Astrodienst Ephemeris Tables

for the year 1548

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 1548
geocentric

JANUARY 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 17 15	19♑47'30	28♍10	8♒30	22♑ 7	13♐21	10♓56	9♑33	23°R48	29♈ 5	22♒35	17°R44	16♏43	22♏35	17°R16	S 1
M 2	7 21 12	20°48'36	10♎31	9°35	23°22	14° 3	11° 8	9°39	23♍47	29° 5	22°37	17♏41	16°40	22°41	17♊13	M 2
T 3	7 25 8	21°49'42	22°35	10°33	24°37	14°46	11°19	9°46	23°46	29° 5	22°38	17°D40	16°37	22°48	17°10	T 3
W 4	7 29 5	22°50'47	4♏28	11°24	25°53	15°29	11°31	9°53	23°45	29° 5	22°40	17°41	16°34	22°54	17° 7	W 4
T 5	7 33 1	23°51'52	16°15	12° 7	27° 8	16°12	11°43	10° 0	23°44	29° 5	22°41	17°R41	16°31	23° 1	17° 4	T 5
F 6	7 36 58	24°52'57	28° 2	12°42	28°24	16°55	11°55	10° 7	23°44	29° 5	22°43	17°41	16°28	23° 8	17° 1	F 6
S 7	7 40 55	25°54'01	9♐53	13° 6	29°39	17°38	12° 7	10°14	23°43	29° 6	22°44	17°38	16°24	23°14	16°59	S 7
S 8	7 44 51	26°55'04	21°53	13°20	0♒54	18°21	12°20	10°21	23°42	29° 6	22°46	17°33	16°21	23°21	16°56	S 8
M 9	7 48 48	27°56'07	4♑ 5	13°R23	2°10	19° 4	12°32	10°28	23°41	29° 6	22°48	17°25	16°18	23°28	16°53	M 9
T 10	7 52 44	28°57'10	16°32	13°15	3°25	19°47	12°44	10°35	23°39	29° 6	22°49	17°15	16°15	23°34	16°51	T 10
W11	7 56 41	29°58'11	29°13	12°55	4°41	20°30	12°57	10°42	23°38	29° 7	22°51	17° 2	16°12	23°41	16°48	W11
T 12	8 0 37	0♒59'11	12♒ 8	12°24	5°56	21°13	13° 9	10°48	23°37	29° 7	22°52	16°49	16° 9	23°48	16°46	T 12
F 13	8 4 34	2° 0'11	25°17	11°42	7°11	21°56	13°22	10°55	23°36	29° 8	22°54	16°36	16° 5	23°54	16°43	F 13
S 14	8 8 30	3° 1'09	8♓39	10°51	8°26	22°39	13°35	11° 2	23°34	29° 8	22°56	16°25	16° 2	24° 1	16°41	S 14
S 15	8 12 27	4° 2'06	22°10	9°51	9°42	23°22	13°47	11° 9	23°33	29° 9	22°57	16°16	15°59	24° 8	16°39	S 15
M16	8 16 24	5° 3'02	5♈50	8°45	10°57	24° 6	14° 0	11°15	23°32	29° 9	22°59	16°11	15°56	24°14	16°37	M16
T 17	8 20 20	6° 3'56	19°39	7°34	12°12	24°49	14°13	11°22	23°30	29°10	23° 1	16° 8	15°53	24°21	16°35	T 17
W18	8 24 17	7° 4'49	3♉35	6°21	13°28	25°32	14°26	11°29	23°29	29°10	23° 2	16°D 7	15°49	24°28	16°33	W18
T 19	8 28 13	8° 5'41	17°38	5° 7	14°43	26°15	14°39	11°35	23°27	29°11	23° 4	16°R 7	15°46	24°34	16°31	T 19
F 20	8 32 10	9° 6'31	1♊49	3°55	15°58	26°59	14°52	11°42	23°26	29°12	23° 6	16° 6	15°43	24°41	16°29	F 20
S 21	8 36 6	10° 7'20	16° 5	2°47	17°13	27°42	15° 5	11°48	23°24	29°12	23° 7	16° 4	15°40	24°47	16°27	S 21
S 22	8 40 3	11° 8'08	0♋24	1°44	18°29	28°26	15°19	11°55	23°22	29°13	23° 9	15°59	15°37	24°54	16°25	S 22
M23	8 43 59	12° 8'53	14°43	0°47	19°44	29° 9	15°32	12° 1	23°21	29°14	23°11	15°51	15°34	25° 1	16°24	M23
T 24	8 47 56	13° 9'38	28°56	29♑57	20°59	29°52	15°45	12° 8	23°19	29°15	23°12	15°40	15°30	25° 7	16°22	T 24
W25	8 51 53	14°10'21	12♌58	29°14	22°14	0♑36	15°59	12°14	23°17	29°15	23°14	15°27	15°27	25°14	16°21	W25
T 26	8 55 49	15°11'02	26°43	28°40	23°29	1°20	16°12	12°20	23°15	29°16	23°16	15°14	15°24	25°21	16°19	T 26
F 27	8 59 46	16°11'42	10♍ 9	28°14	24°44	2° 3	16°26	12°27	23°13	29°17	23°17	15° 2	15°21	25°27	16°18	F 27
S 28	9 3 42	17°12'21	23°13	27°56	25°59	2°47	16°39	12°33	23°11	29°18	23°19	14°52	15°18	25°34	16°17	S 28
S 29	9 7 39	18°12'59	5♎54	27°46	27°14	3°30	16°53	12°39	23° 9	29°19	23°21	14°44	15°15	25°41	16°16	S 29
M30	9 11 35	19°13'35	18°16	27°D43	28°30	4°14	17° 6	12°45	23° 7	29°20	23°22	14°40	15°11	25°47	16°15	M30
T 31	9 15 32	20♒14'11	0♏22	27♑47	29♒45	4♑58	17♓20	12♑51	23♍ 5	29♈21	23♒24	14♏37	15♏ 8	25♏54	16♊14	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	22s 2	2s50	3s53	18s50	0s40	22s39	0s59	22s34	0s 6	8s33	1s 9	22s43	0n27	3n11	0n47	9n29	1s49	24s12	10s49	17s 9	16s52	17s57	16n51	6s 4
M 2	21 53	7 0	3 5	18 20	0 27	22 28	1 0	22 40	0 7	8 28	1 9	22 42	0 26	3 11	0 47	9 29	1 49	24 12	10 49	17 9	16 52	17 58	16 50	6 4
T 3	21 43	10 49	2 10	17 51	0 13	22 16	1 2	22 45	0 8	8 23	1 9	22 42	0 26	3 12	0 47	9 29	1 49	24 11	10 49	17 9	16 51	17 59	16 50	6 4
W 4	21 33	14 8	1 10	17 23	0n 1	22 4	1 4	22 51	0 9	8 19	1 8	22 41	0 26	3 12	0 47	9 29	1 49	24 10	10 49	17 9	16 50	18 0	16 50	6 4
T 5	21 23	16 52	0 8	16 56	0 17	21 51	1 5	22 56	0 9	8 14	1 8	22 41	0 26	3 13	0 47	9 29	1 49	24 10	10 49	17 9	16 49	18 0	16 50	6 3
F 6	21 12	18 53	0n55	16 30	0 34	21 37	1 7	23 1	0 10	8 9	1 8	22 40	0 26	3 13	0 47	9 29	1 48	24 9	10 48	17 9	16 48	18 1	16 50	6 3
S 7	21 1	20 5	1 55	16 7	0 51	21 23	1 9	23 6	0 11	8 5	1 8	22 40	0 26	3 13	0 47	9 29	1 48	24 9	10 48	17 8	16 47	18 2	16 50	6 3
S 8	20 49	20 24	2 51	15 46	1 8	21 8	1 10	23 10	0 11	8 0	1 8	22 39	0 26	3 14	0 47	9 29	1 48	24 8	10 48	17 7	16 46	18 3	16 50	6 3
M 9	20 37	19 46	3 40	15 28	1 26	20 53	1 11	23 15	0 12	7 55	1 8	22 39	0 26	3 14	0 47	9 30	1 48	24 7	10 48	17 4	16 45	18 4	16 50	6 2
T 10	20 25	18 10	4 20	15 13	1 45	20 37	1 13	23 19	0 13	7 50	1 8	22 38	0 26	3 15	0 47	9 30	1 48	24 7	10 48	17 1	16 44	18 4	16 50	6 2
W11	20 12	15 41	4 47	15 1	2 2	20 20	1 14	23 23	0 14	7 45	1 8	22 38	0 26	3 15	0 47	9 30	1 48	24 6	10 48	16 58	16 43	18 5	16 50	6 2
T 12	19 59	12 23	5 0	14 53	2 20	20 3	1 15	23 27	0 14	7 40	1 8	22 38	0 26	3 16	0 47	9 30	1 48	24 6	10 48	16 54	16 42	18 6	16 50	6 2
F 13	19 46	8 27	4 58	14 49	2 36	19 45	1 17	23 30	0 15	7 35	1 7	22 37	0 26	3 16	0 47	9 30	1 48	24 5	10 48	16 50	16 42	18 7	16 50	6 1
S 14	19 32	4 2	4 39	14 48	2 51	19 27	1 18	23 33	0 16	7 31	1 7	22 37	0 26	3 17	0 47	9 31	1 48	24 4	10 48	16 47	16 41	18 8	16 50	6 1
S 15	19 18	0n38	4 5	14 51	3 5	19 8	1 19	23 36	0 17	7 25	1 7	22 36	0 26	3 17	0 47	9 31	1 48	24 4	10 48	16 45	16 40	18 8	16 50	6 1
M16	19 3	5 19	3 16	14 57	3 17	18 48	1 20	23 39	0 17	7 20	1 7	22 36	0 26	3 18	0 47	9 31	1 48	24 3	10 48	16 43	16 39	18 9	16 51	6 1
T 17	18 48	9 47	2 15	15 6	3 26	18 28	1 21	23 42	0 18	7 15	1 7	22 35	0 26	3 19	0 47	9 31	1 48	24 3	10 48	16 42	16 38	18 10	16 51	6 0
W18	18 33	13 46	1 6	15 17	3 33	18 7	1 22	23 44	0 19	7 10	1 7	22 34	0 26	3 19	0 47	9 32	1 48	24 2	10 48	16 42	16 37	18 11	16 51	6 0
T 19	18 17	17 0	0s 8	15 30	3 38	17 46	1 23	23 46	0 20	7 5	1 7	22 34	0 25	3 20	0 47	9 32	1 48	24 1	10 48	16 42	16 36	18 12	16 51	6 0
F 20	18 1	19 14	1 22	15 45	3 40	17 25	1 23	23 48	0 21	7 0	1 7	22 33	0 25	3 20	0 47	9 32	1 48	24 1	10 48	16 42	16 35	18 12	16 51	5 59
S 21	17 45	20 15	2 31	16 1	3 40	17 3	1 24	23 50	0 21	6 55	1 7	22 33	0 25	3 21	0 47	9 32	1 48	24 0	10 48	16 41	16 34	18 13	16 51	5 59
S 22	17 28	19 58	3 31	16 17	3 38	16 40	1 25	23 51	0 22	6 50	1 7	22 32	0 25	3 22	0 47	9 33	1 47	24 0	10 48	16 40	16 33	18 14	16 51	5 59
M23	17 12	18 25	4 18	16 34	3 33	16 17	1 25	23 52	0 23	6 44	1 7	22 32	0 25	3 23	0 48	9 33	1 47	23 59	10 48	16 37	16 32	18 15	16 51	5 58
T 24	16 54	15 43	4 48	16 50	3 27	15 54	1 26	23 53	0 24	6 39	1 7	22 31	0 25	3 23	0 48	9 33	1 47	23 59	10 48	16 34	16 31	18 15	16 52	5 58
W25	16 37	12 10	5 0	17 7	3 19	15 30	1 26	23 54	0 24	6 34	1 6	22 31	0 25	3 24	0 48	9 34	1 47	23 58	10 48	16 30	16 30	18 16	16 52	5 58
T 26	16 19	8 1	4 54	17 22	3 10	15 5	1 27	23 55	0 25	6 29	1 6	22 30	0 25	3 25	0 48	9 34	1 47	23 57	10 48	16 27	16 30	18 17	16 52	5 57
F 27	16 1	3 35	4 32	17 37	3 0	14 41	1 27	23 55	0 26	6 23	1 6	22 30	0 25	3 26	0 48	9 35	1 47	23 57	10 48	16 23	16 29	18 18	16 52	5 57
S 28	15 43	0s55	3 57	17 51	2 49	14 15	1 27	23 55	0 27	6 18	1 6	22 29	0 25	3 26	0 48	9 35	1 47	23 56	10 48	16 20	16 28	18 18	16 52	5 57
S 29	15 24	5 15	3 10	18 4	2 38	13 50	1 28	23 55	0 28	6 12	1 6	22 29	0 25	3 27	0 48	9 35	1 47	23 56	10 48	16 18	16 27	18 19	16 53	5 56
M30	15 6	9 15	2 15	18 17	2 26	13 24	1 28	23 54	0 28	6 7	1 6	22 28	0 25	3 28	0 48	9 36	1 47	23 55	10 48	16 16	16 26	18 20	16 53	5 56
T 31	14s46	12s48	1s15	18s28	2n14	12s58	1s28	23s53	0s29	6s 2	1s 6	22s28	0n25	3n29	0n48	9n36	1s47	23s55	10s48	16s16	16s25	18s20	16n53	5s56

Julian Day Number = 2286464.5, Delta T = 184.21 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°25'59, Lahiri = 17°33'00 Julian Calendar 1 Jan. 1548 == Greg. Calendar 11 Jan. 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

FEBRUARY 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 19 28	21♒14'45	12♏17	27♑58	1♓ 0	5♑41	17♓34	12♑58	23°R 3	29♈22	23♒26	14°D37	15♏ 5	26♏ 1	16°R13	W 1
T 2	9 23 25	22°15'17	24° 6	28°15	2°15	6°25	17°48	13° 4	23♍ 1	29°23	23°28	14°R37	15° 2	26° 7	16♊12	T 2
F 3	9 27 22	23°15'49	5♐54	28°38	3°30	7° 9	18° 2	13°10	22°59	29°24	23°29	14♏36	14°59	26°14	16°11	F 3
S 4	9 31 18	24°16'19	17°47	29° 7	4°45	7°53	18°15	13°15	22°57	29°26	23°31	14°34	14°55	26°21	16°10	S 4
S 5	9 35 15	25°16'48	29°50	29°40	6° 0	8°37	18°29	13°21	22°55	29°27	23°33	14°30	14°52	26°27	16°10	S 5
M 6	9 39 11	26°17'15	12♑ 8	0♒17	7°15	9°20	18°43	13°27	22°53	29°28	23°34	14°22	14°49	26°34	16° 9	M 6
T 7	9 43 8	27°17'41	24°43	0°59	8°30	10° 4	18°57	13°33	22°50	29°29	23°36	14°12	14°46	26°40	16° 9	T 7
W 8	9 47 4	28°18'05	7♒38	1°45	9°44	10°48	19°11	13°39	22°48	29°30	23°38	14° 1	14°43	26°47	16° 9	W 8
T 9	9 51 1	29°18'28	20°52	2°35	10°59	11°32	19°26	13°44	22°46	29°32	23°39	13°48	14°40	26°54	16° 8	T 9
F 10	9 54 57	0♓18'49	4♓24	3°27	12°14	12°16	19°40	13°50	22°43	29°33	23°41	13°35	14°36	27° 0	16° 8	F 10
S 11	9 58 54	1°19'08	18°11	4°23	13°29	13° 0	19°54	13°55	22°41	29°34	23°43	13°25	14°33	27° 7	16°D 8	S 11
S 12	10 2 51	2°19'26	2♈ 9	5°22	14°44	13°44	20° 8	14° 1	22°39	29°36	23°45	13°16	14°30	27°14	16° 8	S 12
M13	10 6 47	3°19'41	16°13	6°23	15°59	14°28	20°22	14° 6	22°36	29°37	23°46	13°11	14°27	27°20	16° 8	M13
T 14	10 10 44	4°19'55	0♉21	7°27	17°13	15°12	20°36	14°12	22°34	29°39	23°48	13° 8	14°24	27°27	16° 9	T 14
W15	10 14 40	5°20'06	14°30	8°33	18°28	15°56	20°51	14°17	22°31	29°40	23°50	13°D 8	14°20	27°34	16° 9	W15
T 16	10 18 37	6°20'15	28°37	9°42	19°43	16°40	21° 5	14°22	22°29	29°42	23°51	13° 8	14°17	27°40	16° 9	T 16
F 17	10 22 33	7°20'23	12♊43	10°52	20°58	17°25	21°19	14°27	22°27	29°43	23°53	13°R 8	14°14	27°47	16°10	F 17
S 18	10 26 30	8°20'28	26°46	12° 5	22°12	18° 9	21°34	14°33	22°24	29°45	23°55	13° 6	14°11	27°54	16°10	S 18
S 19	10 30 26	9°20'31	10♋44	13°19	23°27	18°53	21°48	14°38	22°22	29°46	23°56	13° 3	14° 8	28° 0	16°11	S 19
M20	10 34 23	10°20'31	24°38	14°35	24°42	19°37	22° 2	14°43	22°19	29°48	23°58	12°56	14° 5	28° 7	16°11	M20
T 21	10 38 20	11°20'30	8♌23	15°53	25°56	20°21	22°17	14°47	22°16	29°49	24° 0	12°48	14° 1	28°14	16°12	T 21
W22	10 42 16	12°20'26	21°58	17°12	27°11	21° 6	22°31	14°52	22°14	29°51	24° 1	12°38	13°58	28°20	16°13	W22
T 23	10 46 13	13°20'21	5♍20	18°33	28°25	21°50	22°46	14°57	22°11	29°53	24° 3	12°27	13°55	28°27	16°14	T 23
F 24	10 50 9	14°20'13	18°26	19°55	29°40	22°34	23° 0	15° 2	22° 9	29°54	24° 5	12°17	13°52	28°33	16°15	F 24
S 25	10 54 6	15°20'03	1♎16	21°19	0♈54	23°19	23°14	15° 6	22° 6	29°56	24° 6	12° 9	13°49	28°40	16°16	S 25
S 26	10 58 2	16°19'52	13°49	22°44	2° 9	24° 3	23°29	15°11	22° 4	29°58	24° 8	12° 2	13°46	28°47	16°17	S 26
M27	11 1 59	17°19'38	26° 6	24°11	3°23	24°47	23°43	15°16	22° 1	29°59	24° 9	11°59	13°42	28°53	16°19	M27
T 28	11 5 55	18°19'23	8♏10	25°39	4°38	25°32	23°58	15°20	21°58	0♉ 1	24°11	11°D57	13°39	29° 0	16°20	T 28
W29	11 9 52	19♓19'06	20♏ 5	27♒ 8	5♈52	26♑16	24♓12	15♑24	21♍56	0♉ 3	24♒13	11♏57	13♏36	29♏ 7	16♊21	W29

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	14s27	15s45	0s12	18s38	2n 2	12s31	1s28	23s52	0s30	5s56	1s 6	22s27	0n25	3n30	0n48	9n37	1s47	23s54	10s48	16s16	16s24	18s21	16n53	5s55
T 2	14 8	18 2	0n50	18 46	1 49	12 4	1 28	23 51	0 31	5 51	1 6	22 27	0 25	3 30	0 48	9 37	1 47	23 53	10 48	16 16	16 23	18 22	16 54	5 55
F 3	13 48	19 32	1 50	18 54	1 37	11 37	1 28	23 50	0 32	5 45	1 6	22 26	0 25	3 31	0 48	9 37	1 47	23 53	10 48	16 15	16 22	18 23	16 54	5 54
S 4	13 28	20 10	2 46	19 0	1 25	11 9	1 28	23 48	0 32	5 40	1 6	22 25	0 25	3 32	0 48	9 38	1 47	23 52	10 48	16 15	16 21	18 23	16 54	5 54
S 5	13 8	19 54	3 35	19 5	1 13	10 41	1 27	23 46	0 33	5 34	1 6	22 25	0 25	3 33	0 48	9 38	1 47	23 52	10 48	16 14	16 20	18 24	16 55	5 54
M 6	12 47	18 42	4 16	19 9	1 1	10 13	1 27	23 44	0 34	5 29	1 6	22 24	0 25	3 34	0 48	9 39	1 47	23 51	10 48	16 11	16 19	18 25	16 55	5 53
T 7	12 26	16 34	4 44	19 11	0 49	9 45	1 27	23 42	0 35	5 23	1 6	22 24	0 25	3 35	0 48	9 39	1 47	23 51	10 48	16 8	16 18	18 25	16 55	5 53
W 8	12 6	13 35	4 59	19 12	0 38	9 16	1 26	23 39	0 36	5 18	1 6	22 23	0 25	3 36	0 48	9 40	1 47	23 50	10 48	16 5	16 17	18 26	16 56	5 53
T 9	11 45	9 51	4 59	19 12	0 27	8 47	1 26	23 36	0 37	5 12	1 6	22 23	0 24	3 37	0 48	9 40	1 46	23 50	10 48	16 1	16 16	18 27	16 56	5 52
F 10	11 23	5 32	4 42	19 10	0 16	8 18	1 25	23 33	0 37	5 6	1 6	22 22	0 24	3 38	0 48	9 41	1 46	23 49	10 48	15 57	16 16	18 27	16 56	5 52
S 11	11 2	0 52	4 8	19 7	0 5	7 49	1 25	23 30	0 38	5 1	1 6	22 22	0 24	3 39	0 48	9 41	1 46	23 49	10 48	15 54	16 15	18 28	16 57	5 51
S 12	10 40	3n54	3 19	19 3	0s 5	7 19	1 24	23 26	0 39	4 55	1 5	22 21	0 24	3 40	0 48	9 42	1 46	23 48	10 49	15 52	16 14	18 29	16 57	5 51
M13	10 19	8 31	2 18	18 58	0 15	6 49	1 23	23 22	0 40	4 50	1 5	22 21	0 24	3 41	0 48	9 42	1 46	23 48	10 49	15 50	16 13	18 29	16 58	5 51
T 14	9 57	12 40	1 7	18 51	0 24	6 19	1 22	23 18	0 41	4 44	1 5	22 20	0 24	3 42	0 48	9 43	1 46	23 47	10 49	15 49	16 12	18 30	16 58	5 50
W15	9 35	16 7	0s 7	18 42	0 34	5 49	1 22	23 14	0 42	4 38	1 5	22 20	0 24	3 42	0 48	9 44	1 46	23 47	10 49	15 49	16 11	18 31	16 58	5 50
T 16	9 12	18 34	1 22	18 33	0 42	5 19	1 21	23 9	0 42	4 33	1 5	22 19	0 24	3 43	0 48	9 44	1 46	23 46	10 49	15 49	16 10	18 31	16 59	5 49
F 17	8 50	19 53	2 31	18 22	0 51	4 49	1 20	23 5	0 43	4 27	1 5	22 19	0 24	3 44	0 48	9 45	1 46	23 46	10 49	15 49	16 9	18 32	16 59	5 49
S 18	8 28	19 57	3 31	18 9	0 59	4 18	1 18	23 0	0 44	4 21	1 5	22 18	0 24	3 45	0 48	9 45	1 46	23 45	10 49	15 49	16 8	18 33	17 0	5 49
S 19	8 5	18 47	4 17	17 56	1 7	3 47	1 17	22 54	0 45	4 16	1 5	22 18	0 24	3 46	0 48	9 46	1 46	23 45	10 49	15 47	16 7	18 33	17 0	5 48
M20	7 42	16 31	4 49	17 41	1 14	3 17	1 16	22 49	0 46	4 10	1 5	22 17	0 24	3 47	0 48	9 46	1 46	23 44	10 49	15 46	16 6	18 34	17 1	5 48
T 21	7 20	13 20	5 3	17 24	1 21	2 46	1 15	22 43	0 47	4 4	1 5	22 17	0 24	3 48	0 48	9 47	1 46	23 44	10 49	15 43	16 5	18 35	17 1	5 48
W22	6 57	9 29	5 0	17 7	1 28	2 15	1 14	22 37	0 48	3 58	1 5	22 16	0 24	3 50	0 48	9 48	1 46	23 43	10 50	15 40	16 4	18 35	17 1	5 47
T 23	6 34	5 14	4 40	16 47	1 34	1 44	1 12	22 31	0 48	3 53	1 5	22 16	0 24	3 51	0 48	9 48	1 46	23 43	10 50	15 37	16 3	18 36	17 2	5 47
F 24	6 11	0 48	4 6	16 27	1 40	1 13	1 11	22 25	0 49	3 47	1 5	22 15	0 24	3 52	0 48	9 49	1 46	23 43	10 50	15 34	16 2	18 37	17 2	5 46
S 25	5 48	3s34	3 20	16 5	1 45	0 42	1 9	22 18	0 50	3 41	1 5	22 15	0 24	3 53	0 48	9 50	1 46	23 42	10 50	15 31	16 1	18 37	17 3	5 46
S 26	5 24	7 41	2 25	15 42	1 50	0 11	1 8	22 11	0 51	3 36	1 5	22 14	0 24	3 54	0 48	9 50	1 46	23 42	10 50	15 29	16 0	18 38	17 3	5 46
M27	5 1	11 25	1 24	15 18	1 55	0n20	1 6	22 4	0 52	3 30	1 5	22 14	0 24	3 55	0 48	9 51	1 46	23 41	10 50	15 28	15 59	18 38	17 4	5 45
T 28	4 38	14 35	0 20	14 52	1 59	0 51	1 5	21 57	0 53	3 24	1 5	22 13	0 24	3 56	0 48	9 52	1 46	23 41	10 50	15 27	15 58	18 39	17 4	5 45
W29	4s14	17s 6	0n44	14s25	2s 3	1n22	1s 3	21s50	0s54	3s18	1s 5	22s13	0n24	3n57	0n48	9n52	1s46	23s40	10s51	15s28	15s58	18s40	17n 5	5s44

Julian Day Number = 2286495.5, Delta T = 184.02 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'03, Lahiri = 17°33'04 Julian Calendar 1 Feb. 1548 == Greg. Calendar 11 Feb. 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

MARCH 1548 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 13 48	20♓18'48	1♐54	28♒39	7♈ 6	27♉ 0	24♓27	15♉29	21°R53	0♉ 5	24♒14	11♏59	13♏33	29♏13	16♊23	T 1
F 2	11 17 45	21°18'27	13°43	0♓11	8°21	27°45	24°41	15°33	21♍51	0° 7	24°16	12° 0	13°30	29°20	16°25	F 2
S 3	11 21 42	22°18'05	25°36	1°45	9°35	28°29	24°56	15°37	21°48	0° 9	24°17	12°R 0	13°26	29°27	16°26	S 3
S 4	11 25 38	23°17'41	7♉40	3°19	10°49	29°14	25°10	15°41	21°45	0°11	24°19	11°59	13°23	29°33	16°28	S 4
M 5	11 29 35	24°17'15	19°59	4°55	12° 3	29°58	25°25	15°45	21°43	0°12	24°20	11°55	13°20	29°40	16°30	M 5
T 6	11 33 31	25°16'48	2♒37	6°32	13°18	0♒43	25°39	15°49	21°40	0°14	24°22	11°50	13°17	29°47	16°32	T 6
W 7	11 37 28	26°16'19	15°38	8°11	14°32	1°28	25°54	15°53	21°38	0°16	24°23	11°44	13°14	29°53	16°34	W 7
T 8	11 41 24	27°15'47	29° 2	9°51	15°46	2°12	26° 8	15°56	21°35	0°18	24°25	11°36	13°11	29°59	16°36	T 8
F 9	11 45 21	28°15'14	12♓48	11°32	17° 0	2°57	26°23	16° 0	21°32	0°20	24°26	11°29	13° 7	0♐ 7	16°38	F 9
S 10	11 49 17	29°14'39	26°55	13°14	18°14	3°41	26°37	16° 3	21°30	0°22	24°28	11°22	13° 4	0°13	16°40	S 10
S 11	11 53 14	0♈14'02	11♈17	14°58	19°28	4°26	26°52	16° 7	21°27	0°24	24°29	11°17	13° 1	0°20	16°43	S 11
M12	11 57 11	1°13'22	25°48	16°43	20°42	5°10	27° 7	16°10	21°25	0°26	24°31	11°14	12°58	0°27	16°45	M12
T 13	12 1 7	2°12'41	10♉22	18°30	21°56	5°55	27°21	16°14	21°22	0°28	24°32	11°D13	12°55	0°33	16°47	T 13
W14	12 5 4	3°11'57	24°54	20°18	23°10	6°40	27°35	16°17	21°19	0°30	24°33	11°14	12°52	0°40	16°50	W14
T 15	12 9 0	4°11'11	9♊19	22° 7	24°24	7°24	27°50	16°20	21°17	0°32	24°35	11°15	12°48	0°46	16°53	T 15
F 16	12 12 57	5°10'23	23°34	23°58	25°38	8° 9	28° 4	16°23	21°14	0°34	24°36	11°17	12°45	0°53	16°55	F 16
S 17	12 16 53	6° 9'32	7♋38	25°50	26°52	8°54	28°19	16°26	21°12	0°37	24°38	11°R17	12°42	1° 0	16°58	S 17
S 18	12 20 50	7° 8'39	21°28	27°43	28° 5	9°38	28°33	16°29	21° 9	0°39	24°39	11°16	12°39	1° 6	17° 1	S 18
M19	12 24 46	8° 7'43	5♌ 5	29°38	29°19	10°23	28°48	16°32	21° 7	0°41	24°40	11°14	12°36	1°13	17° 4	M19
T 20	12 28 43	9° 6'46	18°29	1♈34	0♉33	11° 8	29° 2	16°34	21° 5	0°43	24°42	11°10	12°32	1°20	17° 7	T 20
W21	12 32 40	10° 5'45	1♍40	3°32	1°46	11°52	29°17	16°37	21° 2	0°45	24°43	11° 5	12°29	1°26	17°10	W21
T 22	12 36 36	11° 4'43	14°38	5°30	3° 0	12°37	29°31	16°39	21° 0	0°47	24°44	11° 0	12°26	1°33	17°13	T 22
F 23	12 40 33	12° 3'38	27°22	7°31	4°14	13°22	29°45	16°42	20°57	0°49	24°45	10°55	12°23	1°40	17°16	F 23
S 24	12 44 29	13° 2'32	9♎53	9°32	5°27	14° 7	29°59	16°44	20°55	0°51	24°47	10°51	12°20	1°46	17°19	S 24
S 25	12 48 26	14° 1'23	22°12	11°34	6°41	14°51	0♈14	16°46	20°53	0°54	24°48	10°49	12°17	1°53	17°22	S 25
M26	12 52 22	15° 0'12	4♏20	13°38	7°54	15°36	0°28	16°48	20°50	0°56	24°49	10°47	12°13	2° 0	17°26	M26
T 27	12 56 19	15°59'00	16°18	15°43	9° 8	16°21	0°42	16°50	20°48	0°58	24°50	10°D47	12°10	2° 6	17°29	T 27
W28	13 0 15	16°57'45	28°10	17°48	10°21	17° 6	0°57	16°52	20°46	1° 0	24°51	10°48	12° 7	2°13	17°33	W28
T 29	13 4 12	17°56'29	9♐59	19°54	11°34	17°50	1°11	16°54	20°43	1° 2	24°52	10°50	12° 4	2°20	17°36	T 29
F 30	13 8 8	18°55'11	21°48	22° 1	12°48	18°35	1°25	16°56	20°41	1° 5	24°54	10°52	12° 1	2°26	17°40	F 30
S 31	13 12 5	19♈53'51	3♉42	24♈ 8	14♉ 1	19♒20	1♈39	16♉58	20♍39	1♉ 7	24♒55	10♏53	11♏57	2♐33	17♊44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl	lat
T 1	3s51	18s52	1n45	13s56	2s 6	1n54	1s 1	21s42	0s54	3s13	1s 5	22s12	0n24	3n58	0n48	9n53	1s46	23s40	10s51	15s28	15s57	18s40	17n 6	5s44
F 2	3 27	19 48	2 43	13 27	2 9	2 25	0 59	21 34	0 55	3 7	1 5	22 12	0 24	3 59	0 48	9 54	1 45	23 40	10 51	15 28	15 56	18 41	17 6	5 44
S 3	3 4	19 52	3 33	12 56	2 11	2 56	0 57	21 26	0 56	3 1	1 5	22 11	0 23	4 0	0 48	9 54	1 45	23 39	10 51	15 28	15 55	18 41	17 7	5 43
S 4	2 40	19 1	4 15	12 23	2 14	3 27	0 55	21 17	0 57	2 55	1 5	22 11	0 23	4 1	0 48	9 55	1 45	23 39	10 51	15 28	15 54	18 42	17 7	5 43
M 5	2 16	17 17	4 47	11 50	2 15	3 57	0 53	21 9	0 58	2 49	1 5	22 11	0 23	4 2	0 48	9 56	1 45	23 39	10 51	15 27	15 53	18 43	17 8	5 43
T 6	1 53	14 40	5 5	11 15	2 16	4 28	0 51	21 0	0 59	2 44	1 5	22 10	0 23	4 3	0 48	9 56	1 45	23 38	10 52	15 25	15 52	18 43	17 8	5 42
W 7	1 29	11 17	5 8	10 38	2 17	4 59	0 49	20 51	1 0	2 38	1 5	22 10	0 23	4 4	0 48	9 57	1 45	23 38	10 52	15 23	15 51	18 44	17 9	5 42
T 8	1 5	7 14	4 55	10 1	2 17	5 29	0 47	20 42	1 1	2 32	1 5	22 9	0 23	4 5	0 48	9 58	1 45	23 38	10 52	15 21	15 50	18 44	17 9	5 41
F 9	0 42	2 42	4 24	9 22	2 17	6 0	0 45	20 33	1 1	2 26	1 5	22 9	0 23	4 6	0 48	9 58	1 45	23 37	10 52	15 19	15 49	18 45	17 10	5 41
S 10	0 18	2n 5	3 37	8 42	2 17	6 30	0 43	20 23	1 2	2 21	1 5	22 9	0 23	4 7	0 48	9 59	1 45	23 37	10 52	15 17	15 48	18 45	17 11	5 41
S 11	0n 6	6 51	2 35	8 1	2 15	7 0	0 41	20 13	1 3	2 15	1 5	22 8	0 23	4 8	0 48	10 0	1 45	23 37	10 53	15 15	15 47	18 46	17 11	5 40
M12	0 29	11 17	1 23	7 18	2 14	7 30	0 38	20 3	1 4	2 9	1 5	22 8	0 23	4 9	0 48	10 1	1 45	23 36	10 53	15 14	15 46	18 47	17 12	5 40
T 13	0 53	15 2	0 5	6 35	2 12	8 0	0 36	19 53	1 5	2 3	1 5	22 8	0 23	4 10	0 48	10 1	1 45	23 36	10 53	15 14	15 45	18 47	17 12	5 40
W14	1 16	17 51	1s14	5 50	2 9	8 30	0 34	19 43	1 6	1 58	1 5	22 7	0 23	4 11	0 48	10 2	1 45	23 36	10 53	15 14	15 44	18 48	17 13	5 39
T 15	1 40	19 29	2 27	5 4	2 6	9 0	0 31	19 32	1 7	1 52	1 5	22 7	0 23	4 12	0 48	10 3	1 45	23 35	10 53	15 15	15 43	18 48	17 14	5 39
F 16	2 4	19 50	3 31	4 17	2 3	9 29	0 29	19 22	1 8	1 46	1 6	22 7	0 23	4 13	0 48	10 4	1 45	23 35	10 54	15 15	15 42	18 49	17 14	5 39
S 17	2 27	18 57	4 20	3 28	1 58	9 58	0 27	19 11	1 8	1 40	1 6	22 6	0 23	4 14	0 48	10 4	1 45	23 35	10 54	15 15	15 41	18 49	17 15	5 38
S 18	2 51	16 56	4 54	2 39	1 54	10 27	0 24	19 0	1 9	1 35	1 6	22 6	0 23	4 15	0 48	10 5	1 45	23 35	10 54	15 15	15 40	18 50	17 15	5 38
M19	3 14	14 1	5 11	1 48	1 49	10 55	0 22	18 48	1 10	1 29	1 6	22 6	0 23	4 16	0 48	10 6	1 45	23 34	10 54	15 14	15 39	18 50	17 16	5 37
T 20	3 37	10 24	5 10	0 57	1 43	11 24	0 19	18 37	1 11	1 23	1 6	22 5	0 23	4 17	0 48	10 7	1 45	23 34	10 55	15 13	15 38	18 51	17 17	5 37
W21	4 0	6 21	4 53	0 5	1 37	11 52	0 16	18 25	1 12	1 18	1 6	22 5	0 23	4 18	0 48	10 7	1 45	23 34	10 55	15 11	15 37	18 51	17 17	5 37
T 22	4 24	2 4	4 21	0n49	1 30	12 20	0 14	18 13	1 13	1 12	1 6	22 5	0 23	4 19	0 48	10 8	1 45	23 34	10 55	15 10	15 36	18 52	17 18	5 36
F 23	4 47	2s15	3 36	1 43	1 23	12 47	0 11	18 1	1 14	1 6	1 6	22 5	0 23	4 20	0 48	10 9	1 45	23 33	10 55	15 8	15 35	18 52	17 18	5 36
S 24	5 10	6 24	2 42	2 38	1 15	13 14	0 9	17 49	1 14	1 1	1 6	22 4	0 23	4 21	0 48	10 10	1 45	23 33	10 56	15 7	15 34	18 53	17 19	5 36
S 25	5 33	10 13	1 40	3 34	1 7	13 41	0 6	17 37	1 15	0 55	1 6	22 4	0 23	4 21	0 48	10 10	1 45	23 33	10 56	15 6	15 33	18 53	17 20	5 36
M26	5 55	13 33	0 35	4 30	0 58	14 8	0 3	17 25	1 16	0 49	1 6	22 4	0 23	4 22	0 48	10 11	1 45	23 33	10 56	15 6	15 32	18 54	17 20	5 35
T 27	6 18	16 16	0n30	5 26	0 49	14 34	0 1	17 12	1 17	0 44	1 6	22 4	0 23	4 23	0 48	10 12	1 45	23 33	10 56	15 6	15 31	18 54	17 21	5 35
W28	6 41	18 16	1 34	6 23	0 40	15 0	0n 2	16 59	1 18	0 38	1 6	22 3	0 22	4 24	0 48	10 13	1 45	23 33	10 57	15 6	15 30	18 55	17 22	5 35
T 29	7 3	19 27	2 34	7 20	0 30	15 25	0 5	16 46	1 19	0 32	1 6	22 3	0 22	4 25	0 48	10 14	1 45	23 32	10 57	15 7	15 30	18 55	17 22	5 34
F 30	7 26	19 47	3 27	8 17	0 20	15 50	0 8	16 33	1 20	0 27	1 6	22 3	0 22	4 26	0 48	10 14	1 45	23 32	10 57	15 7	15 29	18 56	17 23	5 34
S 31	7n48	19s15	4n12	9n14	0s 9	16n15	0n10	16s20	1s20	0s21	1s 6	22s 3	0n22	4n27	0n48	10n15	1s45	23s32	10s57	15s 8	15s28	18s56	17n23	5s34

Julian Day Number = 2286524.5, Delta T = 183.85 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'07, Lahiri = 17°33'08 Julian Calendar 1 March 1548 == Greg. Calendar 11 March 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

APRIL 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 16 2	20♈52'30	15♉45	26♈15	15♉14	20♒ 5	1♈53	16♉59	20°R37	1♉ 9	24♒56	10°R54	11♏54	2♐40	17♊47	S 1
M 2	13 19 58	21°51'07	28° 3	28°21	16°27	20°49	2° 7	17° 1	20♍35	1°11	24°57	10♏54	11°51	2°46	17°51	M 2
T 3	13 23 55	22°49'42	10♒39	0♉27	17°41	21°34	2°21	17° 2	20°33	1°14	24°58	10°53	11°48	2°53	17°55	T 3
W 4	13 27 51	23°48'15	23°38	2°33	18°54	22°19	2°35	17° 3	20°31	1°16	24°59	10°51	11°45	3° 0	17°59	W 4
T 5	13 31 48	24°46'47	7♓ 1	4°37	20° 7	23° 4	2°49	17° 4	20°29	1°18	25° 0	10°49	11°42	3° 6	18° 3	T 5
F 6	13 35 44	25°45'17	20°51	6°39	21°20	23°49	3° 3	17° 6	20°27	1°20	25° 1	10°47	11°38	3°13	18° 7	F 6
S 7	13 39 41	26°43'45	5♈ 6	8°40	22°33	24°33	3°17	17° 7	20°25	1°23	25° 2	10°45	11°35	3°19	18°11	S 7
S 8	13 43 37	27°42'12	19°41	10°39	23°46	25°18	3°31	17° 7	20°23	1°25	25° 3	10°44	11°32	3°26	18°15	S 8
M 9	13 47 34	28°40'36	4♉31	12°35	24°59	26° 3	3°45	17° 8	20°21	1°27	25° 4	10°D43	11°29	3°33	18°19	M 9
T 10	13 51 31	29°38'59	19°28	14°28	26°11	26°48	3°59	17° 9	20°19	1°29	25° 5	10°44	11°26	3°39	18°24	T 10
W11	13 55 27	0♉37'20	4♊24	16°19	27°24	27°32	4°12	17° 9	20°17	1°32	25° 6	10°44	11°23	3°46	18°28	W11
T 12	13 59 24	1°35'39	19°12	18° 6	28°37	28°17	4°26	17°10	20°15	1°34	25° 6	10°45	11°19	3°53	18°32	T 12
F 13	14 3 20	2°33'56	3♋45	19°50	29°50	29° 2	4°40	17°10	20°14	1°36	25° 7	10°46	11°16	3°59	18°37	F 13
S 14	14 7 17	3°32'11	18° 0	21°30	1♊ 2	29°46	4°53	17°11	20°12	1°38	25° 8	10°46	11°13	4° 6	18°41	S 14
S 15	14 11 13	4°30'24	1♌54	23° 7	2°15	0♓31	5° 7	17°11	20°10	1°41	25° 9	10°R46	11°10	4°13	18°46	S 15
M16	14 15 10	5°28'35	15°27	24°40	3°28	1°16	5°20	17°11	20° 9	1°43	25°10	10°46	11° 7	4°19	18°50	M16
T 17	14 19 6	6°26'43	28°41	26° 8	4°40	2° 0	5°34	17°R11	20° 7	1°45	25°10	10°46	11° 3	4°26	18°55	T 17
W18	14 23 3	7°24'50	11♍36	27°33	5°53	2°45	5°47	17°11	20° 6	1°47	25°11	10°46	11° 0	4°33	19° 0	W18
T 19	14 27 0	8°22'55	24°16	28°54	7° 5	3°30	6° 1	17°11	20° 4	1°50	25°12	10°45	10°57	4°39	19° 4	T 19
F 20	14 30 56	9°20'58	6♎42	0♊10	8°17	4°14	6°14	17°10	20° 3	1°52	25°12	10°45	10°54	4°46	19° 9	F 20
S 21	14 34 53	10°18'59	18°56	1°23	9°30	4°59	6°27	17°10	20° 1	1°54	25°13	10°D45	10°51	4°53	19°14	S 21
S 22	14 38 49	11°16'58	1♏ 1	2°31	10°42	5°43	6°40	17°10	20° 0	1°56	25°14	10°45	10°48	4°59	19°19	S 22
M23	14 42 46	12°14'55	12°59	3°34	11°54	6°28	6°53	17° 9	19°59	1°59	25°14	10°R45	10°44	5° 6	19°23	M23
T 24	14 46 42	13°12'52	24°51	4°33	13° 6	7°12	7° 7	17° 8	19°58	2° 1	25°15	10°45	10°41	5°13	19°28	T 24
W25	14 50 39	14°10'46	6♐41	5°27	14°19	7°57	7°20	17° 8	19°56	2° 3	25°15	10°45	10°38	5°19	19°33	W25
T 26	14 54 35	15° 8'39	18°30	6°17	15°31	8°41	7°32	17° 7	19°55	2° 5	25°16	10°44	10°35	5°26	19°38	T 26
F 27	14 58 32	16° 6'31	0♑20	7° 2	16°43	9°26	7°45	17° 6	19°54	2° 7	25°16	10°44	10°32	5°33	19°43	F 27
S 28	15 2 29	17° 4'21	12°16	7°43	17°54	10°10	7°58	17° 5	19°53	2°10	25°17	10°43	10°29	5°39	19°48	S 28
S 29	15 6 25	18° 2'11	24°21	8°18	19° 6	10°55	8°11	17° 4	19°52	2°12	25°17	10°42	10°25	5°46	19°53	S 29
M30	15 10 22	18♉59'59	6♒38	8♊49	20♊18	11♓39	8♈24	17♉ 2	19♍51	2♉14	25♒18	10♏41	10♏22	5♐53	19♊59	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	8n10	17s49	4n46	10n11	0n 1	16n39	0n13	16s 7	1s21	0s16	1s 6	22s 3	0n22	4n28	0n48	10n16	1s45	23s32	10s58	15s 8	15s27	18s57	17n24	5s33
M 2	8 32	15 34	5 8	11 6	0 12	17 3	0 16	15 53	1 22	0 10	1 6	22 3	0 22	4 28	0 48	10 17	1 45	23 32	10 58	15 8	15 26	18 57	17 25	5 33
T 3	8 54	12 32	5 16	12 1	0 23	17 27	0 19	15 39	1 23	0 5	1 6	22 2	0 22	4 29	0 48	10 17	1 45	23 32	10 58	15 8	15 25	18 58	17 25	5 33
W 4	9 16	8 49	5 8	12 55	0 34	17 50	0 21	15 26	1 24	0n 1	1 7	22 2	0 22	4 30	0 48	10 18	1 45	23 32	10 59	15 7	15 24	18 58	17 26	5 33
T 5	9 37	4 33	4 44	13 48	0 45	18 12	0 24	15 12	1 25	0 6	1 7	22 2	0 22	4 31	0 48	10 19	1 45	23 32	10 59	15 6	15 23	18 59	17 26	5 32
F 6	9 59	0n 5	4 2	14 39	0 56	18 34	0 27	14 58	1 25	0 12	1 7	22 2	0 22	4 31	0 48	10 20	1 45	23 32	10 59	15 6	15 22	18 59	17 27	5 32
S 7	10 20	4 51	3 5	15 28	1 6	18 56	0 30	14 43	1 26	0 17	1 7	22 2	0 22	4 32	0 48	10 21	1 45	23 32	10 59	15 5	15 21	19 0	17 28	5 32
S 8	10 41	9 29	1 54	16 16	1 17	19 17	0 33	14 29	1 27	0 23	1 7	22 2	0 22	4 33	0 48	10 21	1 45	23 31	11 0	15 5	15 20	19 0	17 28	5 31
M 9	11 2	13 36	0 34	17 1	1 27	19 38	0 35	14 15	1 28	0 28	1 7	22 2	0 22	4 34	0 48	10 22	1 45	23 31	11 0	15 5	15 19	19 1	17 29	5 31
T 10	11 22	16 52	0s48	17 45	1 36	19 58	0 38	14 0	1 29	0 34	1 7	22 2	0 22	4 34	0 47	10 23	1 45	23 31	11 0	15 5	15 18	19 1	17 29	5 31
W11	11 43	18 59	2 8	18 26	1 45	20 17	0 41	13 46	1 30	0 39	1 7	22 2	0 22	4 35	0 47	10 24	1 45	23 31	11 1	15 5	15 17	19 1	17 30	5 31
T 12	12 3	19 46	3 18	19 5	1 53	20 36	0 43	13 31	1 30	0 44	1 7	22 2	0 22	4 36	0 47	10 25	1 45	23 31	11 1	15 5	15 16	19 2	17 31	5 31
F 13	12 24	19 13	4 14	19 41	2 1	20 55	0 46	13 16	1 31	0 50	1 7	22 2	0 22	4 36	0 47	10 25	1 45	23 31	11 1	15 5	15 15	19 2	17 31	5 30
S 14	12 43	17 26	4 53	20 15	2 8	21 13	0 49	13 1	1 32	0 55	1 7	22 2	0 22	4 37	0 47	10 26	1 45	23 31	11 2	15 5	15 14	19 3	17 32	5 30
S 15	13 3	14 41	5 14	20 46	2 15	21 30	0 52	12 46	1 33	1 0	1 7	22 2	0 22	4 38	0 47	10 27	1 45	23 31	11 2	15 5	15 13	19 3	17 32	5 30
M16	13 23	11 12	5 17	21 15	2 20	21 47	0 54	12 31	1 34	1 6	1 8	22 2	0 22	4 38	0 47	10 28	1 45	23 31	11 2	15 5	15 12	19 4	17 33	5 30
T 17	13 42	7 14	5 2	21 41	2 25	22 3	0 57	12 15	1 34	1 11	1 8	22 2	0 22	4 39	0 47	10 28	1 45	23 31	11 2	15 5	15 11	19 4	17 34	5 29
W18	14 1	3 1	4 33	22 4	2 29	22 19	0 59	12 0	1 35	1 16	1 8	22 2	0 22	4 39	0 47	10 29	1 45	23 31	11 3	15 5	15 10	19 4	17 34	5 29
T 19	14 20	1s15	3 51	22 26	2 32	22 34	1 2	11 44	1 36	1 21	1 8	22 2	0 22	4 40	0 47	10 30	1 45	23 31	11 3	15 5	15 9	19 5	17 35	5 29
F 20	14 39	5 23	2 58	22 44	2 34	22 48	1 5	11 29	1 37	1 26	1 8	22 2	0 21	4 40	0 47	10 31	1 45	23 32	11 3	15 5	15 8	19 5	17 35	5 29
S 21	14 57	9 15	1 58	23 1	2 35	23 2	1 7	11 13	1 38	1 32	1 8	22 2	0 21	4 41	0 47	10 31	1 45	23 32	11 4	15 5	15 7	19 6	17 36	5 29
S 22	15 15	12 42	0 54	23 15	2 35	23 15	1 10	10 58	1 38	1 37	1 8	22 2	0 21	4 41	0 47	10 32	1 45	23 32	11 4	15 5	15 6	19 6	17 36	5 28
M23	15 33	15 34	0n12	23 27	2 35	23 28	1 12	10 42	1 39	1 42	1 8	22 2	0 21	4 42	0 47	10 33	1 45	23 32	11 4	15 5	15 5	19 6	17 37	5 28
T 24	15 51	17 46	1 18	23 36	2 33	23 39	1 15	10 26	1 40	1 47	1 8	22 3	0 21	4 42	0 47	10 34	1 45	23 32	11 5	15 5	15 4	19 7	17 38	5 28
W25	16 8	19 11	2 19	23 44	2 30	23 51	1 17	10 10	1 41	1 52	1 9	22 3	0 21	4 43	0 47	10 35	1 45	23 32	11 5	15 5	15 3	19 7	17 38	5 28
T 26	16 25	19 46	3 15	23 49	2 26	24 1	1 19	9 54	1 41	1 57	1 9	22 3	0 21	4 43	0 47	10 35	1 45	23 32	11 5	15 5	15 2	19 8	17 39	5 28
F 27	16 42	19 28	4 2	23 52	2 22	24 11	1 22	9 38	1 42	2 2	1 9	22 3	0 21	4 44	0 47	10 36	1 45	23 32	11 6	15 5	15 1	19 8	17 39	5 28
S 28	16 58	18 18	4 39	23 53	2 16	24 20	1 24	9 22	1 43	2 7	1 9	22 3	0 21	4 44	0 47	10 37	1 45	23 32	11 6	15 4	15 0	19 8	17 40	5 27
S 29	17 15	16 18	5 5	23 52	2 9	24 29	1 26	9 5	1 44	2 12	1 9	22 3	0 21	4 44	0 47	10 37	1 45	23 33	11 6	15 4	14 59	19 9	17 40	5 27
M30	17n31	13s33	5n17	23n49	2n 1	24n36	1n28	8s49	1s44	2n17	1s 9	22s 4	0n21	4n45	0n47	10n38	1s45	23s33	11s 7	15s 4	14s58	19s 9	17n41	5s27

Julian Day Number = 2286555.5, Delta T = 183.67 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'12, Lahiri = 17°33'12 Julian Calendar 1 Apr. 1548 == Greg. Calendar 11 Apr. 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

MAY 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 14 18	19♉57'45	19♒12	9♊15	21♊30	12♓23	8♈36	17°R 1	19°R50	2♉16	25♒18	10°D41	10♏19	5♐59	20♊ 4	T 1
W 2	15 18 15	20°55'31	2♓ 6	9°36	22°42	13° 8	8°49	17♑ 0	19♍49	2°18	25°18	10♏41	10°16	6° 6	20° 9	W 2
T 3	15 22 11	21°53'15	15°24	9°53	23°53	13°52	9° 1	16°58	19°49	2°21	25°19	10°42	10°13	6°13	20°14	T 3
F 4	15 26 8	22°50'58	29° 7	10° 4	25° 5	14°36	9°14	16°56	19°48	2°23	25°19	10°43	10° 9	6°19	20°19	F 4
S 5	15 30 4	23°48'41	13♈17	10°11	26°17	15°21	9°26	16°55	19°47	2°25	25°19	10°44	10° 6	6°26	20°25	S 5
S 6	15 34 1	24°46'22	27°52	10°R12	27°28	16° 5	9°38	16°53	19°46	2°27	25°20	10°45	10° 3	6°33	20°30	S 6
M 7	15 37 58	25°44'02	12♉47	10° 9	28°40	16°49	9°50	16°51	19°46	2°29	25°20	10°R45	10° 0	6°39	20°35	M 7
T 8	15 41 54	26°41'41	27°54	10° 2	29°51	17°33	10° 2	16°49	19°45	2°31	25°20	10°44	9°57	6°46	20°41	T 8
W 9	15 45 51	27°39'19	13♊ 6	9°50	1♋ 2	18°17	10°14	16°47	19°45	2°33	25°20	10°43	9°54	6°53	20°46	W 9
T 10	15 49 47	28°36'55	28°11	9°35	2°14	19° 1	10°26	16°45	19°44	2°35	25°21	10°41	9°50	6°59	20°52	T 10
F 11	15 53 44	29°34'30	13♋ 2	9°15	3°25	19°45	10°38	16°43	19°44	2°37	25°21	10°39	9°47	7° 6	20°57	F 11
S 12	15 57 40	0♊32'04	27°32	8°52	4°36	20°29	10°50	16°40	19°44	2°40	25°21	10°37	9°44	7°13	21° 3	S 12
S 13	16 1 37	1°29'36	11♌36	8°26	5°47	21°13	11° 2	16°38	19°43	2°42	25°21	10°35	9°41	7°19	21° 8	S 13
M14	16 5 33	2°27'07	25°14	7°58	6°58	21°57	11°13	16°36	19°43	2°44	25°21	10°34	9°38	7°26	21°14	M14
T 15	16 9 30	3°24'36	8♍27	7°27	8° 9	22°41	11°25	16°33	19°43	2°46	25°21	10°D34	9°34	7°33	21°19	T 15
W16	16 13 27	4°22'04	21°16	6°55	9°20	23°24	11°36	16°30	19°43	2°48	25°R21	10°34	9°31	7°39	21°25	W16
T 17	16 17 23	5°19'31	3♎47	6°22	10°30	24° 8	11°47	16°28	19°43	2°50	25°21	10°36	9°28	7°46	21°30	T 17
F 18	16 21 20	6°16'57	16° 2	5°48	11°41	24°52	11°59	16°25	19°D43	2°52	25°21	10°38	9°25	7°52	21°36	F 18
S 19	16 25 16	7°14'21	28° 5	5°15	12°52	25°35	12°10	16°22	19°43	2°54	25°21	10°39	9°22	7°59	21°42	S 19
S 20	16 29 13	8°11'44	10♏ 1	4°42	14° 2	26°19	12°21	16°19	19°43	2°55	25°21	10°R39	9°19	8° 6	21°47	S 20
M21	16 33 9	9° 9'07	21°51	4°11	15°13	27° 2	12°32	16°16	19°43	2°57	25°21	10°39	9°15	8°12	21°53	M21
T 22	16 37 6	10° 6'28	3♐40	3°41	16°23	27°46	12°43	16°13	19°43	2°59	25°21	10°37	9°12	8°19	21°59	T 22
W23	16 41 2	11° 3'49	15°29	3°14	17°33	28°29	12°53	16°10	19°43	3° 1	25°21	10°34	9° 9	8°26	22° 4	W23
T 24	16 44 59	12° 1'08	27°20	2°49	18°44	29°12	13° 4	16° 7	19°44	3° 3	25°20	10°29	9° 6	8°32	22°10	T 24
F 25	16 48 56	12°58'28	9♑16	2°28	19°54	29°56	13°15	16° 3	19°44	3° 5	25°20	10°23	9° 3	8°39	22°16	F 25
S 26	16 52 52	13°55'46	21°18	2°10	21° 4	0♈39	13°25	16° 0	19°44	3° 7	25°20	10°18	9° 0	8°46	22°21	S 26
S 27	16 56 49	14°53'04	3♒28	1°56	22°14	1°22	13°35	15°57	19°45	3° 8	25°20	10°12	8°56	8°52	22°27	S 27
M28	17 0 45	15°50'21	15°50	1°46	23°24	2° 5	13°45	15°53	19°45	3°10	25°19	10° 8	8°53	8°59	22°33	M28
T 29	17 4 42	16°47'38	28°25	1°40	24°34	2°48	13°56	15°50	19°46	3°12	25°19	10° 5	8°50	9° 6	22°39	T 29
W30	17 8 38	17°44'55	11♓17	1°D39	25°43	3°31	14° 6	15°46	19°47	3°14	25°19	10° 3	8°47	9°12	22°45	W30
T 31	17 12 35	18♊42'11	24♓30	1♊43	26♋53	4♈14	14♈15	15♑43	19♍47	3♉15	25♒18	10°D 3	8♏44	9♐19	22♊50	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	17n46	10s 8	5n14	23n45	1n52	24n44	1n30	8s33	1s45	2n21	1s 9	22s 4	0n21	4n45	0n47	10n39	1s45	23s33	11s 7	15s 4	14s57	19s 9	17n41	5s27
W 2	18 2	6 9	4 56	23 38	1 43	24 50	1 32	8 16	1 46	2 26	1 9	22 4	0 21	4 45	0 47	10 40	1 45	23 33	11 7	15 4	14 56	19 10	17 42	5 27
T 3	18 17	1 45	4 21	23 30	1 32	24 56	1 34	8 0	1 46	2 31	1 10	22 4	0 21	4 46	0 47	10 40	1 45	23 33	11 8	15 4	14 55	19 10	17 42	5 27
F 4	18 32	2n52	3 31	23 20	1 20	25 1	1 36	7 43	1 47	2 36	1 10	22 5	0 21	4 46	0 47	10 41	1 45	23 33	11 8	15 4	14 54	19 10	17 43	5 27
S 5	18 46	7 30	2 26	23 8	1 7	25 5	1 38	7 27	1 48	2 41	1 10	22 5	0 21	4 46	0 47	10 42	1 45	23 34	11 8	15 5	14 53	19 11	17 43	5 26
S 6	19 0	11 51	1 11	22 55	0 53	25 8	1 40	7 10	1 49	2 45	1 10	22 5	0 21	4 46	0 47	10 43	1 45	23 34	11 9	15 5	14 52	19 11	17 44	5 26
M 7	19 14	15 32	0s11	22 40	0 39	25 11	1 42	6 54	1 49	2 50	1 10	22 5	0 21	4 46	0 46	10 43	1 45	23 34	11 9	15 5	14 51	19 11	17 44	5 26
T 8	19 28	18 13	1 34	22 24	0 24	25 13	1 44	6 37	1 50	2 55	1 10	22 6	0 21	4 47	0 46	10 44	1 45	23 34	11 9	15 5	14 50	19 12	17 45	5 26
W 9	19 41	19 37	2 50	22 6	0 8	25 15	1 45	6 20	1 51	2 59	1 10	22 6	0 20	4 47	0 46	10 45	1 45	23 35	11 10	15 4	14 49	19 12	17 45	5 26
T 10	19 54	19 36	3 53	21 48	0s 9	25 16	1 47	6 4	1 51	3 4	1 11	22 6	0 20	4 47	0 46	10 45	1 45	23 35	11 10	15 4	14 48	19 12	17 46	5 26
F 11	20 6	18 13	4 40	21 28	0 26	25 16	1 49	5 47	1 52	3 8	1 11	22 7	0 20	4 47	0 46	10 46	1 45	23 35	11 10	15 3	14 47	19 13	17 46	5 26
S 12	20 19	15 40	5 8	21 7	0 43	25 15	1 50	5 30	1 52	3 13	1 11	22 7	0 20	4 47	0 46	10 47	1 45	23 35	11 11	15 2	14 46	19 13	17 46	5 26
S 13	20 31	12 17	5 16	20 46	1 0	25 13	1 51	5 13	1 53	3 17	1 11	22 7	0 20	4 47	0 46	10 47	1 45	23 36	11 11	15 2	14 45	19 13	17 47	5 26
M14	20 42	8 20	5 5	20 24	1 18	25 11	1 53	4 57	1 54	3 21	1 11	22 8	0 20	4 47	0 46	10 48	1 45	23 36	11 11	15 2	14 44	19 14	17 47	5 26
T 15	20 53	4 6	4 39	20 2	1 35	25 8	1 54	4 40	1 54	3 26	1 11	22 8	0 20	4 47	0 46	10 49	1 45	23 36	11 12	15 2	14 43	19 14	17 48	5 26
W16	21 4	0s12	4 0	19 40	1 52	25 5	1 55	4 23	1 55	3 30	1 12	22 8	0 20	4 47	0 46	10 49	1 45	23 36	11 12	15 2	14 42	19 14	17 48	5 26
T 17	21 14	4 24	3 9	19 18	2 9	25 1	1 56	4 6	1 56	3 34	1 12	22 9	0 20	4 47	0 46	10 50	1 45	23 37	11 12	15 2	14 41	19 15	17 48	5 26
F 18	21 24	8 20	2 12	18 57	2 25	24 56	1 57	3 49	1 56	3 39	1 12	22 9	0 20	4 47	0 46	10 51	1 45	23 37	11 13	15 3	14 40	19 15	17 49	5 26
S 19	21 34	11 53	1 9	18 36	2 40	24 50	1 58	3 33	1 57	3 43	1 12	22 10	0 20	4 47	0 46	10 51	1 45	23 37	11 13	15 3	14 39	19 15	17 49	5 26
S 20	21 44	14 54	0 4	18 16	2 55	24 44	1 59	3 16	1 57	3 47	1 12	22 10	0 20	4 47	0 46	10 52	1 45	23 38	11 13	15 3	14 38	19 15	17 50	5 25
M21	21 52	17 17	1n 1	17 57	3 8	24 37	2 0	2 59	1 58	3 51	1 12	22 11	0 20	4 47	0 46	10 52	1 45	23 38	11 14	15 3	14 37	19 16	17 50	5 25
T 22	22 1	18 55	2 3	17 40	3 20	24 29	2 1	2 42	1 58	3 55	1 13	22 11	0 20	4 47	0 46	10 53	1 45	23 38	11 14	15 3	14 36	19 16	17 50	5 25
W23	22 9	19 44	2 59	17 23	3 32	24 21	2 1	2 25	1 59	3 59	1 13	22 11	0 20	4 47	0 46	10 54	1 45	23 39	11 14	15 1	14 35	19 16	17 51	5 25
T 24	22 17	19 40	3 48	17 9	3 41	24 12	2 2	2 9	1 59	4 3	1 13	22 12	0 20	4 47	0 46	10 54	1 46	23 39	11 15	15 0	14 34	19 17	17 51	5 25
F 25	22 25	18 44	4 27	16 56	3 50	24 2	2 2	1 52	2 0	4 7	1 13	22 12	0 20	4 46	0 46	10 55	1 46	23 40	11 15	14 58	14 33	19 17	17 51	5 25
S 26	22 32	16 57	4 55	16 46	3 58	23 52	2 3	1 35	2 1	4 11	1 13	22 13	0 19	4 46	0 46	10 55	1 46	23 40	11 15	14 56	14 32	19 17	17 52	5 25
S 27	22 38	14 24	5 9	16 37	4 4	23 41	2 3	1 18	2 1	4 15	1 13	22 13	0 19	4 46	0 46	10 56	1 46	23 40	11 16	14 55	14 31	19 17	17 52	5 26
M28	22 44	11 11	5 10	16 30	4 8	23 29	2 3	1 2	2 2	4 19	1 14	22 14	0 19	4 46	0 46	10 57	1 46	23 41	11 16	14 53	14 30	19 18	17 52	5 26
T 29	22 50	7 25	4 56	16 26	4 12	23 17	2 3	0 45	2 2	4 22	1 14	22 14	0 19	4 46	0 46	10 57	1 46	23 41	11 16	14 52	14 29	19 18	17 52	5 26
W30	22 56	3 14	4 27	16 24	4 14	23 4	2 3	0 28	2 2	4 26	1 14	22 15	0 19	4 45	0 45	10 58	1 46	23 42	11 17	14 52	14 28	19 18	17 53	5 26
T 31	23n 1	1n13	3n43	16n23	4s15	22n50	2n 3	0s12	2s 3	4n30	1s14	22s15	0n19	4n45	0n45	10n58	1s46	23s42	11s17	14s52	14s27	19s18	17n53	5s26

Julian Day Number = 2286585.5, Delta T = 183.49 sec
Ecliptic obliquity = 23°29'46, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'16, Lahiri = 17°33'16 Julian Calendar 1 May 1548 == Greg. Calendar 11 May 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

JUNE 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 16 31	19♊39'27	8♈ 5	1♊50	28♋ 2	4♈57	14♈25	15°R39	19♍48	3♉17	25°R18	10♏ 4	8♏40	9♐26	22♊56	F 1
S 2	17 20 28	20°36'42	22° 4	2° 3	29°12	5°39	14°35	15♉35	19°49	3°19	25♒18	10° 5	8°37	9°32	23° 2	S 2
S 3	17 24 25	21°33'58	6♉28	2°20	0♌21	6°22	14°44	15°31	19°50	3°20	25°17	10°R 6	8°34	9°39	23° 8	S 3
M 4	17 28 21	22°31'13	21°14	2°42	1°31	7° 4	14°54	15°27	19°50	3°22	25°17	10° 6	8°31	9°46	23°13	M 4
T 5	17 32 18	23°28'28	6♊16	3° 8	2°40	7°47	15° 3	15°24	19°51	3°24	25°16	10° 4	8°28	9°52	23°19	T 5
W 6	17 36 14	24°25'43	21°28	3°39	3°49	8°29	15°12	15°20	19°52	3°25	25°16	9°59	8°25	9°59	23°25	W 6
T 7	17 40 11	25°22'58	6♋38	4°14	4°58	9°12	15°21	15°16	19°53	3°27	25°15	9°54	8°21	10° 6	23°31	T 7
F 8	17 44 7	26°20'12	21°37	4°54	6° 7	9°54	15°30	15°12	19°54	3°28	25°15	9°47	8°18	10°12	23°37	F 8
S 9	17 48 4	27°17'26	6♌17	5°38	7°15	10°36	15°39	15° 8	19°56	3°30	25°14	9°40	8°15	10°19	23°42	S 9
S 10	17 52 0	28°14'39	20°31	6°27	8°24	11°18	15°48	15° 3	19°57	3°31	25°14	9°34	8°12	10°26	23°48	S 10
M11	17 55 57	29°11'51	4♍15	7°19	9°33	12° 0	15°56	14°59	19°58	3°33	25°13	9°29	8° 9	10°32	23°54	M11
T 12	17 59 54	0♋ 9'03	17°32	8°16	10°41	12°42	16° 5	14°55	19°59	3°34	25°13	9°27	8° 6	10°39	24° 0	T 12
W13	18 3 50	1° 6'15	0♎22	9°17	11°49	13°23	16°13	14°51	20° 1	3°36	25°12	9°D26	8° 2	10°46	24° 6	W13
T 14	18 7 47	2° 3'26	12°50	10°22	12°57	14° 5	16°21	14°47	20° 2	3°37	25°11	9°26	7°59	10°52	24°11	T 14
F 15	18 11 43	3° 0'37	25° 1	11°31	14° 6	14°46	16°29	14°42	20° 3	3°38	25°11	9°27	7°56	10°59	24°17	F 15
S 16	18 15 40	3°57'47	7♏ 0	12°44	15°13	15°28	16°37	14°38	20° 5	3°40	25°10	9°R28	7°53	11° 6	24°23	S 16
S 17	18 19 36	4°54'58	18°52	14° 1	16°21	16° 9	16°44	14°34	20° 6	3°41	25° 9	9°28	7°50	11°12	24°29	S 17
M18	18 23 33	5°52'08	0♐40	15°22	17°29	16°50	16°52	14°30	20° 8	3°42	25° 8	9°25	7°46	11°19	24°34	M18
T 19	18 27 29	6°49'18	12°28	16°47	18°36	17°31	16°59	14°25	20°10	3°44	25° 8	9°21	7°43	11°26	24°40	T 19
W20	18 31 26	7°46'28	24°20	18°15	19°44	18°12	17° 7	14°21	20°11	3°45	25° 7	9°13	7°40	11°32	24°46	W20
T 21	18 35 23	8°43'38	6♑17	19°47	20°51	18°53	17°14	14°16	20°13	3°46	25° 6	9° 4	7°37	11°39	24°52	T 21
F 22	18 39 19	9°40'48	18°21	21°23	21°58	19°34	17°21	14°12	20°15	3°47	25° 5	8°54	7°34	11°46	24°57	F 22
S 23	18 43 16	10°37'58	0♒33	23° 2	23° 5	20°14	17°27	14° 8	20°17	3°48	25° 4	8°43	7°31	11°52	25° 3	S 23
S 24	18 47 12	11°35'08	12°55	24°45	24°12	20°55	17°34	14° 3	20°19	3°49	25° 4	8°32	7°27	11°59	25° 9	S 24
M25	18 51 9	12°32'19	25°27	26°31	25°18	21°35	17°41	13°59	20°20	3°51	25° 3	8°23	7°24	12° 6	25°14	M25
T 26	18 55 5	13°29'30	8♓11	28°20	26°25	22°16	17°47	13°54	20°22	3°52	25° 2	8°16	7°21	12°13	25°20	T 26
W27	18 59 2	14°26'42	21° 9	0♋12	27°31	22°56	17°53	13°50	20°24	3°53	25° 1	8°11	7°18	12°19	25°26	W27
T 28	19 2 58	15°23'54	4♈22	2° 7	28°37	23°36	17°59	13°46	20°26	3°54	25° 0	8° 9	7°15	12°26	25°31	T 28
F 29	19 6 55	16°21'07	17°53	4° 5	29°43	24°15	18° 5	13°41	20°29	3°55	24°59	8°D 8	7°12	12°33	25°37	F 29
S 30	19 10 52	17♋18'21	1♉43	6♋ 4	0♍49	24♈55	18♈11	13♉37	20♍31	3♉56	24♒58	8°R 9	7♏ 8	12♐39	25♊42	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 6	5n45	2n45	16n25	4s15	22n36	2n 3	0n 5	2s 3	4n33	1s14	22s16	0n19	4n45	0n45	10n59	1s46	23s42	11s17	14s52	14s26	19s19	17n53	5s26
S 2	23 10	10 6	1 37	16 29	4 13	22 22	2 2	0 21	2 4	4 37	1 15	22 16	0 19	4 44	0 45	10 59	1 46	23 43	11 17	14 53	14 25	19 19	17 53	5 26
S 3	23 14	14 1	0 20	16 34	4 11	22 7	2 2	0 38	2 4	4 40	1 15	22 17	0 19	4 44	0 45	11 0	1 46	23 43	11 18	14 53	14 24	19 19	17 54	5 26
M 4	23 17	17 9	1s 0	16 42	4 8	21 51	2 2	0 54	2 5	4 44	1 15	22 17	0 19	4 44	0 45	11 0	1 46	23 44	11 18	14 53	14 23	19 19	17 54	5 26
T 5	23 20	19 9	2 17	16 51	4 3	21 34	2 1	1 11	2 5	4 47	1 15	22 18	0 19	4 43	0 45	11 1	1 46	23 44	11 18	14 52	14 21	19 20	17 54	5 26
W 6	23 23	19 49	3 25	17 2	3 58	21 18	2 0	1 27	2 6	4 50	1 15	22 18	0 19	4 43	0 45	11 1	1 46	23 45	11 19	14 51	14 20	19 20	17 54	5 26
T 7	23 25	19 2	4 18	17 15	3 52	21 0	2 0	1 43	2 6	4 54	1 16	22 19	0 19	4 42	0 45	11 2	1 46	23 45	11 19	14 49	14 19	19 20	17 54	5 26
F 8	23 27	16 56	4 53	17 29	3 45	20 42	1 59	2 0	2 6	4 57	1 16	22 19	0 19	4 42	0 45	11 2	1 46	23 45	11 19	14 47	14 18	19 20	17 55	5 26
S 9	23 28	13 46	5 8	17 44	3 37	20 24	1 58	2 16	2 7	5 0	1 16	22 20	0 18	4 41	0 45	11 3	1 46	23 46	11 20	14 45	14 17	19 20	17 55	5 26
S 10	23 29	9 54	5 3	18 0	3 29	20 5	1 57	2 32	2 7	5 3	1 16	22 20	0 18	4 41	0 45	11 3	1 46	23 46	11 20	14 43	14 16	19 21	17 55	5 26
M11	23 30	5 37	4 40	18 18	3 20	19 45	1 55	2 48	2 7	5 6	1 17	22 21	0 18	4 40	0 45	11 4	1 46	23 47	11 20	14 41	14 15	19 21	17 55	5 27
T 12	23 30	1 12	4 3	18 36	3 10	19 25	1 54	3 4	2 8	5 9	1 17	22 21	0 18	4 40	0 45	11 4	1 46	23 47	11 20	14 40	14 14	19 21	17 55	5 27
W13	23 29	3s 7	3 15	18 56	3 0	19 5	1 53	3 20	2 8	5 12	1 17	22 22	0 18	4 39	0 45	11 5	1 46	23 48	11 21	14 40	14 13	19 21	17 55	5 27
T 14	23 29	7 12	2 18	19 16	2 49	18 44	1 51	3 36	2 8	5 15	1 17	22 23	0 18	4 39	0 45	11 5	1 46	23 48	11 21	14 40	14 12	19 21	17 55	5 27
F 15	23 28	10 54	1 17	19 36	2 38	18 23	1 49	3 51	2 9	5 18	1 17	22 23	0 18	4 38	0 45	11 5	1 46	23 49	11 21	14 41	14 11	19 22	17 56	5 27
S 16	23 26	14 6	0 13	19 57	2 27	18 1	1 48	4 7	2 9	5 21	1 18	22 24	0 18	4 37	0 45	11 6	1 47	23 49	11 22	14 41	14 10	19 22	17 56	5 27
S 17	23 24	16 40	0n50	20 18	2 15	17 39	1 46	4 23	2 9	5 24	1 18	22 24	0 18	4 37	0 45	11 6	1 47	23 50	11 22	14 41	14 9	19 22	17 56	5 27
M18	23 22	18 31	1 51	20 39	2 3	17 17	1 44	4 38	2 9	5 26	1 18	22 25	0 18	4 36	0 45	11 7	1 47	23 50	11 22	14 40	14 8	19 22	17 56	5 28
T 19	23 19	19 35	2 47	21 0	1 50	16 54	1 42	4 54	2 10	5 29	1 18	22 25	0 18	4 35	0 45	11 7	1 47	23 51	11 22	14 38	14 7	19 22	17 56	5 28
W20	23 16	19 46	3 36	21 21	1 38	16 31	1 40	5 9	2 10	5 32	1 19	22 26	0 18	4 35	0 45	11 7	1 47	23 51	11 23	14 36	14 6	19 22	17 56	5 28
T 21	23 12	19 5	4 16	21 41	1 25	16 7	1 37	5 24	2 10	5 34	1 19	22 26	0 17	4 34	0 45	11 8	1 47	23 52	11 23	14 33	14 5	19 23	17 56	5 28
F 22	23 9	17 32	4 45	22 0	1 13	15 43	1 35	5 40	2 10	5 36	1 19	22 27	0 17	4 33	0 45	11 8	1 47	23 53	11 23	14 30	14 4	19 23	17 56	5 28
S 23	23 4	15 11	5 1	22 19	1 0	15 19	1 32	5 55	2 11	5 39	1 19	22 27	0 17	4 33	0 44	11 8	1 47	23 53	11 23	14 26	14 3	19 23	17 56	5 28
S 24	22 59	12 8	5 3	22 36	0 47	14 54	1 30	6 10	2 11	5 41	1 20	22 28	0 17	4 32	0 44	11 9	1 47	23 54	11 24	14 23	14 2	19 23	17 56	5 29
M25	22 54	8 30	4 50	22 52	0 35	14 29	1 27	6 25	2 11	5 43	1 20	22 29	0 17	4 31	0 44	11 9	1 47	23 54	11 24	14 20	14 1	19 23	17 56	5 29
T 26	22 49	4 26	4 24	23 7	0 22	14 4	1 24	6 39	2 11	5 46	1 20	22 29	0 17	4 30	0 44	11 9	1 47	23 55	11 24	14 18	14 0	19 23	17 56	5 29
W27	22 43	0 6	3 43	23 20	0 10	13 38	1 21	6 54	2 11	5 48	1 20	22 30	0 17	4 29	0 44	11 10	1 47	23 55	11 24	14 16	13 59	19 23	17 56	5 29
T 28	22 36	4n20	2 50	23 31	0n 2	13 12	1 18	7 9	2 11	5 50	1 21	22 30	0 17	4 28	0 44	11 10	1 47	23 56	11 25	14 15	13 58	19 24	17 56	5 29
F 29	22 30	8 40	1 46	23 39	0 13	12 46	1 15	7 23	2 11	5 52	1 21	22 31	0 17	4 28	0 44	11 10	1 47	23 56	11 25	14 15	13 57	19 24	17 56	5 30
S 30	22n22	12n38	0n34	23n46	0n24	12n19	1n12	7n38	2s12	5n54	1s21	22s31	0n17	4n27	0n44	11n10	1s47	23s57	11s25	14s15	13s56	19s24	17n56	5s30

Julian Day Number = 2286616.5, Delta T = 183.30 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'20, Lahiri = 17°33'21 Julian Calendar 1 June 1548 == Greg. Calendar 11 June 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

JULY 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 14 48	18♋15'35	15♉54	8♋ 6	1♍55	25♈35	18♈16	13°R32	20♍33	3♉56	24°R57	8°R 9	7♏ 5	12♐46	25♊48	S 1
M 2	19 18 45	19°12'50	0♊24	10°10	3° 0	26°14	18°22	13♑28	20°35	3°57	24♒56	8♏ 7	7° 2	12°53	25°53	M 2
T 3	19 22 41	20°10'06	15°10	12°15	4° 6	26°53	18°27	13°24	20°37	3°58	24°55	8° 3	6°59	12°59	25°59	T 3
W 4	19 26 38	21° 7'23	0♋ 7	14°21	5°11	27°33	18°32	13°19	20°40	3°59	24°54	7°56	6°56	13° 6	26° 4	W 4
T 5	19 30 34	22° 4'40	15° 7	16°28	6°16	28°12	18°37	13°15	20°42	4° 0	24°53	7°47	6°52	13°13	26°10	T 5
F 6	19 34 31	23° 1'58	29°59	18°35	7°20	28°50	18°41	13°10	20°44	4° 0	24°52	7°37	6°49	13°19	26°15	F 6
S 7	19 38 28	23°59'16	14♌36	20°43	8°25	29°29	18°46	13° 6	20°47	4° 1	24°51	7°26	6°46	13°26	26°21	S 7
S 8	19 42 24	24°56'35	28°51	22°50	9°29	0♉ 7	18°50	13° 2	20°49	4° 2	24°50	7°16	6°43	13°33	26°26	S 8
M 9	19 46 21	25°53'54	12♍38	24°57	10°33	0°46	18°54	12°58	20°52	4° 3	24°49	7° 9	6°40	13°39	26°31	M 9
T 10	19 50 17	26°51'14	25°58	27° 4	11°37	1°24	18°58	12°53	20°54	4° 3	24°48	7° 3	6°37	13°46	26°37	T 10
W11	19 54 14	27°48'34	8♎51	29°10	12°41	2° 2	19° 2	12°49	20°57	4° 4	24°47	7° 0	6°33	13°53	26°42	W11
T 12	19 58 10	28°45'55	21°20	1♌15	13°44	2°39	19° 6	12°45	21° 0	4° 4	24°45	6°59	6°30	13°59	26°47	T 12
F 13	20 2 7	29°43'16	3♏32	3°18	14°47	3°17	19° 9	12°41	21° 2	4° 5	24°44	6°59	6°27	14° 6	26°52	F 13
S 14	20 6 3	0♌40'38	15°30	5°21	15°50	3°54	19°12	12°37	21° 5	4° 5	24°43	6°59	6°24	14°13	26°58	S 14
S 15	20 10 0	1°38'01	27°21	7°22	16°53	4°32	19°16	12°33	21° 8	4° 6	24°42	6°57	6°21	14°19	27° 3	S 15
M16	20 13 56	2°35'24	9♐10	9°22	17°55	5° 9	19°18	12°29	21°10	4° 6	24°41	6°54	6°18	14°26	27° 8	M16
T 17	20 17 53	3°32'48	21° 0	11°20	18°57	5°45	19°21	12°25	21°13	4° 7	24°40	6°48	6°14	14°33	27°13	T 17
W18	20 21 50	4°30'12	2♑56	13°17	19°59	6°22	19°24	12°21	21°16	4° 7	24°38	6°40	6°11	14°39	27°18	W18
T 19	20 25 46	5°27'38	15° 1	15°12	21° 0	6°59	19°26	12°17	21°19	4° 7	24°37	6°29	6° 8	14°46	27°23	T 19
F 20	20 29 43	6°25'04	27°16	17° 6	22° 1	7°35	19°28	12°13	21°22	4° 8	24°36	6°16	6° 5	14°53	27°28	F 20
S 21	20 33 39	7°22'31	9♒42	18°58	23° 2	8°11	19°30	12° 9	21°25	4° 8	24°35	6° 3	6° 2	14°59	27°33	S 21
S 22	20 37 36	8°19'59	22°20	20°49	24° 3	8°47	19°32	12° 6	21°28	4° 8	24°34	5°50	5°58	15° 6	27°38	S 22
M23	20 41 32	9°17'29	5♓ 9	22°38	25° 3	9°22	19°33	12° 2	21°31	4° 8	24°32	5°39	5°55	15°13	27°42	M23
T 24	20 45 29	10°14'59	18°10	24°26	26° 3	9°57	19°34	11°58	21°34	4° 8	24°31	5°30	5°52	15°19	27°47	T 24
W25	20 49 25	11°12'31	1♈22	26°12	27° 2	10°33	19°36	11°55	21°37	4° 9	24°30	5°24	5°49	15°26	27°52	W25
T 26	20 53 22	12°10'04	14°45	27°56	28° 2	11° 8	19°37	11°51	21°40	4° 9	24°29	5°21	5°46	15°33	27°57	T 26
F 27	20 57 19	13° 7'39	28°21	29°39	29° 0	11°42	19°37	11°48	21°43	4° 9	24°27	5°20	5°43	15°39	28° 1	F 27
S 28	21 1 15	14° 5'15	12♉10	1♍21	29°59	12°17	19°38	11°44	21°46	4°R 9	24°26	5°20	5°39	15°46	28° 6	S 28
S 29	21 5 12	15° 2'53	26°12	3° 1	0♎57	12°51	19°38	11°41	21°50	4° 9	24°25	5°19	5°36	15°53	28°11	S 29
M30	21 9 8	16° 0'33	10♊28	4°39	1°54	13°25	19°R38	11°38	21°53	4° 9	24°23	5°18	5°33	15°59	28°15	M30
T 31	21 13 5	16♌58'14	24♊55	6♍16	2♎52	13♉58	19♈38	11♑34	21♍56	4♉ 9	24♒22	5♏14	5♏30	16♐ 6	28♊20	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	22n15	15n59	0s41	23n49	0n35	11n53	1n 8	7n52	2s12	5n56	1s21	22s32	0n17	4n26	0n44	11n11	1s47	23s57	11s25	14s15	13s55	19s24	17n56	5s30
M 2	22 7	18 24	1 55	23 51	0 45	11 26	1 5	8 6	2 12	5 57	1 22	22 32	0 17	4 25	0 44	11 11	1 47	23 58	11 26	14 15	13 54	19 24	17 56	5 30
T 3	21 59	19 38	3 3	23 49	0 54	10 59	1 1	8 20	2 12	5 59	1 22	22 33	0 16	4 24	0 44	11 11	1 47	23 59	11 26	14 13	13 53	19 24	17 56	5 31
W 4	21 50	19 31	3 59	23 45	1 2	10 31	0 57	8 34	2 12	6 1	1 22	22 33	0 16	4 23	0 44	11 11	1 48	23 59	11 26	14 11	13 52	19 24	17 55	5 31
T 5	21 41	18 1	4 39	23 38	1 10	10 4	0 53	8 48	2 12	6 2	1 22	22 34	0 16	4 22	0 44	11 12	1 48	24 0	11 26	14 8	13 50	19 24	17 55	5 31
F 6	21 31	15 20	4 59	23 29	1 17	9 36	0 49	9 2	2 12	6 4	1 23	22 34	0 16	4 21	0 44	11 12	1 48	24 0	11 26	14 5	13 49	19 25	17 55	5 31
S 7	21 22	11 43	4 59	23 17	1 24	9 8	0 45	9 15	2 12	6 5	1 23	22 35	0 16	4 20	0 44	11 12	1 48	24 1	11 27	14 2	13 48	19 25	17 55	5 32
S 8	21 12	7 31	4 41	23 2	1 29	8 40	0 41	9 29	2 12	6 7	1 23	22 35	0 16	4 19	0 44	11 12	1 48	24 1	11 27	13 58	13 47	19 25	17 55	5 32
M 9	21 1	3 2	4 6	22 44	1 34	8 12	0 37	9 42	2 12	6 8	1 23	22 36	0 16	4 18	0 44	11 12	1 48	24 2	11 27	13 56	13 46	19 25	17 55	5 32
T 10	20 50	1s26	3 19	22 24	1 38	7 43	0 33	9 56	2 12	6 9	1 24	22 36	0 16	4 17	0 44	11 12	1 48	24 2	11 27	13 54	13 45	19 25	17 55	5 33
W11	20 39	5 42	2 23	22 2	1 41	7 15	0 28	10 9	2 12	6 11	1 24	22 37	0 16	4 16	0 44	11 13	1 48	24 3	11 27	13 53	13 44	19 25	17 55	5 33
T 12	20 27	9 36	1 22	21 37	1 44	6 46	0 23	10 22	2 12	6 12	1 24	22 37	0 16	4 15	0 44	11 13	1 48	24 4	11 28	13 53	13 43	19 25	17 54	5 33
F 13	20 15	13 1	0 18	21 11	1 46	6 18	0 19	10 34	2 12	6 13	1 24	22 38	0 15	4 14	0 44	11 13	1 48	24 4	11 28	13 53	13 42	19 25	17 54	5 33
S 14	20 3	15 48	0n45	20 42	1 47	5 49	0 14	10 47	2 12	6 14	1 25	22 38	0 15	4 13	0 44	11 13	1 48	24 5	11 28	13 52	13 41	19 25	17 54	5 34
S 15	19 51	17 54	1 46	20 12	1 47	5 20	0 9	11 0	2 11	6 15	1 25	22 39	0 15	4 12	0 44	11 13	1 48	24 5	11 28	13 52	13 40	19 25	17 54	5 34
M16	19 38	19 13	2 42	19 40	1 47	4 51	0 4	11 12	2 11	6 16	1 25	22 39	0 15	4 11	0 44	11 13	1 48	24 6	11 28	13 51	13 39	19 25	17 53	5 34
T 17	19 24	19 41	3 31	19 7	1 46	4 22	0s 1	11 25	2 11	6 16	1 26	22 40	0 15	4 9	0 44	11 13	1 48	24 6	11 28	13 49	13 38	19 25	17 53	5 35
W18	19 11	19 17	4 10	18 32	1 44	3 53	0 7	11 37	2 11	6 17	1 26	22 40	0 15	4 8	0 44	11 13	1 48	24 7	11 29	13 46	13 37	19 26	17 53	5 35
T 19	18 57	18 1	4 40	17 57	1 42	3 23	0 12	11 49	2 11	6 18	1 26	22 41	0 15	4 7	0 44	11 13	1 48	24 8	11 29	13 43	13 36	19 26	17 53	5 35
F 20	18 43	15 54	4 56	17 20	1 40	2 54	0 17	12 1	2 11	6 18	1 26	22 41	0 15	4 6	0 44	11 13	1 49	24 8	11 29	13 38	13 35	19 26	17 52	5 36
S 21	18 28	13 3	4 59	16 42	1 37	2 25	0 23	12 12	2 10	6 19	1 27	22 42	0 15	4 5	0 44	11 13	1 49	24 9	11 29	13 34	13 34	19 26	17 52	5 36
S 22	18 13	9 34	4 48	16 3	1 33	1 56	0 29	12 24	2 10	6 19	1 27	22 42	0 15	4 4	0 43	11 13	1 49	24 9	11 29	13 30	13 33	19 26	17 52	5 37
M23	17 58	5 35	4 22	15 24	1 29	1 27	0 34	12 36	2 10	6 19	1 27	22 43	0 15	4 2	0 43	11 13	1 49	24 10	11 29	13 26	13 32	19 26	17 52	5 37
T 24	17 43	1 17	3 42	14 44	1 24	0 57	0 40	12 47	2 10	6 20	1 27	22 43	0 14	4 1	0 43	11 13	1 49	24 10	11 29	13 23	13 31	19 26	17 51	5 37
W25	17 27	3n 8	2 49	14 3	1 19	0 28	0 46	12 58	2 10	6 20	1 28	22 43	0 14	4 0	0 43	11 13	1 49	24 11	11 30	13 21	13 29	19 26	17 51	5 38
T 26	17 11	7 28	1 47	13 22	1 14	0s 1	0 52	13 9	2 9	6 20	1 28	22 44	0 14	3 59	0 43	11 13	1 49	24 11	11 30	13 20	13 28	19 26	17 51	5 38
F 27	16 55	11 29	0 37	12 41	1 8	0 30	0 59	13 20	2 9	6 20	1 28	22 44	0 14	3 57	0 43	11 13	1 49	24 12	11 30	13 20	13 27	19 26	17 50	5 39
S 28	16 38	14 57	0s36	11 59	1 2	0 59	1 5	13 31	2 9	6 20	1 29	22 45	0 14	3 56	0 43	11 13	1 49	24 13	11 30	13 20	13 26	19 26	17 50	5 39
S 29	16 22	17 36	1 48	11 17	0 56	1 28	1 11	13 42	2 8	6 20	1 29	22 45	0 14	3 55	0 43	11 13	1 49	24 13	11 30	13 20	13 25	19 26	17 50	5 39
M30	16 5	19 11	2 55	10 35	0 49	1 57	1 18	13 52	2 8	6 20	1 29	22 45	0 14	3 53	0 43	11 13	1 49	24 14	11 30	13 19	13 24	19 26	17 49	5 40
T 31	15n47	19n33	3s51	9n53	0n42	2s26	1s24	14n 2	2s 8	6n19	1s29	22s46	0n14	3n52	0n43	11n13	1s49	24s14	11s30	13s18	13s23	19s26	17n49	5s40

Julian Day Number = 2286646.5, Delta T = 183.12 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'24, Lahiri = 17°33'25 Julian Calendar 1 July 1548 == Greg. Calendar 11 July 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

AUGUST 1548 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 17 1	17♌55'57	9♋30	7♍52	3♎48	14♉32	19°R38	11°R31	21♍59	4°R 9	24°R21	5°R 7	5♏27	16♐13	28♊24	W 1
T 2	21 20 58	18°53'41	24° 7	9°26	4°45	15° 5	19♈38	11♑28	22° 3	4♉ 8	24♒20	4♏58	5°24	16°19	28°28	T 2
F 3	21 24 55	19°51'27	8♌40	10°59	5°40	15°38	19°37	11°25	22° 6	4° 8	24°18	4°47	5°20	16°26	28°33	F 3
S 4	21 28 51	20°49'14	23° 1	12°30	6°36	16°10	19°36	11°22	22° 9	4° 8	24°17	4°36	5°17	16°33	28°37	S 4
S 5	21 32 48	21°47'02	7♍ 4	13°59	7°31	16°42	19°35	11°20	22°13	4° 8	24°16	4°26	5°14	16°40	28°41	S 5
M 6	21 36 44	22°44'52	20°44	15°28	8°25	17°14	19°34	11°17	22°16	4° 8	24°14	4°18	5°11	16°46	28°45	M 6
T 7	21 40 41	23°42'43	4♎ 1	16°54	9°19	17°46	19°32	11°14	22°19	4° 7	24°13	4°12	5° 8	16°53	28°50	T 7
W 8	21 44 37	24°40'36	16°53	18°19	10°12	18°17	19°31	11°11	22°23	4° 7	24°12	4° 8	5° 4	17° 0	28°54	W 8
T 9	21 48 34	25°38'29	29°23	19°43	11° 5	18°48	19°29	11° 9	22°26	4° 7	24°11	4°D 7	5° 1	17° 6	28°58	T 9
F 10	21 52 30	26°36'25	11♏36	21° 5	11°57	19°19	19°27	11° 6	22°30	4° 6	24° 9	4° 7	4°58	17°13	29° 1	F 10
S 11	21 56 27	27°34'21	23°35	22°26	12°49	19°49	19°25	11° 4	22°33	4° 6	24° 8	4°R 7	4°55	17°20	29° 5	S 11
S 12	22 0 23	28°32'19	5♐28	23°45	13°39	20°20	19°22	11° 2	22°37	4° 5	24° 7	4° 7	4°52	17°26	29° 9	S 12
M13	22 4 20	29°30'18	17°18	25° 2	14°30	20°49	19°20	11° 0	22°40	4° 5	24° 5	4° 5	4°49	17°33	29°13	M13
T 14	22 8 17	0♍28'18	29°10	26°17	15°19	21°19	19°17	10°58	22°44	4° 4	24° 4	4° 2	4°45	17°40	29°17	T 14
W15	22 12 13	1°26'20	11♑10	27°31	16° 8	21°48	19°14	10°56	22°47	4° 4	24° 3	3°55	4°42	17°46	29°20	W15
T 16	22 16 10	2°24'24	23°21	28°42	16°56	22°16	19°11	10°54	22°51	4° 3	24° 1	3°47	4°39	17°53	29°24	T 16
F 17	22 20 6	3°22'29	5♒46	29°52	17°43	22°44	19° 7	10°52	22°55	4° 3	24° 0	3°37	4°36	18° 0	29°27	F 17
S 18	22 24 3	4°20'35	18°25	1♎ 0	18°29	23°12	19° 4	10°50	22°58	4° 2	23°59	3°27	4°33	18° 6	29°31	S 18
S 19	22 27 59	5°18'43	1♓20	2° 5	19°15	23°40	19° 0	10°48	23° 2	4° 1	23°58	3°16	4°29	18°13	29°34	S 19
M20	22 31 56	6°16'53	14°30	3° 9	20° 0	24° 7	18°56	10°47	23° 6	4° 0	23°56	3° 7	4°26	18°20	29°38	M20
T 21	22 35 52	7°15'04	27°53	4°10	20°43	24°34	18°52	10°45	23° 9	4° 0	23°55	3° 1	4°23	18°26	29°41	T 21
W22	22 39 49	8°13'18	11♈27	5° 8	21°26	25° 0	18°48	10°44	23°13	3°59	23°54	2°56	4°20	18°33	29°44	W22
T 23	22 43 46	9°11'33	25°11	6° 3	22° 8	25°26	18°43	10°43	23°17	3°58	23°53	2°54	4°17	18°40	29°47	T 23
F 24	22 47 42	10° 9'50	9♉ 3	6°56	22°49	25°51	18°38	10°41	23°20	3°57	23°51	2°D54	4°14	18°46	29°50	F 24
S 25	22 51 39	11° 8'10	23° 2	7°46	23°28	26°16	18°34	10°40	23°24	3°57	23°50	2°55	4°10	18°53	29°53	S 25
S 26	22 55 35	12° 6'32	7♊ 6	8°32	24° 7	26°41	18°29	10°39	23°28	3°56	23°49	2°R56	4° 7	19° 0	29°56	S 26
M27	22 59 32	13° 4'56	21°16	9°15	24°45	27° 5	18°23	10°38	23°31	3°55	23°48	2°56	4° 4	19° 6	29°59	M27
T 28	23 3 28	14° 3'22	5♋29	9°54	25°21	27°29	18°18	10°37	23°35	3°54	23°47	2°54	4° 1	19°13	0♋ 2	T 28
W29	23 7 25	15° 1'50	19°43	10°29	25°56	27°52	18°13	10°37	23°39	3°53	23°45	2°50	3°58	19°20	0° 4	W29
T 30	23 11 21	16° 0'21	3♌54	10°59	26°30	28°14	18° 7	10°36	23°43	3°52	23°44	2°44	3°55	19°27	0° 7	T 30
F 31	23 15 18	16♍58'53	18♌ 0	11♎25	27♎ 2	28♉37	18♈ 1	10♑36	23♍46	3♉51	23♒43	2♏37	3♏51	19♐33	0♋10	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	15n30	18n38	4s32	9n11	0n35	2s54	1s31	14n13	2s 7	6n19	1s30	22s46	0n14	3n51	0n43	11n13	1s49	24s15	11s30	13s16	13s22	19s26	17n49	5s41
T 2	15 12	16 29	4 56	8 28	0 27	3 23	1 38	14 23	2 7	6 19	1 30	22 46	0 14	3 50	0 43	11 13	1 49	24 15	11 30	13 12	13 21	19 26	17 48	5 41
F 3	14 54	13 18	5 1	7 46	0 20	3 51	1 44	14 33	2 6	6 18	1 30	22 47	0 13	3 48	0 43	11 13	1 49	24 16	11 30	13 9	13 20	19 26	17 48	5 41
S 4	14 35	9 22	4 46	7 4	0 12	4 20	1 51	14 42	2 6	6 18	1 30	22 47	0 13	3 47	0 43	11 13	1 49	24 16	11 31	13 5	13 19	19 26	17 47	5 42
S 5	14 17	5 0	4 15	6 22	0 4	4 48	1 58	14 52	2 5	6 17	1 31	22 48	0 13	3 45	0 43	11 12	1 50	24 17	11 31	13 2	13 18	19 26	17 47	5 42
M 6	13 58	0 29	3 29	5 40	0s 5	5 16	2 5	15 1	2 5	6 16	1 31	22 48	0 13	3 44	0 43	11 12	1 50	24 17	11 31	12 59	13 17	19 26	17 47	5 43
T 7	13 39	3s56	2 33	4 59	0 13	5 44	2 12	15 11	2 4	6 15	1 31	22 48	0 13	3 43	0 43	11 12	1 50	24 18	11 31	12 57	13 16	19 26	17 46	5 43
W 8	13 20	8 2	1 30	4 18	0 22	6 11	2 20	15 20	2 4	6 15	1 31	22 49	0 13	3 41	0 43	11 12	1 50	24 18	11 31	12 56	13 15	19 26	17 46	5 44
T 9	13 0	11 40	0 25	3 37	0 30	6 39	2 27	15 29	2 3	6 14	1 32	22 49	0 13	3 40	0 43	11 12	1 50	24 19	11 31	12 55	13 14	19 26	17 45	5 44
F 10	12 41	14 43	0n40	2 57	0 39	7 6	2 34	15 38	2 3	6 13	1 32	22 49	0 13	3 39	0 43	11 12	1 50	24 19	11 31	12 55	13 13	19 26	17 45	5 45
S 11	12 21	17 4	1 42	2 17	0 48	7 33	2 42	15 46	2 2	6 12	1 32	22 49	0 13	3 37	0 43	11 11	1 50	24 20	11 31	12 55	13 11	19 26	17 44	5 45
S 12	12 1	18 39	2 39	1 37	0 57	8 0	2 49	15 55	2 2	6 10	1 32	22 50	0 13	3 36	0 43	11 11	1 50	24 20	11 31	12 55	13 10	19 26	17 44	5 46
M13	11 40	19 25	3 29	0 58	1 6	8 27	2 57	16 3	2 1	6 9	1 33	22 50	0 12	3 34	0 43	11 11	1 50	24 21	11 31	12 55	13 9	19 26	17 44	5 46
T 14	11 20	19 19	4 10	0 20	1 15	8 53	3 5	16 12	2 0	6 8	1 33	22 50	0 12	3 33	0 43	11 11	1 50	24 21	11 31	12 53	13 8	19 26	17 43	5 47
W15	10 59	18 22	4 41	0s18	1 24	9 19	3 12	16 20	2 0	6 7	1 33	22 51	0 12	3 32	0 43	11 11	1 50	24 22	11 31	12 51	13 7	19 26	17 43	5 47
T 16	10 39	16 33	4 59	0 55	1 33	9 45	3 20	16 28	1 59	6 5	1 33	22 51	0 12	3 30	0 43	11 10	1 50	24 22	11 31	12 49	13 6	19 26	17 42	5 48
F 17	10 18	13 58	5 4	1 31	1 42	10 10	3 28	16 36	1 58	6 4	1 34	22 51	0 12	3 29	0 43	11 10	1 50	24 22	11 31	12 45	13 5	19 26	17 42	5 48
S 18	9 56	10 41	4 54	2 6	1 51	10 35	3 36	16 43	1 57	6 2	1 34	22 51	0 12	3 27	0 43	11 10	1 50	24 23	11 31	12 42	13 4	19 26	17 41	5 49
S 19	9 35	6 50	4 29	2 41	2 1	11 0	3 44	16 51	1 57	6 0	1 34	22 52	0 12	3 26	0 43	11 9	1 50	24 23	11 31	12 38	13 3	19 25	17 41	5 49
M20	9 14	2 35	3 49	3 14	2 10	11 24	3 52	16 58	1 56	5 59	1 34	22 52	0 12	3 24	0 43	11 9	1 50	24 24	11 31	12 35	13 2	19 25	17 40	5 50
T 21	8 52	1n51	2 56	3 46	2 18	11 48	3 59	17 6	1 55	5 57	1 35	22 52	0 12	3 23	0 43	11 9	1 50	24 24	11 31	12 33	13 1	19 25	17 40	5 50
W22	8 30	6 16	1 53	4 18	2 27	12 12	4 8	17 13	1 54	5 55	1 35	22 52	0 12	3 21	0 43	11 9	1 50	24 25	11 31	12 31	13 0	19 25	17 39	5 51
T 23	8 9	10 25	0 41	4 48	2 36	12 35	4 16	17 20	1 53	5 53	1 35	22 52	0 11	3 20	0 43	11 8	1 51	24 25	11 31	12 31	12 59	19 25	17 39	5 51
F 24	7 47	14 2	0s33	5 16	2 44	12 58	4 24	17 27	1 52	5 51	1 35	22 53	0 11	3 18	0 43	11 8	1 51	24 25	11 31	12 30	12 58	19 25	17 38	5 52
S 25	7 24	16 52	1 46	5 44	2 53	13 20	4 32	17 33	1 52	5 49	1 35	22 53	0 11	3 17	0 43	11 8	1 51	24 26	11 31	12 31	12 56	19 25	17 37	5 52
S 26	7 2	18 42	2 53	6 9	3 1	13 42	4 40	17 40	1 51	5 47	1 36	22 53	0 11	3 15	0 43	11 7	1 51	24 26	11 31	12 31	12 55	19 25	17 37	5 53
M27	6 40	19 22	3 51	6 33	3 8	14 4	4 48	17 46	1 50	5 45	1 36	22 53	0 11	3 14	0 43	11 7	1 51	24 27	11 31	12 31	12 54	19 25	17 36	5 53
T 28	6 17	18 49	4 34	6 56	3 16	14 25	4 56	17 53	1 49	5 43	1 36	22 53	0 11	3 12	0 43	11 7	1 51	24 27	11 31	12 30	12 53	19 25	17 36	5 54
W29	5 55	17 6	5 0	7 16	3 23	14 45	5 4	17 59	1 48	5 41	1 36	22 53	0 11	3 11	0 43	11 6	1 51	24 27	11 31	12 29	12 52	19 25	17 35	5 55
T 30	5 32	14 20	5 8	7 34	3 29	15 5	5 12	18 5	1 47	5 38	1 36	22 54	0 11	3 9	0 43	11 6	1 51	24 28	11 31	12 27	12 51	19 25	17 35	5 55
F 31	5n 9	10n45	4s57	7s49	3s35	15s25	5s20	18n11	1s46	5n36	1s36	22s54	0n11	3n 8	0n43	11n 5	1s51	24s28	11s30	12s25	12s50	19s24	17n34	5s56

Julian Day Number = 2286677.5, Delta T = 182.94 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'28, Lahiri = 17°33'29 Julian Calendar 1 Aug. 1548 == Greg. Calendar 11 Aug. 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

SEPTEMBER 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 19 15	17♍57'28	1♍55	11♎46	27♎33	28♉58	17°R55	10°R35	23♍50	3°R50	23°R42	2°R29	3♏48	19♐40	0♋12	S 1
S 2	23 23 11	18°56'04	15°36	12° 1	28° 3	29°19	17♈49	10♌35	23°54	3♉49	23♒41	2♏22	3°45	19°47	0°14	S 2
M 3	23 27 8	19°54'43	29° 0	12°11	28°31	29°40	17°43	10°35	23°58	3°48	23°40	2°17	3°42	19°53	0°17	M 3
T 4	23 31 4	20°53'23	12♎ 4	12°R14	28°58	29°59	17°37	10°34	24° 2	3°47	23°38	2°13	3°39	20° 0	0°19	T 4
W 5	23 35 1	21°52'05	24°49	12°11	29°23	0♊19	17°30	10°D34	24° 5	3°45	23°37	2°11	3°35	20° 7	0°21	W 5
T 6	23 38 57	22°50'50	7♏16	12° 1	29°46	0°38	17°23	10°34	24° 9	3°44	23°36	2°D11	3°32	20°13	0°23	T 6
F 7	23 42 54	23°49'36	19°27	11°44	0♏ 8	0°56	17°17	10°35	24°13	3°43	23°35	2°12	3°29	20°20	0°25	F 7
S 8	23 46 50	24°48'23	1♐27	11°20	0°28	1°14	17°10	10°35	24°17	3°42	23°34	2°14	3°26	20°27	0°27	S 8
S 9	23 50 47	25°47'13	13°20	10°48	0°46	1°31	17° 3	10°35	24°20	3°41	23°33	2°15	3°23	20°33	0°29	S 9
M10	23 54 43	26°46'04	25°11	10°10	1° 2	1°48	16°56	10°36	24°24	3°39	23°32	2°R16	3°20	20°40	0°31	M10
T 11	23 58 40	27°44'57	7♑ 4	9°24	1°16	2° 3	16°49	10°36	24°28	3°38	23°31	2°16	3°16	20°47	0°33	T 11
W12	0 2 37	28°43'52	19° 5	8°31	1°28	2°18	16°41	10°37	24°32	3°37	23°30	2°14	3°13	20°53	0°34	W12
T 13	0 6 33	29°42'49	1♒18	7°33	1°37	2°33	16°34	10°37	24°36	3°35	23°29	2°10	3°10	21° 0	0°36	T 13
F 14	0 10 30	0♎41'47	13°47	6°30	1°45	2°47	16°26	10°38	24°39	3°34	23°28	2° 6	3° 7	21° 7	0°37	F 14
S 15	0 14 26	1°40'48	26°35	5°23	1°51	3° 0	16°19	10°39	24°43	3°33	23°27	2° 1	3° 4	21°14	0°38	S 15
S 16	0 18 23	2°39'50	9♓43	4°15	1°54	3°12	16°11	10°40	24°47	3°31	23°26	1°56	3° 0	21°20	0°40	S 16
M17	0 22 19	3°38'54	23°10	3° 6	1°R55	3°24	16° 4	10°41	24°51	3°30	23°25	1°52	2°57	21°27	0°41	M17
T 18	0 26 16	4°38'00	6♈55	1°58	1°53	3°35	15°56	10°43	24°54	3°29	23°24	1°49	2°54	21°34	0°42	T 18
W19	0 30 12	5°37'08	20°54	0°54	1°49	3°46	15°48	10°44	24°58	3°27	23°23	1°47	2°51	21°40	0°43	W19
T 20	0 34 9	6°36'18	5♉ 5	29♍55	1°43	3°55	15°40	10°45	25° 2	3°26	23°22	1°D47	2°48	21°47	0°44	T 20
F 21	0 38 6	7°35'31	19°23	29° 3	1°34	4° 4	15°32	10°47	25° 6	3°24	23°21	1°47	2°45	21°54	0°45	F 21
S 22	0 42 2	8°34'46	3♊43	28°19	1°23	4°12	15°24	10°49	25° 9	3°23	23°21	1°49	2°41	22° 0	0°46	S 22
S 23	0 45 59	9°34'03	18° 3	27°45	1° 9	4°19	15°16	10°50	25°13	3°21	23°20	1°50	2°38	22° 7	0°46	S 23
M24	0 49 55	10°33'22	2♋18	27°21	0°54	4°26	15° 8	10°52	25°17	3°20	23°19	1°51	2°35	22°14	0°47	M24
T 25	0 53 52	11°32'44	16°27	27° 7	0°35	4°31	15° 0	10°54	25°20	3°18	23°18	1°R51	2°32	22°20	0°48	T 25
W26	0 57 48	12°32'09	0♌28	27°D 5	0°15	4°36	14°52	10°56	25°24	3°17	23°17	1°50	2°29	22°27	0°48	W26
T 27	1 1 45	13°31'35	14°20	27°13	29♎52	4°40	14°44	10°58	25°28	3°15	23°17	1°49	2°26	22°34	0°48	T 27
F 28	1 5 41	14°31'04	28° 0	27°32	29°28	4°43	14°36	11° 0	25°31	3°14	23°16	1°46	2°22	22°40	0°49	F 28
S 29	1 9 38	15°30'35	11♍28	28° 1	29° 1	4°46	14°28	11° 3	25°35	3°12	23°15	1°44	2°19	22°47	0°49	S 29
S 30	1 13 35	16♎30'09	24♍43	28♍39	28♎33	4♊47	14♈19	11♑ 5	25♍38	3♉10	23♒15	1♏42	2♏16	22♐54	0♋49	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	4n46	6n38	4s29	8s 2	3s40	15s44	5s28	18n17	1s44	5n34	1s37	22s54	0n11	3n 6	0n43	11n 5	1s51	24s28	11s30	12s22	12s49	19s24	17n34	5s56
S 2	4 23	2 14	3 45	8 13	3 45	16 2	5 36	18 22	1 43	5 31	1 37	22 54	0 10	3 5	0 43	11 5	1 51	24 29	11 30	12 20	12 48	19 24	17 33	5 57
M 3	4 0	2s12	2 50	8 20	3 49	16 19	5 44	18 28	1 42	5 29	1 37	22 54	0 10	3 3	0 43	11 4	1 51	24 29	11 30	12 18	12 47	19 24	17 32	5 57
T 4	3 37	6 25	1 47	8 24	3 52	16 36	5 52	18 33	1 41	5 26	1 37	22 54	0 10	3 2	0 43	11 4	1 51	24 29	11 30	12 16	12 46	19 24	17 32	5 58
W 5	3 14	10 15	0 40	8 25	3 54	16 53	6 0	18 38	1 40	5 23	1 37	22 54	0 10	3 0	0 43	11 3	1 51	24 30	11 30	12 16	12 45	19 24	17 31	5 59
T 6	2 51	13 32	0n28	8 21	3 54	17 8	6 7	18 44	1 38	5 21	1 37	22 54	0 10	2 59	0 43	11 3	1 51	24 30	11 30	12 16	12 43	19 24	17 31	5 59
F 7	2 27	16 9	1 33	8 14	3 54	17 23	6 15	18 49	1 37	5 18	1 37	22 55	0 10	2 57	0 43	11 2	1 51	24 30	11 30	12 16	12 42	19 24	17 30	6 0
S 8	2 4	18 0	2 33	8 3	3 52	17 37	6 22	18 53	1 36	5 15	1 38	22 55	0 10	2 56	0 43	11 2	1 51	24 30	11 30	12 17	12 41	19 24	17 29	6 0
S 9	1 41	19 3	3 26	7 47	3 48	17 50	6 29	18 58	1 35	5 12	1 38	22 55	0 10	2 54	0 43	11 2	1 51	24 31	11 30	12 17	12 40	19 23	17 29	6 1
M10	1 17	19 15	4 10	7 27	3 43	18 2	6 36	19 3	1 33	5 10	1 38	22 55	0 10	2 53	0 43	11 1	1 51	24 31	11 30	12 17	12 39	19 23	17 28	6 2
T 11	0 54	18 36	4 43	7 2	3 36	18 14	6 43	19 7	1 32	5 7	1 38	22 55	0 10	2 51	0 43	11 1	1 51	24 31	11 29	12 17	12 38	19 23	17 28	6 2
W12	0 30	17 7	5 4	6 34	3 27	18 24	6 50	19 12	1 30	5 4	1 38	22 55	0 9	2 50	0 43	11 0	1 51	24 31	11 29	12 16	12 37	19 23	17 27	6 3
T 13	0 7	14 50	5 12	6 1	3 16	18 34	6 56	19 16	1 29	5 1	1 38	22 55	0 9	2 48	0 43	11 0	1 52	24 32	11 29	12 15	12 36	19 23	17 26	6 3
F 14	0s17	11 50	5 6	5 24	3 4	18 42	7 2	19 20	1 27	4 58	1 38	22 55	0 9	2 47	0 43	10 59	1 52	24 32	11 29	12 14	12 35	19 23	17 26	6 4
S 15	0 40	8 13	4 44	4 44	2 49	18 49	7 8	19 24	1 26	4 55	1 38	22 55	0 9	2 45	0 43	10 59	1 52	24 32	11 29	12 12	12 34	19 22	17 25	6 5
S 16	1 4	4 7	4 8	4 2	2 33	18 56	7 14	19 28	1 24	4 52	1 38	22 55	0 9	2 44	0 43	10 58	1 52	24 32	11 29	12 10	12 33	19 22	17 25	6 5
M17	1 27	0n17	3 16	3 18	2 15	19 1	7 19	19 32	1 22	4 49	1 38	22 55	0 9	2 42	0 43	10 58	1 52	24 32	11 29	12 9	12 32	19 22	17 24	6 6
T 18	1 51	4 46	2 12	2 34	1 56	19 5	7 24	19 36	1 21	4 46	1 38	22 55	0 9	2 41	0 43	10 57	1 52	24 33	11 28	12 8	12 30	19 22	17 23	6 6
W19	2 14	9 6	0 59	1 50	1 36	19 7	7 28	19 40	1 19	4 43	1 38	22 55	0 9	2 40	0 43	10 57	1 52	24 33	11 28	12 7	12 29	19 22	17 23	6 7
T 20	2 38	12 58	0s18	1 8	1 16	19 9	7 32	19 43	1 17	4 40	1 38	22 55	0 9	2 38	0 43	10 56	1 52	24 33	11 28	12 7	12 28	19 22	17 22	6 8
F 21	3 1	16 5	1 35	0 28	0 55	19 9	7 35	19 47	1 15	4 37	1 39	22 55	0 9	2 37	0 43	10 56	1 52	24 33	11 28	12 7	12 27	19 21	17 21	6 8
S 22	3 25	18 13	2 47	0n 8	0 35	19 7	7 38	19 50	1 14	4 34	1 39	22 55	0 8	2 35	0 43	10 55	1 52	24 33	11 28	12 8	12 26	19 21	17 21	6 9
S 23	3 48	19 10	3 48	0 40	0 15	19 4	7 40	19 53	1 12	4 31	1 39	22 55	0 8	2 34	0 43	10 55	1 52	24 33	11 28	12 8	12 25	19 21	17 20	6 9
M24	4 11	18 54	4 35	1 7	0n 3	19 0	7 42	19 56	1 10	4 28	1 39	22 55	0 8	2 32	0 43	10 54	1 52	24 34	11 28	12 9	12 24	19 21	17 20	6 10
T 25	4 35	17 27	5 4	1 28	0 21	18 54	7 42	19 59	1 8	4 24	1 39	22 55	0 8	2 31	0 43	10 53	1 52	24 34	11 27	12 9	12 23	19 21	17 19	6 11
W26	4 58	14 58	5 15	1 44	0 38	18 47	7 43	20 2	1 6	4 21	1 39	22 55	0 8	2 29	0 43	10 53	1 52	24 34	11 27	12 8	12 22	19 21	17 18	6 11
T 27	5 21	11 39	5 8	1 55	0 53	18 39	7 42	20 5	1 4	4 18	1 39	22 55	0 8	2 28	0 43	10 52	1 52	24 34	11 27	12 8	12 21	19 20	17 18	6 12
F 28	5 44	7 46	4 43	2 0	1 6	18 29	7 41	20 7	1 2	4 15	1 39	22 54	0 8	2 26	0 43	10 52	1 52	24 34	11 27	12 7	12 20	19 20	17 17	6 13
S 29	6 7	3 32	4 3	1 59	1 18	18 17	7 39	20 10	0 59	4 12	1 38	22 54	0 8	2 25	0 43	10 51	1 52	24 34	11 27	12 6	12 18	19 20	17 16	6 13
S 30	6s30	0s48	3s10	1n54	1n29	18s 4	7s36	20n12	0s57	4n 9	1s38	22s54	0n 8	2n24	0n43	10n51	1s52	24s34	11s26	12s 6	12s17	19s20	17n16	6s14

Julian Day Number = 2286708.5, Delta T = 182.75 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'33, Lahiri = 17°33'33 Julian Calendar 1 Sept. 1548 == Greg. Calendar 11 Sept. 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

OCTOBER 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 17 31	17♎29'44	7♎43	29♍26	28°R 3	4°R48	14°R11	11♌ 7	25♍42	3°R 9	23°R14	1°R40	2♏13	23♐ 1	0°R49	M 1
T 2	1 21 28	18°29'22	20°29	0♎21	27♎31	4♊47	14♈ 3	11°10	25°46	3♉ 7	23♒13	1♏39	2°10	23° 7	0♋49	T 2
W 3	1 25 24	19°29'01	3♏ 1	1°23	26°58	4°46	13°55	11°13	25°49	3° 5	23°13	1°D39	2° 6	23°14	0°49	W 3
T 4	1 29 21	20°28'43	15°20	2°31	26°24	4°44	13°47	11°15	25°53	3° 4	23°12	1°39	2° 3	23°21	0°48	T 4
F 5	1 33 17	21°28'26	27°26	3°44	25°48	4°41	13°39	11°18	25°56	3° 2	23°11	1°40	2° 0	23°27	0°48	F 5
S 6	1 37 14	22°28'12	9♐24	5° 3	25°13	4°37	13°31	11°21	26° 0	3° 1	23°11	1°41	1°57	23°34	0°48	S 6
S 7	1 41 10	23°27'59	21°16	6°25	24°36	4°32	13°23	11°24	26° 3	2°59	23°10	1°42	1°54	23°41	0°47	S 7
M 8	1 45 7	24°27'48	3♌ 6	7°50	24° 0	4°26	13°16	11°27	26° 7	2°57	23°10	1°43	1°51	23°47	0°46	M 8
T 9	1 49 3	25°27'39	14°59	9°19	23°23	4°20	13° 8	11°31	26°10	2°56	23° 9	1°43	1°47	23°54	0°46	T 9
W10	1 53 0	26°27'31	26°58	10°50	22°47	4°12	13° 0	11°34	26°14	2°54	23° 9	1°R43	1°44	24° 1	0°45	W10
T 11	1 56 57	27°27'25	9♒ 9	12°23	22°11	4° 4	12°53	11°37	26°17	2°52	23° 8	1°43	1°41	24° 7	0°44	T 11
F 12	2 0 53	28°27'21	21°37	13°57	21°36	3°55	12°45	11°41	26°20	2°51	23° 8	1°43	1°38	24°14	0°43	F 12
S 13	2 4 50	29°27'18	4♓24	15°32	21° 2	3°44	12°38	11°44	26°24	2°49	23° 8	1°43	1°35	24°21	0°42	S 13
S 14	2 8 46	0♏27'18	17°34	17° 9	20°29	3°33	12°30	11°48	26°27	2°47	23° 7	1°42	1°32	24°28	0°41	S 14
M15	2 12 43	1°27'18	1♈ 9	18°46	19°57	3°22	12°23	11°52	26°30	2°45	23° 7	1°D42	1°28	24°34	0°40	M15
T 16	2 16 39	2°27'21	15° 7	20°24	19°28	3° 9	12°16	11°55	26°33	2°44	23° 7	1°42	1°25	24°41	0°39	T 16
W17	2 20 36	3°27'25	29°27	22° 2	18°59	2°56	12° 9	11°59	26°37	2°42	23° 6	1°R42	1°22	24°48	0°37	W17
T 18	2 24 32	4°27'31	14♉ 3	23°41	18°33	2°41	12° 2	12° 3	26°40	2°40	23° 6	1°42	1°19	24°54	0°36	T 18
F 19	2 28 29	5°27'39	28°48	25°19	18° 9	2°27	11°55	12° 7	26°43	2°39	23° 6	1°42	1°16	25° 1	0°34	F 19
S 20	2 32 26	6°27'49	13♊37	26°58	17°47	2°11	11°48	12°11	26°46	2°37	23° 6	1°42	1°12	25° 8	0°33	S 20
S 21	2 36 22	7°28'02	28°21	28°36	17°27	1°54	11°42	12°16	26°49	2°35	23° 6	1°41	1° 9	25°14	0°31	S 21
M22	2 40 19	8°28'16	12♋54	0♏14	17°10	1°37	11°35	12°20	26°52	2°34	23° 5	1°40	1° 6	25°21	0°29	M22
T 23	2 44 15	9°28'32	27°12	1°53	16°55	1°19	11°29	12°24	26°55	2°32	23° 5	1°40	1° 3	25°28	0°27	T 23
W24	2 48 12	10°28'50	11♌13	3°30	16°43	1° 1	11°23	12°29	26°58	2°30	23° 5	1°D40	1° 0	25°35	0°25	W24
T 25	2 52 8	11°29'10	24°55	5° 8	16°33	0°42	11°17	12°33	27° 1	2°29	23° 5	1°40	0°57	25°41	0°23	T 25
F 26	2 56 5	12°29'33	8♍19	6°46	16°25	0°22	11°11	12°38	27° 4	2°27	23° 5	1°41	0°53	25°48	0°21	F 26
S 27	3 0 1	13°29'57	21°27	8°23	16°20	0° 2	11° 5	12°42	27° 7	2°25	23° 5	1°42	0°50	25°55	0°19	S 27
S 28	3 3 58	14°30'23	4♎19	10° 0	16°18	29♉42	11° 0	12°47	27°10	2°24	23°D 5	1°43	0°47	26° 1	0°17	S 28
M29	3 7 55	15°30'51	16°57	11°37	16°D18	29°21	10°55	12°52	27°13	2°22	23° 5	1°44	0°44	26° 8	0°15	M29
T 30	3 11 51	16°31'20	29°24	13°13	16°20	28°59	10°49	12°57	27°16	2°20	23° 5	1°R44	0°41	26°15	0°12	T 30
W31	3 15 48	17♏31'52	11♏40	14♏49	16♎25	28♉38	10♈44	13♌ 2	27♍19	2♉19	23♒ 5	1♏44	0♏37	26♐21	0♋10	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	6s53	5s 2	2s 9	1n43	1n38	17s49	7s32	20n15	0s55	4n 6	1s38	22s54	0n 8	2n22	0n43	10n50	1s52	24s34	11s26	12s 5	12s16	19s19	17n15	6s14
T 2	7 16	8 58	1 1	1 28	1 46	17 34	7 28	20 17	0 53	4 3	1 38	22 54	0 8	2 21	0 43	10 50	1 52	24 34	11 26	12 5	12 15	19 19	17 15	6 15
W 3	7 38	12 26	0n 8	1 9	1 52	17 16	7 22	20 19	0 50	4 0	1 38	22 54	0 7	2 19	0 43	10 49	1 52	24 34	11 26	12 4	12 14	19 19	17 14	6 16
T 4	8 1	15 16	1 15	0 47	1 56	16 58	7 16	20 21	0 48	3 57	1 38	22 54	0 7	2 18	0 43	10 48	1 52	24 34	11 26	12 5	12 13	19 19	17 13	6 16
F 5	8 24	17 23	2 18	0 21	2 0	16 38	7 9	20 23	0 46	3 54	1 38	22 54	0 7	2 17	0 43	10 48	1 52	24 34	11 25	12 5	12 12	19 19	17 13	6 17
S 6	8 46	18 42	3 15	0s 8	2 3	16 18	7 1	20 24	0 43	3 51	1 38	22 53	0 7	2 15	0 43	10 47	1 52	24 34	11 25	12 5	12 11	19 18	17 12	6 17
S 7	9 8	19 11	4 2	0 39	2 4	15 56	6 52	20 26	0 41	3 48	1 38	22 53	0 7	2 14	0 43	10 47	1 52	24 34	11 25	12 6	12 10	19 18	17 12	6 18
M 8	9 30	18 49	4 39	1 13	2 4	15 33	6 42	20 27	0 38	3 45	1 38	22 53	0 7	2 12	0 43	10 46	1 52	24 34	11 25	12 6	12 9	19 18	17 11	6 19
T 9	9 52	17 37	5 4	1 48	2 4	15 10	6 32	20 29	0 35	3 42	1 38	22 53	0 7	2 11	0 43	10 46	1 52	24 34	11 25	12 6	12 7	19 18	17 10	6 19
W10	10 14	15 38	5 16	2 25	2 3	14 46	6 21	20 30	0 33	3 39	1 38	22 53	0 7	2 10	0 43	10 45	1 52	24 34	11 24	12 6	12 6	19 17	17 10	6 20
T 11	10 36	12 57	5 15	3 3	2 1	14 22	6 9	20 31	0 30	3 36	1 37	22 52	0 7	2 8	0 43	10 44	1 52	24 34	11 24	12 6	12 5	19 17	17 9	6 20
F 12	10 57	9 37	4 59	3 42	1 58	13 57	5 57	20 32	0 27	3 33	1 37	22 52	0 7	2 7	0 43	10 44	1 52	24 34	11 24	12 6	12 4	19 17	17 9	6 21
S 13	11 18	5 46	4 27	4 22	1 55	13 32	5 44	20 33	0 25	3 31	1 37	22 52	0 7	2 6	0 43	10 43	1 52	24 34	11 24	12 6	12 3	19 17	17 8	6 22
S 14	11 39	1 31	3 41	5 2	1 51	13 7	5 31	20 33	0 22	3 28	1 37	22 52	0 6	2 4	0 43	10 43	1 52	24 34	11 24	12 6	12 2	19 16	17 7	6 22
M15	12 0	2n56	2 42	5 43	1 47	12 42	5 17	20 34	0 19	3 25	1 37	22 52	0 6	2 3	0 43	10 42	1 52	24 34	11 23	12 6	12 1	19 16	17 7	6 23
T 16	12 21	7 22	1 31	6 24	1 43	12 18	5 3	20 34	0 16	3 22	1 37	22 51	0 6	2 2	0 43	10 42	1 52	24 34	11 23	12 6	12 0	19 16	17 6	6 23
W17	12 42	11 30	0 13	7 6	1 38	11 54	4 48	20 35	0 13	3 20	1 37	22 51	0 6	2 1	0 43	10 41	1 52	24 33	11 23	12 6	11 59	19 16	17 6	6 24
T 18	13 2	15 1	1s 8	7 47	1 32	11 30	4 34	20 35	0 10	3 17	1 36	22 51	0 6	1 59	0 43	10 40	1 52	24 33	11 23	12 6	11 58	19 15	17 5	6 25
F 19	13 22	17 35	2 25	8 28	1 27	11 7	4 19	20 35	0 7	3 15	1 36	22 50	0 6	1 58	0 43	10 40	1 52	24 33	11 22	12 6	11 56	19 15	17 5	6 25
S 20	13 42	18 58	3 32	9 9	1 21	10 45	4 4	20 35	0 4	3 12	1 36	22 50	0 6	1 57	0 43	10 39	1 52	24 33	11 22	12 5	11 55	19 15	17 4	6 26
S 21	14 2	19 4	4 25	9 50	1 15	10 23	3 48	20 34	0 1	3 10	1 36	22 50	0 6	1 56	0 43	10 39	1 52	24 33	11 22	12 5	11 54	19 14	17 3	6 26
M22	14 22	17 53	5 1	10 30	1 9	10 2	3 33	20 34	0n 2	3 8	1 36	22 50	0 6	1 54	0 43	10 38	1 52	24 33	11 22	12 5	11 53	19 14	17 3	6 27
T 23	14 41	15 36	5 16	11 10	1 3	9 43	3 18	20 33	0 5	3 5	1 35	22 49	0 6	1 53	0 43	10 38	1 52	24 33	11 21	12 5	11 52	19 14	17 2	6 27
W24	15 0	12 26	5 13	11 50	0 56	9 24	3 3	20 32	0 8	3 3	1 35	22 49	0 6	1 52	0 43	10 37	1 52	24 32	11 21	12 5	11 51	19 14	17 2	6 28
T 25	15 19	8 40	4 52	12 29	0 50	9 7	2 48	20 32	0 11	3 1	1 35	22 49	0 6	1 51	0 43	10 36	1 52	24 32	11 21	12 5	11 50	19 13	17 1	6 28
F 26	15 37	4 32	4 15	13 8	0 43	8 50	2 34	20 30	0 14	2 59	1 35	22 48	0 5	1 50	0 43	10 36	1 52	24 32	11 21	12 5	11 49	19 13	17 1	6 29
S 27	15 56	0 15	3 25	13 45	0 36	8 35	2 19	20 29	0 17	2 57	1 35	22 48	0 5	1 49	0 43	10 35	1 52	24 32	11 21	12 5	11 48	19 13	17 0	6 30
S 28	16 14	3s57	2 26	14 23	0 30	8 21	2 5	20 28	0 20	2 55	1 34	22 48	0 5	1 48	0 43	10 35	1 52	24 32	11 20	12 6	11 46	19 12	17 0	6 30
M29	16 31	7 55	1 21	14 59	0 23	8 8	1 51	20 26	0 23	2 53	1 34	22 47	0 5	1 46	0 43	10 34	1 52	24 31	11 20	12 6	11 45	19 12	16 59	6 31
T 30	16 49	11 29	0 13	15 35	0 16	7 56	1 37	20 25	0 27	2 51	1 34	22 47	0 5	1 45	0 43	10 34	1 52	24 31	11 20	12 6	11 44	19 12	16 59	6 31
W31	17s 6	14s30	0n55	16s10	0n10	7s45	1s24	20n23	0n30	2n50	1s34	22s46	0n 5	1n44	0n44	10n33	1s52	24s31	11s20	12s 6	11s43	19s11	16n58	6s32

Julian Day Number = 2286738.5, Delta T = 182.57 sec
Ecliptic obliquity = 23°29'45, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'37, Lahiri = 17°33'37 Julian Calendar 1 Oct. 1548 == Greg. Calendar 11 Oct. 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

NOVEMBER 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 19 44	18♏32'25	23♏47	16♏25	16♎32	28°R15	10°R39	13♑ 7	27♍21	2°R17	23♒ 5	1°R43	0♏34	26♐28	0°R 7	T 1
F 2	3 23 41	19°33'00	5♐47	18° 1	16°41	27♉53	10♈35	13°12	27°24	2♉16	23° 5	1♏41	0°31	26°35	0♋ 5	F 2
S 3	3 27 37	20°33'36	17°42	19°36	16°53	27°31	10°30	13°17	27°27	2°14	23° 6	1°38	0°28	26°42	0° 2	S 3
S 4	3 31 34	21°34'13	29°33	21°11	17° 7	27° 8	10°26	13°22	27°29	2°12	23° 6	1°35	0°25	26°48	29♊59	S 4
M 5	3 35 30	22°34'52	11♑22	22°46	17°22	26°46	10°22	13°27	27°32	2°11	23° 6	1°31	0°22	26°55	29°57	M 5
T 6	3 39 27	23°35'32	23°14	24°21	17°40	26°23	10°18	13°33	27°34	2° 9	23° 6	1°28	0°18	27° 2	29°54	T 6
W 7	3 43 24	24°36'13	5♒12	25°56	18° 0	26° 0	10°14	13°38	27°37	2° 8	23° 6	1°25	0°15	27° 8	29°51	W 7
T 8	3 47 20	25°36'55	17°20	27°30	18°22	25°38	10°10	13°43	27°39	2° 6	23° 7	1°24	0°12	27°15	29°48	T 8
F 9	3 51 17	26°37'39	29°42	29° 4	18°45	25°15	10° 7	13°49	27°42	2° 5	23° 7	1°D24	0° 9	27°22	29°45	F 9
S 10	3 55 13	27°38'23	12♓23	0♐38	19°11	24°53	10° 4	13°55	27°44	2° 3	23° 7	1°25	0° 6	27°28	29°42	S 10
S 11	3 59 10	28°39'09	25°26	2°12	19°38	24°31	10° 1	14° 0	27°46	2° 2	23° 8	1°26	0° 3	27°35	29°39	S 11
M12	4 3 6	29°39'55	8♈56	3°46	20° 6	24° 9	9°58	14° 6	27°48	2° 0	23° 8	1°28	29♎59	27°42	29°35	M12
T 13	4 7 3	0♐40'42	22°54	5°20	20°37	23°48	9°56	14°12	27°51	1°59	23° 9	1°29	29°56	27°49	29°32	T 13
W14	4 10 59	1°41'31	7♉19	6°54	21° 9	23°27	9°53	14°17	27°53	1°57	23° 9	1°R29	29°53	27°55	29°29	W14
T 15	4 14 56	2°42'21	22° 7	8°27	21°42	23° 6	9°51	14°23	27°55	1°56	23° 9	1°28	29°50	28° 2	29°25	T 15
F 16	4 18 53	3°43'11	7♊11	10° 1	22°17	22°46	9°49	14°29	27°57	1°55	23°10	1°25	29°47	28° 9	29°22	F 16
S 17	4 22 49	4°44'03	22°23	11°35	22°53	22°27	9°47	14°35	27°59	1°53	23°11	1°20	29°43	28°15	29°18	S 17
S 18	4 26 46	5°44'56	7♋33	13° 8	23°31	22° 8	9°46	14°41	28° 1	1°52	23°11	1°15	29°40	28°22	29°15	S 18
M19	4 30 42	6°45'51	22°29	14°42	24°10	21°49	9°44	14°47	28° 3	1°51	23°12	1°10	29°37	28°29	29°11	M19
T 20	4 34 39	7°46'46	7♌ 6	16°15	24°50	21°31	9°43	14°53	28° 5	1°49	23°12	1° 5	29°34	28°35	29° 8	T 20
W21	4 38 35	8°47'43	21°18	17°49	25°32	21°14	9°42	14°59	28° 7	1°48	23°13	1° 2	29°31	28°42	29° 4	W21
T 22	4 42 32	9°48'41	5♍ 4	19°22	26°14	20°57	9°42	15° 6	28° 9	1°47	23°14	1°D 1	29°28	28°49	29° 0	T 22
F 23	4 46 28	10°49'40	18°25	20°55	26°58	20°41	9°41	15°12	28°10	1°46	23°14	1° 1	29°24	28°56	28°57	F 23
S 24	4 50 25	11°50'41	1♎23	22°29	27°43	20°26	9°41	15°18	28°12	1°44	23°15	1° 2	29°21	29° 2	28°53	S 24
S 25	4 54 22	12°51'42	14° 1	24° 2	28°28	20°11	9°D41	15°24	28°14	1°43	23°16	1° 4	29°18	29° 9	28°49	S 25
M26	4 58 18	13°52'45	26°25	25°35	29°15	19°57	9°41	15°31	28°15	1°42	23°16	1°R 5	29°15	29°16	28°45	M26
T 27	5 2 15	14°53'49	8♏37	27° 8	0♏ 3	19°44	9°41	15°37	28°17	1°41	23°17	1° 5	29°12	29°22	28°41	T 27
W28	5 6 11	15°54'53	20°40	28°41	0°51	19°32	9°42	15°44	28°18	1°40	23°18	1° 3	29° 9	29°29	28°38	W28
T 29	5 10 8	16°55'59	2♐37	0♑14	1°41	19°20	9°42	15°50	28°20	1°39	23°19	0°58	29° 5	29°36	28°34	T 29
F 30	5 14 4	17♐57'05	14♐31	1♑47	2♏31	19♉10	9♈43	15♑57	28♍21	1♉38	23♒20	0♏51	29♎ 2	29♐42	28♊30	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	17s23	16s51	1n59	16s45	0n 3	7s36	1s10	20n21	0n33	2n48	1s33	22s46	0n 5	1n43	0n44	10n33	1s52	24s31	11s19	12s 6	11s42	19s11	16n58	6s32
F 2	17 40	18 25	2 57	17 18	0s 4	7 28	0 58	20 19	0 36	2 46	1 33	22 46	0 5	1 42	0 44	10 32	1 52	24 30	11 19	12 5	11 41	19 11	16 57	6 33
S 3	17 56	19 9	3 47	17 51	0 11	7 21	0 45	20 17	0 39	2 45	1 33	22 45	0 5	1 41	0 44	10 32	1 52	24 30	11 19	12 4	11 40	19 10	16 57	6 33
S 4	18 12	19 3	4 27	18 23	0 17	7 15	0 33	20 15	0 42	2 43	1 33	22 45	0 5	1 40	0 44	10 31	1 52	24 30	11 19	12 3	11 39	19 10	16 56	6 34
M 5	18 28	18 6	4 56	18 54	0 24	7 10	0 21	20 12	0 45	2 42	1 32	22 44	0 5	1 39	0 44	10 30	1 52	24 29	11 18	12 2	11 37	19 10	16 56	6 34
T 6	18 43	16 22	5 11	19 24	0 30	7 6	0 10	20 10	0 48	2 41	1 32	22 44	0 5	1 38	0 44	10 30	1 52	24 29	11 18	12 1	11 36	19 9	16 55	6 34
W 7	18 58	13 56	5 14	19 53	0 37	7 3	0n 1	20 7	0 51	2 39	1 32	22 43	0 4	1 37	0 44	10 29	1 52	24 29	11 18	12 0	11 35	19 9	16 55	6 35
T 8	19 13	10 52	5 3	20 21	0 43	7 2	0 12	20 5	0 54	2 38	1 31	22 43	0 4	1 36	0 44	10 29	1 52	24 28	11 18	11 59	11 34	19 9	16 54	6 35
F 9	19 27	7 17	4 37	20 48	0 49	7 1	0 22	20 2	0 56	2 37	1 31	22 42	0 4	1 35	0 44	10 28	1 52	24 28	11 17	11 59	11 33	19 8	16 54	6 36
S 10	19 41	3 16	3 58	21 14	0 55	7 1	0 33	19 59	0 59	2 36	1 31	22 42	0 4	1 34	0 44	10 28	1 52	24 28	11 17	12 0	11 32	19 8	16 54	6 36
S 11	19 54	1n 1	3 5	21 39	1 1	7 3	0 42	19 57	1 2	2 35	1 31	22 41	0 4	1 34	0 44	10 28	1 52	24 27	11 17	12 0	11 31	19 8	16 53	6 37
M12	20 8	5 24	2 1	22 3	1 7	7 5	0 52	19 54	1 5	2 34	1 30	22 41	0 4	1 33	0 44	10 27	1 52	24 27	11 17	12 1	11 30	19 7	16 53	6 37
T 13	20 20	9 39	0 47	22 26	1 13	7 8	1 1	19 51	1 7	2 34	1 30	22 40	0 4	1 32	0 44	10 27	1 52	24 27	11 16	12 1	11 29	19 7	16 52	6 37
W14	20 33	13 29	0s32	22 48	1 18	7 12	1 9	19 48	1 10	2 33	1 30	22 40	0 4	1 31	0 44	10 26	1 52	24 26	11 16	12 1	11 27	19 7	16 52	6 38
T 15	20 45	16 33	1 51	23 8	1 24	7 17	1 17	19 46	1 12	2 32	1 29	22 39	0 4	1 30	0 44	10 26	1 52	24 26	11 16	12 1	11 26	19 6	16 51	6 38
F 16	20 57	18 33	3 3	23 28	1 29	7 22	1 25	19 43	1 15	2 32	1 29	22 39	0 4	1 29	0 44	10 25	1 52	24 26	11 16	12 0	11 25	19 6	16 51	6 39
S 17	21 8	19 14	4 3	23 46	1 34	7 29	1 33	19 40	1 17	2 32	1 29	22 38	0 4	1 29	0 44	10 25	1 52	24 25	11 16	11 58	11 24	19 6	16 51	6 39
S 18	21 19	18 32	4 45	24 3	1 38	7 36	1 40	19 38	1 20	2 31	1 29	22 37	0 4	1 28	0 44	10 24	1 52	24 25	11 15	11 56	11 23	19 5	16 50	6 39
M19	21 29	16 33	5 8	24 19	1 43	7 44	1 48	19 35	1 22	2 31	1 28	22 37	0 4	1 27	0 44	10 24	1 51	24 24	11 15	11 54	11 22	19 5	16 50	6 40
T 20	21 39	13 33	5 10	24 34	1 47	7 52	1 54	19 32	1 24	2 31	1 28	22 36	0 3	1 26	0 44	10 24	1 51	24 24	11 15	11 53	11 21	19 4	16 50	6 40
W21	21 49	9 49	4 52	24 47	1 51	8 1	2 1	19 30	1 26	2 31	1 28	22 36	0 3	1 26	0 44	10 23	1 51	24 23	11 15	11 52	11 20	19 4	16 49	6 40
T 22	21 58	5 40	4 18	24 59	1 55	8 11	2 7	19 27	1 28	2 31	1 27	22 35	0 3	1 25	0 44	10 23	1 51	24 23	11 14	11 51	11 18	19 4	16 49	6 41
F 23	22 7	1 21	3 31	25 9	1 59	8 21	2 13	19 25	1 30	2 31	1 27	22 34	0 3	1 24	0 44	10 22	1 51	24 23	11 14	11 51	11 17	19 3	16 49	6 41
S 24	22 16	2s55	2 34	25 19	2 2	8 32	2 18	19 23	1 32	2 31	1 27	22 34	0 3	1 24	0 44	10 22	1 51	24 22	11 14	11 52	11 16	19 3	16 48	6 41
S 25	22 24	6 57	1 31	25 26	2 5	8 43	2 23	19 21	1 34	2 31	1 26	22 33	0 3	1 23	0 44	10 22	1 51	24 22	11 14	11 52	11 15	19 2	16 48	6 41
M26	22 31	10 37	0 25	25 33	2 7	8 55	2 28	19 19	1 36	2 31	1 26	22 32	0 3	1 23	0 44	10 21	1 51	24 21	11 13	11 53	11 14	19 2	16 48	6 42
T 27	22 38	13 46	0n41	25 38	2 10	9 7	2 33	19 17	1 38	2 32	1 26	22 32	0 3	1 22	0 44	10 21	1 51	24 21	11 13	11 53	11 13	19 2	16 47	6 42
W28	22 45	16 17	1 44	25 41	2 12	9 20	2 38	19 15	1 40	2 32	1 25	22 31	0 3	1 21	0 44	10 21	1 51	24 20	11 13	11 52	11 12	19 1	16 47	6 42
T 29	22 51	18 5	2 42	25 43	2 13	9 33	2 42	19 14	1 41	2 33	1 25	22 30	0 3	1 21	0 45	10 20	1 51	24 20	11 13	11 50	11 11	19 1	16 47	6 42
F 30	22s57	19s 5	3n32	25s43	2s14	9s47	2n46	19n12	1n43	2n34	1s25	22s30	0n 3	1n20	0n45	10n20	1s51	24s19	11s13	11s48	11s 9	19s 0	16n47	6s43

Julian Day Number = 2286769.5, Delta T = 182.39 sec
Ecliptic obliquity = 23°29'44, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'41, Lahiri = 17°33'42 Julian Calendar 1 Nov. 1548 == Greg. Calendar 11 Nov. 1548

ASTRODIENST EPHEMERIS for the year 1548
geocentric

DECEMBER 1548 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 18 1	18♐58'12	26♐22	3♑19	3♏22	19°R 0	9♈44	16♑ 3	28♍22	1°R37	23♒20	0°R43	28♎59	29♐49	28°R26	S 1
S 2	5 21 57	19°59'19	8♑13	4°51	4°14	18♉51	9°46	16°10	28°24	1♉36	23°21	0♏33	28°56	29°56	28♊22	S 2
M 3	5 25 54	21° 0'27	20° 5	6°22	5° 6	18°43	9°47	16°16	28°25	1°35	23°22	0°22	28°53	0♑ 3	28°18	M 3
T 4	5 29 51	22° 1'36	2♒ 0	7°53	5°59	18°35	9°49	16°23	28°26	1°34	23°23	0°12	28°49	0° 9	28°14	T 4
W 5	5 33 47	23° 2'44	13°59	9°23	6°53	18°29	9°51	16°30	28°27	1°33	23°24	0° 4	28°46	0°16	28°10	W 5
T 6	5 37 44	24° 3'53	26° 7	10°52	7°48	18°23	9°53	16°36	28°28	1°32	23°25	29♎58	28°43	0°23	28° 6	T 6
F 7	5 41 40	25° 5'02	8♓27	12°19	8°43	18°18	9°56	16°43	28°29	1°31	23°26	29°54	28°40	0°29	28° 2	F 7
S 8	5 45 37	26° 6'11	21° 2	13°46	9°39	18°14	9°58	16°50	28°30	1°30	23°27	29°D52	28°37	0°36	27°58	S 8
S 9	5 49 33	27° 7'20	3♈57	15°11	10°35	18°11	10° 1	16°57	28°31	1°29	23°28	29°52	28°34	0°43	27°54	S 9
M10	5 53 30	28° 8'29	17°16	16°33	11°32	18° 8	10° 4	17° 4	28°32	1°29	23°29	29°53	28°30	0°50	27°49	M10
T 11	5 57 26	29° 9'39	1♉ 2	17°54	12°30	18° 7	10° 7	17°10	28°32	1°28	23°30	29°R53	28°27	0°56	27°45	T 11
W12	6 1 23	0♑10'48	15°17	19°12	13°28	18° 6	10°11	17°17	28°33	1°27	23°31	29°52	28°24	1° 3	27°41	W12
T 13	6 5 20	1°11'57	29°59	20°26	14°26	18°D 6	10°14	17°24	28°34	1°26	23°33	29°49	28°21	1°10	27°37	T 13
F 14	6 9 16	2°13'06	15♊ 4	21°37	15°25	18° 7	10°18	17°31	28°34	1°26	23°34	29°43	28°18	1°16	27°33	F 14
S 15	6 13 13	3°14'15	0♋22	22°43	16°25	18° 8	10°22	17°38	28°35	1°25	23°35	29°35	28°15	1°23	27°29	S 15
S 16	6 17 9	4°15'25	15°44	23°44	17°25	18°10	10°26	17°45	28°35	1°25	23°36	29°25	28°11	1°30	27°25	S 16
M17	6 21 6	5°16'34	0♌57	24°39	18°25	18°13	10°30	17°52	28°36	1°24	23°37	29°15	28° 8	1°37	27°21	M17
T 18	6 25 2	6°17'44	15°51	25°28	19°26	18°17	10°35	17°59	28°36	1°24	23°39	29° 5	28° 5	1°43	27°17	T 18
W19	6 28 59	7°18'53	0♍19	26° 8	20°27	18°22	10°40	18° 6	28°36	1°23	23°40	28°58	28° 2	1°50	27°13	W19
T 20	6 32 56	8°20'03	14°17	26°41	21°29	18°27	10°44	18°13	28°37	1°23	23°41	28°53	27°59	1°57	27° 9	T 20
F 21	6 36 52	9°21'13	27°44	27° 3	22°31	18°33	10°50	18°20	28°37	1°22	23°42	28°51	27°55	2° 3	27° 5	F 21
S 22	6 40 49	10°22'23	10♎44	27°16	23°33	18°39	10°55	18°27	28°37	1°22	23°44	28°D50	27°52	2°10	27° 1	S 22
S 23	6 44 45	11°23'33	23°21	27°R17	24°36	18°47	11° 0	18°34	28°37	1°21	23°45	28°R50	27°49	2°17	26°57	S 23
M24	6 48 42	12°24'43	5♏39	27° 7	25°39	18°54	11° 6	18°41	28°R37	1°21	23°46	28°50	27°46	2°23	26°54	M24
T 25	6 52 38	13°25'53	17°44	26°45	26°43	19° 3	11°12	18°48	28°37	1°21	23°48	28°49	27°43	2°30	26°50	T 25
W26	6 56 35	14°27'04	29°40	26°12	27°47	19°12	11°18	18°55	28°37	1°21	23°49	28°44	27°40	2°37	26°46	W26
T 27	7 0 31	15°28'14	11♐32	25°27	28°51	19°22	11°24	19° 3	28°37	1°20	23°50	28°37	27°36	2°44	26°42	T 27
F 28	7 4 28	16°29'23	23°22	24°31	29°55	19°32	11°30	19°10	28°37	1°20	23°52	28°27	27°33	2°50	26°38	F 28
S 29	7 8 25	17°30'33	5♑12	23°27	1♐ 0	19°43	11°37	19°17	28°36	1°20	23°53	28°15	27°30	2°57	26°35	S 29
S 30	7 12 21	18°31'42	17° 5	22°16	2° 4	19°55	11°43	19°24	28°36	1°20	23°55	28° 0	27°27	3° 4	26°31	S 30
M31	7 16 18	19♑32'50	29♑ 2	21♑ 1	3♐10	20♉ 7	11♈50	19♑31	28♍36	1♉20	23♒56	27♎45	27♎24	3♑10	26♊27	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	23s 2	19s13	4n13	25s42	2s15	10s 0	2n50	19n11	1n44	2n34	1s24	22s29	0n 3	1n20	0n45	10n20	1s51	24s19	11s12	11s45	11s 8	19s 0	16n46	6s43
S 2	23 7	18 32	4 43	25 39	2 15	10 15	2 53	19 10	1 46	2 35	1 24	22 28	0 3	1 19	0 45	10 19	1 51	24 18	11 12	11 41	11 7	19 0	16 46	6 43
M 3	23 11	17 2	5 1	25 35	2 15	10 29	2 56	19 9	1 47	2 36	1 24	22 28	0 2	1 19	0 45	10 19	1 51	24 18	11 12	11 38	11 6	18 59	16 46	6 43
T 4	23 15	14 48	5 6	25 29	2 14	10 44	2 59	19 8	1 49	2 37	1 24	22 27	0 2	1 19	0 45	10 19	1 51	24 17	11 12	11 34	11 5	18 59	16 46	6 43
W 5	23 19	11 55	4 57	25 22	2 12	10 59	3 2	19 7	1 50	2 38	1 23	22 26	0 2	1 18	0 45	10 18	1 51	24 17	11 12	11 31	11 4	18 58	16 45	6 44
T 6	23 22	8 31	4 35	25 13	2 10	11 14	3 5	19 7	1 51	2 39	1 23	22 25	0 2	1 18	0 45	10 18	1 51	24 16	11 11	11 29	11 3	18 58	16 45	6 44
F 7	23 24	4 43	4 0	25 2	2 7	11 29	3 7	19 7	1 52	2 41	1 23	22 25	0 2	1 17	0 45	10 18	1 51	24 16	11 11	11 28	11 2	18 57	16 45	6 44
S 8	23 26	0 37	3 13	24 50	2 4	11 45	3 9	19 7	1 53	2 42	1 22	22 24	0 2	1 17	0 45	10 18	1 51	24 15	11 11	11 27	11 0	18 57	16 45	6 44
S 9	23 28	3n38	2 14	24 37	2 0	12 0	3 11	19 7	1 54	2 43	1 22	22 23	0 2	1 17	0 45	10 17	1 51	24 15	11 11	11 27	10 59	18 56	16 45	6 44
M10	23 29	7 50	1 7	24 22	1 55	12 16	3 13	19 7	1 55	2 45	1 22	22 22	0 2	1 16	0 45	10 17	1 51	24 14	11 11	11 27	10 58	18 56	16 45	6 44
T 11	23 30	11 46	0s 6	24 6	1 49	12 32	3 14	19 7	1 56	2 46	1 21	22 21	0 2	1 16	0 45	10 17	1 50	24 14	11 10	11 28	10 57	18 56	16 44	6 44
W12	23 30	15 10	1 21	23 49	1 43	12 48	3 16	19 8	1 57	2 48	1 21	22 21	0 2	1 16	0 45	10 17	1 50	24 13	11 10	11 27	10 56	18 55	16 44	6 44
T 13	23 29	17 42	2 33	23 30	1 35	13 4	3 17	19 9	1 58	2 49	1 21	22 20	0 2	1 16	0 45	10 17	1 50	24 12	11 10	11 26	10 55	18 55	16 44	6 44
F 14	23 29	19 4	3 36	23 11	1 27	13 21	3 18	19 10	1 59	2 51	1 20	22 19	0 2	1 16	0 45	10 17	1 50	24 12	11 10	11 24	10 54	18 54	16 44	6 44
S 15	23 27	19 5	4 25	22 51	1 17	13 37	3 19	19 11	1 59	2 53	1 20	22 18	0 2	1 15	0 45	10 16	1 50	24 11	11 10	11 21	10 52	18 54	16 44	6 44
S 16	23 26	17 41	4 54	22 30	1 6	13 53	3 19	19 12	2 0	2 55	1 20	22 17	0 2	1 15	0 45	10 16	1 50	24 11	11 10	11 17	10 51	18 53	16 44	6 44
M17	23 23	15 4	5 3	22 8	0 55	14 9	3 20	19 14	2 1	2 57	1 20	22 17	0 1	1 15	0 45	10 16	1 50	24 10	11 9	11 14	10 50	18 53	16 44	6 45
T 18	23 21	11 30	4 50	21 47	0 42	14 25	3 20	19 15	2 2	2 59	1 19	22 16	0 1	1 15	0 45	10 16	1 50	24 10	11 9	11 11	10 49	18 52	16 44	6 45
W19	23 18	7 20	4 19	21 26	0 28	14 41	3 20	19 17	2 2	3 1	1 19	22 15	0 1	1 15	0 45	10 16	1 50	24 9	11 9	11 8	10 48	18 52	16 44	6 44
T 20	23 14	2 55	3 34	21 5	0 13	14 57	3 20	19 19	2 3	3 3	1 19	22 14	0 1	1 15	0 45	10 16	1 50	24 8	11 9	11 6	10 47	18 51	16 44	6 44
F 21	23 10	1s30	2 37	20 44	0n 4	15 13	3 20	19 21	2 3	3 6	1 18	22 13	0 1	1 15	0 45	10 16	1 50	24 8	11 9	11 5	10 46	18 51	16 43	6 44
S 22	23 5	5 43	1 35	20 25	0 21	15 29	3 19	19 24	2 4	3 8	1 18	22 12	0 1	1 15	0 45	10 16	1 50	24 7	11 9	11 5	10 44	18 50	16 43	6 44
S 23	23 0	9 33	0 29	20 7	0 39	15 45	3 19	19 26	2 4	3 10	1 18	22 11	0 1	1 15	0 45	10 15	1 50	24 7	11 8	11 5	10 43	18 50	16 43	6 44
M24	22 55	12 52	0n36	19 51	0 57	16 1	3 18	19 29	2 5	3 13	1 17	22 10	0 1	1 15	0 45	10 15	1 50	24 6	11 8	11 5	10 42	18 49	16 43	6 44
T 25	22 49	15 35	1 39	19 36	1 16	16 16	3 17	19 32	2 5	3 15	1 17	22 9	0 1	1 15	0 46	10 15	1 50	24 6	11 8	11 5	10 41	18 49	16 43	6 44
W26	22 43	17 36	2 36	19 24	1 35	16 31	3 16	19 34	2 5	3 18	1 17	22 9	0 1	1 15	0 46	10 15	1 50	24 5	11 8	11 3	10 40	18 48	16 43	6 44
T 27	22 36	18 50	3 25	19 14	1 54	16 46	3 15	19 37	2 6	3 21	1 17	22 8	0 1	1 15	0 46	10 15	1 50	24 4	11 8	11 1	10 39	18 48	16 43	6 44
F 28	22 28	19 14	4 6	19 6	2 12	17 1	3 14	19 41	2 6	3 23	1 16	22 7	0 1	1 15	0 46	10 15	1 49	24 4	11 8	10 57	10 38	18 47	16 43	6 44
S 29	22 21	18 48	4 36	19 0	2 29	17 16	3 13	19 44	2 6	3 26	1 16	22 6	0 1	1 15	0 46	10 15	1 49	24 3	11 8	10 53	10 36	18 47	16 43	6 44
S 30	22 13	17 32	4 54	18 56	2 45	17 30	3 11	19 47	2 6	3 29	1 16	22 5	0 1	1 15	0 46	10 15	1 49	24 2	11 8	10 47	10 35	18 46	16 43	6 44
M31	22s 4	15s31	4n59	18s55	2n58	17s44	3n10	19n51	2n 7	3n32	1s15	22s 4	0n 0	1n16	0n46	10n15	1s49	24s 2	11s 7	10s42	10s34	18s46	16n44	6s43

Julian Day Number = 2286799.5, Delta T = 182.21 sec
Ecliptic obliquity = 23°29'44, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°26'45, Lahiri = 17°33'46 Julian Calendar 1 Dec. 1548 == Greg. Calendar 11 Dec. 1548