Astrodienst Ephemeris Tables

for the year 1452

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 1452
geocentric

JANUARY 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 14 19	19♑ 5'55	27♈21	26♐11	13♑59	2♐31	8♒12	18♎34	24°R 9	2°R25	6°R41	13♑43	13♑31	16♑14	18°R 4	S 1
S 2	7 18 16	20° 7'01	10♉55	27°26	15°14	3°12	8°26	18°36	24♋ 6	2♎25	6♌40	13°43	13°28	16°21	18♊ 1	S 2
M 3	7 22 12	21° 8'06	24°56	28°41	16°29	3°53	8°40	18°38	24° 3	2°24	6°39	13°44	13°25	16°28	17°57	M 3
T 4	7 26 9	22° 9'10	9♊23	29°59	17°45	4°34	8°54	18°40	24° 1	2°24	6°37	13°45	13°21	16°34	17°54	T 4
W 5	7 30 6	23°10'13	24°12	1♑17	19° 0	5°15	9° 9	18°41	23°58	2°24	6°36	13°45	13°18	16°41	17°52	W 5
T 6	7 34 2	24°11'16	9♋18	2°37	20°16	5°56	9°23	18°43	23°56	2°24	6°35	13°R46	13°15	16°48	17°49	T 6
F 7	7 37 59	25°12'17	24°32	3°58	21°31	6°37	9°37	18°44	23°53	2°23	6°33	13°46	13°12	16°54	17°46	F 7
S 8	7 41 55	26°13'18	9♌45	5°20	22°46	7°19	9°51	18°45	23°50	2°23	6°32	13°45	13° 9	17° 1	17°43	S 8
S 9	7 45 52	27°14'18	24°46	6°44	24° 2	8° 0	10° 5	18°46	23°48	2°22	6°30	13°44	13° 6	17° 7	17°40	S 9
M10	7 49 48	28°15'17	9♍27	8° 8	25°17	8°41	10°19	18°47	23°45	2°22	6°29	13°42	13° 2	17°14	17°38	M10
T 11	7 53 45	29°16'16	23°44	9°33	26°32	9°22	10°33	18°48	23°42	2°21	6°28	13°40	12°59	17°21	17°35	T 11
W12	7 57 41	0♒17'13	7♎32	10°59	27°48	10° 4	10°48	18°49	23°40	2°21	6°26	13°38	12°56	17°27	17°32	W12
T 13	8 1 38	1°18'10	20°52	12°26	29° 3	10°45	11° 2	18°50	23°37	2°20	6°25	13°37	12°53	17°34	17°30	T 13
F 14	8 5 35	2°19'07	3♏47	13°53	0♒18	11°26	11°16	18°50	23°35	2°20	6°23	13°D37	12°50	17°41	17°28	F 14
S 15	8 9 31	3°20'02	16°19	15°22	1°34	12° 8	11°31	18°51	23°32	2°19	6°22	13°37	12°46	17°47	17°25	S 15
S 16	8 13 28	4°20'57	28°34	16°51	2°49	12°49	11°45	18°51	23°30	2°18	6°21	13°38	12°43	17°54	17°23	S 16
M17	8 17 24	5°21'51	10♐35	18°21	4° 4	13°30	11°59	18°52	23°27	2°18	6°19	13°40	12°40	18° 1	17°21	M17
T 18	8 21 21	6°22'45	22°27	19°52	5°20	14°12	12°14	18°52	23°24	2°17	6°18	13°42	12°37	18° 7	17°19	T 18
W19	8 25 17	7°23'37	4♑15	21°24	6°35	14°53	12°28	18°R52	23°22	2°16	6°16	13°43	12°34	18°14	17°17	W19
T 20	8 29 14	8°24'28	16° 1	22°56	7°50	15°35	12°42	18°52	23°19	2°15	6°15	13°R43	12°31	18°21	17°15	T 20
F 21	8 33 11	9°25'18	27°49	24°30	9° 6	16°16	12°57	18°52	23°17	2°14	6°13	13°42	12°27	18°27	17°13	F 21
S 22	8 37 7	10°26'07	9♒40	26° 4	10°21	16°58	13°11	18°51	23°14	2°14	6°12	13°40	12°24	18°34	17°11	S 22
S 23	8 41 4	11°26'54	21°38	27°38	11°36	17°39	13°25	18°51	23°12	2°13	6°11	13°36	12°21	18°40	17° 9	S 23
M24	8 45 0	12°27'40	3♓43	29°14	12°51	18°21	13°40	18°51	23°10	2°12	6° 9	13°32	12°18	18°47	17° 8	M24
T 25	8 48 57	13°28'24	15°57	0♒50	14° 7	19° 2	13°54	18°50	23° 7	2°11	6° 8	13°26	12°15	18°54	17° 6	T 25
W26	8 52 53	14°29'07	28°22	2°27	15°22	19°44	14° 9	18°49	23° 5	2°10	6° 6	13°21	12°12	19° 0	17° 4	W26
T 27	8 56 50	15°29'49	11♈ 0	4° 5	16°37	20°26	14°23	18°49	23° 2	2° 9	6° 5	13°16	12° 8	19° 7	17° 3	T 27
F 28	9 0 46	16°30'28	23°52	5°44	17°52	21° 7	14°37	18°48	23° 0	2° 8	6° 4	13°12	12° 5	19°14	17° 2	F 28
S 29	9 4 43	17°31'06	7♉ 0	7°24	19° 7	21°49	14°52	18°47	22°58	2° 7	6° 2	13°10	12° 2	19°20	17° 0	S 29
S 30	9 8 39	18°31'43	20°28	9° 4	20°23	22°30	15° 6	18°46	22°55	2° 6	6° 1	13°D10	11°59	19°27	16°59	S 30
M31	9 12 36	19♒32'17	4♊15	10♒46	21♒38	23♐12	15♒20	18♎44	22♋53	2♎ 5	5♌59	13♑10	11♑56	19♑34	16♊58	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	22s 9	15n21	5n 9	22s37	0n50	23s23	0s37	20s29	0n15	18s55	0s41	4s59	2n31	21n53	0n33	0n25	1n30	25n34	7n 9	22s48	22s49	22s17	16n55	6s 5
S 2	22 0	19 37	4 43	22 48	0 41	23 17	0 39	20 38	0 14	18 52	0 41	4 59	2 31	21 54	0 33	0 25	1 30	25 34	7 9	22 48	22 50	22 15	16 55	6 5
M 3	21 51	22 56	4 0	22 58	0 32	23 10	0 41	20 46	0 13	18 48	0 41	4 59	2 31	21 54	0 33	0 25	1 30	25 35	7 9	22 48	22 50	22 13	16 55	6 5
T 4	21 41	24 53	3 0	23 7	0 24	23 3	0 43	20 55	0 13	18 44	0 41	5 0	2 32	21 55	0 33	0 25	1 30	25 35	7 9	22 48	22 50	22 12	16 55	6 4
W 5	21 31	25 10	1 47	23 15	0 15	22 55	0 46	21 3	0 12	18 41	0 41	5 0	2 32	21 55	0 33	0 26	1 30	25 36	7 9	22 48	22 51	22 10	16 54	6 4
T 6	21 20	23 36	0 25	23 22	0 7	22 46	0 48	21 11	0 11	18 37	0 41	5 0	2 32	21 56	0 33	0 26	1 30	25 36	7 9	22 48	22 51	22 8	16 54	6 4
F 7	21 9	20 18	1s 0	23 28	0s 1	22 36	0 49	21 18	0 11	18 33	0 41	5 1	2 32	21 56	0 33	0 26	1 31	25 37	7 10	22 48	22 51	22 6	16 54	6 4
S 8	20 58	15 37	2 19	23 33	0 9	22 26	0 51	21 26	0 10	18 30	0 41	5 1	2 33	21 57	0 33	0 26	1 31	25 37	7 10	22 48	22 52	22 5	16 54	6 4
S 9	20 46	10 2	3 28	23 37	0 17	22 15	0 53	21 34	0 9	18 26	0 41	5 1	2 33	21 57	0 33	0 26	1 31	25 38	7 10	22 48	22 52	22 3	16 54	6 3
M10	20 34	4 0	4 22	23 40	0 24	22 3	0 55	21 41	0 8	18 22	0 41	5 1	2 33	21 58	0 33	0 27	1 31	25 38	7 10	22 48	22 52	22 1	16 54	6 3
T 11	20 22	2s 4	4 58	23 42	0 32	21 50	0 57	21 48	0 8	18 18	0 41	5 1	2 34	21 58	0 33	0 27	1 31	25 39	7 10	22 48	22 52	22 0	16 54	6 3
W12	20 9	7 49	5 15	23 42	0 39	21 37	0 59	21 55	0 7	18 14	0 41	5 1	2 34	21 58	0 33	0 27	1 31	25 39	7 10	22 49	22 53	21 58	16 54	6 3
T 13	19 56	13 1	5 14	23 41	0 46	21 24	1 0	22 1	0 6	18 11	0 41	5 1	2 34	21 59	0 33	0 27	1 31	25 39	7 10	22 49	22 53	21 56	16 54	6 2
F 14	19 42	17 28	4 57	23 39	0 53	21 9	1 2	22 8	0 5	18 7	0 41	5 1	2 34	21 59	0 33	0 28	1 31	25 40	7 10	22 49	22 53	21 54	16 55	6 2
S 15	19 28	21 1	4 27	23 36	0 59	20 54	1 4	22 14	0 5	18 3	0 41	5 1	2 35	22 0	0 33	0 28	1 31	25 40	7 10	22 49	22 54	21 53	16 55	6 2
S 16	19 14	23 33	3 44	23 31	1 5	20 39	1 5	22 20	0 4	17 59	0 42	5 1	2 35	22 0	0 33	0 28	1 31	25 41	7 11	22 49	22 54	21 51	16 55	6 1
M17	18 59	24 57	2 53	23 25	1 11	20 23	1 7	22 26	0 3	17 55	0 42	5 1	2 35	22 1	0 33	0 29	1 31	25 41	7 11	22 48	22 54	21 49	16 55	6 1
T 18	18 44	25 12	1 55	23 18	1 17	20 6	1 8	22 32	0 2	17 51	0 42	5 1	2 35	22 1	0 33	0 29	1 31	25 42	7 11	22 48	22 55	21 47	16 55	6 1
W19	18 29	24 19	0 52	23 9	1 22	19 48	1 10	22 38	0 2	17 47	0 42	5 1	2 36	22 2	0 33	0 29	1 31	25 42	7 11	22 48	22 55	21 46	16 55	6 1
T 20	18 13	22 20	0n13	22 59	1 27	19 30	1 11	22 43	0 1	17 43	0 42	5 0	2 36	22 2	0 33	0 30	1 31	25 43	7 11	22 48	22 55	21 44	16 55	6 0
F 21	17 57	19 24	1 17	22 48	1 32	19 12	1 12	22 48	0s 0	17 39	0 42	5 0	2 36	22 2	0 33	0 30	1 31	25 43	7 11	22 48	22 56	21 42	16 55	6 0
S 22	17 41	15 40	2 18	22 35	1 37	18 53	1 14	22 53	0 1	17 35	0 42	5 0	2 37	22 3	0 33	0 30	1 31	25 43	7 11	22 48	22 56	21 40	16 55	6 0
S 23	17 24	11 17	3 13	22 21	1 41	18 33	1 15	22 58	0 2	17 31	0 42	4 59	2 37	22 3	0 33	0 31	1 31	25 44	7 11	22 49	22 56	21 39	16 56	5 59
M24	17 7	6 26	4 1	22 5	1 45	18 13	1 16	23 2	0 3	17 27	0 42	4 59	2 37	22 4	0 33	0 31	1 31	25 44	7 11	22 49	22 56	21 37	16 56	5 59
T 25	16 50	1 17	4 38	21 48	1 49	17 52	1 17	23 7	0 3	17 23	0 42	4 58	2 37	22 4	0 33	0 32	1 31	25 45	7 11	22 50	22 57	21 35	16 56	5 59
W26	16 32	3n58	5 2	21 29	1 52	17 31	1 18	23 11	0 4	17 19	0 42	4 58	2 38	22 5	0 33	0 32	1 32	25 45	7 11	22 50	22 57	21 33	16 56	5 58
T 27	16 14	9 9	5 12	21 9	1 55	17 10	1 19	23 15	0 5	17 14	0 42	4 57	2 38	22 5	0 33	0 33	1 32	25 46	7 11	22 51	22 57	21 31	16 56	5 58
F 28	15 56	14 2	5 7	20 48	1 58	16 47	1 20	23 19	0 6	17 10	0 42	4 57	2 38	22 5	0 33	0 33	1 32	25 46	7 11	22 51	22 58	21 30	16 57	5 58
S 29	15 38	18 23	4 46	20 25	2 0	16 25	1 21	23 22	0 7	17 6	0 42	4 56	2 38	22 6	0 33	0 33	1 32	25 46	7 11	22 51	22 58	21 28	16 57	5 57
S 30	15 19	21 55	4 9	20 0	2 2	16 2	1 22	23 25	0 8	17 2	0 43	4 55	2 39	22 6	0 33	0 34	1 32	25 47	7 11	22 51	22 58	21 26	16 57	5 57
M31	15s 0	24n17	3n17	19s34	2s 3	15s38	1s22	23s29	0s 8	16s58	0s43	4s55	2n39	22n 6	0n33	0n34	1n32	25n47	7n11	22s51	22s58	21s24	16n57	5s57

Julian Day Number = 2251400.5, Delta T = 06m26s
Ecliptic obliquity = 23°30'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°05'42, Lahiri = 16°12'43 Julian Calendar 1 Jan. 1452 == Greg. Calendar 10 Jan. 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

FEBRUARY 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 16 33	20♒32'50	18♊24	12♒28	22♒53	23♐54	15♒35	18°R43	22°R51	2°R 3	5°R58	13♑12	11♑52	19♑40	16°R57	T 1
W 2	9 20 29	21°33'21	2♋53	14°11	24° 8	24°35	15°49	18♎42	22♋49	2♎ 2	5♌57	13°13	11°49	19°47	16♊56	W 2
T 3	9 24 26	22°33'50	17°39	15°55	25°23	25°17	16° 3	18°40	22°46	2° 1	5°55	13°R13	11°46	19°54	16°55	T 3
F 4	9 28 22	23°34'17	2♌37	17°40	26°38	25°59	16°18	18°39	22°44	2° 0	5°54	13°12	11°43	20° 0	16°55	F 4
S 5	9 32 19	24°34'42	17°40	19°26	27°53	26°41	16°32	18°37	22°42	1°59	5°53	13° 9	11°40	20° 7	16°54	S 5
S 6	9 36 15	25°35'06	2♍38	21°13	29° 8	27°22	16°46	18°35	22°40	1°58	5°51	13° 3	11°37	20°14	16°53	S 6
M 7	9 40 12	26°35'28	17°22	23° 1	0♓23	28° 4	17° 1	18°33	22°38	1°56	5°50	12°57	11°33	20°20	16°53	M 7
T 8	9 44 9	27°35'48	1♎46	24°50	1°38	28°46	17°15	18°31	22°36	1°55	5°49	12°49	11°30	20°27	16°52	T 8
W 9	9 48 5	28°36'07	15°43	26°40	2°53	29°28	17°29	18°29	22°34	1°54	5°47	12°42	11°27	20°33	16°52	W 9
T 10	9 52 2	29°36'24	29°12	28°30	4° 8	0♑10	17°44	18°27	22°32	1°52	5°46	12°37	11°24	20°40	16°52	T 10
F 11	9 55 58	0♓36'40	12♏13	0♓22	5°23	0°52	17°58	18°25	22°30	1°51	5°45	12°33	11°21	20°47	16°52	F 11
S 12	9 59 55	1°36'54	24°50	2°14	6°38	1°34	18°12	18°22	22°28	1°50	5°44	12°31	11°18	20°53	16°D52	S 12
S 13	10 3 51	2°37'07	7♐ 6	4° 8	7°53	2°15	18°26	18°20	22°27	1°48	5°42	12°D31	11°14	21° 0	16°52	S 13
M14	10 7 48	3°37'18	19° 7	6° 2	9° 8	2°57	18°40	18°17	22°25	1°47	5°41	12°32	11°11	21° 7	16°52	M14
T 15	10 11 44	4°37'28	0♑58	7°57	10°23	3°39	18°54	18°15	22°23	1°45	5°40	12°33	11° 8	21°13	16°52	T 15
W16	10 15 41	5°37'36	12°45	9°52	11°38	4°21	19° 9	18°12	22°21	1°44	5°39	12°R34	11° 5	21°20	16°52	W16
T 17	10 19 37	6°37'43	24°31	11°48	12°53	5° 3	19°23	18° 9	22°20	1°43	5°38	12°33	11° 2	21°27	16°52	T 17
F 18	10 23 34	7°37'47	6♒21	13°45	14° 8	5°45	19°37	18° 6	22°18	1°41	5°36	12°30	10°58	21°33	16°53	F 18
S 19	10 27 31	8°37'50	18°19	15°41	15°22	6°27	19°51	18° 4	22°16	1°40	5°35	12°24	10°55	21°40	16°53	S 19
S 20	10 31 27	9°37'51	0♓27	17°38	16°37	7° 9	20° 5	18° 1	22°15	1°38	5°34	12°16	10°52	21°47	16°54	S 20
M21	10 35 24	10°37'50	12°45	19°35	17°52	7°51	20°19	17°57	22°13	1°37	5°33	12° 6	10°49	21°53	16°55	M21
T 22	10 39 20	11°37'47	25°16	21°31	19° 7	8°33	20°33	17°54	22°12	1°35	5°32	11°55	10°46	22° 0	16°55	T 22
W23	10 43 17	12°37'42	7♈59	23°26	20°22	9°15	20°46	17°51	22°10	1°34	5°31	11°44	10°43	22° 7	16°56	W23
T 24	10 47 13	13°37'35	20°54	25°20	21°36	9°57	21° 0	17°48	22° 9	1°32	5°30	11°33	10°39	22°13	16°57	T 24
F 25	10 51 10	14°37'26	4♉ 0	27°12	22°51	10°39	21°14	17°44	22° 8	1°30	5°29	11°25	10°36	22°20	16°58	F 25
S 26	10 55 6	15°37'15	17°19	29° 3	24° 6	11°22	21°28	17°41	22° 7	1°29	5°28	11°19	10°33	22°26	16°59	S 26
S 27	10 59 3	16°37'01	0♊50	0♈52	25°20	12° 4	21°42	17°37	22° 5	1°27	5°27	11°16	10°30	22°33	17° 1	S 27
M28	11 3 0	17°36'46	14°35	2°37	26°35	12°46	21°55	17°33	22° 4	1°26	5°26	11°D14	10°27	22°40	17° 2	M28
T 29	11 6 56	18♓36'28	28♊33	4♈20	27♓50	13♑28	22♒ 9	17♎30	22♋ 3	1♎24	5♌25	11♑15	10♑24	22♑46	17♊ 3	T 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
T 1	14s41	25n11	2n11	19s 6	2s 5	15s14	1s23	23s31	0s 9	16s54	0s43	4s54	2n39	22n 7	0n33	0n35	1n32	25n47	7n11	22s51	22s59	21s22	16n58	5s56
W 2	14 22	24 25	0 56	18 37	2 5	14 50	1 24	23 34	0 10	16 49	0 43	4 53	2 39	22 7	0 33	0 35	1 32	25 48	7 11	22 51	22 59	21 20	16 58	5 56
T 3	14 2	21 57	0s24	18 7	2 6	14 25	1 24	23 37	0 11	16 45	0 43	4 52	2 40	22 8	0 33	0 36	1 32	25 48	7 11	22 51	22 59	21 19	16 58	5 55
F 4	13 42	17 57	1 44	17 34	2 5	14 0	1 25	23 39	0 12	16 41	0 43	4 52	2 40	22 8	0 33	0 36	1 32	25 49	7 11	22 51	23 0	21 17	16 58	5 55
S 5	13 22	12 47	2 56	17 1	2 5	13 35	1 25	23 41	0 13	16 37	0 43	4 51	2 40	22 8	0 33	0 37	1 32	25 49	7 11	22 52	23 0	21 15	16 59	5 55
S 6	13 2	6 54	3 56	16 25	2 4	13 9	1 26	23 43	0 14	16 33	0 43	4 50	2 40	22 9	0 33	0 37	1 32	25 49	7 11	22 52	23 0	21 13	16 59	5 54
M 7	12 41	0 43	4 39	15 49	2 2	12 42	1 26	23 44	0 15	16 28	0 43	4 49	2 41	22 9	0 33	0 38	1 32	25 50	7 11	22 53	23 0	21 11	16 59	5 54
T 8	12 21	5s20	5 3	15 10	2 0	12 16	1 26	23 46	0 16	16 24	0 43	4 48	2 41	22 9	0 33	0 39	1 32	25 50	7 11	22 53	23 1	21 9	17 0	5 54
W 9	12 0	10 57	5 9	14 31	1 58	11 49	1 26	23 47	0 17	16 20	0 43	4 47	2 41	22 10	0 33	0 39	1 32	25 50	7 11	22 54	23 1	21 8	17 0	5 53
T 10	11 39	15 50	4 56	13 49	1 55	11 22	1 26	23 48	0 17	16 15	0 44	4 46	2 41	22 10	0 33	0 40	1 32	25 51	7 11	22 55	23 1	21 6	17 0	5 53
F 11	11 17	19 49	4 29	13 7	1 51	10 54	1 27	23 49	0 18	16 11	0 44	4 45	2 42	22 10	0 33	0 40	1 32	25 51	7 11	22 55	23 1	21 4	17 1	5 52
S 12	10 56	22 44	3 49	12 23	1 47	10 26	1 26	23 49	0 19	16 7	0 44	4 44	2 42	22 10	0 33	0 41	1 32	25 51	7 11	22 55	23 2	21 2	17 1	5 52
S 13	10 34	24 31	3 0	11 37	1 43	9 58	1 26	23 50	0 20	16 3	0 44	4 43	2 42	22 11	0 33	0 41	1 32	25 52	7 11	22 55	23 2	21 0	17 2	5 52
M14	10 13	25 7	2 3	10 50	1 38	9 30	1 26	23 50	0 21	15 58	0 44	4 41	2 42	22 11	0 33	0 42	1 32	25 52	7 11	22 55	23 2	20 58	17 2	5 51
T 15	9 51	24 33	1 2	10 2	1 32	9 1	1 26	23 50	0 22	15 54	0 44	4 40	2 43	22 11	0 33	0 43	1 32	25 52	7 11	22 55	23 3	20 56	17 2	5 51
W16	9 29	22 53	0n 1	9 12	1 25	8 33	1 26	23 50	0 23	15 50	0 44	4 39	2 43	22 12	0 33	0 43	1 32	25 52	7 11	22 55	23 3	20 54	17 3	5 50
T 17	9 6	20 14	1 4	8 22	1 18	8 4	1 25	23 49	0 24	15 45	0 44	4 38	2 43	22 12	0 33	0 44	1 32	25 53	7 11	22 55	23 3	20 53	17 3	5 50
F 18	8 44	16 44	2 4	7 30	1 11	7 34	1 25	23 48	0 25	15 41	0 44	4 36	2 43	22 12	0 33	0 44	1 32	25 53	7 11	22 55	23 3	20 51	17 4	5 50
S 19	8 21	12 32	3 0	6 37	1 3	7 5	1 25	23 47	0 26	15 37	0 45	4 35	2 43	22 12	0 33	0 45	1 32	25 53	7 11	22 56	23 4	20 49	17 4	5 49
S 20	7 59	7 48	3 48	5 44	0 54	6 35	1 24	23 46	0 27	15 32	0 45	4 34	2 44	22 13	0 33	0 46	1 32	25 53	7 11	22 57	23 4	20 47	17 5	5 49
M21	7 36	2 42	4 26	4 49	0 45	6 5	1 23	23 45	0 28	15 28	0 45	4 32	2 44	22 13	0 33	0 46	1 32	25 54	7 11	22 58	23 4	20 45	17 5	5 48
T 22	7 13	2n34	4 51	3 55	0 35	5 35	1 23	23 43	0 29	15 24	0 45	4 31	2 44	22 13	0 33	0 47	1 33	25 54	7 11	22 59	23 4	20 43	17 6	5 48
W23	6 50	7 49	5 3	2 59	0 24	5 5	1 22	23 41	0 30	15 19	0 45	4 30	2 44	22 13	0 33	0 48	1 33	25 54	7 11	23 0	23 5	20 41	17 6	5 48
T 24	6 27	12 48	5 0	2 4	0 13	4 35	1 21	23 39	0 31	15 15	0 45	4 28	2 44	22 13	0 33	0 48	1 33	25 54	7 11	23 0	23 5	20 39	17 6	5 47
F 25	6 4	17 17	4 41	1 9	0 2	4 5	1 20	23 37	0 32	15 11	0 45	4 27	2 45	22 14	0 33	0 49	1 33	25 55	7 11	23 1	23 5	20 37	17 7	5 47
S 26	5 41	20 59	4 6	0 14	0n10	3 34	1 20	23 35	0 33	15 6	0 45	4 25	2 45	22 14	0 33	0 49	1 33	25 55	7 11	23 2	23 5	20 35	17 7	5 46
S 27	5 18	23 37	3 18	0n41	0 22	3 4	1 19	23 32	0 34	15 2	0 46	4 24	2 45	22 14	0 33	0 50	1 33	25 55	7 11	23 2	23 6	20 33	17 8	5 46
M28	4 55	24 53	2 17	1 34	0 35	2 33	1 18	23 29	0 36	14 58	0 46	4 22	2 45	22 14	0 33	0 51	1 33	25 55	7 11	23 2	23 6	20 31	17 8	5 46
T 29	4s31	24n37	1n 7	2n27	0n47	2s 2	1s17	23s26	0s37	14s53	0s46	4s21	2n45	22n14	0n33	0n51	1n33	25n55	7n11	23s 2	23s 6	20s29	17n 9	5s45

Julian Day Number = 2251431.5, Delta T = 06m26s
Ecliptic obliquity = 23°30'40, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°05'46, Lahiri = 16°12'47 Julian Calendar 1 Feb. 1452 == Greg. Calendar 10 Feb. 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

MARCH 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 10 53	19♓36'07	12♋44	5♈58	29♓ 4	14♑10	22♒23	17°R26	22°R 2	1°R23	5°R24	11°R15	10♑20	22♑53	17♊ 5	W 1
T 2	11 14 49	20°35'44	27° 8	7°33	0♈19	14°52	22°36	17♎22	22♋ 1	1♎21	5♌23	11♑14	10°17	23° 0	17° 6	T 2
F 3	11 18 46	21°35'19	11♌42	9° 2	1°33	15°34	22°50	17°18	22° 0	1°19	5°22	11°11	10°14	23° 6	17° 8	F 3
S 4	11 22 42	22°34'52	26°21	10°27	2°48	16°16	23° 3	17°14	21°59	1°18	5°21	11° 5	10°11	23°13	17°10	S 4
S 5	11 26 39	23°34'22	10♍59	11°46	4° 2	16°59	23°17	17°10	21°58	1°16	5°20	10°56	10° 8	23°20	17°11	S 5
M 6	11 30 35	24°33'50	25°29	12°59	5°17	17°41	23°30	17° 6	21°57	1°14	5°19	10°46	10° 4	23°26	17°13	M 6
T 7	11 34 32	25°33'16	9♎43	14° 6	6°31	18°23	23°43	17° 2	21°57	1°13	5°18	10°34	10° 1	23°33	17°15	T 7
W 8	11 38 29	26°32'40	23°36	15° 7	7°46	19° 5	23°56	16°58	21°56	1°11	5°18	10°23	9°58	23°40	17°17	W 8
T 9	11 42 25	27°32'03	7♏ 5	16° 0	9° 0	19°47	24°10	16°54	21°55	1° 9	5°17	10°13	9°55	23°46	17°19	T 9
F 10	11 46 22	28°31'23	20° 8	16°47	10°14	20°30	24°23	16°50	21°55	1° 8	5°16	10° 5	9°52	23°53	17°21	F 10
S 11	11 50 18	29°30'42	2♐48	17°26	11°29	21°12	24°36	16°46	21°54	1° 6	5°15	10° 0	9°49	24° 0	17°24	S 11
S 12	11 54 15	0♈29'59	15° 7	17°58	12°43	21°54	24°49	16°41	21°54	1° 4	5°15	9°58	9°45	24° 6	17°26	S 12
M13	11 58 11	1°29'14	27°11	18°22	13°57	22°36	25° 2	16°37	21°53	1° 3	5°14	9°57	9°42	24°13	17°28	M13
T 14	12 2 8	2°28'27	9♑ 3	18°39	15°12	23°18	25°15	16°33	21°53	1° 1	5°13	9°57	9°39	24°19	17°31	T 14
W15	12 6 4	3°27'38	20°51	18°49	16°26	24° 1	25°28	16°28	21°52	1° 0	5°13	9°57	9°36	24°26	17°33	W15
T 16	12 10 1	4°26'48	2♒39	18°R52	17°40	24°43	25°40	16°24	21°52	0°58	5°12	9°55	9°33	24°33	17°36	T 16
F 17	12 13 58	5°25'55	14°33	18°47	18°54	25°25	25°53	16°19	21°52	0°56	5°11	9°51	9°29	24°39	17°39	F 17
S 18	12 17 54	6°25'01	26°36	18°36	20° 9	26° 8	26° 6	16°15	21°52	0°55	5°11	9°44	9°26	24°46	17°41	S 18
S 19	12 21 51	7°24'05	8♓53	18°18	21°23	26°50	26°18	16°10	21°52	0°53	5°10	9°35	9°23	24°53	17°44	S 19
M20	12 25 47	8°23'07	21°24	17°55	22°37	27°32	26°31	16° 6	21°51	0°51	5°10	9°23	9°20	24°59	17°47	M20
T 21	12 29 44	9°22'07	4♈12	17°26	23°51	28°14	26°43	16° 1	21°D51	0°50	5° 9	9°10	9°17	25° 6	17°50	T 21
W22	12 33 40	10°21'05	17°15	16°53	25° 5	28°57	26°56	15°57	21°51	0°48	5° 9	8°57	9°14	25°13	17°53	W22
T 23	12 37 37	11°20'00	0♉33	16°15	26°19	29°39	27° 8	15°52	21°52	0°46	5° 8	8°44	9°10	25°19	17°56	T 23
F 24	12 41 33	12°18'54	14° 2	15°35	27°33	0♒21	27°20	15°47	21°52	0°45	5° 8	8°34	9° 7	25°26	18° 0	F 24
S 25	12 45 30	13°17'46	27°42	14°52	28°47	1° 3	27°32	15°43	21°52	0°43	5° 7	8°27	9° 4	25°33	18° 3	S 25
S 26	12 49 26	14°16'35	11♊29	14° 7	0♉ 1	1°45	27°44	15°38	21°52	0°42	5° 7	8°22	9° 1	25°39	18° 6	S 26
M27	12 53 23	15°15'22	25°23	13°22	1°15	2°28	27°56	15°34	21°52	0°40	5° 7	8°21	8°58	25°46	18°10	M27
T 28	12 57 20	16°14'07	9♋23	12°37	2°29	3°10	28° 8	15°29	21°53	0°38	5° 6	8°20	8°55	25°53	18°13	T 28
W29	13 1 16	17°12'50	23°29	11°53	3°43	3°52	28°20	15°24	21°53	0°37	5° 6	8°20	8°51	25°59	18°17	W29
T 30	13 5 13	18°11'30	7♌39	11°11	4°57	4°34	28°32	15°20	21°54	0°35	5° 6	8°19	8°48	26° 6	18°20	T 30
F 31	13 9 9	19♈10'08	21♌52	10♈32	6♉10	5♒17	28♒43	15♎15	21♋54	0♎34	5♌ 6	8♑16	8♑45	26♑13	18♊24	F 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	
W 1	4s 8	22n46	0s 8	3n18	1n 0	1s31	1s15	23s23	0s38	14s49	0s46	4s19	2n45	22n14	0n33	0n52	1n33	25n56	7n11	23s 2	23s 6	20s27	17n10	5s45	W 1
T 2	3 44	19 26	1 23	4 7	1 13	1 1	1 14	23 19	0 39	14 45	0 46	4 17	2 46	22 15	0 33	0 53	1 33	25 56	7 11	23 2	23 7	20 26	17 10	5 45	T 2
F 3	3 21	14 51	2 34	4 55	1 26	0 30	1 13	23 16	0 40	14 40	0 46	4 16	2 46	22 15	0 33	0 53	1 33	25 56	7 11	23 2	23 7	20 24	17 11	5 44	F 3
S 4	2 57	9 24	3 35	5 40	1 39	0n 1	1 12	23 12	0 41	14 36	0 46	4 14	2 46	22 15	0 33	0 54	1 33	25 56	7 10	23 3	23 7	20 22	17 11	5 44	S 4
S 5	2 34	3 26	4 22	6 22	1 51	0 32	1 10	23 7	0 42	14 32	0 46	4 13	2 46	22 15	0 33	0 55	1 33	25 56	7 10	23 4	23 7	20 20	17 12	5 43	S 5
M 6	2 10	2s39	4 51	7 2	2 3	1 3	1 9	23 3	0 43	14 28	0 47	4 11	2 46	22 15	0 33	0 55	1 33	25 56	7 10	23 4	23 8	20 18	17 12	5 43	M 6
T 7	1 46	8 29	5 2	7 39	2 15	1 34	1 7	22 59	0 44	14 23	0 47	4 9	2 46	22 15	0 33	0 56	1 33	25 57	7 10	23 5	23 8	20 16	17 13	5 43	T 7
W 8	1 23	13 44	4 54	8 12	2 26	2 5	1 6	22 54	0 45	14 19	0 47	4 7	2 46	22 15	0 33	0 57	1 33	25 57	7 10	23 6	23 8	20 14	17 13	5 42	W 8
T 9	0 59	18 9	4 30	8 43	2 36	2 36	1 4	22 49	0 47	14 15	0 47	4 6	2 47	22 15	0 33	0 57	1 33	25 57	7 10	23 7	23 8	20 12	17 14	5 42	T 9
F 10	0 35	21 33	3 52	9 9	2 45	3 6	1 3	22 44	0 48	14 11	0 47	4 4	2 47	22 15	0 33	0 58	1 33	25 57	7 10	23 8	23 9	20 10	17 15	5 41	F 10
S 11	0 12	23 47	3 3	9 32	2 54	3 37	1 1	22 38	0 49	14 6	0 47	4 2	2 47	22 16	0 33	0 59	1 33	25 57	7 10	23 8	23 9	20 8	17 15	5 41	S 11
S 12	0n12	24 48	2 8	9 52	3 1	4 8	0 59	22 33	0 50	14 2	0 47	4 1	2 47	22 16	0 33	0 59	1 33	25 57	7 10	23 8	23 9	20 6	17 16	5 41	S 12
M13	0 36	24 36	1 7	10 7	3 8	4 38	0 57	22 27	0 51	13 58	0 48	3 59	2 47	22 16	0 32	1 0	1 33	25 57	7 10	23 8	23 9	20 4	17 16	5 40	M13
T 14	0 59	23 17	0 5	10 18	3 13	5 9	0 55	22 21	0 52	13 54	0 48	3 57	2 47	22 16	0 32	1 1	1 33	25 57	7 10	23 8	23 10	20 2	17 17	5 40	T 14
W15	1 23	20 56	0n58	10 26	3 17	5 39	0 54	22 15	0 54	13 49	0 48	3 55	2 47	22 16	0 32	1 1	1 33	25 57	7 10	23 8	23 10	20 0	17 17	5 40	W15
T 16	1 46	17 43	1 57	10 29	3 20	6 10	0 52	22 9	0 55	13 45	0 48	3 54	2 47	22 16	0 32	1 2	1 33	25 57	7 9	23 8	23 10	19 58	17 18	5 39	T 16
F 17	2 10	13 46	2 52	10 28	3 21	6 40	0 50	22 2	0 56	13 41	0 48	3 52	2 47	22 16	0 32	1 3	1 33	25 57	7 9	23 9	23 10	19 56	17 19	5 39	F 17
S 18	2 33	9 14	3 40	10 23	3 20	7 10	0 48	21 55	0 57	13 37	0 48	3 50	2 47	22 16	0 32	1 3	1 33	25 58	7 9	23 9	23 10	19 54	17 19	5 39	S 18
S 19	2 57	4 16	4 19	10 15	3 18	7 39	0 46	21 48	0 58	13 33	0 49	3 48	2 47	22 16	0 32	1 4	1 33	25 58	7 9	23 10	23 11	19 52	17 20	5 38	S 19
M20	3 20	0n58	4 46	10 2	3 14	8 9	0 44	21 41	0 59	13 29	0 49	3 46	2 47	22 16	0 32	1 5	1 33	25 58	7 9	23 11	23 11	19 50	17 20	5 38	M20
T 21	3 43	6 15	4 59	9 46	3 9	8 38	0 41	21 34	1 1	13 25	0 49	3 45	2 48	22 16	0 32	1 5	1 33	25 58	7 9	23 12	23 11	19 48	17 21	5 37	T 21
W22	4 7	11 22	4 57	9 27	3 2	9 8	0 39	21 27	1 2	13 20	0 49	3 43	2 48	22 16	0 32	1 6	1 33	25 58	7 9	23 12	23 11	19 46	17 22	5 37	W22
T 23	4 30	16 3	4 39	9 5	2 54	9 37	0 37	21 19	1 3	13 16	0 49	3 41	2 48	22 16	0 32	1 7	1 33	25 58	7 9	23 13	23 12	19 44	17 22	5 37	T 23
F 24	4 53	20 0	4 5	8 40	2 44	10 6	0 35	21 11	1 4	13 12	0 49	3 39	2 48	22 16	0 32	1 7	1 33	25 58	7 9	23 14	23 12	19 42	17 23	5 36	F 24
S 25	5 16	22 54	3 17	8 13	2 32	10 34	0 32	21 3	1 6	13 8	0 50	3 37	2 48	22 16	0 32	1 8	1 33	25 58	7 9	23 14	23 12	19 39	17 23	5 36	S 25
S 26	5 39	24 29	2 17	7 44	2 20	11 2	0 30	20 55	1 7	13 4	0 50	3 36	2 48	22 16	0 32	1 9	1 33	25 58	7 8	23 15	23 12	19 37	17 24	5 36	S 26
M27	6 2	24 34	1 8	7 13	2 6	11 31	0 28	20 47	1 8	13 0	0 50	3 34	2 48	22 15	0 32	1 9	1 33	25 58	7 8	23 15	23 12	19 35	17 25	5 36	M27
T 28	6 24	23 5	0s 6	6 42	1 51	11 58	0 25	20 38	1 9	12 56	0 50	3 32	2 48	22 15	0 32	1 10	1 33	25 58	7 8	23 15	23 13	19 33	17 25	5 35	T 28
W29	6 47	20 10	1 19	6 11	1 36	12 26	0 23	20 29	1 11	12 52	0 50	3 30	2 48	22 15	0 32	1 10	1 33	25 58	7 8	23 15	23 13	19 31	17 26	5 35	W29
T 30	7 9	16 1	2 28	5 40	1 20	12 53	0 21	20 20	1 12	12 49	0 50	3 29	2 48	22 15	0 32	1 11	1 33	25 57	7 8	23 15	23 13	19 29	17 27	5 35	T 30
F 31	7n32	10n58	3s29	5n 9	1n 3	13n20	0s18	20s11	1s13	12s45	0s51	3s27	2n48	22n15	0n32	1n12	1n33	25n57	7n 8	23s15	23s13	19s27	17n27	5s34	F 31

Julian Day Number = 2251460.5, Delta T = 06m25s
Ecliptic obliquity = 23°30'40, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°05'50, Lahiri = 16°12'51 Julian Calendar 1 March 1452 == Greg. Calendar 10 March 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

APRIL 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 13 6	20♈ 8'44	6♍ 6	9°R55	7♉24	5♒59	28♒55	15°R11	21♋55	0°R32	5°R 5	8°R10	8♑42	26♑19	18♊27	S 1
S 2	13 17 2	21° 7'17	20°17	9♈22	8°38	6°41	29° 6	15♎ 6	21°55	0♎31	5♌ 5	8♑ 2	8°39	26°26	18°31	S 2
M 3	13 20 59	22° 5'48	4♎21	8°54	9°52	7°23	29°18	15° 2	21°56	0°29	5° 5	7°51	8°35	26°32	18°35	M 3
T 4	13 24 55	23° 4'17	18°14	8°29	11° 5	8° 5	29°29	14°57	21°57	0°28	5° 5	7°39	8°32	26°39	18°39	T 4
W 5	13 28 52	24° 2'45	1♏49	8° 9	12°19	8°47	29°40	14°52	21°58	0°26	5° 5	7°28	8°29	26°46	18°43	W 5
T 6	13 32 49	25° 1'10	15° 6	7°55	13°32	9°30	29°51	14°48	21°58	0°25	5° 5	7°18	8°26	26°52	18°47	T 6
F 7	13 36 45	25°59'34	28° 2	7°45	14°46	10°12	0♓ 2	14°43	21°59	0°23	5° 5	7°10	8°23	26°59	18°51	F 7
S 8	13 40 42	26°57'56	10♐38	7°D40	16° 0	10°54	0°13	14°39	22° 0	0°22	5°D 5	7° 4	8°20	27° 6	18°55	S 8
S 9	13 44 38	27°56'17	22°57	7°40	17°13	11°36	0°24	14°35	22° 1	0°20	5° 5	7° 1	8°16	27°12	18°59	S 9
M10	13 48 35	28°54'35	5♑ 0	7°45	18°27	12°18	0°35	14°30	22° 2	0°19	5° 5	7°D 0	8°13	27°19	19° 4	M10
T 11	13 52 31	29°52'53	16°54	7°55	19°40	13° 0	0°45	14°26	22° 3	0°17	5° 5	7° 1	8°10	27°26	19° 8	T 11
W12	13 56 28	0♉51'08	28°44	8° 9	20°54	13°42	0°56	14°21	22° 4	0°16	5° 5	7°R 1	8° 7	27°32	19°12	W12
T 13	14 0 24	1°49'22	10♒33	8°29	22° 7	14°24	1° 6	14°17	22° 6	0°15	5° 5	7° 1	8° 4	27°39	19°17	T 13
F 14	14 4 21	2°47'35	22°29	8°52	23°20	15° 6	1°16	14°13	22° 7	0°13	5° 5	6°59	8° 1	27°46	19°21	F 14
S 15	14 8 18	3°45'46	4♓36	9°20	24°34	15°48	1°27	14° 9	22° 8	0°12	5° 5	6°54	7°57	27°52	19°26	S 15
S 16	14 12 14	4°43'55	16°58	9°52	25°47	16°30	1°37	14° 5	22°10	0°11	5° 6	6°48	7°54	27°59	19°30	S 16
M17	14 16 11	5°42'03	29°38	10°29	27° 0	17°12	1°47	14° 0	22°11	0° 9	5° 6	6°39	7°51	28° 6	19°35	M17
T 18	14 20 7	6°40'10	12♈38	11° 9	28°14	17°54	1°56	13°56	22°12	0° 8	5° 6	6°30	7°48	28°12	19°39	T 18
W19	14 24 4	7°38'14	25°58	11°52	29°27	18°36	2° 6	13°52	22°14	0° 7	5° 6	6°19	7°45	28°19	19°44	W19
T 20	14 28 0	8°36'18	9♉37	12°40	0♊40	19°18	2°16	13°48	22°15	0° 6	5° 7	6°10	7°41	28°26	19°49	T 20
F 21	14 31 57	9°34'19	23°30	13°30	1°53	20° 0	2°25	13°44	22°17	0° 5	5° 7	6° 2	7°38	28°32	19°54	F 21
S 22	14 35 53	10°32'19	7♊35	14°24	3° 6	20°41	2°35	13°41	22°19	0° 3	5° 7	5°57	7°35	28°39	19°58	S 22
S 23	14 39 50	11°30'18	21°47	15°22	4°19	21°23	2°44	13°37	22°20	0° 2	5° 8	5°54	7°32	28°46	20° 3	S 23
M24	14 43 47	12°28'14	6♋ 2	16°22	5°32	22° 5	2°53	13°33	22°22	0° 1	5° 8	5°D53	7°29	28°52	20° 8	M24
T 25	14 47 43	13°26'09	20°17	17°25	6°45	22°46	3° 2	13°29	22°24	29♍59	5° 9	5°53	7°26	28°59	20°13	T 25
W26	14 51 40	14°24'02	4♌29	18°31	7°58	23°28	3°11	13°26	22°26	29°59	5° 9	5°54	7°22	29° 6	20°18	W26
T 27	14 55 36	15°21'53	18°37	19°40	9°11	24°10	3°19	13°22	22°28	29°58	5°10	5°R55	7°19	29°12	20°23	T 27
F 28	14 59 33	16°19'42	2♍40	20°51	10°24	24°51	3°28	13°19	22°29	29°57	5°10	5°53	7°16	29°19	20°28	F 28
S 29	15 3 29	17°17'29	16°37	22° 5	11°37	25°33	3°36	13°15	22°31	29°56	5°11	5°50	7°13	29°25	20°34	S 29
S 30	15 7 26	18♉15'15	0♎25	23♈22	12♊50	26♒14	3♓45	13♎12	22♋33	29♍55	5♌11	5♑45	7♑10	29♑32	20♊39	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n54	5n20	4s16	4n39	0n47	13n47	0s16	20s 2	1s15	12s41	0s51	3s25	2n48	22n15	0n32	1n12	1n33	25n57	7n 8	23s15	23s13	19s25	17n28	5s34
S 2	8 16	0s33	4 47	4 11	0 30	14 13	0 13	19 53	1 16	12 37	0 51	3 23	2 48	22 15	0 32	1 13	1 33	25 57	7 8	23 16	23 14	19 23	17 28	5 34
M 3	8 38	6 20	5 1	3 44	0 13	14 39	0 11	19 43	1 17	12 33	0 51	3 22	2 48	22 15	0 32	1 13	1 33	25 57	7 7	23 17	23 14	19 21	17 29	5 33
T 4	9 0	11 44	4 56	3 20	0s 3	15 4	0 8	19 34	1 18	12 29	0 51	3 20	2 48	22 15	0 32	1 14	1 33	25 57	7 7	23 17	23 14	19 19	17 30	5 33
W 5	9 21	16 26	4 35	2 57	0 19	15 29	0 6	19 24	1 20	12 26	0 52	3 18	2 48	22 14	0 32	1 15	1 33	25 57	7 7	23 18	23 14	19 17	17 30	5 33
T 6	9 43	20 13	3 59	2 37	0 34	15 54	0 3	19 14	1 21	12 22	0 52	3 16	2 48	22 14	0 32	1 15	1 33	25 57	7 7	23 19	23 15	19 15	17 31	5 33
F 7	10 4	22 53	3 11	2 20	0 49	16 19	0 0	19 4	1 22	12 18	0 52	3 15	2 47	22 14	0 32	1 16	1 33	25 57	7 7	23 19	23 15	19 13	17 31	5 32
S 8	10 25	24 21	2 15	2 4	1 4	16 43	0n 2	18 54	1 24	12 14	0 52	3 13	2 47	22 14	0 32	1 16	1 33	25 57	7 7	23 19	23 15	19 10	17 32	5 32
S 9	10 46	24 33	1 14	1 52	1 17	17 6	0 5	18 43	1 25	12 11	0 52	3 11	2 47	22 14	0 32	1 17	1 33	25 57	7 7	23 19	23 15	19 8	17 33	5 32
M10	11 7	23 36	0 11	1 42	1 30	17 29	0 7	18 33	1 26	12 7	0 53	3 10	2 47	22 14	0 32	1 17	1 33	25 56	7 7	23 19	23 15	19 6	17 33	5 31
T 11	11 28	21 34	0n53	1 35	1 42	17 52	0 10	18 22	1 28	12 4	0 53	3 8	2 47	22 13	0 32	1 18	1 33	25 56	7 6	23 19	23 15	19 4	17 34	5 31
W12	11 48	18 38	1 53	1 30	1 54	18 14	0 13	18 11	1 29	12 0	0 53	3 7	2 47	22 13	0 32	1 19	1 33	25 56	7 6	23 19	23 16	19 2	17 34	5 31
T 13	12 9	14 56	2 49	1 28	2 4	18 36	0 15	18 0	1 30	11 57	0 53	3 5	2 47	22 13	0 32	1 19	1 33	25 56	7 6	23 19	23 16	19 0	17 35	5 31
F 14	12 29	10 37	3 38	1 29	2 14	18 57	0 18	17 49	1 32	11 53	0 53	3 3	2 47	22 13	0 32	1 20	1 33	25 56	7 6	23 20	23 16	18 58	17 36	5 30
S 15	12 49	5 51	4 18	1 32	2 23	19 18	0 20	17 38	1 33	11 50	0 54	3 2	2 47	22 13	0 32	1 20	1 33	25 56	7 6	23 20	23 16	18 56	17 36	5 30
S 16	13 8	0 46	4 47	1 37	2 31	19 38	0 23	17 26	1 35	11 46	0 54	3 0	2 47	22 12	0 32	1 21	1 33	25 56	7 6	23 20	23 16	18 53	17 37	5 30
M17	13 28	4n28	5 2	1 44	2 38	19 58	0 26	17 15	1 36	11 43	0 54	2 59	2 47	22 12	0 32	1 21	1 33	25 55	7 6	23 21	23 17	18 51	17 37	5 30
T 18	13 47	9 39	5 3	1 54	2 44	20 17	0 28	17 3	1 37	11 40	0 54	2 57	2 47	22 12	0 32	1 22	1 33	25 55	7 6	23 21	23 17	18 49	17 38	5 30
W19	14 6	14 31	4 47	2 6	2 50	20 36	0 31	16 52	1 39	11 36	0 55	2 56	2 46	22 12	0 32	1 22	1 32	25 55	7 5	23 22	23 17	18 47	17 38	5 29
T 20	14 25	18 45	4 15	2 20	2 55	20 54	0 34	16 40	1 40	11 33	0 55	2 54	2 46	22 11	0 32	1 23	1 32	25 55	7 5	23 22	23 17	18 45	17 39	5 29
F 21	14 43	22 2	3 27	2 36	2 59	21 11	0 36	16 28	1 41	11 30	0 55	2 53	2 46	22 11	0 32	1 23	1 32	25 55	7 5	23 22	23 17	18 43	17 39	5 29
S 22	15 2	24 2	2 26	2 54	3 2	21 28	0 39	16 16	1 43	11 27	0 55	2 52	2 46	22 11	0 32	1 23	1 32	25 54	7 5	23 23	23 18	18 41	17 40	5 29
S 23	15 20	24 30	1 15	3 13	3 5	21 45	0 41	16 4	1 44	11 24	0 55	2 50	2 46	22 10	0 32	1 24	1 32	25 54	7 5	23 23	23 18	18 38	17 41	5 29
M24	15 38	23 22	0s 1	3 35	3 7	22 1	0 44	15 51	1 46	11 21	0 56	2 49	2 46	22 10	0 32	1 24	1 32	25 54	7 5	23 23	23 18	18 36	17 41	5 28
T 25	15 55	20 43	1 17	3 58	3 8	22 16	0 46	15 39	1 47	11 17	0 56	2 48	2 46	22 10	0 32	1 25	1 32	25 54	7 5	23 23	23 18	18 34	17 42	5 28
W26	16 12	16 48	2 28	4 22	3 8	22 30	0 49	15 27	1 49	11 14	0 56	2 46	2 46	22 9	0 32	1 25	1 32	25 53	7 5	23 23	23 18	18 32	17 42	5 28
T 27	16 29	11 58	3 29	4 48	3 8	22 44	0 51	15 14	1 50	11 12	0 56	2 45	2 45	22 9	0 32	1 25	1 32	25 53	7 5	23 23	23 18	18 30	17 43	5 28
F 28	16 46	6 32	4 18	5 16	3 8	22 58	0 54	15 1	1 51	11 9	0 57	2 44	2 45	22 9	0 32	1 26	1 32	25 53	7 4	23 23	23 19	18 28	17 43	5 28
S 29	17 3	0 50	4 51	5 45	3 6	23 10	0 56	14 49	1 53	11 6	0 57	2 43	2 45	22 8	0 32	1 26	1 32	25 53	7 4	23 23	23 19	18 26	17 44	5 27
S 30	17n19	4s51	5s 7	6n15	3s 4	23n22	0n59	14s36	1s54	11s 3	0s57	2s42	2n45	22n 8	0n31	1n27	1n32	25n52	7n 4	23s23	23s19	18s23	17n44	5s27

Julian Day Number = 2251491.5, Delta T = 06m25s
Ecliptic obliquity = 23°30'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°05'55, Lahiri = 16°12'55 Julian Calendar 1 Apr. 1452 == Greg. Calendar 10 Apr. 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

MAY 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 11 22	19♉12'59	14♎ 2	24♈41	14♊ 3	26♒56	3♓53	13°R 9	22♋35	29°R54	5♌12	5°R38	7♑ 6	29♑39	20♊44	M 1
T 2	15 15 19	20°10'41	27°28	26° 3	15°16	27°37	4° 1	13♎ 5	22°38	29♍53	5°13	5♑31	7° 3	29°45	20°49	T 2
W 3	15 19 16	21° 8'22	10♏40	27°27	16°28	28°18	4° 9	13° 2	22°40	29°52	5°13	5°23	7° 0	29°52	20°54	W 3
T 4	15 23 12	22° 6'02	23°37	28°54	17°41	28°59	4°17	12°59	22°42	29°51	5°14	5°17	6°57	29°59	21° 0	T 4
F 5	15 27 9	23° 3'40	6♐18	0♉23	18°54	29°41	4°24	12°56	22°44	29°50	5°15	5°12	6°54	0♒ 5	21° 5	F 5
S 6	15 31 5	24° 1'17	18°44	1°54	20° 6	0♓22	4°32	12°53	22°46	29°49	5°15	5° 8	6°51	0°12	21°10	S 6
S 7	15 35 2	24°58'53	0♑56	3°27	21°19	1° 3	4°39	12°50	22°49	29°49	5°16	5°D 7	6°47	0°19	21°16	S 7
M 8	15 38 58	25°56'28	12°57	5° 3	22°31	1°44	4°46	12°48	22°51	29°48	5°17	5° 7	6°44	0°25	21°21	M 8
T 9	15 42 55	26°54'02	24°50	6°42	23°44	2°25	4°54	12°45	22°53	29°47	5°18	5° 8	6°41	0°32	21°27	T 9
W10	15 46 51	27°51'35	6♒39	8°22	24°56	3° 6	5° 0	12°42	22°56	29°46	5°19	5°10	6°38	0°39	21°32	W10
T 11	15 50 48	28°49'07	18°30	10° 5	26° 9	3°47	5° 7	12°40	22°58	29°46	5°19	5°12	6°35	0°45	21°38	T 11
F 12	15 54 45	29°46'38	0♓26	11°50	27°21	4°28	5°14	12°38	23° 1	29°45	5°20	5°R12	6°32	0°52	21°43	F 12
S 13	15 58 41	0♊44'08	12°33	13°38	28°34	5° 8	5°20	12°35	23° 3	29°44	5°21	5°11	6°28	0°59	21°49	S 13
S 14	16 2 38	1°41'37	24°56	15°28	29°46	5°49	5°27	12°33	23° 6	29°44	5°22	5° 9	6°25	1° 5	21°54	S 14
M15	16 6 34	2°39'06	7♈39	17°20	0♋58	6°30	5°33	12°31	23° 9	29°43	5°23	5° 6	6°22	1°12	22° 0	M15
T 16	16 10 31	3°36'34	20°44	19°14	2°10	7°10	5°39	12°29	23°11	29°43	5°24	5° 1	6°19	1°19	22° 5	T 16
W17	16 14 27	4°34'01	4♉13	21°11	3°23	7°50	5°44	12°27	23°14	29°42	5°25	4°57	6°16	1°25	22°11	W17
T 18	16 18 24	5°31'27	18° 4	23° 9	4°35	8°31	5°50	12°25	23°17	29°42	5°26	4°52	6°12	1°32	22°17	T 18
F 19	16 22 20	6°28'53	2♊16	25°10	5°47	9°11	5°56	12°23	23°19	29°41	5°27	4°49	6° 9	1°39	22°22	F 19
S 20	16 26 17	7°26'17	16°43	27°13	6°59	9°51	6° 1	12°21	23°22	29°41	5°28	4°46	6° 6	1°45	22°28	S 20
S 21	16 30 14	8°23'41	1♋20	29°17	8°11	10°31	6° 6	12°20	23°25	29°41	5°29	4°D45	6° 3	1°52	22°34	S 21
M22	16 34 10	9°21'04	16° 0	1♊24	9°23	11°11	6°11	12°18	23°28	29°40	5°30	4°46	6° 0	1°59	22°40	M22
T 23	16 38 7	10°18'26	0♌38	3°31	10°35	11°51	6°16	12°17	23°31	29°40	5°31	4°47	5°57	2° 5	22°45	T 23
W24	16 42 3	11°15'46	15° 7	5°40	11°47	12°31	6°21	12°16	23°34	29°40	5°33	4°48	5°53	2°12	22°51	W24
T 25	16 46 0	12°13'06	29°25	7°50	12°59	13°10	6°25	12°14	23°37	29°39	5°34	4°49	5°50	2°19	22°57	T 25
F 26	16 49 56	13°10'24	13♍29	10° 1	14°10	13°50	6°29	12°13	23°40	29°39	5°35	4°R50	5°47	2°25	23° 3	F 26
S 27	16 53 53	14° 7'42	27°18	12°13	15°22	14°29	6°33	12°12	23°43	29°39	5°36	4°49	5°44	2°32	23° 9	S 27
S 28	16 57 49	15° 4'58	10♎52	14°25	16°34	15° 9	6°37	12°11	23°46	29°39	5°37	4°48	5°41	2°39	23°14	S 28
M29	17 1 46	16° 2'14	24°10	16°36	17°46	15°48	6°41	12°11	23°49	29°39	5°39	4°46	5°38	2°45	23°20	M29
T 30	17 5 43	16°59'29	7♏14	18°48	18°57	16°27	6°45	12°10	23°52	29°39	5°40	4°43	5°34	2°52	23°26	T 30
W31	17 9 39	17♊56'43	20♏ 3	20♊59	20♋ 9	17♓ 6	6♓48	12♎ 9	23♋55	29♍38	5♌41	4♑41	5♑31	2♒59	23♊32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n35	10s14	5s 5	6n47	3s 1	23n34	1n 1	14s23	1s56	11s 0	0s57	2s41	2n45	22n 8	0n31	1n27	1n32	25n52	7n 4	23s23	23s19	18s21	17n45	5s27
T 2	17 50	15 3	4 46	7 20	2 58	23 44	1 3	14 10	1 57	10 57	0 58	2 39	2 45	22 7	0 31	1 27	1 32	25 52	7 4	23 24	23 19	18 19	17 45	5 27
W 3	18 6	19 3	4 12	7 53	2 54	23 54	1 6	13 57	1 59	10 55	0 58	2 38	2 44	22 7	0 31	1 28	1 32	25 52	7 4	23 24	23 19	18 17	17 46	5 27
T 4	18 21	22 3	3 26	8 28	2 49	24 4	1 8	13 44	2 0	10 52	0 58	2 37	2 44	22 7	0 31	1 28	1 32	25 51	7 4	23 24	23 20	18 15	17 46	5 27
F 5	18 36	23 53	2 30	9 4	2 44	24 12	1 10	13 31	2 1	10 50	0 58	2 36	2 44	22 6	0 31	1 28	1 32	25 51	7 4	23 25	23 20	18 12	17 47	5 27
S 6	18 50	24 29	1 28	9 41	2 39	24 20	1 12	13 17	2 3	10 47	0 59	2 35	2 44	22 6	0 31	1 29	1 32	25 51	7 3	23 25	23 20	18 10	17 47	5 27
S 7	19 4	23 53	0 23	10 19	2 32	24 28	1 14	13 4	2 4	10 45	0 59	2 35	2 44	22 5	0 31	1 29	1 32	25 50	7 3	23 25	23 20	18 8	17 48	5 26
M 8	19 18	22 10	0n43	10 57	2 26	24 34	1 16	12 51	2 6	10 42	0 59	2 34	2 43	22 5	0 31	1 29	1 32	25 50	7 3	23 25	23 20	18 6	17 48	5 26
T 9	19 31	19 30	1 45	11 36	2 19	24 40	1 19	12 37	2 7	10 40	0 59	2 33	2 43	22 5	0 31	1 29	1 32	25 50	7 3	23 25	23 20	18 4	17 48	5 26
W10	19 45	16 2	2 43	12 16	2 11	24 45	1 21	12 24	2 9	10 38	1 0	2 32	2 43	22 4	0 31	1 30	1 32	25 50	7 3	23 25	23 21	18 1	17 49	5 26
T 11	19 57	11 55	3 35	12 57	2 3	24 50	1 23	12 10	2 10	10 35	1 0	2 31	2 43	22 4	0 31	1 30	1 32	25 49	7 3	23 25	23 21	17 59	17 49	5 26
F 12	20 10	7 21	4 17	13 37	1 54	24 53	1 24	11 57	2 12	10 33	1 0	2 30	2 43	22 3	0 31	1 30	1 32	25 49	7 3	23 24	23 21	17 57	17 50	5 26
S 13	20 22	2 25	4 49	14 18	1 45	24 56	1 26	11 43	2 13	10 31	1 0	2 30	2 42	22 3	0 31	1 30	1 32	25 49	7 3	23 25	23 21	17 55	17 50	5 26
S 14	20 34	2n41	5 8	14 59	1 36	24 59	1 28	11 29	2 14	10 29	1 1	2 29	2 42	22 2	0 31	1 31	1 32	25 48	7 3	23 25	23 21	17 52	17 51	5 26
M15	20 45	7 49	5 12	15 41	1 26	25 0	1 30	11 16	2 16	10 27	1 1	2 28	2 42	22 2	0 31	1 31	1 32	25 48	7 3	23 25	23 21	17 50	17 51	5 26
T 16	20 56	12 46	5 1	16 22	1 16	25 1	1 32	11 2	2 17	10 25	1 1	2 28	2 42	22 2	0 31	1 31	1 32	25 48	7 2	23 25	23 22	17 48	17 51	5 26
W17	21 7	17 14	4 33	17 3	1 6	25 1	1 33	10 48	2 19	10 23	1 1	2 27	2 41	22 1	0 31	1 31	1 32	25 47	7 2	23 25	23 22	17 46	17 52	5 26
T 18	21 17	20 55	3 48	17 43	0 56	25 1	1 35	10 34	2 20	10 21	1 2	2 27	2 41	22 1	0 31	1 31	1 32	25 47	7 2	23 25	23 22	17 44	17 52	5 26
F 19	21 27	23 26	2 49	18 23	0 45	24 59	1 36	10 20	2 22	10 20	1 2	2 26	2 41	22 0	0 31	1 31	1 31	25 46	7 2	23 25	23 22	17 41	17 52	5 26
S 20	21 37	24 28	1 37	19 3	0 34	24 57	1 38	10 6	2 23	10 18	1 2	2 26	2 41	22 0	0 31	1 31	1 31	25 46	7 2	23 25	23 22	17 39	17 53	5 25
S 21	21 46	23 49	0 19	19 41	0 23	24 55	1 39	9 53	2 25	10 16	1 3	2 25	2 41	21 59	0 31	1 32	1 31	25 46	7 2	23 25	23 22	17 37	17 53	5 25
M22	21 55	21 32	1s 2	20 18	0 12	24 51	1 41	9 39	2 26	10 15	1 3	2 25	2 40	21 59	0 31	1 32	1 31	25 45	7 2	23 25	23 22	17 35	17 53	5 25
T 23	22 4	17 50	2 18	20 54	0 1	24 47	1 42	9 25	2 28	10 13	1 3	2 25	2 40	21 58	0 31	1 32	1 31	25 45	7 2	23 25	23 23	17 32	17 54	5 25
W24	22 12	13 6	3 24	21 28	0n 9	24 42	1 43	9 11	2 29	10 12	1 3	2 24	2 40	21 58	0 31	1 32	1 31	25 45	7 2	23 25	23 23	17 30	17 54	5 25
T 25	22 19	7 42	4 17	22 0	0 20	24 36	1 44	8 57	2 31	10 10	1 4	2 24	2 40	21 57	0 31	1 32	1 31	25 44	7 2	23 25	23 23	17 28	17 54	5 25
F 26	22 27	1 59	4 54	22 31	0 30	24 30	1 45	8 43	2 32	10 9	1 4	2 24	2 39	21 57	0 31	1 32	1 31	25 44	7 2	23 25	23 23	17 26	17 55	5 25
S 27	22 34	3s42	5 13	22 59	0 40	24 23	1 46	8 29	2 34	10 8	1 4	2 24	2 39	21 56	0 31	1 32	1 31	25 43	7 1	23 25	23 23	17 23	17 55	5 25
S 28	22 40	9 7	5 14	23 25	0 49	24 15	1 47	8 15	2 35	10 6	1 5	2 24	2 39	21 55	0 31	1 32	1 31	25 43	7 1	23 25	23 23	17 21	17 55	5 25
M29	22 47	14 0	4 57	23 48	0 58	24 7	1 48	8 1	2 36	10 5	1 5	2 24	2 39	21 55	0 31	1 32	1 31	25 43	7 1	23 25	23 23	17 19	17 56	5 25
T 30	22 52	18 9	4 26	24 9	1 7	23 58	1 49	7 47	2 38	10 4	1 5	2 24	2 38	21 54	0 31	1 32	1 31	25 42	7 1	23 26	23 24	17 16	17 56	5 25
W31	22n58	21s22	3s42	24n27	1n15	23n48	1n50	7s33	2s39	10s 3	1s 5	2s23	2n38	21n54	0n31	1n32	1n31	25n42	7n 1	23s26	23s24	17s14	17n56	5s25

Julian Day Number = 2251521.5, Delta T = 06m25s
Ecliptic obliquity = 23°30'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°05'59, Lahiri = 16°12'59 Julian Calendar 1 May 1452 == Greg. Calendar 10 May 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

JUNE 1452 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 13 36	18♊53'57	2♐39	23♊10	21♋20	17♓45	6♓51	12°R 9	23♋58	29°D38	5♌42	4°R39	5♑28	3♒ 5	23♊38	T 1
F 2	17 17 32	19°51'10	15° 3	25°19	22°32	18°24	6°54	12♎ 8	24° 1	29♍38	5°44	4♑37	5°25	3°12	23°44	F 2
S 3	17 21 29	20°48'23	27°16	27°27	23°43	19° 2	6°57	12° 8	24° 4	29°38	5°45	4°36	5°22	3°19	23°50	S 3
S 4	17 25 25	21°45'35	9♑19	29°34	24°54	19°41	7° 0	12° 8	24° 8	29°39	5°47	4°D36	5°18	3°25	23°55	S 4
M 5	17 29 22	22°42'47	21°14	1♋39	26° 6	20°19	7° 2	12° 8	24°11	29°39	5°48	4°37	5°15	3°32	24° 1	M 5
T 6	17 33 19	23°39'58	3♒ 5	3°43	27°17	20°57	7° 5	12°D 7	24°14	29°39	5°49	4°38	5°12	3°39	24° 7	T 6
W 7	17 37 15	24°37'10	14°54	5°45	28°28	21°35	7° 7	12° 8	24°17	29°39	5°51	4°39	5° 9	3°45	24°13	W 7
T 8	17 41 12	25°34'21	26°44	7°45	29°39	22°13	7° 9	12° 8	24°21	29°39	5°52	4°40	5° 6	3°52	24°19	T 8
F 9	17 45 8	26°31'32	8♓41	9°43	0♌50	22°51	7°10	12° 8	24°24	29°39	5°54	4°40	5° 3	3°59	24°25	F 9
S 10	17 49 5	27°28'43	20°48	11°39	2° 1	23°29	7°12	12° 8	24°28	29°40	5°55	4°41	4°59	4° 5	24°31	S 10
S 11	17 53 1	28°25'54	3♈ 9	13°33	3°12	24° 6	7°13	12° 9	24°31	29°40	5°56	4°R41	4°56	4°12	24°37	S 11
M12	17 56 58	29°23'06	15°50	15°25	4°23	24°43	7°14	12° 9	24°34	29°40	5°58	4°40	4°53	4°19	24°43	M12
T 13	18 0 54	0♋20'17	28°53	17°15	5°34	25°20	7°15	12°10	24°38	29°41	5°59	4°40	4°50	4°25	24°48	T 13
W14	18 4 51	1°17'29	12♉21	19° 2	6°44	25°57	7°16	12°11	24°41	29°41	6° 1	4°40	4°47	4°32	24°54	W14
T 15	18 8 48	2°14'41	26°15	20°48	7°55	26°34	7°17	12°12	24°45	29°41	6° 3	4°39	4°44	4°39	25° 0	T 15
F 16	18 12 44	3°11'53	10♊33	22°31	9° 6	27°11	7°17	12°13	24°48	29°42	6° 4	4°39	4°40	4°45	25° 6	F 16
S 17	18 16 41	4° 9'05	25°13	24°13	10°16	27°47	7°R17	12°14	24°52	29°42	6° 6	4°D39	4°37	4°52	25°12	S 17
S 18	18 20 37	5° 6'17	10♋ 7	25°52	11°27	28°23	7°17	12°15	24°55	29°43	6° 7	4°R39	4°34	4°59	25°18	S 18
M19	18 24 34	6° 3'29	25° 8	27°29	12°37	28°59	7°17	12°16	24°59	29°43	6° 9	4°39	4°31	5° 5	25°24	M19
T 20	18 28 30	7° 0'42	10♌ 8	29° 4	13°48	29°35	7°17	12°17	25° 2	29°44	6°10	4°39	4°28	5°12	25°29	T 20
W21	18 32 27	7°57'54	24°58	0♌37	14°58	0♈10	7°16	12°19	25° 6	29°45	6°12	4°39	4°24	5°19	25°35	W21
T 22	18 36 23	8°55'06	9♍33	2° 8	16° 8	0°45	7°15	12°20	25° 9	29°45	6°14	4°38	4°21	5°25	25°41	T 22
F 23	18 40 20	9°52'18	23°46	3°36	17°18	1°21	7°14	12°22	25°13	29°46	6°15	4°38	4°18	5°32	25°47	F 23
S 24	18 44 17	10°49'29	7♎38	5° 3	18°28	1°55	7°13	12°24	25°16	29°47	6°17	4°D38	4°15	5°39	25°53	S 24
S 25	18 48 13	11°46'41	21° 7	6°27	19°38	2°30	7°12	12°26	25°20	29°47	6°19	4°38	4°12	5°45	25°58	S 25
M26	18 52 10	12°43'53	4♏15	7°49	20°48	3° 4	7°10	12°27	25°24	29°48	6°20	4°38	4° 9	5°52	26° 4	M26
T 27	18 56 6	13°41'05	17° 5	9° 8	21°58	3°38	7° 8	12°29	25°27	29°49	6°22	4°39	4° 5	5°59	26°10	T 27
W28	19 0 3	14°38'17	29°38	10°25	23° 8	4°12	7° 6	12°32	25°31	29°50	6°24	4°40	4° 2	6° 5	26°16	W28
T 29	19 3 59	15°35'29	11♐58	11°40	24°17	4°46	7° 4	12°34	25°35	29°51	6°25	4°41	3°59	6°12	26°21	T 29
F 30	19 7 56	16♋32'41	24♐ 7	12♌52	25♌27	5♈19	7♓ 2	12♎36	25♋38	29♍51	6♌27	4♑41	3♑56	6♒19	26♊27	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	23n 3	23s30	2s48	24n42	1n22	23n38	1n50	7s19	2s41	10s 2	1s 6	2s24	2n38	21n53	0n31	1n32	1n31	25n41	7n 1	23s26	23s24	17s12	17n56	5s26
F 2	23 7	24 26	1 46	24 55	1 29	23 27	1 51	7 6	2 42	10 1	1 6	2 24	2 38	21 53	0 31	1 32	1 31	25 41	7 1	23 26	23 24	17 10	17 56	5 26
S 3	23 11	24 9	0 41	25 4	1 35	23 15	1 51	6 52	2 44	10 1	1 6	2 24	2 37	21 52	0 31	1 32	1 31	25 41	7 1	23 26	23 24	17 7	17 57	5 26
S 4	23 15	22 45	0n26	25 11	1 40	23 3	1 52	6 38	2 45	10 0	1 7	2 24	2 37	21 52	0 31	1 32	1 31	25 40	7 1	23 26	23 24	17 5	17 57	5 26
M 5	23 19	20 20	1 31	25 15	1 45	22 50	1 52	6 24	2 47	9 59	1 7	2 24	2 37	21 51	0 31	1 32	1 31	25 40	7 1	23 26	23 24	17 3	17 57	5 26
T 6	23 22	17 4	2 31	25 16	1 48	22 36	1 52	6 10	2 48	9 59	1 7	2 24	2 37	21 50	0 31	1 32	1 31	25 39	7 1	23 26	23 24	17 0	17 57	5 26
W 7	23 24	13 8	3 25	25 15	1 52	22 22	1 52	5 56	2 50	9 58	1 8	2 24	2 36	21 50	0 31	1 32	1 31	25 39	7 1	23 26	23 25	16 58	17 57	5 26
T 8	23 26	8 42	4 11	25 11	1 54	22 7	1 52	5 43	2 51	9 58	1 8	2 25	2 36	21 49	0 31	1 31	1 31	25 39	7 1	23 26	23 25	16 56	17 58	5 26
F 9	23 28	3 56	4 45	25 4	1 55	21 52	1 52	5 29	2 52	9 57	1 8	2 25	2 36	21 49	0 31	1 31	1 31	25 38	7 1	23 26	23 25	16 54	17 58	5 26
S 10	23 29	1n 4	5 8	24 56	1 56	21 36	1 52	5 15	2 54	9 57	1 8	2 26	2 36	21 48	0 31	1 31	1 31	25 38	7 1	23 26	23 25	16 51	17 58	5 26
S 11	23 30	6 6	5 17	24 45	1 57	21 19	1 52	5 2	2 55	9 57	1 9	2 26	2 35	21 47	0 31	1 31	1 30	25 37	7 0	23 26	23 25	16 49	17 58	5 26
M12	23 31	11 2	5 11	24 32	1 56	21 2	1 52	4 48	2 57	9 57	1 9	2 26	2 35	21 47	0 31	1 31	1 30	25 37	7 0	23 26	23 25	16 47	17 58	5 26
T 13	23 31	15 37	4 50	24 18	1 55	20 44	1 51	4 35	2 58	9 57	1 9	2 27	2 35	21 46	0 31	1 31	1 30	25 36	7 0	23 26	23 25	16 44	17 58	5 26
W14	23 30	19 34	4 12	24 1	1 53	20 26	1 51	4 22	3 0	9 57	1 10	2 27	2 35	21 46	0 31	1 30	1 30	25 36	7 0	23 26	23 25	16 42	17 58	5 27
T 15	23 29	22 34	3 18	23 43	1 50	20 7	1 50	4 8	3 1	9 57	1 10	2 28	2 34	21 45	0 31	1 30	1 30	25 36	7 0	23 26	23 26	16 40	17 58	5 27
F 16	23 28	24 14	2 10	23 23	1 47	19 48	1 50	3 55	3 2	9 57	1 10	2 29	2 34	21 44	0 31	1 30	1 30	25 35	7 0	23 26	23 26	16 37	17 59	5 27
S 17	23 27	24 18	0 52	23 2	1 44	19 28	1 49	3 42	3 4	9 57	1 11	2 29	2 34	21 44	0 31	1 30	1 30	25 35	7 0	23 26	23 26	16 35	17 59	5 27
S 18	23 25	22 37	0s30	22 40	1 39	19 8	1 48	3 29	3 5	9 57	1 11	2 30	2 34	21 43	0 31	1 30	1 30	25 34	7 0	23 26	23 26	16 33	17 59	5 27
M19	23 22	19 21	1 51	22 16	1 34	18 47	1 47	3 16	3 7	9 58	1 11	2 31	2 33	21 42	0 31	1 29	1 30	25 34	7 0	23 26	23 26	16 30	17 59	5 27
T 20	23 19	14 47	3 5	21 51	1 29	18 26	1 46	3 3	3 8	9 58	1 11	2 31	2 33	21 42	0 31	1 29	1 30	25 33	7 0	23 26	23 26	16 28	17 59	5 27
W21	23 16	9 24	4 5	21 26	1 23	18 4	1 45	2 50	3 10	9 59	1 12	2 32	2 33	21 41	0 31	1 29	1 30	25 33	7 0	23 26	23 26	16 26	17 59	5 28
T 22	23 13	3 34	4 48	20 59	1 16	17 42	1 44	2 37	3 11	9 59	1 12	2 33	2 32	21 40	0 31	1 28	1 30	25 33	7 0	23 26	23 26	16 23	17 59	5 28
F 23	23 9	2s17	5 12	20 32	1 9	17 19	1 43	2 24	3 12	10 0	1 12	2 34	2 32	21 40	0 31	1 28	1 30	25 32	7 0	23 26	23 26	16 21	17 59	5 28
S 24	23 4	7 53	5 17	20 4	1 2	16 56	1 41	2 12	3 14	10 1	1 13	2 35	2 32	21 39	0 31	1 28	1 30	25 32	7 0	23 26	23 27	16 19	17 59	5 28
S 25	22 59	12 58	5 4	19 35	0 54	16 33	1 40	1 59	3 15	10 1	1 13	2 36	2 32	21 38	0 31	1 27	1 30	25 31	7 0	23 26	23 27	16 16	17 59	5 28
M26	22 54	17 18	4 36	19 6	0 46	16 9	1 38	1 47	3 16	10 2	1 13	2 37	2 31	21 38	0 31	1 27	1 30	25 31	7 0	23 26	23 27	16 14	17 59	5 29
T 27	22 48	20 44	3 55	18 37	0 37	15 45	1 36	1 34	3 18	10 3	1 14	2 38	2 31	21 37	0 31	1 27	1 30	25 30	7 0	23 26	23 27	16 12	17 59	5 29
W28	22 42	23 6	3 2	18 7	0 28	15 20	1 35	1 22	3 19	10 4	1 14	2 39	2 31	21 36	0 31	1 26	1 30	25 30	7 0	23 26	23 27	16 9	17 59	5 29
T 29	22 36	24 19	2 3	17 38	0 18	14 55	1 33	1 10	3 20	10 5	1 14	2 40	2 31	21 36	0 31	1 26	1 30	25 29	7 0	23 26	23 27	16 7	17 59	5 29
F 30	22n29	24s21	0s58	17n 8	0n 8	14n30	1n31	0s58	3s22	10s 6	1s14	2s41	2n30	21n35	0n31	1n26	1n30	25n29	7n 0	23s26	23s27	16s 5	17n58	5s29

Julian Day Number = 2251552.5, Delta T = 06m25s
Ecliptic obliquity = 23°30'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°06'03, Lahiri = 16°13'03 Julian Calendar 1 June 1452 == Greg. Calendar 10 June 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

JULY 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 11 52	17♋29'54	6♌ 7	14♌ 2	26♌36	5♈52	6°R59	12♎38	25♋42	29♍52	6♌29	4°R42	3♌53	6♒25	26♊33	S 1
S 2	19 15 49	18°27'07	18° 2	15°10	27°46	6°25	6♓57	12°41	25°46	29°53	6°31	4♌41	3°50	6°32	26°38	S 2
M 3	19 19 46	19°24'21	29°53	16°14	28°55	6°58	6°54	12°44	25°49	29°54	6°32	4°40	3°46	6°39	26°44	M 3
T 4	19 23 42	20°21'35	11♒42	17°16	0♍ 4	7°30	6°51	12°46	25°53	29°55	6°34	4°38	3°43	6°45	26°50	T 4
W 5	19 27 39	21°18'50	23°32	18°15	1°13	8° 2	6°48	12°49	25°57	29°56	6°36	4°36	3°40	6°52	26°55	W 5
T 6	19 31 35	22°16'06	5♓25	19°11	2°22	8°34	6°44	12°52	26° 0	29°57	6°38	4°33	3°37	6°59	27° 1	T 6
F 7	19 35 32	23°13'22	17°24	20° 4	3°31	9° 5	6°40	12°55	26° 4	29°59	6°39	4°31	3°34	7° 5	27° 6	F 7
S 8	19 39 28	24°10'40	29°32	20°53	4°40	9°36	6°37	12°58	26° 8	29°59	6°41	4°28	3°30	7°12	27°12	S 8
S 9	19 43 25	25° 7'58	11♈53	21°39	5°49	10° 7	6°33	13° 1	26°11	0♎ 1	6°43	4°27	3°27	7°19	27°17	S 9
M10	19 47 21	26° 5'17	24°31	22°22	6°57	10°37	6°29	13° 4	26°15	0° 2	6°45	4°D26	3°24	7°25	27°23	M10
T 11	19 51 18	27° 2'37	7♉29	23° 1	8° 6	11° 7	6°24	13° 7	26°19	0° 3	6°46	4°27	3°21	7°32	27°28	T 11
W12	19 55 15	27°59'59	20°50	23°36	9°14	11°37	6°20	13°11	26°22	0° 4	6°48	4°28	3°18	7°39	27°33	W12
T 13	19 59 11	28°57'21	4♊38	24° 8	10°22	12° 6	6°15	13°14	26°26	0° 6	6°50	4°29	3°15	7°45	27°39	T 13
F 14	20 3 8	29°54'45	18°51	24°34	11°31	12°35	6°10	13°18	26°30	0° 7	6°52	4°30	3°11	7°52	27°44	F 14
S 15	20 7 4	0♌52'10	3♋30	24°57	12°39	13° 4	6° 5	13°21	26°33	0° 8	6°54	4°R31	3° 8	7°59	27°49	S 15
S 16	20 11 1	1°49'36	18°28	25°15	13°47	13°32	6° 0	13°25	26°37	0°10	6°55	4°30	3° 5	8° 5	27°55	S 16
M17	20 14 57	2°47'03	3♌38	25°28	14°54	13°59	5°55	13°29	26°41	0°11	6°57	4°29	3° 2	8°12	28° 0	M17
T 18	20 18 54	3°44'31	18°51	25°36	16° 2	14°27	5°49	13°33	26°44	0°12	6°59	4°25	2°59	8°19	28° 5	T 18
W19	20 22 50	4°41'59	3♍58	25°R40	17°10	14°54	5°44	13°37	26°48	0°14	7° 1	4°21	2°56	8°25	28°10	W19
T 20	20 26 47	5°39'29	18°48	25°37	18°17	15°20	5°38	13°41	26°52	0°15	7° 3	4°17	2°52	8°32	28°15	T 20
F 21	20 30 44	6°36'59	3♎14	25°30	19°24	15°46	5°32	13°45	26°55	0°17	7° 4	4°13	2°49	8°39	28°20	F 21
S 22	20 34 40	7°34'30	17°15	25°17	20°32	16°12	5°26	13°49	26°59	0°18	7° 6	4°10	2°46	8°45	28°26	S 22
S 23	20 38 37	8°32'02	0♏47	24°59	21°39	16°37	5°20	13°53	27° 3	0°20	7° 8	4° 9	2°43	8°52	28°31	S 23
M24	20 42 33	9°29'35	13°54	24°36	22°46	17° 1	5°13	13°57	27° 6	0°21	7°10	4°D 9	2°40	8°59	28°35	M24
T 25	20 46 30	10°27'08	26°37	24° 7	23°52	17°25	5° 7	14° 2	27°10	0°23	7°12	4°10	2°36	9° 5	28°40	T 25
W26	20 50 26	11°24'43	9♐ 2	23°34	24°59	17°49	5° 0	14° 6	27°13	0°24	7°13	4°11	2°33	9°12	28°45	W26
T 27	20 54 23	12°22'19	21°12	22°56	26° 5	18°12	4°54	14°11	27°17	0°26	7°15	4°13	2°30	9°19	28°50	T 27
F 28	20 58 19	13°19'56	3♌12	22°14	27°12	18°35	4°47	14°15	27°21	0°28	7°17	4°R13	2°27	9°25	28°55	F 28
S 29	21 2 16	14°17'33	15° 5	21°28	28°18	18°57	4°40	14°20	27°24	0°29	7°19	4°13	2°24	9°32	29° 0	S 29
S 30	21 6 13	15°15'12	26°54	20°40	29°24	19°18	4°33	14°25	27°28	0°31	7°21	4°10	2°21	9°39	29° 4	S 30
M31	21 10 9	16♌12'53	8♒43	19♌50	0♎29	19♈39	4♓26	14♎30	27♋31	0♎33	7♌22	4♌ 6	2♌17	9♒45	29♊ 9	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	22n22	23s14	0n 8	16n38	0s 2	14n 4	1n29	0s46	3s23	10s 8	1s15	2s42	2n30	21n34	0n31	1n25	1n30	25n29	7n 0	23s26	23s27	16s 2	17n58	5s30
S 2	22 14	21 5	1 13	16 8	0 13	13 38	1 27	0 34	3 24	10 9	1 15	2 43	2 30	21 34	0 31	1 25	1 30	25 28	7 0	23 26	23 27	16 0	17 58	5 30
M 3	22 6	18 2	2 15	15 38	0 24	13 12	1 24	0 23	3 26	10 10	1 15	2 45	2 30	21 33	0 31	1 24	1 30	25 28	7 0	23 26	23 27	15 58	17 58	5 30
T 4	21 58	14 16	3 11	15 9	0 35	12 46	1 22	0 11	3 27	10 12	1 16	2 46	2 29	21 32	0 31	1 24	1 30	25 27	7 0	23 26	23 27	15 55	17 58	5 30
W 5	21 49	9 58	3 58	14 40	0 47	12 19	1 20	0n 0	3 28	10 13	1 16	2 47	2 29	21 32	0 31	1 23	1 29	25 27	7 0	23 26	23 28	15 53	17 58	5 31
T 6	21 40	5 17	4 36	14 11	0 59	11 51	1 17	0 12	3 30	10 15	1 16	2 49	2 29	21 31	0 31	1 23	1 29	25 26	7 0	23 26	23 28	15 50	17 58	5 31
F 7	21 30	0 22	5 1	13 43	1 11	11 24	1 14	0 23	3 31	10 16	1 16	2 50	2 29	21 30	0 31	1 23	1 29	25 26	7 0	23 26	23 28	15 48	17 58	5 31
S 8	21 20	4n37	5 14	13 16	1 23	10 56	1 12	0 34	3 32	10 18	1 17	2 51	2 28	21 30	0 31	1 22	1 29	25 26	7 0	23 26	23 28	15 46	17 57	5 31
S 9	21 10	9 30	5 13	12 49	1 35	10 28	1 9	0 45	3 33	10 20	1 17	2 53	2 28	21 29	0 31	1 22	1 29	25 25	7 0	23 26	23 28	15 43	17 57	5 32
M10	21 0	14 7	4 56	12 24	1 48	10 0	1 6	0 56	3 35	10 22	1 17	2 54	2 28	21 28	0 31	1 21	1 29	25 25	7 0	23 26	23 28	15 41	17 57	5 32
T 11	20 49	18 13	4 25	11 59	2 1	9 32	1 3	1 6	3 36	10 23	1 18	2 56	2 28	21 28	0 31	1 21	1 29	25 24	7 0	23 26	23 28	15 38	17 57	5 32
W12	20 37	21 31	3 38	11 35	2 14	9 3	1 0	1 17	3 37	10 25	1 18	2 57	2 28	21 27	0 31	1 20	1 29	25 24	7 0	23 26	23 28	15 36	17 57	5 33
T 13	20 26	23 42	2 37	11 13	2 26	8 34	0 57	1 27	3 38	10 27	1 18	2 59	2 27	21 26	0 31	1 20	1 29	25 23	7 0	23 26	23 28	15 34	17 57	5 33
F 14	20 14	24 27	1 25	10 52	2 39	8 5	0 53	1 37	3 39	10 29	1 18	3 0	2 27	21 26	0 31	1 19	1 29	25 23	7 0	23 26	23 28	15 31	17 56	5 33
S 15	20 1	23 33	0 6	10 33	2 52	7 36	0 50	1 47	3 41	10 31	1 19	3 2	2 27	21 25	0 31	1 18	1 29	25 23	7 1	23 26	23 28	15 29	17 56	5 34
S 16	19 49	20 59	1s16	10 15	3 4	7 7	0 47	1 57	3 42	10 34	1 19	3 4	2 27	21 24	0 31	1 18	1 29	25 22	7 1	23 26	23 28	15 26	17 56	5 34
M17	19 36	16 55	2 33	9 59	3 17	6 37	0 43	2 7	3 43	10 36	1 19	3 5	2 26	21 23	0 31	1 17	1 29	25 22	7 1	23 26	23 29	15 24	17 56	5 34
T 18	19 22	11 44	3 40	9 45	3 29	6 8	0 39	2 16	3 44	10 38	1 19	3 7	2 26	21 23	0 31	1 17	1 29	25 21	7 1	23 26	23 29	15 22	17 55	5 35
W19	19 9	5 53	4 30	9 33	3 40	5 38	0 36	2 25	3 45	10 40	1 20	3 9	2 26	21 22	0 31	1 16	1 29	25 21	7 1	23 26	23 29	15 19	17 55	5 35
T 20	18 55	0s10	5 1	9 23	3 51	5 8	0 32	2 35	3 46	10 43	1 20	3 10	2 26	21 21	0 31	1 15	1 29	25 20	7 1	23 26	23 29	15 17	17 55	5 35
F 21	18 40	6 4	5 13	9 16	4 2	4 38	0 28	2 43	3 47	10 45	1 20	3 12	2 26	21 21	0 31	1 15	1 29	25 20	7 1	23 27	23 29	15 14	17 54	5 36
S 22	18 26	11 28	5 5	9 11	4 11	4 8	0 24	2 52	3 48	10 47	1 20	3 14	2 25	21 20	0 31	1 14	1 29	25 20	7 1	23 27	23 29	15 12	17 54	5 36
S 23	18 11	16 8	4 40	9 8	4 20	3 38	0 20	3 1	3 50	10 50	1 21	3 16	2 25	21 19	0 31	1 14	1 29	25 19	7 1	23 27	23 29	15 10	17 54	5 36
M24	17 56	19 53	4 1	9 9	4 28	3 8	0 16	3 9	3 51	10 53	1 21	3 18	2 25	21 19	0 31	1 13	1 29	25 19	7 1	23 27	23 29	15 7	17 54	5 37
T 25	17 40	22 33	3 11	9 12	4 35	2 37	0 12	3 18	3 52	10 55	1 21	3 20	2 25	21 18	0 31	1 12	1 29	25 18	7 1	23 27	23 29	15 5	17 53	5 37
W26	17 24	24 4	2 13	9 18	4 40	2 7	0 7	3 26	3 53	10 58	1 21	3 22	2 24	21 17	0 31	1 12	1 29	25 18	7 1	23 27	23 29	15 2	17 53	5 37
T 27	17 8	24 23	1 10	9 26	4 44	1 36	0 3	3 34	3 54	11 0	1 21	3 24	2 24	21 16	0 31	1 11	1 29	25 18	7 1	23 27	23 29	15 0	17 53	5 38
F 28	16 52	23 34	0 6	9 38	4 46	1 6	0s 1	3 41	3 54	11 3	1 22	3 26	2 24	21 16	0 31	1 10	1 29	25 17	7 1	23 27	23 29	14 58	17 52	5 38
S 29	16 35	21 41	0n59	9 52	4 46	0 35	0 6	3 49	3 55	11 6	1 22	3 28	2 24	21 15	0 31	1 10	1 29	25 17	7 2	23 27	23 29	14 55	17 52	5 39
S 30	16 19	18 52	2 0	10 8	4 45	0 5	0 10	3 56	3 56	11 8	1 22	3 30	2 24	21 14	0 31	1 9	1 29	25 16	7 2	23 27	23 29	14 53	17 51	5 39
M31	16n 1	15s18	2n56	10n27	4s42	0s26	0s15	4n 3	3s57	11s11	1s22	3s32	2n23	21n14	0n31	1n 8	1n29	25n16	7n 2	23s27	23s29	14s50	17n51	5s39

Julian Day Number = 2251582.5, Delta T = 06m25s
Ecliptic obliquity = 23°30'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°06'07, Lahiri = 16°13'08 Julian Calendar 1 July 1452 == Greg. Calendar 10 July 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

AUGUST 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 14 6	17♌10'34	20♒34	18°R58	1♎35	20♈ 0	4°R19	14♎35	27♋35	0♎34	7♌24	4°R 0	2♍14	9♒52	29♊14	T 1
W 2	21 18 2	18° 8'17	2♓28	18♌ 7	2°40	20°20	4♓12	14°40	27°38	0°36	7°26	3♍52	2°11	9°59	29°18	W 2
T 3	21 21 59	19° 6'01	14°26	17°16	3°46	20°39	4° 4	14°45	27°42	0°38	7°28	3°44	2° 8	10° 5	29°23	T 3
F 4	21 25 55	20° 3'47	26°32	16°27	4°51	20°58	3°57	14°50	27°45	0°40	7°30	3°35	2° 5	10°12	29°27	F 4
S 5	21 29 52	21° 1'34	8♈46	15°41	5°55	21°16	3°49	14°55	27°49	0°41	7°31	3°28	2° 2	10°19	29°31	S 5
S 6	21 33 48	21°59'23	21°12	14°59	7° 0	21°33	3°42	15° 0	27°52	0°43	7°33	3°22	1°58	10°25	29°36	S 6
M 7	21 37 45	22°57'14	3♉51	14°22	8° 5	21°50	3°34	15° 5	27°56	0°45	7°35	3°18	1°55	10°32	29°40	M 7
T 8	21 41 42	23°55'07	16°46	13°51	9° 9	22° 6	3°26	15°11	27°59	0°47	7°37	3°16	1°52	10°39	29°44	T 8
W 9	21 45 38	24°53'01	0♊ 2	13°26	10°13	22°21	3°19	15°16	28° 3	0°49	7°38	3°D16	1°49	10°45	29°48	W 9
T 10	21 49 35	25°50'58	13°40	13° 8	11°17	22°36	3°11	15°22	28° 6	0°51	7°40	3°17	1°46	10°52	29°53	T 10
F 11	21 53 31	26°48'56	27°42	12°58	12°20	22°50	3° 3	15°27	28° 9	0°53	7°42	3°R18	1°42	10°59	29°57	F 11
S 12	21 57 28	27°46'56	12♋ 8	12°D56	13°24	23° 3	2°55	15°33	28°13	0°55	7°44	3°17	1°39	11° 5	0♋ 1	S 12
S 13	22 1 24	28°44'58	26°56	13° 2	14°27	23°16	2°47	15°38	28°16	0°56	7°45	3°15	1°36	11°12	0° 5	S 13
M14	22 5 21	29°43'02	12♌ 0	13°16	15°29	23°28	2°39	15°44	28°19	0°58	7°47	3°11	1°33	11°19	0° 8	M14
T 15	22 9 17	0♍41'08	27°12	13°39	16°32	23°39	2°31	15°50	28°23	1° 0	7°49	3° 4	1°30	11°25	0°12	T 15
W16	22 13 14	1°39'15	12♍21	14°10	17°34	23°49	2°24	15°56	28°26	1° 2	7°50	2°56	1°27	11°32	0°16	W16
T 17	22 17 11	2°37'24	27°18	14°49	18°37	23°59	2°16	16° 2	28°29	1° 4	7°52	2°47	1°23	11°39	0°20	T 17
F 18	22 21 7	3°35'34	11♎53	15°36	19°38	24° 7	2° 8	16° 8	28°32	1° 6	7°54	2°38	1°20	11°46	0°23	F 18
S 19	22 25 4	4°33'46	26° 1	16°31	20°40	24°15	2° 0	16°14	28°35	1° 8	7°55	2°31	1°17	11°52	0°27	S 19
S 20	22 29 0	5°32'00	9♏40	17°33	21°41	24°22	1°52	16°20	28°38	1°11	7°57	2°26	1°14	11°59	0°30	S 20
M21	22 32 57	6°30'15	22°50	18°41	22°42	24°29	1°44	16°26	28°42	1°13	7°59	2°23	1°11	12° 6	0°34	M21
T 22	22 36 53	7°28'32	5♐34	19°56	23°43	24°34	1°36	16°32	28°45	1°15	8° 0	2°D22	1° 7	12°12	0°37	T 22
W23	22 40 50	8°26'50	17°57	21°17	24°43	24°39	1°28	16°38	28°48	1°17	8° 2	2°22	1° 4	12°19	0°41	W23
T 24	22 44 46	9°25'10	0♑ 4	22°44	25°43	24°42	1°20	16°44	28°51	1°19	8° 3	2°R23	1° 1	12°26	0°44	T 24
F 25	22 48 43	10°23'31	12° 0	24°15	26°42	24°45	1°13	16°50	28°54	1°21	8° 5	2°22	0°58	12°32	0°47	F 25
S 26	22 52 40	11°21'54	23°50	25°50	27°42	24°47	1° 5	16°57	28°57	1°23	8° 7	2°20	0°55	12°39	0°50	S 26
S 27	22 56 36	12°20'19	5♒39	27°29	28°41	24°49	0°57	17° 3	29° 0	1°25	8° 8	2°16	0°52	12°46	0°53	S 27
M28	23 0 33	13°18'45	17°29	29°10	29°39	24°R49	0°50	17°10	29° 2	1°27	8°10	2° 8	0°48	12°52	0°56	M28
T 29	23 4 29	14°17'13	29°23	0♍55	0♏37	24°48	0°42	17°16	29° 5	1°29	8°11	1°58	0°45	12°59	0°59	T 29
W30	23 8 26	15°15'43	11♓24	2°41	1°35	24°47	0°35	17°22	29° 8	1°32	8°13	1°46	0°42	13° 6	1° 2	W30
T 31	23 12 22	16♍14'15	23♓33	4♍30	2♏32	24♈45	0♓27	17♎29	29♋11	1♎34	8♌14	1♍33	0♍39	13♒12	1♋ 5	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	15n44	11s 8	3n44	10n47	4s37	0s56	0s20	4n10	3s58	11s14	1s22	3s34	2n23	21n13	0n31	1n 8	1n29	25n16	7n 2	23s27	23s29	14s48	17n51	5s40
W 2	15 26	6 32	4 23	11 10	4 30	1 26	0 25	4 17	3 59	11 17	1 23	3 36	2 23	21 12	0 31	1 7	1 29	25 15	7 2	23 27	23 30	14 45	17 50	5 40
T 3	15 8	1 40	4 51	11 33	4 21	1 57	0 29	4 23	4 0	11 20	1 23	3 38	2 23	21 12	0 31	1 6	1 29	25 15	7 2	23 27	23 30	14 43	17 50	5 41
F 4	14 50	3n17	5 5	11 58	4 11	2 27	0 34	4 29	4 0	11 23	1 23	3 40	2 23	21 11	0 31	1 5	1 28	25 15	7 2	23 28	23 30	14 40	17 49	5 41
S 5	14 32	8 10	5 6	12 23	3 59	2 58	0 39	4 35	4 1	11 25	1 23	3 42	2 23	21 10	0 31	1 5	1 28	25 14	7 2	23 28	23 30	14 38	17 49	5 42
S 6	14 13	12 49	4 53	12 48	3 45	3 28	0 44	4 41	4 2	11 28	1 23	3 44	2 22	21 10	0 31	1 4	1 28	25 14	7 2	23 28	23 30	14 36	17 49	5 42
M 7	13 54	16 59	4 25	13 13	3 30	3 58	0 49	4 47	4 3	11 31	1 23	3 47	2 22	21 9	0 31	1 3	1 28	25 13	7 3	23 28	23 30	14 33	17 48	5 42
T 8	13 35	20 28	3 44	13 37	3 14	4 28	0 55	4 52	4 3	11 34	1 23	3 49	2 22	21 8	0 31	1 2	1 28	25 13	7 3	23 28	23 30	14 31	17 48	5 43
W 9	13 16	22 58	2 49	14 1	2 57	4 58	1 0	4 57	4 4	11 37	1 24	3 51	2 22	21 8	0 31	1 2	1 28	25 13	7 3	23 28	23 30	14 28	17 47	5 43
T 10	12 56	24 13	1 44	14 23	2 39	5 28	1 5	5 2	4 4	11 40	1 24	3 53	2 22	21 7	0 31	1 1	1 28	25 12	7 3	23 28	23 30	14 26	17 47	5 44
F 11	12 37	23 59	0 30	14 43	2 21	5 58	1 10	5 7	4 5	11 43	1 24	3 56	2 21	21 6	0 31	1 0	1 28	25 12	7 3	23 28	23 30	14 23	17 46	5 44
S 12	12 17	22 10	0s47	15 1	2 3	6 28	1 16	5 11	4 5	11 46	1 24	3 58	2 21	21 6	0 31	0 59	1 28	25 12	7 3	23 28	23 30	14 21	17 46	5 45
S 13	11 57	18 49	2 3	15 17	1 44	6 58	1 21	5 15	4 6	11 49	1 24	4 0	2 21	21 5	0 31	0 58	1 28	25 11	7 3	23 28	23 30	14 18	17 45	5 45
M14	11 36	14 10	3 12	15 31	1 26	7 27	1 27	5 19	4 6	11 52	1 24	4 3	2 21	21 4	0 31	0 58	1 28	25 11	7 3	23 28	23 30	14 16	17 45	5 46
T 15	11 16	8 36	4 7	15 42	1 8	7 56	1 32	5 23	4 7	11 55	1 24	4 5	2 21	21 4	0 32	0 57	1 28	25 11	7 4	23 28	23 30	14 13	17 44	5 46
W16	10 55	2 33	4 45	15 49	0 50	8 25	1 38	5 27	4 7	11 58	1 24	4 7	2 21	21 3	0 32	0 56	1 28	25 11	7 4	23 29	23 30	14 11	17 44	5 47
T 17	10 34	3s33	5 3	15 54	0 33	8 54	1 43	5 30	4 7	12 1	1 24	4 10	2 20	21 2	0 32	0 55	1 28	25 10	7 4	23 29	23 30	14 8	17 43	5 47
F 18	10 13	9 19	5 1	15 56	0 17	9 23	1 49	5 33	4 7	12 4	1 25	4 12	2 20	21 2	0 32	0 54	1 28	25 10	7 4	23 29	23 30	14 6	17 43	5 48
S 19	9 52	14 25	4 40	15 55	0 2	9 52	1 55	5 36	4 8	12 7	1 25	4 15	2 20	21 1	0 32	0 54	1 28	25 10	7 4	23 29	23 30	14 4	17 42	5 48
S 20	9 31	18 35	4 3	15 50	0n13	10 20	2 0	5 38	4 8	12 10	1 25	4 17	2 20	21 1	0 32	0 53	1 28	25 9	7 4	23 29	23 30	14 1	17 42	5 49
M21	9 9	21 40	3 15	15 42	0 27	10 48	2 6	5 40	4 8	12 12	1 25	4 20	2 20	21 0	0 32	0 52	1 28	25 9	7 5	23 29	23 30	13 59	17 41	5 49
T 22	8 47	23 34	2 18	15 30	0 39	11 16	2 12	5 42	4 8	12 15	1 25	4 22	2 20	20 59	0 32	0 51	1 28	25 9	7 5	23 29	23 30	13 56	17 41	5 50
W23	8 26	24 14	1 16	15 15	0 51	11 44	2 18	5 44	4 8	12 18	1 25	4 24	2 20	20 59	0 32	0 50	1 28	25 8	7 5	23 29	23 30	13 54	17 40	5 50
T 24	8 4	23 43	0 12	14 57	1 2	12 12	2 24	5 46	4 7	12 21	1 25	4 27	2 20	20 58	0 32	0 49	1 28	25 8	7 5	23 29	23 30	13 51	17 40	5 51
F 25	7 42	22 7	0n51	14 36	1 11	12 39	2 29	5 47	4 7	12 24	1 25	4 29	2 19	20 58	0 32	0 49	1 28	25 8	7 5	23 29	23 30	13 49	17 39	5 52
S 26	7 19	19 34	1 52	14 12	1 19	13 6	2 35	5 48	4 7	12 27	1 25	4 32	2 19	20 57	0 32	0 48	1 28	25 8	7 5	23 29	23 30	13 46	17 38	5 52
S 27	6 57	16 13	2 47	13 45	1 27	13 33	2 41	5 49	4 7	12 29	1 25	4 35	2 19	20 56	0 32	0 47	1 28	25 7	7 6	23 29	23 30	13 44	17 38	5 53
M28	6 35	12 13	3 35	13 15	1 33	13 59	2 47	5 49	4 6	12 32	1 25	4 37	2 19	20 56	0 32	0 46	1 28	25 7	7 6	23 30	23 30	13 41	17 37	5 53
T 29	6 12	7 45	4 14	12 43	1 38	14 25	2 53	5 49	4 6	12 35	1 25	4 40	2 19	20 55	0 32	0 45	1 28	25 7	7 6	23 30	23 31	13 39	17 37	5 54
W30	5 49	2 57	4 42	12 8	1 42	14 51	2 59	5 49	4 5	12 37	1 25	4 42	2 19	20 55	0 32	0 44	1 28	25 7	7 6	23 30	23 31	13 36	17 36	5 54
T 31	5n27	1n59	4n58	11n32	1n46	15s16	3s 5	5n49	4s 4	12s40	1s25	4s45	2n19	20n54	0n32	0n43	1n28	25n 7	7n 6	23s30	23s31	13s34	17n36	5s55

Julian Day Number = 2251613.5, Delta T = 06m25s
Ecliptic obliquity = 23°30'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°06'11, Lahiri = 16°13'12 Julian Calendar 1 Aug. 1452 == Greg. Calendar 10 Aug. 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

SEPTEMBER 1452 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 16 19	17♍12'48	5♈50	6♍19	3♏28	24°R41	0°R20	17♎36	29♋14	1♎36	8♌16	1°R20	0♑36	13♒19	1♋ 7	F 1
S 2	23 20 15	18°11'24	18°17	8° 9	4°25	24♈37	0♓13	17°42	29°16	1°38	8°17	1♑ 8	0°33	13°26	1°10	S 2
S 3	23 24 12	19°10'02	0♉54	10° 0	5°21	24°32	0° 6	17°49	29°19	1°40	8°19	0°58	0°29	13°32	1°12	S 3
M 4	23 28 9	20° 8'42	13°43	11°52	6°16	24°27	29♒59	17°55	29°22	1°43	8°20	0°51	0°26	13°39	1°15	M 4
T 5	23 32 5	21° 7'25	26°44	13°43	7°11	24°20	29°52	18° 2	29°24	1°45	8°21	0°47	0°23	13°46	1°17	T 5
W 6	23 36 2	22° 6'09	10♊ 0	15°35	8° 5	24°12	29°45	18° 9	29°27	1°47	8°23	0°45	0°20	13°52	1°19	W 6
T 7	23 39 58	23° 4'57	23°34	17°26	8°59	24° 4	29°38	18°16	29°30	1°49	8°24	0°44	0°17	13°59	1°22	T 7
F 8	23 43 55	24° 3'46	7♋26	19°16	9°52	23°55	29°32	18°22	29°32	1°51	8°26	0°44	0°13	14° 6	1°24	F 8
S 9	23 47 51	25° 2'38	21°37	21° 6	10°44	23°45	29°25	18°29	29°35	1°54	8°27	0°43	0°10	14°12	1°26	S 9
S 10	23 51 48	26° 1'32	6♌ 7	22°56	11°36	23°34	29°19	18°36	29°37	1°56	8°28	0°40	0° 7	14°19	1°28	S 10
M11	23 55 44	27° 0'28	20°53	24°45	12°28	23°22	29°13	18°43	29°39	1°58	8°30	0°34	0° 4	14°26	1°30	M11
T 12	23 59 41	27°59'26	5♍47	26°33	13°18	23° 9	29° 7	18°50	29°42	2° 0	8°31	0°26	0° 1	14°33	1°31	T 12
W13	0 3 37	28°58'27	20°44	28°20	14° 8	22°56	29° 1	18°57	29°44	2° 2	8°32	0°15	29♐58	14°39	1°33	W13
T 14	0 7 34	29°57'29	5♎32	0♎ 7	14°57	22°42	28°55	19° 4	29°46	2° 5	8°33	0° 3	29°54	14°46	1°35	T 14
F 15	0 11 31	0♎56'34	20° 3	1°53	15°46	22°28	28°50	19°11	29°48	2° 7	8°35	29♐52	29°51	14°53	1°36	F 15
S 16	0 15 27	1°55'40	4♏11	3°38	16°34	22°12	28°44	19°18	29°51	2° 9	8°36	29°42	29°48	14°59	1°38	S 16
S 17	0 19 24	2°54'49	17°52	5°22	17°21	21°57	28°39	19°25	29°53	2°11	8°37	29°34	29°45	15° 6	1°39	S 17
M18	0 23 20	3°53'59	1♐ 5	7° 5	18° 7	21°40	28°34	19°32	29°55	2°14	8°38	29°30	29°42	15°13	1°41	M18
T 19	0 27 17	4°53'12	13°52	8°48	18°52	21°23	28°29	19°39	29°57	2°16	8°39	29°27	29°39	15°19	1°42	T 19
W20	0 31 13	5°52'26	26°17	10°30	19°36	21° 6	28°24	19°46	29°59	2°18	8°40	29°D27	29°35	15°26	1°43	W20
T 21	0 35 10	6°51'42	8♑26	12°10	20°20	20°48	28°19	19°53	0♌ 1	2°20	8°42	29°R27	29°32	15°33	1°44	T 21
F 22	0 39 6	7°50'59	20°22	13°51	21° 2	20°30	28°15	20° 0	0° 3	2°23	8°43	29°26	29°29	15°39	1°45	F 22
S 23	0 43 3	8°50'19	2♒12	15°30	21°43	20°11	28°11	20° 8	0° 5	2°25	8°44	29°24	29°26	15°46	1°46	S 23
S 24	0 47 0	9°49'40	14° 2	17° 8	22°24	19°52	28° 6	20°15	0° 6	2°27	8°45	29°20	29°23	15°53	1°47	S 24
M25	0 50 56	10°49'03	25°54	18°46	23° 3	19°33	28° 2	20°22	0° 8	2°29	8°46	29°12	29°19	15°59	1°47	M25
T 26	0 54 53	11°48'28	7♓53	20°23	23°41	19°13	27°59	20°29	0°10	2°31	8°47	29° 3	29°16	16° 6	1°48	T 26
W27	0 58 49	12°47'55	20° 2	22° 0	24°18	18°54	27°55	20°36	0°11	2°34	8°48	28°51	29°13	16°13	1°48	W27
T 28	1 2 46	13°47'23	2♈23	23°36	24°53	18°34	27°52	20°43	0°13	2°36	8°49	28°38	29°10	16°19	1°49	T 28
F 29	1 6 42	14°46'54	14°55	25°11	25°27	18°14	27°49	20°51	0°15	2°38	8°49	28°25	29° 7	16°26	1°49	F 29
S 30	1 10 39	15♎46'27	27♈39	26♎45	26♏ 0	17♈55	27♒46	20♎58	0♌16	2♎40	8♌50	28♐12	29♐ 4	16♒33	1♋50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n 4	6n55	5n 0	10n53	1n48	15s42	3s10	5n49	4s 4	12s43	1s25	4s47	2n19	20n54	0n32	0n42	1n28	25n 6	7n 6	23s30	23s31	13s31	17n35	5s55
S 2	4 41	11 37	4 48	10 14	1 49	16 6	3 16	5 48	4 3	12 45	1 25	4 50	2 18	20 53	0 32	0 42	1 28	25 6	7 7	23 30	23 31	13 29	17 34	5 56
S 3	4 18	15 54	4 21	9 32	1 50	16 31	3 22	5 47	4 2	12 48	1 25	4 53	2 18	20 53	0 32	0 41	1 28	25 6	7 7	23 30	23 31	13 26	17 34	5 57
M 4	3 55	19 31	3 41	8 50	1 50	16 55	3 28	5 46	4 1	12 50	1 25	4 55	2 18	20 52	0 32	0 40	1 28	25 6	7 7	23 30	23 31	13 24	17 33	5 57
T 5	3 32	22 14	2 49	8 6	1 49	17 19	3 34	5 45	4 0	12 52	1 25	4 58	2 18	20 51	0 32	0 39	1 28	25 6	7 7	23 30	23 31	13 21	17 33	5 58
W 6	3 9	23 47	1 47	7 22	1 48	17 42	3 40	5 43	3 59	12 55	1 25	5 1	2 18	20 51	0 32	0 38	1 28	25 5	7 7	23 31	23 31	13 19	17 32	5 58
T 7	2 45	23 59	0 38	6 37	1 46	18 5	3 45	5 41	3 57	12 57	1 25	5 3	2 18	20 50	0 32	0 37	1 28	25 5	7 8	23 31	23 31	13 16	17 31	5 59
F 8	2 22	22 43	0s35	5 51	1 44	18 28	3 51	5 39	3 56	12 59	1 25	5 6	2 18	20 50	0 32	0 36	1 28	25 5	7 8	23 31	23 31	13 14	17 31	5 59
S 9	1 59	19 59	1 48	5 5	1 41	18 50	3 57	5 37	3 54	13 2	1 25	5 9	2 18	20 49	0 32	0 35	1 28	25 5	7 8	23 31	23 31	13 11	17 30	6 0
S 10	1 35	15 58	2 55	4 18	1 37	19 12	4 3	5 34	3 53	13 4	1 24	5 11	2 18	20 49	0 32	0 35	1 28	25 5	7 8	23 31	23 31	13 9	17 29	6 1
M11	1 12	10 55	3 52	3 31	1 33	19 33	4 8	5 32	3 51	13 6	1 24	5 14	2 18	20 49	0 32	0 34	1 28	25 5	7 9	23 31	23 31	13 6	17 29	6 1
T 12	0 48	5 11	4 33	2 44	1 29	19 54	4 14	5 29	3 49	13 8	1 24	5 17	2 18	20 48	0 32	0 33	1 28	25 4	7 9	23 31	23 31	13 4	17 28	6 2
W13	0 25	0s51	4 56	1 57	1 24	20 15	4 19	5 26	3 47	13 10	1 24	5 19	2 17	20 48	0 32	0 32	1 28	25 4	7 9	23 31	23 31	13 1	17 28	6 2
T 14	0 1	6 46	4 59	1 10	1 19	20 35	4 25	5 22	3 45	13 12	1 24	5 22	2 17	20 47	0 32	0 31	1 28	25 4	7 9	23 31	23 31	12 59	17 27	6 3
F 15	0s23	12 12	4 42	0 23	1 14	20 55	4 30	5 19	3 43	13 14	1 24	5 25	2 17	20 47	0 32	0 30	1 28	25 4	7 9	23 31	23 31	12 56	17 26	6 4
S 16	0 46	16 50	4 8	0s24	1 9	21 14	4 36	5 15	3 41	13 16	1 24	5 28	2 17	20 46	0 32	0 29	1 28	25 4	7 10	23 31	23 31	12 53	17 26	6 4
S 17	1 10	20 25	3 21	1 10	1 3	21 33	4 41	5 12	3 38	13 17	1 24	5 30	2 17	20 46	0 32	0 28	1 28	25 4	7 10	23 31	23 31	12 51	17 25	6 5
M18	1 33	22 47	2 24	1 57	0 57	21 51	4 46	5 8	3 36	13 19	1 24	5 33	2 17	20 45	0 32	0 27	1 28	25 4	7 10	23 31	23 31	12 48	17 24	6 6
T 19	1 57	23 53	1 22	2 43	0 51	22 9	4 51	5 4	3 33	13 21	1 24	5 36	2 17	20 45	0 32	0 27	1 28	25 4	7 10	23 31	23 31	12 46	17 24	6 6
W20	2 20	23 44	0 17	3 29	0 45	22 26	4 56	5 0	3 31	13 22	1 23	5 38	2 17	20 45	0 33	0 26	1 28	25 4	7 11	23 31	23 31	12 43	17 23	6 7
T 21	2 44	22 27	0n47	4 14	0 39	22 42	5 1	4 56	3 28	13 24	1 23	5 41	2 17	20 44	0 33	0 25	1 28	25 3	7 11	23 31	23 31	12 41	17 23	6 7
F 22	3 7	20 10	1 48	4 59	0 32	22 59	5 6	4 52	3 25	13 25	1 23	5 44	2 17	20 44	0 33	0 24	1 28	25 3	7 11	23 31	23 31	12 38	17 22	6 8
S 23	3 31	17 4	2 44	5 44	0 25	23 14	5 10	4 48	3 22	13 27	1 23	5 47	2 17	20 44	0 33	0 23	1 28	25 3	7 11	23 31	23 31	12 36	17 21	6 9
S 24	3 54	13 16	3 33	6 28	0 19	23 29	5 15	4 44	3 19	13 28	1 23	5 49	2 17	20 43	0 33	0 22	1 28	25 3	7 12	23 31	23 31	12 33	17 21	6 9
M25	4 18	8 58	4 12	7 11	0 12	23 44	5 19	4 39	3 15	13 29	1 23	5 52	2 17	20 43	0 33	0 21	1 28	25 3	7 12	23 30	23 31	12 31	17 20	6 10
T 26	4 41	4 17	4 41	7 55	0 5	23 58	5 24	4 35	3 12	13 30	1 23	5 55	2 17	20 43	0 33	0 20	1 28	25 3	7 12	23 30	23 31	12 28	17 19	6 11
W27	5 4	0n36	4 57	8 37	0s 2	24 11	5 28	4 31	3 9	13 31	1 23	5 57	2 17	20 42	0 33	0 20	1 28	25 3	7 12	23 30	23 30	12 26	17 19	6 11
T 28	5 27	5 32	5 0	9 19	0 8	24 24	5 32	4 26	3 5	13 32	1 22	6 0	2 17	20 42	0 33	0 19	1 28	25 3	7 13	23 30	23 30	12 23	17 18	6 12
F 29	5 50	10 19	4 49	10 1	0 15	24 36	5 35	4 22	3 2	13 33	1 22	6 3	2 17	20 42	0 33	0 18	1 28	25 3	7 13	23 30	23 30	12 21	17 18	6 12
S 30	6s14	14n45	4n23	10s41	0s22	24s48	5s39	4n18	2s58	13s34	1s22	6s 6	2n17	20n41	0n33	0n17	1n28	25n 3	7n13	23s30	23s30	12s18	17n17	6s13

Julian Day Number = 2251644.5, Delta T = 06m25s
Ecliptic obliquity = 23°30'38, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°06'16, Lahiri = 16°13'16 Julian Calendar 1 Sept. 1452 == Greg. Calendar 10 Sept. 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

OCTOBER 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 14 35	16♎46'02	10♉35	28♎19	26♏31	17°R35	27°R43	21♎ 5	0♌18	2♎42	8♌51	28°R 3	29♐ 0	16♒40	1♋50	S 1
M 2	1 18 32	17°45'39	23°42	29°52	27° 1	17♈15	27♒40	21°12	0°19	2°45	8°52	27♐55	28°57	16°46	1°50	M 2
T 3	1 22 29	18°45'18	7♊ 0	1♏25	27°30	16°56	27°38	21°20	0°20	2°47	8°53	27°51	28°54	16°53	1°R50	T 3
W 4	1 26 25	19°45'00	20°28	2°57	27°56	16°36	27°36	21°27	0°22	2°49	8°54	27°49	28°51	17° 0	1°50	W 4
T 5	1 30 22	20°44'44	4♋ 8	4°28	28°22	16°17	27°34	21°34	0°23	2°51	8°54	27°D49	28°48	17° 6	1°50	T 5
F 6	1 34 18	21°44'30	17°59	5°59	28°45	15°59	27°32	21°41	0°24	2°53	8°55	27°R50	28°44	17°13	1°49	F 6
S 7	1 38 15	22°44'18	2♌ 2	7°29	29° 7	15°40	27°30	21°49	0°25	2°55	8°56	27°49	28°41	17°20	1°49	S 7
S 8	1 42 11	23°44'09	16°16	8°59	29°26	15°22	27°29	21°56	0°26	2°58	8°56	27°47	28°38	17°26	1°49	S 8
M 9	1 46 8	24°44'02	0♍40	10°28	29°44	15° 4	27°28	22° 3	0°28	3° 0	8°57	27°43	28°35	17°33	1°48	M 9
T 10	1 50 4	25°43'57	15°10	11°56	0♐ 0	14°47	27°27	22°10	0°29	3° 2	8°58	27°36	28°32	17°40	1°47	T 10
W11	1 54 1	26°43'54	29°41	13°24	0°14	14°30	27°26	22°18	0°29	3° 4	8°58	27°27	28°29	17°46	1°47	W11
T 12	1 57 58	27°43'54	14♎ 6	14°51	0°26	14°14	27°25	22°25	0°30	3° 6	8°59	27°17	28°25	17°53	1°46	T 12
F 13	2 1 54	28°43'55	28°18	16°18	0°36	13°58	27°25	22°32	0°31	3° 8	8°59	27° 7	28°22	18° 0	1°45	F 13
S 14	2 5 51	29°43'58	12♍13	17°44	0°44	13°43	27°D25	22°39	0°32	3°10	9° 0	26°59	28°19	18° 6	1°44	S 14
S 15	2 9 47	0♍44'04	25°46	19° 9	0°49	13°28	27°25	22°46	0°33	3°12	9° 1	26°52	28°16	18°13	1°43	S 15
M16	2 13 44	1°44'11	8♐56	20°33	0°52	13°15	27°25	22°54	0°33	3°14	9° 1	26°48	28°13	18°20	1°42	M16
T 17	2 17 40	2°44'19	21°43	21°57	0°R53	13° 1	27°25	23° 1	0°34	3°16	9° 1	26°D47	28°10	18°27	1°41	T 17
W18	2 21 37	3°44'30	4♑10	23°20	0°51	12°49	27°26	23° 8	0°35	3°18	9° 2	26°47	28° 6	18°33	1°40	W18
T 19	2 25 33	4°44'42	16°20	24°42	0°47	12°37	27°27	23°15	0°35	3°20	9° 2	26°48	28° 3	18°40	1°38	T 19
F 20	2 29 30	5°44'55	28°18	26° 3	0°40	12°27	27°28	23°22	0°36	3°22	9° 3	26°49	28° 0	18°47	1°37	F 20
S 21	2 33 27	6°45'10	10♒10	27°23	0°31	12°16	27°29	23°29	0°36	3°24	9° 3	26°R49	27°57	18°53	1°35	S 21
S 22	2 37 23	7°45'26	22° 0	28°42	0°20	12° 7	27°31	23°37	0°36	3°26	9° 3	26°48	27°54	19° 0	1°34	S 22
M23	2 41 20	8°45'44	3♓55	29°59	0° 6	11°59	27°32	23°44	0°37	3°28	9° 3	26°44	27°50	19° 7	1°32	M23
T 24	2 45 16	9°46'04	15°57	1♐16	29♏50	11°51	27°34	23°51	0°37	3°30	9° 4	26°39	27°47	19°13	1°30	T 24
W25	2 49 13	10°46'24	28°11	2°30	29°31	11°44	27°36	23°58	0°37	3°32	9° 4	26°32	27°44	19°20	1°28	W25
T 26	2 53 9	11°46'47	10♈40	3°43	29°10	11°38	27°38	24° 5	0°37	3°33	9° 4	26°24	27°41	19°27	1°26	T 26
F 27	2 57 6	12°47'11	23°25	4°53	28°47	11°32	27°41	24°12	0°37	3°35	9° 4	26°16	27°38	19°33	1°24	F 27
S 28	3 1 2	13°47'36	6♉27	6° 2	28°22	11°28	27°44	24°19	0°R37	3°37	9° 4	26° 8	27°35	19°40	1°22	S 28
S 29	3 4 59	14°48'03	19°44	7° 8	27°54	11°24	27°46	24°26	0°37	3°39	9° 4	26° 2	27°31	19°47	1°20	S 29
M30	3 8 55	15°48'32	3♊15	8°11	27°25	11°21	27°49	24°33	0°37	3°41	9° 5	25°58	27°28	19°54	1°18	M30
T 31	3 12 52	16♏49'03	16♊58	9♐11	26♏54	11♈19	27♒53	24♎40	0♌37	3♎42	9♌ 5	25♐56	27♐25	20♒ 0	1♋15	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	6s36	18n34	3n43	11s22	0s29	24s58	5s42	4n14	2s54	13s35	1s22	6s 8	2n17	20n41	0n33	0n16	1n28	25n 3	7n13	23s30	23s30	12s15	17n16	6s14
M 2	6 59	21 30	2 51	12 1	0 36	25 9	5 45	4 10	2 51	13 36	1 22	6 11	2 17	20 41	0 33	0 15	1 28	25 3	7 14	23 30	23 30	12 13	17 16	6 14
T 3	7 22	23 19	1 48	12 40	0 43	25 18	5 48	4 6	2 47	13 36	1 22	6 14	2 17	20 40	0 33	0 14	1 28	25 3	7 14	23 30	23 30	12 10	17 15	6 15
W 4	7 45	23 49	0 39	13 18	0 50	25 27	5 51	4 2	2 43	13 37	1 21	6 17	2 17	20 40	0 33	0 14	1 28	25 3	7 14	23 30	23 30	12 8	17 14	6 16
T 5	8 7	22 53	0s34	13 56	0 56	25 35	5 53	3 59	2 39	13 38	1 21	6 19	2 17	20 40	0 33	0 13	1 28	25 3	7 14	23 30	23 30	12 5	17 14	6 16
F 6	8 30	20 34	1 45	14 33	1 3	25 43	5 55	3 55	2 35	13 38	1 21	6 22	2 17	20 40	0 33	0 12	1 28	25 3	7 15	23 30	23 30	12 3	17 13	6 17
S 7	8 52	16 59	2 52	15 9	1 9	25 49	5 57	3 51	2 31	13 38	1 21	6 25	2 17	20 40	0 33	0 11	1 28	25 3	7 15	23 30	23 30	12 0	17 13	6 17
S 8	9 14	12 23	3 48	15 44	1 16	25 55	5 59	3 48	2 27	13 39	1 21	6 27	2 17	20 39	0 33	0 10	1 28	25 4	7 15	23 30	23 30	11 58	17 12	6 18
M 9	9 36	7 2	4 31	16 18	1 22	26 1	6 0	3 45	2 23	13 39	1 21	6 30	2 17	20 39	0 33	0 9	1 28	25 4	7 15	23 29	23 30	11 55	17 11	6 19
T 10	9 58	1 18	4 57	16 52	1 28	26 5	6 1	3 42	2 19	13 39	1 20	6 33	2 17	20 39	0 33	0 9	1 28	25 4	7 16	23 29	23 30	11 52	17 11	6 19
W11	10 20	4s31	5 4	17 24	1 34	26 8	6 1	3 39	2 15	13 39	1 20	6 35	2 17	20 39	0 33	0 8	1 28	25 4	7 16	23 29	23 30	11 50	17 10	6 20
T 12	10 42	10 2	4 51	17 56	1 40	26 11	6 1	3 37	2 11	13 39	1 20	6 38	2 17	20 39	0 33	0 7	1 28	25 4	7 16	23 29	23 30	11 47	17 10	6 20
F 13	11 3	14 57	4 21	18 27	1 46	26 13	6 1	3 35	2 7	13 39	1 20	6 41	2 17	20 39	0 33	0 6	1 29	25 4	7 17	23 29	23 30	11 45	17 9	6 21
S 14	11 25	18 57	3 35	18 57	1 52	26 14	6 0	3 33	2 3	13 39	1 20	6 43	2 17	20 38	0 33	0 5	1 29	25 4	7 17	23 29	23 30	11 42	17 8	6 22
S 15	11 46	21 49	2 38	19 26	1 57	26 14	5 59	3 31	1 59	13 39	1 19	6 46	2 17	20 38	0 33	0 5	1 29	25 4	7 17	23 28	23 30	11 40	17 8	6 22
M16	12 7	23 24	1 34	19 54	2 2	26 13	5 57	3 29	1 55	13 39	1 19	6 49	2 17	20 38	0 33	0 4	1 29	25 4	7 17	23 28	23 30	11 37	17 7	6 23
T 17	12 28	23 42	0 27	20 21	2 7	26 11	5 55	3 28	1 50	13 38	1 19	6 51	2 17	20 38	0 34	0 3	1 29	25 5	7 18	23 28	23 30	11 34	17 7	6 23
W18	12 48	22 47	0n40	20 47	2 12	26 8	5 52	3 27	1 46	13 38	1 19	6 54	2 17	20 38	0 34	0 2	1 29	25 5	7 18	23 28	23 30	11 32	17 6	6 24
T 19	13 8	20 48	1 43	21 12	2 16	26 3	5 49	3 26	1 42	13 38	1 19	6 56	2 17	20 38	0 34	0 2	1 29	25 5	7 18	23 28	23 30	11 29	17 5	6 25
F 20	13 29	17 56	2 41	21 36	2 20	25 58	5 45	3 25	1 38	13 37	1 19	6 59	2 17	20 38	0 34	0 1	1 29	25 5	7 18	23 28	23 30	11 27	17 5	6 25
S 21	13 49	14 21	3 32	21 58	2 24	25 52	5 40	3 25	1 34	13 36	1 18	7 2	2 17	20 38	0 34	0 0	1 29	25 5	7 19	23 28	23 30	11 24	17 4	6 26
S 22	14 8	10 13	4 13	22 20	2 28	25 44	5 35	3 25	1 30	13 36	1 18	7 4	2 17	20 38	0 34	0s 1	1 29	25 5	7 19	23 28	23 30	11 22	17 4	6 26
M23	14 28	5 41	4 44	22 40	2 31	25 36	5 30	3 25	1 26	13 35	1 18	7 7	2 17	20 38	0 34	0 1	1 29	25 6	7 19	23 28	23 30	11 19	17 3	6 27
T 24	14 47	0 54	5 3	22 58	2 33	25 26	5 23	3 26	1 23	13 34	1 18	7 9	2 17	20 38	0 34	0 2	1 29	25 6	7 20	23 28	23 30	11 16	17 3	6 27
W25	15 6	3n59	5 8	23 16	2 36	25 15	5 16	3 27	1 19	13 33	1 18	7 12	2 17	20 38	0 34	0 3	1 29	25 6	7 20	23 28	23 29	11 14	17 2	6 28
T 26	15 25	8 49	4 59	23 32	2 37	25 3	5 8	3 28	1 15	13 32	1 17	7 14	2 17	20 38	0 34	0 4	1 29	25 6	7 20	23 28	23 29	11 11	17 2	6 29
F 27	15 43	13 22	4 35	23 46	2 39	24 49	5 0	3 29	1 11	13 31	1 17	7 17	2 17	20 38	0 34	0 4	1 29	25 6	7 20	23 27	23 29	11 9	17 1	6 29
S 28	16 2	17 25	3 56	24 0	2 39	24 35	4 51	3 31	1 8	13 30	1 17	7 19	2 17	20 38	0 34	0 5	1 29	25 7	7 21	23 27	23 29	11 6	17 1	6 30
S 29	16 20	20 40	3 4	24 11	2 39	24 19	4 41	3 33	1 4	13 29	1 17	7 22	2 17	20 38	0 34	0 6	1 29	25 7	7 21	23 27	23 29	11 3	17 0	6 30
M30	16 37	22 50	2 0	24 21	2 39	24 2	4 31	3 35	1 0	13 28	1 17	7 24	2 18	20 38	0 34	0 6	1 29	25 7	7 21	23 27	23 29	11 1	17 0	6 31
T 31	16s55	23n40	0n49	24s29	2s37	23s44	4s19	3n37	0s57	13s26	1s16	7s27	2n18	20n38	0n34	0s 7	1n29	25n 7	7n21	23s27	23s29	10s58	16n59	6s31

Julian Day Number = 2251674.5, Delta T = 06m24s
Ecliptic obliquity = 23°30'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°06'20, Lahiri = 16°13'20 Julian Calendar 1 Oct. 1452 == Greg. Calendar 10 Oct. 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

NOVEMBER 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 16 49	17♏49'35	0♋50	10♐ 7	26°R22	11°R18	27♒56	24♎46	0°R37	3♎44	9°R 5	25°D55	27♐22	20♒ 7	1°R13	W 1
T 2	3 20 45	18°50'09	14°49	10°59	25♏49	11°D17	28° 0	24°53	0♌36	3°46	9♌ 5	25♐56	27°19	20°14	1♋10	T 2
F 3	3 24 42	19°50'45	28°53	11°46	25°14	11♈18	28° 4	25° 0	0°36	3°48	9° 5	25°58	27°16	20°20	1° 8	F 3
S 4	3 28 38	20°51'22	13♌ 0	12°28	24°39	11°19	28° 8	25° 7	0°36	3°49	9° 4	25°59	27°12	20°27	1° 5	S 4
S 5	3 32 35	21°52'01	27°10	13° 4	24° 3	11°21	28°12	25°14	0°35	3°51	9° 4	25°R59	27° 9	20°34	1° 3	S 5
M 6	3 36 31	22°52'42	11♍19	13°33	23°26	11°23	28°16	25°20	0°35	3°53	9° 4	25°58	27° 6	20°40	1° 0	M 6
T 7	3 40 28	23°53'25	25°27	13°55	22°50	11°27	28°21	25°27	0°34	3°54	9° 4	25°55	27° 3	20°47	0°57	T 7
W 8	3 44 25	24°54'09	9♎30	14° 9	22°14	11°31	28°26	25°34	0°34	3°56	9° 4	25°51	27° 0	20°54	0°54	W 8
T 9	3 48 21	25°54'55	23°26	14°R13	21°38	11°36	28°30	25°40	0°33	3°57	9° 4	25°46	26°56	21° 1	0°51	T 9
F 10	3 52 18	26°55'42	7♏11	14° 8	21° 3	11°42	28°36	25°47	0°32	3°59	9° 3	25°41	26°53	21° 7	0°48	F 10
S 11	3 56 14	27°56'31	20°42	13°53	20°28	11°48	28°41	25°53	0°32	4° 0	9° 3	25°37	26°50	21°14	0°45	S 11
S 12	4 0 11	28°57'21	3♐57	13°27	19°55	11°55	28°46	26° 0	0°31	4° 2	9° 3	25°34	26°47	21°21	0°42	S 12
M13	4 4 7	29°58'12	16°54	12°49	19°23	12° 3	28°52	26° 6	0°30	4° 3	9° 3	25°33	26°44	21°27	0°39	M13
T 14	4 8 4	0♐59'05	29°33	12° 1	18°53	12°11	28°58	26°13	0°29	4° 5	9° 2	25°D32	26°41	21°34	0°36	T 14
W15	4 12 0	1°59'58	11♑57	11° 3	18°24	12°21	29° 4	26°19	0°28	4° 6	9° 2	25°33	26°37	21°41	0°32	W15
T 16	4 15 57	3° 0'53	24° 6	9°55	17°58	12°31	29°10	26°25	0°27	4° 7	9° 1	25°35	26°34	21°47	0°29	T 16
F 17	4 19 54	4° 1'48	6♒ 5	8°40	17°33	12°41	29°16	26°32	0°26	4° 9	9° 1	25°37	26°31	21°54	0°25	F 17
S 18	4 23 50	5° 2'44	17°57	7°20	17°10	12°52	29°23	26°38	0°25	4°10	9° 1	25°38	26°28	22° 1	0°22	S 18
S 19	4 27 47	6° 3'41	29°48	5°58	16°50	13° 4	29°30	26°44	0°24	4°11	9° 0	25°39	26°25	22° 8	0°18	S 19
M20	4 31 43	7° 4'38	11♓42	4°35	16°32	13°17	29°37	26°50	0°23	4°13	9° 0	25°R39	26°22	22°14	0°15	M20
T 21	4 35 40	8° 5'36	23°44	3°16	16°16	13°30	29°44	26°56	0°21	4°14	8°59	25°38	26°18	22°21	0°11	T 21
W22	4 39 36	9° 6'35	5♈58	2° 2	16° 2	13°43	29°51	27° 2	0°20	4°15	8°58	25°37	26°15	22°28	0° 8	W22
T 23	4 43 33	10° 7'35	18°29	0°55	15°52	13°57	29°58	27° 8	0°19	4°16	8°58	25°35	26°12	22°34	0° 4	T 23
F 24	4 47 29	11° 8'35	1♉19	29♏59	15°43	14°12	0♓ 6	27°14	0°17	4°17	8°57	25°32	26° 9	22°41	0° 0	F 24
S 25	4 51 26	12° 9'36	14°31	29°12	15°37	14°28	0°13	27°20	0°16	4°18	8°57	25°30	26° 6	22°48	29♊56	S 25
S 26	4 55 23	13°10'38	28° 4	28°37	15°34	14°43	0°21	27°26	0°14	4°19	8°56	25°29	26° 2	22°54	29°53	S 26
M27	4 59 19	14°11'40	11♊56	28°13	15°D33	15° 0	0°29	27°31	0°13	4°20	8°55	25°28	25°59	23° 1	29°49	M27
T 28	5 3 16	15°12'43	26° 5	28° 0	15°34	15°17	0°37	27°37	0°11	4°21	8°54	25°D28	25°56	23° 8	29°45	T 28
W29	5 7 12	16°13'47	10♋26	27°D58	15°38	15°34	0°45	27°43	0° 9	4°22	8°54	25°28	25°53	23°15	29°41	W29
T 30	5 11 9	17♐14'51	24♋54	28♏ 5	15♏45	15♈52	0♓54	27♎48	0♌ 8	4♎23	8♌53	25♐29	25♐50	23♒21	29♊37	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	17s12	23n 4	0s27	24s36	2s35	23s25	4s 8	3n40	0s53	13s25	1s16	7s29	2n18	20n38	0n34	0s 8	1n29	25n 8	7n22	23s27	23s29	10s56	16n59	6s32
T 2	17 29	21 1	1 41	24 40	2 32	23 4	3 55	3 43	0 50	13 24	1 16	7 32	2 18	20 38	0 34	0 8	1 29	25 8	7 22	23 27	23 29	10 53	16 58	6 32
F 3	17 45	17 40	2 50	24 43	2 28	22 44	3 42	3 46	0 47	13 22	1 16	7 34	2 18	20 38	0 34	0 9	1 29	25 8	7 22	23 27	23 29	10 51	16 58	6 33
S 4	18 1	13 18	3 49	24 44	2 23	22 22	3 29	3 49	0 43	13 20	1 16	7 36	2 18	20 38	0 34	0 9	1 29	25 9	7 23	23 27	23 29	10 48	16 57	6 33
S 5	18 17	8 12	4 34	24 42	2 17	21 59	3 15	3 53	0 40	13 19	1 15	7 39	2 18	20 38	0 34	0 10	1 29	25 9	7 23	23 27	23 29	10 45	16 57	6 34
M 6	18 33	2 41	5 2	24 39	2 10	21 36	3 1	3 57	0 37	13 17	1 15	7 41	2 18	20 39	0 34	0 11	1 29	25 9	7 23	23 27	23 29	10 43	16 56	6 34
T 7	18 48	2s58	5 12	24 33	2 1	21 13	2 46	4 1	0 34	13 15	1 15	7 43	2 18	20 39	0 34	0 11	1 29	25 9	7 23	23 27	23 29	10 40	16 56	6 35
W 8	19 3	8 25	5 3	24 25	1 51	20 49	2 31	4 6	0 31	13 14	1 15	7 46	2 18	20 39	0 34	0 12	1 29	25 10	7 24	23 27	23 29	10 38	16 55	6 35
T 9	19 18	13 25	4 37	24 14	1 40	20 25	2 16	4 10	0 28	13 12	1 15	7 48	2 18	20 39	0 34	0 12	1 30	25 10	7 24	23 27	23 28	10 35	16 55	6 36
F 10	19 32	17 38	3 54	24 0	1 27	20 0	2 0	4 15	0 25	13 10	1 14	7 50	2 19	20 39	0 34	0 13	1 30	25 10	7 24	23 26	23 28	10 32	16 54	6 36
S 11	19 46	20 52	3 0	23 44	1 13	19 36	1 45	4 20	0 22	13 8	1 14	7 53	2 19	20 39	0 34	0 14	1 30	25 11	7 25	23 26	23 28	10 30	16 54	6 36
S 12	19 59	22 54	1 56	23 25	0 57	19 12	1 29	4 26	0 19	13 6	1 14	7 55	2 19	20 40	0 34	0 14	1 30	25 11	7 25	23 26	23 28	10 27	16 54	6 37
M13	20 12	23 39	0 47	23 3	0 39	18 48	1 14	4 31	0 16	13 3	1 14	7 57	2 19	20 40	0 35	0 15	1 30	25 11	7 25	23 26	23 28	10 25	16 53	6 37
T 14	20 25	23 8	0n22	22 39	0 21	18 25	0 58	4 37	0 14	13 1	1 14	7 59	2 19	20 40	0 35	0 15	1 30	25 12	7 25	23 26	23 28	10 22	16 53	6 38
W15	20 37	21 30	1 29	22 11	0 1	18 2	0 43	4 43	0 11	12 59	1 14	8 1	2 19	20 40	0 35	0 16	1 30	25 12	7 26	23 26	23 28	10 19	16 52	6 38
T 16	20 49	18 53	2 31	21 42	0n19	17 40	0 27	4 49	0 9	12 56	1 13	8 4	2 19	20 41	0 35	0 16	1 30	25 12	7 26	23 26	23 28	10 17	16 52	6 39
F 17	21 1	15 30	3 25	21 10	0 39	17 19	0 13	4 56	0 6	12 54	1 13	8 6	2 19	20 41	0 35	0 17	1 30	25 13	7 26	23 26	23 28	10 14	16 52	6 39
S 18	21 12	11 31	4 10	20 37	1 0	16 59	0n 2	5 3	0 4	12 52	1 13	8 8	2 20	20 41	0 35	0 17	1 30	25 13	7 26	23 26	23 28	10 12	16 51	6 39
S 19	21 23	7 8	4 44	20 4	1 19	16 39	0 17	5 9	0 1	12 49	1 13	8 10	2 20	20 41	0 35	0 18	1 30	25 14	7 27	23 26	23 28	10 9	16 51	6 40
M20	21 33	2 28	5 7	19 31	1 37	16 20	0 31	5 16	0n 1	12 47	1 13	8 12	2 20	20 42	0 35	0 18	1 30	25 14	7 27	23 26	23 28	10 6	16 51	6 40
T 21	21 43	2n20	5 16	19 0	1 54	16 3	0 44	5 24	0 4	12 44	1 12	8 14	2 20	20 42	0 35	0 18	1 30	25 14	7 27	23 26	23 28	10 4	16 50	6 40
W22	21 53	7 8	5 11	18 31	2 9	15 46	0 57	5 31	0 6	12 41	1 12	8 16	2 20	20 42	0 35	0 19	1 30	25 15	7 27	23 26	23 27	10 1	16 50	6 41
T 23	22 2	11 45	4 51	18 6	2 21	15 31	1 10	5 39	0 8	12 38	1 12	8 18	2 20	20 43	0 35	0 19	1 30	25 15	7 28	23 26	23 27	9 58	16 50	6 41
F 24	22 11	15 58	4 17	17 44	2 32	15 17	1 22	5 46	0 10	12 36	1 12	8 20	2 20	20 43	0 35	0 20	1 30	25 16	7 28	23 26	23 27	9 56	16 49	6 41
S 25	22 19	19 33	3 28	17 27	2 40	15 4	1 34	5 54	0 12	12 33	1 12	8 22	2 21	20 43	0 35	0 20	1 30	25 16	7 28	23 26	23 27	9 53	16 49	6 42
S 26	22 27	22 9	2 26	17 13	2 45	14 52	1 46	6 2	0 14	12 30	1 12	8 24	2 21	20 44	0 35	0 20	1 30	25 16	7 28	23 26	23 27	9 51	16 49	6 42
M27	22 34	23 31	1 14	17 4	2 49	14 41	1 56	6 11	0 16	12 27	1 11	8 26	2 21	20 44	0 35	0 21	1 30	25 17	7 29	23 26	23 27	9 48	16 48	6 42
T 28	22 41	23 24	0s 3	17 0	2 51	14 32	2 7	6 19	0 18	12 24	1 11	8 28	2 21	20 44	0 35	0 21	1 30	25 17	7 29	23 26	23 27	9 45	16 48	6 42
W29	22 48	21 44	1 22	16 59	2 51	14 23	2 17	6 27	0 20	12 21	1 11	8 30	2 21	20 45	0 35	0 22	1 31	25 18	7 29	23 26	23 27	9 43	16 48	6 43
T 30	22s54	18n39	2s36	17s 2	2n50	14s16	2n26	6n36	0n22	12s18	1s11	8s31	2n21	20n45	0n35	0s22	1n31	25n18	7n29	23s26	23s27	9s40	16n48	6s43

Julian Day Number = 2251705.5, Delta T = 06m24s
Ecliptic obliquity = 23°30'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°06'24, Lahiri = 16°13'25 Julian Calendar 1 Nov. 1452 == Greg. Calendar 10 Nov. 1452

ASTRODIENST EPHEMERIS for the year 1452
geocentric

DECEMBER 1452 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 15 5	18♐15'57	9♌24	28♏21	15♏53	16♈10	1♓ 2	27♎54	0°R 6	4♎24	8°R52	25♐29	25♐47	23♒28	29°R33	F 1
S 2	5 19 2	19°17'03	23°50	28°46	16° 4	16°29	1°11	27°59	0♌ 4	4°25	8♌51	25°30	25°43	23°35	29♊29	S 2
S 3	5 22 58	20°18'10	8♍ 9	29°18	16°17	16°48	1°20	28° 4	0° 3	4°26	8°51	25°30	25°40	23°41	29°25	S 3
M 4	5 26 55	21°19'18	22°18	29°56	16°33	17° 8	1°29	28°10	0° 1	4°27	8°50	25°R30	25°37	23°48	29°21	M 4
T 5	5 30 52	22°20'26	6♎15	0♐41	16°50	17°28	1°38	28°15	29♋59	4°28	8°49	25°30	25°34	23°55	29°17	T 5
W 6	5 34 48	23°21'35	19°59	1°31	17° 9	17°49	1°47	28°20	29°57	4°28	8°48	25°30	25°31	24° 1	29°13	W 6
T 7	5 38 45	24°22'45	3♏30	2°25	17°31	18°10	1°57	28°25	29°55	4°29	8°47	25°30	25°28	24° 8	29° 9	T 7
F 8	5 42 41	25°23'56	16°48	3°24	17°54	18°31	2° 6	28°30	29°53	4°30	8°46	25°D30	25°24	24°15	29° 5	F 8
S 9	5 46 38	26°25'07	29°52	4°26	18°19	18°53	2°16	28°35	29°51	4°30	8°45	25°30	25°21	24°22	29° 1	S 9
S 10	5 50 34	27°26'18	12♐43	5°31	18°46	19°15	2°25	28°40	29°49	4°31	8°44	25°30	25°18	24°28	28°57	S 10
M11	5 54 31	28°27'30	25°21	6°40	19°14	19°37	2°35	28°45	29°47	4°32	8°43	25°R30	25°15	24°35	28°53	M11
T 12	5 58 27	29°28'42	7♑47	7°50	19°44	20° 0	2°45	28°50	29°45	4°32	8°42	25°30	25°12	24°42	28°49	T 12
W13	6 2 24	0♑29'54	20° 2	9° 3	20°16	20°23	2°55	28°54	29°43	4°33	8°41	25°30	25° 8	24°48	28°45	W13
T 14	6 6 21	1°31'07	2♒ 7	10°18	20°49	20°47	3° 6	28°59	29°40	4°33	8°40	25°29	25° 5	24°55	28°41	T 14
F 15	6 10 17	2°32'19	14° 4	11°34	21°24	21°11	3°16	29° 3	29°38	4°34	8°39	25°28	25° 2	25° 2	28°36	F 15
S 16	6 14 14	3°33'31	25°56	12°52	22° 0	21°35	3°27	29° 8	29°36	4°34	8°38	25°27	24°59	25° 8	28°32	S 16
S 17	6 18 10	4°34'42	7♓46	14°12	22°37	22° 0	3°37	29°12	29°34	4°34	8°37	25°26	24°56	25°15	28°28	S 17
M18	6 22 7	5°35'54	19°39	15°32	23°16	22°25	3°48	29°16	29°31	4°35	8°36	25°25	24°53	25°22	28°24	M18
T 19	6 26 3	6°37'05	1♈38	16°54	23°55	22°50	3°59	29°20	29°29	4°35	8°34	25°D24	24°49	25°29	28°20	T 19
W20	6 30 0	7°38'15	13°48	18°17	24°36	23°16	4°10	29°24	29°27	4°35	8°33	25°24	24°46	25°35	28°16	W20
T 21	6 33 56	8°39'26	26°15	19°41	25°18	23°41	4°21	29°28	29°24	4°36	8°32	25°25	24°43	25°42	28°12	T 21
F 22	6 37 53	9°40'36	9♉ 2	21° 5	26° 2	24° 7	4°32	29°32	29°22	4°36	8°31	25°26	24°40	25°49	28° 8	F 22
S 23	6 41 50	10°41'45	22°12	22°31	26°46	24°34	4°43	29°36	29°19	4°36	8°30	25°27	24°37	25°55	28° 4	S 23
S 24	6 45 46	11°42'54	5♊48	23°57	27°31	25° 0	4°55	29°40	29°17	4°36	8°28	25°29	24°34	26° 2	28° 0	S 24
M25	6 49 43	12°44'03	19°50	25°24	28°18	25°27	5° 6	29°44	29°14	4°36	8°27	25°R29	24°30	26° 9	27°56	M25
T 26	6 53 39	13°45'11	4♋15	26°51	29° 5	25°54	5°18	29°47	29°12	4°36	8°26	25°29	24°27	26°16	27°52	T 26
W27	6 57 36	14°46'18	19° 0	28°19	29°53	26°22	5°29	29°51	29° 9	4°36	8°25	25°28	24°24	26°22	27°49	W27
T 28	7 1 32	15°47'26	3♌55	29°48	0♐42	26°49	5°41	29°54	29° 7	4°R36	8°23	25°26	24°21	26°29	27°45	T 28
F 29	7 5 29	16°48'32	18°54	1♑17	1°32	27°17	5°53	29°57	29° 4	4°36	8°22	25°23	24°18	26°36	27°41	F 29
S 30	7 9 26	17°49'39	3♍47	2°47	2°22	27°45	6° 5	0♏ 0	29° 2	4°36	8°21	25°20	24°14	26°42	27°37	S 30
S 31	7 13 22	18♑50'45	18♍27	4♑18	3♐14	28♈13	6♓17	0♏ 4	28♋59	4♎36	8♌19	25♐17	24♐11	26♒49	27♊33	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	22s59	14n25	3s40	17s 8	2n47	14s10	2n35	6n45	0n24	12s14	1s11	8s33	2n22	20n46	0n35	0s22	1n31	25n19	7n30	23s26	23s27	9s38	16n47	6s43
S 2	23 5	9 22	4 30	17 17	2 44	14 5	2 44	6 54	0 26	12 11	1 11	8 35	2 22	20 46	0 35	0 22	1 31	25 19	7 30	23 26	23 26	9 35	16 47	6 43
S 3	23 9	3 51	5 3	17 28	2 39	14 1	2 52	7 3	0 27	12 8	1 10	8 37	2 22	20 46	0 35	0 23	1 31	25 20	7 30	23 26	23 26	9 32	16 47	6 44
M 4	23 14	1s47	5 17	17 42	2 34	13 58	2 59	7 12	0 29	12 4	1 10	8 38	2 22	20 47	0 35	0 23	1 31	25 20	7 30	23 26	23 26	9 30	16 47	6 44
T 5	23 17	7 15	5 12	17 57	2 28	13 56	3 6	7 21	0 31	12 1	1 10	8 40	2 22	20 47	0 35	0 23	1 31	25 21	7 31	23 26	23 26	9 27	16 47	6 44
W 6	23 21	12 17	4 49	18 13	2 21	13 55	3 13	7 30	0 32	11 58	1 10	8 42	2 22	20 48	0 35	0 24	1 31	25 21	7 31	23 26	23 26	9 24	16 46	6 44
T 7	23 23	16 38	4 10	18 31	2 14	13 55	3 19	7 40	0 34	11 54	1 10	8 43	2 23	20 48	0 35	0 24	1 31	25 21	7 31	23 26	23 26	9 22	16 46	6 44
F 8	23 26	20 5	3 19	18 49	2 7	13 56	3 25	7 49	0 35	11 50	1 10	8 45	2 23	20 49	0 35	0 24	1 31	25 22	7 31	23 26	23 26	9 19	16 46	6 44
S 9	23 28	22 25	2 18	19 8	1 59	13 57	3 31	7 59	0 37	11 47	1 10	8 47	2 23	20 49	0 35	0 24	1 31	25 22	7 32	23 26	23 26	9 17	16 46	6 45
S 10	23 29	23 33	1 10	19 28	1 51	14 0	3 36	8 9	0 38	11 43	1 9	8 48	2 23	20 50	0 35	0 24	1 31	25 23	7 32	23 26	23 26	9 14	16 46	6 45
M11	23 30	23 27	0 1	19 47	1 43	14 3	3 41	8 19	0 40	11 39	1 9	8 50	2 23	20 50	0 35	0 25	1 31	25 23	7 32	23 26	23 25	9 11	16 46	6 45
T 12	23 31	22 9	1n 8	20 7	1 35	14 7	3 45	8 29	0 41	11 36	1 9	8 51	2 24	20 50	0 35	0 25	1 31	25 24	7 32	23 26	23 25	9 9	16 45	6 45
W13	23 31	19 50	2 12	20 27	1 27	14 11	3 49	8 39	0 43	11 32	1 9	8 53	2 24	20 51	0 35	0 25	1 31	25 24	7 32	23 26	23 25	9 6	16 45	6 45
T 14	23 30	16 40	3 9	20 46	1 19	14 16	3 53	8 49	0 44	11 28	1 9	8 54	2 24	20 51	0 35	0 25	1 31	25 25	7 33	23 26	23 25	9 3	16 45	6 45
F 15	23 29	12 52	3 58	21 5	1 10	14 22	3 56	8 59	0 45	11 24	1 9	8 55	2 24	20 52	0 35	0 25	1 31	25 25	7 33	23 26	23 25	9 1	16 45	6 45
S 16	23 28	8 35	4 36	21 23	1 2	14 28	3 59	9 9	0 47	11 20	1 9	8 57	2 24	20 52	0 36	0 25	1 32	25 26	7 33	23 26	23 25	8 58	16 45	6 45
S 17	23 26	4 1	5 2	21 41	0 54	14 35	4 2	9 20	0 48	11 16	1 8	8 58	2 25	20 53	0 36	0 25	1 32	25 26	7 33	23 26	23 25	8 56	16 45	6 45
M18	23 23	0n43	5 15	21 58	0 45	14 42	4 4	9 30	0 49	11 12	1 8	8 59	2 25	20 53	0 36	0 25	1 32	25 27	7 33	23 26	23 25	8 53	16 45	6 45
T 19	23 21	5 28	5 15	22 15	0 37	14 50	4 6	9 41	0 50	11 8	1 8	9 1	2 25	20 54	0 36	0 26	1 32	25 27	7 34	23 26	23 25	8 50	16 45	6 45
W20	23 17	10 4	5 1	22 30	0 29	14 58	4 8	9 51	0 51	11 4	1 8	9 2	2 25	20 54	0 36	0 26	1 32	25 28	7 34	23 26	23 24	8 48	16 45	6 45
T 21	23 14	14 23	4 32	22 45	0 21	15 7	4 9	10 2	0 52	11 0	1 8	9 3	2 26	20 55	0 36	0 26	1 32	25 28	7 34	23 26	23 24	8 45	16 45	6 45
F 22	23 9	18 10	3 50	22 59	0 13	15 16	4 11	10 13	0 53	10 56	1 8	9 4	2 26	20 56	0 36	0 26	1 32	25 29	7 34	23 26	23 24	8 42	16 45	6 45
S 23	23 5	21 10	2 54	23 12	0 6	15 25	4 12	10 23	0 54	10 51	1 8	9 5	2 26	20 56	0 36	0 26	1 32	25 29	7 34	23 26	23 24	8 40	16 45	6 45
S 24	23 0	23 5	1 47	23 24	0s 2	15 34	4 12	10 34	0 56	10 47	1 8	9 6	2 26	20 57	0 36	0 26	1 32	25 30	7 35	23 26	23 24	8 37	16 45	6 45
M25	22 54	23 38	0 31	23 35	0 10	15 44	4 13	10 45	0 57	10 43	1 7	9 7	2 26	20 57	0 36	0 26	1 32	25 30	7 35	23 26	23 24	8 34	16 45	6 45
T 26	22 48	22 38	0s48	23 45	0 17	15 54	4 13	10 56	0 57	10 38	1 7	9 8	2 27	20 58	0 36	0 26	1 32	25 31	7 35	23 26	23 24	8 32	16 45	6 45
W27	22 41	20 5	2 6	23 54	0 24	16 4	4 13	11 7	0 58	10 34	1 7	9 9	2 27	20 58	0 36	0 26	1 32	25 31	7 35	23 26	23 23	8 29	16 45	6 45
T 28	22 34	16 9	3 16	24 2	0 31	16 14	4 13	11 17	0 59	10 30	1 7	9 10	2 27	20 59	0 36	0 26	1 32	25 32	7 35	23 26	23 23	8 27	16 45	6 45
F 29	22 27	11 11	4 13	24 8	0 38	16 24	4 13	11 28	1 0	10 25	1 7	9 11	2 27	20 59	0 36	0 25	1 32	25 32	7 35	23 26	23 23	8 24	16 45	6 45
S 30	22 19	5 36	4 53	24 13	0 44	16 35	4 12	11 39	1 1	10 21	1 7	9 12	2 28	21 0	0 36	0 25	1 32	25 33	7 35	23 26	23 23	8 21	16 45	6 44
S 31	22s11	0s12	5s12	24s17	0s51	16s45	4n11	11n50	1n 2	10s16	1s 7	9s13	2n28	21n 0	0n36	0s25	1n32	25n33	7n36	23s26	23s23	8s19	16n45	6s44

Julian Day Number = 2251735.5, Delta T = 06m24s
Ecliptic obliquity = 23°30'36, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 17°06'28, Lahiri = 16°13'29 Julian Calendar 1 Dec. 1452 == Greg. Calendar 10 Dec. 1452