51	27°12	17°12	17°25	25°38	13°50	T 5
F 6	21 32 35	21°41'14	24°18	28°40	16°32	19° 0	8°54	24° 6	27°36	15°53	27°13	17° 3	17°22	25°44	13°50	F 6
S 7	21 36 31	22°39'06	8♎51	27°48	17°47	19°38	9° 7	24°13	27°39	15°55	27°15	16°56	17°19	25°51	13°50	S 7
S 8	21 40 28	23°36'59	23°20	26°55	19° 1	20°17	9°20	24°20	27°41	15°57	27°17	16°53	17°16	25°58	13°50	S 8
M 9	21 44 24	24°34'54	7♏39	26° 0	20°15	20°55	9°33	24°27	27°44	16° 0	27°18	16°51	17°13	26° 4	13°50	M 9
T 10	21 48 21	25°32'50	21°47	25° 6	21°30	21°34	9°46	24°34	27°46	16° 2	27°20	16°51	17° 9	26°11	13°R50	T 10
W11	21 52 17	26°30'47	5♐42	24°12	22°44	22°12	9°59	24°42	27°48	16° 4	27°21	16°51	17° 6	26°18	13°50	W11
T 12	21 56 14	27°28'46	19°26	23°21	23°58	22°50	10°11	24°49	27°50	16° 6	27°23	16°50	17° 3	26°24	13°50	T 12
F 13	22 0 11	28°26'46	2♑58	22°34	25°13	23°29	10°24	24°55	27°53	16° 8	27°24	16°46	17° 0	26°31	13°50	F 13
S 14	22 4 7	29°24'47	16°18	21°51	26°27	24° 7	10°37	25° 2	27°55	16°10	27°26	16°39	16°57	26°38	13°50	S 14
S 15	22 8 4	0♍22'50	29°28	21°14	27°41	24°45	10°50	25° 9	27°57	16°12	27°27	16°30	16°54	26°44	13°50	S 15
M16	22 12 0	1°20'54	12♒25	20°43	28°56	25°23	11° 3	25°16	27°59	16°15	27°29	16°19	16°50	26°51	13°49	M16
T 17	22 15 57	2°19'00	25°10	20°20	0♍10	26° 1	11°15	25°23	28° 1	16°17	27°30	16° 7	16°47	26°58	13°49	T 17
W18	22 19 53	3°17'08	7♓43	20° 4	1°25	26°39	11°28	25°30	28° 3	16°19	27°32	15°54	16°44	27° 4	13°49	W18
T 19	22 23 50	4°15'17	20° 3	19°D56	2°39	27°17	11°41	25°36	28° 5	16°21	27°33	15°43	16°41	27°11	13°48	T 19
F 20	22 27 46	5°13'28	2♈11	19°58	3°54	27°55	11°54	25°43	28° 7	16°23	27°34	15°33	16°38	27°18	13°47	F 20
S 21	22 31 43	6°11'41	14° 9	20° 8	5° 8	28°33	12° 6	25°49	28° 8	16°25	27°36	15°27	16°34	27°24	13°47	S 21
S 22	22 35 40	7° 9'56	26° 0	20°26	6°23	29°11	12°19	25°56	28°10	16°28	27°37	15°22	16°31	27°31	13°46	S 22
M23	22 39 36	8° 8'13	7♉47	20°54	7°37	29°49	12°31	26° 2	28°12	16°30	27°39	15°21	16°28	27°38	13°45	M23
T 24	22 43 33	9° 6'32	19°35	21°30	8°52	0♌26	12°44	26° 9	28°14	16°32	27°40	15°D20	16°25	27°44	13°45	T 24
W25	22 47 29	10° 4'53	1♊29	22°15	10° 7	1° 4	12°56	26°15	28°15	16°34	27°41	15°21	16°22	27°51	13°44	W25
T 26	22 51 26	11° 3'16	13°33	23° 8	11°21	1°42	13° 8	26°22	28°17	16°37	27°43	15°R21	16°19	27°57	13°43	T 26
F 27	22 55 22	12° 1'42	25°54	24° 8	12°36	2°19	13°21	26°28	28°18	16°39	27°44	15°20	16°15	28° 4	13°42	F 27
S 28	22 59 19	13° 0'09	8♋36	25°15	13°51	2°57	13°33	26°34	28°20	16°41	27°45	15°17	16°12	28°11	13°41	S 28
S 29	23 3 15	13°58'39	21°44	26°29	15° 5	3°35	13°45	26°40	28°21	16°43	27°46	15°12	16° 9	28°17	13°40	S 29
M30	23 7 12	14°57'11	5♌19	27°48	16°20	4°12	13°58	26°46	28°23	16°45	27°48	15° 5	16° 6	28°24	13°38	M30
T 31	23 11 9	15♍55'45	19♌21	29♌13	17♍35	4♌49	14♌10	26♋52	28♊24	16♍48	27♋49	14♉56	16♉ 3	28♈31	13♉37	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	15n50	26n56	4n 9	6n35	4s31	18n44	1n 5	23n24	0n49	18n56	0n35	21n33	0n 5	23n40	0n11	6n43	1n10	24n49	4n 6	17n14	17n 9	7n57	14n21	1s45
M 2	15 32	25 23	4 42	6 41	4 35	18 25	1 6	23 19	0 50	18 53	0 35	21 32	0 5	23 40	0 11	6 42	1 10	24 49	4 6	17 11	17 8	8 0	14 21	1 46
T 3	15 14	22 16	4 59	6 51	4 39	18 6	1 8	23 15	0 50	18 50	0 35	21 31	0 5	23 40	0 11	6 41	1 10	24 49	4 6	17 8	17 7	8 3	14 21	1 46
W 4	14 56	17 47	4 58	7 4	4 40	17 46	1 9	23 11	0 51	18 46	0 35	21 29	0 6	23 40	0 11	6 41	1 10	24 49	4 6	17 4	17 6	8 6	14 21	1 46
T 5	14 38	12 13	4 38	7 19	4 40	17 25	1 10	23 6	0 52	18 43	0 35	21 28	0 6	23 40	0 11	6 40	1 10	24 49	4 6	17 1	17 5	8 9	14 21	1 46
F 6	14 19	5 56	4 0	7 38	4 38	17 4	1 12	23 1	0 52	18 40	0 35	21 27	0 6	23 40	0 11	6 39	1 10	24 48	4 7	16 59	17 4	8 12	14 21	1 46
S 7	14 0	0s40	3 6	7 59	4 34	16 43	1 13	22 56	0 53	18 36	0 36	21 26	0 6	23 40	0 11	6 38	1 10	24 48	4 7	16 57	17 3	8 16	14 21	1 47
S 8	13 41	7 13	2 1	8 22	4 29	16 21	1 14	22 51	0 53	18 33	0 36	21 25	0 6	23 40	0 11	6 37	1 10	24 48	4 7	16 56	17 2	8 19	14 20	1 47
M 9	13 22	13 20	0 49	8 48	4 21	15 58	1 15	22 46	0 54	18 29	0 36	21 24	0 6	23 40	0 11	6 37	1 10	24 48	4 7	16 55	17 1	8 22	14 20	1 47
T 10	13 3	18 41	0s26	9 15	4 11	15 35	1 16	22 40	0 54	18 26	0 36	21 22	0 6	23 41	0 11	6 36	1 10	24 48	4 7	16 55	17 1	8 25	14 20	1 47
W11	12 43	22 56	1 38	9 43	4 0	15 12	1 17	22 35	0 55	18 23	0 36	21 21	0 6	23 41	0 11	6 35	1 10	24 47	4 7	16 55	17 0	8 28	14 20	1 47
T 12	12 23	25 48	2 43	10 12	3 47	14 48	1 18	22 29	0 56	18 19	0 36	21 20	0 6	23 41	0 11	6 34	1 10	24 47	4 7	16 55	16 59	8 31	14 20	1 48
F 13	12 3	27 7	3 38	10 41	3 33	14 24	1 19	22 23	0 56	18 16	0 36	21 19	0 6	23 41	0 11	6 33	1 10	24 47	4 7	16 54	16 58	8 35	14 19	1 48
S 14	11 43	26 49	4 20	11 10	3 17	13 59	1 20	22 17	0 57	18 13	0 36	21 18	0 6	23 41	0 11	6 32	1 10	24 47	4 8	16 52	16 57	8 38	14 19	1 48
S 15	11 22	25 1	4 48	11 37	3 0	13 34	1 21	22 11	0 57	18 9	0 36	21 17	0 7	23 41	0 11	6 32	1 10	24 47	4 8	16 49	16 56	8 41	14 19	1 48
M16	11 2	21 56	5 0	12 4	2 42	13 9	1 21	22 4	0 58	18 6	0 36	21 15	0 7	23 41	0 11	6 31	1 10	24 47	4 8	16 46	16 55	8 44	14 19	1 48
T 17	10 41	17 50	4 57	12 29	2 24	12 43	1 22	21 58	0 58	18 2	0 37	21 14	0 7	23 41	0 11	6 30	1 10	24 46	4 8	16 43	16 54	8 47	14 18	1 49
W18	10 20	13 2	4 40	12 52	2 5	12 17	1 23	21 51	0 59	17 59	0 37	21 13	0 7	23 41	0 11	6 29	1 10	24 46	4 8	16 39	16 53	8 51	14 18	1 49
T 19	9 59	7 47	4 10	13 12	1 46	11 51	1 23	21 44	1 0	17 56	0 37	21 12	0 7	23 41	0 11	6 28	1 10	24 46	4 8	16 36	16 52	8 54	14 18	1 49
F 20	9 37	2 19	3 28	13 30	1 27	11 24	1 23	21 37	1 0	17 52	0 37	21 11	0 7	23 41	0 11	6 27	1 10	24 46	4 8	16 33	16 51	8 57	14 17	1 49
S 21	9 16	3n10	2 38	13 44	1 8	10 57	1 24	21 30	1 1	17 49	0 37	21 10	0 7	23 41	0 11	6 26	1 10	24 46	4 8	16 31	16 51	9 0	14 17	1 50
S 22	8 54	8 30	1 41	13 55	0 50	10 30	1 24	21 23	1 1	17 45	0 37	21 9	0 7	23 41	0 11	6 26	1 10	24 46	4 9	16 30	16 50	9 3	14 17	1 50
M23	8 33	13 31	0 40	14 3	0 33	10 2	1 24	21 16	1 2	17 42	0 37	21 8	0 7	23 41	0 11	6 25	1 10	24 45	4 9	16 29	16 49	9 6	14 16	1 50
T 24	8 11	18 3	0n23	14 8	0 16	9 35	1 25	21 8	1 2	17 38	0 37	21 6	0 7	23 41	0 11	6 24	1 10	24 45	4 9	16 29	16 48	9 10	14 16	1 50
W25	7 49	21 55	1 25	14 8	0n 0	9 6	1 25	21 0	1 3	17 35	0 38	21 5	0 8	23 41	0 11	6 23	1 10	24 45	4 9	16 29	16 47	9 13	14 15	1 50
T 26	7 27	24 54	2 25	14 5	0 15	8 38	1 25	20 52	1 3	17 32	0 38	21 4	0 8	23 41	0 11	6 22	1 10	24 45	4 9	16 29	16 46	9 16	14 15	1 51
F 27	7 4	26 46	3 19	13 59	0 29	8 9	1 25	20 45	1 4	17 28	0 38	21 3	0 8	23 41	0 11	6 21	1 10	24 45	4 9	16 29	16 45	9 19	14 14	1 51
S 28	6 42	27 19	4 5	13 48	0 42	7 41	1 25	20 36	1 5	17 25	0 38	21 2	0 8	23 41	0 11	6 20	1 10	24 45	4 9	16 28	16 44	9 22	14 14	1 51
S 29	6 19	26 22	4 40	13 34	0 54	7 11	1 25	20 28	1 5	17 21	0 38	21 1	0 8	23 41	0 11	6 20	1 10	24 45	4 10	16 27	16 43	9 25	14 13	1 51
M30	5 57	23 51	5 1	13 17	1 5	6 42	1 24	20 20	1 6	17 18	0 38	21 0	0 8	23 41	0 11	6 19	1 10	24 45	4 10	16 24	16 42	9 28	14 13	1 51
T 31	5n34	19n52	5n 4	12n56	1n14	6n13	1n24	20n11	1n 6	17n15	0n38	20n59	0n 8	23n41	0n11	6n18	1n10	24n44	4n10	16n22	16n41	9n32	14n12	1s52

Julian Day Number = 2249056.5, Delta T = 06m37s
Ecliptic obliquity = 23°30'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°00'20, Lahiri = 16°07'21 Julian Calendar 1 Aug. 1445 == Greg. Calendar 10 Aug. 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

SEPTEMBER 1445 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 15 5	16♍54'21	3♍48	0♍43	18♍49	5♌27	14♌22	26♋58	28♊25	16♍50	27♋50	14°R46	15♉59	28♈37	13°R36	W 1
T 2	23 19 2	17°52'59	18°33	2°17	20° 4	6° 4	14°34	27° 4	28°27	16°52	27°51	14♉38	15°56	28°44	13♉35	T 2
F 3	23 22 58	18°51'39	3♎28	3°54	21°19	6°41	14°46	27°10	28°28	16°54	27°52	14°30	15°53	28°51	13°33	F 3
S 4	23 26 55	19°50'21	18°25	5°34	22°34	7°19	14°58	27°16	28°29	16°57	27°54	14°26	15°50	28°57	13°32	S 4
S 5	23 30 51	20°49'05	3♏15	7°17	23°48	7°56	15°10	27°21	28°30	16°59	27°55	14°23	15°47	29° 4	13°30	S 5
M 6	23 34 48	21°47'50	17°53	9° 2	25° 3	8°33	15°21	27°27	28°31	17° 1	27°56	14°D23	15°44	29°11	13°29	M 6
T 7	23 38 44	22°46'38	2♐12	10°48	26°18	9°10	15°33	27°33	28°32	17° 3	27°57	14°23	15°40	29°17	13°27	T 7
W 8	23 42 41	23°45'27	16°13	12°35	27°33	9°47	15°45	27°38	28°33	17° 5	27°58	14°24	15°37	29°24	13°25	W 8
T 9	23 46 38	24°44'18	29°54	14°24	28°48	10°24	15°57	27°43	28°34	17° 8	27°59	14°R24	15°34	29°31	13°23	T 9
F 10	23 50 34	25°43'10	13♑18	16°13	0♎ 2	11° 1	16° 8	27°49	28°35	17°10	28° 0	14°23	15°31	29°37	13°22	F 10
S 11	23 54 31	26°42'04	26°25	18° 2	1°17	11°38	16°20	27°54	28°36	17°12	28° 1	14°19	15°28	29°44	13°20	S 11
S 12	23 58 27	27°41'00	9♒17	19°51	2°32	12°15	16°31	27°59	28°37	17°14	28° 2	14°14	15°25	29°51	13°18	S 12
M13	0 2 24	28°39'58	21°56	21°40	3°47	12°51	16°42	28° 4	28°37	17°17	28° 3	14° 6	15°21	29°57	13°16	M13
T 14	0 6 20	29°38'58	4♓23	23°29	5° 2	13°28	16°54	28° 9	28°38	17°19	28° 4	13°58	15°18	0♉ 4	13°14	T 14
W15	0 10 17	0♎38'00	16°40	25°18	6°17	14° 5	17° 5	28°14	28°39	17°21	28° 5	13°50	15°15	0°11	13°12	W15
T 16	0 14 13	1°37'03	28°47	27° 6	7°32	14°41	17°16	28°19	28°39	17°23	28° 6	13°43	15°12	0°17	13°10	T 16
F 17	0 18 10	2°36'09	10♈46	28°53	8°46	15°18	17°27	28°24	28°40	17°25	28° 7	13°37	15° 9	0°24	13° 8	F 17
S 18	0 22 6	3°35'16	22°39	0♎40	10° 1	15°54	17°38	28°29	28°40	17°27	28° 8	13°32	15° 5	0°30	13° 5	S 18
S 19	0 26 3	4°34'26	4♉27	2°27	11°16	16°31	17°49	28°33	28°40	17°30	28° 9	13°30	15° 2	0°37	13° 3	S 19
M20	0 30 0	5°33'38	16°13	4°12	12°31	17° 7	18° 0	28°38	28°41	17°32	28° 9	13°D30	14°59	0°44	13° 1	M20
T 21	0 33 56	6°32'53	28° 1	5°57	13°46	17°43	18°10	28°42	28°41	17°34	28°10	13°31	14°56	0°50	12°58	T 21
W22	0 37 53	7°32'09	9♊55	7°41	15° 1	18°20	18°21	28°47	28°41	17°36	28°11	13°32	14°53	0°57	12°56	W22
T 23	0 41 49	8°31'28	21°59	9°25	16°16	18°56	18°31	28°51	28°41	17°38	28°12	13°34	14°50	1° 4	12°54	T 23
F 24	0 45 46	9°30'50	4♋18	11° 7	17°31	19°32	18°42	28°55	28°42	17°40	28°12	13°R35	14°46	1°10	12°51	F 24
S 25	0 49 42	10°30'14	16°57	12°49	18°46	20° 8	18°52	28°59	28°42	17°42	28°13	13°35	14°43	1°17	12°49	S 25
S 26	0 53 39	11°29'40	29°59	14°31	20° 1	20°44	19° 3	29° 3	28°R42	17°44	28°14	13°34	14°40	1°24	12°46	S 26
M27	0 57 35	12°29'08	13♌29	16°11	21°15	21°20	19°13	29° 7	28°42	17°46	28°14	13°31	14°37	1°30	12°44	M27
T 28	1 1 32	13°28'39	27°27	17°51	22°30	21°56	19°23	29°11	28°41	17°49	28°15	13°27	14°34	1°37	12°41	T 28
W29	1 5 29	14°28'12	11♍53	19°30	23°45	22°32	19°33	29°15	28°41	17°51	28°16	13°23	14°31	1°44	12°38	W29
T 30	1 9 25	15♎27'47	26♍42	21♎ 9	25♎ 0	23♌ 8	19♌43	29♋18	28♊41	17♍53	28♋16	13♉18	14♉27	1♉50	12♉36	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	5n11	14n37	4n49	12n32	1n22	5n43	1n24	20n 3	1n 7	17n11	0n38	20n58	0n 8	23n41	0n11	6n17	1n10	24n44	4n10	16n19	16n41	9n35	14n12	1s52	W 1
T 2	4 48	8 26	4 14	12 5	1 30	5 13	1 23	19 54	1 7	17 8	0 39	20 57	0 8	23 42	0 11	6 16	1 10	24 44	4 10	16 17	16 40	9 38	14 11	1 52	T 2
F 3	4 25	1 42	3 21	11 36	1 36	4 43	1 23	19 45	1 8	17 4	0 39	20 56	0 8	23 42	0 11	6 15	1 10	24 44	4 10	16 14	16 39	9 41	14 10	1 52	F 3
S 4	4 2	5s10	2 15	11 3	1 41	4 13	1 22	19 36	1 9	17 1	0 39	20 55	0 9	23 42	0 11	6 14	1 10	24 44	4 10	16 13	16 38	9 44	14 10	1 52	S 4
S 5	3 39	11 42	0 59	10 29	1 45	3 43	1 22	19 27	1 9	16 58	0 39	20 54	0 9	23 42	0 11	6 14	1 10	24 44	4 11	16 12	16 37	9 47	14 9	1 53	S 5
M 6	3 16	17 31	0s19	9 52	1 48	3 13	1 21	19 18	1 10	16 54	0 39	20 53	0 9	23 42	0 11	6 13	1 10	24 44	4 11	16 12	16 36	9 51	14 8	1 53	M 6
T 7	2 53	22 13	1 35	9 14	1 50	2 42	1 20	19 9	1 10	16 51	0 39	20 52	0 9	23 42	0 11	6 12	1 10	24 44	4 11	16 12	16 35	9 54	14 8	1 53	T 7
W 8	2 29	25 30	2 43	8 34	1 51	2 12	1 20	18 59	1 11	16 48	0 39	20 51	0 9	23 42	0 11	6 11	1 10	24 44	4 11	16 13	16 34	9 57	14 7	1 53	W 8
T 9	2 6	27 11	3 40	7 53	1 52	1 41	1 19	18 50	1 11	16 44	0 40	20 50	0 9	23 42	0 11	6 10	1 10	24 44	4 11	16 13	16 33	10 0	14 6	1 53	T 9
F 10	1 42	27 14	4 24	7 10	1 51	1 10	1 18	18 40	1 12	16 41	0 40	20 49	0 9	23 42	0 11	6 9	1 10	24 44	4 11	16 12	16 32	10 3	14 6	1 54	F 10
S 11	1 19	25 44	4 53	6 26	1 51	0 40	1 17	18 31	1 12	16 38	0 40	20 48	0 9	23 42	0 11	6 8	1 10	24 44	4 12	16 11	16 31	10 6	14 5	1 54	S 11
S 12	0 55	22 55	5 7	5 42	1 49	0 9	1 16	18 21	1 13	16 34	0 40	20 47	0 9	23 42	0 11	6 8	1 10	24 44	4 12	16 9	16 30	10 9	14 4	1 54	S 12
M13	0 32	19 3	5 5	4 57	1 47	0s22	1 15	18 11	1 14	16 31	0 40	20 46	0 10	23 42	0 11	6 7	1 10	24 44	4 12	16 7	16 29	10 12	14 3	1 54	M13
T 14	0 8	14 25	4 49	4 11	1 44	0 53	1 14	18 1	1 14	16 28	0 40	20 45	0 10	23 42	0 12	6 6	1 10	24 44	4 12	16 5	16 28	10 16	14 3	1 54	T 14
W15	0s15	9 16	4 20	3 25	1 41	1 24	1 12	17 51	1 15	16 24	0 40	20 44	0 10	23 42	0 12	6 5	1 10	24 43	4 12	16 2	16 28	10 19	14 2	1 54	W15
T 16	0 39	3 50	3 39	2 39	1 37	1 54	1 11	17 41	1 15	16 21	0 41	20 43	0 10	23 42	0 12	6 4	1 10	24 43	4 12	16 0	16 27	10 22	14 1	1 55	T 16
F 17	1 2	1n42	2 48	1 52	1 33	2 25	1 10	17 30	1 16	16 18	0 41	20 42	0 10	23 42	0 12	6 3	1 10	24 43	4 13	15 58	16 26	10 25	14 0	1 55	F 17
S 18	1 26	7 7	1 51	1 5	1 29	2 56	1 8	17 20	1 16	16 15	0 41	20 42	0 10	23 42	0 12	6 3	1 10	24 43	4 13	15 57	16 25	10 28	13 59	1 55	S 18
S 19	1 49	12 16	0 49	0 19	1 24	3 27	1 7	17 10	1 17	16 12	0 41	20 41	0 10	23 42	0 12	6 2	1 10	24 43	4 13	15 56	16 24	10 31	13 58	1 55	S 19
M20	2 13	16 59	0n15	0s28	1 19	3 57	1 6	16 59	1 18	16 8	0 41	20 40	0 10	23 42	0 12	6 1	1 10	24 43	4 13	15 56	16 23	10 34	13 58	1 55	M20
T 21	2 36	21 3	1 19	1 15	1 14	4 28	1 4	16 48	1 18	16 5	0 41	20 39	0 10	23 42	0 12	6 0	1 10	24 43	4 13	15 57	16 22	10 37	13 57	1 56	T 21
W22	3 0	24 18	2 19	2 1	1 8	4 58	1 2	16 38	1 19	16 2	0 42	20 38	0 11	23 42	0 12	5 59	1 10	24 43	4 13	15 57	16 21	10 41	13 56	1 56	W22
T 23	3 23	26 31	3 15	2 47	1 2	5 29	1 1	16 27	1 19	15 59	0 42	20 38	0 11	23 42	0 12	5 58	1 10	24 43	4 14	15 58	16 20	10 44	13 55	1 56	T 23
F 24	3 47	27 29	4 3	3 33	0 56	5 59	0 59	16 16	1 20	15 56	0 42	20 37	0 11	23 42	0 12	5 58	1 10	24 43	4 14	15 58	16 19	10 47	13 54	1 56	F 24
S 25	4 10	27 4	4 40	4 18	0 50	6 29	0 57	16 5	1 20	15 53	0 42	20 36	0 11	23 42	0 12	5 57	1 10	24 44	4 14	15 58	16 18	10 50	13 53	1 56	S 25
S 26	4 34	25 10	5 5	5 4	0 44	6 59	0 56	15 54	1 21	15 50	0 42	20 35	0 11	23 42	0 12	5 56	1 10	24 44	4 14	15 57	16 17	10 53	13 52	1 56	S 26
M27	4 57	21 49	5 13	5 48	0 38	7 29	0 54	15 43	1 22	15 47	0 42	20 35	0 11	23 42	0 12	5 55	1 10	24 44	4 14	15 57	16 16	10 56	13 51	1 57	M27
T 28	5 20	17 9	5 4	6 33	0 31	7 59	0 52	15 32	1 22	15 44	0 43	20 34	0 11	23 42	0 12	5 54	1 10	24 44	4 14	15 55	16 15	10 59	13 50	1 57	T 28
W29	5 43	11 22	4 36	7 16	0 25	8 28	0 50	15 21	1 23	15 41	0 43	20 33	0 11	23 42	0 12	5 54	1 10	24 44	4 15	15 54	16 14	11 2	13 49	1 57	W29
T 30	6s 6	4n48	3n48	8s 0	0n18	8s58	0n48	15n10	1n23	15n38	0n43	20n33	0n11	23n42	0n12	5n53	1n10	24n44	4n15	15n53	16n14	11n 6	13n48	1s57	T 30

Julian Day Number = 2249087.5, Delta T = 06m37s
Ecliptic obliquity = 23°30'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°00'24, Lahiri = 16°07'25 Julian Calendar 1 Sept. 1445 == Greg. Calendar 10 Sept. 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

OCTOBER 1445 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 13 22	16♎27'24	11♎47	22♎46	26♎15	23♌44	19♌53	29♋22	28°R41	17♍55	28♋17	13°R15	14♉24	1♉57	12°R33	F 1
S 2	1 17 18	17°27'03	26°58	24°24	27°30	24°19	20° 2	29°25	28♊41	17°57	28°17	13♉13	14°21	2° 4	12♉30	S 2
S 3	1 21 15	18°26'45	12♏ 7	26° 0	28°45	24°55	20°12	29°29	28°40	17°59	28°18	13°D12	14°18	2°10	12°27	S 3
M 4	1 25 11	19°26'28	27° 3	27°36	0♏ 0	25°31	20°21	29°32	28°40	18° 1	28°18	13°13	14°15	2°17	12°24	M 4
T 5	1 29 8	20°26'13	11♐41	29°11	1°15	26° 6	20°31	29°35	28°39	18° 3	28°19	13°14	14°11	2°23	12°21	T 5
W 6	1 33 4	21°26'00	25°56	0♏46	2°30	26°42	20°40	29°38	28°39	18° 5	28°19	13°15	14° 8	2°30	12°19	W 6
T 7	1 37 1	22°25'49	9♑45	2°20	3°45	27°17	20°49	29°41	28°38	18° 6	28°19	13°17	14° 5	2°37	12°16	T 7
F 8	1 40 58	23°25'39	23°11	3°54	5° 0	27°52	20°58	29°44	28°38	18° 8	28°20	13°R17	14° 2	2°43	12°13	F 8
S 9	1 44 54	24°25'31	6♒14	5°27	6°15	28°27	21° 7	29°47	28°37	18°10	28°20	13°17	13°59	2°50	12°10	S 9
S 10	1 48 51	25°25'25	18°58	7° 0	7°30	29° 3	21°16	29°49	28°36	18°12	28°20	13°15	13°56	2°57	12° 7	S 10
M11	1 52 47	26°25'20	1♓26	8°32	8°45	29°38	21°25	29°52	28°35	18°14	28°21	13°13	13°52	3° 3	12° 4	M11
T 12	1 56 44	27°25'17	13°41	10° 3	10° 0	0♏13	21°33	29°54	28°35	18°16	28°21	13°11	13°49	3°10	12° 1	T 12
W13	2 0 40	28°25'15	25°45	11°34	11°15	0°48	21°42	29°57	28°34	18°18	28°21	13° 8	13°46	3°17	11°58	W13
T 14	2 4 37	29°25'16	7♈42	13° 5	12°30	1°23	21°50	29°59	28°33	18°19	28°21	13° 6	13°43	3°23	11°55	T 14
F 15	2 8 33	0♏25'18	19°34	14°35	13°45	1°57	21°58	0♌ 1	28°32	18°21	28°22	13° 5	13°40	3°30	11°51	F 15
S 16	2 12 30	1°25'22	1♉23	16° 4	15° 0	2°32	22° 6	0° 3	28°31	18°23	28°22	13° 4	13°36	3°37	11°48	S 16
S 17	2 16 27	2°25'28	13°10	17°34	16°15	3° 7	22°14	0° 5	28°30	18°25	28°22	13°D 3	13°33	3°43	11°45	S 17
M18	2 20 23	3°25'36	24°59	19° 2	17°30	3°41	22°22	0° 7	28°29	18°26	28°22	13° 4	13°30	3°50	11°42	M18
T 19	2 24 20	4°25'46	6♊52	20°30	18°45	4°16	22°30	0° 9	28°27	18°28	28°22	13° 4	13°27	3°57	11°39	T 19
W20	2 28 16	5°25'58	18°51	21°58	20° 0	4°50	22°37	0°10	28°26	18°30	28°22	13° 5	13°24	4° 3	11°36	W20
T 21	2 32 13	6°26'12	0♋59	23°25	21°15	5°25	22°44	0°12	28°25	18°31	28°R22	13° 6	13°21	4°10	11°33	T 21
F 22	2 36 9	7°26'28	13°20	24°51	22°30	5°59	22°52	0°13	28°24	18°33	28°22	13° 7	13°17	4°16	11°29	F 22
S 23	2 40 6	8°26'46	25°58	26°17	23°45	6°33	22°59	0°14	28°22	18°35	28°22	13° 7	13°14	4°23	11°26	S 23
S 24	2 44 2	9°27'06	8♌56	27°42	24°59	7° 7	23° 6	0°15	28°21	18°36	28°22	13°R 7	13°11	4°30	11°23	S 24
M25	2 47 59	10°27'28	22°17	29° 6	26°14	7°41	23°13	0°17	28°19	18°38	28°22	13° 7	13° 8	4°36	11°20	M25
T 26	2 51 56	11°27'51	6♍ 4	0♐30	27°29	8°15	23°19	0°17	28°18	18°39	28°22	13° 7	13° 5	4°43	11°17	T 26
W27	2 55 52	12°28'17	20°16	1°52	28°44	8°49	23°26	0°18	28°16	18°41	28°22	13° 7	13° 2	4°50	11°13	W27
T 28	2 59 49	13°28'45	4♎53	3°14	29°59	9°23	23°32	0°19	28°15	18°42	28°21	13°D 7	12°58	4°56	11°10	T 28
F 29	3 3 45	14°29'14	19°49	4°35	1♐14	9°57	23°39	0°20	28°13	18°44	28°21	13° 7	12°55	5° 3	11° 7	F 29
S 30	3 7 42	15°29'46	4♏58	5°54	2°29	10°30	23°45	0°20	28°12	18°45	28°21	13° 7	12°52	5°10	11° 4	S 30
S 31	3 11 38	16♏30'19	20♏10	7♐12	3♐44	11♍ 4	23♌51	0♌20	28♊10	18♍46	28♋21	13°R 7	12♉49	5♉16	11♉ 1	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	6s29	2s 9	2n44	8s43	0n11	9s27	0n46	14n58	1n24	15n35	0n43	20n32	0n12	23n42	0n12	5n52	1n10	24n44	4n15	15n52	16n13	11n 9	13n47	1s57
S 2	6 52	9 3	1 28	9 25	0 4	9 56	0 44	14 47	1 24	15 32	0 43	20 31	0 12	23 42	0 12	5 51	1 10	24 44	4 15	15 51	16 12	11 12	13 46	1 57
S 3	7 15	15 25	0 6	10 7	0s 2	10 25	0 42	14 35	1 25	15 29	0 44	20 31	0 12	23 42	0 12	5 51	1 10	24 44	4 15	15 51	16 11	11 15	13 45	1 58
M 4	7 38	20 47	1s16	10 48	0 9	10 53	0 40	14 24	1 26	15 26	0 44	20 30	0 12	23 42	0 12	5 50	1 10	24 44	4 16	15 51	16 10	11 18	13 44	1 58
T 5	8 0	24 45	2 31	11 28	0 16	11 21	0 38	14 12	1 26	15 23	0 44	20 30	0 12	23 42	0 12	5 49	1 10	24 44	4 16	15 52	16 9	11 21	13 43	1 58
W 6	8 23	27 1	3 34	12 8	0 23	11 49	0 36	14 1	1 27	15 21	0 44	20 29	0 12	23 42	0 12	5 48	1 10	24 44	4 16	15 52	16 8	11 24	13 42	1 58
T 7	8 45	27 32	4 24	12 47	0 29	12 17	0 33	13 49	1 27	15 18	0 44	20 29	0 12	23 42	0 12	5 48	1 10	24 44	4 16	15 52	16 7	11 27	13 41	1 58
F 8	9 8	26 23	4 57	13 25	0 36	12 44	0 31	13 37	1 28	15 15	0 44	20 28	0 12	23 42	0 12	5 47	1 10	24 44	4 16	15 52	16 6	11 30	13 40	1 58
S 9	9 30	23 50	5 14	14 3	0 43	13 11	0 29	13 26	1 28	15 13	0 45	20 28	0 12	23 42	0 12	5 46	1 10	24 45	4 16	15 52	16 5	11 33	13 39	1 58
S 10	9 52	20 9	5 14	14 40	0 50	13 38	0 27	13 14	1 29	15 10	0 45	20 27	0 13	23 42	0 12	5 46	1 10	24 45	4 17	15 52	16 4	11 36	13 38	1 59
M11	10 14	15 40	5 0	15 16	0 56	14 5	0 24	13 2	1 30	15 7	0 45	20 27	0 13	23 42	0 12	5 45	1 10	24 45	4 17	15 51	16 3	11 40	13 37	1 59
T 12	10 35	10 37	4 33	15 52	1 3	14 31	0 22	12 50	1 30	15 5	0 45	20 27	0 13	23 42	0 12	5 44	1 10	24 45	4 17	15 51	16 2	11 43	13 36	1 59
W13	10 57	5 15	3 53	16 27	1 9	14 56	0 20	12 38	1 31	15 2	0 45	20 26	0 13	23 42	0 12	5 43	1 11	24 45	4 17	15 50	16 1	11 46	13 35	1 59
T 14	11 18	0n15	3 4	17 0	1 15	15 22	0 17	12 26	1 31	15 0	0 46	20 26	0 13	23 42	0 12	5 43	1 11	24 45	4 17	15 49	16 0	11 49	13 34	1 59
F 15	11 39	5 44	2 7	17 33	1 21	15 47	0 15	12 14	1 32	14 57	0 46	20 25	0 13	23 42	0 12	5 42	1 11	24 45	4 18	15 49	15 59	11 52	13 33	1 59
S 16	12 0	10 59	1 4	18 6	1 27	16 11	0 12	12 2	1 32	14 55	0 46	20 25	0 13	23 42	0 12	5 41	1 11	24 45	4 18	15 48	15 58	11 55	13 32	1 59
S 17	12 21	15 51	0n 1	18 37	1 33	16 35	0 10	11 50	1 33	14 52	0 46	20 25	0 13	23 42	0 12	5 41	1 11	24 46	4 18	15 48	15 57	11 58	13 31	1 59
M18	12 42	20 8	1 6	19 7	1 39	16 59	0 8	11 38	1 34	14 50	0 47	20 25	0 14	23 42	0 12	5 40	1 11	24 46	4 18	15 48	15 56	12 1	13 30	2 0
T 19	13 2	23 38	2 8	19 36	1 44	17 22	0 5	11 26	1 34	14 48	0 47	20 24	0 14	23 42	0 12	5 40	1 11	24 46	4 18	15 49	15 55	12 4	13 29	2 0
W20	13 22	26 8	3 6	20 5	1 50	17 45	0 3	11 14	1 35	14 45	0 47	20 24	0 14	23 42	0 12	5 39	1 11	24 46	4 19	15 49	15 55	12 7	13 27	2 0
T 21	13 42	27 27	3 56	20 32	1 55	18 7	0 0	11 2	1 35	14 43	0 47	20 24	0 14	23 42	0 12	5 38	1 11	24 46	4 19	15 49	15 54	12 10	13 26	2 0
F 22	14 2	27 25	4 36	20 59	2 0	18 29	0s 2	10 50	1 36	14 41	0 47	20 24	0 14	23 42	0 12	5 38	1 11	24 46	4 19	15 49	15 53	12 13	13 25	2 0
S 23	14 22	25 59	5 4	21 24	2 5	18 51	0 5	10 38	1 37	14 39	0 48	20 24	0 14	23 42	0 12	5 37	1 11	24 47	4 19	15 49	15 52	12 16	13 24	2 0
S 24	14 41	23 10	5 17	21 48	2 9	19 12	0 7	10 26	1 37	14 37	0 48	20 23	0 14	23 42	0 12	5 37	1 11	24 47	4 19	15 49	15 51	12 20	13 23	2 0
M25	15 0	19 4	5 14	22 11	2 13	19 32	0 10	10 13	1 38	14 35	0 48	20 23	0 14	23 42	0 12	5 36	1 11	24 47	4 19	15 49	15 50	12 23	13 22	2 0
T 26	15 19	13 51	4 53	22 33	2 17	19 52	0 12	10 1	1 38	14 33	0 48	20 23	0 15	23 42	0 12	5 35	1 11	24 47	4 20	15 49	15 49	12 26	13 21	2 0
W27	15 38	7 45	4 14	22 54	2 21	20 11	0 15	9 49	1 39	14 31	0 48	20 23	0 15	23 42	0 12	5 35	1 11	24 47	4 20	15 49	15 48	12 29	13 20	2 1
T 28	15 56	1 4	3 17	23 13	2 24	20 30	0 18	9 37	1 40	14 29	0 49	20 23	0 15	23 42	0 12	5 34	1 11	24 48	4 20	15 49	15 47	12 32	13 19	2 1
F 29	16 14	5s50	2 6	23 31	2 27	20 48	0 20	9 25	1 40	14 27	0 49	20 23	0 15	23 42	0 12	5 34	1 11	24 48	4 20	15 49	15 46	12 35	13 18	2 1
S 30	16 32	12 30	0 45	23 48	2 29	21 5	0 23	9 12	1 41	14 25	0 49	20 23	0 15	23 42	0 12	5 33	1 11	24 48	4 20	15 49	15 45	12 38	13 17	2 1
S 31	16s49	18s28	0s39	24s 4	2s31	21s22	0s25	9n 0	1n41	14n23	0n49	20n23	0n15	23n42	0n12	5n33	1n11	24n48	4n21	15n49	15n44	12n41	13n16	2s 1

Julian Day Number = 2249117.5, Delta T = 06m37s
Ecliptic obliquity = 23°30'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°00'29, Lahiri = 16°07'29 Julian Calendar 1 Oct. 1445 == Greg. Calendar 10 Oct. 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

NOVEMBER 1445 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 15 35	17♏30'54	5♐16	8♐29	4♐59	11♍37	23♌56	0♌21	28°R 8	18♍48	28°R21	13°R 7	12♉46	5♉23	10°R57	M 1
T 2	3 19 31	18°31'30	20° 7	9°44	6°14	12°11	24° 2	0°21	28♊ 6	18°49	28♋20	13♉ 6	12°42	5°30	10♉54	T 2
W 3	3 23 28	19°32'07	4♑36	10°57	7°29	12°44	24° 8	0°R21	28° 5	18°50	28°20	13° 5	12°39	5°36	10°51	W 3
T 4	3 27 25	20°32'46	18°39	12° 8	8°44	13°17	24°13	0°21	28° 3	18°52	28°20	13° 5	12°36	5°43	10°48	T 4
F 5	3 31 21	21°33'26	2♒14	13°16	9°59	13°50	24°18	0°20	28° 1	18°53	28°19	13° 4	12°33	5°50	10°45	F 5
S 6	3 35 18	22°34'07	15°23	14°22	11°14	14°23	24°23	0°20	27°59	18°54	28°19	13° 3	12°30	5°56	10°42	S 6
S 7	3 39 14	23°34'49	28° 8	15°25	12°29	14°56	24°28	0°20	27°57	18°55	28°18	13°D 3	12°27	6° 3	10°39	S 7
M 8	3 43 11	24°35'32	10♓33	16°23	13°44	15°29	24°32	0°19	27°55	18°57	28°18	13° 4	12°23	6° 9	10°36	M 8
T 9	3 47 7	25°36'16	22°42	17°18	14°59	16° 1	24°37	0°19	27°53	18°58	28°17	13° 5	12°20	6°16	10°32	T 9
W10	3 51 4	26°37'02	4♈40	18° 8	16°14	16°34	24°41	0°18	27°51	18°59	28°17	13° 6	12°17	6°23	10°29	W10
T 11	3 55 0	27°37'48	16°31	18°53	17°28	17° 6	24°45	0°17	27°49	19° 0	28°16	13° 7	12°14	6°29	10°26	T 11
F 12	3 58 57	28°38'36	28°18	19°32	18°43	17°38	24°49	0°16	27°46	19° 1	28°16	13° 9	12°11	6°36	10°23	F 12
S 13	4 2 54	29°39'24	10♉ 6	20° 4	19°58	18°11	24°53	0°15	27°44	19° 2	28°15	13°R 9	12° 8	6°43	10°20	S 13
S 14	4 6 50	0♐40'14	21°56	20°28	21°13	18°43	24°57	0°14	27°42	19° 3	28°15	13° 9	12° 4	6°49	10°17	S 14
M15	4 10 47	1°41'05	3♊51	20°44	22°28	19°15	25° 0	0°12	27°40	19° 4	28°14	13° 8	12° 1	6°56	10°15	M15
T 16	4 14 43	2°41'57	15°53	20°R51	23°43	19°46	25° 3	0°11	27°38	19° 5	28°13	13° 6	11°58	7° 3	10°12	T 16
W17	4 18 40	3°42'50	28° 3	20°48	24°58	20°18	25° 6	0° 9	27°35	19° 6	28°13	13° 2	11°55	7° 9	10° 9	W17
T 18	4 22 36	4°43'45	10♋24	20°34	26°13	20°50	25° 9	0° 8	27°33	19° 7	28°12	12°59	11°52	7°16	10° 6	T 18
F 19	4 26 33	5°44'41	22°56	20° 9	27°27	21°21	25°12	0° 6	27°31	19° 7	28°11	12°55	11°48	7°23	10° 3	F 19
S 20	4 30 30	6°45'37	5♌42	19°33	28°42	21°53	25°14	0° 4	27°28	19° 8	28°11	12°52	11°45	7°29	10° 0	S 20
S 21	4 34 26	7°46'35	18°43	18°45	29°57	22°24	25°17	0° 2	27°26	19° 9	28°10	12°49	11°42	7°36	9°58	S 21
M22	4 38 23	8°47'35	2♍ 1	17°47	1♑12	22°55	25°19	29♋59	27°24	19°10	28° 9	12°48	11°39	7°43	9°55	M22
T 23	4 42 19	9°48'35	15°38	16°40	2°27	23°26	25°21	29°58	27°21	19°10	28° 8	12°D48	11°36	7°49	9°52	T 23
W24	4 46 16	10°49'37	29°35	15°26	3°41	23°57	25°23	29°56	27°19	19°11	28° 7	12°49	11°33	7°56	9°50	W24
T 25	4 50 12	11°50'39	13♎52	14° 6	4°56	24°27	25°24	29°53	27°16	19°12	28° 6	12°51	11°29	8° 2	9°47	T 25
F 26	4 54 9	12°51'43	28°27	12°43	6°11	24°58	25°25	29°51	27°14	19°12	28° 6	12°52	11°26	8° 9	9°44	F 26
S 27	4 58 5	13°52'48	13♏16	11°20	7°26	25°28	25°27	29°48	27°11	19°13	28° 5	12°R53	11°23	8°16	9°42	S 27
S 28	5 2 2	14°53'54	28°13	10° 1	8°41	25°58	25°28	29°45	27° 9	19°13	28° 4	12°52	11°20	8°22	9°39	S 28
M29	5 5 59	15°55'01	13♐10	8°46	9°55	26°29	25°28	29°43	27° 6	19°14	28° 3	12°49	11°17	8°29	9°37	M29
T 30	5 9 55	16♐56'08	28♐ 0	7♐40	11♑10	26♍59	25♌29	29♋40	27♊ 4	19♍14	28♋ 2	12♉45	11♉14	8♉36	9♉35	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	17s 7	23s13	2s 0	24s18	2s33	21s39	0s28	8n48	1n42	14n22	0n50	20n23	0n15	23n42	0n12	5n32	1n11	24n49	4n21	15n49	15n43	12n44	13n15	2s 1
T 2	17 24	26 20	3 12	24 31	2 34	21 54	0 30	8 36	1 43	14 20	0 50	20 23	0 15	23 42	0 12	5 32	1 11	24 49	4 21	15 49	15 42	12 47	13 14	2 1
W 3	17 40	27 35	4 9	24 42	2 34	22 10	0 32	8 23	1 43	14 18	0 50	20 24	0 16	23 42	0 12	5 31	1 11	24 49	4 21	15 49	15 41	12 50	13 12	2 1
T 4	17 57	26 59	4 49	24 52	2 34	22 24	0 35	8 11	1 44	14 17	0 50	20 24	0 16	23 42	0 12	5 31	1 11	24 49	4 21	15 49	15 40	12 53	13 11	2 1
F 5	18 13	24 47	5 12	25 0	2 33	22 38	0 37	7 59	1 44	14 15	0 51	20 24	0 16	23 42	0 13	5 30	1 11	24 50	4 21	15 48	15 39	12 56	13 10	2 1
S 6	18 28	21 19	5 17	25 6	2 32	22 51	0 40	7 47	1 45	14 14	0 51	20 24	0 16	23 42	0 13	5 30	1 11	24 50	4 22	15 48	15 38	12 59	13 9	2 1
S 7	18 44	16 57	5 7	25 11	2 30	23 4	0 42	7 35	1 46	14 13	0 51	20 24	0 16	23 42	0 13	5 30	1 12	24 50	4 22	15 48	15 37	13 2	13 8	2 1
M 8	18 59	11 59	4 42	25 15	2 26	23 15	0 45	7 23	1 46	14 11	0 51	20 25	0 16	23 42	0 13	5 29	1 12	24 50	4 22	15 48	15 36	13 5	13 7	2 2
T 9	19 13	6 39	4 5	25 16	2 22	23 26	0 47	7 10	1 47	14 10	0 52	20 25	0 16	23 42	0 13	5 29	1 12	24 51	4 22	15 49	15 35	13 8	13 6	2 2
W10	19 28	1 10	3 18	25 16	2 17	23 37	0 49	6 58	1 48	14 9	0 52	20 25	0 17	23 42	0 13	5 28	1 12	24 51	4 22	15 49	15 34	13 11	13 5	2 2
T 11	19 42	4n19	2 22	25 14	2 11	23 47	0 52	6 46	1 48	14 8	0 52	20 25	0 17	23 42	0 13	5 28	1 12	24 51	4 23	15 50	15 33	13 14	13 4	2 2
F 12	19 55	9 38	1 21	25 10	2 4	23 56	0 54	6 34	1 49	14 7	0 52	20 26	0 17	23 42	0 13	5 28	1 12	24 51	4 23	15 50	15 32	13 17	13 3	2 2
S 13	20 8	14 37	0 17	25 4	1 56	24 4	0 56	6 22	1 50	14 6	0 53	20 26	0 17	23 42	0 13	5 27	1 12	24 52	4 23	15 50	15 31	13 20	13 2	2 2
S 14	20 21	19 5	0n48	24 56	1 46	24 11	0 58	6 10	1 50	14 5	0 53	20 27	0 17	23 42	0 13	5 27	1 12	24 52	4 23	15 50	15 30	13 23	13 1	2 2
M15	20 34	22 49	1 52	24 46	1 35	24 18	1 0	5 58	1 51	14 4	0 53	20 27	0 17	23 42	0 13	5 27	1 12	24 52	4 23	15 50	15 29	13 26	13 0	2 2
T 16	20 46	25 36	2 51	24 34	1 23	24 24	1 3	5 46	1 51	14 3	0 53	20 27	0 17	23 42	0 13	5 26	1 12	24 53	4 23	15 49	15 28	13 29	12 59	2 2
W17	20 58	27 13	3 43	24 20	1 9	24 30	1 5	5 34	1 52	14 2	0 54	20 28	0 17	23 42	0 13	5 26	1 12	24 53	4 24	15 48	15 27	13 32	12 58	2 2
T 18	21 9	27 31	4 25	24 4	0 53	24 34	1 7	5 22	1 53	14 1	0 54	20 28	0 18	23 42	0 13	5 26	1 12	24 53	4 24	15 47	15 26	13 35	12 58	2 2
F 19	21 20	26 25	4 56	23 45	0 36	24 38	1 9	5 10	1 53	14 1	0 54	20 29	0 18	23 42	0 13	5 25	1 12	24 54	4 24	15 46	15 25	13 38	12 57	2 2
S 20	21 30	23 56	5 12	23 24	0 18	24 41	1 11	4 59	1 54	14 0	0 54	20 29	0 18	23 42	0 13	5 25	1 12	24 54	4 24	15 45	15 24	13 41	12 56	2 2
S 21	21 40	20 13	5 13	23 1	0n 1	24 43	1 13	4 47	1 55	13 59	0 55	20 30	0 18	23 42	0 13	5 25	1 12	24 54	4 24	15 44	15 23	13 44	12 55	2 2
M22	21 50	15 24	4 57	22 36	0 21	24 45	1 15	4 35	1 55	13 59	0 55	20 30	0 18	23 42	0 13	5 25	1 12	24 55	4 24	15 44	15 22	13 47	12 54	2 2
T 23	21 59	9 45	4 25	22 10	0 41	24 46	1 16	4 23	1 56	13 59	0 55	20 31	0 18	23 42	0 13	5 24	1 12	24 55	4 25	15 44	15 22	13 50	12 53	2 2
W24	22 8	3 28	3 36	21 42	1 1	24 46	1 18	4 12	1 57	13 58	0 55	20 32	0 18	23 42	0 13	5 24	1 12	24 55	4 25	15 44	15 21	13 53	12 52	2 2
T 25	22 17	3s 8	2 33	21 13	1 21	24 45	1 20	4 0	1 57	13 58	0 56	20 32	0 18	23 42	0 13	5 24	1 12	24 56	4 25	15 44	15 20	13 56	12 51	2 2
F 26	22 25	9 44	1 18	20 45	1 40	24 44	1 22	3 49	1 58	13 58	0 56	20 33	0 19	23 42	0 13	5 24	1 12	24 56	4 25	15 45	15 19	13 59	12 51	2 2
S 27	22 32	15 54	0s 2	20 17	1 57	24 41	1 23	3 37	1 59	13 58	0 56	20 34	0 19	23 42	0 13	5 24	1 12	24 56	4 25	15 45	15 18	14 2	12 50	2 2
S 28	22 39	21 10	1 23	19 50	2 12	24 38	1 25	3 26	1 59	13 57	0 56	20 34	0 19	23 42	0 13	5 23	1 13	24 57	4 25	15 45	15 17	14 5	12 49	2 2
M29	22 46	25 4	2 38	19 26	2 26	24 35	1 26	3 14	2 0	13 57	0 57	20 35	0 19	23 42	0 13	5 23	1 13	24 57	4 25	15 44	15 16	14 8	12 48	2 2
T 30	22s52	27s12	3s42	19s 5	2n37	24s30	1s28	3n 3	2n 1	13n57	0n57	20n36	0n19	23n42	0n13	5n23	1n13	24n57	4n26	15n43	15n15	14n11	12n47	2s 2

Julian Day Number = 2249148.5, Delta T = 06m37s
Ecliptic obliquity = 23°30'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°00'33, Lahiri = 16°07'33 Julian Calendar 1 Nov. 1445 == Greg. Calendar 10 Nov. 1445

ASTRODIENST EPHEMERIS for the year 1445
geocentric

DECEMBER 1445 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 13 52	17♐57'16	12♉32	6°R42	12♉25	27♍28	25♌29	29°R37	27°R 1	19♍15	28°R 1	12°R40	11♉10	8♉42	9°R32	W 1
T 2	5 17 48	18°58'24	26°42	5♐55	13°40	27°58	25°30	29♋34	26♊59	19°15	28♋ 0	12♉34	11° 7	8°49	9♉30	T 2
F 3	5 21 45	19°59'33	10♒26	5°18	14°54	28°27	25°R30	29°31	26°56	19°15	27°59	12°28	11° 4	8°56	9°28	F 3
S 4	5 25 41	21° 0'42	23°42	4°53	16° 9	28°57	25°29	29°27	26°54	19°16	27°58	12°23	11° 1	9° 2	9°26	S 4
S 5	5 29 38	22° 1'51	6♓32	4°38	17°24	29°26	25°29	29°24	26°51	19°16	27°57	12°20	10°58	9° 9	9°23	S 5
M 6	5 33 34	23° 3'00	19° 0	4°D34	18°38	29°55	25°28	29°21	26°49	19°16	27°56	12°D19	10°54	9°16	9°21	M 6
T 7	5 37 31	24° 4'09	1♈10	4°39	19°53	0♎23	25°28	29°17	26°46	19°16	27°55	12°19	10°51	9°22	9°19	T 7
W 8	5 41 28	25° 5'19	13° 7	4°53	21° 8	0°52	25°27	29°14	26°43	19°17	27°54	12°20	10°48	9°29	9°17	W 8
T 9	5 45 24	26° 6'28	24°56	5°15	22°22	1°20	25°25	29°10	26°41	19°17	27°53	12°22	10°45	9°35	9°15	T 9
F 10	5 49 21	27° 7'37	6♉42	5°44	23°37	1°48	25°24	29° 6	26°38	19°17	27°51	12°R23	10°42	9°42	9°13	F 10
S 11	5 53 17	28° 8'47	18°31	6°20	24°51	2°16	25°23	29° 2	26°36	19°17	27°50	12°23	10°39	9°49	9°12	S 11
S 12	5 57 14	29° 9'57	0♊25	7° 2	26° 6	2°44	25°21	28°59	26°33	19°17	27°49	12°21	10°35	9°55	9°10	S 12
M13	6 1 10	0♉11'06	12°28	7°49	27°20	3°12	25°19	28°55	26°31	19°R17	27°48	12°17	10°32	10° 2	9° 8	M13
T 14	6 5 7	1°12'16	24°42	8°41	28°35	3°39	25°17	28°51	26°28	19°17	27°47	12°10	10°29	10° 9	9° 7	T 14
W15	6 9 3	2°13'26	7♋ 8	9°37	29°49	4° 7	25°14	28°47	26°25	19°17	27°46	12° 2	10°26	10°15	9° 5	W15
T 16	6 13 0	3°14'36	19°47	10°37	1♒ 4	4°34	25°12	28°42	26°23	19°17	27°44	11°52	10°23	10°22	9° 3	T 16
F 17	6 16 57	4°15'46	2♌39	11°40	2°18	5° 0	25° 9	28°38	26°20	19°17	27°43	11°42	10°20	10°29	9° 2	F 17
S 18	6 20 53	5°16'56	15°43	12°46	3°32	5°27	25° 6	28°34	26°18	19°16	27°42	11°33	10°16	10°35	9° 0	S 18
S 19	6 24 50	6°18'06	28°59	13°54	4°47	5°53	25° 3	28°30	26°15	19°16	27°41	11°26	10°13	10°42	8°59	S 19
M20	6 28 46	7°19'16	12♍26	15° 5	6° 1	6°19	25° 0	28°25	26°13	19°16	27°39	11°20	10°10	10°49	8°58	M20
T 21	6 32 43	8°20'27	26° 5	16°17	7°15	6°45	24°56	28°21	26°10	19°16	27°38	11°17	10° 7	10°55	8°57	T 21
W22	6 36 39	9°21'37	9♎55	17°32	8°30	7°11	24°53	28°16	26° 8	19°15	27°37	11°D17	10° 4	11° 2	8°55	W22
T 23	6 40 36	10°22'48	23°58	18°48	9°44	7°36	24°49	28°12	26° 5	19°15	27°36	11°17	10° 0	11° 9	8°54	T 23
F 24	6 44 32	11°23'58	8♏12	20° 6	10°58	8° 1	24°45	28° 7	26° 3	19°15	27°34	11°R18	9°57	11°15	8°53	F 24
S 25	6 48 29	12°25'09	22°36	21°25	12°12	8°26	24°41	28° 3	26° 0	19°14	27°33	11°17	9°54	11°22	8°52	S 25
S 26	6 52 26	13°26'20	7♐ 7	22°45	13°27	8°51	24°37	27°58	25°58	19°14	27°32	11°15	9°51	11°28	8°51	S 26
M27	6 56 22	14°27'30	21°41	24° 7	14°41	9°15	24°32	27°53	25°55	19°13	27°30	11° 9	9°48	11°35	8°50	M27
T 28	7 0 19	15°28'41	6♑11	25°29	15°55	9°39	24°27	27°48	25°53	19°13	27°29	11° 1	9°45	11°42	8°50	T 28
W29	7 4 15	16°29'50	20°30	26°52	17° 9	10° 3	24°23	27°44	25°51	19°12	27°28	10°51	9°41	11°48	8°49	W29
T 30	7 8 12	17°31'00	4♒33	28°17	18°23	10°27	24°17	27°39	25°48	19°12	27°26	10°40	9°38	11°55	8°48	T 30
F 31	7 12 8	18♑32'08	18♒14	29♐42	19♒37	10♎50	24♌12	27♋34	25♊46	19♍11	27♋25	10♉28	9♉35	12♉ 2	8♉48	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	22s58	27s24	4s30	18s47	2n45	24s25	1s29	2n52	2n 1	13n58	0n57	20n37	0n19	23n42	0n13	5n23	1n13	24n58	4n26	15n41	15n14	14n14	12n47	2s 2
T 2	23 3	25 47	5 0	18 33	2 51	24 19	1 31	2 41	2 2	13 58	0 57	20 37	0 19	23 42	0 13	5 23	1 13	24 58	4 26	15 39	15 13	14 17	12 46	2 2
F 3	23 8	22 40	5 11	18 22	2 55	24 12	1 32	2 30	2 3	13 58	0 58	20 38	0 20	23 42	0 13	5 23	1 13	24 58	4 26	15 38	15 12	14 20	12 45	2 2
S 4	23 12	18 27	5 5	18 16	2 57	24 5	1 33	2 18	2 3	13 58	0 58	20 39	0 20	23 42	0 13	5 23	1 13	24 59	4 26	15 36	15 11	14 23	12 44	2 2
S 5	23 16	13 32	4 44	18 13	2 58	23 56	1 35	2 7	2 4	13 59	0 58	20 40	0 20	23 41	0 13	5 23	1 13	24 59	4 26	15 35	15 10	14 26	12 44	2 2
M 6	23 20	8 12	4 10	18 14	2 56	23 47	1 36	1 57	2 5	13 59	0 58	20 41	0 20	23 41	0 13	5 23	1 13	24 59	4 27	15 35	15 9	14 29	12 43	2 2
T 7	23 23	2 40	3 25	18 17	2 54	23 38	1 37	1 46	2 6	14 0	0 59	20 41	0 20	23 41	0 13	5 23	1 13	25 0	4 27	15 35	15 8	14 32	12 43	2 2
W 8	23 25	2n51	2 32	18 23	2 50	23 27	1 38	1 35	2 6	14 0	0 59	20 42	0 20	23 41	0 13	5 23	1 13	25 0	4 27	15 35	15 7	14 35	12 42	2 2
T 9	23 27	8 14	1 33	18 32	2 45	23 16	1 39	1 24	2 7	14 1	0 59	20 43	0 20	23 41	0 13	5 23	1 13	25 0	4 27	15 36	15 6	14 38	12 41	2 2
F 10	23 29	13 19	0 31	18 43	2 39	23 5	1 39	1 14	2 8	14 2	1 0	20 44	0 20	23 41	0 13	5 23	1 13	25 1	4 27	15 36	15 5	14 41	12 41	2 2
S 11	23 30	17 55	0n33	18 55	2 33	22 52	1 40	1 3	2 8	14 2	1 0	20 45	0 21	23 41	0 13	5 23	1 13	25 1	4 27	15 36	15 4	14 44	12 40	2 2
S 12	23 31	21 52	1 36	19 9	2 26	22 39	1 41	0 53	2 9	14 3	1 0	20 46	0 21	23 41	0 13	5 23	1 13	25 2	4 27	15 35	15 3	14 47	12 40	2 2
M13	23 31	24 55	2 35	19 24	2 19	22 25	1 42	0 43	2 10	14 4	1 0	20 47	0 21	23 41	0 13	5 23	1 13	25 2	4 27	15 34	15 2	14 50	12 39	2 2
T 14	23 30	26 52	3 28	19 40	2 11	22 11	1 42	0 32	2 11	14 5	1 1	20 48	0 21	23 41	0 13	5 23	1 13	25 2	4 28	15 32	15 1	14 53	12 39	2 2
W15	23 30	27 30	4 12	19 56	2 3	21 55	1 43	0 22	2 11	14 6	1 1	20 49	0 21	23 41	0 13	5 23	1 13	25 3	4 28	15 30	15 0	14 56	12 38	2 2
T 16	23 28	26 44	4 44	20 13	1 55	21 40	1 43	0 12	2 12	14 7	1 1	20 50	0 21	23 41	0 13	5 23	1 13	25 3	4 28	15 27	14 59	14 58	12 38	2 2
F 17	23 27	24 32	5 2	20 30	1 46	21 23	1 44	0 2	2 13	14 8	1 1	20 51	0 21	23 41	0 13	5 23	1 13	25 3	4 28	15 24	14 58	15 1	12 37	2 2
S 18	23 24	21 1	5 5	20 47	1 38	21 6	1 44	0s 8	2 13	14 10	1 2	20 52	0 21	23 41	0 13	5 23	1 14	25 4	4 28	15 21	14 57	15 4	12 37	2 2
S 19	23 22	16 25	4 52	21 4	1 29	20 49	1 44	0 18	2 14	14 11	1 2	20 53	0 22	23 41	0 13	5 23	1 14	25 4	4 28	15 18	14 56	15 7	12 36	2 2
M20	23 19	10 57	4 22	21 21	1 20	20 30	1 44	0 27	2 15	14 12	1 2	20 54	0 22	23 41	0 13	5 23	1 14	25 4	4 28	15 17	14 55	15 10	12 36	2 2
T 21	23 15	4 53	3 38	21 37	1 12	20 12	1 44	0 37	2 16	14 14	1 2	20 55	0 22	23 41	0 13	5 24	1 14	25 5	4 28	15 16	14 54	15 13	12 35	2 2
W22	23 11	1s30	2 40	21 53	1 3	19 52	1 44	0 46	2 16	14 15	1 3	20 56	0 22	23 40	0 13	5 24	1 14	25 5	4 29	15 16	14 53	15 16	12 35	2 2
T 23	23 6	7 55	1 31	22 8	0 54	19 32	1 44	0 56	2 17	14 17	1 3	20 57	0 22	23 40	0 13	5 24	1 14	25 6	4 29	15 16	14 52	15 19	12 35	2 2
F 24	23 1	14 1	0 17	22 23	0 46	19 12	1 44	1 5	2 18	14 18	1 3	20 58	0 22	23 40	0 13	5 24	1 14	25 6	4 29	15 16	14 51	15 22	12 34	2 2
S 25	22 56	19 27	1s 0	22 37	0 37	18 51	1 44	1 14	2 19	14 20	1 3	20 59	0 22	23 40	0 13	5 24	1 14	25 6	4 29	15 16	14 50	15 25	12 34	2 2
S 26	22 50	23 45	2 13	22 50	0 29	18 29	1 43	1 23	2 19	14 21	1 4	21 0	0 22	23 40	0 13	5 24	1 14	25 7	4 29	15 15	14 49	15 28	12 34	2 2
M27	22 44	26 33	3 18	23 2	0 21	18 7	1 43	1 32	2 20	14 23	1 4	21 1	0 23	23 40	0 13	5 25	1 14	25 7	4 29	15 13	14 48	15 30	12 34	2 2
T 28	22 37	27 31	4 9	23 13	0 13	17 45	1 42	1 41	2 21	14 25	1 4	21 2	0 23	23 40	0 13	5 25	1 14	25 7	4 29	15 11	14 47	15 33	12 33	2 2
W29	22 29	26 37	4 44	23 24	0 5	17 21	1 42	1 49	2 22	14 27	1 4	21 3	0 23	23 40	0 13	5 25	1 14	25 8	4 29	15 8	14 46	15 36	12 33	2 2
T 30	22 22	24 3	5 1	23 33	0s 3	16 58	1 41	1 58	2 22	14 29	1 5	21 4	0 23	23 40	0 13	5 25	1 14	25 8	4 29	15 4	14 45	15 39	12 33	2 2
F 31	22s14	20s10	5s 0	23s41	0s11	16s34	1s40	2s 6	2n23	14n31	1n 5	21n 5	0n23	23n40	0n13	5n26	1n14	25n 9	4n29	15n 0	14n44	15n42	12n33	2s 2

Julian Day Number = 2249178.5, Delta T = 06m37s
Ecliptic obliquity = 23°30'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°00'37, Lahiri = 16°07'37 Julian Calendar 1 Dec. 1445 == Greg. Calendar 10 Dec. 1445