Astrodienst Ephemeris Tables
for the year 1557

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 EPHEMERIS for the year 1557
geocentric

JANUARY 1557 JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 20 28	20♑37'23	21♑55	26♐55	4♐30	18♎14	24♐12	18♈32	5♏53	19♈R25	4♓18	24♉R 5	22♉36	28♏52	28♎37	F 1
S 2	7 24 24	21°38'31	4♒29	28° 2	5°36	18°39	24°25	18°35	5°54	19♉25	4°19	23♉54	22°33	28°59	28°40	S 2
S 3	7 28 21	22°39'38	17°16	29°11	6°43	19° 5	24°37	18°37	5°56	19°24	4°21	23°43	22°30	29° 5	28°44	S 3
M 4	7 32 17	23°40'44	0♓16	0♑23	7°49	19°30	24°50	18°40	5°57	19°24	4°22	23°33	22°27	29°12	28°47	M 4
T 5	7 36 14	24°41'50	13°27	1°36	8°56	19°55	25° 3	18°42	5°59	19°23	4°23	23°24	22°24	29°19	28°50	T 5
W 6	7 40 10	25°42'54	26°49	2°51	10° 3	20°20	25°16	18°45	6° 0	19°23	4°25	23°18	22°20	29°25	28°54	W 6
T 7	7 44 7	26°43'57	10♈23	4° 7	11°11	20°45	25°29	18°48	6° 2	19°22	4°26	23°14	22°17	29°32	28°57	T 7
F 8	7 48 3	27°45'00	24° 9	5°25	12°18	21° 9	25°41	18°51	6° 3	19°22	4°27	23♉D13	22°14	29°39	29° 0	F 8
S 9	7 52 0	28°46'01	8♉ 8	6°44	13°26	21°33	25°54	18°54	6° 4	19°21	4°29	23°13	22°11	29°45	29° 2	S 9
S 10	7 55 57	29°47'01	22°18	8° 5	14°34	21°57	26° 7	18°57	6° 5	19°21	4°30	23♉R14	22° 8	29°52	29° 5	S 10
M 11	7 59 53	0♒48'00	6♊40	9°26	15°42	22°21	26°19	19° 1	6° 6	19°21	4°31	23°13	22° 4	29°59	29° 8	M 11
T 12	8 3 50	1°48'58	21°11	10°49	16°50	22°44	26°31	19° 4	6° 7	19°21	4°33	23°10	22° 1	0♐ 5	29°10	T 12
W 13	8 7 46	2°49'55	5♋46	12°12	17°58	23° 7	26°44	19° 8	6° 8	19°20	4°34	23° 4	21°58	0°12	29°13	W 13
T 14	8 11 43	3°50'50	20°19	13°37	19° 6	23°29	26°56	19°11	6° 9	19°20	4°36	22°56	21°55	0°19	29°15	T 14
F 15	8 15 39	4°51'44	4♌44	15° 2	20°15	23°52	27° 8	19°15	6°10	19°20	4°37	22°45	21°52	0°25	29°17	F 15
S 16	8 19 36	5°52'38	18°54	16°29	21°24	24°13	27°21	19°19	6°11	19°20	4°39	22°33	21°49	0°32	29°19	S 16
S 17	8 23 33	6°53'30	2♍43	17°56	22°33	24°35	27°33	19°23	6°12	19°20	4°40	22°22	21°45	0°39	29°21	S 17
M 18	8 27 29	7°54'21	16° 9	19°25	23°42	24°56	27°45	19°27	6°12	19°20	4°41	22°11	21°42	0°45	29°23	M 18
T 19	8 31 26	8°55'11	29° 9	20°54	24°51	25°17	27°57	19°31	6°13	19°20	4°43	22° 3	21°39	0°52	29°25	T 19
W 20	8 35 22	9°56'00	11♎47	22°23	26° 0	25°38	28° 9	19°35	6°14	19♈D20	4°44	21°57	21°36	0°58	29°26	W 20
T 21	8 39 19	10°56'48	24° 4	23°54	27°10	25°58	28°20	19°39	6°14	19°20	4°46	21°54	21°33	1° 5	29°28	T 21
F 22	8 43 15	11°57'35	6♏ 6	25°26	28°19	26°18	28°32	19°43	6°15	19°20	4°47	21°53	21°30	1°12	29°29	F 22
S 23	8 47 12	12°58'22	17°58	26°58	29°29	26°38	28°44	19°48	6°15	19°20	4°49	21°53	21°26	1°18	29°30	S 23
S 24	8 51 8	13°59'07	29°45	28°31	0♑39	26°57	28°56	19°52	6°16	19°20	4°51	21°52	21°23	1°25	29°31	S 24
M 25	8 55 5	14°59'51	11♐33	0♒ 5	1°48	27°16	29° 7	19°57	6°16	19°20	4°52	21°51	21°20	1°32	29°32	M 25
T 26	8 59 1	16° 0'34	23°28	1°40	2°58	27°34	29°19	20° 1	6°16	19°20	4°54	21°48	21°17	1°38	29°33	T 26
W 27	9 2 58	17° 1'16	5♑33	3°16	4° 8	27°52	29°30	20° 6	6°16	19°21	4°55	21°41	21°14	1°45	29°34	W 27
T 28	9 6 55	18° 1'56	17°52	4°52	5°19	28°10	29°41	20°11	6°17	19°21	4°57	21°32	21°10	1°52	29°34	T 28
F 29	9 10 51	19° 2'36	0♒27	6°29	6°29	28°27	29°52	20°16	6°17	19°21	4°58	21°20	21° 7	1°58	29°35	F 29
S 30	9 14 48	20° 3'13	13°19	8° 7	7°39	28°44	0♑ 4	20°21	6°R17	19°21	5° 0	21° 7	21° 4	2° 5	29°35	S 30
S 31	9 18 44	21♒ 3'50	26♒28	9♒46	8♑50	29♎ 0	0♑15	20♈26	6♏17	19♉22	5♓ 1	20♉53	21♉ 4	2♐12	29♎36	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	21s55	25 s57	4s18	22s14	1n14	18s 5	3n 4	5s11	2n 8	23s 3	0n19	4n58	2s30	13s 4	0n29	15n55	1s47	22s15	13s16	18n50	18n28	20s30	11s25	0s26
S 2	21 45	23 50	4 47	22 24	1 5	18 18	3 2	5 21	2 9	23 3	0 19	4 59	2 30	13 4	0 29	15 55	1 47	22 15	13 16	18 48	18 27	20 33	11 26	0 26
S 3	21 35	20 29	5 2	22 34	0 56	18 32	3 0	5 30	2 9	23 4	0 19	5 0	2 30	13 5	0 29	15 54	1 47	22 14	13 16	18 45	18 26	20 35	11 27	0 25
M 4	21 25	16 7	5 2	22 43	0 46	18 45	2 58	5 39	2 10	23 5	0 19	5 2	2 29	13 5	0 29	15 54	1 47	22 13	13 15	18 42	18 26	20 37	11 28	0 25
T 5	21 14	10 55	4 46	22 52	0 37	18 57	2 56	5 48	2 10	23 5	0 19	5 3	2 29	13 6	0 29	15 54	1 47	22 13	13 15	18 40	18 25	20 40	11 29	0 25
W 6	21 3	5 9	4 14	22 59	0 29	19 9	2 53	5 57	2 11	23 6	0 19	5 4	2 29	13 6	0 29	15 54	1 47	22 12	13 15	18 39	18 24	20 42	11 29	0 25
T 7	20 52	0n57	3 28	23 6	0 20	19 21	2 51	6 6	2 11	23 6	0 19	5 6	2 29	13 7	0 29	15 54	1 47	22 11	13 15	18 38	18 23	20 44	11 30	0 24
F 8	20 40	7 5	2 28	23 12	0 11	19 32	2 49	6 14	2 12	23 7	0 19	5 7	2 28	13 7	0 29	15 54	1 47	22 11	13 15	18 37	18 22	20 46	11 31	0 24
S 9	20 27	13 0	1 20	23 17	0 3	19 43	2 46	6 23	2 12	23 7	0 19	5 8	2 28	13 7	0 29	15 54	1 47	22 10	13 15	18 37	18 22	20 49	11 32	0 24
S 10	20 15	18 19	0 5	23 20	0s 5	19 54	2 43	6 31	2 13	23 8	0 19	5 10	2 28	13 8	0 29	15 54	1 47	22 9	13 14	18 38	18 21	20 51	11 33	0 23
M 11	20 2	22 39	1n11	23 23	0 13	20 4	2 41	6 39	2 13	23 8	0 19	5 11	2 27	13 8	0 29	15 54	1 47	22 9	13 14	18 37	18 20	20 53	11 33	0 23
T 12	19 48	25 35	2 23	23 24	0 21	20 13	2 38	6 48	2 14	23 8	0 19	5 13	2 27	13 9	0 29	15 54	1 46	22 8	13 14	18 37	18 19	20 56	11 34	0 23
W 13	19 34	26 48	3 26	23 25	0 29	20 23	2 35	6 56	2 14	23 9	0 19	5 14	2 27	13 9	0 29	15 54	1 46	22 7	13 14	18 35	18 18	20 58	11 34	0 23
T 14	19 20	26 9	4 15	23 24	0 36	20 31	2 32	7 3	2 15	23 9	0 19	5 16	2 27	13 9	0 29	15 54	1 46	22 7	13 14	18 33	18 17	21 0	11 35	0 22
F 15	19 6	23 46	4 47	23 22	0 43	20 39	2 29	7 11	2 15	23 10	0 18	5 18	2 26	13 9	0 29	15 54	1 46	22 6	13 14	18 30	18 17	21 2	11 35	0 22
S 16	18 51	19 57	5 1	23 18	0 50	20 47	2 26	7 19	2 16	23 10	0 18	5 19	2 26	13 10	0 29	15 54	1 46	22 5	13 14	18 27	18 16	21 5	11 36	0 22
S 17	18 36	15 8	4 57	23 14	0 56	20 54	2 23	7 26	2 16	23 10	0 18	5 21	2 26	13 10	0 29	15 54	1 46	22 5	13 14	18 24	18 15	21 7	11 36	0 21
M 18	18 20	9 43	4 36	23 8	1 3	21 1	2 20	7 34	2 17	23 10	0 18	5 23	2 26	13 10	0 29	15 54	1 46	22 4	13 13	18 22	18 14	21 9	11 37	0 21
T 19	18 4	4 1	4 1	23 0	1 9	21 7	2 17	7 41	2 17	23 11	0 18	5 25	2 25	13 10	0 29	15 54	1 46	22 3	13 13	18 19	18 13	21 11	11 37	0 20
W 20	17 48	1s40	3 16	22 52	1 15	21 13	2 13	7 48	2 18	23 11	0 18	5 26	2 25	13 11	0 29	15 54	1 46	22 2	13 13	18 18	18 12	21 14	11 37	0 20
T 21	17 32	7 10	2 22	22 42	1 20	21 18	2 10	7 55	2 18	23 11	0 18	5 28	2 25	13 11	0 29	15 54	1 46	22 1	13 13	18 16	18 12	21 16	11 37	0 20
F 22	17 15	12 17	1 23	22 31	1 26	21 23	2 7	8 2	2 19	23 11	0 18	5 30	2 24	13 11	0 29	15 54	1 46	22 0	13 13	18 11	18 11	21 18	11 38	0 20
S 23	16 58	16 54	0 21	22 18	1 31	21 27	2 3	8 8	2 19	23 12	0 18	5 32	2 24	13 11	0 29	15 54	1 46	22 0	13 13	18 10	18 10	21 20	11 38	0 20
S 24	16 40	20 50	0s42	22 4	1 36	21 30	2 0	8 15	2 19	23 12	0 18	5 34	2 24	13 11	0 29	15 55	1 46	22 0	13 13	18 9	21 22	11 38	0 19	
M 25	16 23	23 55	1 42	21 49	1 40	21 33	1 56	8 21	2 20	23 12	0 18	5 36	2 24	13 11	0 29	15 55	1 46	21 59	13 13	18 16	8	21 25	11 38	0 19
T 26	16 5	25 59	2 39	21 32	1 44	21 35	1 53	8 27	2 20	23 12	0 18	5 38	2 24	13 11	0 29	15 55	1 46	21 59	13 13	18 16	7	21 27	11 38	0 19
W 27	15 46	26 52	3 29	21 13	1 48	21 37	1 49	8 33	2 21	23 12	0 18	5 40	2 23	13 11	0 29	15 45	1 46	21 58	13 13	18 14	7	21 29	11 38	0 18
T 28	15 28	26 26	4 10	20 54	1 51	21 38	1 45	8 39	2 21	23 12	0 18	5 42	2 23	13 11	0 29	15 45	1 45	21 58	13 12	18 6	21 31	11 38	0 18	
F 29	15 9	24 40	4 41	20 33	1 54	21 39	1 42	8 45	2 22	23 12	0 18	5 44	2 23	13 11	0 29	15 45	1 45	21 57	13 12	18 5	21 34	11 38	0 18	
S 30	14 50	21 36	4 57	20 10	1 57	21 39	1 38	8 50	2 22	23 12	0 18	5 46	2 23	13 11	0 29	15 45	1 45	21 56	13 12	18 4	21 36	11 38	0 18	
S 31	14s31	17s24	4s58	19s46	2s 0	21s38	1n34	8s55	2n23	23s12	0n17	5n48	2s23	13s11	0n29	15n55	1s45	21s56	13s12	18n 1	18n 3	21s38	11s37	0s17

Julian Day Number = 2289752.5, Delta T = 164.88 sec
Ecliptic obliquity = 23°29'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'31, Lahiri = 17°40'31 Julian Calendar 1 Jan. 1557 == Greg. Calendar 11 Jan. 1557

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

FEBRUARY 1557 JC   00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚷	⚸	Day
M 1	9 22 41	22≈ 4'24	9♓51	11≈26	10♉ 0	29♎16	0♑26	20♈31	6♉R17	19♉22	5♓ 3	20♉R40	20♉58	2♐18	29♎36	M 1
T 2	9 26 37	23° 4'57	23♓27	13° 7	11°11	29°31	0°36	20°36	6♏17	19°23	5° 5	20♉29	20°55	2°25	29♎36	T 2
W 3	9 30 34	24° 5'29	7♈12	14°49	12°21	29°46	0°47	20°42	6°16	19°23	5° 6	20°21	20°51	2°32	29°36	W 3
T 4	9 34 30	25° 5'58	21° 3	16°32	13°32	0♏ 0	0°58	20°47	6°16	19°24	5° 8	20°16	20°48	2°38	29°35	T 4
F 5	9 38 27	26° 6'26	5♉ 0	18°15	14°43	0°14	1° 8	20°52	6°16	19°24	5° 9	20°14	20°45	2°45	29°35	F 5
S 6	9 42 24	27° 6'51	19° 1	20° 0	15°54	0°28	1°19	20°58	6°16	19°25	5°11	20°13	20°42	2°51	29°35	S 6
S 7	9 46 20	28° 7'15	3♊ 5	21°45	17° 5	0°40	1°29	21° 4	6°15	19°25	5°13	20°13	20°39	2°58	29°34	S 7
M 8	9 50 17	29° 7'37	17°13	23°32	18°16	0°53	1°39	21° 9	6°15	19°26	5°14	20°13	20°35	3° 5	29°33	M 8
T 9	9 54 13	0♓ 7'57	1♋22	25°19	19°27	1° 5	1°50	21°15	6°14	19°27	5°16	20°10	20°32	3°11	29°33	T 9
W10	9 58 10	1° 8'14	15°30	27° 7	20°38	1°16	2° 0	21°21	6°14	19°28	5°18	20° 4	20°29	3°18	29°32	W10
T 11	10 2 6	2° 8'30	29°36	28°57	21°49	1°27	2°10	21°27	6°13	19°28	5°19	19°55	20°26	3°25	29°31	T 11
F 12	10 6 3	3° 8'44	13♌34	0♓47	23° 1	1°37	2°19	21°33	6°12	19°29	5°21	19°44	20°23	3°31	29°30	F 12
S 13	10 10 0	4° 8'56	27°21	2°38	24°12	1°46	2°29	21°38	6°12	19°30	5°22	19°32	20°20	3°38	29°28	S 13
S 14	10 13 56	5° 9'06	10♍52	4°31	25°23	1°55	2°39	21°45	6°11	19°31	5°24	19°20	20°16	3°45	29°27	S 14
M15	10 17 53	6° 9'14	24° 5	6°24	26°35	2° 4	2°48	21°51	6°10	19°32	5°26	19° 9	20°13	3°51	29°26	M15
T 16	10 21 49	7° 9'20	6♎58	8°18	27°46	2°11	2°58	21°57	6° 9	19°32	5°27	19° 0	20°10	3°58	29°24	T 16
W17	10 25 46	8° 9'25	19°32	10°13	28°58	2°19	3° 7	22° 3	6° 8	19°33	5°29	18°53	20° 7	4° 5	29°22	W17
T 18	10 29 42	9° 9'27	1♏49	12° 9	0≈ 9	2°25	3°16	22° 9	6° 7	19°34	5°31	18°50	20° 4	4°11	29°21	T 18
F 19	10 33 39	10° 9'29	13°51	14° 5	1°21	2°31	3°25	22°16	6° 6	19°35	5°32	18♉D48	20° 1	4°18	29°19	F 19
S 20	10 37 35	11° 9'28	25°44	16° 2	2°33	2°36	3°34	22°22	6° 5	19°36	5°34	18°48	19°57	4°25	29°17	S 20
S 21	10 41 32	12° 9'26	7♐33	17°59	3°44	2°41	3°43	22°29	6° 4	19°38	5°35	18♉R49	19°54	4°31	29°15	S 21
M22	10 45 28	13° 9'23	19°22	19°57	4°56	2°45	3°51	22°35	6° 3	19°39	5°37	18°49	19°51	4°38	29°12	M22
T 23	10 49 25	14° 9'17	1♑18	21°54	6° 8	2°48	4° 0	22°42	6° 2	19°40	5°39	18°47	19°48	4°44	29°10	T 23
W24	10 53 22	15° 9'10	13°25	23°51	7°20	2°50	4° 8	22°48	6° 1	19°41	5°40	18°43	19°45	4°51	29° 8	W24
T 25	10 57 18	16° 9'01	25°49	25°48	8°32	2°52	4°17	22°55	5°59	19°42	5°42	18°37	19°41	4°58	29° 5	T 25
F 26	11 1 15	17° 8'51	8≈31	27°44	9°44	2°53	4°25	23° 2	5°58	19°43	5°43	18°29	19°38	5° 4	29° 3	F 26
S 27	11 5 11	18° 8'38	21°35	29°39	10°56	2°R54	4°33	23° 8	5°57	19°45	5°45	18°19	19°35	5°11	29° 0	S 27
S 28	11 9 8	19♓ 8'24	5♓ 0	1♈33	12≈ 8	2♏53	4♑41	23♈15	5♏55	19♉46	5♓47	18♉ 8	19♉32	5♐18	28♎57	S 28

Day	☉		☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊	⚷	⚸	
	decl		decl	lat	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	14s11	12s16	4s44	19s20	2s 2	21s37	1n31	9s 1	2n23	23s12	0n17	5n50	2s22	13s11	0n29	15n56	1s45	21s55	13s12	17n58	18n 2	21s40	11s37	0s17
T 2	13 51	6 28	4 12	18 54	2 3	21 35	1 27	9 6	2 23	23 12	0 17	5 52	2 22	13 11	0 29	15 56	1 45	21 54	13 12	17 55	18 2	21 42	11 37	0 17
W 3	13 31	0 18	3 26	18 25	2 5	21 33	1 23	9 10	2 24	23 12	0 17	5 55	2 22	13 11	0 29	15 56	1 45	21 53	13 12	17 53	18 1	21 44	11 37	0 16
T 4	13 11	5n57	2 28	17 55	2 6	21 29	1 19	9 15	2 24	23 12	0 17	5 57	2 22	13 11	0 29	15 56	1 45	21 53	13 12	17 51	18 0	21 47	11 36	0 16
F 5	12 51	11 58	1 20	17 24	2 6	21 26	1 16	9 20	2 24	23 12	0 17	5 59	2 21	13 11	0 29	15 57	1 45	21 52	13 12	17 51	17 59	21 49	11 36	0 16
S 6	12 30	17 25	0 6	16 51	2 6	21 22	1 12	9 24	2 25	23 12	0 17	6 1	2 21	13 11	0 29	15 57	1 45	21 52	13 12	17 51	17 58	21 51	11 35	0 15
S 7	12 9	21 56	1n 8	16 16	2 6	21 17	1 8	9 28	2 25	23 12	0 17	6 4	2 21	13 11	0 29	15 57	1 45	21 51	13 12	17 51	17 57	21 53	11 35	0 15
M 8	11 48	25 10	2 18	15 41	2 5	21 11	1 4	9 32	2 26	23 12	0 17	6 6	2 21	13 10	0 29	15 57	1 45	21 51	13 12	17 50	17 57	21 55	11 34	0 15
T 9	11 27	26 49	3 19	15 3	2 4	21 5	1 1	9 36	2 26	23 12	0 17	6 8	2 21	13 10	0 29	15 57	1 45	21 50	13 12	17 50	17 56	21 57	11 34	0 14
W10	11 6	26 43	4 9	14 24	2 2	20 58	0 57	9 39	2 26	23 12	0 17	6 10	2 20	13 10	0 29	15 58	1 45	21 49	13 12	17 48	17 55	21 59	11 33	0 14
T 11	10 44	24 53	4 42	13 44	2 0	20 51	0 53	9 43	2 26	23 12	0 17	6 13	2 20	13 10	0 29	15 58	1 45	21 49	13 12	17 46	17 54	22 2	11 32	0 14
F 12	10 23	21 34	4 59	13 3	1 57	20 43	0 49	9 46	2 27	23 12	0 17	6 15	2 20	13 9	0 29	15 58	1 44	21 48	13 12	17 43	17 53	22 4	11 32	0 13
S 13	10 1	17 5	4 58	12 19	1 54	20 35	0 45	9 49	2 27	23 12	0 17	6 18	2 20	13 9	0 29	15 58	1 44	21 48	13 12	17 40	17 52	22 6	11 31	0 13
S 14	9 39	11 50	4 40	11 35	1 50	20 26	0 42	9 52	2 27	23 12	0 17	6 20	2 20	13 9	0 29	15 59	1 44	21 47	13 12	17 36	17 51	22 8	11 30	0 13
M15	9 17	6 8	4 8	10 49	1 45	20 16	0 38	9 55	2 28	23 12	0 17	6 23	2 19	13 9	0 29	15 59	1 44	21 46	13 12	17 33	17 51	22 10	11 29	0 12
T 16	8 54	0 20	3 23	10 2	1 40	20 6	0 34	9 57	2 28	23 11	0 16	6 25	2 19	13 9	0 29	15 59	1 44	21 46	13 12	17 31	17 50	22 12	11 28	0 12
W17	8 32	5s22	2 29	9 13	1 35	19 55	0 31	9 59	2 28	23 11	0 16	6 27	2 19	13 8	0 29	16 0	1 44	21 45	13 12	17 29	17 49	22 14	11 27	0 12
T 18	8 9	10 44	1 29	8 24	1 29	19 44	0 27	10 1	2 28	23 11	0 16	6 30	2 19	13 8	0 29	16 0	1 44	21 44	13 12	17 28	17 48	22 16	11 27	0 11
F 19	7 47	15 37	0 26	7 33	1 22	19 32	0 23	10 3	2 28	23 11	0 16	6 32	2 19	13 8	0 29	16 0	1 44	21 44	13 12	17 27	17 47	22 18	11 26	0 11
S 20	7 24	19 50	0s37	6 41	1 15	19 19	0 20	10 5	2 28	23 11	0 16	6 35	2 19	13 7	0 29	16 1	1 44	21 43	13 13	17 28	17 46	22 20	11 25	0 11
S 21	7 1	23 14	1 38	5 48	1 7	19 6	0 16	10 7	2 28	23 11	0 16	6 38	2 18	13 7	0 29	16 1	1 44	21 43	13 13	17 28	17 46	22 23	11 23	0 10
M22	6 38	25 39	2 35	4 54	0 59	18 53	0 12	10 8	2 29	23 10	0 16	6 40	2 18	13 7	0 29	16 1	1 44	21 42	13 13	17 28	17 45	22 25	11 22	0 10
T 23	6 15	26 56	3 26	3 59	0 50	18 39	0 9	10 9	2 29	23 10	0 16	6 43	2 18	13 5	0 30	16 2	1 44	21 42	13 13	17 27	17 44	22 27	11 21	0 10
W24	5 52	26 57	4 9	3 4	0 40	18 24	0 5	10 10	2 29	23 10	0 16	6 45	2 18	13 5	0 30	16 2	1 44	21 41	13 13	17 26	17 43	22 29	11 20	0 9
T 25	5 29	25 38	4 41	2 8	0 30	18 9	0 2	10 10	2 29	23 10	0 16	6 48	2 18	13 5	0 30	16 2	1 44	21 41	13 13	17 24	17 42	22 31	11 19	0 9
F 26	5 5	23 0	5 0	1 12	0 20	17 53	0s 2	10 11	2 29	23 10	0 16	6 50	2 18	13 5	0 30	16 3	1 44	21 40	13 13	17 22	17 41	22 33	11 18	0 8
S 27	4 42	19 8	5 4	0 16	0 8	17 37	0 5	10 11	2 28	23 9	0 16	6 53	2 18	13 4	0 30	16 3	1 44	21 40	13 13	17 19	17 40	22 35	11 16	0 8
S 28	4s19	14s13	4s51	0n40	0n 3	17s20	0s 8	10s11	2n28	23s 9	0n16	6n56	2s17	13s 4	0n30	16n 4	1s44	21s39	13s13	17n16	17n40	22s37	11s15	0s 8

Julian Day Number = 2289783.5, Delta T = 164.70 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'35, Lahiri = 17°40'36 Julian Calendar 1 Feb. 1557 == Greg. Calendar 11 Feb. 1557

MARCH 1557 JC   00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	♏	☊	☋	⚷	Day
M 1	11 13 4	20°♓ 8'07	18°♓44	3°♈25	13≈20	2°R52	4♋48	23°♈22	5°R54	19♉47	5♓48	17°R58	19♐29	5♐24	28°R54	M 1
T 2	11 17 1	21° 7'49	2°♈44	5°14	14°32	2♏50	4°56	23°29	5♏52	19°48	5°50	17°50	19°26	5°31	28♎51	T 2
W 3	11 20 57	22° 7'29	16°56	7° 1	15°44	2°47	5° 3	23°36	5°51	19°50	5°51	17°44	19°22	5°38	28°48	W 3
T 4	11 24 54	23° 7'06	1♉14	8°44	16°56	2°44	5°11	23°43	5°49	19°51	5°53	17°40	19°19	5°44	28°45	T 4
F 5	11 28 51	24° 6'41	15°33	10°24	18° 8	2°40	5°18	23°50	5°47	19°53	5°55	17°D39	19°16	5°51	28°42	F 5
S 6	11 32 47	25° 6'14	29°51	12° 0	19°21	2°35	5°25	23°57	5°46	19°54	5°56	17°39	19°13	5°58	28°38	S 6
S 7	11 36 44	26° 5'45	14♊ 4	13°31	20°33	2°29	5°32	24° 4	5°44	19°56	5°58	17°40	19°10	6° 4	28°35	S 7
M 8	11 40 40	27° 5'13	28°11	14°57	21°45	2°23	5°39	24°11	5°42	19°57	5°59	17°R41	19° 7	6°11	28°32	M 8
T 9	11 44 37	28° 4'39	12♋10	16°18	22°57	2°15	5°45	24°18	5°41	19°59	6° 1	17°40	19° 3	6°18	28°28	T 9
W10	11 48 33	29° 4'03	26° 2	17°32	24°10	2° 7	5°52	24°25	5°39	20° 0	6° 2	17°37	19° 0	6°24	28°24	W10
T 11	11 52 30	0°♈ 3'24	9♌44	18°41	25°22	1°58	5°58	24°33	5°37	20° 2	6° 4	17°32	18°57	6°31	28°21	T 11
F 12	11 56 26	1° 2'43	23°16	19°44	26°34	1°49	6° 4	24°40	5°35	20° 3	6° 5	17°25	18°54	6°38	28°17	F 12
S 13	12 0 23	2° 1'59	6♍36	20°40	27°47	1°39	6°10	24°47	5°33	20° 5	6° 7	17°17	18°51	6°44	28°13	S 13
S 14	12 4 20	3° 1'13	19°43	21°29	28°59	1°27	6°16	24°54	5°31	20° 7	6° 8	17° 9	18°47	6°51	28° 9	S 14
M15	12 8 16	4° 0'25	2♎36	22°11	0°♓11	1°16	6°21	25° 2	5°29	20° 8	6°10	17° 2	18°44	6°58	28° 5	M15
T 16	12 12 13	4°59'35	15°14	22°46	1°24	1° 3	6°27	25° 9	5°27	20°10	6°11	16°57	18°41	7° 4	28° 1	T 16
W17	12 16 9	5°58'43	27°37	23°14	2°36	0°50	6°32	25°17	5°25	20°12	6°13	16°53	18°38	7°11	27°57	W17
T 18	12 20 6	6°57'50	9♏47	23°35	3°49	0°36	6°38	25°24	5°23	20°13	6°14	16°51	18°35	7°17	27°53	T 18
F 19	12 24 2	7°56'54	21°47	23°48	5° 1	0°21	6°43	25°31	5°21	20°15	6°15	16°D51	18°32	7°24	27°49	F 19
S 20	12 27 59	8°55'56	3♐39	23°R55	6°14	0° 6	6°47	25°39	5°18	20°17	6°17	16°52	18°28	7°31	27°45	S 20
S 21	12 31 55	9°54'57	15°27	23°54	7°26	29♎50	6°52	25°46	5°16	20°19	6°18	16°53	18°25	7°37	27°40	S 21
M22	12 35 52	10°53'56	27°17	23°47	8°39	29°33	6°57	25°54	5°14	20°20	6°20	16°55	18°22	7°44	27°36	M22
T 23	12 39 49	11°52'53	9♑13	23°34	9°51	29°16	7° 1	26° 1	5°12	20°22	6°21	16°R56	18°19	7°51	27°32	T 23
W24	12 43 45	12°51'48	21°20	23°15	11° 4	28°58	7° 5	26° 9	5°10	20°24	6°22	16°56	18°16	7°57	27°27	W24
T 25	12 47 42	13°50'41	3≈43	22°50	12°17	28°40	7° 9	26°17	5° 7	20°26	6°24	16°54	18°13	8° 4	27°23	T 25
F 26	12 51 38	14°49'33	16°26	22°20	13°29	28°21	7°13	26°24	5° 5	20°28	6°25	16°51	18° 9	8°11	27°18	F 26
S 27	12 55 35	15°48'23	29°33	21°46	14°42	28° 1	7°17	26°32	5° 3	20°30	6°26	16°46	18° 6	8°17	27°14	S 27
S 28	12 59 31	16°47'11	13♓ 4	21° 9	15°55	27°41	7°20	26°39	5° 0	20°32	6°28	16°42	18° 3	8°24	27° 9	S 28
M29	13 3 28	17°45'57	26°59	20°28	17° 7	27°21	7°23	26°47	4°58	20°34	6°29	16°37	18° 0	8°31	27° 5	M29
T 30	13 7 24	18°44'41	11♈16	19°46	18°20	27° 0	7°26	26°55	4°56	20°36	6°30	16°33	17°57	8°37	27° 0	T 30
W31	13 11 21	19°♈43'23	25°♈49	19°♈ 3	19°♓33	26♎38	7♋29	27°♈ 2	4♏53	20♉38	6♓32	16°R31	17♐53	8♐44	26♎55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		♏		☊	☋	⚷		♏	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat		
M 1	3s55	8s29	4s22	1n35	0n15	17s 3	0s12	10s10	2n28	23s 9	0n16	6n58	2s17	13 s 3	0n30	16n 4	1s43	21s39	13s13	17n14	17n39	22s39	11s14	0s 7		
T 2	3 31	2 13	3 37	2 30	0 27	16 45	0 15	10 10	2 28	23 9	0 16	7 1	2 17	13 3	0 30	16 4	1 43	21 38	13 13	17 11	17 38	22 41	11 12	0 7		
W 3	3 8	4n15	2 37	3 24	0 40	16 27	0 18	10 9	2 28	23 9	0 16	7 4	2 17	13 2	0 30	16 5	1 43	21 38	13 14	17 10	17 37	22 43	11 11	0 7		
T 4	2 44	10 34	1 27	4 16	0 52	16 8	0 21	10 8	2 28	23 8	0 15	7 6	2 17	13 2	0 30	16 5	1 43	21 37	13 14	17 9	17 36	22 45	11 9	0 6		
F 5	2 21	16 21	0 11	5 7	1 5	15 49	0 25	10 7	2 27	23 8	0 15	7 9	2 17	13 1	0 30	16 6	1 43	21 37	13 14	17 8	17 35	22 47	11 8	0 6		
S 6	1 57	21 14	1n 5	5 56	1 17	15 30	0 28	10 6	2 27	23 8	0 15	7 12	2 17	13 1	0 30	16 6	1 43	21 36	13 14	17 8	17 34	22 49	11 6	0 6		
S 7	1 33	24 49	2 17	6 44	1 30	15 10	0 31	10 4	2 27	23 8	0 15	7 15	2 16	13 0	0 30	16 7	1 43	21 36	13 14	17 9	17 33	22 51	11 5	0 5		
M 8	1 10	26 50	3 20	7 28	1 42	14 49	0 34	10 2	2 26	23 7	0 15	7 17	2 16	12 59	0 30	16 7	1 43	21 35	13 14	17 9	17 33	22 53	11 3	0 5		
T 9	0 46	27 6	4 11	8 11	1 54	14 28	0 37	10 0	2 26	23 7	0 15	7 20	2 16	12 59	0 30	16 7	1 43	21 35	13 14	17 9	17 32	22 55	11 2	0 5		
W10	0 22	25 41	4 46	8 50	2 6	14 7	0 39	9 58	2 25	23 7	0 15	7 23	2 16	12 58	0 30	16 8	1 43	21 34	13 15	17 8	17 31	22 57	11 0	0 4		
T 11	0n 1	22 45	5 5	9 27	2 17	13 46	0 42	9 56	2 25	23 7	0 15	7 25	2 16	12 58	0 30	16 8	1 43	21 34	13 15	17 6	17 30	22 59	10 58	0 4		
F 12	0 25	18 36	5 6	10 0	2 27	13 24	0 45	9 53	2 24	23 7	0 15	7 28	2 16	12 57	0 30	16 9	1 43	21 34	13 15	17 4	17 29	23 1	10 57	0 3		
S 13	0 49	13 36	4 51	10 31	2 37	13 1	0 48	9 50	2 24	23 6	0 15	7 31	2 16	12 56	0 30	16 9	1 43	21 33	13 15	17 2	17 28	23 3	10 55	0 3		
S 14	1 12	8 4	4 20	10 57	2 46	12 39	0 50	9 47	2 23	23 6	0 15	7 34	2 16	12 56	0 30	16 10	1 43	21 33	13 15	17 0	17 27	23 5	10 53	0 3		
M15	1 36	2 16	3 36	11 21	2 54	12 15	0 53	9 44	2 22	23 6	0 15	7 37	2 16	12 55	0 30	16 10	1 43	21 32	13 15	16 58	17 26	23 7	10 51	0 2		
T 16	1 59	3s30	2 43	11 40	3 1	11 52	0 55	9 40	2 21	23 6	0 15	7 39	2 15	12 54	0 30	16 11	1 43	21 32	13 16	16 56	17 26	23 9	10 50	0 2		
W17	2 23	9 3	1 43	11 56	3 6	11 28	0 58	9 36	2 20	23 6	0 15	7 42	2 15	12 54	0 30	16 11	1 43	21 32	13 16	16 55	17 25	23 11	10 48	0 2		
T 18	2 46	14 11	0 38	12 8	3 11	11 4	1 0	9 32	2 19	23 5	0 15	7 45	2 15	12 53	0 30	16 12	1 43	21 31	13 16	16 55	17 24	23 13	10 46	0 1		
F 19	3 10	18 41	0s27	12 16	3 14	10 40	1 3	9 27	2 18	23 5	0 14	7 48	2 15	12 52	0 30	16 12	1 43	21 31	13 16	16 55	17 23	23 15	10 44	0 1		
S 20	3 33	22 25	1 30	12 20	3 16	10 15	1 5	9 23	2 17	23 5	0 14	7 50	2 15	12 51	0 30	16 13	1 43	21 30	13 16	16 55	17 22	23 17	10 42	0 1		
S 21	3 56	25 11	2 30	12 21	3 17	9 50	1 7	9 19	2 16	23 5	0 14	7 53	2 15	12 51	0 30	16 14	1 43	21 30	13 16	16 55	17 21	23 19	10 40	0 0		
M22	4 19	26 51	3 23	12 17	3 16	9 25	1 9	9 15	2 14	23 5	0 14	7 56	2 15	12 50	0 30	16 14	1 42	21 30	13 17	16 56	17 20	23 20	10 38	0n 0		
T 23	4 43	27 18	4 8	12 10	3 13	8 59	1 11	9 10	2 13	23 5	0 14	7 59	2 15	12 49	0 30	16 15	1 42	21 29	13 17	16 56	17 19	23 22	10 37	0 1		
W24	5 6	26 27	4 42	11 59	3 9	8 34	1 13	9 5	2 12	23 4	0 14	8 2	2 15	12 48	0 30	16 15	1 42	21 29	13 18	16 56	17 19	23 24	10 35	0 1		
T 25	5 29	24 18	5 4	11 44	3 3	8 8	1 15	9 0	2 10	23 4	0 14	8 5	2 14	12 47	0 30	16 16	1 42	21 28	13 18	16 57	17 18	23 26	10 33	0 1		
F 26	5 51	20 55	5 13	11 26	2 56	7 41	1 17	8 54	2 9	23 4	0 14	8 7	2 14	12 47	0 30	16 16	1 42	21 28	13 18	16 57	17 17	23 28	10 31	0 2		
S 27	6 14	16 25	5 5	11 5	2 47	7 15	1 19	8 49	2 7	23 4	0 14	8 10	2 14	12 46	0 30	16 17	1 42	21 28	13 18	16 53	17 16	23 30	10 29	0 2		
S 28	6 37	10 59	4 40	10 42	2 37	6 48	1 20	8 43	2 6	23 4	0 14	8 13	2 14	12 45	0 30	16 17	1 42	21 28	13 18	16 51	17 15	23 32	10 27	0 3		
M29	6 59	4 51	3 59	10 16	2 26	6 21	1 22	8 37	2 4	23 4	0 14	8 16	2 14	12 44	0 30	16 18	1 42	21 28	13 18	16 51	17 14	23 34	10 25	0 3		
T 30	7 22	1n41	3 1	9 48	2 13	5 54	1 23	8 32	2 2	23 4	0 14	8 18	2 14	12 44	0 30	16 18	1 42	21 27	13 19	16 50	17 13	23 36	10 23	0 3		
W31	7n44	8n16	1s51	9n19	1n59	5s27	1s25	8s26	2n 0	23 s 4	0n14	8n21	2s14	12s43	0n30	16n19	1s42	21s27	13s19	16n49	17n12	23 s37	10s21	0n 4		

Julian Day Number = 2289811.5, Delta T = 164.54 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'39, Lahiri = 17°40'40 Julian Calendar 1 March 1557 == Greg. Calendar 11 March 1557

APRIL 1557 JC   00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚷	⚷	Day
T 1	13 15 17	20♈42'04	10♉31	18♈R19	20♓45	26♈R17	7♋32	27♈10	4♉R51	20♉40	6♓33	16♉D30	17♉50	8♐51	26♈R51	T 1
F 2	13 19 14	21♈40'42	25♉17	17♈36	21♓58	25♈55	7♋35	27♈18	4♏48	20♉42	6♓34	16♉30	17♉47	8♐57	26♈46	F 2
S 3	13 23 11	22♈39'18	9♊59	16♈54	23♓11	25♈33	7♋37	27♈25	4♉46	20♉44	6♓35	16♉31	17♉44	9♐ 4	26♈41	S 3
S 4	13 27 7	23♈37'53	24♊31	16♈14	24♓24	25♈11	7♋39	27♈33	4♉43	20♉46	6♓36	16♉32	17♉41	9♐11	26♈37	S 4
M 5	13 31 4	24♈36'24	8♋50	15♈36	25♓36	24♈48	7♋41	27♈41	4♉41	20♉48	6♓38	16♉33	17♉38	9♐17	26♈32	M 5
T 6	13 35 0	25♈34'54	22♋53	15♈ 2	26♓49	24♈26	7♋43	27♈48	4♉38	20♉50	6♓39	16♉R34	17♉34	9♐24	26♈27	T 6
W 7	13 38 57	26♈33'22	6♌40	14♈31	28♓ 2	24♈ 3	7♋45	27♈56	4♉36	20♉52	6♓40	16♉34	17♉31	9♐31	26♈23	W 7
T 8	13 42 53	27♈31'47	20♌ 0	14♈ 5	29♓15	23♈41	7♋46	28♈ 4	4♉33	20♉54	6♓41	16♉33	17♉28	9♐37	26♈18	T 8
F 9	13 46 50	28♈30'10	3♍24	13♈42	0♈27	23♈18	7♋47	28♈12	4♉31	20♉56	6♓42	16♉31	17♉25	9♐44	26♈13	F 9
S 10	13 50 46	29♈28'31	16♍23	13♈25	1♈40	22♈56	7♋49	28♈19	4♉28	20♉58	6♓43	16♉28	17♉22	9♐51	26♈ 9	S 10
S 11	13 54 43	0♉26'49	29♍ 8	13♈12	2♈53	22♈33	7♋49	28♈27	4♉26	21♉ 0	6♓44	16♉26	17♉18	9♐57	26♈ 4	S 11
M12	13 58 40	1♉25'06	11♎40	13♈ 4	4♈ 6	22♈11	7♋50	28♈35	4♉23	21♉ 2	6♓45	16♉24	17♉15	10♐ 4	25♈59	M12
T 13	14 2 36	2♉23'21	24♎ 0	13♈D 1	5♈19	21♈49	7♋51	28♈42	4♉21	21♉ 5	6♓46	16♉22	17♉12	10♐10	25♈55	T 13
W14	14 6 33	3♉21'34	6♏10	13♈ 3	6♈31	21♈28	7♋51	28♈50	4♉18	21♉ 7	6♓47	16♉21	17♉ 9	10♐17	25♈50	W14
T 15	14 10 29	4♉19'46	18♏11	13♈ 9	7♈44	21♈ 6	7♋R51	28♈58	4♉16	21♉ 9	6♓48	16♉D21	17♉ 6	10♐24	25♈45	T 15
F 16	14 14 26	5♉17'55	0♐ 6	13♈21	8♈57	20♈45	7♋51	29♈ 5	4♉13	21♉11	6♓49	16♉21	17♉ 3	10♐30	25♈41	F 16
S 17	14 18 22	6♉16'03	11♐56	13♈37	10♈10	20♈24	7♋51	29♈13	4♉11	21♉13	6♓50	16♉22	16♉59	10♐37	25♈36	S 17
S 18	14 22 19	7♉14'10	23♐44	13♈57	11♈23	20♈ 4	7♋51	29♈21	4♉ 8	21♉15	6♓51	16♉23	16♉56	10♐44	25♈32	S 18
M19	14 26 15	8♉12'15	5♑35	14♈22	12♈36	19♈44	7♋50	29♈28	4♉ 5	21♉18	6♓52	16♉24	16♉53	10♐50	25♈27	M19
T 20	14 30 12	9♉10'19	17♑31	14♈52	13♈49	19♈25	7♋49	29♈36	4♉ 3	21♉20	6♓53	16♉25	16♉50	10♐57	25♈23	T 20
W21	14 34 9	10♉ 8'21	29♑38	15♈25	15♈ 1	19♈ 6	7♋48	29♈44	4♉ 0	21♉22	6♓54	16♉25	16♉47	11♐ 4	25♈18	W21
T 22	14 38 5	11♉ 6'22	11♒59	16♈ 2	16♈14	18♈48	7♋47	29♈51	3♉58	21♉24	6♓55	16♉R25	16♉44	11♐10	25♈14	T 22
F 23	14 42 2	12♉ 4'21	24♒39	16♈44	17♈27	18♈30	7♋46	29♈59	3♉55	21♉27	6♓56	16♉25	16♉40	11♐17	25♈10	F 23
S 24	14 45 58	13♉ 2'19	7♓42	17♈28	18♈40	18♈13	7♋44	0♉ 6	3♉53	21♉29	6♓57	16♉25	16♉37	11♐24	25♈ 5	S 24
S 25	14 49 55	14♉ 0'16	21♓10	18♈17	19♈53	17♈56	7♋42	0♉14	3♉50	21♉31	6♓57	16♉25	16♉34	11♐30	25♈ 1	S 25
M26	14 53 51	14♉58'11	5♈ 5	19♈ 9	21♈ 6	17♈40	7♋40	0♉21	3♉48	21♉33	6♓58	16♉24	16♉31	11♐37	24♈57	M26
T 27	14 57 48	15♉56'05	19♈25	20♈ 4	22♈19	17♈25	7♋38	0♉29	3♉45	21♉35	6♓59	16♉24	16♉28	11♐44	24♈53	T 27
W28	15 1 44	16♉53'57	4♉ 6	21♈ 2	23♈32	17♈10	7♋36	0♉37	3♉43	21♉38	7♓ 0	16♉D24	16♉24	11♐50	24♈49	W28
T 29	15 5 41	17♉51'49	19♉ 4	22♈ 3	24♈45	16♈57	7♋34	0♉44	3♉41	21♉40	7♓ 0	16♉R24	16♉21	11♐57	24♈44	T 29
F 30	15 9 38	18♉49'39	4♊ 8	23♈ 7	25♈58	16♎44	7♋31	0♉51	3♏38	21♉42	7♓ 1	16♉24	16♉18	12♐ 4	24♎40	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	8n 6	14n30	0s33	8n48	1n44	5s 0	1s26	8s20	1n59	23 s 4	0n14	8n24	2s14	12s42	0n30	16n19	1s42	21s27	13s19	16n49	17n11	23s39	10s19	0n 4
F 2	8 28	19 55	0n48	8 17	1 29	4 32	1 28	8 14	1 57	23 3	0 13	8 27	2 14	12 41	0 30	16 20	1 42	21 27	13 19	16 49	17 11	23 41	10 17	0 4
S 3	8 50	24 4	2 6	7 46	1 12	4 4	1 29	8 7	1 55	23 3	0 13	8 29	2 14	12 40	0 30	16 20	1 42	21 26	13 20	16 49	17 10	23 43	10 15	0 5
S 4	9 12	26 37	3 14	7 15	0 56	3 37	1 30	8 1	1 53	23 3	0 13	8 32	2 14	12 40	0 30	16 21	1 42	21 26	13 20	16 50	17 9	23 45	10 13	0 5
M 5	9 33	27 21	4 10	6 45	0 39	3 9	1 31	7 55	1 50	23 3	0 13	8 35	2 14	12 39	0 30	16 21	1 42	21 26	13 20	16 50	17 8	23 47	10 11	0 5
T 6	9 55	26 18	4 49	6 17	0 22	2 41	1 32	7 49	1 48	23 3	0 13	8 38	2 14	12 38	0 30	16 22	1 42	21 26	13 20	16 50	17 7	23 49	10 8	0 6
W 7	10 16	23 40	5 11	5 49	0 5	2 12	1 33	7 43	1 46	23 3	0 13	8 41	2 14	12 37	0 30	16 23	1 42	21 26	13 21	16 49	17 6	23 50	10 6	0 6
T 8	10 37	19 46	5 15	5 24	0s11	1 44	1 34	7 36	1 44	23 3	0 13	8 43	2 14	12 36	0 30	16 23	1 42	21 25	13 21	16 49	17 5	23 52	10 4	0 7
F 9	10 58	14 58	5 2	5 0	0 27	1 16	1 35	7 30	1 41	23 3	0 13	8 46	2 14	12 35	0 30	16 24	1 42	21 25	13 21	16 49	17 4	23 54	10 2	0 7
S 10	11 19	9 35	4 34	4 39	0 43	0 48	1 35	7 24	1 39	23 3	0 13	8 49	2 14	12 35	0 30	16 24	1 42	21 25	13 21	16 48	17 3	23 56	10 0	0 7
S 11	11 39	3 54	3 52	4 20	0 58	0 19	1 36	7 18	1 37	23 3	0 13	8 52	2 14	12 34	0 30	16 25	1 42	21 25	13 22	16 48	17 3	23 58	9 58	0 8
M12	12 0	1s52	3 0	4 1	1 12	0n 9	1 37	7 12	1 34	23 3	0 13	8 54	2 14	12 33	0 30	16 25	1 42	21 25	13 22	16 47	17 2	23 59	9 56	0 8
T 13	12 20	7 28	2 1	3 50	1 26	0 38	1 37	7 6	1 32	23 3	0 13	8 57	2 14	12 32	0 30	16 26	1 42	21 25	13 22	16 46	17 1	24 1	9 54	0 8
W14	12 40	12 44	0 56	3 39	1 39	1 6	1 38	7 1	1 29	23 2	0 12	9 0	2 14	12 31	0 30	16 27	1 42	21 25	13 23	16 46	17 0	24 3	9 52	0 9
T 15	13 0	17 27	0s10	3 30	1 51	1 35	1 38	6 55	1 26	23 4	0 12	9 2	2 14	12 30	0 30	16 28	1 42	21 24	13 23	16 46	16 59	24 5	9 50	0 9
F 16	13 19	21 27	1 15	3 24	2 3	2 3	1 38	6 50	1 24	23 4	0 12	9 5	2 14	12 29	0 30	16 28	1 42	21 24	13 24	16 46	16 58	24 7	9 48	0 10
S 17	13 39	24 32	2 17	3 21	2 13	2 32	1 38	6 44	1 21	23 4	0 12	9 8	2 14	12 29	0 30	16 28	1 42	21 24	13 24	16 46	16 57	24 8	9 46	0 10
S 18	13 58	26 34	3 13	3 20	2 22	3 0	1 38	6 39	1 19	23 4	0 12	9 11	2 14	12 28	0 30	16 29	1 42	21 24	13 24	16 47	16 56	24 10	9 44	0 10
M19	14 17	27 23	4 1	3 22	2 31	3 29	1 38	6 34	1 16	23 4	0 12	9 13	2 14	12 27	0 30	16 30	1 42	21 24	13 24	16 55	24 12	9 42	0 11
T 20	14 35	26 57	4 38	3 26	2 39	3 57	1 38	6 29	1 13	23 4	0 12	9 16	2 14	12 26	0 30	16 30	1 42	21 24	13 25	16 47	16 54	24 14	9 40	0 11
W21	14 54	25 14	5 4	3 32	2 46	4 25	1 38	6 25	1 10	23 4	0 12	9 19	2 14	12 25	0 30	16 31	1 42	21 24	13 25	16 47	16 53	24 15	9 38	0 11
T 22	15 12	22 18	5 17	3 41	2 52	4 54	1 38	6 20	1 8	23 4	0 12	9 21	2 14	12 24	0 30	16 32	1 42	21 24	13 25	16 53	24 17	9 36	0 12
F 23	15 30	18 16	5 14	3 52	2 57	5 22	1 38	6 16	1 5	23 5	0 12	9 24	2 14	12 24	0 30	16 32	1 42	21 24	13 25	16 47	16 52	24 19	9 34	0 12
S 24	15 47	13 16	4 56	4 5	3 2	5 50	1 38	6 12	1 2	23 5	0 12	9 26	2 14	12 23	0 30	16 33	1 42	21 24	13 26	16 47	16 51	24 21	9 32	0 12
S 25	16 5	7 30	4 21	4 19	3 6	6 18	1 37	6 8	1 0	23 5	0 11	9 29	2 14	12 22	0 30	16 33	1 42	21 24	13 26	16 50	24 22	9 31	0 13
M26	16 22	1 11	3 30	4 36	3 9	6 46	1 37	6 5	0 57	23 5	0 11	9 32	2 14	12 21	0 30	16 34	1 42	21 24	13 27	16 49	24 24	9 29	0 13
T 27	16 39	5n23	2 24	4 55	3 11	7 13	1 36	6 1	0 54	23 5	0 11	9 34	2 14	12 20	0 30	16 34	1 42	21 24	13 27	16 47	16 48	24 26	9 27	0 14
W28	16 56	11 51	1 8	5 15	3 12	7 41	1 36	5 58	0 51	23 6	0 11	9 37	2 14	12 19	0 30	16 35	1 42	21 24	13 27	16 47	16 47	24 27	9 25	0 14
T 29	17 12	17 46	0n15	5 37	3 12	8 8	1 35	5 55	0 49	23 6	2 15	12 19	0 30	16 35	1 42	21 24	13 28	16 47	16 46	24 29	9 23	0 14		
F 30	17n28	22n37	1n37	6n 1	3s13	8n35	1s34	5s53	0n46	23 s 6	0n11	9n42	2s15	12s18	0n30	16n36	1s42	21s24	13s28	16n47	16n45	24s31	9s21	0n15

MAY 1557 JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 13 34	19°♉47'27	19♊12	24♈14	27♈11	16°R31	7°R28	0♉59	3°R36	21♉44	7♓ 2	16°R24	16♉15	12♐10	24°R37	S 1
S 2	15 17 31	20°45'14	4♋ 5	25°24	28°24	16♎20	7♉25	1° 6	3°33	21°47	7° 2	16♉24	16°12	12°17	24♎33	S 2
M 3	15 21 27	21°42'59	18°42	26°37	29°37	16° 9	7°22	1°14	3°31	21°49	7° 3	16°23	16° 9	12°24	24°29	M 3
T 4	15 25 24	22°40'43	2♌58	27°52	0♉50	16° 0	7°19	1°21	3°29	21°51	7° 3	16°23	16° 5	12°30	24°25	T 4
W 5	15 29 20	23°38'25	16°50	29°10	2° 3	15°50	7°15	1°28	3°26	21°53	7° 4	16°22	16° 2	12°37	24°21	W 5
T 6	15 33 17	24°36'05	0♍19	0♉30	3°16	15°42	7°11	1°36	3°24	21°56	7° 5	16°D22	15°59	12°44	24°18	T 6
F 7	15 37 14	25°33'43	13°25	1°53	4°29	15°35	7° 7	1°43	3°22	21°58	7° 5	16°23	15°56	12°50	24°14	F 7
S 8	15 41 10	26°31'20	26°12	3°19	5°42	15°28	7° 3	1°50	3°19	22° 0	7° 6	16°23	15°53	12°57	24°11	S 8
S 9	15 45 7	27°28'56	8♎42	4°47	6°55	15°22	6°59	1°58	3°17	22° 2	7° 6	16°24	15°50	13° 4	24° 8	S 9
M10	15 49 3	28°26'30	20°59	6°17	8° 8	15°17	6°55	2° 5	3°15	22° 5	7° 7	16°25	15°46	13°10	24° 4	M10
T 11	15 53 0	29°24'02	3♏ 5	7°50	9°21	15°13	6°50	2°12	3°13	22° 7	7° 7	16°26	15°43	13°17	24° 1	T 11
W12	15 56 56	0♊21'34	15° 4	9°25	10°34	15°10	6°46	2°19	3°11	22° 9	7° 7	16°R27	15°40	13°24	23°58	W12
T 13	16 0 53	1°19'04	26°57	11° 3	11°47	15° 7	6°41	2°26	3° 8	22°11	7° 8	16°26	15°37	13°30	23°55	T 13
F 14	16 4 49	2°16'33	8♐47	12°43	13° 0	15° 6	6°36	2°33	3° 6	22°14	7° 8	16°25	15°34	13°37	23°52	F 14
S 15	16 8 46	3°14'02	20°36	14°25	14°13	15° 5	6°31	2°40	3° 4	22°16	7° 8	16°23	15°30	13°44	23°49	S 15
S 16	16 12 43	4°11'29	2♑26	16°10	15°26	15°D 4	6°25	2°47	3° 2	22°18	7° 9	16°21	15°27	13°50	23°46	S 16
M17	16 16 39	5° 8'55	14°20	17°57	16°39	15° 5	6°20	2°54	3° 0	22°20	7° 9	16°18	15°24	13°57	23°44	M17
T 18	16 20 36	6° 6'21	26°20	19°46	17°52	15° 6	6°14	2°58	3° 1	22°22	7° 9	16°15	15°21	14° 4	23°41	T 18
W19	16 24 32	7° 3'46	8♒29	21°38	19° 5	15° 9	6° 9	3° 8	2°56	22°25	7°10	16°13	15°18	14°10	23°38	W19
T 20	16 28 29	8° 1'09	20°51	23°32	20°19	15°12	6° 3	3°15	2°54	22°27	7°10	16°11	15°15	14°17	23°36	T 20
F 21	16 32 25	8°58'33	3♓29	25°29	21°32	15°15	5°57	3°22	2°52	22°29	7°10	16°D10	15°11	14°24	23°34	F 21
S 22	16 36 22	9°55'55	16°28	27°27	22°45	15°20	5°51	3°28	2°50	22°31	7°10	16°10	15° 8	14°30	23°31	S 22
S 23	16 40 18	10°53'18	29°49	29°28	23°58	15°25	5°45	3°35	2°49	22°33	7°10	16°11	15° 5	14°37	23°29	S 23
M24	16 44 15	11°50'39	13♈35	1♊30	25°11	15°31	5°38	3°42	2°47	22°36	7°10	16°12	15° 2	14°44	23°27	M24
T 25	16 48 12	12°48'00	27°47	3°35	26°24	15°37	5°32	3°48	2°45	22°38	7°10	16°13	14°59	14°50	23°25	T 25
W26	16 52 8	13°45'21	12♉24	5°41	27°37	15°45	5°25	3°55	2°43	22°40	7°11	16°R14	14°56	14°57	23°23	W26
T 27	16 56 5	14°42'41	27°21	7°49	28°51	15°53	5°19	4° 1	2°42	22°42	7°11	16°14	14°52	15° 4	23°22	T 27
F 28	17 0 1	15°40'00	12♊31	9°58	0♊ 4	16° 1	5°12	4° 8	2°40	22°44	7°11	16°12	14°49	15°10	23°20	F 28
S 29	17 3 58	16°37'19	27°44	12° 8	1°17	16°11	5° 5	4°14	2°38	22°46	7°R11	16° 9	14°46	15°17	23°18	S 29
S 30	17 7 54	17°34'38	12♋51	14°19	2°30	16°21	4°58	4°20	2°37	22°48	7°11	16° 5	14°43	15°24	23°17	S 30
M31	17 11 51	18♊31'55	27♋43	16♊30	3♊44	16♎32	4♉51	4♉27	2♏35	22♉50	7♓11	16♉ 0	14♉40	15♐30	23♎16	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	17n44	25n55	2n52	6n26	3s13	9n 3	1s33	5s51	0n43	23s 6	0n11	9n44	2s15	12s17	0n30	16n37	1s42	21s24	13s28	16n47	16n44	24s33	9s20	0n15
S 2	17 59	27 21	3 55	6 53	3 11	9 29	1 33	5 49	0 41	23 7	0 11	9 47	2 15	12 16	0 30	16 37	1 42	21 24	13 28	16 47	16 43	24 34	9 18	0 15
M 3	18 14	26 50	4 41	7 21	3 9	9 56	1 32	5 47	0 38	23 7	0 11	9 49	2 15	12 15	0 29	16 38	1 42	21 24	13 29	16 47	16 43	24 36	9 16	0 16
T 4	18 29	24 33	5 9	7 50	3 7	10 23	1 31	5 46	0 35	23 7	0 11	9 52	2 15	12 15	0 29	16 38	1 42	21 24	13 29	16 47	16 41	24 38	9 14	0 16
W 5	18 44	20 52	5 17	8 21	3 4	10 49	1 30	5 45	0 33	23 8	0 10	9 54	2 15	12 14	0 29	16 39	1 42	21 25	13 29	16 46	16 41	24 39	9 13	0 16
T 6	18 58	16 11	5 8	8 52	3 0	11 15	1 28	5 44	0 30	23 8	0 10	9 57	2 15	12 13	0 29	16 40	1 42	21 25	13 30	16 46	16 40	24 41	9 11	0 17
F 7	19 12	10 53	4 43	9 25	2 55	11 41	1 27	5 43	0 28	23 8	0 10	9 59	2 15	12 12	0 29	16 40	1 42	21 25	13 30	16 47	16 39	24 42	9 9	0 17
S 8	19 26	5 15	4 4	9 59	2 50	12 6	1 26	5 43	0 25	23 9	0 10	10 2	2 15	12 12	0 29	16 41	1 42	21 25	13 31	16 47	16 38	24 44	9 8	0 17
S 9	19 39	0s29	3 14	10 33	2 45	12 31	1 25	5 43	0 22	23 9	0 10	10 4	2 15	12 11	0 29	16 41	1 42	21 25	13 31	16 47	16 37	24 46	9 6	0 18
M10	19 52	6 6	2 16	11 9	2 39	12 56	1 23	5 44	0 20	23 9	0 10	10 7	2 15	12 10	0 29	16 42	1 42	21 25	13 31	16 47	16 36	24 47	9 5	0 18
T 11	20 4	11 25	1 13	11 45	2 32	13 21	1 22	5 44	0 17	23 10	0 10	10 9	2 15	12 9	0 29	16 42	1 42	21 26	13 32	16 48	16 35	24 49	9 3	0 18
W12	20 17	16 16	0 8	12 22	2 25	13 45	1 21	5 45	0 15	23 10	0 10	10 11	2 15	12 9	0 29	16 43	1 42	21 26	13 32	16 48	16 34	24 51	9 2	0 19
T 13	20 29	20 28	0s58	13 0	2 17	14 9	1 19	5 47	0 13	23 10	0 9	10 14	2 15	12 8	0 29	16 44	1 42	21 26	13 32	16 48	16 33	24 52	9 0	0 19
F 14	20 40	23 48	2 0	13 38	2 9	14 33	1 18	5 48	0 10	23 11	0 9	10 16	2 16	12 7	0 29	16 44	1 42	21 26	13 33	16 47	16 32	24 54	8 59	0 19
S 15	20 51	26 7	2 58	14 17	2 1	14 56	1 16	5 50	0 8	23 11	0 9	10 18	2 16	12 6	0 29	16 45	1 42	21 26	13 33	16 47	16 31	24 55	8 58	0 20
S 16	21 2	27 16	3 47	14 56	1 52	15 19	1 14	5 52	0 6	23 11	0 9	10 21	2 16	12 6	0 29	16 45	1 42	21 26	13 33	16 46	16 31	24 57	8 56	0 20
M17	21 13	27 9	4 28	15 35	1 43	15 42	1 13	5 54	0 3	23 12	0 9	10 23	2 16	12 5	0 29	16 46	1 42	21 27	13 34	16 45	16 30	24 59	8 55	0 20
T 18	21 23	25 47	4 56	16 14	1 33	16 4	1 11	5 57	0 1	23 12	0 9	10 25	2 16	12 4	0 29	16 46	1 42	21 27	13 34	16 44	16 29	25 0	8 54	0 21
W19	21 33	23 12	5 12	16 53	1 23	16 26	1 9	6 0	0s 1	23 13	0 9	10 27	2 16	12 4	0 29	16 47	1 42	21 27	13 35	16 44	16 28	25 2	8 52	0 21
T 20	21 42	19 32	5 14	17 32	1 13	16 47	1 7	6 3	0 3	23 13	0 9	10 30	2 16	12 3	0 29	16 47	1 42	21 27	13 35	16 43	16 27	25 3	8 51	0 22
F 21	21 51	14 55	5 1	18 10	1 2	17 8	1 5	6 6	0 5	23 14	0 9	10 32	2 16	12 2	0 29	16 48	1 42	21 28	13 35	16 26	16 26	25 5	8 50	0 22
S 22	22 0	9 32	4 32	18 48	0 51	17 29	1 3	6 10	0 8	23 14	0 8	10 34	2 16	12 2	0 29	16 48	1 42	21 28	13 36	16 43	16 25	25 6	8 49	0 22
S 23	22 8	3 34	3 48	19 26	0 41	17 49	1 1	6 14	0 10	23 15	0 8	10 36	2 17	12 1	0 29	16 49	1 42	21 28	13 36	16 44	16 24	25 8	8 48	0 23
M24	22 16	2n46	2 50	20 2	0 30	18 9	0 59	6 18	0 12	23 15	0 8	10 38	2 17	12 1	0 29	16 50	1 42	21 28	13 36	16 44	16 23	25 10	8 47	0 23
T 25	22 23	9 10	1 40	20 37	0 19	18 28	0 57	6 23	0 14	23 15	0 8	10 40	2 17	12 0	0 29	16 50	1 42	21 29	13 37	16 44	16 22	25 11	8 46	0 23
W26	22 30	15 16	0 21	21 11	0 8	18 47	0 55	6 27	0 16	23 16	0 8	10 42	2 17	12 0	0 29	16 51	1 42	21 29	13 37	16 44	16 21	25 13	8 45	0 23
T 27	22 37	20 36	1n 1	21 43	0n 3	19 5	0 53	6 32	0 18	23 16	0 8	10 44	2 17	11 59	0 29	16 51	1 42	21 29	13 37	16 44	16 20	25 14	8 44	0 24
F 28	22 44	24 39	2 19	22 14	0 14	19 23	0 51	6 37	0 20	23 16	0 7	10 46	2 17	11 59	0 29	16 52	1 42	21 30	13 38	16 44	16 19	25 16	8 43	0 24
S 29	22 49	26 57	3 28	22 42	0 24	19 40	0 49	6 43	0 22	23 17	0 7	10 48	2 18	11 58	0 29	16 52	1 42	21 30	13 38	16 43	16 18	25 17	8 42	0 24
S 30	22 55	27 13	4 22	23 9	0 34	19 57	0 47	6 48	0 23	23 17	0 7	10 50	2 17	11 57	0 29	16 53	1 42	21 30	13 38	16 41	16 18	25 19	8 41	0 25
M31	23n 0	25n31	4n57	23n33	0n44	20n13	0s44	6s54	0s25	23s17	0n 7	10n52	2s18	11s57	0n29	16n53	1s42	21s31	13s39	16n40	16n17	25s20	8s41	0n25

ASTRODIENST EPHEMERIS for the year 1557
geocentric

JUNE 1557 JC   **00:00 UT**

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 15 47	19♊29'12	12♌12	18♊42	4♊57	16♎43	4°R44	4♉33	2°R34	22♉52	7°R10	15°R56	14♉36	15♐37	23°R15	T 1
W 2	17 19 44	20°26'28	26°13	20°54	6°10	16°55	4°37	4°39	2°32	22°54	7♓10	15°53	14°33	15°44	23♎13	W 2
T 3	17 23 41	21°23'43	9♍47	23° 5	7°23	17° 8	4°30	4°45	2°31	22°56	7°10	15°51	14°30	15°50	23°12	T 3
F 4	17 27 37	22°20'57	22°54	25°16	8°37	17°21	4°22	4°51	2°30	22°59	7°10	15°D50	14°27	15°57	23°11	F 4
S 5	17 31 34	23°18'10	5♎37	27°27	9°50	17°35	4°15	4°57	2°28	23° 1	7°10	15°51	14°24	16° 4	23°11	S 5
S 6	17 35 30	24°15'23	18° 1	29°36	11° 3	17°49	4° 7	5° 3	2°27	23° 2	7°10	15°52	14°21	16°10	23°10	S 6
M 7	17 39 27	25°12'35	0♏10	1♋44	12°17	18° 4	4° 0	5° 9	2°26	23° 4	7°10	15°54	14°17	16°17	23° 9	M 7
T 8	17 43 23	26° 9'47	12° 9	3°50	13°30	18°20	3°52	5°15	2°25	23° 6	7° 9	15°R55	14°14	16°24	23° 9	T 8
W 9	17 47 20	27° 6'58	24° 0	5°55	14°43	18°36	3°45	5°21	2°24	23° 8	7° 9	15°54	14°11	16°30	23° 9	W 9
T 10	17 51 16	28° 4'09	5♐49	7°59	15°57	18°53	3°37	5°26	2°23	23°10	7° 9	15°52	14° 8	16°37	23° 8	T 10
F 11	17 55 13	29° 1'19	17°37	10° 1	17°10	19°10	3°30	5°32	2°22	23°12	7° 8	15°48	14° 5	16°44	23° 8	F 11
S 12	17 59 10	29°58'30	29°28	12° 0	18°23	19°28	3°22	5°38	2°21	23°14	7° 8	15°43	14° 2	16°50	23°D 8	S 12
S 13	18 3 6	0♋55'40	11♑23	13°58	19°37	19°46	3°14	5°43	2°20	23°16	7° 8	15°35	13°58	16°57	23° 8	S 13
M14	18 7 3	1°52'50	23°24	15°54	20°50	20° 5	3° 7	5°49	2°19	23°18	7° 7	15°27	13°55	17° 4	23° 8	M14
T 15	18 10 59	2°50'00	5♒32	17°48	22° 4	20°24	2°59	5°54	2°18	23°20	7° 7	15°18	13°52	17°10	23° 9	T 15
W16	18 14 56	3°47'10	17°49	19°40	23°17	20°44	2°51	5°59	2°17	23°22	7° 7	15°10	13°49	17°17	23° 9	W16
T 17	18 18 52	4°44'20	0♓18	21°30	24°31	21° 4	2°44	6° 4	2°16	23°23	7° 6	15° 4	13°46	17°24	23°10	T 17
F 18	18 22 49	5°41'30	13° 0	23°18	25°44	21°25	2°36	6°10	2°16	23°25	7° 6	15° 0	13°42	17°30	23°10	F 18
S 19	18 26 45	6°38'40	25°58	25° 3	26°58	21°46	2°28	6°15	2°15	23°27	7° 5	14°57	13°39	17°37	23°11	S 19
S 20	18 30 42	7°35'51	9♈14	26°47	28°11	22° 7	2°21	6°20	2°14	23°29	7° 5	14°D57	13°36	17°44	23°12	S 20
M21	18 34 39	8°33'02	22°52	28°29	29°25	22°29	2°13	6°25	2°14	23°30	7° 4	14°57	13°33	17°50	23°13	M21
T 22	18 38 35	9°30'13	6♉53	0♌ 8	0♋38	22°52	2° 5	6°29	2°13	23°32	7° 4	14°58	13°30	17°57	23°14	T 22
W23	18 42 32	10°27'25	21°17	1°46	1°52	23°15	1°58	6°34	2°13	23°34	7° 3	14°R58	13°27	18° 4	23°15	W23
T 24	18 46 28	11°24'38	6♊ 1	3°21	3° 5	23°38	1°50	6°39	2°13	23°35	7° 2	14°56	13°23	18°10	23°16	T 24
F 25	18 50 25	12°21'51	21° 1	4°54	4°19	24° 2	1°43	6°44	2°12	23°37	7° 2	14°53	13°20	18°17	23°18	F 25
S 26	18 54 21	13°19'04	6♋ 9	6°26	5°33	24°26	1°35	6°48	2°12	23°39	7° 1	14°46	13°17	18°24	23°19	S 26
S 27	18 58 18	14°16'18	21°15	7°55	6°46	24°50	1°28	6°53	2°12	23°40	7° 1	14°38	13°14	18°30	23°21	S 27
M28	19 2 15	15°13'32	6♌10	9°22	8° 0	25°15	1°21	6°57	2°12	23°42	7° 0	14°29	13°11	18°37	23°23	M28
T 29	19 6 11	16°10'46	20°44	10°47	9°14	25°41	1°13	7° 1	2°11	23°43	6°59	14°20	13° 8	18°44	23°24	T 29
W30	19 10 8	17♋ 8'00	4♍52	12♌ 9	10♋27	26♎ 6	1♋ 6	7♉ 5	2♏11	23♉45	6♓58	14♉13	13♉ 4	18♐50	23♎26	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 5	22n10	5n12	23n54	0n53	20n29	0s42	7s 0	0s27	23s18	0n 7	10n54	2s18	11s57	0n29	16n54	1s42	21s31	13s39	16n39	16n16	25s22	8n40	0n25
W 2	23 9	17 37	5 7	24 13	1 2	20 44	0 40	7 6	0 29	23 18	0 7	10 56	2 18	11 56	0 29	16 54	1 42	21 31	13 39	16 38	16 15	25 23	8 39	0 25
T 3	23 13	12 19	4 46	24 29	1 10	20 59	0 38	7 13	0 31	23 19	0 7	10 58	2 18	11 56	0 29	16 55	1 42	21 32	13 40	16 37	16 14	25 25	8 38	0 26
F 4	23 17	6 38	4 9	24 43	1 18	21 13	0 35	7 20	0 32	23 19	0 7	11 0	2 18	11 55	0 29	16 55	1 42	21 32	13 40	16 37	16 13	25 26	8 38	0 26
S 5	23 20	0 51	3 22	24 53	1 25	21 26	0 33	7 26	0 34	23 19	0 7	11 2	2 18	11 55	0 29	16 56	1 42	21 32	13 41	16 37	16 12	25 27	8 37	0 26
S 6	23 22	4s50	2 26	25 1	1 31	21 39	0 31	7 33	0 36	23 20	0 6	11 4	2 18	11 54	0 29	16 56	1 42	21 33	13 41	16 38	16 11	25 29	8 37	0 27
M 7	23 25	10 14	1 25	25 6	1 37	21 51	0 28	7 41	0 37	23 20	0 6	11 6	2 19	11 54	0 29	16 57	1 42	21 33	13 41	16 38	16 10	25 30	8 36	0 27
T 8	23 27	15 12	0 21	25 8	1 42	22 3	0 26	7 48	0 39	23 20	0 6	11 7	2 19	11 54	0 29	16 57	1 42	21 34	13 42	16 39	16 9	25 32	8 36	0 27
W 9	23 28	19 32	0s44	25 8	1 46	22 14	0 23	7 56	0 40	23 21	0 6	11 9	2 19	11 53	0 29	16 57	1 42	21 34	13 42	16 38	16 8	25 33	8 35	0 28
T 10	23 29	23 4	1 46	25 4	1 49	22 24	0 21	8 4	0 42	23 21	0 6	11 11	2 19	11 53	0 29	16 58	1 42	21 35	13 42	16 38	16 7	25 35	8 35	0 28
F 11	23 30	25 38	2 43	24 59	1 52	22 34	0 19	8 12	0 44	23 21	0 6	11 13	2 19	11 53	0 29	16 58	1 42	21 35	13 43	16 37	16 6	25 36	8 35	0 28
S 12	23 30	27 3	3 34	24 50	1 54	22 43	0 16	8 20	0 45	23 22	0 6	11 14	2 19	11 52	0 29	16 59	1 42	21 35	13 43	16 35	16 5	25 38	8 34	0 28
S 13	23 30	27 14	4 15	24 40	1 55	22 52	0 14	8 28	0 46	23 22	0 5	11 16	2 20	11 52	0 28	16 59	1 42	21 36	13 43	16 33	16 4	25 39	8 34	0 29
M14	23 29	26 9	4 45	24 27	1 55	23 0	0 11	8 36	0 48	23 22	0 5	11 18	2 20	11 52	0 28	17 0	1 42	21 36	13 44	16 30	16 3	25 40	8 34	0 29
T 15	23 28	23 49	5 3	24 13	1 55	23 7	0 9	8 45	0 49	23 23	0 5	11 19	2 20	11 51	0 28	17 0	1 42	21 37	13 44	16 26	16 2	25 42	8 34	0 29
W16	23 27	20 23	5 7	23 56	1 54	23 13	0 7	8 54	0 51	23 23	0 5	11 21	2 20	11 51	0 28	17 1	1 42	21 37	13 44	16 26	16 1	25 43	8 34	0 30
T 17	23 25	16 1	4 57	23 38	1 53	23 19	0 4	9 3	0 52	23 23	0 5	11 22	2 20	11 51	0 28	17 1	1 42	21 38	13 45	16 24	16 1	25 44	8 34	0 30
F 18	23 23	10 52	4 32	23 18	1 50	23 24	0 2	9 12	0 53	23 24	0 5	11 24	2 21	11 51	0 28	17 1	1 42	21 38	13 45	16 22	16 0	25 46	8 34	0 30
S 19	23 20	5 10	3 52	22 56	1 48	23 29	0n 1	9 21	0 55	23 24	0 5	11 25	2 21	11 51	0 28	17 2	1 42	21 39	13 45	16 22	15 59	25 47	8 34	0 30
S 20	23 17	0n55	3 0	22 33	1 44	23 32	0 3	9 30	0 56	23 24	0 4	11 27	2 21	11 50	0 28	17 2	1 42	21 39	13 46	16 22	15 58	25 49	8 34	0 31
M21	23 13	7 7	1 56	22 9	1 40	23 35	0 6	9 40	0 57	23 24	0 4	11 28	2 21	11 50	0 28	17 3	1 42	21 40	13 46	16 22	15 57	25 50	8 34	0 31
T 22	23 9	13 10	0 43	21 44	1 35	23 38	0 8	9 49	0 58	23 25	0 4	11 30	2 21	11 50	0 28	17 3	1 43	21 40	13 46	16 22	15 56	25 51	8 34	0 31
W23	23 5	18 40	0n34	21 17	1 30	23 40	0 10	9 59	1 0	23 25	0 4	11 31	2 21	11 50	0 28	17 3	1 43	21 41	13 47	16 22	15 55	25 53	8 34	0 32
T 24	23 0	23 11	1 50	20 50	1 25	23 41	0 13	10 8	1 1	23 25	0 4	11 32	2 22	11 50	0 28	17 4	1 43	21 41	13 47	16 22	15 54	25 54	8 34	0 32
F 25	22 55	26 12	3 1	20 21	1 19	23 41	0 15	10 18	1 2	23 26	0 4	11 34	2 22	11 50	0 28	17 4	1 43	21 42	13 47	16 20	15 53	25 55	8 35	0 32
S 26	22 50	27 20	3 59	19 52	1 12	23 40	0 18	10 28	1 3	23 26	0 4	11 35	2 22	11 50	0 28	17 4	1 43	21 42	13 48	16 19	15 52	25 57	8 35	0 32
S 27	22 44	26 25	4 40	19 23	1 5	23 39	0 20	10 38	1 4	23 26	0 3	11 36	2 22	11 50	0 28	17 5	1 43	21 43	13 48	16 16	15 51	25 58	8 35	0 33
M28	22 38	23 38	5 1	18 52	0 57	23 38	0 22	10 49	1 5	23 26	0 3	11 37	2 22	11 50	0 28	17 5	1 43	21 43	13 48	16 13	15 50	25 59	8 36	0 33
T 29	22 31	19 23	5 2	18 22	0 49	23 35	0 24	10 59	1 7	23 26	0 3	11 39	2 23	11 50	0 28	17 6	1 43	21 44	13 48	16 11	15 49	26 1	8 36	0 33
W30	22n24	14n10	4n45	17n51	0n41	23n32	0n27	11s 9	1s 8	23s27	0n 3	11n40	2s23	11s50	0n28	17n 6	1s43	21s44	13s49	16n 9	15n48	26s 2	8s36	0n33

Julian Day Number = 2289903.5, Delta T = 164.01 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'52, Lahiri = 17°40'52 Julian Calendar 1 June 1557 == Greg. Calendar 11 June 1557

ASTRODIENST EPHEMERIS for the year 1557
geocentric

JULY 1557 JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 14 4	18♋5'14	18♍31	13♌30	11♋41	26♎33	0°R59	7♉10	2°♍11	23♉46	6°R58	14°R 7	13♎ 1	18♐57	23♎28	T 1
F 2	19 18 1	19° 2'29	1♎42	14°48	12°55	26°59	0♉52	7°14	2♏11	23°48	6♓57	14♉ 4	12°58	19° 4	23°31	F 2
S 3	19 21 57	19°59'44	14°27	16° 4	14° 9	27°26	0°45	7°18	2°11	23°49	6°56	14° 2	12°55	19°10	23°33	S 3
S 4	19 25 54	20°56'58	26°50	17°17	15°22	27°53	0°38	7°21	2°12	23°51	6°55	14°D 2	12°52	19°17	23°35	S 4
M 5	19 29 50	21°54'14	8♏57	18°28	16°36	28°20	0°32	7°25	2°12	23°52	6°55	14°R 3	12°48	19°24	23°38	M 5
T 6	19 33 47	22°51'29	20°53	19°37	17°50	28°48	0°25	7°29	2°12	23°53	6°54	14° 3	12°45	19°30	23°40	T 6
W 7	19 37 44	23°48'45	2♐43	20°43	19° 4	29°16	0°19	7°33	2°12	23°55	6°53	14° 1	12°42	19°37	23°43	W 7
T 8	19 41 40	24°46'01	14°31	21°46	20°17	29°45	0°12	7°36	2°13	23°56	6°52	13°57	12°39	19°44	23°46	T 8
F 9	19 45 37	25°43'18	26°21	22°46	21°31	0♏13	0° 6	7°40	2°13	23°57	6°51	13°51	12°36	19°50	23°49	F 9
S 10	19 49 33	26°40'35	8♑16	23°44	22°45	0°43	29♐59	7°43	2°13	23°58	6°50	13°41	12°33	19°57	23°52	S 10
S 11	19 53 30	27°37'53	20°18	24°38	23°59	1°12	29°54	7°46	2°14	24° 0	6°49	13°30	12°29	20° 4	23°55	S 11
M12	19 57 26	28°35'12	2♒30	25°30	25°13	1°42	29°48	7°49	2°14	24° 1	6°49	13°18	12°26	20°10	23°58	M12
T 13	20 1 23	29°32'32	14°51	26°18	26°27	2°12	29°42	7°52	2°15	24° 2	6°48	13° 5	12°23	20°17	24° 1	T 13
W14	20 5 19	0♌29'52	27°22	27° 3	27°41	2°42	29°36	7°55	2°16	24° 3	6°47	12°53	12°20	20°24	24° 4	W14
T 15	20 9 16	1°27'13	10♓ 4	27°44	28°55	3°12	29°31	7°58	2°16	24° 4	6°46	12°43	12°17	20°30	24° 8	T 15
F 16	20 13 13	2°24'35	22°57	28°21	0♌ 9	3°43	29°25	8° 1	2°17	24° 5	6°45	12°35	12°14	20°37	24°11	F 16
S 17	20 17 9	3°21'59	6♈ 3	28°55	1°23	4°14	29°20	8° 4	2°18	24° 6	6°44	12°31	12°10	20°44	24°15	S 17
S 18	20 21 6	4°19'23	19°23	29°24	2°37	4°45	29°15	8° 6	2°19	24° 7	6°43	12°28	12° 7	20°50	24°19	S 18
M19	20 25 2	5°16'49	2♉59	29°49	3°51	5°17	29°10	8° 9	2°20	24° 8	6°42	12°28	12° 4	20°57	24°23	M19
T 20	20 28 59	6°14'16	16°52	0♍10	5° 5	5°49	29° 5	8°11	2°21	24° 9	6°41	12°28	12° 1	21° 4	24°27	T 20
W21	20 32 55	7°11'45	1♊ 2	0°25	6°19	6°21	29° 1	8°13	2°22	24°10	6°40	12°27	11°58	21°10	24°31	W21
T 22	20 36 52	8° 9'15	15°30	0°36	7°33	6°53	28°56	8°16	2°23	24°11	6°39	12°25	11°54	21°17	24°35	T 22
F 23	20 40 48	9° 6'46	0♋11	0°42	8°47	7°26	28°52	8°18	2°24	24°12	6°37	12°19	11°51	21°24	24°39	F 23
S 24	20 44 45	10° 4'18	15° 0	0°R43	10° 1	7°59	28°48	8°20	2°25	24°13	6°36	12°12	11°48	21°31	24°44	S 24
S 25	20 48 42	11° 1'52	29°51	0°38	11°15	8°32	28°44	8°22	2°26	24°14	6°35	12° 1	11°45	21°37	24°48	S 25
M26	20 52 38	11°59'27	14♌33	0°28	12°29	9° 5	28°40	8°23	2°27	24°15	6°34	11°50	11°42	21°44	24°52	M26
T 27	20 56 35	12°57'03	29° 0	0°13	13°44	9°39	28°36	8°25	2°29	24°15	6°33	11°39	11°39	21°51	24°57	T 27
W28	21 0 31	13°54'41	13♍ 4	29♌52	14°58	10°13	28°33	8°27	2°30	24°16	6°32	11°29	11°35	21°57	25° 2	W28
T 29	21 4 28	14°52'19	26°43	29°25	16°12	10°47	28°29	8°28	2°32	24°17	6°31	11°21	11°32	22° 4	25° 7	T 29
F 30	21 8 24	15°49'58	9♎55	28°54	17°26	11°21	28°26	8°29	2°33	24°17	6°30	11°16	11°29	22°11	25°11	F 30
S 31	21 12 21	16♌47'38	22♎42	28♌17	18♌40	11♏56	28♐23	8♉31	2♏34	24♉18	6♓28	11♉13	11♎26	22♐17	25♎16	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	22n16	8n25	4n12	17n19	0n32	23n28	0n29	11s20	1s 9	23s27	0n 3	11n41	2s23	11n50	0n28	17n 6	1s43	21s45	13s49	16n 7	15n47	26s 3	8s37	0n34
F 2	22 9	2 28	3 26	16 48	0 23	23 23	0 31	11 30	1 10	23 27	0 3	11 42	2 23	11 50	0 28	17 6	1 43	21 45	13 49	16 6	15 46	26 4	8 38	0 34
S 3	22 0	3s23	2 31	16 16	0 13	23 18	0 33	11 41	1 11	23 27	0 3	11 43	2 24	11 50	0 28	17 7	1 43	21 46	13 50	16 5	15 45	26 6	8 38	0 34
S 4	21 52	8 58	1 30	15 44	0 3	23 12	0 36	11 52	1 12	23 27	0 2	11 44	2 24	11 50	0 28	17 7	1 43	21 47	13 50	16 5	15 44	26 7	8 39	0 34
M 5	21 43	14 5	0 27	15 13	0s 7	23 5	0 38	12 2	1 13	23 28	0 2	11 45	2 24	11 50	0 28	17 7	1 43	21 47	13 50	16 6	15 43	26 8	8 39	0 35
T 6	21 33	18 36	0s36	14 41	0 18	22 58	0 40	12 13	1 14	23 28	0 2	11 46	2 24	11 50	0 28	17 8	1 43	21 48	13 50	16 6	15 42	26 9	8 40	0 35
W 7	21 24	22 21	1 38	14 10	0 29	22 50	0 42	12 24	1 15	23 28	0 2	11 47	2 24	11 50	0 28	17 8	1 43	21 48	13 51	16 5	15 41	26 11	8 41	0 35
T 8	21 14	25 9	2 34	13 39	0 40	22 41	0 44	12 35	1 16	23 28	0 2	11 48	2 25	11 50	0 28	17 8	1 43	21 49	13 51	16 4	15 40	26 12	8 42	0 36
F 9	21 3	26 51	3 25	13 9	0 51	22 32	0 46	12 46	1 16	23 28	0 2	11 49	2 25	11 50	0 28	17 8	1 43	21 49	13 51	16 2	15 39	26 13	8 43	0 36
S 10	20 52	27 20	4 6	12 39	1 3	22 22	0 48	12 57	1 17	23 29	0 2	11 50	2 25	11 51	0 28	17 9	1 43	21 50	13 51	15 59	15 38	26 14	8 43	0 36
S 11	20 41	26 31	4 37	12 10	1 15	22 11	0 50	13 8	1 18	23 29	0 1	11 51	2 25	11 51	0 28	17 9	1 43	21 51	13 52	15 56	15 37	26 16	8 44	0 36
M12	20 30	24 27	4 55	11 41	1 27	22 0	0 52	13 20	1 19	23 29	0 1	11 51	2 26	11 51	0 28	17 9	1 43	21 51	13 52	15 52	15 36	26 17	8 45	0 37
T 13	20 18	21 12	5 1	11 13	1 39	21 48	0 54	13 31	1 20	23 29	0 1	11 52	2 26	11 52	0 27	17 9	1 43	21 52	13 52	15 48	15 36	26 18	8 46	0 37
W14	20 6	16 58	4 51	10 47	1 52	21 35	0 55	13 42	1 21	23 29	0 1	11 53	2 26	11 52	0 27	17 10	1 43	21 52	13 53	15 45	15 35	26 19	8 47	0 37
T 15	19 53	11 56	4 28	10 21	2 4	21 22	0 57	13 53	1 21	23 29	0 1	11 54	2 26	11 52	0 27	17 10	1 43	21 53	13 53	15 42	15 34	26 20	8 48	0 37
F 16	19 40	6 19	3 50	9 56	2 16	21 8	0 59	14 5	1 22	23 29	0 1	11 54	2 27	11 52	0 27	17 10	1 44	21 53	13 53	15 39	15 33	26 22	8 49	0 38
S 17	19 27	0 21	3 0	9 33	2 29	20 53	1 1	14 16	1 23	23 29	0 1	11 55	2 27	11 52	0 27	17 10	1 44	21 54	13 53	15 38	15 32	26 23	8 50	0 38
S 18	19 14	5n46	1 59	9 11	2 41	20 38	1 2	14 27	1 24	23 29	0 0	11 55	2 27	11 53	0 27	17 11	1 44	21 55	13 53	15 37	15 31	26 24	8 52	0 38
M19	19 0	11 45	0 50	8 51	2 54	20 22	1 4	14 39	1 24	23 29	0 0	11 56	2 27	11 53	0 27	17 11	1 44	21 55	13 54	15 37	15 30	26 25	8 53	0 38
T 20	18 46	17 17	0n23	8 33	3 6	20 6	1 5	14 50	1 25	23 30	0 0	11 57	2 28	11 53	0 27	17 11	1 44	21 56	13 54	15 37	15 29	26 26	8 54	0 39
W21	18 31	21 59	1 37	8 16	3 18	19 49	1 7	15 1	1 26	23 30	0 0	11 57	2 28	11 54	0 27	17 11	1 44	21 56	13 54	15 37	15 28	26 27	8 55	0 39
T 22	18 16	25 26	2 45	8 1	3 29	19 32	1 8	15 13	1 27	23 30	0s 0	11 58	2 28	11 54	0 27	17 11	1 44	21 57	13 54	15 36	15 27	26 28	8 57	0 39
F 23	18 1	27 13	3 44	7 49	3 41	19 14	1 10	15 24	1 27	23 30	0 0	11 58	2 28	11 55	0 27	17 11	1 44	21 58	13 55	15 34	15 26	26 30	8 58	0 39
S 24	17 46	27 5	4 28	7 38	3 51	18 55	1 11	15 35	1 28	23 30	0 0	11 58	2 28	11 55	0 27	17 12	1 44	21 58	13 55	15 32	15 25	26 31	8 59	0 40
S 25	17 30	25 1	4 54	7 31	4 1	18 36	1 12	15 47	1 29	23 30	0 1	11 59	2 29	11 55	0 27	17 12	1 44	21 59	13 55	15 29	15 24	26 32	9 1	0 40
M26	17 14	21 17	5 0	7 25	4 11	18 16	1 13	15 58	1 29	23 30	0 1	11 59	2 29	11 56	0 27	17 12	1 44	21 59	13 55	15 25	15 23	26 33	9 2	0 40
T 27	16 58	16 20	4 47	7 23	4 19	17 56	1 15	16 9	1 30	23 30	0 1	11 59	2 29	11 56	0 27	17 12	1 44	22 0	13 55	15 22	15 22	26 34	9 4	0 40
W28	16 42	10 37	4 16	7 23	4 26	17 36	1 16	16 20	1 30	23 30	0 1	12 0	2 29	11 56	0 27	17 12	1 44	22 1	13 55	15 19	15 21	26 36	9 5	0 40
T 29	16 25	4 33	3 32	7 26	4 33	17 14	1 17	16 32	1 31	23 30	0 1	12 0	2 30	11 57	0 27	17 12	1 44	22 1	13 55	15 16	15 20	26 37	9 7	0 41
F 30	16 8	1s31	2 37	7 32	4 38	16 53	1 18	16 43	1 32	23 31	0 1	12 0	2 30	11 58	0 27	17 12	1 44	22 2	13 56	15 15	15 19	26 37	9 8	0 41
S 31	15n50	7s21	1n36	7n41	4s42	16n31	1n19	16s55	1s32	23s31	0s 1	12n 0	2s30	11n59	0n27	17n12	1s44	22s 2	13s56	15n14	15n18	26s38	9s10	0n41

ASTRODIENST EPHEMERIS for the year 1557
geocentric

AUGUST 1557 JC   **00:00 UT**

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 16 17	17♌45'20	5♏ 7	27°R36	19♌55	12♏30	28°R21	8♉32	2♏36	24♉19	6°R27	11°R12	11♉23	22♐24	25♎21	S 1
M 2	21 20 14	18°43'02	17°15	26♌52	21° 9	13° 5	28♐18	8°33	2°38	24°19	6♓26	11♉12	11°20	22°31	25°27	M 2
T 3	21 24 11	19°40'46	29°11	26° 3	22°23	13°40	28°16	8°34	2°39	24°20	6°25	11°12	11°16	22°37	25°32	T 3
W 4	21 28 7	20°38'31	11♐ 2	25°13	23°37	14°16	28°13	8°35	2°41	24°20	6°24	11°10	11°13	22°44	25°37	W 4
T 5	21 32 4	21°36'17	22°51	24°20	24°52	14°51	28°11	8°35	2°43	24°21	6°23	11° 7	11°10	22°51	25°42	T 5
F 6	21 36 0	22°34'04	4♑44	23°27	26° 6	15°27	28° 9	8°36	2°45	24°21	6°21	11° 0	11° 7	22°57	25°48	F 6
S 7	21 39 57	23°31'52	16°45	22°35	27°20	16° 3	28° 8	8°36	2°46	24°21	6°20	10°52	11° 4	23° 4	25°53	S 7
S 8	21 43 53	24°29'42	28°55	21°44	28°35	16°39	28° 6	8°37	2°48	24°22	6°19	10°41	11° 0	23°11	25°59	S 8
M 9	21 47 50	25°27'33	11♒18	20°55	29°49	17°16	28° 5	8°37	2°50	24°22	6°18	10°28	10°57	23°17	26° 5	M 9
T 10	21 51 46	26°25'26	23°54	20°10	1♍ 3	17°52	28° 4	8°37	2°52	24°22	6°16	10°16	10°54	23°24	26°10	T 10
W11	21 55 43	27°23'20	6♓43	19°30	2°17	18°29	28° 3	8°R38	2°54	24°23	6°15	10° 4	10°51	23°31	26°16	W11
T 12	21 59 40	28°21'15	19°44	18°55	3°32	19° 6	28° 2	8°37	2°56	24°23	6°14	9°54	10°48	23°37	26°22	T 12
F 13	22 3 36	29°19'13	2♈57	18°26	4°46	19°43	28° 2	8°37	2°58	24°23	6°13	9°47	10°45	23°44	26°28	F 13
S 14	22 7 33	0♍17'12	16°21	18° 5	6° 1	20°20	28° 1	8°37	3° 0	24°23	6°11	9°42	10°41	23°51	26°34	S 14
S 15	22 11 29	1°15'13	29°55	17°51	7°15	20°57	28°D 1	8°37	3° 3	24°23	6°10	9°40	10°38	23°57	26°40	S 15
M16	22 15 26	2°13'16	13♉39	17°D45	8°29	21°35	28° 1	8°36	3° 5	24°23	6° 9	9°D40	10°35	24° 4	26°46	M16
T 17	22 19 22	3°11'21	27°33	17°48	9°44	22°13	28° 1	8°36	3° 7	24°24	6° 8	9°R40	10°32	24°11	26°53	T 17
W18	22 23 19	4° 9'28	11♊37	17°59	10°58	22°50	28° 2	8°35	3°10	24°R24	6° 6	9°40	10°29	24°17	26°59	W18
T 19	22 27 15	5° 7'37	25°51	18°19	12°13	23°29	28° 3	8°34	3°12	24°24	6° 5	9°38	10°25	24°24	27° 5	T 19
F 20	22 31 12	6° 5'48	10♋13	18°47	13°27	24° 7	28° 3	8°34	3°14	24°24	6° 4	9°34	10°22	24°31	27°12	F 20
S 21	22 35 9	7° 4'01	24°39	19°24	14°42	24°45	28° 4	8°33	3°17	24°23	6° 3	9°28	10°19	24°38	27°18	S 21
S 22	22 39 5	8° 2'17	9♌ 4	20° 9	15°56	25°24	28° 5	8°32	3°19	24°23	6° 1	9°20	10°16	24°44	27°25	S 22
M23	22 43 2	9° 0'34	23°23	21° 1	17°11	26° 2	28° 7	8°30	3°22	24°23	6° 0	9°10	10°13	24°51	27°32	M23
T 24	22 46 58	9°58'53	7♍29	22° 2	18°25	26°41	28° 8	8°29	3°24	24°23	5°59	9° 0	10°10	24°58	27°38	T 24
W25	22 50 55	10°57'13	21°19	23° 9	19°40	27°20	28°10	8°28	3°27	24°23	5°58	8°52	10° 6	25° 4	27°45	W25
T 26	22 54 51	11°55'36	4♎47	24°22	20°54	28° 0	28°12	8°26	3°30	24°23	5°56	8°45	10° 3	25°11	27°52	T 26
F 27	22 58 48	12°54'00	17°53	25°42	22° 9	28°39	28°14	8°25	3°32	24°22	5°55	8°41	10° 0	25°18	27°59	F 27
S 28	23 2 44	13°52'26	0♏37	27° 7	23°23	29°18	28°16	8°23	3°35	24°22	5°54	8°39	9°57	25°24	28° 6	S 28
S 29	23 6 41	14°50'53	13° 2	28°37	24°38	29°58	28°19	8°21	3°38	24°22	5°53	8°D38	9°54	25°31	28°13	S 29
M30	23 10 38	15°49'23	25°11	0♍11	25°52	0♐38	28°22	8°19	3°40	24°21	5°51	8°39	9°51	25°38	28°20	M30
T 31	23 14 34	16♍47'54	7♐ 8	1♍48	27♍ 7	1♐18	28♐24	8♉17	3♏43	24♉21	5♓50	8♉40	9♎47	25♐44	28♎27	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	15n33	12s45	0n32	7n53	4s44	16n 8	1n20	17s 6	1s33	23s31	0s 1	12n 0	2s30	11s59	0n27	17n13	1s44	22s 3	13s56	15n14	15n17	26s39	9s11	0n41
M 2	15 15	17 32	0s32	8 8	4 44	15 45	1 20	17 17	1 33	23 31	0 2	12 0	2 31	12 0	0 27	17 13	1 44	22 3	13 56	15 14	15 16	26 40	9 13	0 42
T 3	14 57	21 33	1 34	8 26	4 43	15 22	1 21	17 28	1 34	23 31	0 2	12 1	2 31	12 0	0 27	17 13	1 44	22 4	13 56	15 13	15 15	26 41	9 15	0 42
W 4	14 39	24 39	2 31	8 46	4 39	14 58	1 22	17 39	1 34	23 31	0 2	12 1	2 31	12 1	0 27	17 13	1 45	22 5	13 56	15 13	15 14	26 43	9 16	0 42
T 5	14 20	26 40	3 22	9 8	4 34	14 34	1 22	17 51	1 35	23 31	0 2	12 1	2 31	12 1	0 27	17 13	1 45	22 5	13 56	15 12	15 13	26 44	9 18	0 42
F 6	14 2	27 28	4 3	9 32	4 27	14 9	1 23	18 2	1 35	23 31	0 2	12 2	2 32	12 2	0 27	17 13	1 45	22 6	13 57	15 10	15 12	26 45	9 20	0 43
S 7	13 43	27 0	4 35	9 57	4 18	13 44	1 23	18 13	1 36	23 31	0 2	12 3	0 27	17 13	1 45	22 6	13 57	15 7	15 11	26 46	9 22	0 43		
S 8	13 23	25 14	4 55	10 24	4 7	13 19	1 24	18 23	1 36	23 31	0 2	12 3	2 32	12 3	0 27	17 13	1 45	22 7	13 57	15 4	15 10	26 47	9 23	0 43
M 9	13 4	22 15	5 1	10 51	3 55	12 53	1 24	18 34	1 37	23 32	0 2	12 4	2 32	12 4	0 27	17 13	1 45	22 7	13 57	15 0	15 9	26 48	9 25	0 43
T 10	12 44	18 11	4 53	11 18	3 41	12 27	1 25	18 45	1 37	23 32	0 3	12 5	2 33	12 5	0 27	17 13	1 45	22 8	13 57	14 56	15 8	26 49	9 27	0 44
W11	12 25	13 14	4 30	11 45	3 26	12 0	1 25	18 56	1 37	23 32	0 3	12 6	2 33	12 6	0 27	17 13	1 45	22 9	13 57	14 52	15 7	26 50	9 29	0 44
T 12	12 5	7 38	3 52	12 11	3 9	11 33	1 25	19 6	1 38	23 32	0 3	12 7	2 33	12 6	0 27	17 13	1 45	22 9	13 57	14 49	15 6	26 51	9 31	0 44
F 13	11 44	1 36	3 2	12 37	2 52	11 6	1 25	19 17	1 38	23 32	0 3	12 7	2 33	12 7	0 27	17 13	1 45	22 10	13 57	14 47	15 5	26 52	9 33	0 44
S 14	11 24	4n35	2 1	13 0	2 34	10 39	1 25	19 27	1 39	23 32	0 3	12 8	2 34	12 8	0 26	17 13	1 45	22 10	13 57	14 45	15 4	26 53	9 35	0 45
S 15	11 3	10 40	0 52	13 22	2 16	10 11	1 25	19 38	1 39	23 32	0 3	11 59	2 34	12 9	0 26	17 13	1 45	22 11	13 57	14 45	15 3	26 54	9 37	0 45
M16	10 43	16 19	0n21	13 42	1 57	9 43	1 25	19 48	1 39	23 32	0 3	11 58	2 34	12 9	0 26	17 13	1 45	22 11	13 57	14 45	15 2	26 54	9 39	0 45
T 17	10 22	21 11	1 34	13 59	1 38	9 15	1 25	19 58	1 40	23 32	0 3	11 58	2 34	12 10	0 26	17 13	1 45	22 12	13 57	14 45	15 1	26 55	9 41	0 45
W18	10 1	24 54	2 41	14 13	1 20	8 47	1 25	20 8	1 40	23 31	0 4	11 57	2 35	12 11	0 26	17 13	1 45	22 12	13 58	14 45	15 0	26 56	9 43	0 45
T 19	9 39	27 6	3 40	14 24	1 1	8 18	1 24	20 18	1 40	23 32	0 4	11 57	2 35	12 12	0 26	17 13	1 45	22 13	13 58	14 44	14 59	26 57	9 45	0 46
F 20	9 18	27 31	4 25	14 32	0 44	7 49	1 24	20 28	1 41	23 33	0 4	11 56	2 35	12 13	0 26	17 13	1 45	22 13	13 58	14 43	14 58	26 58	9 47	0 46
S 21	8 56	26 4	4 54	14 37	0 27	7 20	1 24	20 38	1 41	23 33	0 4	11 56	2 35	12 14	0 26	17 13	1 45	22 14	13 58	14 41	14 57	26 59	9 49	0 46
S 22	8 35	22 55	5 4	14 38	0 10	6 50	1 23	20 48	1 41	23 33	0 4	11 55	2 36	12 14	0 26	17 12	1 46	22 14	13 58	14 38	14 56	27 0	9 51	0 46
M23	8 13	18 23	4 55	14 36	0n 5	6 21	1 23	20 57	1 41	23 33	0 4	11 55	2 36	12 15	0 26	17 12	1 46	22 15	13 58	14 35	14 55	27 1	9 54	0 47
T 24	7 51	12 55	4 28	14 30	0 19	5 51	1 22	21 7	1 42	23 33	0 4	11 54	2 36	12 16	0 26	17 12	1 46	22 15	13 58	14 32	14 54	27 2	9 56	0 47
W25	7 29	6 54	3 45	14 21	0 33	5 21	1 21	21 16	1 42	23 34	0 4	11 54	2 36	12 17	0 26	17 12	1 46	22 16	13 58	14 29	14 53	27 3	9 58	0 47
T 26	7 6	0 43	2 51	14 8	0 45	4 51	1 21	21 25	1 42	23 34	0 4	11 53	2 37	12 18	0 26	17 12	1 46	22 16	13 58	14 26	14 52	27 4	10 0	0 47
F 27	6 44	5s21	1 49	13 52	0 57	4 21	1 20	21 34	1 42	23 34	0 5	11 52	2 37	12 19	0 26	17 12	1 46	22 17	13 58	14 26	14 51	27 4	10 3	0 48
S 28	6 22	11 3	0 43	13 33	1 7	3 51	1 19	21 43	1 42	23 34	0 5	11 51	2 37	12 20	0 26	17 12	1 46	22 17	13 58	14 25	14 50	27 5	10 5	0 48
S 29	5 59	16 10	0s24	13 10	1 16	3 20	1 18	21 52	1 43	23 34	0 5	11 51	2 37	12 21	0 26	17 12	1 46	22 18	13 58	14 25	14 49	27 6	10 7	0 48
M30	5 36	20 32	1 28	12 44	1 24	2 50	1 17	22 1	1 43	23 34	0 5	11 50	2 37	12 22	0 26	17 12	1 46	22 18	13 58	14 25	14 48	27 7	10 9	0 48
T 31	5n13	23s59	2s27	12n16	1n31	2n19	1n16	22s 9	1s43	23s34	0s 5	11n49	2s38	12s23	0n26	17n11	1s46	22s19	13s58	14n26	14n47	27s 8	10s12	0n49

Julian Day Number = 2289964.5, Delta T = 163.66 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'00, Lahiri = 17°41'01 Julian Calendar 1 Aug. 1557 == Greg. Calendar 11 Aug. 1557

SEPTEMBER 1557 JC   00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚷	⚸	Day
W 1	23 18 31	17♍46'26	19♐ 0	3♍29	28♍21	1♐58	28♐28	8°R15	3♏46	24°R20	5°R49	8°R41	9♉44	25♐51	28♎34	W 1
T 2	23 22 27	18°45'01	0♑51	5°13	29°36	2°38	28°31	8°13	3°49	24♉20	5♓48	8°40	9°41	25°58	28°41	T 2
F 3	23 26 24	19°43'37	12°46	6°58	0♎50	3°18	28°34	8°11	3°52	24°20	5°47	8°37	9°38	26° 4	28°49	F 3
S 4	23 30 20	20°42'15	24°49	8°45	2° 5	3°59	28°38	8° 8	3°55	24°19	5°45	8°32	9°35	26°11	28°56	S 4
S 5	23 34 17	21°40'54	7♒ 5	10°34	3°19	4°39	28°41	8° 6	3°58	24°18	5°44	8°26	9°31	26°18	29° 3	S 5
M 6	23 38 13	22°39'35	19°37	12°23	4°34	5°20	28°45	8° 3	4° 1	24°18	5°43	8°18	9°28	26°25	29°11	M 6
T 7	23 42 10	23°38'19	2♓25	14°13	5°48	6° 1	28°50	8° 0	4° 4	24°17	5°42	8°10	9°25	26°31	29°18	T 7
W 8	23 46 7	24°37'03	15°31	16° 3	7° 3	6°42	28°54	7°58	4° 7	24°17	5°41	8° 2	9°22	26°38	29°26	W 8
T 9	23 50 3	25°35'50	28°53	17°54	8°17	7°23	28°58	7°55	4°10	24°16	5°39	7°56	9°19	26°45	29°33	T 9
F 10	23 54 0	26°34'39	12♈30	19°44	9°32	8° 4	29° 3	7°52	4°13	24°15	5°38	7°52	9°16	26°51	29°41	F 10
S 11	23 57 56	27°33'30	26°19	21°34	10°47	8°46	29° 8	7°49	4°16	24°14	5°37	7°49	9°12	26°58	29°48	S 11
S 12	0 1 53	28°32'24	10♉16	23°24	12° 1	9°27	29°13	7°46	4°20	24°14	5°36	7°D49	9° 9	27° 5	29°56	S 12
M13	0 5 49	29°31'19	24°20	25°13	13°16	10° 9	29°18	7°43	4°23	24°13	5°35	7°50	9° 6	27°11	0♏ 4	M13
T 14	0 9 46	0♎30'17	8♊28	27° 2	14°30	10°50	29°23	7°39	4°26	24°12	5°34	7°51	9° 3	27°18	0°12	T 14
W15	0 13 42	1°29'17	22°38	28°50	15°45	11°32	29°29	7°36	4°29	24°11	5°33	7°52	9° 0	27°25	0°19	W15
T 16	0 17 39	2°28'20	6♋48	0♎38	16°59	12°14	29°34	7°32	4°33	24°10	5°32	7°R52	8°57	27°31	0°27	T 16
F 17	0 21 36	3°27'25	20°57	2°24	18°14	12°56	29°40	7°29	4°36	24° 9	5°30	7°51	8°53	27°38	0°35	F 17
S 18	0 25 32	4°26'33	5♌ 3	4°10	19°28	13°38	29°46	7°25	4°39	24° 8	5°29	7°48	8°50	27°45	0°43	S 18
S 19	0 29 29	5°25'42	19° 3	5°55	20°43	14°20	29°52	7°22	4°43	24° 7	5°28	7°44	8°47	27°51	0°51	S 19
M20	0 33 25	6°24'54	2♍54	7°40	21°58	15° 3	29°58	7°18	4°46	24° 6	5°27	7°40	8°44	27°58	0°59	M20
T 21	0 37 22	7°24'08	16°33	9°23	23°12	15°45	0♑ 5	7°14	4°50	24° 5	5°26	7°35	8°41	28° 5	1° 7	T 21
W22	0 41 18	8°23'25	29°59	11° 6	24°27	16°28	0°11	7°10	4°53	24° 4	5°25	7°30	8°37	28°12	1°15	W22
T 23	0 45 15	9°22'43	13♎ 8	12°48	25°41	17°10	0°18	7° 6	4°56	24° 3	5°24	7°27	8°34	28°18	1°23	T 23
F 24	0 49 11	10°22'03	26° 0	14°29	26°56	17°53	0°25	7° 2	5° 0	24° 2	5°23	7°25	8°31	28°25	1°31	F 24
S 25	0 53 8	11°21'26	8♏36	16°10	28°10	18°36	0°32	6°58	5° 3	24° 1	5°22	7°D25	8°28	28°32	1°39	S 25
S 26	0 57 4	12°20'50	20°56	17°50	29°25	19°19	0°39	6°54	5° 7	24° 0	5°21	7°25	8°25	28°38	1°47	S 26
M27	1 1 1	13°20'17	3♐ 2	19°29	0♏40	20° 2	0°46	6°50	5°10	23°59	5°20	7°27	8°22	28°45	1°55	M27
T 28	1 4 58	14°19'45	15° 0	21° 7	1°54	20°45	0°54	6°46	5°14	23°57	5°19	7°28	8°18	28°52	2° 4	T 28
W29	1 8 54	15°19'15	26°51	22°45	3° 9	21°29	1° 2	6°41	5°18	23°56	5°18	7°30	8°15	28°58	2°12	W29
T 30	1 12 51	16♎18'47	8♐42	24♎22	4♏23	22°12	1♑ 9	6♉37	5♏21	23♉55	5♓18	7♉31	8♉12	29♐ 5	2♏20	T 30

Day	☉		☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚷	⚸	
	decl		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n51	26s22	3s20	11n45	1n36	1n48	1n15	22s17	1s43	23s35	0s 5	11n48	2s38	12s24	0n26	17n11	1s46	22s19	13s58	14n26	14n46	27s 9	10s14	0n49
T 2	4 28	27 33	4 4	11 11	1 41	1 17	1 14	22 26	1 43	23 35	0 5	11 47	2 38	12 25	0 26	17 11	1 46	22 19	13 58	14 25	14 45	27 10	10 16	0 49
F 3	4 5	27 29	4 37	10 36	1 45	0 47	1 13	22 34	1 43	23 35	0 5	11 46	2 38	12 26	0 26	17 11	1 46	22 20	13 57	14 25	14 44	27 10	10 19	0 49
S 4	3 42	26 7	4 59	9 58	1 48	0 16	1 11	22 42	1 44	23 35	0 5	11 45	2 38	12 27	0 26	17 11	1 46	22 20	13 57	14 23	14 43	27 11	10 21	0 49
S 5	3 18	23 30	5 8	9 19	1 49	0s15	1 10	22 49	1 44	23 35	0 6	11 44	2 39	12 28	0 26	17 11	1 46	22 21	13 57	14 21	14 42	27 12	10 23	0 50
M 6	2 55	19 45	5 2	8 38	1 51	0 46	1 9	22 57	1 44	23 35	0 6	11 43	2 39	12 29	0 26	17 10	1 46	22 21	13 57	14 18	14 41	27 13	10 26	0 50
T 7	2 32	15 0	4 41	7 56	1 51	1 17	1 7	23 4	1 44	23 35	0 6	11 42	2 39	12 30	0 26	17 10	1 46	22 22	13 57	14 16	14 40	27 14	10 28	0 50
W 8	2 9	9 29	4 5	7 13	1 50	1 48	1 6	23 11	1 44	23 36	0 6	11 41	2 39	12 31	0 26	17 10	1 46	22 22	13 57	14 13	14 39	27 14	10 31	0 50
T 9	1 45	3 25	3 15	6 28	1 49	2 19	1 4	23 18	1 44	23 36	0 6	11 40	2 39	12 32	0 26	17 10	1 47	22 23	13 57	14 11	14 38	27 15	10 33	0 51
F 10	1 22	2n55	2 13	5 43	1 48	2 50	1 3	23 25	1 44	23 36	0 6	11 39	2 40	12 33	0 26	17 10	1 47	22 23	13 57	14 9	14 36	27 17	10 38	0 51
S 11	0 58	9 13	1 2	4 58	1 45	3 21	1 1	23 32	1 44	23 36	0 6	11 38	2 40	12 34	0 26	17 9	1 47	22 23	13 57	14 9	14 36	27 17	10 38	0 51
S 12	0 35	15 9	0n13	4 12	1 43	3 51	0 59	23 38	1 44	23 36	0 6	11 37	2 40	12 35	0 26	17 9	1 47	22 24	13 57	14 9	14 35	27 17	10 41	0 51
M13	0 11	20 20	1 29	3 25	1 39	4 22	0 57	23 45	1 44	23 36	0 6	11 35	2 40	12 36	0 26	17 9	1 47	22 24	13 57	14 9	14 34	27 18	10 43	0 52
T 14	0s12	24 23	2 39	2 39	1 36	4 53	0 56	23 51	1 44	23 36	0 6	11 34	2 40	12 38	0 26	17 8	1 47	22 24	13 57	14 10	14 33	27 19	10 45	0 52
W15	0 36	26 57	3 40	1 52	1 31	5 23	0 54	23 57	1 44	23 36	0 7	11 33	2 40	12 39	0 26	17 8	1 47	22 25	13 56	14 10	14 32	27 20	10 48	0 52
T 16	0 59	27 46	4 27	1 5	1 27	5 54	0 52	24 2	1 44	23 37	0 7	11 32	2 41	12 40	0 26	17 8	1 47	22 25	13 56	14 10	14 31	27 20	10 51	0 52
F 17	1 23	26 46	4 58	0 18	1 22	6 24	0 50	24 8	1 44	23 37	0 7	11 30	2 41	12 41	0 26	17 7	1 47	22 25	13 56	14 10	14 30	27 21	10 53	0 53
S 18	1 46	24 5	5 11	0s29	1 17	6 54	0 48	24 13	1 44	23 37	0 7	11 29	2 41	12 42	0 26	17 7	1 47	22 25	13 56	14 9	14 29	27 22	10 56	0 53
S 19	2 10	19 59	5 6	1 16	1 12	7 24	0 46	24 18	1 44	23 37	0 7	11 28	2 41	12 43	0 26	17 7	1 47	22 25	13 56	14 8	14 28	27 22	10 58	0 53
M20	2 33	14 51	4 42	2 2	1 6	7 54	0 44	24 23	1 44	23 37	0 7	11 27	2 41	12 44	0 26	17 7	1 47	22 26	13 56	14 6	14 27	27 23	11 1	0 53
T 21	2 57	9 3	4 3	2 48	1 0	8 24	0 42	24 28	1 44	23 37	0 7	11 25	2 41	12 46	0 26	17 6	1 47	22 26	13 56	14 4	14 26	27 24	11 3	0 54
W22	3 20	2 55	3 11	3 34	0 54	8 53	0 39	24 32	1 44	23 37	0 7	11 24	2 41	12 47	0 26	17 6	1 47	22 26	13 56	14 3	14 25	27 24	11 6	0 54
T 23	3 44	3s13	2 9	4 20	0 48	9 23	0 37	24 36	1 44	23 37	0 7	11 22	2 42	12 48	0 26	17 5	1 47	22 27	13 55	14 2	14 24	27 25	11 8	0 54
F 24	4 7	9 6	1 2	5 5	0 42	9 52	0 35	24 40	1 44	23 37	0 7	11 21	2 42	12 49	0 26	17 5	1 47	22 27	13 55	14 1	14 23	27 26	11 11	0 54
S 25	4 30	14 30	0s 7	5 50	0 35	10 21	0 33	24 44	1 44	23 37	0 8	11 20	2 42	12 50	0 26	17 4	1 47	22 27	13 55	14 1	14 22	27 26	11 13	0 55
S 26	4 53	19 13	1 14	6 34	0 29	10 49	0 30	24 47	1 44	23 37	0 8	11 18	2 42	12 52	0 26	17 4	1 47	22 27	13 55	14 1	14 21	27 27	11 16	0 55
M27	5 17	23 3	2 16	7 18	0 22	11 18	0 28	24 51	1 44	23 37	0 8	11 17	2 42	12 53	0 26	17 4	1 47	22 28	13 55	14 0	14 20	27 28	11 19	0 55
T 28	5 40	25 50	3 12	8 1	0 15	11 46	0 26	24 54	1 43	23 38	0 8	11 15	2 42	12 54	0 25	17 3	1 47	22 28	13 55	14 1	14 19	27 28	11 21	0 55
W29	6 3	27 27	4 0	8 44	0 9	12 14	0 23	24 57	1 43	23 38	0 8	11 14	2 42	12 55	0 25	17 4	1 47	22 28	13 54	14 1	14 18	27 29	11 24	0 56
T 30	6s26	27s49	4s37	9s26	0n 2	12s41	0n21	24s59	1s43	23s38	0s 8	11n12	2s42	12s56	0n25	17n 4	1s47	22s28	13s54	14n 3	14n17	27s30	11s26	0n56

Julian Day Number = 2289995.5, Delta T = 163.48 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'04, Lahiri = 17°41'05 Julian Calendar 1 Sept. 1557 == Greg. Calendar 11 Sept. 1557

ASTRODIENST EPHEMERIS for the year 1557
geocentric

OCTOBER 1557 JC   00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☋	⚷	⚸	Day
F 1	1 16 47	17♎18'21	20♑37	25♎58	5♏38	22♐55	1♑17	6°R32	5♏25	23°R54	5°R17	7°R31	8♉ 9	29♐12	2♏28	F 1
S 2	1 20 44	18°17'56	2≈40	27°33	6°52	23°39	1°25	6♉28	5°28	23♉52	5♓16	7♉30	8° 6	29°18	2°37	S 2
S 3	1 24 40	19°17'33	14°56	29° 8	8° 7	24°23	1°34	6°23	5°32	23°51	5°15	7°29	8° 2	29°25	2°45	S 3
M 4	1 28 37	20°17'12	27°30	0♏43	9°22	25° 6	1°42	6°19	5°36	23°50	5°14	7°27	7°59	29°32	2°53	M 4
T 5	1 32 33	21°16'53	10♓24	2°17	10°36	25°50	1°50	6°14	5°39	23°48	5°13	7°24	7°56	29°39	3° 2	T 5
W 6	1 36 30	22°16'36	23°39	3°50	11°51	26°34	1°59	6°10	5°43	23°47	5°13	7°22	7°53	29°45	3°10	W 6
T 7	1 40 27	23°16'20	7♈17	5°22	13° 5	27°18	2° 8	6° 5	5°47	23°46	5°12	7°20	7°50	29°52	3°18	T 7
F 8	1 44 23	24°16'06	21°14	6°54	14°20	28° 2	2°16	6° 0	5°50	23°44	5°11	7°19	7°47	29°59	3°27	F 8
S 9	1 48 20	25°15'55	5♉28	8°26	15°34	28°46	2°25	5°56	5°54	23°43	5°10	7°D19	7°43	0♑ 5	3°35	S 9
S 10	1 52 16	26°15'45	19°53	9°57	16°49	29°30	2°34	5°51	5°58	23°41	5°10	7°19	7°40	0°12	3°43	S 10
M11	1 56 13	27°15'37	4♊25	11°27	18° 3	0♑14	2°44	5°46	6° 1	23°40	5° 9	7°19	7°37	0°19	3°52	M11
T 12	2 0 9	28°15'32	18°57	12°57	19°18	0°59	2°53	5°41	6° 5	23°38	5° 8	7°20	7°34	0°25	4° 0	T 12
W13	2 4 6	29°15'29	3♋25	14°27	20°32	1°43	3° 2	5°37	6° 9	23°37	5° 8	7°21	7°31	0°32	4° 9	W13
T 14	2 8 2	0♏15'29	17°45	15°55	21°47	2°28	3°12	5°32	6°13	23°35	5° 7	7°22	7°28	0°39	4°17	T 14
F 15	2 11 59	1°15'30	1♌54	17°24	23° 1	3°12	3°22	5°27	6°16	23°34	5° 6	7°R22	7°24	0°45	4°25	F 15
S 16	2 15 56	2°15'34	15°50	18°51	24°16	3°57	3°32	5°22	6°20	23°32	5° 6	7°22	7°21	0°52	4°34	S 16
S 17	2 19 52	3°15'39	29°31	20°18	25°30	4°41	3°41	5°17	6°24	23°31	5° 5	7°21	7°18	0°59	4°42	S 17
M18	2 23 49	4°15'47	12♍59	21°45	26°45	5°26	3°51	5°12	6°28	23°29	5° 5	7°21	7°15	1° 6	4°51	M18
T 19	2 27 45	5°15'57	26°13	23°11	27°59	6°11	4° 2	5° 7	6°31	23°28	5° 4	7°20	7°12	1°12	4°59	T 19
W20	2 31 42	6°16'09	9♎13	24°36	29°14	6°56	4°12	5° 3	6°35	23°26	5° 4	7°20	7° 8	1°19	5° 7	W20
T 21	2 35 38	7°16'23	22° 0	26° 0	0♐28	7°41	4°22	4°58	6°39	23°24	5° 3	7°D20	7° 5	1°26	5°16	T 21
F 22	2 39 35	8°16'38	4♏34	27°24	1°43	8°26	4°33	4°53	6°43	23°23	5° 3	7°R20	7° 2	1°32	5°24	F 22
S 23	2 43 31	9°16'56	16°56	28°47	2°57	9°11	4°43	4°48	6°46	23°21	5° 2	7°20	6°59	1°39	5°33	S 23
S 24	2 47 28	10°17'15	29° 7	0♐ 9	4°11	9°56	4°54	4°43	6°50	23°19	5° 2	7°20	6°56	1°46	5°41	S 24
M25	2 51 25	11°17'36	11♐ 9	1°29	5°26	10°41	5° 5	4°38	6°54	23°18	5° 2	7°20	6°53	1°52	5°49	M25
T 26	2 55 21	12°17'59	23° 4	2°49	6°40	11°27	5°16	4°34	6°58	23°16	5° 1	7°19	6°49	1°59	5°58	T 26
W27	2 59 18	13°18'23	4♑55	4° 8	7°55	12°12	5°27	4°29	7° 1	23°15	5° 1	7°18	6°46	2° 6	6° 6	W27
T 28	3 3 14	14°18'49	16°45	5°25	9° 9	12°57	5°38	4°24	7° 5	23°13	5° 1	7°17	6°43	2°13	6°15	T 28
F 29	3 7 11	15°19'16	28°38	6°41	10°24	13°43	5°49	4°19	7° 9	23°11	5° 0	7°17	6°40	2°19	6°23	F 29
S 30	3 11 7	16°19'45	10≈38	7°55	11°38	14°28	6° 0	4°15	7°13	23° 9	5° 0	7°D16	6°37	2°26	6°31	S 30
S 31	3 15 4	17♏20'15	22≈51	9♐ 7	12♐52	15♑14	6♑12	4♉10	7♏16	23♉ 8	5♓ 0	7♉16	6♉34	2♑33	6♏40	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	6s49	26s53	5s 2	10s 8	0s 5	13s 9	0n18	25s 1	1s43	23s38	0s 8	11n11	2s42	12s58	0n25	17n 3	1s47	22s28	13s54	14n 3	14n15	27s30	11s29	0n56
S 2	7 12	24 43	5 14	10 49	0 12	13 36	0 16	25 3	1 43	23 38	0 8	11 9	2 42	12 59	0 25	17 3	1 47	22 28	13 54	14 3	14 14	27 31	11 32	0 56
S 3	7 34	21 22	5 13	11 29	0 19	14 2	0 13	25 5	1 43	23 38	0 8	11 8	2 42	13 0	0 25	17 3	1 47	22 28	13 54	14 2	14 13	27 31	11 34	0 57
M 4	7 57	17 0	4 56	12 9	0 26	14 29	0 11	25 7	1 42	23 38	0 8	11 6	2 43	13 1	0 25	17 2	1 48	22 29	13 53	14 2	14 12	27 32	11 37	0 57
T 5	8 19	11 46	4 25	12 48	0 32	14 54	0 8	25 8	1 42	23 38	0 8	11 5	2 43	13 2	0 25	17 2	1 48	22 29	13 53	14 1	14 11	27 32	11 39	0 57
W 6	8 42	5 52	3 39	13 26	0 39	15 20	0 6	25 9	1 42	23 38	0 9	11 3	2 43	13 4	0 25	17 2	1 48	22 29	13 53	14 0	14 10	27 33	11 42	0 57
T 7	9 4	0n28	2 39	14 4	0 46	15 45	0 3	25 10	1 42	23 37	0 9	11 1	2 43	13 5	0 25	17 1	1 48	22 29	13 53	14 0	14 8	27 34	11 45	0 58
F 8	9 26	6 57	1 28	14 41	0 53	16 10	0 1	25 11	1 42	23 37	0 9	11 0	2 43	13 6	0 25	17 1	1 48	22 29	13 52	13 59	14 8	27 34	11 47	0 58
S 9	9 48	13 13	0 10	15 17	0 59	16 34	0s 2	25 11	1 41	23 37	0 9	10 58	2 43	13 7	0 25	17 1	1 48	22 29	13 52	13 59	14 7	27 35	11 50	0 58
S 10	10 10	18 52	1n 9	15 52	1 6	16 58	0 5	25 11	1 41	23 37	0 9	10 57	2 43	13 9	0 25	17 0	1 48	22 29	13 52	13 59	14 6	27 35	11 52	0 59
M11	10 31	23 27	2 25	16 27	1 12	17 22	0 7	25 11	1 41	23 37	0 9	10 55	2 43	13 10	0 25	17 0	1 48	22 29	13 52	13 59	14 5	27 36	11 55	0 59
T 12	10 53	26 32	3 31	17 1	1 18	17 45	0 10	25 10	1 41	23 37	0 9	10 53	2 43	13 11	0 25	16 59	1 48	22 29	13 52	14 0	14 4	27 36	11 57	0 59
W13	11 14	27 50	4 23	17 33	1 25	18 8	0 13	25 10	1 40	23 37	0 9	10 52	2 43	13 12	0 25	16 59	1 48	22 29	13 51	14 0	14 3	27 37	12 0	0 59
T 14	11 35	27 15	4 59	18 5	1 31	18 30	0 15	25 9	1 40	23 37	0 9	10 50	2 43	13 14	0 25	16 58	1 48	22 29	13 51	14 0	14 2	27 37	12 3	1 0
F 15	11 56	24 55	5 16	18 36	1 36	18 52	0 18	25 7	1 40	23 37	0 9	10 49	2 43	13 15	0 25	16 58	1 48	22 29	13 51	14 0	14 1	27 38	12 5	1 0
S 16	12 17	21 7	5 14	19 7	1 42	19 13	0 20	25 6	1 39	23 36	0 9	10 47	2 43	13 16	0 25	16 58	1 48	22 29	13 51	14 0	14 0	27 38	12 8	1 0
S 17	12 38	16 15	4 54	19 36	1 48	19 33	0 23	25 4	1 39	23 36	0 9	10 46	2 43	13 17	0 25	16 57	1 48	22 29	13 50	14 0	13 59	27 39	12 10	1 0
M18	12 58	10 40	4 18	20 4	1 53	19 54	0 26	25 2	1 39	23 36	0 10	10 44	2 43	13 19	0 25	16 57	1 48	22 29	13 50	14 0	13 58	27 39	12 13	1 1
T 19	13 19	4 42	3 29	20 31	1 58	20 13	0 28	25 0	1 39	23 36	0 10	10 42	2 43	13 20	0 25	16 57	1 48	22 29	13 50	14 0	13 57	27 40	12 15	1 1
W20	13 39	1s22	2 30	20 57	2 3	20 32	0 31	24 57	1 38	23 36	0 10	10 41	2 43	13 21	0 25	16 56	1 48	22 29	13 49	14 0	13 56	27 40	12 18	1 1
T 21	14 0	7 17	1 24	21 23	2 8	20 51	0 34	24 54	1 38	23 35	0 10	10 39	2 43	13 22	0 25	16 56	1 48	22 29	13 49	14 0	13 55	27 41	12 21	1 2
F 22	14 18	12 50	0 15	21 47	2 12	21 9	0 36	24 51	1 37	23 35	0 10	10 38	2 43	13 24	0 25	16 55	1 48	22 29	13 49	14 0	13 54	27 41	12 23	1 2
S 23	14 37	17 47	0s53	22 9	2 17	21 26	0 39	24 48	1 37	23 35	0 10	10 36	2 43	13 25	0 25	16 55	1 48	22 29	13 49	14 0	13 53	27 41	12 26	1 2
S 24	14 56	21 56	1 58	22 31	2 21	21 43	0 41	24 44	1 37	23 34	0 10	10 34	2 43	13 26	0 25	16 54	1 48	22 28	13 52	14 0	13 52	27 42	12 28	1 3
M25	15 15	25 5	2 57	22 52	2 24	21 59	0 44	24 40	1 36	23 34	0 10	10 33	2 43	13 27	0 25	16 54	1 48	22 28	13 51	14 0	13 51	27 42	12 31	1 3
T 26	15 34	27 6	3 47	23 11	2 27	22 14	0 46	24 36	1 36	23 34	0 10	10 31	2 43	13 28	0 25	16 53	1 48	22 28	13 48	13 59	13 50	27 43	12 33	1 3
W27	15 52	27 52	4 28	23 29	2 30	22 28	0 49	24 31	1 36	23 33	0 10	10 30	2 43	13 30	0 25	16 53	1 48	22 28	13 48	13 59	13 49	27 43	12 36	1 4
T 28	16 10	27 21	4 57	23 45	2 32	22 44	0 51	24 27	1 35	23 33	0 10	10 28	2 43	13 31	0 25	16 53	1 48	22 28	13 47	13 59	13 47	27 43	12 38	1 4
F 29	16 28	25 36	5 13	24 1	2 34	22 57	0 54	24 22	1 35	23 33	0 10	10 27	2 43	13 32	0 25	16 52	1 48	22 28	13 47	13 59	13 46	27 44	12 41	1 4
S 30	16 46	22 41	5 16	24 15	2 36	23 10	0 56	24 16	1 34	23 32	0 11	10 25	2 43	13 33	0 25	16 52	1 48	22 28	13 47	13 58	13 45	27 44	12 43	1 4
S 31	17s 3	18s44	5s 5	24s27	2s37	23s22	0s59	24s11	1s34	23s32	0s11	10n24	2s42	13s35	0n25	16n52	1s48	22s28	13s47	13n58	13n44	27s45	12s45	1n 5

Julian Day Number = 2290025.5, Delta T = 163.31 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'09, Lahiri = 17°41'09 Julian Calendar 1 Oct. 1557 == Greg. Calendar 11 Oct. 1557

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ASTRODIENST EPHEMERIS for the year 1557
geocentric

NOVEMBER 1557 JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 19 0	18♏20'46	5♓21	10♐17	14♐ 7	15♋59	6♋23	4°R 5	7♏20	23°R 6	5°R 0	7♉17	6♋30	2♋39	6♏48	M 1
T 2	3 22 57	19°21'18	18°11	11°24	15°21	16°45	6°34	4♉ 1	7°24	23♉ 4	4♓59	7°18	6°27	2°46	6°56	T 2
W 3	3 26 54	20°21'52	1♈25	12°29	16°36	17°31	6°46	3°56	7°27	23° 3	4°59	7°19	6°24	2°53	7° 4	W 3
T 4	3 30 50	21°22'26	15° 5	13°30	17°50	18°16	6°58	3°52	7°31	23° 1	4°59	7°20	6°21	2°59	7°13	T 4
F 5	3 34 47	22°23'03	29°12	14°28	19° 4	19° 2	7°10	3°47	7°35	22°59	4°59	7°21	6°18	3° 6	7°21	F 5
S 6	3 38 43	23°23'40	13♉41	15°22	20°19	19°48	7°21	3°43	7°38	22°58	4°59	7°R21	6°14	3°13	7°29	S 6
S 7	3 42 40	24°24'19	28°29	16°11	21°33	20°34	7°33	3°38	7°42	22°56	4°59	7°20	6°11	3°20	7°37	S 7
M 8	3 46 36	25°25'00	13♊27	16°55	22°47	21°20	7°45	3°34	7°46	22°54	4°59	7°18	6° 8	3°26	7°46	M 8
T 9	3 50 33	26°25'42	28°27	17°33	24° 2	22° 5	7°57	3°30	7°49	22°53	4°D59	7°16	6° 5	3°33	7°54	T 9
W10	3 54 29	27°26'26	13♋21	18° 4	25°16	22°51	8°10	3°25	7°53	22°51	4°59	7°13	6° 2	3°40	8° 2	W10
T 11	3 58 26	28°27'11	28° 1	18°28	26°30	23°37	8°22	3°21	7°56	22°49	4°59	7°11	5°59	3°46	8°10	T 11
F 12	4 2 23	29°27'58	12♌22	18°44	27°44	24°23	8°34	3°17	8° 0	22°47	4°59	7° 9	5°55	3°53	8°18	F 12
S 13	4 6 19	0♐28'46	26°21	18°R51	28°59	25° 9	8°47	3°13	8° 4	22°46	4°59	7°D 8	5°52	4° 0	8°26	S 13
S 14	4 10 16	1°29'35	9♍58	18°48	0♋13	25°56	8°59	3° 9	8° 7	22°44	4°59	7° 8	5°49	4° 6	8°34	S 14
M15	4 14 12	2°30'27	23°13	18°35	1°27	26°42	9°12	3° 5	8°11	22°42	4°59	7° 9	5°46	4°13	8°42	M15
T 16	4 18 9	3°31'19	6♎10	18°11	2°41	27°28	9°24	3° 1	8°14	22°41	4°59	7°11	5°43	4°20	8°50	T 16
W17	4 22 5	4°32'13	18°51	17°36	3°55	28°14	9°37	2°57	8°18	22°39	5° 0	7°12	5°40	4°27	8°58	W17
T 18	4 26 2	5°33'09	1♏18	16°49	5°10	29° 0	9°50	2°54	8°21	22°37	5° 0	7°R13	5°36	4°33	9° 6	T 18
F 19	4 29 58	6°34'05	13°35	15°52	6°24	29°46	10° 2	2°50	8°24	22°36	5° 0	7°13	5°33	4°40	9°13	F 19
S 20	4 33 55	7°35'03	25°43	14°46	7°38	0♒33	10°15	2°47	8°28	22°34	5° 0	7°12	5°30	4°47	9°21	S 20
S 21	4 37 52	8°36'02	7♐44	13°32	8°52	1°19	10°28	2°43	8°31	22°33	5° 1	7° 9	5°27	4°53	9°29	S 21
M22	4 41 48	9°37'02	19°39	12°13	10° 6	2° 5	10°41	2°40	8°35	22°31	5° 1	7° 4	5°24	5° 0	9°37	M22
T 23	4 45 45	10°38'03	1♑32	10°50	11°20	2°52	10°54	2°36	8°38	22°29	5° 1	6°58	5°20	5° 7	9°44	T 23
W24	4 49 41	11°39'04	13°22	9°27	12°34	3°38	11° 7	2°33	8°41	22°28	5° 2	6°51	5°17	5°13	9°52	W24
T 25	4 53 38	12°40'07	25°13	8° 7	13°48	4°25	11°20	2°30	8°44	22°26	5° 2	6°44	5°14	5°20	9°59	T 25
F 26	4 57 34	13°41'10	7♒ 7	6°52	15° 2	5°11	11°34	2°27	8°48	22°25	5° 2	6°38	5°11	5°27	10° 7	F 26
S 27	5 1 31	14°42'13	19° 7	5°45	16°16	5°57	11°47	2°24	8°51	22°23	5° 3	6°33	5° 8	5°34	10°14	S 27
S 28	5 5 28	15°43'17	1♓16	4°46	17°30	6°44	12° 0	2°21	8°54	22°22	5° 3	6°30	5° 5	5°40	10°22	S 28
M29	5 9 24	16°44'22	13°40	3°58	18°44	7°30	12°13	2°18	8°57	22°20	5° 4	6°D29	5° 1	5°47	10°29	M29
T 30	5 13 21	17♐45'26	26♓23	3♐21	19♋58	8♒17	12♋27	2♉16	9♏ 0	22♉19	5♓ 4	6♉29	4♋58	5♋54	10♏37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	17s20	13s54	4s40	24s38	2s37	23s34	1s 1	24s 5	1s34	23s31	0s11	10n22	2s42	13s36	0n25	16n51	1s48	22s27	13s46	13n59	13n43	27s45	12s48	1n 5
T 2	17 37	8 22	4 0	24 47	2 37	23 45	1 4	23 59	1 33	23 31	0 11	10 21	2 42	13 37	0 25	16 51	1 48	22 27	13 46	13 59	13 42	27 45	12 50	1 5
W 3	17 53	2 17	3 19	24 55	2 36	23 55	1 6	23 53	1 33	23 30	0 11	10 20	2 42	13 38	0 25	16 50	1 48	22 27	13 46	13 59	13 41	27 46	12 53	1 5
T 4	18 9	4n 7	2 0	25 1	2 34	24 4	1 8	23 46	1 32	23 30	0 11	10 18	2 41	13 39	0 25	16 50	1 48	22 27	13 45	14 0	13 40	27 46	12 55	1 6
F 5	18 25	10 31	0 45	25 6	2 31	24 13	1 10	23 39	1 32	23 29	0 11	10 17	2 41	13 41	0 25	16 49	1 48	22 27	13 45	14 0	13 39	27 46	12 57	1 6
S 6	18 40	16 33	0n35	25 9	2 28	24 21	1 13	23 32	1 31	23 29	0 11	10 15	2 41	13 42	0 25	16 49	1 48	22 26	13 45	14 0	13 38	27 47	13 0	1 6
S 7	18 55	21 43	1 54	25 10	2 24	24 28	1 15	23 25	1 31	23 28	0 11	10 14	2 41	13 43	0 25	16 49	1 48	22 26	13 44	14 0	13 37	27 47	13 2	1 7
M 8	19 10	25 33	3 6	25 9	2 18	24 35	1 17	23 17	1 30	23 27	0 11	10 13	2 41	13 44	0 25	16 48	1 48	22 26	13 44	13 59	13 36	27 47	13 5	1 7
T 9	19 24	27 35	4 6	25 6	2 12	24 41	1 19	23 10	1 30	23 27	0 11	10 12	2 41	13 45	0 25	16 48	1 48	22 26	13 44	13 58	13 35	27 47	13 7	1 7
W10	19 38	27 36	4 48	25 1	2 4	24 46	1 21	23 1	1 29	23 26	0 11	10 10	2 40	13 46	0 25	16 47	1 48	22 25	13 44	13 57	13 34	27 48	13 9	1 8
T 11	19 52	25 41	5 11	24 55	1 55	24 50	1 23	22 53	1 29	23 26	0 12	10 9	2 40	13 48	0 25	16 47	1 48	22 25	13 43	13 57	13 33	27 48	13 12	1 8
F 12	20 5	22 9	5 14	24 46	1 45	24 54	1 25	22 44	1 28	23 25	0 12	10 7	2 40	13 49	0 25	16 47	1 48	22 25	13 43	13 56	13 32	27 48	13 14	1 8
S 13	20 18	17 25	4 57	24 34	1 33	24 57	1 27	22 36	1 28	23 24	0 12	10 7	2 40	13 50	0 25	16 46	1 48	22 24	13 43	13 56	13 31	27 49	13 16	1 9
S 14	20 31	11 56	4 25	24 21	1 20	24 59	1 29	22 27	1 27	23 23	0 12	10 4	2 40	13 51	0 25	16 46	1 48	22 24	13 42	13 56	13 30	27 49	13 18	1 9
M15	20 43	6 3	3 39	24 5	1 5	25 0	1 31	22 17	1 27	23 23	0 12	10 4	2 40	13 52	0 25	16 45	1 48	22 24	13 42	13 56	13 29	27 49	13 21	1 9
T 16	20 55	0 2	2 42	23 47	0 49	25 0	1 32	22 8	1 26	23 22	0 12	10 3	2 39	13 53	0 25	16 45	1 48	22 23	13 42	13 57	13 28	27 49	13 23	1 10
W17	21 6	5s52	1 39	23 26	0 31	25 0	1 34	21 58	1 26	23 21	0 12	10 2	2 39	13 54	0 25	16 44	1 48	22 23	13 41	13 57	13 26	27 49	13 25	1 10
T 18	21 17	11 27	0 32	23 3	0 13	24 59	1 36	21 48	1 25	23 20	0 12	10 1	2 39	13 56	0 25	16 44	1 48	22 23	13 41	13 57	13 25	27 50	13 27	1 10
F 19	21 28	16 30	0s35	22 38	0n 7	24 58	1 37	21 37	1 25	23 19	0 12	10 0	2 39	13 57	0 25	16 43	1 48	22 22	13 41	13 57	13 24	27 50	13 29	1 11
S 20	21 38	20 51	1 39	22 10	0 27	24 55	1 39	21 27	1 24	23 18	0 12	9 59	2 39	13 58	0 25	16 43	1 48	22 22	13 41	13 57	13 23	27 50	13 31	1 11
S 21	21 48	24 16	2 39	21 42	0 48	24 52	1 40	21 16	1 23	23 17	0 12	9 58	2 38	13 59	0 25	16 43	1 48	22 22	13 40	13 56	13 22	27 50	13 34	1 11
M22	21 57	26 36	3 31	21 12	1 8	24 48	1 42	21 5	1 23	23 16	0 12	9 57	2 38	14 0	0 25	16 42	1 48	22 21	13 40	13 54	13 21	27 51	13 36	1 12
T 23	22 6	27 43	4 14	20 41	1 27	24 43	1 43	20 54	1 22	23 15	0 13	9 56	2 38	14 1	0 25	16 42	1 48	22 21	13 40	13 52	13 20	27 51	13 38	1 12
W24	22 14	27 33	4 45	20 12	1 45	24 38	1 44	20 43	1 22	23 14	0 13	9 55	2 38	14 2	0 25	16 41	1 48	22 20	13 39	13 50	13 19	27 51	13 40	1 13
T 25	22 22	26 8	5 4	19 43	2 1	24 32	1 45	20 31	1 21	23 13	0 13	9 54	2 37	14 3	0 25	16 41	1 48	22 20	13 39	13 48	13 18	27 51	13 42	1 13
F 26	22 30	23 32	5 10	19 17	2 16	24 25	1 46	20 19	1 20	23 12	0 13	9 54	2 37	14 4	0 25	16 41	1 48	22 19	13 39	13 46	13 17	27 51	13 44	1 13
S 27	22 37	19 55	5 3	18 54	2 28	24 17	1 47	20 7	1 20	23 11	0 13	9 53	2 37	14 5	0 25	16 40	1 48	22 19	13 39	13 44	13 15	27 51	13 46	1 13
S 28	22 44	15 26	4 42	18 34	2 37	24 8	1 48	19 55	1 19	23 10	0 13	9 52	2 37	14 6	0 25	16 40	1 48	22 19	13 38	13 43	13 15	27 51	13 48	1 14
M29	22 50	10 15	4 8	18 18	2 45	23 59	1 49	19 42	1 19	23 9	0 13	9 51	2 36	14 7	0 25	16 40	1 48	22 18	13 38	13 43	13 14	27 52	13 50	1 14
T 30	22s56	4s30	3s20	18s 6	2n50	23s49	1s50	19s30	1s18	23s 8	0s13	9n51	2s36	14s 8	0n25	16n40	1s48	22s18	13s38	13n43	13n13	27s52	13s52	1n14

Julian Day Number = 2290056.5, Delta T = 163.13 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'13, Lahiri = 17°41'13 Julian Calendar 1 Nov. 1557 == Greg. Calendar 11 Nov. 1557

ASTRODIENST EPHEMERIS for the year 1557
geocentric

DECEMBER 1557 JC   **00:00 UT**

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚷	⚸	Day
W 1	5 17 17	18♐46'32	9♈28	2R55	21♑12	9♒ 3	12♑40	2R13	9♏ 4	22R17	5♓ 5	6♉30	4♉55	6♑ 0	10♏44	W 1
T 2	5 21 14	19°47'37	23° 0	2♐39	22°26	9°50	12°54	2♉11	9° 7	22♉16	5° 5	6°32	4°52	6° 7	10°51	T 2
F 3	5 25 10	20°48'43	7♉ 0	2D35	23°40	10°36	13° 7	2° 8	9°10	22°14	5° 6	6R33	4°49	6°14	10°58	F 3
S 4	5 29 7	21°49'49	21°29	2°40	24°53	11°23	13°21	2° 6	9°13	22°13	5° 7	6°32	4°46	6°21	11° 5	S 4
S 5	5 33 3	22°50'56	6♊22	2°54	26° 7	12° 9	13°34	2° 4	9°16	22°11	5° 7	6°28	4°42	6°27	11°12	S 5
M 6	5 37 0	23°52'03	21°33	3°16	27°21	12°56	13°48	2° 2	9°19	22°10	5° 8	6°23	4°39	6°34	11°19	M 6
T 7	5 40 57	24°53'11	6♋52	3°46	28°35	13°42	14° 2	2° 0	9°22	22° 9	5° 9	6°16	4°36	6°41	11°26	T 7
W 8	5 44 53	25°54'19	22° 7	4°23	29°48	14°29	14°15	1°58	9°24	22° 7	5° 9	6° 8	4°33	6°47	11°33	W 8
T 9	5 48 50	26°55'27	7♌29	5° 5	1♒ 2	15°16	14°29	1°56	9°27	22° 6	5°10	6° 1	4°30	6°54	11°40	T 9
F 10	5 52 46	27°56'36	21°48	5°53	2°15	16° 2	14°43	1°55	9°30	22° 5	5°11	5°54	4°26	7° 1	11°47	F 10
S 11	5 56 43	28°57'46	6♍ 1	6°46	3°29	16°49	14°57	1°53	9°33	22° 3	5°12	5°49	4°23	7° 8	11°53	S 11
S 12	6 0 39	29°58'56	19°44	7°43	4°42	17°35	15°10	1°52	9°36	22° 2	5°12	5°47	4°20	7°14	12° 0	S 12
M13	6 4 36	1♑ 0'06	3♎ 0	8°43	5°56	18°22	15°24	1°50	9°38	22° 1	5°13	5D46	4°17	7°21	12° 7	M13
T 14	6 8 32	2° 1'17	15°52	9°47	7° 9	19° 8	15°38	1°49	9°41	21°59	5°14	5°47	4°14	7°28	12°13	T 14
W15	6 12 29	3° 2'28	28°24	10°54	8°23	19°55	15°52	1°48	9°44	21°58	5°15	5°48	4°11	7°34	12°19	W15
T 16	6 16 26	4° 3'40	10♏40	12° 3	9°36	20°41	16° 6	1°47	9°46	21°57	5°16	5R48	4° 7	7°41	12°26	T 16
F 17	6 20 22	5° 4'52	22°46	13°15	10°49	21°28	16°20	1°46	9°49	21°56	5°17	5°46	4° 4	7°48	12°32	F 17
S 18	6 24 19	6° 6'04	4♐43	14°29	12° 2	22°15	16°34	1°45	9°51	21°55	5°18	5°42	4° 1	7°54	12°38	S 18
S 19	6 28 15	7° 7'17	16°37	15°44	13°15	23° 1	16°48	1°45	9°54	21°54	5°19	5°35	3°58	8° 1	12°44	S 19
M20	6 32 12	8° 8'29	28°28	17° 1	14°29	23°48	17° 2	1°44	9°56	21°53	5°20	5°25	3°55	8° 8	12°50	M20
T 21	6 36 8	9° 9'42	10♑19	18°19	15°42	24°34	17°16	1°44	9°58	21°52	5°21	5°13	3°52	8°15	12°56	T 21
W22	6 40 5	10°10'54	22°11	19°39	16°55	25°21	17°30	1°43	10° 1	21°51	5°22	5° 0	3°48	8°21	13° 2	W22
T 23	6 44 2	11°12'06	4♒ 5	21° 0	18° 8	26° 7	17°44	1°43	10° 3	21°50	5°23	4°47	3°45	8°28	13° 8	T 23
F 24	6 47 58	12°13'17	16° 4	22°22	19°21	26°54	17°58	1°D43	10° 5	21°49	5°24	4°35	3°42	8°35	13°14	F 24
S 25	6 51 55	13°14'29	28° 8	23°45	20°33	27°41	18°12	1°43	10° 8	21°48	5°25	4°24	3°39	8°41	13°20	S 25
S 26	6 55 51	14°15'39	10♓21	25° 9	21°46	28°27	18°26	1°43	10°10	21°47	5°26	4°16	3°36	8°48	13°25	S 26
M27	6 59 48	15°16'49	22°45	26°34	22°59	29°14	18°40	1°43	10°12	21°46	5°27	4°11	3°32	8°55	13°31	M27
T 28	7 3 44	16°17'59	5♈24	28° 0	24°11	0♓ 0	18°54	1°44	10°14	21°45	5°28	4° 9	3°29	9° 2	13°36	T 28
W29	7 7 41	17°19'07	18°22	29°26	25°24	0°46	19° 8	1°44	10°16	21°44	5°29	4°D 9	3°26	9° 8	13°41	W29
T 30	7 11 37	18°20'15	1♉43	0♑53	26°36	1°33	19°23	1°45	10°18	21°43	5°30	4°R 9	3°23	9°15	13°47	T 30
F 31	7 15 34	19♑21'22	15♉30	2♑21	27♒49	2♓19	19♑37	1♉45	10♏20	21♉43	5♓32	4♉ 8	3♉20	9♑22	13♏52	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	23 s 1	1n36	2s21	17s58	2n53	23s39	1s51	19s17	1s17	23s 7	0s13	9n50	2s36	14s 9	0n25	16n39	1s48	22s17	13s37	13n43	13n12	27s52	13s54	1n15
T 2	23 6	7 50	1 13	17 54	2 54	23 28	1 51	19 4	1 17	23 5	0 13	9 49	2 36	14 10	0 25	16 39	1 47	22 17	13 37	13 44	13 11	27 52	13 56	1 15
F 3	23 11	13 56	0n 3	17 53	2 54	23 16	1 52	18 50	1 16	23 4	0 13	9 49	2 35	14 11	0 25	16 39	1 47	22 16	13 37	13 44	13 9	27 52	13 58	1 15
S 4	23 15	19 28	1 20	17 56	2 52	23 3	1 53	18 37	1 15	23 3	0 13	9 48	2 35	14 12	0 25	16 38	1 47	22 16	13 37	13 44	13 8	27 52	13 59	1 16
S 5	23 18	23 57	2 34	18 2	2 49	22 50	1 53	18 23	1 15	23 2	0 13	9 48	2 35	14 13	0 25	16 38	1 47	22 15	13 36	13 43	13 7	27 52	14 1	1 16
M 6	23 21	26 52	3 38	18 10	2 45	22 36	1 53	18 10	1 14	23 0	0 14	9 47	2 35	14 14	0 25	16 38	1 47	22 15	13 36	13 41	13 6	27 52	14 3	1 17
T 7	23 24	27 46	4 28	18 21	2 40	22 21	1 54	17 55	1 14	22 59	0 14	9 47	2 34	14 15	0 25	16 37	1 47	22 14	13 36	13 39	13 5	27 52	14 5	1 17
W 8	23 26	26 34	4 58	18 33	2 34	22 6	1 54	17 41	1 13	22 58	0 14	9 47	2 34	14 16	0 25	16 37	1 47	22 13	13 35	13 36	13 4	27 52	14 7	1 18
T 9	23 28	23 28	5 7	18 47	2 27	21 50	1 54	17 27	1 12	22 56	0 14	9 46	2 34	14 17	0 25	16 37	1 47	22 13	13 35	13 33	13 3	27 52	14 8	1 18
F 10	23 29	18 55	4 55	19 2	2 21	21 33	1 54	17 12	1 12	22 55	0 14	9 46	2 34	14 18	0 25	16 36	1 47	22 12	13 35	13 31	13 2	27 53	14 10	1 18
S 11	23 30	13 26	4 25	19 18	2 13	21 16	1 54	16 58	1 11	22 53	0 14	9 46	2 33	14 18	0 25	16 36	1 47	22 12	13 35	13 30	13 1	27 53	14 12	1 19
S 12	23 30	7 28	3 41	19 35	2 5	20 58	1 54	16 43	1 10	22 52	0 14	9 45	2 33	14 19	0 25	16 36	1 47	22 12	13 34	13 29	13 0	27 53	14 13	1 19
M13	23 30	1 21	2 47	19 53	1 58	20 40	1 53	16 28	1 9	22 51	0 14	9 45	2 33	14 20	0 25	16 35	1 47	22 11	13 34	13 29	12 59	27 53	14 15	1 19
T 14	23 29	4s39	1 45	20 10	1 49	20 21	1 53	16 13	1 9	22 49	0 14	9 45	2 32	14 21	0 25	16 35	1 47	22 11	13 34	13 28	12 58	27 53	14 17	1 20
W15	23 28	10 19	0 40	20 28	1 41	20 2	1 53	15 57	1 8	22 47	0 14	9 45	2 32	14 22	0 25	16 35	1 47	22 10	13 34	13 29	12 57	27 53	14 18	1 20
T 16	23 26	15 29	0s26	20 46	1 33	19 42	1 52	15 42	1 7	22 46	0 14	9 45	2 32	14 23	0 25	16 35	1 47	22 9	13 33	13 29	12 56	27 53	14 20	1 21
F 17	23 24	19 57	1 29	21 3	1 24	19 21	1 51	15 26	1 7	22 44	0 15	9 45	2 32	14 24	0 25	16 34	1 47	22 9	13 33	13 29	12 54	27 53	14 21	1 21
S 18	23 21	23 34	2 28	21 20	1 16	19 0	1 51	15 10	1 6	22 43	0 15	9 45	2 31	14 24	0 25	16 34	1 47	22 8	13 33	13 27	12 53	27 53	14 23	1 21
S 19	23 18	26 8	3 20	21 37	1 7	18 38	1 50	14 54	1 5	22 41	0 15	9 45	2 31	14 25	0 25	16 34	1 47	22 8	13 33	13 25	12 52	27 53	14 24	1 22
M20	23 15	27 32	4 2	21 53	0 59	18 16	1 49	14 38	1 5	22 39	0 15	9 45	2 31	14 26	0 25	16 34	1 47	22 7	13 32	13 22	12 51	27 52	14 26	1 22
T 21	23 11	27 39	4 34	22 9	0 50	17 53	1 48	14 22	1 4	22 38	0 15	9 45	2 30	14 26	0 25	16 33	1 47	22 6	13 32	13 18	12 50	27 52	14 27	1 23
W22	23 6	26 30	4 54	22 24	0 42	17 30	1 47	14 6	1 3	22 36	0 15	9 45	2 30	14 27	0 25	16 33	1 47	22 6	13 32	13 13	12 49	27 52	14 28	1 23
T 23	23 2	24 10	5 2	22 38	0 34	17 7	1 46	13 49	1 3	22 34	0 15	9 45	2 30	14 28	0 25	16 33	1 47	22 5	13 32	13 9	12 48	27 52	14 30	1 23
F 24	22 56	20 45	4 56	22 51	0 26	16 43	1 45	13 33	1 2	22 32	0 15	9 46	2 29	14 29	0 25	16 33	1 47	22 5	13 31	13 5	12 47	27 52	14 31	1 24
S 25	22 50	16 28	4 37	23 4	0 18	16 18	1 43	13 16	1 1	22 31	0 15	9 46	2 29	14 29	0 25	16 33	1 46	22 4	13 31	13 1	12 46	27 52	14 32	1 24
S 26	22 44	11 29	4 5	23 15	0 10	15 54	1 42	12 59	1 0	22 29	0 15	9 46	2 29	14 30	0 25	16 33	1 46	22 3	13 31	12 59	12 45	27 52	14 34	1 25
M27	22 37	5 57	3 21	23 25	0 2	15 28	1 40	12 42	1 0	22 27	0 15	9 47	2 28	14 31	0 25	16 32	1 46	22 3	13 31	12 57	12 44	27 52	14 35	1 25
T 28	22 30	0 5	2 32	23 35	0s 6	15 2	1 39	12 24	0 59	22 25	0 16	9 47	2 28	14 32	0 25	16 32	1 46	22 2	13 31	12 56	12 43	27 52	14 36	1 26
W29	22 22	5n57	1 23	23 43	0 13	14 37	1 37	12 8	0 58	22 23	0 16	9 48	2 28	14 32	0 26	16 32	1 46	22 1	13 30	12 56	12 41	27 52	14 37	1 26
T 30	22 14	11 54	0 13	23 50	0 21	14 10	1 35	11 51	0 57	22 21	0 16	9 48	2 28	14 32	0 26	16 32	1 46	22 1	13 30	12 56	12 40	27 52	14 38	1 26
F 31	22s 6	17n28	1n 0	23s56	0s28	13s43	1s33	11s33	0s57	22s19	0s16	9n49	2s27	14s33	0n26	16n32	1s46	22s 0	13s30	12n56	12n39	27s52	14s40	1n27

Julian Day Number = 2290086.5, Delta T = 162.96 sec
Ecliptic obliquity = 23°29'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°34'17, Lahiri = 17°41'17 Julian Calendar 1 Dec. 1557 == Greg. Calendar 11 Dec. 1557