Astrodienst Ephemeris Tables

for the year 1544

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 1544
geocentric

JANUARY 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 17 8	19♑46'20	8♈ 2	26♐32	8°R 5	12♏29	24♏52	29♏ 7	4°R21	20♈ 7	17♒ 3	3♒17	4♒ 5	9♊57	19°R28	T 1
W 2	7 21 5	20°47'26	20°28	27°43	7♑36	13° 5	25° 3	29°13	4♍19	20° 7	17° 5	3°R17	4° 2	10° 3	19♉27	W 2
T 3	7 25 1	21°48'32	2♉38	28°57	7° 8	13°40	25°12	29°18	4°17	20° 8	17° 6	3°17	3°59	10°10	19°26	T 3
F 4	7 28 58	22°49'37	14°37	0♑12	6°43	14°16	25°22	29°23	4°16	20° 8	17° 8	3°16	3°56	10°17	19°25	F 4
S 5	7 32 54	23°50'42	26°29	1°28	6°20	14°52	25°32	29°28	4°14	20° 8	17° 9	3°15	3°53	10°23	19°24	S 5
S 6	7 36 51	24°51'45	8♊20	2°46	5°59	15°28	25°42	29°33	4°12	20° 9	17°11	3°14	3°50	10°30	19°23	S 6
M 7	7 40 47	25°52'47	20°11	4° 6	5°40	16° 4	25°51	29°38	4°10	20° 9	17°13	3°13	3°46	10°37	19°22	M 7
T 8	7 44 44	26°53'49	2♋ 7	5°26	5°24	16°39	26° 1	29°43	4° 8	20°10	17°14	3°12	3°43	10°44	19°22	T 8
W 9	7 48 40	27°54'49	14° 9	6°48	5°10	17°15	26°10	29°48	4° 6	20°11	17°16	3°11	3°40	10°50	19°21	W 9
T 10	7 52 37	28°55'49	26°21	8°10	4°59	17°51	26°19	29°52	4° 5	20°11	17°18	3°11	3°37	10°57	19°20	T 10
F 11	7 56 34	29°56'47	8♌43	9°34	4°50	18°26	26°28	29°57	4° 3	20°12	17°19	3°D11	3°34	11° 4	19°20	F 11
S 12	8 0 30	0♒57'45	21°16	10°59	4°44	19° 2	26°37	0♐ 2	4° 0	20°13	17°21	3°11	3°31	11°10	19°19	S 12
S 13	8 4 27	1°58'42	4♍ 2	12°24	4°40	19°37	26°46	0° 6	3°58	20°13	17°23	3°11	3°27	11°17	19°19	S 13
M14	8 8 23	2°59'38	17° 1	13°51	4°D39	20°13	26°55	0°11	3°56	20°14	17°24	3°R11	3°24	11°24	19°19	M14
T 15	8 12 20	4° 0'33	0♎13	15°18	4°40	20°48	27° 4	0°15	3°54	20°15	17°26	3°11	3°21	11°30	19°18	T 15
W16	8 16 16	5° 1'28	13°41	16°46	4°44	21°23	27°12	0°19	3°52	20°16	17°28	3°11	3°18	11°37	19°18	W16
T 17	8 20 13	6° 2'21	27°23	18°15	4°50	21°59	27°21	0°24	3°50	20°17	17°30	3°11	3°15	11°44	19°18	T 17
F 18	8 24 9	7° 3'14	11♏20	19°45	4°58	22°34	27°29	0°28	3°48	20°18	17°31	3°D11	3°11	11°51	19°D18	F 18
S 19	8 28 6	8° 4'06	25°31	21°15	5° 9	23° 9	27°37	0°32	3°45	20°18	17°33	3°11	3° 8	11°57	19°18	S 19
S 20	8 32 3	9° 4'57	9♐54	22°47	5°21	23°44	27°45	0°36	3°43	20°19	17°35	3°12	3° 5	12° 4	19°18	S 20
M21	8 35 59	10° 5'48	24°26	24°19	5°36	24°19	27°53	0°40	3°41	20°20	17°37	3°12	3° 2	12°11	19°18	M21
T 22	8 39 56	11° 6'37	9♑ 3	25°52	5°53	24°54	28° 1	0°43	3°38	20°21	17°38	3°13	2°59	12°17	19°19	T 22
W23	8 43 52	12° 7'26	23°38	27°25	6°12	25°29	28° 8	0°47	3°36	20°23	17°40	3°13	2°56	12°24	19°19	W23
T 24	8 47 49	13° 8'13	8♒ 6	29° 0	6°33	26° 4	28°16	0°51	3°34	20°24	17°42	3°R13	2°52	12°31	19°19	T 24
F 25	8 51 45	14° 8'58	22°21	0♒35	6°55	26°39	28°23	0°54	3°31	20°25	17°44	3°13	2°49	12°37	19°20	F 25
S 26	8 55 42	15° 9'43	6♓18	2°11	7°20	27°14	28°30	0°58	3°29	20°26	17°45	3°12	2°46	12°44	19°20	S 26
S 27	8 59 38	16°10'25	19°53	3°48	7°46	27°48	28°37	1° 1	3°26	20°27	17°47	3°10	2°43	12°51	19°21	S 27
M28	9 3 35	17°11'06	3♈ 6	5°26	8°14	28°23	28°44	1° 5	3°24	20°28	17°49	3° 8	2°40	12°57	19°22	M28
T 29	9 7 32	18°11'46	15°56	7° 4	8°43	28°57	28°51	1° 8	3°21	20°30	17°51	3° 6	2°37	13° 4	19°22	T 29
W30	9 11 28	19°12'24	28°26	8°44	9°14	29°32	28°58	1°11	3°19	20°31	17°52	3° 4	2°33	13°11	19°23	W30
T 31	9 15 25	20♒13'00	10♉40	10♒24	9♑47	0♐ 6	29♏ 4	1♐14	3♍16	20♈32	17♒54	3♒ 3	2♒30	13♊18	19♉24	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	22s 2	7n35	4n47	22s26	1n 1	17s22	5n54	14s37	1n 4	18s 8	0n55	18s 7	1n56	10n41	0n47	6n15	1s45	24s47	9s29	19s28	19s17	26n 7	14n27	3s19
W 2	21 53	12 46	5 9	22 37	0 52	17 16	6 2	14 48	1 3	18 11	0 55	18 8	1 56	10 41	0 47	6 16	1 45	24 46	9 29	19 28	19 18	26 8	14 27	3 19
T 3	21 44	17 22	5 17	22 47	0 43	17 10	6 9	14 59	1 3	18 13	0 56	18 9	1 56	10 42	0 48	6 16	1 45	24 45	9 29	19 28	19 18	26 8	14 27	3 19
F 4	21 34	21 12	5 11	22 56	0 34	17 5	6 15	15 10	1 3	18 15	0 56	18 10	1 56	10 43	0 48	6 16	1 45	24 45	9 29	19 28	19 19	26 9	14 27	3 18
S 5	21 23	24 8	4 51	23 4	0 25	17 1	6 21	15 21	1 2	18 18	0 56	18 11	1 57	10 43	0 48	6 16	1 45	24 44	9 29	19 29	19 20	26 9	14 27	3 18
S 6	21 13	26 1	4 19	23 11	0 17	16 57	6 26	15 32	1 2	18 20	0 56	18 12	1 57	10 44	0 48	6 17	1 45	24 44	9 29	19 29	19 21	26 10	14 26	3 18
M 7	21 1	26 44	3 37	23 18	0 8	16 53	6 30	15 42	1 1	18 22	0 56	18 13	1 57	10 45	0 48	6 17	1 45	24 43	9 29	19 29	19 21	26 10	14 26	3 18
T 8	20 50	26 13	2 44	23 23	0 0	16 51	6 33	15 53	1 1	18 24	0 56	18 14	1 57	10 45	0 48	6 17	1 45	24 43	9 29	19 29	19 22	26 11	14 26	3 18
W 9	20 38	24 28	1 44	23 27	0s 8	16 48	6 36	16 3	1 1	18 26	0 56	18 15	1 57	10 46	0 48	6 17	1 45	24 42	9 29	19 30	19 23	26 11	14 26	3 18
T 10	20 26	21 33	0 38	23 30	0 16	16 47	6 38	16 14	1 0	18 28	0 56	18 16	1 57	10 47	0 48	6 18	1 45	24 42	9 29	19 30	19 24	26 12	14 26	3 18
F 11	20 13	17 38	0s31	23 32	0 23	16 45	6 39	16 24	1 0	18 30	0 56	18 17	1 57	10 48	0 48	6 18	1 45	24 41	9 29	19 30	19 24	26 12	14 26	3 18
S 12	20 0	12 53	1 39	23 33	0 31	16 45	6 40	16 34	0 59	18 32	0 56	18 18	1 57	10 48	0 48	6 18	1 45	24 40	9 29	19 30	19 25	26 13	14 26	3 17
S 13	19 46	7 31	2 43	23 33	0 38	16 45	6 41	16 44	0 59	18 34	0 56	18 19	1 58	10 49	0 48	6 19	1 45	24 40	9 29	19 30	19 26	26 13	14 26	3 17
M14	19 32	1 46	3 40	23 31	0 45	16 45	6 40	16 54	0 59	18 36	0 56	18 19	1 58	10 50	0 48	6 19	1 44	24 39	9 29	19 30	19 27	26 13	14 26	3 17
T 15	19 18	4s10	4 27	23 28	0 52	16 46	6 40	17 4	0 58	18 38	0 56	18 20	1 58	10 51	0 48	6 19	1 44	24 39	9 29	19 30	19 27	26 14	14 26	3 17
W16	19 4	10 0	4 59	23 24	0 58	16 47	6 38	17 14	0 58	18 40	0 56	18 21	1 58	10 52	0 48	6 20	1 44	24 38	9 29	19 30	19 28	26 14	14 26	3 17
T 17	18 49	15 28	5 16	23 19	1 4	16 48	6 37	17 23	0 57	18 42	0 57	18 22	1 58	10 52	0 48	6 20	1 44	24 38	9 29	19 30	19 29	26 15	14 26	3 17
F 18	18 33	20 14	5 14	23 12	1 10	16 50	6 35	17 33	0 57	18 44	0 57	18 22	1 58	10 53	0 48	6 20	1 44	24 37	9 29	19 30	19 30	26 15	14 26	3 17
S 19	18 18	23 56	4 54	23 4	1 16	16 52	6 32	17 42	0 56	18 45	0 57	18 23	1 58	10 54	0 48	6 21	1 44	24 37	9 29	19 30	19 30	26 15	14 27	3 17
S 20	18 2	26 11	4 15	22 55	1 22	16 54	6 29	17 51	0 56	18 47	0 57	18 24	1 58	10 55	0 48	6 21	1 44	24 36	9 29	19 30	19 31	26 16	14 27	3 16
M21	17 46	26 42	3 19	22 44	1 27	16 57	6 26	18 1	0 55	18 49	0 57	18 24	1 59	10 56	0 48	6 22	1 44	24 36	9 29	19 29	19 32	26 16	14 27	3 16
T 22	17 29	25 21	2 10	22 32	1 32	17 0	6 23	18 10	0 55	18 51	0 57	18 25	1 59	10 57	0 48	6 22	1 44	24 35	9 29	19 29	19 33	26 16	14 27	3 16
W23	17 12	22 18	0 53	22 18	1 36	17 3	6 19	18 18	0 54	18 52	0 57	18 26	1 59	10 58	0 48	6 22	1 44	24 34	9 29	19 29	19 33	26 17	14 27	3 16
T 24	16 55	17 51	0n27	22 3	1 41	17 6	6 15	18 27	0 54	18 54	0 57	18 26	1 59	10 58	0 48	6 23	1 44	24 34	9 29	19 29	19 34	26 17	14 27	3 16
F 25	16 38	12 27	1 44	21 47	1 45	17 9	6 11	18 36	0 53	18 55	0 57	18 27	1 59	10 59	0 48	6 23	1 44	24 33	9 29	19 29	19 35	26 17	14 28	3 16
S 26	16 20	6 33	2 53	21 29	1 48	17 12	6 6	18 44	0 52	18 57	0 57	18 28	1 59	11 0	0 48	6 24	1 44	24 33	9 29	19 30	19 35	26 18	14 28	3 16
S 27	16 2	0 29	3 51	21 10	1 52	17 15	6 1	18 53	0 52	18 58	0 57	18 28	1 59	11 1	0 48	6 24	1 44	24 32	9 29	19 30	19 36	26 18	14 28	3 16
M28	15 43	5n25	4 34	20 49	1 55	17 19	5 56	19 1	0 51	19 0	0 58	18 29	2 0	11 2	0 48	6 25	1 44	24 32	9 29	19 30	19 37	26 18	14 29	3 15
T 29	15 25	10 55	5 2	20 27	1 58	17 22	5 51	19 9	0 51	19 1	0 58	18 29	2 0	11 3	0 48	6 25	1 44	24 31	9 29	19 31	19 38	26 19	14 29	3 15
W30	15 6	15 51	5 15	20 3	2 0	17 25	5 46	19 17	0 50	19 2	0 58	18 30	2 0	11 4	0 48	6 26	1 44	24 31	9 29	19 31	19 38	26 19	14 29	3 15
T 31	14s47	20n 1	5n13	19s38	2s 2	17s29	5n41	19s25	0n49	19s 4	0n58	18s30	2n 0	11n 5	0n48	6n26	1s44	24s30	9s29	19s31	19s39	26n19	14n30	3s15

Julian Day Number = 2285003.5, Delta T = 193.01 sec
Ecliptic obliquity = 23°30'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°22'38, Lahiri = 17°29'39 Julian Calendar 1 Jan. 1544 == Greg. Calendar 11 Jan. 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

FEBRUARY 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 19 21	21♒13'34	22♉41	12♒ 5	10♋21	0♐41	29♏10	1♐17	3°R14	20♈33	17♒56	3°D 3	2♒27	13♊24	19♉25	F 1
S 2	9 23 18	22°14'07	4♊34	13°47	10°56	1°15	29°17	1°20	3♏11	20°35	17°58	3♒ 4	2°24	13°31	19°26	S 2
S 3	9 27 14	23°14'37	16°24	15°30	11°32	1°49	29°23	1°22	3° 9	20°36	17°59	3° 5	2°21	13°38	19°27	S 3
M 4	9 31 11	24°15'06	28°16	17°14	12°10	2°23	29°28	1°25	3° 6	20°38	18° 1	3° 7	2°17	13°44	19°28	M 4
T 5	9 35 7	25°15'33	10♋14	18°59	12°49	2°57	29°34	1°28	3° 4	20°39	18° 3	3° 8	2°14	13°51	19°29	T 5
W 6	9 39 4	26°15'59	22°23	20°44	13°29	3°31	29°40	1°30	3° 1	20°40	18° 5	3° 9	2°11	13°58	19°31	W 6
T 7	9 43 1	27°16'22	4♌44	22°31	14°11	4° 5	29°45	1°32	2°58	20°42	18° 6	3°R10	2° 8	14° 4	19°32	T 7
F 8	9 46 57	28°16'44	17°21	24°19	14°53	4°39	29°50	1°35	2°56	20°43	18° 8	3° 9	2° 5	14°11	19°33	F 8
S 9	9 50 54	29°17'03	0♍14	26° 7	15°37	5°12	29°55	1°37	2°53	20°45	18°10	3° 7	2° 2	14°18	19°35	S 9
S 10	9 54 50	0♓17'21	13°23	27°57	16°21	5°46	0♐ 0	1°39	2°51	20°47	18°11	3° 4	1°58	14°24	19°37	S 10
M11	9 58 47	1°17'38	26°47	29°47	17° 6	6°19	0° 5	1°41	2°48	20°48	18°13	2°59	1°55	14°31	19°38	M11
T 12	10 2 43	2°17'52	10♎25	1♓39	17°53	6°53	0° 9	1°43	2°45	20°50	18°15	2°55	1°52	14°38	19°40	T 12
W13	10 6 40	3°18'06	24°14	3°31	18°40	7°26	0°14	1°45	2°43	20°51	18°17	2°50	1°49	14°44	19°42	W13
T 14	10 10 36	4°18'17	8♏11	5°24	19°28	7°59	0°18	1°46	2°40	20°53	18°18	2°47	1°46	14°51	19°43	T 14
F 15	10 14 33	5°18'27	22°15	7°18	20°17	8°32	0°22	1°48	2°37	20°55	18°20	2°44	1°42	14°58	19°45	F 15
S 16	10 18 30	6°18'36	6♐23	9°13	21° 7	9° 5	0°26	1°49	2°35	20°57	18°22	2°D44	1°39	15° 5	19°47	S 16
S 17	10 22 26	7°18'43	20°33	11° 9	21°57	9°38	0°30	1°51	2°32	20°58	18°23	2°44	1°36	15°11	19°49	S 17
M18	10 26 23	8°18'49	4♑44	13° 5	22°48	10°11	0°33	1°52	2°30	21° 0	18°25	2°46	1°33	15°18	19°51	M18
T 19	10 30 19	9°18'53	18°53	15° 1	23°40	10°44	0°36	1°53	2°27	21° 2	18°27	2°47	1°30	15°25	19°53	T 19
W20	10 34 16	10°18'55	3♒ 0	16°58	24°33	11°17	0°40	1°54	2°24	21° 4	18°28	2°R48	1°27	15°31	19°56	W20
T 21	10 38 12	11°18'56	17° 0	18°55	25°26	11°49	0°43	1°55	2°22	21° 5	18°30	2°47	1°23	15°38	19°58	T 21
F 22	10 42 9	12°18'54	0♓51	20°51	26°20	12°21	0°45	1°56	2°19	21° 7	18°32	2°44	1°20	15°45	20° 0	F 22
S 23	10 46 5	13°18'51	14°29	22°48	27°14	12°54	0°48	1°57	2°17	21° 9	18°33	2°39	1°17	15°51	20° 3	S 23
S 24	10 50 2	14°18'46	27°52	24°43	28° 9	13°26	0°51	1°58	2°14	21°11	18°35	2°33	1°14	15°58	20° 5	S 24
M25	10 53 59	15°18'38	10♈57	26°38	29° 4	13°58	0°53	1°58	2°12	21°13	18°36	2°25	1°11	16° 5	20° 7	M25
T 26	10 57 55	16°18'29	23°44	28°32	0♒ 0	14°30	0°55	1°59	2° 9	21°15	18°38	2°17	1° 8	16°11	20°10	T 26
W27	11 1 52	17°18'18	6♉14	0♈23	0°57	15° 1	0°57	1°59	2° 6	21°17	18°40	2°10	1° 4	16°18	20°13	W27
T 28	11 5 48	18°18'04	18°28	2°13	1°54	15°33	0°58	2° 0	2° 4	21°19	18°41	2° 4	1° 1	16°25	20°15	T 28
F 29	11 9 45	19♓17'48	0♊30	4♈ 0	2♒51	16♐ 5	1♐ 0	2♐ 0	2♏ 1	21♈21	18♒43	2♒ 0	0♒58	16♊31	20♉18	F 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
F 1	14s28	23n17	4n58	19s11	2s 3	17s32	5n35	19s33	0n49	19s 5	0n58	18s30	2n 0	11n 6	0n48	6n27	1s44	24s30	9s29	19s32	19s40	26n20	14n30	3s15
S 2	14 8	25 31	4 30	18 43	2 5	17 35	5 29	19 41	0 48	19 6	0 58	18 31	2 0	11 7	0 48	6 28	1 43	24 29	9 29	19 31	19 41	26 20	14 30	3 15
S 3	13 48	26 37	3 50	18 13	2 5	17 38	5 23	19 48	0 47	19 7	0 58	18 31	2 0	11 8	0 48	6 28	1 43	24 29	9 29	19 31	19 41	26 20	14 31	3 15
M 4	13 28	26 30	3 1	17 42	2 6	17 40	5 17	19 56	0 47	19 9	0 58	18 32	2 1	11 9	0 48	6 29	1 43	24 28	9 29	19 31	19 42	26 20	14 31	3 15
T 5	13 8	25 9	2 3	17 10	2 6	17 43	5 11	20 3	0 46	19 10	0 58	18 32	2 1	11 9	0 48	6 29	1 43	24 28	9 29	19 30	19 43	26 21	14 32	3 14
W 6	12 48	22 37	0 59	16 36	2 5	17 45	5 5	20 10	0 45	19 11	0 58	18 32	2 1	11 10	0 48	6 30	1 43	24 27	9 30	19 30	19 43	26 21	14 32	3 14
T 7	12 27	18 59	0s 9	16 0	2 4	17 47	4 59	20 17	0 45	19 12	0 58	18 33	2 1	11 11	0 48	6 30	1 43	24 27	9 30	19 30	19 44	26 21	14 33	3 14
F 8	12 6	14 27	1 17	15 23	2 3	17 49	4 53	20 24	0 44	19 13	0 59	18 33	2 1	11 12	0 48	6 31	1 43	24 26	9 30	19 30	19 45	26 21	14 33	3 14
S 9	11 45	9 11	2 23	14 44	2 1	17 51	4 46	20 31	0 43	19 14	0 59	18 33	2 1	11 13	0 48	6 32	1 43	24 26	9 30	19 31	19 46	26 22	14 34	3 14
S 10	11 24	3 26	3 23	14 4	1 59	17 52	4 40	20 38	0 42	19 15	0 59	18 34	2 2	11 14	0 48	6 32	1 43	24 26	9 30	19 31	19 46	26 22	14 34	3 14
M11	11 3	2s35	4 13	13 23	1 56	17 53	4 33	20 44	0 42	19 16	0 59	18 34	2 2	11 15	0 48	6 33	1 43	24 25	9 30	19 32	19 47	26 22	14 35	3 14
T 12	10 41	8 33	4 49	12 40	1 52	17 54	4 27	20 51	0 41	19 16	0 59	18 34	2 2	11 16	0 48	6 34	1 43	24 25	9 30	19 33	19 48	26 22	14 35	3 14
W13	10 19	14 12	5 9	11 56	1 48	17 54	4 20	20 57	0 40	19 17	0 59	18 34	2 2	11 17	0 48	6 34	1 43	24 24	9 30	19 34	19 48	26 22	14 36	3 13
T 14	9 57	19 10	5 11	11 10	1 44	17 54	4 14	21 3	0 39	19 18	0 59	18 34	2 2	11 18	0 48	6 35	1 43	24 24	9 30	19 35	19 49	26 22	14 36	3 13
F 15	9 35	23 7	4 55	10 23	1 39	17 53	4 7	21 9	0 38	19 19	0 59	18 35	2 2	11 19	0 48	6 36	1 43	24 23	9 30	19 36	19 50	26 23	14 37	3 13
S 16	9 13	25 42	4 20	9 34	1 33	17 53	4 0	21 15	0 37	19 19	0 59	18 35	2 2	11 20	0 48	6 36	1 43	24 23	9 31	19 36	19 51	26 23	14 38	3 13
S 17	8 51	26 39	3 30	8 45	1 27	17 52	3 54	21 21	0 37	19 20	1 0	18 35	2 3	11 21	0 48	6 37	1 43	24 23	9 31	19 36	19 51	26 23	14 38	3 13
M18	8 28	25 52	2 27	7 54	1 20	17 50	3 47	21 27	0 36	19 21	1 0	18 35	2 3	11 22	0 48	6 38	1 43	24 22	9 31	19 36	19 52	26 23	14 39	3 13
T 19	8 6	23 24	1 15	7 2	1 13	17 48	3 40	21 32	0 35	19 21	1 0	18 35	2 3	11 23	0 48	6 38	1 43	24 22	9 31	19 35	19 53	26 23	14 40	3 13
W20	7 43	19 31	0n 1	6 9	1 5	17 46	3 34	21 38	0 34	19 22	1 0	18 35	2 3	11 24	0 48	6 39	1 43	24 21	9 31	19 35	19 53	26 23	14 40	3 13
T 21	7 20	14 34	1 17	5 15	0 56	17 43	3 27	21 43	0 33	19 22	1 0	18 35	2 3	11 25	0 48	6 40	1 43	24 21	9 31	19 35	19 54	26 24	14 41	3 13
F 22	6 57	8 55	2 26	4 21	0 47	17 39	3 20	21 48	0 32	19 23	1 0	18 35	2 3	11 26	0 48	6 41	1 43	24 21	9 31	19 36	19 55	26 24	14 42	3 12
S 23	6 34	2 57	3 27	3 26	0 37	17 36	3 14	21 53	0 31	19 23	1 0	18 35	2 4	11 26	0 48	6 41	1 43	24 20	9 32	19 37	19 55	26 24	14 42	3 12
S 24	6 11	3n 2	4 14	2 31	0 27	17 32	3 7	21 58	0 30	19 24	1 0	18 35	2 4	11 27	0 48	6 42	1 43	24 20	9 32	19 38	19 56	26 24	14 43	3 12
M25	5 48	8 45	4 47	1 35	0 16	17 27	3 1	22 3	0 29	19 24	1 0	18 35	2 4	11 28	0 48	6 43	1 43	24 19	9 32	19 40	19 57	26 24	14 44	3 12
T 26	5 25	13 57	5 5	0 39	0 5	17 22	2 54	22 8	0 28	19 24	1 0	18 35	2 4	11 29	0 48	6 43	1 43	24 19	9 32	19 42	19 58	26 24	14 45	3 12
W27	5 2	18 28	5 8	0n16	0n 7	17 16	2 47	22 13	0 27	19 25	1 1	18 35	2 4	11 30	0 48	6 44	1 42	24 19	9 32	19 44	19 58	26 24	14 46	3 12
T 28	4 38	22 6	4 56	1 11	0 19	17 10	2 41	22 17	0 26	19 25	1 1	18 35	2 4	11 31	0 48	6 45	1 42	24 18	9 32	19 45	19 59	26 24	14 46	3 12
F 29	4s15	24n44	4n31	2n 5	0n32	17s 4	2n34	22s22	0n25	19s25	1n 1	18s35	2n 5	11n32	0n48	6n46	1s42	24s18	9s33	19s46	20s 0	26n24	14n47	3s12

Julian Day Number = 2285034.5, Delta T = 192.82 sec
Ecliptic obliquity = 23°30'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°22'43, Lahiri = 17°29'43 Julian Calendar 1 Feb. 1544 == Greg. Calendar 11 Feb. 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

MARCH 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 13 41	20♓17'30	12♊23	5♈44	3♒49	16♐36	1♐ 1	2°R 0	1°R59	21♈23	18♒44	1°R58	0♒55	16♊38	20♉21	S 1
S 2	11 17 38	21°17'10	24°13	7°24	4°47	17° 7	1° 2	2♐ 0	1♑57	21°25	18°46	1°D58	0°52	16°45	20°24	S 2
M 3	11 21 34	22°16'47	6♋ 5	9° 0	5°46	17°38	1° 3	2° 0	1°54	21°27	18°47	1♒58	0°48	16°51	20°26	M 3
T 4	11 25 31	23°16'22	18° 4	10°32	6°45	18° 9	1° 4	2° 0	1°52	21°29	18°49	2° 0	0°45	16°58	20°29	T 4
W 5	11 29 28	24°15'55	0♌14	11°59	7°45	18°40	1° 5	1°59	1°49	21°31	18°50	2°R 0	0°42	17° 5	20°32	W 5
T 6	11 33 24	25°15'25	12°41	13°21	8°45	19°11	1° 5	1°59	1°47	21°33	18°52	2° 0	0°39	17°12	20°35	T 6
F 7	11 37 21	26°14'53	25°28	14°36	9°45	19°41	1° 5	1°58	1°45	21°35	18°53	1°57	0°36	17°18	20°39	F 7
S 8	11 41 17	27°14'19	8♍36	15°46	10°45	20°11	1°R 5	1°58	1°42	21°37	18°55	1°52	0°33	17°25	20°42	S 8
S 9	11 45 14	28°13'43	22° 6	16°49	11°46	20°41	1° 5	1°57	1°40	21°39	18°56	1°45	0°29	17°32	20°45	S 9
M10	11 49 10	29°13'05	5♎56	17°46	12°48	21°11	1° 5	1°56	1°38	21°41	18°58	1°36	0°26	17°38	20°48	M10
T 11	11 53 7	0♈12'24	20° 2	18°36	13°49	21°41	1° 4	1°55	1°36	21°43	18°59	1°26	0°23	17°45	20°51	T 11
W12	11 57 3	1°11'42	4♏19	19°18	14°51	22°11	1° 4	1°54	1°34	21°45	19° 0	1°17	0°20	17°52	20°55	W12
T 13	12 1 0	2°10'58	18°42	19°54	15°53	22°40	1° 3	1°53	1°31	21°48	19° 2	1° 9	0°17	17°58	20°58	T 13
F 14	12 4 56	3°10'12	3♐ 4	20°22	16°56	23°10	1° 2	1°52	1°29	21°50	19° 3	1° 3	0°14	18° 5	21° 1	F 14
S 15	12 8 53	4° 9'24	17°22	20°42	17°59	23°39	1° 0	1°51	1°27	21°52	19° 4	1° 0	0°10	18°12	21° 5	S 15
S 16	12 12 50	5° 8'35	1♑33	20°55	19° 2	24° 8	0°59	1°49	1°25	21°54	19° 6	0°D59	0° 7	18°18	21° 8	S 16
M17	12 16 46	6° 7'44	15°36	21°R 1	20° 5	24°36	0°57	1°48	1°23	21°56	19° 7	0°59	0° 4	18°25	21°12	M17
T 18	12 20 43	7° 6'51	29°29	21° 0	21° 9	25° 5	0°55	1°46	1°21	21°59	19° 8	0°R59	0° 1	18°32	21°16	T 18
W19	12 24 39	8° 5'56	13♒14	20°53	22°12	25°33	0°53	1°45	1°19	22° 1	19° 9	0°59	29♑58	18°38	21°19	W19
T 20	12 28 36	9° 5'00	26°48	20°38	23°16	26° 1	0°51	1°43	1°17	22° 3	19°11	0°56	29°54	18°45	21°23	T 20
F 21	12 32 32	10° 4'01	10♓13	20°18	24°21	26°29	0°49	1°41	1°15	22° 5	19°12	0°51	29°51	18°52	21°27	F 21
S 22	12 36 29	11° 3'01	23°28	19°52	25°25	26°57	0°46	1°39	1°14	22° 7	19°13	0°43	29°48	18°58	21°30	S 22
S 23	12 40 25	12° 1'58	6♈30	19°21	26°30	27°24	0°44	1°37	1°12	22°10	19°14	0°32	29°45	19° 5	21°34	S 23
M24	12 44 22	13° 0'54	19°20	18°46	27°35	27°51	0°41	1°35	1°10	22°12	19°15	0°20	29°42	19°12	21°38	M24
T 25	12 48 19	13°59'48	1♉56	18° 7	28°40	28°18	0°38	1°33	1° 8	22°14	19°17	0° 7	29°39	19°18	21°42	T 25
W26	12 52 15	14°58'39	14°18	17°25	29°45	28°45	0°34	1°31	1° 7	22°16	19°18	29♑55	29°35	19°25	21°46	W26
T 27	12 56 12	15°57'28	26°28	16°42	0♓51	29°12	0°31	1°28	1° 5	22°19	19°19	29°44	29°32	19°32	21°50	T 27
F 28	13 0 8	16°56'16	8♊27	15°57	1°56	29°38	0°27	1°26	1° 3	22°21	19°20	29°36	29°29	19°38	21°54	F 28
S 29	13 4 5	17°55'01	20°19	15°12	3° 2	0♑ 4	0°23	1°23	1° 2	22°23	19°21	29°30	29°26	19°45	21°58	S 29
S 30	13 8 1	18°53'44	2♋ 7	14°28	4° 8	0°29	0°19	1°21	1° 0	22°25	19°22	29°27	29°23	19°52	22° 2	S 30
M31	13 11 58	19♈52'24	13♋58	13♈45	5♓14	0♑55	0♐15	1♐18	0♑59	22♈28	19♒23	29♑26	29♑20	19♊58	22♉ 6	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	3 s51	26n14	3n55	2n57	0n44	16 s57	2n28	22 s26	0n24	19 s25	1n 1	18 s35	2n 5	11n33	0n48	6n47	1 s42	24 s18	9 s33	19 s46	20 s 0	26n24	14n48	3 s12
S 2	3 28	26 32	3 9	3 49	0 57	16 50	2 21	22 30	0 23	19 25	1 1	18 34	2 5	11 34	0 48	6 47	1 42	24 17	9 33	19 46	20 1	26 24	14 49	3 12
M 3	3 4	25 37	2 15	4 39	1 10	16 42	2 15	22 34	0 21	19 26	1 1	18 34	2 5	11 34	0 48	6 48	1 42	24 17	9 33	19 46	20 2	26 24	14 50	3 11
T 4	2 41	23 30	1 14	5 27	1 23	16 33	2 9	22 38	0 20	19 26	1 1	18 34	2 5	11 35	0 48	6 49	1 42	24 17	9 33	19 46	20 2	26 24	14 50	3 11
W 5	2 17	20 18	0 10	6 13	1 35	16 24	2 2	22 42	0 19	19 26	1 1	18 34	2 5	11 36	0 48	6 50	1 42	24 16	9 34	19 46	20 3	26 25	14 51	3 11
T 6	1 53	16 8	0 s57	6 56	1 48	16 15	1 56	22 46	0 18	19 26	1 1	18 34	2 5	11 37	0 48	6 50	1 42	24 16	9 34	19 46	20 4	26 25	14 52	3 11
F 7	1 30	11 8	2 3	7 37	2 0	16 5	1 50	22 49	0 17	19 26	1 1	18 33	2 6	11 38	0 48	6 51	1 42	24 16	9 34	19 47	20 4	26 25	14 53	3 11
S 8	1 6	5 32	3 3	8 14	2 11	15 55	1 44	22 53	0 15	19 26	1 2	18 33	2 6	11 39	0 48	6 52	1 42	24 16	9 34	19 48	20 5	26 25	14 54	3 11
S 9	0 42	0 s28	3 55	8 49	2 22	15 44	1 38	22 56	0 14	19 25	1 2	18 33	2 6	11 39	0 48	6 53	1 42	24 15	9 34	19 49	20 6	26 25	14 55	3 11
M10	0 19	6 34	4 35	9 20	2 33	15 33	1 32	23 0	0 13	19 25	1 2	18 33	2 6	11 40	0 48	6 54	1 42	24 15	9 35	19 51	20 6	26 25	14 56	3 11
T 11	0n 5	12 27	4 58	9 48	2 42	15 21	1 26	23 3	0 11	19 25	1 2	18 32	2 6	11 41	0 48	6 54	1 42	24 15	9 35	19 53	20 7	26 25	14 57	3 11
W12	0 29	17 45	5 4	10 13	2 51	15 9	1 20	23 6	0 10	19 25	1 2	18 32	2 6	11 42	0 48	6 55	1 42	24 15	9 35	19 55	20 8	26 25	14 58	3 11
T 13	0 52	22 4	4 50	10 33	2 59	14 56	1 14	23 9	0 9	19 25	1 2	18 32	2 7	11 42	0 48	6 56	1 42	24 14	9 35	19 57	20 9	26 24	14 59	3 11
F 14	1 16	25 3	4 18	10 50	3 5	14 43	1 8	23 12	0 7	19 24	1 2	18 31	2 7	11 43	0 48	6 57	1 42	24 14	9 35	19 58	20 9	26 24	15 0	3 11
S 15	1 39	26 24	3 31	11 3	3 11	14 30	1 2	23 15	0 6	19 24	1 2	18 31	2 7	11 44	0 48	6 58	1 42	24 14	9 36	19 59	20 10	26 24	15 1	3 11
S 16	2 3	26 0	2 30	11 12	3 15	14 16	0 57	23 18	0 4	19 23	1 2	18 30	2 7	11 45	0 48	6 59	1 42	24 14	9 36	19 59	20 11	26 24	15 1	3 10
M17	2 26	23 56	1 21	11 17	3 18	14 1	0 51	23 21	0 3	19 23	1 2	18 30	2 7	11 45	0 48	6 59	1 42	24 13	9 36	19 59	20 11	26 24	15 2	3 10
T 18	2 50	20 26	0 8	11 18	3 19	13 46	0 45	23 23	0 1	19 23	1 2	18 29	2 7	11 46	0 48	7 0	1 42	24 13	9 36	19 59	20 12	26 24	15 3	3 10
W19	3 13	15 51	1n 5	11 14	3 19	13 31	0 40	23 26	0 s 0	19 22	1 3	18 29	2 7	11 47	0 48	7 1	1 42	24 13	9 37	19 59	20 13	26 24	15 4	3 10
T 20	3 37	10 32	2 13	11 7	3 17	13 15	0 35	23 28	0 2	19 22	1 3	18 29	2 7	11 47	0 48	7 2	1 42	24 13	9 37	20 0	20 13	26 24	15 5	3 10
F 21	4 0	4 47	3 12	10 57	3 14	12 59	0 29	23 31	0 4	19 21	1 3	18 28	2 8	11 48	0 48	7 3	1 42	24 13	9 37	20 1	20 14	26 24	15 6	3 10
S 22	4 23	1n 5	4 1	10 42	3 9	12 42	0 24	23 33	0 5	19 20	1 3	18 28	2 8	11 49	0 48	7 4	1 42	24 13	9 37	20 3	20 15	26 24	15 7	3 10
S 23	4 46	6 48	4 36	10 24	3 3	12 25	0 19	23 35	0 7	19 20	1 3	18 27	2 8	11 49	0 48	7 4	1 42	24 12	9 38	20 5	20 15	26 24	15 8	3 10
M24	5 9	12 8	4 56	10 4	2 55	12 8	0 14	23 38	0 9	19 19	1 3	18 26	2 8	11 50	0 48	7 5	1 42	24 12	9 38	20 8	20 16	26 24	15 9	3 10
T 25	5 32	16 52	5 1	9 40	2 45	11 50	0 9	23 40	0 10	19 18	1 3	18 26	2 8	11 50	0 48	7 6	1 42	24 12	9 38	20 11	20 17	26 24	15 11	3 10
W26	5 55	20 48	4 52	9 14	2 34	11 31	0 4	23 42	0 12	19 18	1 3	18 25	2 8	11 51	0 48	7 7	1 42	24 12	9 38	20 13	20 17	26 23	15 12	3 10
T 27	6 18	23 47	4 30	8 46	2 22	11 13	0 s 1	23 44	0 14	19 17	1 3	18 25	2 8	11 52	0 48	7 8	1 42	24 12	9 39	20 16	20 18	26 23	15 13	3 10
F 28	6 40	25 39	3 55	8 16	2 8	10 54	0 5	23 46	0 16	19 16	1 3	18 24	2 8	11 52	0 48	7 9	1 42	24 12	9 39	20 17	20 19	26 23	15 14	3 10
S 29	7 3	26 20	3 11	7 45	1 54	10 34	0 10	23 48	0 18	19 15	1 3	18 24	2 9	11 53	0 48	7 9	1 42	24 12	9 39	20 18	20 19	26 23	15 15	3 10
S 30	7 25	25 48	2 19	7 14	1 39	10 15	0 15	23 50	0 20	19 14	1 3	18 23	2 9	11 53	0 48	7 10	1 42	24 12	9 39	20 19	20 20	26 23	15 16	3 10
M31	7n47	24n 7	1n21	6n43	1n23	9 s55	0 s19	23 s51	0 s22	19 s13	1n 3	18 s22	2n 9	11n54	0n48	7n11	1 s42	24 s12	9 s40	20 s19	20 s21	26n23	15n17	3 s10

Julian Day Number = 2285063.5, Delta T = 192.65 sec
Ecliptic obliquity = 23°30'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°22'47, Lahiri = 17°29'47 Julian Calendar 1 March 1544 == Greg. Calendar 11 March 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

APRIL 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 15 54	20♈51'03	25♋55	13°R 5	6♓20	1♉20	0°R11	1°R15	0°R57	22♈30	19♒24	29°R26	29♉16	20♊ 5	22♌10	T 1
W 2	13 19 51	21°49'39	8♌ 5	12♈27	7°27	1°44	0♐ 7	1♐12	0♍56	22°32	19°25	29♉26	29°13	20°12	22°14	W 2
T 3	13 23 48	22°48'13	20°32	11°52	8°33	2° 9	0° 2	1° 9	0°55	22°34	19°26	29°25	29°10	20°19	22°18	T 3
F 4	13 27 44	23°46'44	3♍22	11°21	9°40	2°33	29♏57	1° 6	0°53	22°37	19°27	29°21	29° 7	20°25	22°22	F 4
S 5	13 31 41	24°45'14	16°37	10°55	10°47	2°57	29°52	1° 3	0°52	22°39	19°28	29°15	29° 4	20°32	22°27	S 5
S 6	13 35 37	25°43'41	0♎19	10°33	11°54	3°21	29°47	1° 0	0°51	22°41	19°29	29° 7	29° 0	20°39	22°31	S 6
M 7	13 39 34	26°42'07	14°26	10°16	13° 1	3°44	29°42	0°57	0°50	22°43	19°29	28°56	28°57	20°45	22°35	M 7
T 8	13 43 30	27°40'30	28°54	10° 3	14° 8	4° 7	29°37	0°54	0°49	22°46	19°30	28°44	28°54	20°52	22°39	T 8
W 9	13 47 27	28°38'52	13♏36	9°56	15°16	4°29	29°31	0°50	0°48	22°48	19°31	28°33	28°51	20°59	22°44	W 9
T 10	13 51 23	29°37'12	28°25	9°D53	16°23	4°52	29°26	0°47	0°47	22°50	19°32	28°23	28°48	21° 5	22°48	T 10
F 11	13 55 20	0♉35'30	13♐12	9°56	17°31	5°14	29°20	0°43	0°46	22°53	19°33	28°16	28°45	21°12	22°52	F 11
S 12	13 59 17	1°33'47	27°49	10° 3	18°39	5°35	29°14	0°40	0°45	22°55	19°33	28°11	28°41	21°19	22°57	S 12
S 13	14 3 13	2°32'02	12♑13	10°15	19°47	5°56	29° 8	0°36	0°44	22°57	19°34	28° 9	28°38	21°25	23° 1	S 13
M14	14 7 10	3°30'16	26°20	10°32	20°55	6°17	29° 2	0°33	0°43	22°59	19°35	28° 8	28°35	21°32	23° 6	M14
T 15	14 11 6	4°28'28	10♒11	10°54	22° 3	6°38	28°56	0°29	0°43	23° 1	19°36	28° 8	28°32	21°39	23°10	T 15
W16	14 15 3	5°26'38	23°45	11°19	23°11	6°57	28°49	0°25	0°42	23° 4	19°36	28° 8	28°29	21°45	23°15	W16
T 17	14 18 59	6°24'48	7♓ 4	11°50	24°19	7°17	28°43	0°21	0°41	23° 6	19°37	28° 5	28°25	21°52	23°19	T 17
F 18	14 22 56	7°22'55	20°10	12°24	25°28	7°36	28°36	0°17	0°41	23° 8	19°37	27°59	28°22	21°59	23°24	F 18
S 19	14 26 52	8°21'01	3♈ 4	13° 2	26°36	7°55	28°30	0°13	0°40	23°10	19°38	27°51	28°19	22° 5	23°28	S 19
S 20	14 30 49	9°19'06	15°46	13°44	27°45	8°13	28°23	0° 9	0°40	23°13	19°38	27°40	28°16	22°12	23°33	S 20
M21	14 34 46	10°17'09	28°18	14°29	28°54	8°31	28°16	0° 5	0°39	23°15	19°39	27°27	28°13	22°19	23°37	M21
T 22	14 38 42	11°15'11	10♉39	15°18	0♈ 2	8°48	28° 9	0° 1	0°39	23°17	19°39	27°14	28°10	22°25	23°42	T 22
W23	14 42 39	12°13'11	22°50	16°10	1°11	9° 5	28° 2	29♏57	0°39	23°19	19°40	27° 1	28° 6	22°32	23°46	W23
T 24	14 46 35	13°11'09	4♊51	17° 6	2°20	9°21	27°55	29°53	0°38	23°21	19°40	26°50	28° 3	22°39	23°51	T 24
F 25	14 50 32	14° 9'06	16°46	18° 4	3°29	9°37	27°48	29°49	0°38	23°23	19°41	26°42	28° 0	22°45	23°56	F 25
S 26	14 54 28	15° 7'01	28°35	19° 6	4°38	9°53	27°40	29°45	0°38	23°26	19°41	26°36	27°57	22°52	24° 0	S 26
S 27	14 58 25	16° 4'54	10♋22	20°11	5°48	10° 7	27°33	29°41	0°38	23°28	19°42	26°32	27°54	22°59	24° 5	S 27
M28	15 2 21	17° 2'46	22°12	21°18	6°57	10°22	27°26	29°36	0°D38	23°30	19°42	26°D31	27°51	23° 5	24° 9	M28
T 29	15 6 18	18° 0'36	4♌ 8	22°28	8° 6	10°35	27°18	29°32	0°38	23°32	19°42	26°31	27°47	23°12	24°14	T 29
W30	15 10 15	18♉58'24	16♌16	23♈41	9♈16	10♉49	27♏11	29♏28	0♍38	23♈34	19♒43	26°R31	27♉44	23♊19	24♌19	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	8n10	21n19	0n19	6n12	1n 6	9s34	0s23	23s53	0s24	19s12	1n 3	18s22	2n 9	11n54	0n47	7n12	1s42	24s12	9s40	20s19	20s21	26n23	15n18	3s10
W 2	8 32	17 33	0s46	5 42	0 50	9 13	0 28	23 55	0 26	19 11	1 3	18 21	2 9	11 55	0 47	7 13	1 42	24 11	9 40	20 19	20 22	26 22	15 19	3 10
T 3	8 53	12 57	1 49	5 13	0 33	8 52	0 32	23 57	0 28	19 10	1 4	18 20	2 9	11 55	0 47	7 14	1 42	24 11	9 41	20 20	20 23	26 22	15 20	3 10
F 4	9 15	7 40	2 49	4 45	0 16	8 31	0 36	23 58	0 30	19 9	1 4	18 20	2 9	11 55	0 47	7 14	1 42	24 11	9 41	20 20	20 23	26 22	15 21	3 10
S 5	9 37	1 53	3 42	4 20	0s 0	8 9	0 40	24 0	0 32	19 8	1 4	18 19	2 9	11 56	0 47	7 15	1 42	24 11	9 41	20 22	20 24	26 22	15 22	3 10
S 6	9 58	4s 9	4 24	3 56	0 16	7 47	0 44	24 1	0 34	19 7	1 4	18 18	2 9	11 56	0 47	7 16	1 42	24 11	9 41	20 23	20 25	26 22	15 23	3 10
M 7	10 19	10 10	4 51	3 35	0 32	7 25	0 48	24 3	0 36	19 6	1 4	18 17	2 9	11 57	0 47	7 17	1 42	24 11	9 42	20 25	20 25	26 21	15 24	3 10
T 8	10 40	15 47	5 0	3 16	0 47	7 3	0 51	24 5	0 39	19 5	1 4	18 17	2 9	11 57	0 47	7 18	1 42	24 11	9 42	20 28	20 26	26 21	15 25	3 10
W 9	11 1	20 34	4 50	3 0	1 2	6 40	0 55	24 6	0 41	19 4	1 4	18 16	2 10	11 57	0 47	7 19	1 42	24 11	9 42	20 30	20 27	26 21	15 26	3 10
T 10	11 22	24 5	4 21	2 46	1 16	6 17	0 58	24 8	0 43	19 3	1 4	18 15	2 10	11 58	0 47	7 19	1 42	24 11	9 43	20 32	20 27	26 21	15 27	3 10
F 11	11 42	25 58	3 34	2 35	1 29	5 54	1 2	24 9	0 46	19 1	1 4	18 14	2 10	11 58	0 47	7 20	1 42	24 11	9 43	20 34	20 28	26 20	15 29	3 10
S 12	12 3	26 2	2 33	2 27	1 41	5 30	1 5	24 11	0 48	19 0	1 4	18 14	2 10	11 58	0 47	7 21	1 42	24 11	9 43	20 35	20 28	26 20	15 30	3 10
S 13	12 23	24 19	1 23	2 21	1 53	5 6	1 8	24 12	0 50	18 59	1 4	18 13	2 10	11 58	0 47	7 22	1 42	24 11	9 43	20 35	20 29	26 20	15 31	3 10
M14	12 43	21 6	0 10	2 18	2 3	4 42	1 12	24 14	0 53	18 57	1 4	18 12	2 10	11 59	0 47	7 23	1 42	24 11	9 44	20 35	20 30	26 20	15 32	3 10
T 15	13 3	16 43	1n 3	2 17	2 13	4 18	1 15	24 15	0 56	18 56	1 4	18 11	2 10	11 59	0 47	7 24	1 42	24 12	9 44	20 35	20 30	26 19	15 33	3 10
W16	13 22	11 35	2 11	2 19	2 22	3 54	1 17	24 17	0 58	18 55	1 4	18 10	2 10	11 59	0 47	7 24	1 42	24 12	9 44	20 35	20 31	26 19	15 34	3 10
T 17	13 42	6 0	3 10	2 23	2 30	3 29	1 20	24 19	1 1	18 53	1 4	18 9	2 10	11 59	0 47	7 25	1 42	24 12	9 45	20 36	20 32	26 19	15 35	3 10
F 18	14 1	0 15	3 58	2 29	2 38	3 5	1 23	24 20	1 4	18 52	1 4	18 9	2 10	11 59	0 47	7 26	1 42	24 12	9 45	20 37	20 32	26 19	15 36	3 10
S 19	14 19	5n24	4 33	2 38	2 45	2 40	1 26	24 22	1 6	18 50	1 4	18 8	2 10	12 0	0 47	7 27	1 42	24 12	9 45	20 39	20 33	26 18	15 37	3 10
S 20	14 38	10 44	4 54	2 49	2 50	2 15	1 28	24 24	1 9	18 49	1 4	18 7	2 10	12 0	0 47	7 28	1 42	24 12	9 46	20 41	20 34	26 18	15 38	3 10
M21	14 56	15 34	5 1	3 2	2 55	1 49	1 31	24 25	1 12	18 47	1 4	18 6	2 10	12 0	0 47	7 28	1 42	24 12	9 46	20 43	20 34	26 18	15 39	3 10
T 22	15 15	19 41	4 53	3 17	3 0	1 24	1 33	24 27	1 15	18 46	1 4	18 5	2 10	12 0	0 47	7 29	1 42	24 12	9 46	20 46	20 35	26 17	15 40	3 10
W23	15 33	22 54	4 31	3 33	3 3	0 59	1 35	24 29	1 18	18 44	1 4	18 4	2 10	12 0	0 47	7 30	1 42	24 12	9 46	20 48	20 36	26 17	15 41	3 10
T 24	15 50	25 3	3 58	3 52	3 6	0 33	1 37	24 31	1 21	18 43	1 4	18 3	2 10	12 0	0 47	7 31	1 42	24 13	9 47	20 51	20 36	26 17	15 43	3 10
F 25	16 8	26 4	3 14	4 13	3 8	0 8	1 39	24 33	1 24	18 41	1 4	18 2	2 10	12 0	0 47	7 31	1 42	24 13	9 47	20 52	20 37	26 16	15 44	3 10
S 26	16 25	25 52	2 23	4 35	3 9	0n18	1 41	24 35	1 27	18 40	1 3	18 2	2 10	12 0	0 47	7 32	1 42	24 13	9 47	20 53	20 37	26 16	15 45	3 10
S 27	16 42	24 30	1 25	4 58	3 10	0 44	1 43	24 37	1 30	18 38	1 3	18 1	2 10	12 0	0 47	7 33	1 42	24 13	9 48	20 54	20 38	26 16	15 46	3 10
M28	16 58	22 3	0 23	5 24	3 10	1 10	1 45	24 39	1 33	18 36	1 3	18 0	2 10	12 0	0 46	7 34	1 42	24 13	9 48	20 54	20 39	26 15	15 47	3 10
T 29	17 14	18 37	0s40	5 50	3 9	1 36	1 46	24 41	1 37	18 35	1 3	17 59	2 10	12 0	0 46	7 35	1 42	24 13	9 48	20 54	20 39	26 15	15 48	3 11
W30	17n30	14n22	1s43	6n19	3s 8	2n 2	1s48	24s43	1s40	18s33	1n 3	17s58	2n10	12n 0	0n46	7n35	1s42	24s14	9s49	20s54	20s40	26n14	15n49	3s11

Julian Day Number = 2285094.5, Delta T = 192.46 sec
Ecliptic obliquity = 23°30'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°22'51, Lahiri = 17°29'51 Julian Calendar 1 Apr. 1544 == Greg. Calendar 11 Apr. 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

MAY 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 14 11	19♉56'10	28♌41	24♈57	10♈25	11♊ 1	27°R 3	29°R23	0♍38	23♈36	19♒43	26°R31	27♊41	23♊25	24♉23	T 1
F 2	15 18 8	20°53'55	11♍29	26°15	11°34	11°13	26♏56	29♏19	0°38	23°38	19°43	26♊29	27°38	23°32	24°28	F 2
S 3	15 22 4	21°51'38	24°43	27°35	12°44	11°25	26°48	29°15	0°38	23°40	19°43	26°25	27°35	23°39	24°33	S 3
S 4	15 26 1	22°49'19	8♎26	28°58	13°54	11°36	26°41	29°10	0°39	23°42	19°43	26°19	27°31	23°45	24°37	S 4
M 5	15 29 57	23°46'59	22°38	0♉23	15° 3	11°46	26°33	29° 6	0°39	23°44	19°44	26°11	27°28	23°52	24°42	M 5
T 6	15 33 54	24°44'38	7♏15	1°51	16°13	11°55	26°25	29° 1	0°39	23°46	19°44	26° 2	27°25	23°59	24°47	T 6
W 7	15 37 50	25°42'15	22°11	3°21	17°23	12° 5	26°18	28°57	0°40	23°48	19°44	25°53	27°22	24° 5	24°51	W 7
T 8	15 41 47	26°39'51	7♐18	4°54	18°33	12°13	26°10	28°53	0°40	23°50	19°44	25°45	27°19	24°12	24°56	T 8
F 9	15 45 44	27°37'25	22°25	6°29	19°43	12°21	26° 3	28°48	0°41	23°52	19°44	25°39	27°16	24°19	25° 1	F 9
S 10	15 49 40	28°34'59	7♑22	8° 6	20°53	12°28	25°55	28°44	0°41	23°54	19°44	25°35	27°12	24°25	25° 5	S 10
S 11	15 53 37	29°32'32	22° 4	9°46	22° 3	12°34	25°47	28°39	0°42	23°56	19°R44	25°D34	27° 9	24°32	25°10	S 11
M12	15 57 33	0♊30'03	6♒24	11°28	23°13	12°40	25°40	28°35	0°43	23°58	19°44	25°34	27° 6	24°39	25°15	M12
T 13	16 1 30	1°27'34	20°22	13°12	24°23	12°45	25°32	28°30	0°44	24° 0	19°44	25°35	27° 3	24°45	25°19	T 13
W14	16 5 26	2°25'04	3♓57	14°59	25°34	12°49	25°25	28°26	0°44	24° 2	19°44	25°R36	27° 0	24°52	25°24	W14
T 15	16 9 23	3°22'33	17°12	16°48	26°44	12°53	25°17	28°21	0°45	24° 4	19°44	25°35	26°57	24°59	25°29	T 15
F 16	16 13 19	4°20'02	0♈ 9	18°39	27°54	12°56	25°10	28°17	0°46	24° 5	19°44	25°32	26°53	25° 5	25°33	F 16
S 17	16 17 16	5°17'29	12°50	20°32	29° 5	12°58	25° 2	28°13	0°47	24° 7	19°44	25°27	26°50	25°12	25°38	S 17
S 18	16 21 13	6°14'56	25°18	22°28	0♉15	12°59	24°55	28° 8	0°48	24° 9	19°43	25°20	26°47	25°19	25°42	S 18
M19	16 25 9	7°12'22	7♉35	24°26	1°26	13°R 0	24°47	28° 4	0°49	24°11	19°43	25°11	26°44	25°25	25°47	M19
T 20	16 29 6	8° 9'48	19°43	26°26	2°36	13° 0	24°40	28° 0	0°50	24°13	19°43	25° 3	26°41	25°32	25°52	T 20
W21	16 33 2	9° 7'12	1♊43	28°28	3°47	12°59	24°33	27°55	0°51	24°14	19°43	24°54	26°37	25°39	25°56	W21
T 22	16 36 59	10° 4'36	13°37	0♊32	4°58	12°58	24°26	27°51	0°53	24°16	19°42	24°47	26°34	25°45	26° 1	T 22
F 23	16 40 55	11° 1'59	25°27	2°37	6° 9	12°55	24°19	27°47	0°54	24°18	19°42	24°41	26°31	25°52	26° 5	F 23
S 24	16 44 52	11°59'21	7♋14	4°44	7°19	12°52	24°12	27°42	0°55	24°19	19°42	24°38	26°28	25°59	26°10	S 24
S 25	16 48 48	12°56'43	19° 2	6°53	8°30	12°48	24° 5	27°38	0°57	24°21	19°42	24°D36	26°25	26° 5	26°15	S 25
M26	16 52 45	13°54'03	0♌53	9° 3	9°41	12°44	23°58	27°34	0°58	24°23	19°41	24°36	26°22	26°12	26°19	M26
T 27	16 56 42	14°51'22	12°51	11°13	10°52	12°38	23°51	27°30	1° 0	24°24	19°41	24°37	26°18	26°19	26°24	T 27
W28	17 0 38	15°48'41	25° 0	13°25	12° 3	12°32	23°44	27°26	1° 1	24°26	19°40	24°39	26°15	26°25	26°28	W28
T 29	17 4 35	16°45'58	7♍26	15°36	13°14	12°25	23°38	27°22	1° 3	24°27	19°40	24°40	26°12	26°32	26°33	T 29
F 30	17 8 31	17°43'15	20°11	17°48	14°25	12°18	23°31	27°18	1° 4	24°29	19°39	24°R40	26° 9	26°39	26°37	F 30
S 31	17 12 28	18♊40'30	3♎21	20♊ 0	15♉36	12♊ 9	23♏25	27♏14	1♍ 6	24♈30	19♒39	24♊39	26♊ 6	26♊45	26♉41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n46	9n25	2s43	6n48	3s 6	2n28	1s49	24s45	1s43	18s31	1n 3	17s57	2n10	12n 0	0n46	7n36	1s42	24s14	9s49	20s54	20s41	26n14	15n50	3s11
F 2	18 2	3 57	3 36	7 19	3 3	2 54	1 50	24 48	1 47	18 30	1 3	17 56	2 10	12 0	0 46	7 37	1 42	24 14	9 49	20 55	20 41	26 14	15 51	3 11
S 3	18 17	1s52	4 19	7 51	3 0	3 20	1 52	24 50	1 50	18 28	1 3	17 55	2 10	12 0	0 46	7 37	1 42	24 14	9 50	20 55	20 42	26 13	15 52	3 11
S 4	18 31	7 47	4 50	8 24	2 56	3 46	1 53	24 53	1 54	18 26	1 3	17 54	2 10	12 0	0 46	7 38	1 42	24 14	9 50	20 57	20 43	26 13	15 53	3 11
M 5	18 46	13 31	5 4	8 58	2 51	4 12	1 54	24 56	1 57	18 25	1 3	17 53	2 10	11 59	0 46	7 39	1 42	24 15	9 50	20 58	20 43	26 12	15 54	3 11
T 6	19 0	18 40	4 58	9 33	2 46	4 38	1 55	24 58	2 1	18 23	1 3	17 52	2 10	11 59	0 46	7 40	1 43	24 15	9 50	21 0	20 44	26 12	15 55	3 11
W 7	19 14	22 45	4 33	10 9	2 41	5 4	1 56	25 1	2 5	18 21	1 3	17 52	2 10	11 59	0 46	7 40	1 43	24 15	9 51	21 1	20 44	26 12	15 56	3 11
T 8	19 28	25 20	3 48	10 45	2 35	5 30	1 56	25 4	2 8	18 20	1 3	17 51	2 10	11 59	0 46	7 41	1 43	24 15	9 51	21 3	20 45	26 11	15 57	3 11
F 9	19 41	26 4	2 48	11 23	2 28	5 56	1 57	25 7	2 12	18 18	1 2	17 50	2 10	11 59	0 46	7 42	1 43	24 16	9 51	21 4	20 46	26 11	15 58	3 11
S 10	19 54	24 53	1 36	12 1	2 21	6 21	1 58	25 10	2 16	18 16	1 2	17 49	2 10	11 58	0 46	7 42	1 43	24 16	9 52	21 5	20 46	26 10	15 59	3 11
S 11	20 6	22 0	0 19	12 40	2 13	6 47	1 58	25 13	2 20	18 15	1 2	17 48	2 10	11 58	0 46	7 43	1 43	24 16	9 52	21 5	20 47	26 10	16 0	3 12
M12	20 18	17 47	0n58	13 19	2 5	7 13	1 58	25 17	2 24	18 13	1 2	17 47	2 10	11 58	0 46	7 44	1 43	24 17	9 52	21 5	20 47	26 9	16 1	3 12
T 13	20 30	12 42	2 9	13 59	1 57	7 38	1 59	25 20	2 28	18 11	1 2	17 46	2 10	11 57	0 46	7 44	1 43	24 17	9 53	21 5	20 48	26 9	16 2	3 12
W14	20 42	7 7	3 11	14 39	1 48	8 4	1 59	25 24	2 32	18 10	1 2	17 45	2 10	11 57	0 46	7 45	1 43	24 17	9 53	21 5	20 49	26 8	16 3	3 12
T 15	20 53	1 22	4 1	15 19	1 39	8 29	1 59	25 28	2 36	18 8	1 2	17 44	2 10	11 57	0 46	7 46	1 43	24 18	9 53	21 5	20 49	26 8	16 4	3 12
F 16	21 4	4n18	4 38	16 0	1 29	8 54	1 59	25 31	2 40	18 6	1 2	17 43	2 10	11 56	0 46	7 46	1 43	24 18	9 54	21 5	20 50	26 7	16 5	3 12
S 17	21 14	9 41	5 0	16 40	1 19	9 19	1 59	25 35	2 44	18 5	1 1	17 42	2 9	11 56	0 46	7 47	1 43	24 18	9 54	21 6	20 51	26 7	16 6	3 12
S 18	21 24	14 34	5 7	17 20	1 9	9 44	1 59	25 39	2 48	18 3	1 1	17 42	2 9	11 56	0 46	7 48	1 43	24 19	9 54	21 8	20 51	26 6	16 7	3 12
M19	21 34	18 48	5 0	17 59	0 58	10 9	1 58	25 44	2 53	18 1	1 1	17 41	2 9	11 55	0 46	7 48	1 43	24 19	9 55	21 9	20 52	26 6	16 8	3 13
T 20	21 43	22 11	4 39	18 38	0 47	10 34	1 58	25 48	2 57	18 0	1 1	17 40	2 9	11 55	0 46	7 49	1 43	24 19	9 55	21 11	20 52	26 5	16 9	3 13
W21	21 52	24 35	4 7	19 16	0 37	10 58	1 58	25 52	3 1	17 58	1 1	17 39	2 9	11 54	0 46	7 49	1 43	24 20	9 55	21 12	20 53	26 5	16 10	3 13
T 22	22 1	25 51	3 23	19 54	0 26	11 22	1 57	25 57	3 6	17 57	1 1	17 38	2 9	11 54	0 46	7 50	1 43	24 20	9 55	21 13	20 54	26 4	16 11	3 13
F 23	22 9	25 56	2 31	20 30	0 15	11 46	1 57	26 1	3 10	17 55	1 1	17 37	2 9	11 53	0 45	7 51	1 43	24 20	9 56	21 14	20 54	26 4	16 12	3 13
S 24	22 17	24 51	1 33	21 4	0 4	12 10	1 56	26 6	3 14	17 53	1 0	17 36	2 9	11 53	0 45	7 51	1 43	24 21	9 56	21 15	20 55	26 3	16 13	3 13
S 25	22 25	22 39	0 30	21 37	0n 7	12 33	1 55	26 11	3 19	17 52	1 0	17 36	2 9	11 52	0 45	7 52	1 43	24 21	9 56	21 15	20 55	26 3	16 14	3 13
M26	22 32	19 27	0s34	22 9	0 17	12 57	1 54	26 16	3 23	17 50	1 0	17 35	2 9	11 52	0 45	7 52	1 43	24 22	9 57	21 15	20 56	26 2	16 14	3 14
T 27	22 38	15 26	1 38	22 38	0 28	13 20	1 53	26 21	3 28	17 49	1 0	17 34	2 8	11 51	0 45	7 53	1 43	24 22	9 57	21 15	20 57	26 1	16 15	3 14
W28	22 44	10 44	2 38	23 5	0 38	13 42	1 52	26 26	3 32	17 47	1 0	17 33	2 8	11 51	0 45	7 53	1 43	24 22	9 57	21 15	20 57	26 1	16 16	3 14
T 29	22 50	5 31	3 32	23 30	0 47	14 5	1 51	26 31	3 37	17 46	1 0	17 32	2 8	11 50	0 45	7 54	1 43	24 23	9 58	21 15	20 58	26 0	16 17	3 14
F 30	22 56	0s 3	4 18	23 52	0 56	14 27	1 50	26 36	3 41	17 45	0 59	17 32	2 8	11 50	0 45	7 54	1 43	24 23	9 58	21 15	20 58	26 0	16 18	3 14
S 31	23n 1	5s47	4s51	24n12	1n 5	14n49	1s49	26s41	3s45	17s43	0n59	17s31	2n 8	11n49	0n45	7n55	1s44	24s24	9s58	21s15	20s59	25n59	16n19	3s14

Julian Day Number = 2285124.5, Delta T = 192.28 sec
Ecliptic obliquity = 23°29'59, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°22'55, Lahiri = 17°29'56 Julian Calendar 1 May 1544 == Greg. Calendar 11 May 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

JUNE 1544 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 16 24	19♊37'45	16♎58	22♊11	16♉47	12°R 0	23°R19	27°R10	1♍ 8	24♈32	19°R38	24°R37	26♂ 3	26♊52	26♉46	S 1
M 2	17 20 21	20°34'59	1♏ 4	24°22	17°58	11♉51	23♏13	27♏ 6	1° 9	24°33	19♒38	24♂33	25°59	26°59	26°50	M 2
T 3	17 24 17	21°32'12	15°37	26°32	19° 9	11°40	23° 7	27° 2	1°11	24°35	19°37	24°29	25°56	27° 5	26°55	T 3
W 4	17 28 14	22°29'25	0♐32	28°40	20°21	11°30	23° 1	26°58	1°13	24°36	19°37	24°24	25°53	27°12	26°59	W 4
T 5	17 32 11	23°26'38	15°41	0♋48	21°32	11°18	22°55	26°54	1°15	24°38	19°36	24°20	25°50	27°19	27° 3	T 5
F 6	17 36 7	24°23'49	0♑55	2°54	22°43	11° 6	22°50	26°51	1°17	24°39	19°36	24°17	25°47	27°25	27° 8	F 6
S 7	17 40 4	25°21'01	16° 5	4°58	23°54	10°53	22°44	26°47	1°19	24°40	19°35	24°16	25°43	27°32	27°12	S 7
S 8	17 44 0	26°18'12	1♒ 0	7° 0	25° 6	10°40	22°39	26°44	1°21	24°42	19°34	24°D16	25°40	27°39	27°16	S 8
M 9	17 47 57	27°15'23	15°35	9° 1	26°17	10°26	22°34	26°40	1°23	24°43	19°34	24°17	25°37	27°45	27°20	M 9
T 10	17 51 53	28°12'34	29°44	11° 0	27°29	10°11	22°29	26°37	1°25	24°44	19°33	24°18	25°34	27°52	27°25	T 10
W11	17 55 50	29° 9'45	13♓28	12°56	28°40	9°56	22°24	26°33	1°27	24°45	19°32	24°20	25°31	27°59	27°29	W11
T 12	17 59 47	0♋ 6'56	26°47	14°51	29°52	9°41	22°19	26°30	1°29	24°46	19°31	24°R20	25°28	28° 5	27°33	T 12
F 13	18 3 43	1° 4'07	9♈43	16°44	1♊ 4	9°25	22°14	26°27	1°32	24°48	19°31	24°20	25°24	28°12	27°37	F 13
S 14	18 7 40	2° 1'19	22°20	18°34	2°15	9° 9	22°10	26°23	1°34	24°49	19°30	24°19	25°21	28°19	27°41	S 14
S 15	18 11 36	2°58'30	4♉40	20°23	3°27	8°53	22° 6	26°20	1°36	24°50	19°29	24°17	25°18	28°25	27°45	S 15
M16	18 15 33	3°55'42	16°49	22° 9	4°39	8°36	22° 1	26°17	1°39	24°51	19°28	24°14	25°15	28°32	27°49	M16
T 17	18 19 29	4°52'54	28°48	23°54	5°50	8°19	21°57	26°14	1°41	24°52	19°27	24°11	25°12	28°39	27°53	T 17
W18	18 23 26	5°50'06	10♊41	25°36	7° 2	8° 1	21°54	26°11	1°44	24°53	19°27	24° 8	25° 9	28°45	27°57	W18
T 19	18 27 22	6°47'18	22°30	27°16	8°14	7°44	21°50	26° 8	1°46	24°54	19°26	24° 5	25° 5	28°52	28° 1	T 19
F 20	18 31 19	7°44'30	4♋18	28°54	9°26	7°26	21°47	26° 6	1°49	24°55	19°25	24° 4	25° 2	28°59	28° 5	F 20
S 21	18 35 16	8°41'43	16° 7	0♌30	10°38	7° 9	21°43	26° 3	1°51	24°56	19°24	24° 3	24°59	29° 5	28° 9	S 21
S 22	18 39 12	9°38'55	27°59	2° 4	11°50	6°51	21°40	26° 0	1°54	24°57	19°23	24°D 2	24°56	29°12	28°13	S 22
M23	18 43 9	10°36'08	9♌56	3°35	13° 2	6°33	21°37	25°58	1°56	24°58	19°22	24° 3	24°53	29°19	28°17	M23
T 24	18 47 5	11°33'20	22° 1	5° 5	14°14	6°16	21°34	25°55	1°59	24°58	19°21	24° 4	24°49	29°25	28°20	T 24
W25	18 51 2	12°30'33	4♍18	6°32	15°26	5°58	21°32	25°53	2° 2	24°59	19°20	24° 5	24°46	29°32	28°24	W25
T 26	18 54 58	13°27'45	16°48	7°57	16°38	5°41	21°29	25°51	2° 5	25° 0	19°19	24° 6	24°43	29°39	28°28	T 26
F 27	18 58 55	14°24'58	29°36	9°20	17°50	5°24	21°27	25°49	2° 7	25° 1	19°18	24° 7	24°40	29°45	28°31	F 27
S 28	19 2 51	15°22'10	12♎44	10°41	19° 3	5° 7	21°25	25°46	2°10	25° 1	19°17	24°R 7	24°37	29°52	28°35	S 28
S 29	19 6 48	16°19'23	26°16	11°59	20°15	4°50	21°23	25°44	2°13	25° 2	19°16	24° 7	24°34	29°59	28°38	S 29
M30	19 10 45	17♋16'36	10♏11	13♌15	21♊27	4♂34	21♏21	25♏42	2♍16	25♈ 3	19♒15	24♂ 6	24♂30	0♋ 5	28♉42	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	11s26	5s 9	24n29	1n13	15n10	1s48	26s46	3s50	17s42	0n59	17s30	2n 8	11n48	0n45	7n55	1s44	24s24	9s58	21s15	21s 0	25n58	16n20	3s15
M 2	23 10	16 43	5 10	24 43	1 21	15 31	1 46	26 51	3 54	17 40	0 59	17 29	2 8	11 48	0 45	7 56	1 44	24 25	9 59	21 16	21 0	25 58	16 20	3 15
T 3	23 14	21 12	4 51	24 55	1 27	15 52	1 45	26 57	3 59	17 39	0 59	17 29	2 7	11 47	0 45	7 56	1 44	24 25	9 59	21 17	21 1	25 57	16 21	3 15
W 4	23 17	24 26	4 13	25 3	1 33	16 13	1 44	27 2	4 3	17 38	0 58	17 28	2 7	11 46	0 45	7 57	1 44	24 25	9 59	21 18	21 1	25 57	16 22	3 15
T 5	23 20	25 58	3 16	25 9	1 39	16 33	1 42	27 7	4 7	17 37	0 58	17 27	2 7	11 45	0 45	7 57	1 44	24 26	10 0	21 18	21 2	25 56	16 23	3 15
F 6	23 23	25 34	2 5	25 12	1 43	16 53	1 40	27 13	4 12	17 35	0 58	17 26	2 7	11 45	0 45	7 58	1 44	24 26	10 0	21 19	21 3	25 55	16 24	3 15
S 7	23 25	23 16	0 45	25 12	1 47	17 12	1 39	27 18	4 16	17 34	0 58	17 26	2 7	11 44	0 45	7 58	1 44	24 27	10 0	21 19	21 3	25 55	16 24	3 16
S 8	23 27	19 23	0n37	25 9	1 51	17 31	1 37	27 23	4 20	17 33	0 58	17 25	2 7	11 43	0 45	7 59	1 44	24 27	10 0	21 19	21 4	25 54	16 25	3 16
M 9	23 28	14 23	1 54	25 4	1 53	17 50	1 35	27 28	4 24	17 32	0 57	17 24	2 7	11 42	0 45	7 59	1 44	24 28	10 1	21 19	21 4	25 53	16 26	3 16
T 10	23 29	8 44	3 3	24 57	1 55	18 8	1 33	27 34	4 28	17 31	0 57	17 24	2 6	11 42	0 45	7 59	1 44	24 28	10 1	21 19	21 5	25 53	16 27	3 16
W11	23 30	2 51	3 58	24 47	1 56	18 25	1 32	27 39	4 32	17 30	0 57	17 23	2 6	11 41	0 45	8 0	1 44	24 29	10 1	21 18	21 5	25 52	16 27	3 16
T 12	23 30	2n59	4 39	24 36	1 56	18 43	1 30	27 44	4 36	17 29	0 57	17 23	2 6	11 40	0 45	8 0	1 44	24 29	10 1	21 18	21 6	25 51	16 28	3 17
F 13	23 30	8 31	5 5	24 22	1 56	19 0	1 28	27 49	4 40	17 28	0 56	17 22	2 6	11 39	0 45	8 1	1 44	24 30	10 2	21 18	21 7	25 51	16 29	3 17
S 14	23 29	13 34	5 15	24 6	1 55	19 16	1 26	27 54	4 43	17 27	0 56	17 22	2 6	11 38	0 45	8 1	1 44	24 30	10 2	21 18	21 7	25 50	16 30	3 17
S 15	23 28	17 58	5 10	23 49	1 53	19 32	1 24	27 59	4 47	17 26	0 56	17 21	2 5	11 38	0 45	8 1	1 44	24 31	10 2	21 19	21 8	25 49	16 30	3 17
M16	23 26	21 33	4 51	23 29	1 51	19 47	1 21	28 3	4 51	17 25	0 56	17 20	2 5	11 37	0 45	8 2	1 44	24 31	10 2	21 19	21 8	25 49	16 31	3 18
T 17	23 25	24 10	4 20	23 9	1 47	20 2	1 19	28 8	4 54	17 24	0 56	17 20	2 5	11 36	0 45	8 2	1 44	24 32	10 3	21 20	21 9	25 48	16 32	3 18
W18	23 22	25 41	3 37	22 47	1 44	20 16	1 17	28 12	4 57	17 24	0 55	17 19	2 5	11 35	0 45	8 2	1 44	24 32	10 3	21 20	21 10	25 47	16 32	3 18
T 19	23 19	26 3	2 46	22 23	1 40	20 30	1 15	28 16	5 1	17 23	0 55	17 19	2 5	11 34	0 45	8 3	1 45	24 33	10 3	21 21	21 10	25 46	16 33	3 18
F 20	23 16	25 13	1 47	21 59	1 35	20 44	1 13	28 20	5 4	17 22	0 55	17 19	2 4	11 33	0 44	8 3	1 45	24 33	10 3	21 21	21 11	25 46	16 34	3 18
S 21	23 13	23 15	0 44	21 33	1 30	20 56	1 10	28 24	5 6	17 22	0 55	17 18	2 4	11 32	0 44	8 3	1 45	24 34	10 4	21 21	21 11	25 45	16 34	3 19
S 22	23 9	20 16	0s22	21 7	1 24	21 9	1 8	28 28	5 9	17 21	0 54	17 18	2 4	11 31	0 44	8 3	1 45	24 34	10 4	21 21	21 12	25 44	16 35	3 19
M23	23 4	16 24	1 27	20 39	1 17	21 20	1 5	28 32	5 12	17 21	0 54	17 17	2 4	11 30	0 44	8 4	1 45	24 35	10 4	21 21	21 12	25 43	16 35	3 19
T 24	23 0	11 51	2 29	20 11	1 10	21 31	1 3	28 35	5 14	17 20	0 54	17 17	2 4	11 29	0 44	8 4	1 45	24 35	10 4	21 21	21 13	25 43	16 36	3 19
W25	22 55	6 46	3 25	19 42	1 3	21 42	1 1	28 38	5 17	17 20	0 54	17 17	2 3	11 28	0 44	8 4	1 45	24 36	10 4	21 21	21 14	25 42	16 36	3 20
T 26	22 49	1 21	4 13	19 13	0 55	21 52	0 58	28 41	5 19	17 19	0 53	17 16	2 3	11 27	0 44	8 4	1 45	24 36	10 5	21 21	21 14	25 41	16 37	3 20
F 27	22 43	4s15	4 49	18 43	0 47	22 1	0 56	28 44	5 21	17 19	0 53	17 16	2 3	11 26	0 44	8 5	1 45	24 37	10 5	21 21	21 15	25 40	16 38	3 20
S 28	22 37	9 49	5 11	18 13	0 38	22 10	0 53	28 47	5 23	17 19	0 53	17 16	2 3	11 25	0 44	8 5	1 45	24 38	10 5	21 21	21 15	25 39	16 38	3 20
S 29	22 30	15 5	5 17	17 43	0 29	22 18	0 51	28 49	5 25	17 18	0 53	17 15	2 3	11 24	0 44	8 5	1 45	24 38	10 5	21 21	21 16	25 39	16 39	3 21
M30	22n23	19s44	5s 5	17n12	0n20	22n26	0s48	28s51	5s26	17s18	0n52	17s15	2n 2	11n23	0n44	8n 5	1s45	24s39	10s 6	21s21	21s16	25n38	16n39	3s21

Julian Day Number = 2285155.5, Delta T = 192.09 sec
Ecliptic obliquity = 23°29'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°22'59, Lahiri = 17°30'00 Julian Calendar 1 June 1544 == Greg. Calendar 11 June 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

JULY 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 14 41	18♋13'49	24♏31	14♌28	22♊39	4°R18	21°R20	25°R41	2♍19	25♈ 3	19°R14	24°R 6	24♑27	0♋12	28♉45	T 1
W 2	19 18 38	19°11'02	9♐12	15°39	23°52	4♑ 3	21♏18	25♏39	2°22	25° 4	19♒13	24♑ 5	24°24	0°19	28°49	W 2
T 3	19 22 34	20° 8'15	24°10	16°48	25° 4	3°48	21°17	25°37	2°25	25° 4	19°12	24° 5	24°21	0°25	28°52	T 3
F 4	19 26 31	21° 5'29	9♑16	17°54	26°17	3°34	21°16	25°36	2°28	25° 5	19°10	24° 5	24°18	0°32	28°56	F 4
S 5	19 30 27	22° 2'44	24°23	18°57	27°29	3°20	21°16	25°34	2°31	25° 5	19° 9	24°D 5	24°15	0°39	28°59	S 5
S 6	19 34 24	22°59'58	9♒21	19°57	28°42	3° 6	21°15	25°33	2°34	25° 6	19° 8	24° 5	24°11	0°45	29° 2	S 6
M 7	19 38 20	23°57'14	24° 1	20°55	29°54	2°54	21°14	25°31	2°37	25° 6	19° 7	24°R 5	24° 8	0°52	29° 5	M 7
T 8	19 42 17	24°54'30	8♓20	21°49	1♋ 7	2°42	21°14	25°30	2°40	25° 7	19° 6	24° 5	24° 5	0°58	29° 9	T 8
W 9	19 46 14	25°51'47	22°12	22°40	2°19	2°30	21°D14	25°29	2°43	25° 7	19° 5	24° 5	24° 2	1° 5	29°12	W 9
T 10	19 50 10	26°49'05	5♈38	23°28	3°32	2°19	21°14	25°28	2°47	25° 7	19° 3	24° 4	23°59	1°12	29°15	T 10
F 11	19 54 7	27°46'24	18°38	24°13	4°45	2° 9	21°15	25°27	2°50	25° 8	19° 2	24° 4	23°55	1°18	29°18	F 11
S 12	19 58 3	28°43'44	1♉16	24°54	5°58	2° 0	21°15	25°26	2°53	25° 8	19° 1	24°D 4	23°52	1°25	29°21	S 12
S 13	20 2 0	29°41'05	13°36	25°31	7°10	1°51	21°16	25°25	2°56	25° 8	19° 0	24° 4	23°49	1°32	29°24	S 13
M14	20 5 56	0♌38'27	25°41	26° 4	8°23	1°43	21°16	25°25	3° 0	25° 8	18°59	24° 5	23°46	1°38	29°26	M14
T 15	20 9 53	1°35'51	7♊37	26°33	9°36	1°36	21°18	25°24	3° 3	25° 9	18°57	24° 5	23°43	1°45	29°29	T 15
W16	20 13 49	2°33'15	19°26	26°58	10°49	1°30	21°19	25°24	3° 6	25° 9	18°56	24° 6	23°40	1°52	29°32	W16
T 17	20 17 46	3°30'41	1♋14	27°18	12° 2	1°24	21°20	25°23	3°10	25° 9	18°55	24° 7	23°36	1°58	29°35	T 17
F 18	20 21 43	4°28'08	13° 3	27°33	13°15	1°19	21°22	25°23	3°13	25° 9	18°54	24° 8	23°33	2° 5	29°37	F 18
S 19	20 25 39	5°25'35	24°56	27°44	14°28	1°15	21°23	25°23	3°17	25°R 9	18°52	24°R 8	23°30	2°12	29°40	S 19
S 20	20 29 36	6°23'04	6♌56	27°50	15°41	1°12	21°25	25°D23	3°20	25° 9	18°51	24° 8	23°27	2°18	29°42	S 20
M21	20 33 32	7°20'34	19° 4	27°R50	16°54	1°10	21°27	25°23	3°23	25° 9	18°50	24° 7	23°24	2°25	29°45	M21
T 22	20 37 29	8°18'04	1♍23	27°46	18° 7	1° 9	21°30	25°23	3°27	25° 9	18°48	24° 5	23°21	2°32	29°47	T 22
W23	20 41 25	9°15'36	13°53	27°35	19°21	1°D 8	21°32	25°23	3°30	25° 9	18°47	24° 3	23°17	2°38	29°50	W23
T 24	20 45 22	10°13'08	26°37	27°20	20°34	1° 8	21°35	25°23	3°34	25° 8	18°46	24° 1	23°14	2°45	29°52	T 24
F 25	20 49 18	11°10'42	9♎35	26°59	21°47	1° 9	21°38	25°24	3°37	25° 8	18°45	23°59	23°11	2°52	29°54	F 25
S 26	20 53 15	12° 8'16	22°49	26°33	23° 1	1°11	21°41	25°24	3°41	25° 8	18°43	23°57	23° 8	2°58	29°56	S 26
S 27	20 57 12	13° 5'51	6♏21	26° 2	24°14	1°14	21°44	25°25	3°45	25° 8	18°42	23°56	23° 5	3° 5	29°59	S 27
M28	21 1 8	14° 3'28	20°10	25°26	25°27	1°18	21°47	25°26	3°48	25° 8	18°41	23°D56	23° 1	3°12	0♊ 1	M28
T 29	21 5 5	15° 1'05	4♐17	24°45	26°41	1°22	21°51	25°26	3°52	25° 7	18°39	23°57	22°58	3°18	0° 3	T 29
W30	21 9 1	15°58'43	18°40	24° 1	27°54	1°28	21°54	25°27	3°55	25° 7	18°38	23°58	22°55	3°25	0° 5	W30
T 31	21 12 58	16♌56'23	3♑17	23♌14	29♋ 8	1♑34	21♏58	25♏28	3♍59	25♈ 7	18♒37	23♑59	22♑52	3♋32	0♊ 6	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	22n15	23s22	4s34	16n41	0n10	22n32	0s45	28s53	5s28	17s18	0n52	17s15	2n 2	11n22	0n44	8n 5	1s45	24s39	10s 6	21s21	21s17	25n37	16n40	3s21
W 2	22 7	25 35	3 44	16 11	0s 0	22 39	0 43	28 55	5 29	17 18	0 52	17 15	2 2	11 21	0 44	8 5	1 45	24 40	10 6	21 21	21 18	25 36	16 40	3 21
T 3	21 59	26 1	2 39	15 40	0 11	22 44	0 40	28 57	5 30	17 18	0 52	17 15	2 2	11 20	0 44	8 6	1 45	24 40	10 6	21 21	21 18	25 35	16 41	3 22
F 4	21 50	24 32	1 21	15 10	0 22	22 49	0 37	28 58	5 31	17 18	0 51	17 14	2 1	11 18	0 44	8 6	1 45	24 41	10 6	21 21	21 19	25 35	16 41	3 22
S 5	21 41	21 16	0n 2	14 39	0 33	22 54	0 35	29 0	5 32	17 18	0 51	17 14	2 1	11 17	0 44	8 6	1 46	24 41	10 6	21 21	21 19	25 34	16 41	3 22
S 6	21 32	16 37	1 24	14 10	0 44	22 57	0 32	29 1	5 33	17 18	0 51	17 14	2 1	11 16	0 44	8 6	1 46	24 42	10 7	21 21	21 20	25 33	16 42	3 23
M 7	21 22	11 3	2 39	13 40	0 56	23 1	0 29	29 1	5 33	17 18	0 51	17 14	2 1	11 15	0 44	8 6	1 46	24 42	10 7	21 21	21 20	25 32	16 42	3 23
T 8	21 12	5 2	3 42	13 12	1 8	23 3	0 27	29 2	5 34	17 18	0 50	17 14	2 1	11 14	0 44	8 6	1 46	24 43	10 7	21 21	21 21	25 31	16 43	3 23
W 9	21 2	1n 2	4 30	12 44	1 20	23 5	0 24	29 3	5 34	17 18	0 50	17 14	2 0	11 13	0 44	8 6	1 46	24 43	10 7	21 21	21 21	25 30	16 43	3 23
T 10	20 51	6 51	5 1	12 16	1 33	23 6	0 21	29 3	5 34	17 19	0 50	17 14	2 0	11 12	0 44	8 6	1 46	24 44	10 7	21 21	21 22	25 29	16 43	3 24
F 11	20 40	12 11	5 16	11 50	1 45	23 6	0 19	29 3	5 34	17 19	0 50	17 14	2 0	11 10	0 44	8 6	1 46	24 45	10 7	21 21	21 23	25 29	16 44	3 24
S 12	20 28	16 52	5 15	11 24	1 58	23 6	0 16	29 3	5 34	17 19	0 49	17 14	2 0	11 9	0 44	8 6	1 46	24 45	10 8	21 21	21 23	25 28	16 44	3 24
S 13	20 16	20 43	4 59	11 0	2 11	23 5	0 13	29 3	5 34	17 20	0 49	17 14	1 59	11 8	0 44	8 6	1 46	24 46	10 8	21 21	21 24	25 27	16 44	3 25
M14	20 4	23 36	4 31	10 37	2 23	23 3	0 11	29 3	5 34	17 20	0 49	17 14	1 59	11 7	0 44	8 6	1 46	24 46	10 8	21 21	21 24	25 26	16 45	3 25
T 15	19 51	25 25	3 51	10 15	2 36	23 1	0 8	29 3	5 33	17 21	0 49	17 14	1 59	11 6	0 44	8 6	1 46	24 47	10 8	21 21	21 25	25 25	16 45	3 25
W16	19 38	26 5	3 1	9 55	2 49	22 58	0 5	29 2	5 33	17 21	0 48	17 14	1 59	11 4	0 44	8 6	1 46	24 47	10 8	21 21	21 25	25 24	16 45	3 25
T 17	19 25	25 33	2 4	9 36	3 1	22 55	0 3	29 1	5 32	17 22	0 48	17 15	1 58	11 3	0 44	8 6	1 46	24 48	10 8	21 21	21 26	25 23	16 46	3 26
F 18	19 12	23 52	1 1	9 19	3 13	22 50	0n 0	29 1	5 31	17 22	0 48	17 15	1 58	11 2	0 44	8 6	1 46	24 48	10 8	21 20	21 26	25 22	16 46	3 26
S 19	18 58	21 7	0s 4	9 5	3 25	22 45	0 3	29 0	5 30	17 23	0 48	17 15	1 58	11 1	0 44	8 6	1 46	24 49	10 9	21 20	21 27	25 21	16 46	3 26
S 20	18 43	17 27	1 10	8 52	3 37	22 40	0 5	28 59	5 29	17 24	0 48	17 15	1 58	10 59	0 44	8 6	1 46	24 49	10 9	21 20	21 27	25 20	16 46	3 27
M21	18 29	13 1	2 14	8 41	3 48	22 33	0 8	28 58	5 28	17 25	0 47	17 15	1 57	10 58	0 44	8 6	1 47	24 50	10 9	21 21	21 28	25 19	16 47	3 27
T 22	18 14	8 1	3 12	8 33	3 59	22 26	0 10	28 57	5 27	17 26	0 47	17 16	1 57	10 57	0 44	8 6	1 47	24 50	10 9	21 21	21 29	25 18	16 47	3 27
W23	17 59	2 38	4 2	8 27	4 9	22 19	0 13	28 55	5 26	17 26	0 47	17 16	1 57	10 55	0 44	8 6	1 47	24 51	10 9	21 21	21 29	25 17	16 47	3 28
T 24	17 44	2s56	4 41	8 24	4 18	22 11	0 16	28 54	5 24	17 27	0 47	17 16	1 57	10 54	0 44	8 6	1 47	24 51	10 9	21 22	21 30	25 17	16 47	3 28
F 25	17 28	8 29	5 6	8 23	4 26	22 2	0 18	28 53	5 23	17 28	0 46	17 17	1 56	10 53	0 44	8 6	1 47	24 52	10 9	21 22	21 30	25 16	16 47	3 28
S 26	17 12	13 46	5 16	8 25	4 32	21 52	0 21	28 51	5 21	17 29	0 46	17 17	1 56	10 52	0 44	8 6	1 47	24 52	10 9	21 22	21 31	25 15	16 47	3 29
S 27	16 56	18 31	5 8	8 31	4 38	21 42	0 23	28 49	5 20	17 30	0 46	17 17	1 56	10 50	0 44	8 5	1 47	24 53	10 9	21 22	21 31	25 14	16 48	3 29
M28	16 39	22 22	4 43	8 38	4 42	21 31	0 25	28 48	5 18	17 31	0 46	17 18	1 56	10 49	0 44	8 5	1 47	24 53	10 9	21 22	21 32	25 13	16 48	3 29
T 29	16 22	25 0	4 1	8 49	4 45	21 20	0 28	28 46	5 16	17 33	0 45	17 18	1 55	10 48	0 44	8 5	1 47	24 54	10 10	21 22	21 32	25 12	16 48	3 30
W30	16 5	26 3	3 3	9 3	4 46	21 8	0 30	28 44	5 15	17 34	0 45	17 19	1 55	10 46	0 44	8 5	1 47	24 54	10 10	21 22	21 33	25 11	16 48	3 30
T 31	15n48	25s19	1s52	9n19	4s46	20n55	0n33	28s42	5s13	17s35	0n45	17s19	1n55	10n45	0n44	8n 5	1s47	24s55	10s10	21s22	21s33	25n10	16n48	3s30

Julian Day Number = 2285185.5, Delta T = 191.91 sec
Ecliptic obliquity = 23°29'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°23'03, Lahiri = 17°30'04 Julian Calendar 1 July 1544 == Greg. Calendar 11 July 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

AUGUST 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 16 54	17♌54'03	18♑ 3	22°R24	0♌21	1♑41	22♏ 2	25♏29	4♍ 3	25°R 6	18°R35	24°R 0	22♑49	3♋38	0♊ 8	F 1
S 2	21 20 51	18°51'45	2♒53	21♌33	1°35	1°49	22° 6	25°30	4° 6	25♈ 6	18♒34	24♑ 0	22°46	3°45	0°10	S 2
S 3	21 24 48	19°49'28	17°38	20°41	2°48	1°57	22°11	25°32	4°10	25° 5	18°33	23°59	22°42	3°52	0°12	S 3
M 4	21 28 44	20°47'12	2♓12	19°49	4° 2	2° 6	22°15	25°33	4°14	25° 5	18°31	23°56	22°39	3°58	0°13	M 4
T 5	21 32 41	21°44'57	16°29	18°59	5°16	2°16	22°20	25°34	4°17	25° 4	18°30	23°52	22°36	4° 5	0°15	T 5
W 6	21 36 37	22°42'44	0♈23	18°11	6°29	2°27	22°25	25°36	4°21	25° 4	18°29	23°48	22°33	4°11	0°16	W 6
T 7	21 40 34	23°40'33	13°53	17°27	7°43	2°39	22°30	25°38	4°25	25° 3	18°27	23°44	22°30	4°18	0°18	T 7
F 8	21 44 30	24°38'24	26°57	16°47	8°57	2°51	22°35	25°39	4°29	25° 2	18°26	23°40	22°27	4°25	0°19	F 8
S 9	21 48 27	25°36'16	9♉38	16°13	10°11	3° 4	22°40	25°41	4°32	25° 2	18°25	23°38	22°23	4°31	0°21	S 9
S 10	21 52 23	26°34'10	21°59	15°45	11°25	3°17	22°45	25°43	4°36	25° 1	18°24	23°D37	22°20	4°38	0°22	S 10
M11	21 56 20	27°32'06	4♊ 5	15°24	12°39	3°32	22°51	25°45	4°40	25° 0	18°22	23°37	22°17	4°45	0°23	M11
T 12	22 0 16	28°30'04	15°59	15°10	13°52	3°47	22°57	25°47	4°43	25° 0	18°21	23°38	22°14	4°51	0°24	T 12
W13	22 4 13	29°28'04	27°48	15°D 4	15° 6	4° 2	23° 3	25°49	4°47	24°59	18°20	23°40	22°11	4°58	0°25	W13
T 14	22 8 10	0♍26'06	9♋37	15° 6	16°21	4°18	23° 9	25°52	4°51	24°58	18°18	23°41	22° 7	5° 5	0°26	T 14
F 15	22 12 6	1°24'09	21°28	15°17	17°35	4°35	23°15	25°54	4°55	24°57	18°17	23°R42	22° 4	5°11	0°27	F 15
S 16	22 16 3	2°22'15	3♌27	15°35	18°49	4°53	23°21	25°57	4°58	24°56	18°16	23°42	22° 1	5°18	0°28	S 16
S 17	22 19 59	3°20'22	15°37	16° 3	20° 3	5°11	23°28	25°59	5° 2	24°56	18°15	23°39	21°58	5°25	0°29	S 17
M18	22 23 56	4°18'30	27°59	16°38	21°17	5°30	23°35	26° 2	5° 6	24°55	18°13	23°35	21°55	5°31	0°29	M18
T 19	22 27 52	5°16'41	10♍35	17°22	22°31	5°49	23°41	26° 5	5°10	24°54	18°12	23°29	21°52	5°38	0°30	T 19
W20	22 31 49	6°14'53	23°25	18°13	23°45	6°10	23°48	26° 7	5°14	24°53	18°11	23°22	21°48	5°45	0°31	W20
T 21	22 35 45	7°13'07	6♎30	19°12	25° 0	6°30	23°55	26°10	5°17	24°52	18°10	23°15	21°45	5°51	0°31	T 21
F 22	22 39 42	8°11'23	19°47	20°18	26°14	6°51	24° 3	26°13	5°21	24°51	18° 8	23° 7	21°42	5°58	0°32	F 22
S 23	22 43 39	9° 9'40	3♏17	21°31	27°28	7°13	24°10	26°16	5°25	24°50	18° 7	23° 1	21°39	6° 5	0°32	S 23
S 24	22 47 35	10° 7'59	16°58	22°49	28°43	7°35	24°17	26°20	5°29	24°49	18° 6	22°57	21°36	6°11	0°32	S 24
M25	22 51 32	11° 6'19	0♐50	24°13	29°57	7°58	24°25	26°23	5°32	24°48	18° 5	22°55	21°32	6°18	0°32	M25
T 26	22 55 28	12° 4'41	14°50	25°42	1♍11	8°22	24°33	26°26	5°36	24°46	18° 4	22°D54	21°29	6°24	0°33	T 26
W27	22 59 25	13° 3'05	29° 0	27°16	2°26	8°45	24°41	26°30	5°40	24°45	18° 2	22°55	21°26	6°31	0°33	W27
T 28	23 3 21	14° 1'30	13♑17	28°53	3°40	9°10	24°49	26°33	5°44	24°44	18° 1	22°56	21°23	6°38	0°R33	T 28
F 29	23 7 18	14°59'57	27°39	0♍33	4°55	9°35	24°57	26°37	5°47	24°43	18° 0	22°R56	21°20	6°44	0°33	F 29
S 30	23 11 14	15°58'26	12♒ 4	2°17	6° 9	10° 0	25° 5	26°40	5°51	24°42	17°59	22°55	21°17	6°51	0°33	S 30
S 31	23 15 11	16♍56'56	26♒26	4♍ 2	7♍24	10♑26	25♏13	26♏44	5♍55	24♈41	17♒58	22♑51	21♑13	6♋58	0♊32	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	15n30	22s49	0s33	9n37	4s43	20n42	0n35	28s40	5s11	17s36	0n45	17s19	1n55	10n44	0n44	8n 5	1s47	24s55	10s10	21s22	21s34	25n 9	16n48	3s31
S 2	15 12	18 47	0n49	9 57	4 39	20 28	0 37	28 38	5 9	17 37	0 44	17 20	1 54	10 42	0 44	8 4	1 47	24 56	10 10	21 22	21 34	25 8	16 48	3 31
S 3	14 54	13 35	2 6	10 20	4 32	20 13	0 39	28 36	5 7	17 39	0 44	17 21	1 54	10 41	0 44	8 4	1 47	24 56	10 10	21 22	21 35	25 7	16 48	3 31
M 4	14 36	7 41	3 15	10 44	4 24	19 58	0 42	28 34	5 5	17 40	0 44	17 21	1 54	10 40	0 44	8 4	1 47	24 57	10 10	21 22	21 35	25 5	16 48	3 32
T 5	14 18	1 31	4 9	11 9	4 14	19 42	0 44	28 32	5 3	17 42	0 44	17 22	1 54	10 38	0 44	8 4	1 47	24 57	10 10	21 23	21 36	25 4	16 48	3 32
W 6	13 59	4n33	4 48	11 34	4 2	19 26	0 46	28 29	5 1	17 43	0 44	17 22	1 54	10 37	0 44	8 3	1 47	24 58	10 10	21 24	21 37	25 3	16 48	3 32
T 7	13 40	10 13	5 9	12 0	3 49	19 9	0 48	28 27	4 59	17 45	0 43	17 23	1 53	10 36	0 44	8 3	1 48	24 58	10 10	21 25	21 37	25 2	16 48	3 33
F 8	13 21	15 16	5 13	12 26	3 34	18 52	0 50	28 25	4 57	17 46	0 43	17 24	1 53	10 34	0 44	8 3	1 48	24 59	10 10	21 25	21 38	25 1	16 48	3 33
S 9	13 1	19 29	5 1	12 51	3 19	18 34	0 52	28 22	4 54	17 48	0 43	17 24	1 53	10 33	0 44	8 3	1 48	24 59	10 10	21 26	21 38	25 0	16 48	3 33
S 10	12 41	22 45	4 36	13 16	3 2	18 16	0 54	28 20	4 52	17 49	0 43	17 25	1 53	10 31	0 44	8 2	1 48	25 0	10 10	21 26	21 39	24 59	16 48	3 34
M11	12 22	24 55	3 59	13 39	2 44	17 57	0 56	28 17	4 50	17 51	0 42	17 26	1 52	10 30	0 44	8 2	1 48	25 0	10 10	21 26	21 39	24 58	16 48	3 34
T 12	12 1	25 56	3 12	14 0	2 26	17 37	0 58	28 14	4 48	17 53	0 42	17 26	1 52	10 29	0 44	8 2	1 48	25 0	10 10	21 26	21 40	24 57	16 47	3 34
W13	11 41	25 46	2 17	14 19	2 8	17 17	0 59	28 12	4 45	17 54	0 42	17 27	1 52	10 27	0 44	8 1	1 48	25 1	10 10	21 25	21 40	24 56	16 47	3 35
T 14	11 21	24 25	1 16	14 36	1 49	16 57	1 1	28 9	4 43	17 56	0 42	17 28	1 52	10 26	0 44	8 1	1 48	25 1	10 10	21 25	21 41	24 55	16 47	3 35
F 15	11 0	21 59	0 12	14 51	1 31	16 36	1 3	28 6	4 41	17 58	0 42	17 29	1 51	10 25	0 44	8 1	1 48	25 2	10 10	21 25	21 41	24 54	16 47	3 35
S 16	10 39	18 34	0s53	15 3	1 13	16 15	1 4	28 3	4 39	18 0	0 41	17 29	1 51	10 23	0 44	8 0	1 48	25 2	10 10	21 25	21 42	24 53	16 47	3 36
S 17	10 18	14 21	1 56	15 12	0 55	15 53	1 6	28 0	4 36	18 1	0 41	17 30	1 51	10 22	0 44	8 0	1 48	25 3	10 10	21 25	21 42	24 51	16 47	3 36
M18	9 57	9 28	2 55	15 18	0 38	15 30	1 8	27 57	4 34	18 3	0 41	17 31	1 51	10 20	0 44	8 0	1 48	25 3	10 10	21 26	21 43	24 50	16 46	3 37
T 19	9 36	4 7	3 47	15 20	0 21	15 8	1 9	27 53	4 31	18 5	0 41	17 32	1 50	10 19	0 44	7 59	1 48	25 3	10 10	21 27	21 43	24 49	16 46	3 37
W20	9 15	1s29	4 28	15 19	0 5	14 45	1 10	27 50	4 29	18 7	0 41	17 33	1 50	10 18	0 44	7 59	1 48	25 4	10 10	21 28	21 44	24 48	16 46	3 37
T 21	8 53	7 6	4 55	15 15	0n10	14 21	1 12	27 47	4 27	18 9	0 40	17 34	1 50	10 16	0 44	7 58	1 48	25 4	10 10	21 30	21 44	24 47	16 46	3 38
F 22	8 31	12 30	5 8	15 8	0 24	13 57	1 13	27 43	4 24	18 11	0 40	17 35	1 50	10 15	0 44	7 58	1 48	25 4	10 10	21 31	21 45	24 46	16 45	3 38
S 23	8 9	17 23	5 3	14 57	0 37	13 33	1 14	27 40	4 22	18 13	0 40	17 36	1 50	10 13	0 44	7 57	1 48	25 5	10 10	21 32	21 45	24 45	16 45	3 38
S 24	7 47	21 27	4 42	14 43	0 49	13 8	1 15	27 36	4 19	18 15	0 40	17 37	1 49	10 12	0 44	7 57	1 48	25 5	10 10	21 32	21 46	24 43	16 45	3 39
M25	7 25	24 21	4 4	14 25	0 59	12 43	1 17	27 32	4 17	18 17	0 40	17 37	1 49	10 11	0 44	7 57	1 48	25 5	10 10	21 33	21 46	24 42	16 45	3 39
T 26	7 3	25 47	3 11	14 4	1 9	12 17	1 18	27 28	4 15	18 19	0 39	17 38	1 49	10 9	0 44	7 56	1 49	25 6	10 10	21 33	21 47	24 41	16 44	3 39
W27	6 40	25 35	2 5	13 40	1 18	11 51	1 19	27 24	4 12	18 21	0 39	17 39	1 49	10 8	0 44	7 56	1 49	25 6	10 10	21 33	21 47	24 40	16 44	3 40
T 28	6 18	23 42	0 52	13 14	1 25	11 25	1 20	27 20	4 10	18 23	0 39	17 41	1 48	10 7	0 44	7 55	1 49	25 6	10 10	21 33	21 48	24 39	16 44	3 40
F 29	5 55	20 16	0n25	12 44	1 32	10 59	1 20	27 16	4 7	18 26	0 39	17 42	1 48	10 5	0 44	7 55	1 49	25 7	10 10	21 33	21 48	24 38	16 43	3 40
S 30	5 33	15 36	1 41	12 12	1 37	10 32	1 21	27 11	4 5	18 28	0 39	17 43	1 48	10 4	0 44	7 54	1 49	25 7	10 10	21 33	21 49	24 36	16 43	3 41
S 31	5n10	10s 5	2n50	11n38	1n42	10n 5	1n22	27s 7	4s 2	18s30	0n38	17s44	1n48	10n 2	0n44	7n54	1s49	25s 7	10s 9	21s33	21s49	24n35	16n42	3s41

Julian Day Number = 2285216.5, Delta T = 191.72 sec
Ecliptic obliquity = 23°29'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°23'08, Lahiri = 17°30'08 Julian Calendar 1 Aug. 1544 == Greg. Calendar 11 Aug. 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

SEPTEMBER 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 19 8	17♍55'27	10♓41	5♍50	8♍38	10♑52	25♏22	26♏48	5♍59	24°R39	17°R57	22°R45	21♑10	7♋ 4	0°R32	M 1
T 2	23 23 4	18°54'01	24°43	7°38	9°53	11°18	25°31	26°52	6° 2	24♈38	17♒56	22♑37	21° 7	7°11	0♊32	T 2
W 3	23 27 1	19°52'37	8♈28	9°28	11° 7	11°45	25°39	26°56	6° 6	24°37	17°54	22°27	21° 4	7°18	0°31	W 3
T 4	23 30 57	20°51'15	21°53	11°19	12°22	12°13	25°48	27° 0	6°10	24°35	17°53	22°17	21° 1	7°24	0°31	T 4
F 5	23 34 54	21°49'55	4♉55	13°10	13°37	12°41	25°57	27° 4	6°13	24°34	17°52	22° 8	20°58	7°31	0°30	F 5
S 6	23 38 50	22°48'37	17°36	15° 1	14°51	13° 9	26° 6	27° 8	6°17	24°33	17°51	22° 1	20°54	7°38	0°30	S 6
S 7	23 42 47	23°47'21	29°58	16°52	16° 6	13°38	26°16	27°13	6°21	24°31	17°50	21°56	20°51	7°44	0°29	S 7
M 8	23 46 43	24°46'08	12♊ 4	18°43	17°21	14° 7	26°25	27°17	6°24	24°30	17°49	21°53	20°48	7°51	0°28	M 8
T 9	23 50 40	25°44'57	23°59	20°34	18°36	14°36	26°34	27°21	6°28	24°28	17°48	21°D52	20°45	7°58	0°27	T 9
W10	23 54 37	26°43'48	5♋48	22°24	19°50	15° 6	26°44	27°26	6°31	24°27	17°47	21°52	20°42	8° 4	0°27	W10
T 11	23 58 33	27°42'42	17°36	24°14	21° 5	15°36	26°53	27°31	6°35	24°26	17°46	21°R53	20°38	8°11	0°26	T 11
F 12	0 2 30	28°41'38	29°30	26° 3	22°20	16° 6	27° 3	27°35	6°39	24°24	17°45	21°53	20°35	8°18	0°25	F 12
S 13	0 6 26	29°40'36	11♌33	27°51	23°35	16°37	27°13	27°40	6°42	24°23	17°45	21°51	20°32	8°24	0°23	S 13
S 14	0 10 23	0♎39'36	23°51	29°38	24°50	17° 8	27°23	27°45	6°46	24°21	17°44	21°47	20°29	8°31	0°22	S 14
M15	0 14 19	1°38'38	6♍25	1♎25	26° 5	17°40	27°33	27°50	6°49	24°20	17°43	21°40	20°26	8°37	0°21	M15
T 16	0 18 16	2°37'43	19°18	3°11	27°19	18°11	27°43	27°54	6°53	24°18	17°42	21°30	20°23	8°44	0°20	T 16
W17	0 22 12	3°36'50	2♎29	4°56	28°34	18°43	27°54	27°59	6°56	24°17	17°41	21°19	20°19	8°51	0°18	W17
T 18	0 26 9	4°35'59	15°58	6°41	29°49	19°16	28° 4	28° 5	7° 0	24°15	17°40	21° 7	20°16	8°57	0°17	T 18
F 19	0 30 5	5°35'10	29°41	8°24	1♎ 4	19°48	28°14	28°10	7° 3	24°13	17°39	20°55	20°13	9° 4	0°15	F 19
S 20	0 34 2	6°34'22	13♏35	10° 7	2°19	20°21	28°25	28°15	7° 6	24°12	17°39	20°45	20°10	9°11	0°14	S 20
S 21	0 37 59	7°33'37	27°37	11°49	3°34	20°55	28°36	28°20	7°10	24°10	17°38	20°38	20° 7	9°17	0°12	S 21
M22	0 41 55	8°32'54	11♐42	13°30	4°49	21°28	28°46	28°25	7°13	24° 9	17°37	20°33	20° 4	9°24	0°11	M22
T 23	0 45 52	9°32'13	25°49	15°10	6° 4	22° 2	28°57	28°31	7°17	24° 7	17°36	20°30	20° 0	9°31	0° 9	T 23
W24	0 49 48	10°31'33	9♑55	16°50	7°19	22°36	29° 8	28°36	7°20	24° 5	17°36	20°D30	19°57	9°37	0° 7	W24
T 25	0 53 45	11°30'55	24° 1	18°28	8°34	23°10	29°19	28°42	7°23	24° 4	17°35	20°R30	19°54	9°44	0° 5	T 25
F 26	0 57 41	12°30'19	8♒ 4	20° 6	9°50	23°45	29°30	28°47	7°26	24° 2	17°34	20°29	19°51	9°51	0° 3	F 26
S 27	1 1 38	13°29'44	22° 5	21°44	11° 5	24°20	29°41	28°53	7°30	24° 1	17°34	20°26	19°48	9°57	0° 1	S 27
S 28	1 5 34	14°29'11	6♓ 1	23°20	12°20	24°55	29°53	28°59	7°33	23°59	17°33	20°21	19°44	10° 4	29♑59	S 28
M29	1 9 31	15°28'40	19°50	24°56	13°35	25°30	0♐ 4	29° 4	7°36	23°57	17°33	20°12	19°41	10°11	29°57	M29
T 30	1 13 28	16♎28'11	3♈29	26♎32	14♎50	26♑ 5	0♐15	29♏10	7♍39	23♈56	17♒32	20♑ 1	19♑38	10♋17	29♑55	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	4n47	4s 4	3n47	11n 2	1n45	9n38	1n23	27s 2	4s 0	18s32	0n38	17s45	1n48	10n 1	0n44	7n53	1s49	25s 8	10s 9	21s35	21s50	24n34	16n42	3s42
T 2	4 24	2n 2	4 30	10 23	1 48	9 10	1 23	26 58	3 58	18 34	0 38	17 46	1 47	10 0	0 44	7 53	1 49	25 8	10 9	21 36	21 50	24 33	16 42	3 42
W 3	4 1	7 54	4 56	9 44	1 49	8 42	1 24	26 53	3 55	18 37	0 38	17 47	1 47	9 58	0 44	7 52	1 49	25 8	10 9	21 37	21 51	24 31	16 41	3 42
T 4	3 38	13 15	5 5	9 2	1 50	8 14	1 24	26 48	3 53	18 39	0 38	17 48	1 47	9 57	0 44	7 52	1 49	25 8	10 9	21 39	21 51	24 30	16 41	3 43
F 5	3 15	17 51	4 57	8 20	1 50	7 46	1 25	26 43	3 50	18 41	0 37	17 49	1 47	9 56	0 44	7 51	1 49	25 9	10 9	21 40	21 52	24 29	16 40	3 43
S 6	2 52	21 32	4 35	7 36	1 50	7 17	1 25	26 38	3 48	18 44	0 37	17 50	1 47	9 54	0 44	7 51	1 49	25 9	10 9	21 42	21 52	24 28	16 40	3 43
S 7	2 28	24 7	4 1	6 52	1 48	6 48	1 25	26 32	3 45	18 46	0 37	17 52	1 46	9 53	0 44	7 50	1 49	25 9	10 9	21 42	21 53	24 26	16 39	3 44
M 8	2 5	25 32	3 16	6 6	1 47	6 19	1 26	26 27	3 43	18 48	0 37	17 53	1 46	9 52	0 44	7 50	1 49	25 9	10 9	21 43	21 53	24 25	16 39	3 44
T 9	1 42	25 45	2 23	5 21	1 44	5 50	1 26	26 21	3 41	18 51	0 37	17 54	1 46	9 50	0 44	7 49	1 49	25 10	10 9	21 43	21 54	24 24	16 38	3 44
W10	1 18	24 47	1 25	4 34	1 41	5 21	1 26	26 15	3 38	18 53	0 37	17 55	1 46	9 49	0 44	7 49	1 49	25 10	10 9	21 43	21 54	24 23	16 38	3 45
T 11	0 55	22 43	0 23	3 48	1 38	4 51	1 26	26 9	3 36	18 55	0 36	17 56	1 46	9 48	0 44	7 48	1 49	25 10	10 8	21 43	21 55	24 21	16 37	3 45
F 12	0 31	19 39	0s41	3 1	1 34	4 22	1 26	26 3	3 33	18 58	0 36	17 58	1 45	9 46	0 44	7 47	1 49	25 10	10 8	21 43	21 55	24 20	16 37	3 45
S 13	0 8	15 43	1 43	2 14	1 30	3 52	1 26	25 57	3 31	19 0	0 36	17 59	1 45	9 45	0 44	7 47	1 49	25 10	10 8	21 43	21 56	24 19	16 36	3 46
S 14	0s16	11 4	2 41	1 27	1 25	3 22	1 25	25 51	3 29	19 3	0 36	18 0	1 45	9 44	0 44	7 46	1 49	25 11	10 8	21 44	21 56	24 18	16 36	3 46
M15	0 39	5 52	3 33	0 40	1 20	2 52	1 25	25 44	3 26	19 5	0 36	18 1	1 45	9 42	0 44	7 46	1 49	25 11	10 8	21 45	21 57	24 16	16 35	3 46
T 16	1 3	0 20	4 16	0s 7	1 15	2 22	1 25	25 38	3 24	19 8	0 36	18 3	1 45	9 41	0 44	7 45	1 49	25 11	10 8	21 47	21 57	24 15	16 34	3 47
W17	1 26	5s21	4 46	0 54	1 10	1 52	1 25	25 31	3 22	19 10	0 35	18 4	1 44	9 40	0 44	7 44	1 49	25 11	10 8	21 48	21 57	24 14	16 34	3 47
T 18	1 50	10 55	5 0	1 40	1 4	1 21	1 24	25 24	3 19	19 12	0 35	18 5	1 44	9 39	0 44	7 44	1 49	25 11	10 7	21 50	21 58	24 12	16 33	3 47
F 19	2 13	16 2	4 58	2 27	0 58	0 51	1 24	25 17	3 17	19 15	0 35	18 7	1 44	9 37	0 44	7 43	1 49	25 11	10 7	21 52	21 58	24 11	16 33	3 48
S 20	2 37	20 22	4 38	3 13	0 52	0 21	1 23	25 10	3 15	19 17	0 35	18 8	1 44	9 36	0 44	7 43	1 49	25 11	10 7	21 54	21 59	24 10	16 32	3 48
S 21	3 0	23 36	4 1	3 59	0 46	0s10	1 22	25 2	3 12	19 20	0 35	18 9	1 44	9 35	0 44	7 42	1 49	25 11	10 7	21 55	21 59	24 8	16 31	3 48
M22	3 24	25 23	3 10	4 44	0 40	0 40	1 22	24 55	3 10	19 22	0 35	18 11	1 44	9 34	0 44	7 41	1 49	25 12	10 7	21 55	22 0	24 7	16 31	3 49
T 23	3 47	25 33	2 7	5 29	0 33	1 11	1 21	24 47	3 8	19 25	0 34	18 12	1 43	9 32	0 44	7 41	1 49	25 12	10 7	21 56	22 0	24 6	16 30	3 49
W24	4 11	24 3	0 56	6 13	0 27	1 41	1 20	24 39	3 5	19 28	0 34	18 13	1 43	9 31	0 44	7 40	1 49	25 12	10 7	21 56	22 1	24 4	16 29	3 49
T 25	4 34	21 3	0n19	6 57	0 20	2 12	1 19	24 31	3 3	19 30	0 34	18 15	1 43	9 30	0 44	7 40	1 49	25 12	10 6	21 56	22 1	24 3	16 28	3 50
F 26	4 57	16 49	1 32	7 41	0 13	2 42	1 18	24 22	3 1	19 33	0 34	18 16	1 43	9 29	0 44	7 39	1 49	25 12	10 6	21 56	22 2	24 2	16 28	3 50
S 27	5 20	11 41	2 39	8 23	0 6	3 12	1 17	24 14	2 59	19 35	0 34	18 17	1 43	9 28	0 44	7 38	1 49	25 12	10 6	21 56	22 2	24 0	16 27	3 50
S 28	5 43	5 59	3 36	9 6	0s 0	3 43	1 16	24 6	2 56	19 38	0 34	18 19	1 43	9 26	0 44	7 38	1 49	25 12	10 6	21 57	22 3	23 59	16 26	3 51
M29	6 7	0 3	4 20	9 48	0 7	4 13	1 15	23 57	2 54	19 40	0 33	18 20	1 42	9 25	0 44	7 37	1 50	25 12	10 6	21 59	22 3	23 57	16 26	3 51
T 30	6s29	5n47	4n48	10s29	0s14	4s43	1n14	23s48	2s52	19s43	0n33	18s22	1n42	9n24	0n44	7n37	1s50	25s12	10s 6	22s 0	22s 4	23n56	16n25	3s51

Julian Day Number = 2285247.5, Delta T = 191.53 sec
Ecliptic obliquity = 23°29'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°23'12, Lahiri = 17°30'12 Julian Calendar 1 Sept. 1544 == Greg. Calendar 11 Sept. 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

OCTOBER 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 17 24	17♎27'44	16♈55	28♎ 6	16♎ 5	26♉41	0♐27	29♏16	7♍42	23°R54	17°R31	19°R48	19♉35	10♋24	29°R53	W 1
T 2	1 21 21	18°27'19	0♉ 5	29°40	17°20	27°17	0°38	29°22	7°45	23♈52	17♒31	19♉35	19°32	10°30	29♉51	T 2
F 3	1 25 17	19°26'56	12°58	1♏14	18°35	27°53	0°50	29°28	7°48	23°51	17°30	19°23	19°29	10°37	29°48	F 3
S 4	1 29 14	20°26'36	25°32	2°47	19°50	28°29	1° 2	29°34	7°51	23°49	17°30	19°12	19°25	10°44	29°46	S 4
S 5	1 33 10	21°26'17	7♊50	4°19	21° 6	29° 6	1°14	29°40	7°54	23°47	17°30	19° 4	19°22	10°50	29°43	S 5
M 6	1 37 7	22°26'01	19°55	5°50	22°21	29°42	1°25	29°46	7°57	23°45	17°29	18°59	19°19	10°57	29°41	M 6
T 7	1 41 3	23°25'47	1♋48	7°21	23°36	0♒19	1°37	29°52	8° 0	23°44	17°29	18°56	19°16	11° 4	29°38	T 7
W 8	1 45 0	24°25'35	13°37	8°52	24°51	0°56	1°49	29°58	8° 3	23°42	17°28	18°55	19°13	11°10	29°36	W 8
T 9	1 48 57	25°25'26	25°25	10°22	26° 6	1°33	2° 1	0♐ 4	8° 6	23°40	17°28	18°55	19° 9	11°17	29°33	T 9
F 10	1 52 53	26°25'18	7♌18	11°51	27°22	2°11	2°14	0°10	8° 9	23°39	17°28	18°55	19° 6	11°24	29°30	F 10
S 11	1 56 50	27°25'13	19°22	13°20	28°37	2°48	2°26	0°17	8°12	23°37	17°27	18°53	19° 3	11°30	29°28	S 11
S 12	2 0 46	28°25'10	1♍42	14°48	29°52	3°26	2°38	0°23	8°14	23°35	17°27	18°49	19° 0	11°37	29°25	S 12
M13	2 4 43	29°25'10	14°22	16°15	1♏ 7	4° 4	2°50	0°29	8°17	23°34	17°27	18°43	18°57	11°44	29°22	M13
T 14	2 8 39	0♏25'11	27°25	17°42	2°23	4°42	3° 3	0°36	8°20	23°32	17°27	18°34	18°54	11°50	29°19	T 14
W15	2 12 36	1°25'14	10♎52	19° 9	3°38	5°20	3°15	0°42	8°23	23°30	17°26	18°22	18°50	11°57	29°16	W15
T 16	2 16 32	2°25'20	24°41	20°34	4°53	5°58	3°28	0°49	8°25	23°29	17°26	18°10	18°47	12° 3	29°13	T 16
F 17	2 20 29	3°25'27	8♏49	21°59	6° 8	6°37	3°40	0°55	8°28	23°27	17°26	17°58	18°44	12°10	29°10	F 17
S 18	2 24 26	4°25'36	23°10	23°23	7°24	7°15	3°53	1° 2	8°30	23°25	17°26	17°48	18°41	12°17	29° 7	S 18
S 19	2 28 22	5°25'47	7♐38	24°47	8°39	7°54	4° 5	1° 8	8°33	23°24	17°26	17°40	18°38	12°23	29° 4	S 19
M20	2 32 19	6°26'00	22° 7	26° 9	9°54	8°33	4°18	1°15	8°35	23°22	17°26	17°35	18°35	12°30	29° 1	M20
T 21	2 36 15	7°26'15	6♑32	27°31	11° 9	9°12	4°31	1°22	8°37	23°20	17°26	17°33	18°31	12°37	28°58	T 21
W22	2 40 12	8°26'31	20°49	28°52	12°25	9°51	4°44	1°28	8°40	23°19	17°D26	17°D32	18°28	12°43	28°55	W22
T 23	2 44 8	9°26'48	4♒57	0♐11	13°40	10°30	4°56	1°35	8°42	23°17	17°26	17°R33	18°25	12°50	28°52	T 23
F 24	2 48 5	10°27'07	18°54	1°29	14°55	11°10	5° 9	1°42	8°44	23°16	17°26	17°32	18°22	12°57	28°49	F 24
S 25	2 52 1	11°27'27	2♓40	2°46	16°11	11°49	5°22	1°49	8°47	23°14	17°26	17°31	18°19	13° 3	28°45	S 25
S 26	2 55 58	12°27'48	16°16	4° 1	17°26	12°29	5°35	1°55	8°49	23°13	17°26	17°26	18°15	13°10	28°42	S 26
M27	2 59 55	13°28'11	29°41	5°15	18°41	13° 8	5°48	2° 2	8°51	23°11	17°26	17°19	18°12	13°17	28°39	M27
T 28	3 3 51	14°28'36	12♈55	6°27	19°57	13°48	6° 1	2° 9	8°53	23° 9	17°26	17°10	18° 9	13°23	28°35	T 28
W29	3 7 48	15°29'01	25°58	7°37	21°12	14°28	6°14	2°16	8°55	23° 8	17°27	16°59	18° 6	13°30	28°32	W29
T 30	3 11 44	16°29'29	8♉47	8°44	22°27	15° 8	6°27	2°23	8°57	23° 6	17°27	16°47	18° 3	13°37	28°29	T 30
F 31	3 15 41	17♏29'58	21♉24	9♐48	23♏42	15♒48	6♐41	2♐30	8♍59	23♈ 5	17♒27	16♉36	18♉ 0	13♋43	28♉25	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	6s52	11n16	5n 0	11s 9	0s21	5s13	1n13	23s39	2s50	19s45	0n33	18s23	1n42	9n23	0n44	7n36	1s50	25s12	10s 5	22s 2	22s 4	23n55	16n24	3s52
T 2	7 15	16 8	4 55	11 49	0 28	5 43	1 12	23 30	2 48	19 48	0 33	18 24	1 42	9 22	0 44	7 35	1 50	25 12	10 5	22 4	22 4	23 53	16 23	3 52
F 3	7 38	20 8	4 36	12 28	0 35	6 13	1 10	23 20	2 45	19 50	0 33	18 26	1 42	9 21	0 44	7 35	1 50	25 12	10 5	22 6	22 5	23 52	16 23	3 52
S 4	8 0	23 7	4 3	13 7	0 42	6 43	1 9	23 11	2 43	19 53	0 33	18 27	1 42	9 20	0 44	7 34	1 50	25 12	10 5	22 7	22 5	23 51	16 22	3 53
S 5	8 23	24 57	3 19	13 45	0 48	7 13	1 7	23 1	2 41	19 56	0 33	18 29	1 41	9 19	0 44	7 33	1 50	25 12	10 5	22 8	22 6	23 49	16 21	3 53
M 6	8 45	25 34	2 27	14 22	0 55	7 42	1 6	22 51	2 39	19 58	0 32	18 30	1 41	9 17	0 44	7 33	1 50	25 12	10 5	22 9	22 6	23 48	16 20	3 53
T 7	9 7	24 59	1 29	14 58	1 2	8 11	1 4	22 41	2 37	20 1	0 32	18 31	1 41	9 16	0 44	7 32	1 50	25 12	10 4	22 9	22 7	23 46	16 19	3 53
W 8	9 29	23 16	0 28	15 34	1 8	8 40	1 3	22 31	2 35	20 3	0 32	18 33	1 41	9 15	0 44	7 32	1 50	25 12	10 4	22 10	22 7	23 45	16 19	3 54
T 9	9 51	20 33	0s34	16 9	1 15	9 9	1 1	22 20	2 32	20 6	0 32	18 34	1 41	9 14	0 44	7 31	1 50	25 12	10 4	22 10	22 8	23 43	16 18	3 54
F 10	10 13	16 57	1 36	16 43	1 21	9 38	0 59	22 10	2 30	20 8	0 32	18 36	1 41	9 13	0 44	7 30	1 50	25 12	10 4	22 10	22 8	23 42	16 17	3 54
S 11	10 35	12 37	2 34	17 16	1 27	10 7	0 58	21 59	2 28	20 11	0 32	18 37	1 41	9 12	0 44	7 30	1 50	25 11	10 4	22 10	22 8	23 40	16 16	3 54
S 12	10 56	7 41	3 26	17 48	1 33	10 35	0 56	21 48	2 26	20 13	0 32	18 39	1 40	9 11	0 44	7 29	1 50	25 11	10 3	22 10	22 9	23 39	16 15	3 55
M13	11 18	2 20	4 10	18 19	1 39	11 3	0 54	21 37	2 24	20 16	0 32	18 40	1 40	9 10	0 45	7 28	1 50	25 11	10 3	22 11	22 9	23 38	16 14	3 55
T 14	11 39	3s16	4 41	18 50	1 45	11 31	0 52	21 26	2 22	20 18	0 31	18 42	1 40	9 9	0 45	7 28	1 50	25 11	10 3	22 13	22 10	23 36	16 14	3 55
W15	12 0	8 53	4 59	19 19	1 50	11 58	0 50	21 15	2 20	20 21	0 31	18 43	1 40	9 8	0 45	7 27	1 50	25 11	10 3	22 14	22 10	23 35	16 13	3 56
T 16	12 21	14 13	4 59	19 48	1 56	12 25	0 48	21 3	2 18	20 23	0 31	18 44	1 40	9 7	0 45	7 27	1 50	25 11	10 3	22 16	22 11	23 33	16 12	3 56
F 17	12 41	18 55	4 42	20 15	2 1	12 52	0 46	20 51	2 16	20 26	0 31	18 46	1 40	9 6	0 45	7 26	1 50	25 11	10 2	22 17	22 11	23 32	16 11	3 56
S 18	13 2	22 35	4 7	20 42	2 6	13 19	0 44	20 40	2 14	20 28	0 31	18 47	1 40	9 6	0 45	7 25	1 50	25 11	10 2	22 19	22 12	23 30	16 10	3 56
S 19	13 22	24 51	3 15	21 7	2 11	13 45	0 42	20 28	2 12	20 31	0 31	18 49	1 40	9 5	0 45	7 25	1 50	25 10	10 2	22 20	22 12	23 29	16 9	3 56
M20	13 42	25 26	2 11	21 32	2 15	14 11	0 40	20 15	2 10	20 33	0 31	18 50	1 40	9 4	0 45	7 24	1 49	25 10	10 2	22 20	22 12	23 27	16 8	3 57
T 21	14 2	24 18	0 58	21 55	2 19	14 36	0 38	20 3	2 8	20 36	0 31	18 52	1 39	9 3	0 45	7 24	1 49	25 10	10 2	22 21	22 13	23 26	16 7	3 57
W22	14 21	21 36	0n17	22 17	2 23	15 2	0 36	19 51	2 6	20 38	0 30	18 53	1 39	9 2	0 45	7 23	1 49	25 10	10 1	22 21	22 13	23 24	16 7	3 57
T 23	14 41	17 36	1 31	22 38	2 27	15 26	0 34	19 38	2 4	20 41	0 30	18 55	1 39	9 1	0 45	7 23	1 49	25 10	10 1	22 21	22 14	23 23	16 6	3 57
F 24	15 0	12 41	2 39	22 57	2 30	15 51	0 32	19 25	2 2	20 43	0 30	18 56	1 39	9 0	0 45	7 22	1 49	25 9	10 1	22 21	22 14	23 21	16 5	3 58
S 25	15 18	7 11	3 36	23 15	2 32	16 15	0 30	19 12	2 0	20 46	0 30	18 58	1 39	9 0	0 45	7 21	1 49	25 9	10 1	22 21	22 15	23 20	16 4	3 58
S 26	15 37	1 26	4 20	23 32	2 35	16 38	0 27	18 59	1 58	20 48	0 30	18 59	1 39	8 59	0 45	7 21	1 49	25 9	10 1	22 22	22 15	23 18	16 3	3 58
M27	15 55	4n18	4 50	23 48	2 37	17 2	0 25	18 46	1 56	20 50	0 30	19 0	1 39	8 58	0 45	7 20	1 49	25 9	10 0	22 22	22 15	23 17	16 2	3 58
T 28	16 13	9 45	5 3	24 2	2 38	17 24	0 23	18 33	1 54	20 53	0 30	19 2	1 39	8 57	0 45	7 20	1 49	25 9	10 0	22 24	22 16	23 15	16 1	3 58
W29	16 31	14 42	5 0	24 15	2 39	17 47	0 20	18 19	1 52	20 55	0 30	19 3	1 39	8 57	0 45	7 19	1 49	25 8	10 0	22 25	22 16	23 13	16 0	3 59
T 30	16 49	18 54	4 42	24 26	2 39	18 8	0 18	18 6	1 50	20 57	0 29	19 5	1 39	8 56	0 45	7 19	1 49	25 8	10 0	22 27	22 17	23 12	15 59	3 59
F 31	17s 6	22n11	4n10	24s35	2s38	18s30	0n16	17s52	1s48	21s 0	0n29	19s 6	1n38	8n55	0n45	7n18	1s49	25s 8	9s59	22s28	22s17	23n10	15n58	3s59

Julian Day Number = 2285277.5, Delta T = 191.35 sec
Ecliptic obliquity = 23°29'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°23'16, Lahiri = 17°30'17 Julian Calendar 1 Oct. 1544 == Greg. Calendar 11 Oct. 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

NOVEMBER 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 19 37	18♏30'29	3♊46	10♐50	24♏58	16♒28	6♐54	2♐37	9♍ 1	23°R 3	17♒27	16°R27	17♑56	13♋50	28°R22	S 1
S 2	3 23 34	19°31'01	15°57	11°47	26°13	17° 8	7° 7	2°43	9° 3	23♈ 2	17°28	16♑20	17°53	13°56	28♉19	S 2
M 3	3 27 30	20°31'35	27°56	12°41	27°28	17°49	7°20	2°50	9° 4	23° 0	17°28	16°16	17°50	14° 3	28°15	M 3
T 4	3 31 27	21°32'11	9♋48	13°31	28°44	18°29	7°34	2°57	9° 6	22°59	17°28	16°14	17°47	14°10	28°12	T 4
W 5	3 35 24	22°32'48	21°35	14°15	29°59	19°10	7°47	3° 4	9° 8	22°58	17°29	16°D14	17°44	14°16	28° 8	W 5
T 6	3 39 20	23°33'27	3♌22	14°54	1♐14	19°50	8° 0	3°11	9° 9	22°56	17°29	16°15	17°41	14°23	28° 5	T 6
F 7	3 43 17	24°34'08	15°14	15°26	2°30	20°31	8°14	3°18	9°11	22°55	17°29	16°16	17°37	14°30	28° 1	F 7
S 8	3 47 13	25°34'50	27°16	15°52	3°45	21°12	8°27	3°25	9°12	22°53	17°30	16°R16	17°34	14°36	27°58	S 8
S 9	3 51 10	26°35'34	9♍34	16° 9	5° 0	21°52	8°41	3°32	9°14	22°52	17°30	16°15	17°31	14°43	27°54	S 9
M10	3 55 6	27°36'20	22°12	16°R18	6°16	22°33	8°54	3°39	9°15	22°51	17°31	16°12	17°28	14°50	27°51	M10
T 11	3 59 3	28°37'07	5♎15	16°17	7°31	23°14	9° 7	3°47	9°17	22°49	17°31	16° 7	17°25	14°56	27°47	T 11
W12	4 2 59	29°37'56	18°45	16° 6	8°46	23°55	9°21	3°54	9°18	22°48	17°32	16° 1	17°21	15° 3	27°44	W12
T 13	4 6 56	0♐38'46	2♏42	15°44	10° 2	24°36	9°34	4° 1	9°19	22°47	17°33	15°53	17°18	15°10	27°40	T 13
F 14	4 10 53	1°39'37	17° 3	15°11	11°17	25°17	9°48	4° 8	9°20	22°46	17°33	15°46	17°15	15°16	27°37	F 14
S 15	4 14 49	2°40'30	1♐43	14°27	12°32	25°58	10° 2	4°15	9°22	22°44	17°34	15°39	17°12	15°23	27°33	S 15
S 16	4 18 46	3°41'24	16°35	13°33	13°48	26°40	10°15	4°22	9°23	22°43	17°34	15°34	17° 9	15°29	27°30	S 16
M17	4 22 42	4°42'20	1♑30	12°29	15° 3	27°21	10°29	4°29	9°24	22°42	17°35	15°31	17° 6	15°36	27°26	M17
T 18	4 26 39	5°43'16	16°20	11°17	16°18	28° 2	10°42	4°36	9°25	22°41	17°36	15°D30	17° 2	15°43	27°23	T 18
W19	4 30 35	6°44'13	0♒59	9°59	17°34	28°44	10°56	4°43	9°26	22°40	17°37	15°31	16°59	15°49	27°20	W19
T 20	4 34 32	7°45'10	15°22	8°37	18°49	29°25	11° 9	4°50	9°27	22°39	17°37	15°33	16°56	15°56	27°16	T 20
F 21	4 38 28	8°46'09	29°26	7°14	20° 4	0♓ 7	11°23	4°57	9°27	22°38	17°38	15°34	16°53	16° 3	27°13	F 21
S 22	4 42 25	9°47'07	13♓12	5°53	21°20	0°48	11°37	5° 4	9°28	22°37	17°39	15°R34	16°50	16° 9	27° 9	S 22
S 23	4 46 22	10°48'07	26°40	4°36	22°35	1°30	11°50	5°11	9°29	22°36	17°40	15°33	16°47	16°16	27° 6	S 23
M24	4 50 18	11°49'07	9♈51	3°26	23°50	2°11	12° 4	5°18	9°30	22°35	17°41	15°30	16°43	16°23	27° 3	M24
T 25	4 54 15	12°50'08	22°46	2°26	25° 5	2°53	12°18	5°25	9°30	22°34	17°42	15°26	16°40	16°29	26°59	T 25
W26	4 58 11	13°51'09	5♉28	1°35	26°21	3°35	12°31	5°32	9°31	22°33	17°42	15°20	16°37	16°36	26°56	W26
T 27	5 2 8	14°52'11	17°58	0°55	27°36	4°16	12°45	5°39	9°31	22°32	17°43	15°15	16°34	16°43	26°53	T 27
F 28	5 6 4	15°53'14	0♊17	0°26	28°51	4°58	12°58	5°46	9°32	22°31	17°44	15°10	16°31	16°49	26°49	F 28
S 29	5 10 1	16°54'17	12°26	0° 9	0♑ 7	5°40	13°12	5°53	9°32	22°30	17°45	15° 5	16°27	16°56	26°46	S 29
S 30	5 13 57	17♐55'21	24♊26	0°D 2	1♑22	6♓21	13♐26	6♐ 0	9♍32	22♈29	17♒46	15♑ 2	16♑24	17♋ 3	26♉43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17s23	24n21	3n27	24s43	2s37	18s50	0n13	17s38	1s47	21s 2	0n29	19s 8	1n38	8n55	0n45	7n18	1s49	25s 7	9s59	22s29	22s18	23n 9	15n58	3s59	S 1
S 2	17 39	25 20	2 35	24 49	2 35	19 11	0 11	17 24	1 45	21 4	0 29	19 9	1 38	8 54	0 45	7 17	1 49	25 7	9 59	22 30	22 18	23 7	15 57	3 59	S 2
M 3	17 56	25 6	1 37	24 54	2 32	19 30	0 9	17 10	1 43	21 7	0 29	19 10	1 38	8 53	0 45	7 17	1 49	25 7	9 59	22 30	22 18	23 6	15 56	3 59	M 3
T 4	18 12	23 43	0 35	24 56	2 29	19 50	0 6	16 56	1 41	21 9	0 29	19 12	1 38	8 53	0 45	7 16	1 49	25 7	9 59	22 31	22 19	23 4	15 55	3 59	T 4
W 5	18 27	21 17	0s29	24 57	2 24	20 8	0 4	16 41	1 39	21 11	0 29	19 13	1 38	8 52	0 45	7 16	1 49	25 6	9 58	22 31	22 19	23 2	15 54	4 0	W 5
T 6	18 43	17 59	1 31	24 56	2 18	20 26	0 1	16 27	1 37	21 14	0 29	19 15	1 38	8 51	0 45	7 15	1 49	25 6	9 58	22 30	22 20	23 1	15 53	4 0	T 6
F 7	18 58	13 55	2 30	24 52	2 11	20 44	0s 1	16 12	1 36	21 16	0 29	19 16	1 38	8 51	0 45	7 15	1 49	25 6	9 58	22 30	22 20	22 59	15 52	4 0	F 7
S 8	19 12	9 16	3 23	24 47	2 3	21 1	0 4	15 57	1 34	21 18	0 29	19 18	1 38	8 50	0 46	7 14	1 49	25 5	9 58	22 30	22 21	22 58	15 51	4 0	S 8
S 9	19 27	4 10	4 8	24 39	1 53	21 17	0 6	15 42	1 32	21 20	0 28	19 19	1 38	8 50	0 46	7 14	1 49	25 5	9 58	22 30	22 21	22 56	15 50	4 0	S 9
M10	19 41	1s13	4 42	24 29	1 42	21 33	0 8	15 27	1 30	21 22	0 28	19 20	1 38	8 49	0 46	7 13	1 49	25 5	9 57	22 31	22 21	22 54	15 50	4 0	M10
T 11	19 54	6 44	5 3	24 17	1 30	21 48	0 11	15 12	1 29	21 25	0 28	19 22	1 38	8 49	0 46	7 13	1 49	25 4	9 57	22 31	22 22	22 53	15 49	4 0	T 11
W12	20 7	12 7	5 8	24 2	1 16	22 2	0 13	14 57	1 27	21 27	0 28	19 23	1 38	8 48	0 46	7 12	1 49	25 4	9 57	22 32	22 22	22 51	15 48	4 0	W12
T 13	20 20	17 4	4 56	23 44	1 0	22 16	0 16	14 42	1 25	21 29	0 28	19 24	1 37	8 48	0 46	7 12	1 49	25 3	9 57	22 33	22 23	22 50	15 47	4 1	T 13
F 14	20 33	21 11	4 24	23 24	0 44	22 29	0 18	14 26	1 24	21 31	0 28	19 26	1 37	8 48	0 46	7 11	1 49	25 3	9 57	22 34	22 23	22 48	15 46	4 1	F 14
S 15	20 45	24 4	3 35	23 1	0 25	22 42	0 20	14 11	1 22	21 33	0 28	19 27	1 37	8 47	0 46	7 11	1 49	25 3	9 56	22 35	22 23	22 46	15 45	4 1	S 15
S 16	20 57	25 19	2 31	22 35	0 6	22 53	0 23	13 55	1 20	21 35	0 28	19 28	1 37	8 47	0 46	7 11	1 49	25 2	9 56	22 35	22 24	22 45	15 44	4 1	S 16
M17	21 8	24 45	1 15	22 7	0n14	23 5	0 25	13 39	1 19	21 37	0 28	19 30	1 37	8 46	0 46	7 10	1 49	25 2	9 56	22 36	22 24	22 43	15 44	4 1	M17
T 18	21 19	22 25	0n 5	21 37	0 34	23 15	0 28	13 23	1 17	21 39	0 28	19 31	1 37	8 46	0 46	7 10	1 49	25 1	9 56	22 36	22 25	22 41	15 43	4 1	T 18
W19	21 29	18 38	1 23	21 6	0 55	23 25	0 30	13 7	1 15	21 41	0 27	19 32	1 37	8 46	0 46	7 9	1 49	25 1	9 56	22 36	22 25	22 40	15 42	4 1	W19
T 20	21 39	13 48	2 36	20 34	1 15	23 34	0 32	12 51	1 14	21 43	0 27	19 34	1 37	8 46	0 46	7 9	1 49	25 1	9 55	22 35	22 25	22 38	15 41	4 1	T 20
F 21	21 49	8 19	3 37	20 2	1 33	23 42	0 35	12 35	1 12	21 45	0 27	19 35	1 37	8 45	0 46	7 9	1 49	25 0	9 55	22 35	22 26	22 36	15 40	4 1	F 21
S 22	21 58	2 33	4 24	19 32	1 50	23 50	0 37	12 19	1 10	21 47	0 27	19 36	1 37	8 45	0 46	7 8	1 49	25 0	9 55	22 35	22 26	22 35	15 40	4 1	S 22
S 23	22 7	3n11	4 56	19 3	2 6	23 56	0 39	12 2	1 9	21 49	0 27	19 38	1 37	8 45	0 46	7 8	1 48	24 59	9 55	22 35	22 27	22 33	15 39	4 1	S 23
M24	22 16	8 40	5 11	18 37	2 19	24 3	0 41	11 46	1 7	21 51	0 27	19 39	1 37	8 45	0 46	7 8	1 48	24 59	9 55	22 36	22 27	22 31	15 38	4 1	M24
T 25	22 24	13 40	5 10	18 15	2 30	24 8	0 44	11 30	1 6	21 53	0 27	19 40	1 37	8 44	0 46	7 7	1 48	24 58	9 55	22 36	22 27	22 30	15 37	4 1	T 25
W26	22 31	17 59	4 53	17 56	2 39	24 13	0 46	11 13	1 4	21 55	0 27	19 41	1 37	8 44	0 46	7 7	1 48	24 58	9 54	22 37	22 28	22 28	15 36	4 1	W26
T 27	22 38	21 26	4 23	17 42	2 45	24 17	0 48	10 56	1 3	21 56	0 27	19 43	1 37	8 44	0 46	7 7	1 48	24 58	9 54	22 38	22 28	22 26	15 36	4 1	T 27
F 28	22 45	23 52	3 41	17 32	2 49	24 20	0 50	10 40	1 1	21 58	0 27	19 44	1 37	8 44	0 46	7 7	1 48	24 57	9 54	22 38	22 29	22 25	15 35	4 1	F 28
S 29	22 51	25 9	2 49	17 26	2 51	24 22	0 52	10 23	1 0	22 0	0 27	19 45	1 37	8 44	0 46	7 6	1 48	24 57	9 54	22 39	22 29	22 23	15 34	4 1	S 29
S 30	22s57	25n14	1n51	17s24	2n52	24s24	0s54	10s 6	0s58	22s 2	0n27	19s46	1n37	8n44	0n46	7n 6	1s48	24s56	9s54	22s39	22s29	22n21	15n33	4s 1	S 30

Julian Day Number = 2285308.5, Delta T = 191.17 sec
Ecliptic obliquity = 23°29'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°23'20, Lahiri = 17°30'21 Julian Calendar 1 Nov. 1544 == Greg. Calendar 11 Nov. 1544

ASTRODIENST EPHEMERIS for the year 1544
geocentric

DECEMBER 1544 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 17 54	18♐56'26	6♋20	0♐ 5	2♑37	7♓ 3	13♐39	6♐ 7	9♍33	22°R29	17♒47	15°R 0	16♑21	17♋ 9	26°R40	M 1
T 2	5 21 51	19°57'31	18° 9	0°18	3°52	7°45	13°53	6°14	9°33	22♈28	17°48	15°D 0	16°18	17°16	26♉37	T 2
W 3	5 25 47	20°58'37	29°55	0°39	5° 8	8°27	14° 6	6°21	9°33	22°27	17°49	15♑ 1	16°15	17°22	26°34	W 3
T 4	5 29 44	21°59'44	11♌43	1° 8	6°23	9° 9	14°20	6°28	9°33	22°27	17°50	15° 2	16°12	17°29	26°31	T 4
F 5	5 33 40	23° 0'51	23°35	1°44	7°38	9°51	14°34	6°35	9°R33	22°26	17°52	15° 4	16° 8	17°36	26°28	F 5
S 6	5 37 37	24° 1'59	5♍37	2°26	8°53	10°33	14°47	6°42	9°33	22°25	17°53	15° 6	16° 5	17°42	26°25	S 6
S 7	5 41 33	25° 3'08	17°52	3°13	10° 8	11°15	15° 1	6°49	9°33	22°25	17°54	15° 7	16° 2	17°49	26°22	S 7
M 8	5 45 30	26° 4'17	0♎26	4° 6	11°24	11°57	15°14	6°56	9°33	22°24	17°55	15°R 7	15°59	17°56	26°19	M 8
T 9	5 49 27	27° 5'27	13°23	5° 3	12°39	12°39	15°28	7° 2	9°33	22°24	17°56	15° 6	15°56	18° 2	26°16	T 9
W10	5 53 23	28° 6'38	26°45	6° 3	13°54	13°21	15°41	7° 9	9°32	22°23	17°57	15° 4	15°53	18° 9	26°13	W10
T 11	5 57 20	29° 7'49	10♏36	7° 7	15° 9	14° 3	15°55	7°16	9°32	22°23	17°59	15° 2	15°49	18°16	26°10	T 11
F 12	6 1 16	0♑ 9'01	24°54	8°14	16°25	14°45	16° 8	7°23	9°32	22°22	18° 0	15° 0	15°46	18°22	26° 8	F 12
S 13	6 5 13	1°10'13	9♐36	9°23	17°40	15°27	16°22	7°29	9°31	22°22	18° 1	14°58	15°43	18°29	26° 5	S 13
S 14	6 9 9	2°11'25	24°37	10°35	18°55	16° 9	16°35	7°36	9°31	22°21	18° 2	14°57	15°40	18°36	26° 2	S 14
M15	6 13 6	3°12'38	9♑47	11°49	20°10	16°51	16°49	7°43	9°30	22°21	18° 4	14°D57	15°37	18°42	26° 0	M15
T 16	6 17 2	4°13'50	24°57	13° 4	21°25	17°33	17° 2	7°49	9°30	22°21	18° 5	14°57	15°33	18°49	25°57	T 16
W17	6 20 59	5°15'03	9♒58	14°22	22°40	18°15	17°15	7°56	9°29	22°21	18° 6	14°57	15°30	18°56	25°55	W17
T 18	6 24 56	6°16'15	24°42	15°40	23°56	18°57	17°29	8° 2	9°28	22°20	18° 8	14°58	15°27	19° 2	25°52	T 18
F 19	6 28 52	7°17'27	9♓ 4	17° 0	25°11	19°39	17°42	8° 9	9°28	22°20	18° 9	14°59	15°24	19° 9	25°50	F 19
S 20	6 32 49	8°18'38	23° 2	18°22	26°26	20°21	17°55	8°15	9°27	22°20	18°11	14°59	15°21	19°15	25°47	S 20
S 21	6 36 45	9°19'49	6♈34	19°44	27°41	21° 3	18° 8	8°22	9°26	22°20	18°12	15°R 0	15°18	19°22	25°45	S 21
M22	6 40 42	10°21'00	19°43	21° 7	28°56	21°46	18°21	8°28	9°25	22°20	18°13	15° 0	15°14	19°29	25°43	M22
T 23	6 44 38	11°22'10	2♉31	22°31	0♒11	22°28	18°35	8°35	9°24	22°20	18°15	14°59	15°11	19°35	25°41	T 23
W24	6 48 35	12°23'20	15° 1	23°56	1°26	23°10	18°48	8°41	9°23	22°D20	18°16	14°59	15° 8	19°42	25°39	W24
T 25	6 52 31	13°24'29	27°18	25°22	2°41	23°52	19° 1	8°47	9°22	22°20	18°18	14°59	15° 5	19°49	25°37	T 25
F 26	6 56 28	14°25'38	9♊23	26°48	3°56	24°34	19°14	8°53	9°21	22°20	18°19	14°59	15° 2	19°55	25°35	F 26
S 27	7 0 25	15°26'46	21°21	28°16	5°11	25°16	19°27	8°59	9°20	22°20	18°21	14°D59	14°59	20° 2	25°33	S 27
S 28	7 4 21	16°27'54	3♋12	29°43	6°26	25°58	19°40	9° 6	9°19	22°20	18°22	14°59	14°55	20° 9	25°31	S 28
M29	7 8 18	17°29'01	15° 1	1♑12	7°41	26°40	19°53	9°12	9°17	22°20	18°24	14°R59	14°52	20°15	25°29	M29
T 30	7 12 14	18°30'08	26°49	2°41	8°56	27°22	20° 5	9°18	9°16	22°21	18°25	14°59	14°49	20°22	25°28	T 30
W31	7 16 11	19♑31'14	8♌38	4♑11	10♒11	28♓ 4	20♐18	9♐24	9♍15	22♈21	18♒27	14♑58	14♑46	20♋29	25♉26	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	23 s 2	24n 8	0n48	17s26	2n51	24s25	0s56	9s49	0s57	22s 4	0n26	19s48	1n37	8n44	0n47	7n 6	1s48	24s56	9s54	22s39	22s30	22n19	15n33	4s 1
T 2	23 7	21 59	0s17	17 31	2 49	24 25	0 58	9 32	0 55	22 5	0 26	19 49	1 37	8 44	0 47	7 6	1 48	24 55	9 53	22 39	22 30	22 18	15 32	4 1
W 3	23 11	18 53	1 21	17 39	2 45	24 24	1 0	9 15	0 54	22 7	0 26	19 50	1 37	8 44	0 47	7 5	1 48	24 55	9 53	22 39	22 30	22 16	15 31	4 1
T 4	23 15	15 2	2 22	17 49	2 41	24 23	1 2	8 58	0 52	22 9	0 26	19 51	1 37	8 44	0 47	7 5	1 48	24 54	9 53	22 39	22 31	22 14	15 31	4 1
F 5	23 19	10 35	3 17	18 1	2 36	24 21	1 4	8 41	0 51	22 10	0 26	19 52	1 37	8 44	0 47	7 5	1 48	24 54	9 53	22 39	22 31	22 13	15 30	4 1
S 6	23 22	5 41	4 5	18 15	2 30	24 18	1 6	8 24	0 49	22 12	0 26	19 54	1 37	8 44	0 47	7 5	1 48	24 53	9 53	22 39	22 32	22 11	15 29	4 1
S 7	23 24	0 29	4 42	18 31	2 23	24 14	1 8	8 6	0 48	22 13	0 26	19 55	1 37	8 44	0 47	7 5	1 48	24 53	9 53	22 38	22 32	22 9	15 29	4 1
M 8	23 26	4s51	5 6	18 47	2 16	24 10	1 9	7 49	0 46	22 15	0 26	19 56	1 37	8 44	0 47	7 4	1 48	24 52	9 52	22 38	22 32	22 7	15 28	4 1
T 9	23 28	10 9	5 16	19 5	2 9	24 5	1 11	7 32	0 45	22 17	0 26	19 57	1 37	8 44	0 47	7 4	1 48	24 52	9 52	22 38	22 33	22 6	15 27	4 1
W10	23 29	15 9	5 10	19 23	2 1	23 59	1 13	7 14	0 44	22 18	0 26	19 58	1 37	8 44	0 47	7 4	1 48	24 51	9 52	22 39	22 33	22 4	15 27	4 1
T 11	23 30	19 33	4 46	19 41	1 53	23 52	1 14	6 57	0 42	22 20	0 26	19 59	1 37	8 44	0 47	7 4	1 48	24 51	9 52	22 39	22 34	22 2	15 26	4 1
F 12	23 30	22 58	4 3	20 0	1 45	23 45	1 16	6 39	0 41	22 21	0 26	20 0	1 37	8 45	0 47	7 4	1 47	24 50	9 52	22 39	22 34	22 0	15 26	4 1
S 13	23 30	24 58	3 4	20 19	1 37	23 37	1 17	6 22	0 40	22 23	0 26	20 1	1 37	8 45	0 47	7 4	1 47	24 49	9 52	22 39	22 34	21 58	15 25	4 1
S 14	23 29	25 14	1 51	20 37	1 29	23 28	1 19	6 4	0 38	22 24	0 25	20 2	1 37	8 45	0 47	7 4	1 47	24 49	9 52	22 39	22 35	21 57	15 25	4 1
M15	23 28	23 37	0 29	20 56	1 20	23 18	1 20	5 46	0 37	22 25	0 25	20 4	1 37	8 45	0 47	7 4	1 47	24 48	9 51	22 40	22 35	21 55	15 24	4 1
T 16	23 26	20 17	0n55	21 14	1 12	23 8	1 22	5 29	0 36	22 27	0 25	20 5	1 37	8 45	0 47	7 4	1 47	24 48	9 51	22 40	22 35	21 53	15 24	4 1
W17	23 24	15 38	2 15	21 32	1 4	22 57	1 23	5 11	0 34	22 28	0 25	20 6	1 37	8 46	0 47	7 4	1 47	24 47	9 51	22 39	22 36	21 51	15 23	4 0
T 18	23 21	10 7	3 24	21 49	0 55	22 45	1 24	4 53	0 33	22 29	0 25	20 7	1 37	8 46	0 47	7 4	1 47	24 47	9 51	22 39	22 36	21 49	15 23	4 0
F 19	23 18	4 12	4 18	22 5	0 47	22 33	1 25	4 36	0 32	22 31	0 25	20 8	1 37	8 46	0 47	7 4	1 47	24 46	9 51	22 39	22 36	21 48	15 22	4 0
S 20	23 14	1n44	4 55	22 21	0 39	22 20	1 27	4 18	0 31	22 32	0 25	20 9	1 37	8 47	0 47	7 4	1 47	24 46	9 51	22 39	22 37	21 46	15 22	4 0
S 21	23 10	7 25	5 15	22 35	0 31	22 6	1 28	4 0	0 29	22 33	0 25	20 10	1 37	8 47	0 47	7 4	1 47	24 45	9 51	22 39	22 37	21 44	15 21	4 0
M22	23 6	12 37	5 17	22 49	0 23	21 52	1 29	3 42	0 28	22 34	0 25	20 11	1 37	8 47	0 47	7 4	1 47	24 44	9 51	22 39	22 38	21 42	15 21	4 0
T 23	23 1	17 7	5 3	23 2	0 15	21 37	1 30	3 25	0 27	22 36	0 25	20 12	1 37	8 48	0 47	7 4	1 47	24 44	9 51	22 39	22 38	21 40	15 20	4 0
W24	22 55	20 46	4 35	23 15	0 7	21 22	1 30	3 7	0 26	22 37	0 25	20 12	1 37	8 48	0 48	7 4	1 47	24 43	9 50	22 39	22 38	21 39	15 20	4 0
T 25	22 49	23 25	3 55	23 26	0s 1	21 5	1 31	2 49	0 24	22 38	0 25	20 13	1 37	8 49	0 48	7 4	1 47	24 43	9 50	22 39	22 39	21 37	15 20	4 0
F 26	22 43	24 58	3 5	23 36	0 8	20 48	1 32	2 31	0 23	22 39	0 25	20 14	1 37	8 49	0 48	7 4	1 47	24 42	9 50	22 39	22 39	21 35	15 19	4 0
S 27	22 36	25 20	2 8	23 45	0 16	20 31	1 33	2 13	0 22	22 40	0 25	20 15	1 37	8 50	0 48	7 4	1 47	24 42	9 50	22 39	22 39	21 33	15 19	3 59
S 28	22 29	24 33	1 5	23 53	0 23	20 13	1 33	1 55	0 21	22 41	0 25	20 16	1 37	8 50	0 48	7 4	1 47	24 41	9 50	22 39	22 40	21 31	15 19	3 59
M29	22 21	22 39	0s 0	23 59	0 30	19 54	1 34	1 38	0 20	22 42	0 24	20 17	1 37	8 51	0 48	7 4	1 46	24 41	9 50	22 39	22 40	21 29	15 18	3 59
T 30	22 13	19 47	1 5	24 5	0 37	19 35	1 34	1 20	0 19	22 43	0 24	20 18	1 37	8 51	0 48	7 4	1 46	24 40	9 50	22 39	22 40	21 27	15 18	3 59
W31	22s 4	16n 6	2s 8	24s 9	0s43	19s15	1s35	1s 2	0s17	22s44	0n24	20s19	1n37	8n52	0n48	7n 4	1s46	24s39	9s50	22s39	22s41	21n26	15n18	3s59

Julian Day Number = 2285338.5, Delta T = 190.98 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°23'24, Lahiri = 17°30'25 Julian Calendar 1 Dec. 1544 == Greg. Calendar 11 Dec. 1544