Astrodienst Ephemeris Tables

for the year 1559

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 1559
geocentric

JANUARY 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 18 34	20♑ 7'31	21♎35	14♑44	4♑35	6♏18	16♒34	15°R38	14♏47	23°R59	6♓47	13°R39	13♈57	20♒20	27♏35	S 1
M 2	7 22 30	21° 8'38	4♏54	16°21	5°50	6°52	16°47	15♑37	14°49	23♑58	6°48	13♈39	13°54	20°27	27°41	M 2
T 3	7 26 27	22° 9'44	17°55	17°59	7° 5	7°26	17° 1	15°37	14°51	23°57	6°49	13°37	13°51	20°33	27°46	T 3
W 4	7 30 23	23°10'50	0♐41	19°37	8°21	8° 0	17°15	15°36	14°53	23°57	6°51	13°32	13°47	20°40	27°52	W 4
T 5	7 34 20	24°11'56	13°15	21°16	9°36	8°33	17°29	15°36	14°55	23°56	6°52	13°24	13°44	20°47	27°58	T 5
F 6	7 38 16	25°13'01	25°38	22°56	10°51	9° 7	17°43	15°36	14°57	23°55	6°53	13°13	13°41	20°54	28° 3	F 6
S 7	7 42 13	26°14'06	7♑53	24°36	12° 6	9°40	17°57	15°D36	14°59	23°55	6°54	13° 0	13°38	21° 0	28° 8	S 7
S 8	7 46 9	27°15'10	20° 0	26°17	13°22	10°14	18°10	15°36	15° 1	23°54	6°56	12°45	13°35	21° 7	28°14	S 8
M 9	7 50 6	28°16'13	2♒ 1	27°58	14°37	10°47	18°24	15°36	15° 2	23°54	6°57	12°31	13°32	21°14	28°19	M 9
T 10	7 54 3	29°17'15	13°56	29°40	15°52	11°20	18°38	15°36	15° 4	23°53	6°58	12°18	13°28	21°20	28°24	T 10
W11	7 57 59	0♒18'16	25°46	1♒23	17° 7	11°53	18°52	15°36	15° 6	23°53	7° 0	12° 7	13°25	21°27	28°29	W11
T 12	8 1 56	1°19'16	7♓35	3° 6	18°23	12°26	19° 7	15°37	15° 7	23°52	7° 1	11°59	13°22	21°34	28°34	T 12
F 13	8 5 52	2°20'15	19°23	4°50	19°38	12°59	19°21	15°37	15° 9	23°52	7° 2	11°53	13°19	21°40	28°39	F 13
S 14	8 9 49	3°21'13	1♈16	6°34	20°53	13°32	19°35	15°38	15°10	23°51	7° 4	11°51	13°16	21°47	28°44	S 14
S 15	8 13 45	4°22'10	13°17	8°19	22° 8	14° 5	19°49	15°39	15°11	23°51	7° 5	11°D50	13°13	21°54	28°49	S 15
M16	8 17 42	5°23'05	25°31	10° 5	23°23	14°37	20° 3	15°40	15°13	23°51	7° 6	11°51	13° 9	22° 0	28°54	M16
T 17	8 21 38	6°23'59	8♉ 3	11°51	24°39	15°10	20°17	15°41	15°14	23°50	7° 8	11°R51	13° 6	22° 7	28°58	T 17
W18	8 25 35	7°24'52	20°58	13°37	25°54	15°42	20°32	15°42	15°15	23°50	7° 9	11°50	13° 3	22°14	29° 3	W18
T 19	8 29 32	8°25'43	4♊20	15°24	27° 9	16°15	20°46	15°43	15°16	23°50	7°11	11°47	13° 0	22°21	29° 7	T 19
F 20	8 33 28	9°26'33	18°13	17°12	28°24	16°47	21° 0	15°45	15°18	23°50	7°12	11°42	12°57	22°27	29°12	F 20
S 21	8 37 25	10°27'21	2♋36	18°59	29°39	17°19	21°14	15°46	15°19	23°50	7°14	11°34	12°53	22°34	29°16	S 21
S 22	8 41 21	11°28'08	17°26	20°47	0♒55	17°51	21°29	15°48	15°20	23°50	7°15	11°25	12°50	22°41	29°20	S 22
M23	8 45 18	12°28'54	2♌35	22°34	2°10	18°23	21°43	15°50	15°21	23°50	7°17	11°16	12°47	22°47	29°24	M23
T 24	8 49 14	13°29'38	17°54	24°21	3°25	18°55	21°57	15°51	15°22	23°50	7°18	11° 7	12°44	22°54	29°28	T 24
W25	8 53 11	14°30'21	3♍11	26° 8	4°40	19°26	22°12	15°53	15°22	23°D50	7°20	11° 0	12°41	23° 1	29°32	W25
T 26	8 57 7	15°31'02	18°15	27°54	5°55	19°58	22°26	15°55	15°23	23°50	7°21	10°55	12°38	23° 7	29°36	T 26
F 27	9 1 4	16°31'42	2♎59	29°39	7°10	20°29	22°41	15°58	15°24	23°50	7°23	10°53	12°34	23°14	29°39	F 27
S 28	9 5 1	17°32'21	17°18	1♓23	8°25	21° 1	22°55	16° 0	15°25	23°50	7°24	10°D53	12°31	23°21	29°43	S 28
S 29	9 8 57	18°32'59	1♏ 9	3° 5	9°40	21°32	23° 9	16° 2	15°25	23°50	7°26	10°54	12°28	23°27	29°47	S 29
M30	9 12 54	19°33'36	14°34	4°45	10°56	22° 3	23°24	16° 5	15°26	23°50	7°27	10°R55	12°25	23°34	29°50	M30
T 31	9 16 50	20♒34'12	27♏36	6♓23	12♒11	22♏34	23♒38	16♑ 7	15♏26	23♑50	7♓29	10♈55	12♈22	23♒41	29♏53	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	21s59	9s 5	0s42	24s23	1s43	23s26	0s 1	12s24	1n20	16s41	0s49	14n24	2s15	15s57	0n22	17n 7	1s45	21s44	13s43	5n24	5n31	18s40	16s44	3n 0
M 2	21 50	14 55	1 50	24 16	1 47	23 26	0 3	12 35	1 20	16 37	0 49	14 24	2 15	15 58	0 22	17 7	1 45	21 43	13 43	5 24	5 30	18 38	16 45	3 1
T 3	21 40	19 56	2 50	24 6	1 50	23 24	0 6	12 46	1 20	16 33	0 49	14 24	2 15	15 59	0 22	17 7	1 45	21 42	13 43	5 23	5 28	18 35	16 46	3 1
W 4	21 30	23 57	3 41	23 55	1 53	23 23	0 8	12 57	1 19	16 29	0 49	14 24	2 14	15 59	0 22	17 7	1 45	21 42	13 42	5 21	5 27	18 32	16 47	3 2
T 5	21 20	26 45	4 20	23 43	1 56	23 20	0 11	13 8	1 19	16 24	0 49	14 25	2 14	16 0	0 22	17 7	1 45	21 41	13 42	5 18	5 26	18 30	16 48	3 2
F 6	21 9	28 12	4 46	23 29	1 58	23 17	0 13	13 19	1 19	16 20	0 49	14 25	2 14	16 0	0 22	17 7	1 45	21 40	13 42	5 14	5 25	18 27	16 48	3 3
S 7	20 57	28 14	4 59	23 14	2 0	23 13	0 16	13 30	1 19	16 16	0 49	14 25	2 14	16 1	0 22	17 6	1 45	21 40	13 42	5 9	5 24	18 24	16 49	3 3
S 8	20 46	26 55	4 58	22 56	2 2	23 8	0 18	13 41	1 19	16 12	0 49	14 25	2 13	16 1	0 22	17 6	1 45	21 39	13 42	5 3	5 22	18 22	16 50	3 4
M 9	20 34	24 21	4 43	22 38	2 3	23 2	0 21	13 51	1 18	16 7	0 49	14 26	2 13	16 2	0 22	17 6	1 44	21 38	13 41	4 57	5 21	18 19	16 50	3 4
T 10	20 21	20 47	4 16	22 17	2 4	22 56	0 23	14 2	1 18	16 3	0 49	14 26	2 13	16 2	0 22	17 6	1 44	21 38	13 41	4 52	5 20	18 16	16 51	3 5
W11	20 8	16 23	3 38	21 55	2 4	22 49	0 25	14 12	1 18	15 59	0 49	14 27	2 12	16 3	0 23	17 6	1 44	21 37	13 41	4 48	5 19	18 14	16 52	3 5
T 12	19 55	11 24	2 51	21 32	2 4	22 42	0 28	14 23	1 18	15 54	0 49	14 27	2 12	16 3	0 23	17 6	1 44	21 36	13 41	4 45	5 17	18 11	16 52	3 6
F 13	19 41	6 0	1 56	21 7	2 4	22 33	0 30	14 33	1 17	15 50	0 49	14 27	2 12	16 4	0 23	17 6	1 44	21 36	13 41	4 43	5 16	18 8	16 53	3 6
S 14	19 27	0 21	0 56	20 40	2 3	22 24	0 32	14 43	1 17	15 45	0 49	14 28	2 11	16 4	0 23	17 6	1 44	21 35	13 41	4 42	5 15	18 5	16 53	3 7
S 15	19 13	5n22	0n 8	20 11	2 2	22 15	0 35	14 53	1 17	15 41	0 49	14 28	2 11	16 4	0 23	17 6	1 44	21 34	13 40	4 42	5 14	18 3	16 54	3 7
M16	18 58	11 1	1 12	19 41	2 0	22 4	0 37	15 3	1 17	15 36	0 49	14 29	2 11	16 5	0 23	17 6	1 44	21 34	13 40	4 42	5 12	18 0	16 54	3 8
T 17	18 43	16 21	2 15	19 10	1 58	21 53	0 39	15 13	1 16	15 32	0 49	14 30	2 11	16 5	0 23	17 6	1 44	21 33	13 40	4 42	5 11	17 57	16 55	3 8
W18	18 28	21 8	3 13	18 37	1 55	21 42	0 41	15 22	1 16	15 27	0 49	14 30	2 10	16 5	0 23	17 6	1 44	21 32	13 40	4 41	5 10	17 54	16 55	3 9
T 19	18 12	25 2	4 2	18 2	1 51	21 29	0 43	15 32	1 16	15 23	0 49	14 31	2 10	16 6	0 23	17 6	1 44	21 32	13 40	4 40	5 9	17 52	16 56	3 10
F 20	17 56	27 37	4 39	17 25	1 47	21 16	0 45	15 41	1 15	15 18	0 49	14 31	2 10	16 6	0 23	17 6	1 44	21 31	13 40	4 38	5 7	17 49	16 56	3 10
S 21	17 40	28 29	5 0	16 48	1 43	21 3	0 47	15 51	1 15	15 14	0 49	14 32	2 9	16 6	0 23	17 6	1 44	21 30	13 40	4 35	5 6	17 46	16 56	3 11
S 22	17 23	27 21	5 2	16 8	1 37	20 48	0 49	16 0	1 15	15 9	0 49	14 33	2 9	16 7	0 23	17 6	1 44	21 30	13 40	4 32	5 5	17 43	16 57	3 11
M23	17 6	24 14	4 44	15 28	1 31	20 34	0 51	16 9	1 14	15 5	0 49	14 34	2 9	16 7	0 23	17 6	1 44	21 29	13 39	4 28	5 4	17 41	16 57	3 12
T 24	16 49	19 23	4 4	14 46	1 25	20 18	0 53	16 18	1 14	15 0	0 49	14 35	2 9	16 7	0 23	17 6	1 44	21 28	13 39	4 25	5 2	17 38	16 57	3 12
W25	16 31	13 17	3 8	14 3	1 17	20 2	0 55	16 27	1 14	14 55	0 49	14 35	2 8	16 7	0 23	17 6	1 43	21 28	13 39	4 22	5 1	17 35	16 58	3 13
T 26	16 13	6 28	1 58	13 19	1 9	19 45	0 57	16 36	1 13	14 51	0 49	14 36	2 8	16 8	0 23	17 6	1 43	21 27	13 39	4 20	5 0	17 32	16 58	3 13
F 27	15 55	0s33	0 42	12 34	1 1	19 28	0 59	16 45	1 13	14 46	0 49	14 37	2 8	16 8	0 23	17 6	1 43	21 26	13 39	4 19	4 59	17 30	16 58	3 14
S 28	15 37	7 20	0s34	11 48	0 51	19 10	1 0	16 53	1 12	14 41	0 49	14 38	2 7	16 8	0 23	17 7	1 43	21 26	13 39	4 19	4 58	17 27	16 58	3 15
S 29	15 18	13 34	1 47	11 2	0 41	18 52	1 2	17 2	1 12	14 37	0 50	14 39	2 7	16 8	0 23	17 7	1 43	21 25	13 39	4 20	4 56	17 24	16 58	3 15
M30	14 59	18 58	2 51	10 15	0 30	18 33	1 4	17 10	1 12	14 32	0 50	14 40	2 7	16 8	0 23	17 7	1 43	21 24	13 39	4 20	4 55	17 21	16 59	3 16
T 31	14s40	23s19	3s44	9s29	0s19	18s14	1s 5	17s19	1n11	14s27	0s50	14n41	2s 7	16s 9	0n23	17n 7	1s43	21s24	13s39	4n20	4n54	17s18	16s59	3n16

Julian Day Number = 2290482.5, Delta T = 160.69 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'11, Lahiri = 17°42'12 Julian Calendar 1 Jan. 1559 == Greg. Calendar 11 Jan. 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

FEBRUARY 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 20 47	21♒34'46	10♐19	7♓57	13♒26	23♏ 5	23♒53	16♉10	15♏27	23♉50	7♓30	10°R53	12♈19	23♒48	29♏57	W 1
T 2	9 24 43	22°35'19	22°45	9°28	14°41	23°35	24° 7	16°13	15°27	23°51	7°32	10♈49	12°15	23°54	29°59	T 2
F 3	9 28 40	23°35'51	4♑58	10°54	15°56	24° 6	24°21	16°16	15°28	23°51	7°33	10°43	12°12	24° 1	0♐ 3	F 3
S 4	9 32 36	24°36'22	17° 3	12°15	17°11	24°36	24°36	16°19	15°28	23°51	7°35	10°35	12° 9	24° 8	0° 6	S 4
S 5	9 36 33	25°36'51	29° 1	13°31	18°26	25° 6	24°50	16°22	15°28	23°52	7°37	10°26	12° 6	24°14	0° 9	S 5
M 6	9 40 30	26°37'18	10♒54	14°40	19°41	25°36	25° 5	16°25	15°28	23°52	7°38	10°17	12° 3	24°21	0°11	M 6
T 7	9 44 26	27°37'44	22°44	15°42	20°56	26° 6	25°19	16°28	15°29	23°53	7°40	10° 9	11°59	24°28	0°14	T 7
W 8	9 48 23	28°38'08	4♓34	16°37	22°11	26°36	25°34	16°32	15°29	23°53	7°41	10° 2	11°56	24°34	0°16	W 8
T 9	9 52 19	29°38'30	16°24	17°24	23°26	27° 6	25°48	16°35	15°R29	23°54	7°43	9°57	11°53	24°41	0°19	T 9
F 10	9 56 16	0♓38'51	28°17	18° 2	24°41	27°35	26° 3	16°39	15°29	23°54	7°44	9°54	11°50	24°48	0°21	F 10
S 11	10 0 12	1°39'09	10♈15	18°31	25°56	28° 4	26°17	16°42	15°29	23°55	7°46	9°D53	11°47	24°54	0°23	S 11
S 12	10 4 9	2°39'26	22°21	18°50	27°11	28°33	26°31	16°46	15°28	23°55	7°48	9°54	11°44	25° 1	0°25	S 12
M13	10 8 5	3°39'41	4♉39	19° 0	28°26	29° 2	26°46	16°50	15°28	23°56	7°49	9°56	11°40	25° 8	0°27	M13
T 14	10 12 2	4°39'54	17°12	19°R 0	29°41	29°31	27° 0	16°54	15°28	23°57	7°51	9°57	11°37	25°14	0°29	T 14
W15	10 15 59	5°40'04	0♊ 5	18°51	0♓56	29°59	27°14	16°58	15°28	23°57	7°53	9°R58	11°34	25°21	0°31	W15
T 16	10 19 55	6°40'13	13°21	18°33	2°11	0♐28	27°29	17° 2	15°27	23°58	7°54	9°58	11°31	25°28	0°33	T 16
F 17	10 23 52	7°40'19	27° 3	18° 6	3°26	0°56	27°43	17° 6	15°27	23°59	7°56	9°57	11°28	25°35	0°34	F 17
S 18	10 27 48	8°40'24	11♋12	17°31	4°41	1°24	27°57	17°11	15°27	24° 0	7°57	9°54	11°24	25°41	0°36	S 18
S 19	10 31 45	9°40'26	25°48	16°49	5°56	1°51	28°12	17°15	15°26	24° 1	7°59	9°50	11°21	25°48	0°37	S 19
M20	10 35 41	10°40'26	10♌44	16° 1	7°11	2°19	28°26	17°20	15°25	24° 2	8° 1	9°46	11°18	25°55	0°38	M20
T 21	10 39 38	11°40'24	25°54	15° 8	8°25	2°46	28°40	17°24	15°25	24° 2	8° 2	9°42	11°15	26° 1	0°40	T 21
W22	10 43 34	12°40'19	11♍ 8	14°12	9°40	3°13	28°55	17°29	15°24	24° 3	8° 4	9°39	11°12	26° 8	0°41	W22
T 23	10 47 31	13°40'13	26°17	13°13	10°55	3°40	29° 9	17°34	15°23	24° 4	8° 5	9°37	11° 9	26°15	0°42	T 23
F 24	10 51 28	14°40'05	11♎ 9	12°14	12°10	4° 7	29°23	17°38	15°23	24° 5	8° 7	9°D36	11° 5	26°21	0°42	F 24
S 25	10 55 24	15°39'55	25°40	11°16	13°25	4°33	29°37	17°43	15°22	24° 6	8° 9	9°37	11° 2	26°28	0°43	S 25
S 26	10 59 21	16°39'43	9♏44	10°19	14°39	5° 0	29°51	17°48	15°21	24° 7	8°10	9°38	10°59	26°35	0°44	S 26
M27	11 3 17	17°39'30	23°21	9°25	15°54	5°26	0♓ 5	17°53	15°20	24° 9	8°12	9°40	10°56	26°41	0°44	M27
T 28	11 7 14	18♓39'15	6♐31	8♓35	17♓ 9	5♐51	0♓19	17♉59	15♏19	24♉10	8♓13	9♈41	10♈53	26♒48	0♐45	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s21	26s25	4s25	8s42	0s 6	17s54	1s 7	17s27	1n11	14s23	0s50	14n42	2s 6	16s 9	0n23	17n 7	1s43	21s23	13s39	4n19	4n53	17s16	16s59	3n17
T 2	14 1	28 10	4 52	7 56	0n 7	17 33	1 8	17 35	1 10	14 18	0 50	14 43	2 6	16 9	0 23	17 7	1 43	21 22	13 39	4 17	4 51	17 13	16 59	3 18
F 3	13 41	28 30	5 6	7 11	0 20	17 12	1 10	17 43	1 10	14 13	0 50	14 44	2 6	16 9	0 23	17 7	1 43	21 22	13 39	4 15	4 50	17 10	16 59	3 18
S 4	13 21	27 27	5 5	6 27	0 34	16 51	1 11	17 51	1 9	14 8	0 50	14 45	2 5	16 9	0 23	17 7	1 43	21 21	13 39	4 12	4 49	17 7	16 59	3 19
S 5	13 1	25 10	4 52	5 45	0 49	16 29	1 12	17 59	1 9	14 4	0 50	14 46	2 5	16 9	0 23	17 8	1 43	21 20	13 39	4 8	4 48	17 4	16 59	3 19
M 6	12 40	21 47	4 25	5 5	1 4	16 7	1 14	18 6	1 8	13 59	0 50	14 48	2 5	16 9	0 23	17 8	1 43	21 20	13 38	4 5	4 46	17 2	16 59	3 20
T 7	12 20	17 33	3 47	4 27	1 19	15 44	1 15	18 14	1 8	13 54	0 50	14 49	2 5	16 9	0 23	17 8	1 43	21 19	13 38	4 2	4 45	16 59	16 59	3 20
W 8	11 59	12 39	3 0	3 51	1 34	15 21	1 16	18 21	1 7	13 49	0 50	14 50	2 4	16 9	0 23	17 8	1 43	21 18	13 38	3 59	4 44	16 56	16 59	3 21
T 9	11 38	7 17	2 4	3 19	1 49	14 57	1 17	18 29	1 7	13 44	0 50	14 51	2 4	16 9	0 23	17 8	1 43	21 18	13 38	3 57	4 43	16 53	16 59	3 22
F 10	11 16	1 39	1 3	2 51	2 4	14 33	1 18	18 36	1 6	13 40	0 50	14 53	2 4	16 9	0 23	17 8	1 42	21 17	13 38	3 56	4 41	16 50	16 59	3 22
S 11	10 55	4n 6	0n 2	2 26	2 19	14 9	1 19	18 43	1 6	13 35	0 50	14 54	2 3	16 9	0 23	17 9	1 42	21 17	13 38	3 56	4 40	16 47	16 59	3 23
S 12	10 33	9 46	1 7	2 5	2 33	13 44	1 20	18 50	1 5	13 30	0 50	14 55	2 3	16 9	0 23	17 9	1 42	21 16	13 38	3 56	4 39	16 45	16 58	3 23
M13	10 11	15 9	2 11	1 49	2 46	13 18	1 21	18 57	1 4	13 25	0 51	14 57	2 3	16 9	0 23	17 9	1 42	21 15	13 38	3 57	4 38	16 42	16 58	3 24
T 14	9 49	20 2	3 10	1 38	2 58	12 53	1 21	19 4	1 4	13 20	0 51	14 58	2 3	16 9	0 23	17 9	1 42	21 15	13 38	3 57	4 36	16 39	16 58	3 25
W15	9 27	24 8	4 0	1 31	3 9	12 27	1 22	19 10	1 3	13 15	0 51	14 59	2 2	16 9	0 23	17 10	1 42	21 14	13 38	3 58	4 35	16 36	16 58	3 25
T 16	9 5	27 5	4 40	1 29	3 19	12 1	1 23	19 17	1 2	13 10	0 51	15 1	2 2	16 9	0 23	17 10	1 42	21 14	13 38	3 58	4 34	16 33	16 57	3 26
F 17	8 43	28 33	5 5	1 32	3 27	11 34	1 23	19 23	1 2	13 5	0 51	15 2	2 2	16 9	0 23	17 10	1 42	21 13	13 38	3 57	4 33	16 30	16 57	3 27
S 18	8 20	28 13	5 13	1 40	3 34	11 7	1 24	19 30	1 1	13 1	0 51	15 4	2 2	16 8	0 23	17 10	1 42	21 12	13 38	3 56	4 31	16 27	16 57	3 27
S 19	7 58	25 58	5 1	1 52	3 39	10 40	1 24	19 36	1 0	12 56	0 51	15 5	2 1	16 8	0 23	17 11	1 42	21 12	13 39	3 54	4 30	16 25	16 57	3 28
M20	7 35	21 53	4 29	2 8	3 41	10 13	1 25	19 42	1 0	12 51	0 51	15 7	2 1	16 8	0 23	17 11	1 42	21 11	13 39	3 53	4 29	16 22	16 56	3 28
T 21	7 12	16 19	3 37	2 28	3 42	9 45	1 25	19 48	0 59	12 46	0 51	15 8	2 1	16 8	0 23	17 11	1 42	21 11	13 39	3 51	4 28	16 19	16 56	3 29
W22	6 49	9 43	2 30	2 51	3 40	9 17	1 26	19 54	0 58	12 41	0 51	15 10	2 1	16 8	0 23	17 11	1 42	21 10	13 39	3 50	4 26	16 16	16 55	3 30
T 23	6 26	2 36	1 13	3 16	3 37	8 49	1 26	20 0	0 57	12 36	0 51	15 11	2 0	16 7	0 23	17 12	1 42	21 9	13 39	3 49	4 25	16 13	16 55	3 30
F 24	6 3	4s33	0s 9	3 44	3 31	8 20	1 26	20 6	0 56	12 31	0 52	15 13	2 0	16 7	0 23	17 12	1 42	21 9	13 39	3 49	4 24	16 10	16 55	3 31
S 25	5 40	11 18	1 27	4 13	3 24	7 52	1 26	20 12	0 56	12 26	0 52	15 14	2 0	16 7	0 23	17 12	1 42	21 8	13 39	3 49	4 23	16 7	16 54	3 31
S 26	5 17	17 16	2 38	4 43	3 15	7 23	1 26	20 17	0 55	12 22	0 52	15 16	2 0	16 7	0 23	17 13	1 42	21 8	13 39	3 50	4 21	16 4	16 54	3 32
M27	4 53	22 10	3 38	5 13	3 5	6 54	1 26	20 23	0 54	12 17	0 52	15 18	1 59	16 6	0 23	17 13	1 41	21 7	13 39	3 50	4 20	16 1	16 53	3 33
T 28	4s30	25s47	4s24	5s42	2n53	6s24	1s26	20s28	0n53	12s12	0s52	15n19	1s59	16s 6	0n23	17n13	1s41	21s 7	13s39	3n51	4n19	15s59	16s53	3n33

Julian Day Number = 2290513.5, Delta T = 160.52 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'16, Lahiri = 17°42'16 Julian Calendar 1 Feb. 1559 == Greg. Calendar 11 Feb. 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

MARCH 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 11 10	19♓38'58	19♐18	7°R49	18♓24	6♐17	0♓34	18♉ 4	15°R18	24♉11	8♓15	9°R41	10♈50	26♒55	0♐45	W 1
T 2	11 15 7	20°38'40	1♑45	7♓ 9	19°38	6°42	0°48	18° 9	15♏17	24°12	8°17	9♈41	10°46	27° 1	0°45	T 2
F 3	11 19 3	21°38'19	13°57	6°34	20°53	7° 7	1° 2	18°15	15°16	24°13	8°18	9°40	10°43	27° 8	0°R45	F 3
S 4	11 23 0	22°37'57	25°58	6° 6	22° 8	7°32	1°16	18°20	15°15	24°14	8°20	9°38	10°40	27°15	0°45	S 4
S 5	11 26 57	23°37'33	7♒51	5°43	23°22	7°56	1°29	18°26	15°14	24°16	8°21	9°35	10°37	27°21	0°45	S 5
M 6	11 30 53	24°37'08	19°41	5°27	24°37	8°20	1°43	18°31	15°12	24°17	8°23	9°33	10°34	27°28	0°45	M 6
T 7	11 34 50	25°36'40	1♓30	5°16	25°52	8°44	1°57	18°37	15°11	24°18	8°24	9°30	10°30	27°35	0°45	T 7
W 8	11 38 46	26°36'10	13°20	5°D12	27° 6	9° 8	2°11	18°43	15°10	24°20	8°26	9°29	10°27	27°42	0°44	W 8
T 9	11 42 43	27°35'38	25°15	5°14	28°21	9°31	2°25	18°48	15° 8	24°21	8°27	9°28	10°24	27°48	0°44	T 9
F 10	11 46 39	28°35'05	7♈16	5°21	29°36	9°54	2°38	18°54	15° 7	24°23	8°29	9°D27	10°21	27°55	0°43	F 10
S 11	11 50 36	29°34'29	19°25	5°34	0♈50	10°16	2°52	19° 0	15° 5	24°24	8°31	9°27	10°18	28° 2	0°42	S 11
S 12	11 54 32	0♈33'51	1♉44	5°52	2° 5	10°38	3° 6	19° 6	15° 4	24°25	8°32	9°28	10°15	28° 8	0°41	S 12
M13	11 58 29	1°33'10	14°15	6°15	3°19	11° 0	3°19	19°12	15° 2	24°27	8°34	9°29	10°11	28°15	0°40	M13
T 14	12 2 26	2°32'28	26°59	6°42	4°34	11°22	3°33	19°18	15° 1	24°28	8°35	9°30	10° 8	28°22	0°39	T 14
W15	12 6 22	3°31'43	9♊59	7°14	5°48	11°43	3°46	19°25	14°59	24°30	8°37	9°30	10° 5	28°28	0°38	W15
T 16	12 10 19	4°30'56	23°17	7°50	7° 3	12° 4	4° 0	19°31	14°57	24°32	8°38	9°30	10° 2	28°35	0°37	T 16
F 17	12 14 15	5°30'07	6♋55	8°30	8°17	12°24	4°13	19°37	14°56	24°33	8°39	9°R31	9°59	28°42	0°36	F 17
S 18	12 18 12	6°29'16	20°53	9°14	9°32	12°45	4°27	19°44	14°54	24°35	8°41	9°30	9°56	28°48	0°34	S 18
S 19	12 22 8	7°28'21	5♌11	10° 1	10°46	13° 4	4°40	19°50	14°52	24°36	8°42	9°30	9°52	28°55	0°32	S 19
M20	12 26 5	8°27'25	19°47	10°52	12° 1	13°24	4°53	19°57	14°50	24°38	8°44	9°30	9°49	29° 2	0°31	M20
T 21	12 30 1	9°26'26	4♍35	11°46	13°15	13°43	5° 6	20° 3	14°48	24°40	8°45	9°D30	9°46	29° 8	0°29	T 21
W22	12 33 58	10°25'25	19°29	12°42	14°29	14° 1	5°19	20°10	14°47	24°41	8°47	9°30	9°43	29°15	0°27	W22
T 23	12 37 55	11°24'22	4♎23	13°42	15°44	14°19	5°32	20°16	14°45	24°43	8°48	9°R30	9°40	29°22	0°25	T 23
F 24	12 41 51	12°23'16	19° 7	14°45	16°58	14°37	5°45	20°23	14°43	24°45	8°49	9°30	9°36	29°28	0°23	F 24
S 25	12 45 48	13°22'09	3♏36	15°50	18°12	14°54	5°58	20°30	14°41	24°47	8°51	9°30	9°33	29°35	0°21	S 25
S 26	12 49 44	14°21'00	17°43	16°57	19°27	15°11	6°11	20°37	14°39	24°49	8°52	9°30	9°30	29°42	0°19	S 26
M27	12 53 41	15°19'49	1♐26	18° 7	20°41	15°27	6°24	20°43	14°37	24°50	8°54	9°29	9°27	29°48	0°17	M27
T 28	12 57 37	16°18'36	14°43	19°19	21°55	15°43	6°37	20°50	14°34	24°52	8°55	9°28	9°24	29°55	0°14	T 28
W29	13 1 34	17°17'21	27°37	20°34	23° 9	15°59	6°49	20°57	14°32	24°54	8°56	9°27	9°21	0♓ 2	0°12	W29
T 30	13 5 30	18°16'05	10♑ 9	21°50	24°23	16°14	7° 2	21° 4	14°30	24°56	8°58	9°27	9°17	0° 8	0° 9	T 30
F 31	13 9 27	19♈14'47	22♑23	23♓ 9	25♈38	16♐28	7♓15	21♉11	14♏28	24♉58	8♓59	9°D27	9♈14	0♓15	0♐ 7	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	4s 7	27s59	4s56	6s11	2n40	5s55	1s26	20s33	0n52	12s 7	0s52	15n21	1s59	16s 6	0n23	17n14	1s41	21s 6	13s39	3n51	4n18	15s56	16s52	3n34
T 2	3 43	28 42	5 12	6 39	2 26	5 25	1 25	20 39	0 51	12 2	0 52	15 23	1 59	16 6	0 23	17 14	1 41	21 6	13 39	3 51	4 16	15 53	16 52	3 35
F 3	3 19	27 59	5 15	7 5	2 12	4 56	1 25	20 44	0 50	11 57	0 52	15 24	1 59	16 5	0 23	17 14	1 41	21 5	13 39	3 50	4 15	15 50	16 51	3 35
S 4	2 56	25 58	5 3	7 29	1 57	4 26	1 25	20 49	0 49	11 52	0 52	15 26	1 58	16 5	0 23	17 15	1 41	21 5	13 39	3 49	4 14	15 47	16 50	3 36
S 5	2 32	22 50	4 38	7 51	1 42	3 56	1 24	20 54	0 48	11 47	0 53	15 28	1 58	16 4	0 23	17 15	1 41	21 4	13 40	3 48	4 13	15 44	16 50	3 36
M 6	2 9	18 46	4 2	8 11	1 27	3 26	1 24	20 59	0 47	11 42	0 53	15 30	1 58	16 4	0 23	17 15	1 41	21 4	13 40	3 47	4 11	15 41	16 49	3 37
T 7	1 45	14 0	3 15	8 29	1 12	2 55	1 23	21 3	0 46	11 38	0 53	15 31	1 58	16 4	0 23	17 16	1 41	21 3	13 40	3 47	4 10	15 38	16 48	3 38
W 8	1 21	8 43	2 20	8 44	0 57	2 25	1 23	21 8	0 45	11 33	0 53	15 33	1 57	16 3	0 23	17 16	1 41	21 3	13 40	3 46	4 9	15 35	16 48	3 38
T 9	0 58	3 5	1 18	8 57	0 43	1 55	1 22	21 13	0 44	11 28	0 53	15 35	1 57	16 3	0 23	17 17	1 41	21 2	13 40	3 45	4 8	15 32	16 47	3 39
F 10	0 34	2n43	0 12	9 8	0 28	1 24	1 21	21 17	0 43	11 23	0 53	15 37	1 57	16 2	0 23	17 17	1 41	21 2	13 40	3 45	4 6	15 29	16 46	3 40
S 11	0 10	8 28	0n55	9 16	0 15	0 54	1 21	21 22	0 41	11 18	0 53	15 39	1 57	16 2	0 23	17 17	1 41	21 1	13 40	3 45	4 5	15 26	16 46	3 40
S 12	0n14	13 59	2 0	9 22	0 1	0 23	1 20	21 26	0 40	11 13	0 53	15 40	1 57	16 2	0 23	17 18	1 41	21 1	13 40	3 46	4 4	15 23	16 45	3 41
M13	0 37	19 2	3 1	9 26	0s12	0n 7	1 19	21 30	0 39	11 9	0 54	15 42	1 56	16 1	0 23	17 18	1 41	21 0	13 41	3 46	4 3	15 20	16 44	3 41
T 14	1 1	23 20	3 54	9 27	0 25	0 38	1 18	21 35	0 38	11 4	0 54	15 44	1 56	16 1	0 23	17 19	1 41	21 0	13 41	3 46	4 1	15 17	16 43	3 42
W15	1 24	26 33	4 36	9 26	0 37	1 8	1 17	21 39	0 36	10 59	0 54	15 46	1 56	16 0	0 23	17 19	1 41	21 0	13 41	3 46	4 0	15 14	16 42	3 43
T 16	1 48	28 24	5 5	9 24	0 48	1 39	1 16	21 43	0 35	10 54	0 54	15 48	1 56	16 0	0 23	17 19	1 41	20 59	13 41	3 47	3 59	15 11	16 41	3 43
F 17	2 11	28 36	5 17	9 19	0 59	2 9	1 15	21 47	0 34	10 49	0 54	15 50	1 56	15 59	0 23	17 20	1 41	20 59	13 41	3 47	3 58	15 9	16 41	3 44
S 18	2 35	27 0	5 11	9 12	1 9	2 40	1 13	21 51	0 32	10 45	0 54	15 52	1 55	15 59	0 23	17 20	1 40	20 58	13 41	3 47	3 56	15 6	16 40	3 44
S 19	2 58	23 38	4 46	9 3	1 19	3 10	1 12	21 55	0 31	10 40	0 54	15 53	1 55	15 58	0 23	17 21	1 40	20 58	13 42	3 47	3 55	15 3	16 39	3 45
M20	3 22	18 45	4 2	8 52	1 28	3 40	1 11	21 59	0 30	10 35	0 54	15 55	1 55	15 58	0 23	17 21	1 40	20 57	13 42	3 46	3 54	15 0	16 38	3 46
T 21	3 45	12 41	3 2	8 40	1 37	4 11	1 10	22 2	0 28	10 31	0 55	15 57	1 55	15 57	0 23	17 22	1 40	20 57	13 42	3 46	3 53	14 57	16 37	3 46
W22	4 8	5 51	1 49	8 25	1 45	4 41	1 8	22 6	0 26	10 26	0 55	15 59	1 55	15 56	0 23	17 22	1 40	20 57	13 42	3 46	3 51	14 54	16 36	3 47
T 23	4 31	1s19	0 28	8 9	1 52	5 11	1 7	22 10	0 25	10 21	0 55	16 1	1 54	15 56	0 23	17 23	1 40	20 56	13 42	3 46	3 50	14 51	16 35	3 47
F 24	4 54	8 19	0s53	7 51	1 59	5 41	1 5	22 13	0 23	10 17	0 55	16 3	1 54	15 55	0 23	17 23	1 40	20 56	13 43	3 46	3 49	14 48	16 34	3 48
S 25	5 17	14 47	2 10	7 32	2 6	6 11	1 4	22 17	0 22	10 12	0 55	16 5	1 54	15 55	0 23	17 23	1 40	20 56	13 43	3 46	3 48	14 45	16 33	3 48
S 26	5 40	20 18	3 17	7 11	2 11	6 40	1 2	22 21	0 20	10 7	0 55	16 7	1 54	15 54	0 23	17 24	1 40	20 55	13 43	3 46	3 46	14 42	16 32	3 49
M27	6 3	24 35	4 10	6 48	2 17	7 10	1 0	22 24	0 18	10 3	0 56	16 9	1 54	15 53	0 23	17 24	1 40	20 55	13 43	3 46	3 45	14 39	16 31	3 50
T 28	6 26	27 23	4 48	6 24	2 21	7 39	0 59	22 27	0 17	9 58	0 56	16 11	1 54	15 53	0 23	17 25	1 40	20 55	13 43	3 46	3 44	14 36	16 30	3 50
W29	6 48	28 39	5 10	5 59	2 25	8 8	0 57	22 31	0 15	9 54	0 56	16 13	1 53	15 52	0 23	17 25	1 40	20 54	13 44	3 45	3 43	14 33	16 29	3 51
T 30	7 11	28 23	5 17	5 32	2 29	8 37	0 55	22 34	0 13	9 49	0 56	16 15	1 53	15 52	0 23	17 26	1 40	20 54	13 44	3 45	3 41	14 30	16 28	3 51
F 31	7n33	26s43	5s 9	5s 3	2s32	9n 6	0s53	22s38	0n11	9s45	0s56	16n17	1s53	15s51	0n23	17n26	1s40	20s54	13s44	3n45	3n40	14s27	16s27	3n52

Julian Day Number = 2290541.5, Delta T = 160.36 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'19, Lahiri = 17°42'20 Julian Calendar 1 March 1559 == Greg. Calendar 11 March 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

APRIL 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 13 24	20♈13'27	4♒24	24♓29	26♈52	16♐42	7♓27	21♉18	14°R26	25♉ 0	9♓ 0	9♈27	9♈11	0♓22	0°R 4	S 1
S 2	13 17 20	21°12'06	16°17	25°52	28° 6	16°55	7°39	21°25	14♏24	25° 2	9° 1	9°28	9° 8	0°28	0♐ 1	S 2
M 3	13 21 17	22°10'42	28° 7	27°16	29°20	17° 8	7°52	21°32	14°21	25° 4	9° 3	9°29	9° 5	0°35	29♏58	M 3
T 4	13 25 13	23° 9'17	9♓56	28°43	0♉34	17°21	8° 4	21°40	14°19	25° 5	9° 4	9°30	9° 1	0°42	29°55	T 4
W 5	13 29 10	24° 7'50	21°50	0♈11	1°48	17°32	8°16	21°47	14°17	25° 7	9° 5	9°32	8°58	0°48	29°52	W 5
T 6	13 33 6	25° 6'22	3♈51	1°41	3° 2	17°43	8°28	21°54	14°14	25° 9	9° 6	9°R32	8°55	0°55	29°49	T 6
F 7	13 37 3	26° 4'51	16° 3	3°13	4°17	17°54	8°40	22° 1	14°12	25°11	9° 7	9°32	8°52	1° 2	29°46	F 7
S 8	13 40 59	27° 3'19	28°26	4°47	5°31	18° 4	8°52	22° 9	14°10	25°13	9° 9	9°31	8°49	1° 9	29°43	S 8
S 9	13 44 56	28° 1'45	11♉ 2	6°22	6°45	18°13	9° 4	22°16	14° 7	25°16	9°10	9°30	8°46	1°15	29°39	S 9
M10	13 48 52	29° 0'09	23°53	7°59	7°59	18°22	9°16	22°23	14° 5	25°18	9°11	9°27	8°42	1°22	29°36	M10
T 11	13 52 49	29°58'31	6♊57	9°38	9°13	18°30	9°27	22°31	14° 3	25°20	9°12	9°24	8°39	1°29	29°32	T 11
W12	13 56 46	0♉56'51	20°15	11°19	10°27	18°38	9°39	22°38	14° 0	25°22	9°13	9°21	8°36	1°35	29°29	W12
T 13	14 0 42	1°55'09	3♋47	13° 1	11°41	18°44	9°50	22°46	13°58	25°24	9°14	9°18	8°33	1°42	29°25	T 13
F 14	14 4 39	2°53'25	17°31	14°46	12°54	18°51	10° 2	22°53	13°55	25°26	9°15	9°17	8°30	1°49	29°22	F 14
S 15	14 8 35	3°51'39	1♌28	16°32	14° 8	18°56	10°13	23° 1	13°53	25°28	9°16	9°D16	8°27	1°55	29°18	S 15
S 16	14 12 32	4°49'51	15°36	18°19	15°22	19° 1	10°24	23° 8	13°50	25°30	9°17	9°16	8°23	2° 2	29°14	S 16
M17	14 16 28	5°48'01	29°53	20° 9	16°36	19° 5	10°35	23°16	13°48	25°32	9°18	9°17	8°20	2° 9	29°10	M17
T 18	14 20 25	6°46'08	14♍18	22° 0	17°50	19° 8	10°46	23°24	13°45	25°34	9°19	9°19	8°17	2°15	29° 7	T 18
W19	14 24 21	7°44'14	28°46	23°53	19° 4	19°11	10°57	23°31	13°43	25°37	9°20	9°20	8°14	2°22	29° 3	W19
T 20	14 28 18	8°42'17	13♎14	25°48	20°18	19°13	11° 8	23°39	13°40	25°39	9°21	9°R20	8°11	2°29	28°59	T 20
F 21	14 32 15	9°40'19	27°37	27°45	21°31	19°15	11°19	23°46	13°38	25°41	9°22	9°19	8° 7	2°35	28°55	F 21
S 22	14 36 11	10°38'19	11♏49	29°44	22°45	19°R15	11°29	23°54	13°35	25°43	9°23	9°16	8° 4	2°42	28°51	S 22
S 23	14 40 8	11°36'18	25°45	1♉44	23°59	19°15	11°40	24° 2	13°33	25°45	9°24	9°12	8° 1	2°49	28°47	S 23
M24	14 44 4	12°34'15	9♐23	3°46	25°13	19°14	11°50	24° 9	13°30	25°47	9°25	9° 7	7°58	2°55	28°43	M24
T 25	14 48 1	13°32'11	22°39	5°49	26°26	19°13	12° 1	24°17	13°28	25°50	9°26	9° 2	7°55	3° 2	28°38	T 25
W26	14 51 57	14°30'05	5♑34	7°54	27°40	19°10	12°11	24°25	13°25	25°52	9°27	8°57	7°52	3° 9	28°34	W26
T 27	14 55 54	15°27'58	18° 8	10° 1	28°54	19° 7	12°21	24°33	13°23	25°54	9°27	8°52	7°48	3°15	28°30	T 27
F 28	14 59 50	16°25'50	0♒24	12° 8	0♊ 7	19° 3	12°31	24°40	13°20	25°56	9°28	8°49	7°45	3°22	28°26	F 28
S 29	15 3 47	17°23'40	12°27	14°17	1°21	18°59	12°41	24°48	13°18	25°59	9°29	8°D48	7°42	3°29	28°22	S 29
S 30	15 7 44	18♉21'29	24♒21	16♉27	2♊34	18♐53	12♓51	24♉56	13♏15	26♉ 1	9♓30	8♈48	7♈39	3♓35	28♏17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7n55	23s51	4s48	4s33	2s34	9n35	0s51	22s41	0n 9	9s40	0s56	16n19	1s53	15s50	0n23	17n27	1s40	20s54	13s44	3n45	3n39	14s23	16s26	3n52	S 1
S 2	8 17	20 2	4 14	4 2	2 36	10 3	0 49	22 44	0 7	9 36	0 57	16 21	1 53	15 50	0 23	17 27	1 40	20 53	13 45	3 46	3 38	14 20	16 25	3 53	S 2
M 3	8 39	15 26	3 30	3 30	2 38	10 32	0 47	22 47	0 5	9 31	0 57	16 23	1 53	15 49	0 23	17 28	1 40	20 53	13 45	3 46	3 36	14 17	16 23	3 53	M 3
T 4	9 1	10 17	2 37	2 56	2 39	11 0	0 45	22 51	0 3	9 27	0 57	16 25	1 53	15 48	0 23	17 28	1 40	20 53	13 45	3 47	3 35	14 14	16 22	3 54	T 4
W 5	9 23	4 43	1 36	2 21	2 39	11 27	0 43	22 54	0 1	9 22	0 57	16 27	1 52	15 48	0 23	17 29	1 40	20 53	13 45	3 47	3 34	14 11	16 21	3 54	W 5
T 6	9 44	1n 3	0 31	1 45	2 39	11 55	0 41	22 57	0s 1	9 18	0 57	16 29	1 52	15 47	0 23	17 29	1 40	20 52	13 46	3 47	3 33	14 8	16 20	3 55	T 6
F 7	10 6	6 53	0n36	1 8	2 38	12 22	0 39	23 0	0 3	9 14	0 57	16 31	1 52	15 46	0 23	17 30	1 40	20 52	13 46	3 47	3 31	14 5	16 19	3 55	F 7
S 8	10 27	12 32	1 43	0 29	2 36	12 49	0 37	23 3	0 6	9 9	0 58	16 33	1 52	15 46	0 23	17 30	1 40	20 52	13 46	3 47	3 30	14 2	16 18	3 56	S 8
S 9	10 48	17 48	2 45	0n10	2 35	13 15	0 35	23 6	0 8	9 5	0 58	16 35	1 52	15 45	0 23	17 31	1 40	20 52	13 46	3 46	3 29	13 59	16 17	3 56	S 9
M10	11 9	22 21	3 41	0 51	2 32	13 41	0 33	23 10	0 10	9 1	0 58	16 37	1 52	15 44	0 23	17 31	1 40	20 52	13 47	3 45	3 28	13 56	16 15	3 57	M10
T 11	11 29	25 53	4 26	1 32	2 29	14 7	0 30	23 13	0 13	8 56	0 58	16 39	1 52	15 43	0 23	17 32	1 40	20 51	13 47	3 44	3 26	13 53	16 14	3 57	T 11
W12	11 50	28 5	4 57	2 15	2 26	14 33	0 28	23 16	0 15	8 52	0 58	16 41	1 52	15 43	0 23	17 32	1 40	20 51	13 47	3 43	3 25	13 50	16 13	3 58	W12
T 13	12 10	28 40	5 13	2 59	2 22	14 58	0 26	23 19	0 18	8 48	0 58	16 43	1 51	15 42	0 23	17 33	1 40	20 51	13 48	3 42	3 24	13 47	16 12	3 58	T 13
F 14	12 30	27 29	5 11	3 43	2 17	15 23	0 24	23 22	0 20	8 44	0 59	16 45	1 51	15 41	0 23	17 33	1 39	20 51	13 48	3 41	3 23	13 44	16 11	3 59	F 14
S 15	12 50	24 37	4 51	4 29	2 12	15 47	0 21	23 25	0 23	8 40	0 59	16 47	1 51	15 41	0 23	17 34	1 39	20 51	13 48	3 41	3 21	13 41	16 9	3 59	S 15
S 16	13 10	20 14	4 14	5 15	2 7	16 11	0 19	23 28	0 25	8 36	0 59	16 49	1 51	15 40	0 23	17 35	1 39	20 51	13 48	3 41	3 20	13 38	16 8	4 0	S 16
M17	13 29	14 39	3 20	6 2	2 1	16 35	0 16	23 31	0 28	8 32	0 59	16 51	1 51	15 39	0 23	17 35	1 39	20 50	13 49	3 41	3 19	13 35	16 7	4 0	M17
T 18	13 49	8 15	2 13	6 50	1 54	16 58	0 14	23 34	0 31	8 28	0 59	16 53	1 51	15 38	0 23	17 36	1 39	20 50	13 49	3 42	3 18	13 32	16 6	4 1	T 18
W19	14 8	1 22	0 58	7 38	1 47	17 21	0 12	23 37	0 34	8 24	1 0	16 55	1 51	15 38	0 23	17 36	1 39	20 50	13 49	3 42	3 16	13 28	16 4	4 1	W19
T 20	14 26	5s34	0s21	8 27	1 40	17 43	0 9	23 40	0 37	8 20	1 0	16 57	1 51	15 37	0 23	17 37	1 39	20 50	13 50	3 42	3 15	13 25	16 3	4 2	T 20
F 21	14 45	12 11	1 38	9 16	1 32	18 5	0 7	23 43	0 40	8 16	1 0	16 59	1 51	15 36	0 23	17 37	1 39	20 50	13 50	3 42	3 14	13 22	16 2	4 2	F 21
S 22	15 3	18 5	2 48	10 6	1 23	18 26	0 4	23 46	0 43	8 12	1 0	17 1	1 50	15 35	0 23	17 38	1 39	20 50	13 50	3 41	3 13	13 19	16 1	4 2	S 22
S 23	15 21	22 55	3 47	10 56	1 15	18 47	0 2	23 49	0 46	8 8	1 1	17 3	1 50	15 35	0 23	17 38	1 39	20 50	13 51	3 39	3 11	13 16	15 59	4 3	S 23
M24	15 39	26 22	4 31	11 47	1 5	19 7	0n 1	23 52	0 49	8 4	1 1	17 5	1 50	15 34	0 23	17 39	1 39	20 50	13 51	3 37	3 10	13 13	15 58	4 3	M24
T 25	15 56	28 16	4 59	12 37	0 56	19 27	0 3	23 55	0 52	8 1	1 1	17 7	1 50	15 33	0 23	17 39	1 39	20 50	13 51	3 35	3 9	13 10	15 57	4 4	T 25
W26	16 14	28 33	5 11	13 27	0 46	19 47	0 6	23 58	0 55	7 57	1 1	17 9	1 50	15 32	0 23	17 40	1 39	20 50	13 52	3 33	3 8	13 7	15 55	4 4	W26
T 27	16 31	27 21	5 7	14 17	0 36	20 6	0 8	24 1	0 58	7 53	1 1	17 11	1 50	15 32	0 23	17 40	1 39	20 50	13 52	3 32	3 6	13 4	15 54	4 4	T 27
F 28	16 48	24 50	4 50	15 6	0 26	20 24	0 10	24 4	1 1	7 50	1 2	17 12	1 50	15 31	0 23	17 41	1 39	20 50	13 52	3 30	3 5	13 1	15 53	4 5	F 28
S 29	17 4	21 15	4 20	15 55	0 15	20 42	0 13	24 7	1 5	7 46	1 2	17 14	1 50	15 30	0 23	17 41	1 39	20 50	13 53	3 30	3 4	12 57	15 52	4 5	S 29
S 30	17n20	16s52	3s38	16n43	0s 5	20n59	0n15	24s10	1s 8	7s43	1s 2	17n16	1s50	15s29	0n23	17n42	1s39	20s50	13s53	3n30	3n 3	12s54	15s50	4n 5	S 30

Julian Day Number = 2290572.5, Delta T = 160.18 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'24, Lahiri = 17°42'24 Julian Calendar 1 Apr. 1559 == Greg. Calendar 11 Apr. 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

MAY 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 11 40	19♉19'17	6♓11	18♉38	3♊48	18°R47	13♓ 0	25♉ 4	13°R13	26♉ 3	9♓30	8♈49	7♈36	3♓42	28°R13	M 1
T 2	15 15 37	20°17'04	18° 1	20°49	5° 2	18♐40	13°10	25°12	13♏10	26° 5	9°31	8°51	7°33	3°49	28♏ 9	T 2
W 3	15 19 33	21°14'49	29°58	23° 0	6°15	18°33	13°19	25°19	13° 8	26° 7	9°32	8°52	7°29	3°55	28° 4	W 3
T 4	15 23 30	22°12'33	12♈ 5	25°11	7°29	18°24	13°28	25°27	13° 5	26°10	9°32	8°R52	7°26	4° 2	28° 0	T 4
F 5	15 27 26	23°10'16	24°26	27°22	8°42	18°15	13°37	25°35	13° 3	26°12	9°33	8°51	7°23	4° 9	27°55	F 5
S 6	15 31 23	24° 7'58	7♉ 3	29°33	9°56	18° 5	13°46	25°43	13° 0	26°14	9°34	8°48	7°20	4°15	27°51	S 6
S 7	15 35 19	25° 5'39	19°58	1♊43	11° 9	17°54	13°55	25°51	12°58	26°16	9°34	8°43	7°17	4°22	27°47	S 7
M 8	15 39 16	26° 3'19	3♊10	3°51	12°23	17°43	14° 4	25°58	12°55	26°19	9°35	8°36	7°13	4°29	27°42	M 8
T 9	15 43 13	27° 0'57	16°39	5°58	13°36	17°31	14°13	26° 6	12°53	26°21	9°35	8°28	7°10	4°35	27°38	T 9
W10	15 47 9	27°58'34	0♋22	8° 4	14°49	17°18	14°21	26°14	12°50	26°23	9°36	8°20	7° 7	4°42	27°33	W10
T 11	15 51 6	28°56'10	14°16	10° 8	16° 3	17° 5	14°30	26°22	12°48	26°25	9°36	8°12	7° 4	4°49	27°29	T 11
F 12	15 55 2	29°53'44	28°18	12°10	17°16	16°51	14°38	26°30	12°46	26°28	9°37	8° 7	7° 1	4°55	27°25	F 12
S 13	15 58 59	0♊51'17	12♌25	14° 9	18°30	16°36	14°46	26°38	12°43	26°30	9°37	8° 3	6°58	5° 2	27°20	S 13
S 14	16 2 55	1°48'48	26°34	16° 7	19°43	16°21	14°54	26°45	12°41	26°32	9°38	8°D 2	6°54	5° 9	27°16	S 14
M15	16 6 52	2°46'18	10♍43	18° 2	20°56	16° 5	15° 2	26°53	12°39	26°34	9°38	8° 2	6°51	5°15	27°11	M15
T 16	16 10 49	3°43'46	24°52	19°54	22° 9	15°49	15° 9	27° 1	12°36	26°37	9°38	8° 3	6°48	5°22	27° 7	T 16
W17	16 14 45	4°41'14	8♎58	21°44	23°23	15°32	15°17	27° 9	12°34	26°39	9°39	8°R 3	6°45	5°29	27° 3	W17
T 18	16 18 42	5°38'39	23° 1	23°32	24°36	15°15	15°24	27°16	12°32	26°41	9°39	8° 2	6°42	5°35	26°58	T 18
F 19	16 22 38	6°36'04	6♏57	25°16	25°49	14°58	15°31	27°24	12°30	26°43	9°39	7°59	6°39	5°42	26°54	F 19
S 20	16 26 35	7°33'28	20°45	26°58	27° 2	14°40	15°38	27°32	12°27	26°46	9°40	7°54	6°35	5°49	26°50	S 20
S 21	16 30 31	8°30'50	4♐21	28°37	28°16	14°21	15°45	27°40	12°25	26°48	9°40	7°46	6°32	5°55	26°46	S 21
M22	16 34 28	9°28'12	17°42	0♋14	29°29	14° 3	15°52	27°47	12°23	26°50	9°40	7°36	6°29	6° 2	26°41	M22
T 23	16 38 24	10°25'33	0♑47	1°48	0♋42	13°44	15°59	27°55	12°21	26°52	9°40	7°25	6°26	6° 9	26°37	T 23
W24	16 42 21	11°22'54	13°35	3°18	1°55	13°25	16° 5	28° 3	12°19	26°54	9°41	7°15	6°23	6°15	26°33	W24
T 25	16 46 18	12°20'13	26° 5	4°46	3° 8	13° 5	16°12	28°10	12°17	26°57	9°41	7° 6	6°19	6°22	26°29	T 25
F 26	16 50 14	13°17'32	8♒20	6°12	4°21	12°46	16°18	28°18	12°15	26°59	9°41	6°58	6°16	6°29	26°25	F 26
S 27	16 54 11	14°14'51	20°22	7°34	5°34	12°26	16°24	28°26	12°13	27° 1	9°41	6°53	6°13	6°35	26°21	S 27
S 28	16 58 7	15°12'09	2♓15	8°53	6°47	12° 7	16°30	28°33	12°11	27° 3	9°41	6°51	6°10	6°42	26°17	S 28
M29	17 2 4	16° 9'26	14° 4	10° 9	8° 0	11°47	16°35	28°41	12° 9	27° 5	9°41	6°D50	6° 7	6°49	26°13	M29
T 30	17 6 0	17° 6'43	25°55	11°23	9°13	11°27	16°41	28°49	12° 7	27° 7	9°41	6°50	6° 4	6°55	26° 9	T 30
W31	17 9 57	18♊ 4'00	7♈53	12♋33	10♋26	11♐ 8	16♓46	28♉56	12♏ 5	27♉10	9°R41	6°R50	6♈ 0	7♓ 2	26♏ 5	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	17n36	11s52	2s48	17n30	0n 6	21n15	0n18	24s13	1s11	7s39	1s 2	17n18	1s50	15s29	0n23	17n43	1s39	20s50	13s53	3n30	3n 1	12s51	15s49	4n 6
T 2	17 52	6 27	1 51	18 16	0 16	21 31	0 20	24 15	1 15	7 36	1 3	17 20	1 50	15 28	0 23	17 43	1 39	20 50	13 54	3 31	3 0	12 48	15 48	4 6
W 3	18 7	0 45	0 48	19 0	0 27	21 47	0 23	24 18	1 18	7 32	1 3	17 22	1 50	15 27	0 23	17 44	1 39	20 50	13 54	3 31	2 59	12 45	15 47	4 6
T 4	18 22	5n 3	0n17	19 42	0 37	22 2	0 25	24 21	1 22	7 29	1 3	17 24	1 49	15 26	0 23	17 44	1 39	20 50	13 54	3 32	2 57	12 42	15 45	4 7
F 5	18 37	10 47	1 23	20 23	0 47	22 16	0 28	24 24	1 25	7 26	1 3	17 26	1 49	15 26	0 23	17 45	1 39	20 50	13 55	3 31	2 56	12 39	15 44	4 7
S 6	18 51	16 12	2 26	21 1	0 57	22 30	0 30	24 26	1 29	7 22	1 3	17 28	1 49	15 25	0 23	17 45	1 39	20 50	13 55	3 30	2 55	12 35	15 43	4 7
S 7	19 5	21 2	3 23	21 38	1 6	22 43	0 33	24 29	1 33	7 19	1 4	17 30	1 49	15 24	0 23	17 46	1 39	20 50	13 55	3 28	2 54	12 32	15 42	4 7
M 8	19 19	24 56	4 11	22 12	1 15	22 55	0 35	24 32	1 36	7 16	1 4	17 32	1 49	15 23	0 23	17 46	1 39	20 50	13 56	3 25	2 52	12 29	15 40	4 8
T 9	19 32	27 33	4 45	22 43	1 23	23 7	0 37	24 34	1 40	7 13	1 4	17 34	1 49	15 23	0 23	17 47	1 39	20 51	13 56	3 22	2 51	12 26	15 39	4 8
W10	19 46	28 34	5 4	23 12	1 31	23 18	0 40	24 37	1 44	7 10	1 4	17 35	1 49	15 22	0 23	17 47	1 39	20 51	13 56	3 19	2 50	12 23	15 38	4 8
T 11	19 58	27 47	5 5	23 38	1 38	23 28	0 42	24 39	1 47	7 7	1 5	17 37	1 49	15 21	0 23	17 48	1 39	20 51	13 57	3 16	2 49	12 20	15 37	4 8
F 12	20 11	25 15	4 48	24 2	1 44	23 38	0 44	24 41	1 51	7 4	1 5	17 39	1 49	15 21	0 23	17 48	1 39	20 51	13 57	3 14	2 47	12 17	15 35	4 9
S 13	20 23	21 10	4 14	24 23	1 50	23 47	0 47	24 43	1 55	7 1	1 5	17 41	1 49	15 20	0 23	17 49	1 39	20 51	13 57	3 12	2 46	12 13	15 34	4 9
S 14	20 35	15 53	3 24	24 41	1 55	23 55	0 49	24 46	1 58	6 58	1 5	17 43	1 49	15 19	0 23	17 49	1 39	20 51	13 58	3 12	2 45	12 10	15 33	4 9
M15	20 46	9 45	2 21	24 56	1 59	24 2	0 51	24 48	2 2	6 55	1 6	17 45	1 49	15 19	0 23	17 50	1 39	20 51	13 58	3 12	2 44	12 7	15 32	4 9
T 16	20 57	3 7	1 10	25 9	2 3	24 9	0 54	24 50	2 6	6 53	1 6	17 46	1 49	15 18	0 23	17 50	1 39	20 52	13 59	3 12	2 42	12 4	15 31	4 10
W17	21 8	3s38	0s 5	25 20	2 6	24 16	0 56	24 52	2 10	6 50	1 6	17 48	1 49	15 17	0 23	17 51	1 39	20 52	13 59	3 12	2 41	12 1	15 30	4 10
T 18	21 18	10 12	1 19	25 28	2 8	24 21	0 58	24 53	2 13	6 47	1 6	17 50	1 49	15 16	0 23	17 51	1 39	20 52	13 59	3 12	2 40	11 58	15 28	4 10
F 19	21 28	16 12	2 28	25 34	2 9	24 26	1 0	24 55	2 17	6 45	1 7	17 52	1 49	15 16	0 23	17 52	1 39	20 52	14 0	3 11	2 39	11 54	15 27	4 10
S 20	21 38	21 19	3 27	25 37	2 9	24 30	1 2	24 57	2 21	6 42	1 7	17 54	1 49	15 15	0 23	17 52	1 39	20 52	14 0	3 8	2 37	11 51	15 26	4 10
S 21	21 47	25 13	4 14	25 39	2 9	24 33	1 4	24 58	2 24	6 40	1 7	17 55	1 49	15 14	0 23	17 53	1 39	20 53	14 0	3 5	2 36	11 48	15 25	4 10
M22	21 56	27 40	4 46	25 38	2 8	24 36	1 6	24 59	2 28	6 37	1 8	17 57	1 49	15 14	0 23	17 53	1 39	20 53	14 1	3 1	2 35	11 45	15 24	4 11
T 23	22 4	28 31	5 1	25 35	2 6	24 38	1 8	25 1	2 31	6 35	1 8	17 59	1 49	15 13	0 23	17 54	1 39	20 53	14 1	2 57	2 34	11 42	15 23	4 11
W24	22 12	27 48	5 2	25 31	2 4	24 39	1 10	25 2	2 35	6 33	1 8	18 0	1 49	15 13	0 23	17 54	1 39	20 53	14 1	2 53	2 32	11 38	15 22	4 11
T 25	22 20	25 41	4 47	25 25	2 0	24 40	1 12	25 3	2 39	6 31	1 8	18 2	1 49	15 12	0 23	17 55	1 39	20 54	14 2	2 49	2 31	11 35	15 21	4 11
F 26	22 27	22 24	4 20	25 17	1 56	24 39	1 14	25 4	2 42	6 28	1 9	18 4	1 49	15 11	0 23	17 55	1 39	20 54	14 2	2 46	2 30	11 32	15 20	4 11
S 27	22 34	18 14	3 41	25 8	1 51	24 38	1 16	25 4	2 45	6 26	1 9	18 6	1 49	15 11	0 23	17 56	1 39	20 54	14 3	2 45	2 29	11 29	15 19	4 11
S 28	22 41	13 24	2 53	24 58	1 46	24 37	1 17	25 5	2 49	6 24	1 9	18 7	1 49	15 10	0 23	17 56	1 39	20 55	14 3	2 43	2 27	11 26	15 18	4 11
M29	22 47	8 6	1 58	24 46	1 40	24 34	1 19	25 6	2 52	6 22	1 9	18 9	1 49	15 10	0 23	17 57	1 39	20 55	14 3	2 43	2 26	11 23	15 17	4 11
T 30	22 52	2 31	0 58	24 33	1 33	24 31	1 21	25 6	2 55	6 20	1 10	18 11	1 49	15 9	0 23	17 57	1 39	20 55	14 4	2 43	2 25	11 19	15 16	4 11
W31	22n58	3n13	0n 6	24n19	1n25	24n27	1n22	25s 6	2s58	6s19	1s10	18n12	1s49	15s 8	0n23	17n58	1s39	20s56	14s 4	2n43	2n23	11s16	15s15	4n12

Julian Day Number = 2290602.5, Delta T = 160.01 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'28, Lahiri = 17°42'28 Julian Calendar 1 May 1559 == Greg. Calendar 11 May 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

JUNE 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 13 53	19♊ 1'16	20♈ 3	13♋40	11♋39	10°R48	16♓51	29♉ 4	12°R 3	27♉12	9°R41	6°R50	5♈57	7♓ 9	26°R 1	T 1
F 2	17 17 50	19°58'32	2♉29	14°44	12°52	10♐29	16°56	29°11	12♏ 1	27°14	9♓41	6♈47	5°54	7°15	25♏57	F 2
S 3	17 21 47	20°55'48	15°15	15°45	14° 5	10°10	17° 1	29°19	11°59	27°16	9°41	6°42	5°51	7°22	25°54	S 3
S 4	17 25 43	21°53'04	28°24	16°42	15°18	9°51	17° 6	29°26	11°58	27°18	9°41	6°35	5°48	7°29	25°50	S 4
M 5	17 29 40	22°50'19	11♊56	17°36	16°31	9°33	17°10	29°33	11°56	27°20	9°41	6°25	5°45	7°35	25°46	M 5
T 6	17 33 36	23°47'34	25°48	18°26	17°43	9°15	17°15	29°41	11°54	27°22	9°41	6°14	5°41	7°42	25°43	T 6
W 7	17 37 33	24°44'49	9♋57	19°13	18°56	8°57	17°19	29°48	11°53	27°24	9°41	6° 2	5°38	7°49	25°39	W 7
T 8	17 41 29	25°42'03	24°17	19°55	20° 9	8°40	17°23	29°56	11°51	27°26	9°41	5°52	5°35	7°55	25°36	T 8
F 9	17 45 26	26°39'16	8♌43	20°34	21°22	8°23	17°27	0♊ 3	11°50	27°28	9°40	5°44	5°32	8° 2	25°33	F 9
S 10	17 49 22	27°36'29	23° 9	21° 9	22°35	8° 7	17°30	0°10	11°48	27°30	9°40	5°38	5°29	8° 9	25°29	S 10
S 11	17 53 19	28°33'42	7♍29	21°40	23°47	7°51	17°34	0°17	11°47	27°32	9°40	5°35	5°25	8°15	25°26	S 11
M12	17 57 16	29°30'54	21°42	22° 7	25° 0	7°36	17°37	0°25	11°45	27°34	9°40	5°34	5°22	8°22	25°23	M12
T 13	18 1 12	0♋28'05	5♎46	22°29	26°13	7°21	17°40	0°32	11°44	27°36	9°39	5°34	5°19	8°29	25°20	T 13
W14	18 5 9	1°25'16	19°40	22°47	27°25	7° 8	17°43	0°39	11°42	27°38	9°39	5°33	5°16	8°35	25°17	W14
T 15	18 9 5	2°22'26	3♏24	23° 0	28°38	6°54	17°45	0°46	11°41	27°40	9°39	5°31	5°13	8°42	25°14	T 15
F 16	18 13 2	3°19'36	16°59	23° 9	29°50	6°42	17°48	0°53	11°40	27°42	9°38	5°27	5°10	8°49	25°11	F 16
S 17	18 16 58	4°16'46	0♐23	23°R13	1♌ 3	6°30	17°50	1° 0	11°39	27°44	9°38	5°20	5° 6	8°55	25° 8	S 17
S 18	18 20 55	5°13'56	13°36	23°12	2°15	6°19	17°52	1° 7	11°38	27°46	9°38	5°10	5° 3	9° 2	25° 6	S 18
M19	18 24 52	6°11'06	26°37	23° 7	3°28	6° 9	17°54	1°14	11°36	27°48	9°37	4°59	5° 0	9° 9	25° 3	M19
T 20	18 28 48	7° 8'16	9♑24	22°57	4°40	6° 0	17°56	1°21	11°35	27°49	9°37	4°46	4°57	9°15	25° 0	T 20
W21	18 32 45	8° 5'25	21°59	22°42	5°53	5°51	17°58	1°27	11°34	27°51	9°36	4°33	4°54	9°22	24°58	W21
T 22	18 36 41	9° 2'35	4♒19	22°24	7° 5	5°43	17°59	1°34	11°33	27°53	9°36	4°21	4°51	9°29	24°56	T 22
F 23	18 40 38	9°59'45	16°28	22° 1	8°17	5°36	18° 0	1°41	11°32	27°55	9°35	4°12	4°47	9°35	24°53	F 23
S 24	18 44 34	10°56'56	28°26	21°34	9°30	5°30	18° 1	1°48	11°31	27°57	9°35	4° 5	4°44	9°42	24°51	S 24
S 25	18 48 31	11°54'06	10♓17	21° 4	10°42	5°24	18° 2	1°54	11°31	27°58	9°34	4° 1	4°41	9°49	24°49	S 25
M26	18 52 27	12°51'17	22° 5	20°31	11°54	5°20	18° 3	2° 1	11°30	28° 0	9°34	3°59	4°38	9°55	24°47	M26
T 27	18 56 24	13°48'29	3♈55	19°55	13° 7	5°16	18° 3	2° 7	11°29	28° 2	9°33	3°D59	4°35	10° 2	24°45	T 27
W28	19 0 21	14°45'41	15°52	19°18	14°19	5°13	18° 3	2°14	11°28	28° 3	9°33	3°R59	4°31	10° 8	24°43	W28
T 29	19 4 17	15°42'54	28° 1	18°39	15°31	5°11	18°R 3	2°20	11°28	28° 5	9°32	3°58	4°28	10°15	24°41	T 29
F 30	19 8 14	16♋40'07	10♉28	17♋59	16♌43	5♐ 9	18♓ 3	2♊27	11♏27	28♉ 7	9♓31	3♈56	4♈25	10♓22	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	23n 3	8n56	1n10	24n 4	1n17	24n23	1n24	25s 7	3s 1	6s17	1s10	18n14	1s49	15s 8	0n23	17n58	1s39	20s56	14s 4	2n43	2n22	11s13	15s14	4n12
F 2	23 7	14 26	2 12	23 48	1 8	24 17	1 25	25 7	3 4	6 15	1 11	18 15	1 49	15 7	0 23	17 59	1 39	20 56	14 5	2 42	2 21	11 10	15 13	4 12
S 3	23 11	19 28	3 9	23 32	0 58	24 11	1 27	25 7	3 7	6 14	1 11	18 17	1 49	15 7	0 22	17 59	1 39	20 57	14 5	2 40	2 20	11 6	15 12	4 12
S 4	23 15	23 43	3 58	23 14	0 48	24 5	1 28	25 7	3 10	6 12	1 11	18 19	1 49	15 6	0 22	18 0	1 39	20 57	14 5	2 37	2 18	11 3	15 11	4 12
M 5	23 18	26 48	4 34	22 57	0 37	23 57	1 29	25 7	3 13	6 11	1 12	18 20	1 49	15 6	0 22	18 0	1 39	20 57	14 6	2 33	2 17	11 0	15 10	4 12
T 6	23 21	28 22	4 56	22 39	0 25	23 49	1 31	25 6	3 15	6 9	1 12	18 22	1 49	15 5	0 22	18 1	1 39	20 58	14 6	2 29	2 16	10 57	15 9	4 12
W 7	23 24	28 7	5 0	22 20	0 13	23 40	1 32	25 6	3 18	6 8	1 12	18 23	1 49	15 5	0 22	18 1	1 39	20 58	14 7	2 24	2 15	10 54	15 9	4 12
T 8	23 26	26 0	4 46	22 2	0 1	23 31	1 33	25 6	3 20	6 7	1 12	18 25	1 49	15 4	0 22	18 1	1 39	20 58	14 7	2 20	2 13	10 50	15 8	4 12
F 9	23 27	22 11	4 13	21 43	0s13	23 21	1 34	25 6	3 23	6 5	1 13	18 26	1 49	15 4	0 22	18 2	1 39	20 59	14 7	2 17	2 12	10 47	15 7	4 12
S 10	23 29	17 3	3 24	21 24	0 26	23 10	1 35	25 5	3 25	6 4	1 13	18 28	1 49	15 4	0 22	18 2	1 39	20 59	14 8	2 15	2 11	10 44	15 6	4 12
S 11	23 29	10 59	2 23	21 5	0 40	22 58	1 36	25 5	3 27	6 3	1 13	18 29	1 49	15 3	0 22	18 3	1 39	21 0	14 8	2 13	2 10	10 41	15 5	4 12
M12	23 30	4 24	1 13	20 47	0 55	22 46	1 37	25 4	3 29	6 2	1 14	18 31	1 49	15 3	0 22	18 3	1 39	21 0	14 8	2 13	2 8	10 37	15 5	4 12
T 13	23 30	2s19	0s 1	20 28	1 10	22 33	1 38	25 4	3 31	6 1	1 14	18 32	1 49	15 2	0 22	18 4	1 40	21 1	14 9	2 13	2 7	10 34	15 4	4 12
W14	23 29	8 51	1 14	20 11	1 25	22 20	1 38	25 3	3 33	6 0	1 14	18 34	1 49	15 2	0 22	18 4	1 40	21 1	14 9	2 13	2 6	10 31	15 3	4 12
T 15	23 29	14 54	2 21	19 53	1 40	22 6	1 39	25 3	3 35	6 0	1 15	18 35	1 49	15 2	0 22	18 4	1 40	21 1	14 9	2 12	2 5	10 28	15 3	4 12
F 16	23 27	20 9	3 20	19 36	1 56	21 51	1 39	25 2	3 37	5 59	1 15	18 36	1 49	15 1	0 22	18 5	1 40	21 2	14 10	2 10	2 3	10 24	15 2	4 12
S 17	23 26	24 18	4 7	19 20	2 11	21 36	1 40	25 2	3 38	5 58	1 15	18 38	1 49	15 1	0 22	18 5	1 40	21 2	14 10	2 7	2 2	10 21	15 1	4 12
S 18	23 24	27 7	4 39	19 5	2 27	21 20	1 40	25 1	3 40	5 58	1 15	18 39	1 49	15 0	0 22	18 6	1 40	21 3	14 10	2 4	2 1	10 18	15 1	4 12
M19	23 21	28 24	4 57	18 51	2 43	21 4	1 41	25 1	3 41	5 57	1 16	18 41	1 49	15 0	0 22	18 6	1 40	21 3	14 11	1 59	2 0	10 15	15 0	4 11
T 20	23 18	28 8	4 59	18 37	2 58	20 47	1 41	25 1	3 42	5 57	1 16	18 42	1 49	15 0	0 22	18 6	1 40	21 4	14 11	1 54	1 58	10 11	15 0	4 11
W21	23 15	26 25	4 47	18 25	3 13	20 29	1 41	25 0	3 44	5 57	1 16	18 43	1 49	15 0	0 22	18 7	1 40	21 4	14 11	1 49	1 57	10 8	14 59	4 11
T 22	23 11	23 27	4 21	18 14	3 27	20 11	1 41	25 0	3 45	5 56	1 17	18 45	1 49	14 59	0 22	18 7	1 40	21 5	14 12	1 44	1 56	10 5	14 59	4 11
F 23	23 7	19 29	3 43	18 4	3 41	19 52	1 42	25 0	3 46	5 56	1 17	18 46	1 49	14 59	0 22	18 7	1 40	21 5	14 12	1 40	1 54	10 2	14 58	4 11
S 24	23 3	14 48	2 56	17 55	3 54	19 33	1 41	25 0	3 47	5 56	1 17	18 47	1 49	14 59	0 22	18 8	1 40	21 6	14 12	1 38	1 53	9 58	14 58	4 11
S 25	22 58	9 37	2 2	17 48	4 6	19 13	1 41	24 59	3 48	5 56	1 18	18 48	1 49	14 59	0 22	18 8	1 40	21 6	14 13	1 36	1 52	9 55	14 58	4 11
M26	22 53	4 7	1 3	17 42	4 17	18 53	1 41	24 59	3 49	5 56	1 18	18 50	1 50	14 58	0 22	18 8	1 40	21 7	14 13	1 35	1 51	9 52	14 57	4 11
T 27	22 47	1n33	0 0	17 37	4 27	18 32	1 41	24 59	3 49	5 56	1 18	18 51	1 50	14 58	0 22	18 9	1 40	21 7	14 13	1 35	1 49	9 49	14 57	4 11
W28	22 41	7 13	1n 3	17 34	4 35	18 11	1 41	25 0	3 50	5 56	1 19	18 52	1 50	14 58	0 22	18 9	1 40	21 8	14 14	1 35	1 48	9 45	14 56	4 11
T 29	22 34	12 43	2 4	17 33	4 42	17 49	1 40	25 0	3 51	5 57	1 19	18 53	1 50	14 58	0 22	18 9	1 40	21 8	14 14	1 35	1 47	9 42	14 56	4 11
F 30	22n27	17n51	3n 1	17n32	4s47	17n27	1n40	25s 0	3s51	5s57	1s19	18n54	1s50	14s58	0n22	18n10	1s40	21s 9	14s14	1n34	1n46	9s39	14s56	4n10

Julian Day Number = 2290633.5, Delta T = 159.83 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'32, Lahiri = 17°42'33 Julian Calendar 1 June 1559 == Greg. Calendar 11 June 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

JULY 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 12 10	17♋37'22	23♉18	17°R19	17♌55	5°D 9	18°R 3	2♊33	11°R27	28♉ 8	9°R31	3°R52	4♈22	10♓28	24°R38	S 1
S 2	19 16 7	18°34'36	6♊33	16♋40	19° 7	5♐ 9	18♓ 2	2°39	11♏26	28°10	9♓30	3♈45	4°19	10°35	24♏37	S 2
M 3	19 20 3	19°31'52	20°14	16° 2	20°19	5°10	18° 1	2°45	11°26	28°12	9°29	3°36	4°16	10°42	24°35	M 3
T 4	19 24 0	20°29'08	4♋22	15°26	21°31	5°13	18° 0	2°52	11°25	28°13	9°29	3°26	4°12	10°48	24°34	T 4
W 5	19 27 56	21°26'25	18°50	14°53	22°43	5°15	17°59	2°58	11°25	28°15	9°28	3°15	4° 9	10°55	24°33	W 5
T 6	19 31 53	22°23'42	3♌33	14°23	23°55	5°19	17°58	3° 4	11°25	28°16	9°27	3° 5	4° 6	11° 2	24°32	T 6
F 7	19 35 50	23°21'00	18°23	13°57	25° 7	5°24	17°56	3°10	11°24	28°18	9°26	2°57	4° 3	11° 8	24°31	F 7
S 8	19 39 46	24°18'18	3♍11	13°35	26°19	5°29	17°54	3°16	11°24	28°19	9°26	2°52	4° 0	11°15	24°30	S 8
S 9	19 43 43	25°15'37	17°51	13°18	27°31	5°35	17°52	3°21	11°24	28°20	9°25	2°49	3°57	11°22	24°29	S 9
M10	19 47 39	26°12'56	2♎17	13° 7	28°42	5°42	17°50	3°27	11°24	28°22	9°24	2°D48	3°53	11°28	24°28	M10
T 11	19 51 36	27°10'15	16°27	13° 0	29°54	5°50	17°48	3°33	11°D24	28°23	9°23	2°49	3°50	11°35	24°27	T 11
W12	19 55 32	28° 7'35	0♏20	13°D 0	1♍ 6	5°59	17°45	3°39	11°24	28°24	9°22	2°R49	3°47	11°42	24°27	W12
T 13	19 59 29	29° 4'56	13°56	13° 5	2°17	6° 8	17°43	3°44	11°24	28°26	9°21	2°48	3°44	11°48	24°26	T 13
F 14	20 3 25	0♌ 2'16	27°17	13°17	3°29	6°18	17°40	3°50	11°24	28°27	9°20	2°45	3°41	11°55	24°26	F 14
S 15	20 7 22	0°59'38	10♐23	13°35	4°41	6°29	17°37	3°55	11°24	28°28	9°19	2°40	3°37	12° 2	24°26	S 15
S 16	20 11 19	1°57'00	23°17	13°59	5°52	6°41	17°33	4° 0	11°25	28°30	9°19	2°32	3°34	12° 8	24°26	S 16
M17	20 15 15	2°54'23	5♑58	14°29	7° 3	6°53	17°30	4° 6	11°25	28°31	9°18	2°22	3°31	12°15	24°D26	M17
T 18	20 19 12	3°51'47	18°28	15° 6	8°15	7° 6	17°26	4°11	11°25	28°32	9°17	2°12	3°28	12°22	24°26	T 18
W19	20 23 8	4°49'11	0♒47	15°49	9°26	7°19	17°22	4°16	11°26	28°33	9°16	2° 2	3°25	12°28	24°26	W19
T 20	20 27 5	5°46'37	12°56	16°38	10°38	7°34	17°18	4°21	11°26	28°34	9°15	1°52	3°22	12°35	24°26	T 20
F 21	20 31 1	6°44'03	24°56	17°33	11°49	7°49	17°14	4°26	11°26	28°35	9°14	1°45	3°18	12°42	24°27	F 21
S 22	20 34 58	7°41'31	6♓49	18°34	13° 0	8° 4	17°10	4°31	11°27	28°36	9°13	1°39	3°15	12°48	24°27	S 22
S 23	20 38 54	8°38'59	18°38	19°41	14°11	8°21	17° 5	4°36	11°28	28°37	9°12	1°36	3°12	12°55	24°28	S 23
M24	20 42 51	9°36'29	0♈25	20°54	15°22	8°38	17° 1	4°41	11°28	28°38	9°11	1°D35	3° 9	13° 2	24°28	M24
T 25	20 46 48	10°34'00	12°14	22°12	16°33	8°55	16°56	4°45	11°29	28°39	9°10	1°36	3° 6	13° 8	24°29	T 25
W26	20 50 44	11°31'33	24°11	23°35	17°44	9°13	16°51	4°50	11°30	28°40	9° 8	1°37	3° 3	13°15	24°30	W26
T 27	20 54 41	12°29'07	6♉19	25° 4	18°55	9°32	16°46	4°54	11°30	28°41	9° 7	1°38	2°59	13°22	24°31	T 27
F 28	20 58 37	13°26'43	18°44	26°37	20° 6	9°51	16°40	4°59	11°31	28°42	9° 6	1°R38	2°56	13°28	24°32	F 28
S 29	21 2 34	14°24'20	1♊32	28°14	21°17	10°11	16°35	5° 3	11°32	28°43	9° 5	1°36	2°53	13°35	24°33	S 29
S 30	21 6 30	15°21'58	14°45	29°56	22°28	10°32	16°29	5° 8	11°33	28°44	9° 4	1°33	2°50	13°41	24°34	S 30
M31	21 10 27	16♌19'39	28♊27	1♌41	23♍38	10♐53	16♓23	5♊12	11♏34	28♉45	9♓ 3	1♈28	2♈47	13♓48	24♏36	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	22n20	22n21	3n50	17n34	4s51	17n 4	1n39	25s 0	3s52	5s57	1s19	18n56	1s50	14s57	0n22	18n10	1s40	21s 9	14s15	1n32	1n44	9s35	14s56	4n10
S 2	22 12	25 52	4 29	17 36	4 53	16 41	1 39	25 1	3 52	5 58	1 20	18 57	1 50	14 57	0 22	18 10	1 40	21 10	14 15	1 30	1 43	9 32	14 55	4 10
M 3	22 4	28 1	4 54	17 40	4 54	16 18	1 38	25 1	3 52	5 59	1 20	18 58	1 50	14 57	0 22	18 11	1 40	21 10	14 15	1 26	1 42	9 29	14 55	4 10
T 4	21 56	28 27	5 2	17 46	4 52	15 54	1 37	25 2	3 53	5 59	1 20	18 59	1 50	14 57	0 22	18 11	1 40	21 11	14 15	1 22	1 41	9 26	14 55	4 10
W 5	21 47	26 58	4 51	17 52	4 49	15 29	1 36	25 3	3 53	6 0	1 21	19 0	1 50	14 57	0 22	18 11	1 40	21 12	14 16	1 18	1 39	9 22	14 55	4 10
T 6	21 38	23 38	4 21	18 0	4 45	15 5	1 35	25 4	3 53	6 1	1 21	19 1	1 50	14 57	0 22	18 12	1 40	21 12	14 16	1 14	1 38	9 19	14 55	4 10
F 7	21 28	18 44	3 33	18 9	4 39	14 39	1 34	25 5	3 53	6 2	1 21	19 2	1 50	14 57	0 22	18 12	1 40	21 13	14 16	1 11	1 37	9 16	14 55	4 9
S 8	21 19	12 42	2 31	18 18	4 31	14 14	1 33	25 6	3 53	6 3	1 22	19 3	1 50	14 57	0 22	18 12	1 40	21 13	14 17	1 9	1 36	9 12	14 55	4 9
S 9	21 8	6 2	1 19	18 29	4 22	13 48	1 32	25 7	3 53	6 4	1 22	19 4	1 51	14 57	0 22	18 12	1 40	21 14	14 17	1 7	1 34	9 9	14 55	4 9
M10	20 58	0s52	0 3	18 40	4 12	13 22	1 30	25 8	3 53	6 5	1 22	19 5	1 51	14 57	0 22	18 13	1 40	21 14	14 17	1 7	1 33	9 6	14 55	4 9
T 11	20 47	7 35	1s12	18 52	4 1	12 55	1 29	25 9	3 53	6 6	1 22	19 6	1 51	14 57	0 22	18 13	1 40	21 15	14 17	1 7	1 32	9 2	14 55	4 9
W12	20 35	13 49	2 21	19 4	3 49	12 28	1 27	25 10	3 53	6 7	1 23	19 7	1 51	14 57	0 21	18 13	1 41	21 16	14 18	1 7	1 30	8 59	14 55	4 9
T 13	20 24	19 15	3 21	19 16	3 36	12 1	1 26	25 12	3 52	6 9	1 23	19 8	1 51	14 57	0 21	18 13	1 41	21 16	14 18	1 7	1 29	8 56	14 55	4 8
F 14	20 12	23 38	4 8	19 29	3 22	11 34	1 24	25 13	3 52	6 10	1 23	19 9	1 51	14 57	0 21	18 14	1 41	21 17	14 18	1 6	1 28	8 53	14 55	4 8
S 15	19 59	26 42	4 42	19 42	3 8	11 6	1 23	25 15	3 52	6 11	1 24	19 10	1 51	14 57	0 21	18 14	1 41	21 17	14 18	1 4	1 27	8 49	14 55	4 8
S 16	19 46	28 20	5 0	19 54	2 53	10 38	1 21	25 17	3 51	6 13	1 24	19 11	1 51	14 57	0 21	18 14	1 41	21 18	14 19	1 1	1 25	8 46	14 55	4 8
M17	19 33	28 25	5 4	20 6	2 37	10 10	1 19	25 18	3 51	6 15	1 24	19 12	1 51	14 57	0 21	18 14	1 41	21 18	14 19	0 57	1 24	8 43	14 55	4 8
T 18	19 20	27 3	4 52	20 18	2 22	9 41	1 17	25 20	3 51	6 16	1 24	19 13	1 51	14 57	0 21	18 15	1 41	21 19	14 19	0 53	1 23	8 39	14 55	4 8
W19	19 6	24 23	4 27	20 28	2 6	9 12	1 15	25 22	3 50	6 18	1 25	19 13	1 52	14 58	0 21	18 15	1 41	21 20	14 19	0 48	1 22	8 36	14 56	4 7
T 20	18 52	20 39	3 50	20 38	1 50	8 43	1 13	25 24	3 50	6 20	1 25	19 14	1 52	14 58	0 21	18 15	1 41	21 20	14 20	0 45	1 20	8 33	14 56	4 7
F 21	18 38	16 7	3 4	20 47	1 35	8 14	1 11	25 26	3 49	6 22	1 25	19 15	1 52	14 58	0 21	18 15	1 41	21 21	14 20	0 42	1 19	8 29	14 56	4 7
S 22	18 24	11 2	2 9	20 54	1 19	7 45	1 8	25 28	3 49	6 24	1 26	19 16	1 52	14 58	0 21	18 15	1 41	21 21	14 20	0 40	1 18	8 26	14 56	4 7
S 23	18 9	5 34	1 9	21 0	1 4	7 15	1 6	25 30	3 48	6 26	1 26	19 17	1 52	14 58	0 21	18 16	1 41	21 22	14 20	0 38	1 17	8 23	14 57	4 7
M24	17 53	0n 4	0 6	21 4	0 48	6 46	1 4	25 32	3 47	6 28	1 26	19 17	1 52	14 59	0 21	18 16	1 41	21 23	14 20	0 38	1 15	8 19	14 57	4 6
T 25	17 38	5 43	0n57	21 7	0 34	6 16	1 1	25 34	3 47	6 30	1 26	19 18	1 52	14 59	0 21	18 16	1 41	21 23	14 21	0 38	1 14	8 16	14 57	4 6
W26	17 22	11 14	1 59	21 7	0 19	5 45	0 59	25 37	3 46	6 32	1 27	19 19	1 52	14 59	0 21	18 16	1 41	21 24	14 21	0 39	1 13	8 13	14 58	4 6
T 27	17 6	16 26	2 56	21 5	0 6	5 15	0 56	25 39	3 45	6 34	1 27	19 19	1 52	14 59	0 21	18 16	1 41	21 24	14 21	0 39	1 11	8 9	14 58	4 6
F 28	16 50	21 4	3 47	21 0	0n 7	4 45	0 53	25 41	3 45	6 37	1 27	19 20	1 53	15 0	0 21	18 16	1 41	21 25	14 21	0 39	1 10	8 6	14 59	4 6
S 29	16 33	24 53	4 28	20 53	0 20	4 14	0 51	25 43	3 44	6 39	1 27	19 21	1 53	15 0	0 21	18 16	1 41	21 26	14 21	0 38	1 9	8 3	14 59	4 5
S 30	16 16	27 32	4 56	20 44	0 32	3 44	0 48	25 46	3 43	6 41	1 28	19 21	1 53	15 0	0 21	18 17	1 41	21 26	14 22	0 37	1 8	7 59	15 0	4 5
M31	15n59	28n38	5n 9	20n32	0n43	3n13	0n45	25s48	3s42	6s44	1s28	19n22	1s53	15s 1	0n21	18n17	1s41	21s27	14s22	0n35	1n 6	7s56	15s 0	4n 5

Julian Day Number = 2290663.5, Delta T = 159.66 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'36, Lahiri = 17°42'37 Julian Calendar 1 July 1559 == Greg. Calendar 11 July 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

AUGUST 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 14 23	17♌17'20	12♋36	3♌29	24♍49	11♐14	16°R18	5♊16	11♏35	28♉45	9°R 2	1°R22	2♈43	13♓55	24♏37	T 1
W 2	21 18 20	18°15'04	27°11	5°20	25°59	11°37	16♓11	5°20	11°36	28°46	9♓ 1	1♈15	2°40	14° 1	24°39	W 2
T 3	21 22 17	19°12'48	12♌ 6	7°13	27°10	11°59	16° 5	5°24	11°37	28°47	9° 0	1° 9	2°37	14° 8	24°40	T 3
F 4	21 26 13	20°10'35	27°11	9° 9	28°20	12°22	15°59	5°28	11°39	28°47	8°58	1° 4	2°34	14°15	24°42	F 4
S 5	21 30 10	21° 8'22	12♍18	11° 6	29°31	12°46	15°52	5°31	11°40	28°48	8°57	1° 1	2°31	14°21	24°44	S 5
S 6	21 34 6	22° 6'11	27°17	13° 4	0♎41	13°10	15°46	5°35	11°41	28°49	8°56	1°D 0	2°28	14°28	24°46	S 6
M 7	21 38 3	23° 4'01	12♎ 1	15° 3	1°52	13°35	15°39	5°38	11°43	28°49	8°55	1° 0	2°24	14°35	24°48	M 7
T 8	21 41 59	24° 1'52	26°24	17° 3	3° 2	14° 0	15°32	5°42	11°44	28°50	8°54	1° 1	2°21	14°41	24°50	T 8
W 9	21 45 56	24°59'44	10♏26	19° 3	4°12	14°26	15°25	5°45	11°45	28°50	8°52	1° 3	2°18	14°48	24°52	W 9
T 10	21 49 52	25°57'38	24° 5	21° 3	5°22	14°52	15°18	5°49	11°47	28°51	8°51	1°R 3	2°15	14°55	24°55	T 10
F 11	21 53 49	26°55'33	7♐22	23° 2	6°32	15°18	15°11	5°52	11°48	28°51	8°50	1° 3	2°12	15° 1	24°57	F 11
S 12	21 57 46	27°53'29	20°20	25° 1	7°42	15°45	15° 4	5°55	11°50	28°51	8°49	1° 1	2° 9	15° 8	25° 0	S 12
S 13	22 1 42	28°51'27	3♑ 1	27° 0	8°52	16°12	14°57	5°58	11°52	28°52	8°48	0°58	2° 5	15°15	25° 2	S 13
M14	22 5 39	29°49'26	15°29	28°58	10° 1	16°40	14°49	6° 1	11°53	28°52	8°46	0°53	2° 2	15°21	25° 5	M14
T 15	22 9 35	0♍47'26	27°45	0♍55	11°11	17° 8	14°42	6° 3	11°55	28°52	8°45	0°48	1°59	15°28	25° 8	T 15
W16	22 13 32	1°45'28	9♒51	2°51	12°21	17°37	14°34	6° 6	11°57	28°53	8°44	0°43	1°56	15°35	25°11	W16
T 17	22 17 28	2°43'32	21°49	4°45	13°30	18° 6	14°27	6° 9	11°59	28°53	8°43	0°38	1°53	15°41	25°13	T 17
F 18	22 21 25	3°41'37	3♓42	6°39	14°40	18°35	14°19	6°11	12° 1	28°53	8°41	0°35	1°49	15°48	25°17	F 18
S 19	22 25 21	4°39'43	15°31	8°32	15°49	19° 5	14°11	6°14	12° 3	28°53	8°40	0°32	1°46	15°55	25°20	S 19
S 20	22 29 18	5°37'52	27°19	10°24	16°58	19°35	14° 4	6°16	12° 4	28°53	8°39	0°D32	1°43	16° 1	25°23	S 20
M21	22 33 15	6°36'02	9♈ 7	12°14	18° 7	20° 5	13°56	6°18	12° 6	28°53	8°38	0°32	1°40	16° 8	25°26	M21
T 22	22 37 11	7°34'14	20°59	14° 3	19°16	20°36	13°48	6°20	12° 9	28°54	8°36	0°33	1°37	16°14	25°30	T 22
W23	22 41 8	8°32'29	2♉58	15°51	20°25	21° 7	13°40	6°22	12°11	28°R54	8°35	0°34	1°34	16°21	25°33	W23
T 24	22 45 4	9°30'45	15° 9	17°38	21°34	21°39	13°32	6°24	12°13	28°54	8°34	0°36	1°30	16°28	25°37	T 24
F 25	22 49 1	10°29'03	27°34	19°24	22°43	22°10	13°24	6°26	12°15	28°54	8°33	0°37	1°27	16°34	25°40	F 25
S 26	22 52 57	11°27'24	10♊19	21° 9	23°52	22°42	13°16	6°27	12°17	28°53	8°31	0°R38	1°24	16°41	25°44	S 26
S 27	22 56 54	12°25'46	23°27	22°52	25° 0	23°15	13° 8	6°29	12°19	28°53	8°30	0°37	1°21	16°48	25°48	S 27
M28	23 0 50	13°24'11	7♋ 2	24°34	26° 9	23°47	13° 0	6°30	12°22	28°53	8°29	0°36	1°18	16°54	25°52	M28
T 29	23 4 47	14°22'38	21° 3	26°16	27°17	24°20	12°52	6°32	12°24	28°53	8°28	0°35	1°14	17° 1	25°56	T 29
W30	23 8 44	15°21'08	5♌31	27°56	28°25	24°54	12°44	6°33	12°27	28°53	8°26	0°33	1°11	17° 8	26° 0	W30
T 31	23 12 40	16♍19'39	20♌21	29♍35	29♎34	25♐27	12♓36	6♊34	12♏29	28♉53	8♓25	0♈31	1♈ 8	17♓14	26♏ 4	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	15n42	27n56	5n 3	20n17	0n53	2n42	0n42	25s50	3s41	6s46	1s28	19n23	1s53	15s 1	0n21	18n17	1s42	21s27	14s22	0n33	1n 5	7s53	15s 1	4n 5
W 2	15 24	25 19	4 38	19 59	1 2	2 11	0 39	25 53	3 41	6 49	1 28	19 23	1 53	15 1	0 21	18 17	1 42	21 28	14 22	0 30	1 4	7 49	15 1	4 5
T 3	15 6	20 57	3 54	19 39	1 10	1 40	0 36	25 55	3 40	6 52	1 28	19 24	1 53	15 2	0 21	18 17	1 42	21 28	14 22	0 28	1 3	7 46	15 2	4 4
F 4	14 48	15 11	2 53	19 16	1 18	1 9	0 32	25 57	3 39	6 54	1 29	19 24	1 53	15 2	0 21	18 17	1 42	21 29	14 22	0 26	1 1	7 43	15 3	4 4
S 5	14 29	8 30	1 40	18 50	1 24	0 38	0 29	25 59	3 38	6 57	1 29	19 25	1 54	15 2	0 21	18 17	1 42	21 30	14 23	0 24	1 0	7 39	15 3	4 4
S 6	14 11	1 24	0 20	18 22	1 30	0 7	0 26	26 2	3 37	7 0	1 29	19 25	1 54	15 3	0 21	18 17	1 42	21 30	14 23	0 24	0 59	7 36	15 4	4 4
M 7	13 52	5s40	1s 0	17 52	1 35	0s24	0 23	26 4	3 36	7 2	1 29	19 26	1 54	15 3	0 21	18 17	1 42	21 31	14 23	0 24	0 58	7 33	15 5	4 4
T 8	13 33	12 18	2 14	17 20	1 39	0 55	0 19	26 6	3 35	7 5	1 29	19 26	1 54	15 4	0 21	18 17	1 42	21 31	14 23	0 24	0 56	7 29	15 5	4 3
W 9	13 13	18 7	3 18	16 46	1 42	1 26	0 16	26 8	3 34	7 8	1 30	19 27	1 54	15 4	0 21	18 17	1 42	21 32	14 23	0 25	0 55	7 26	15 6	4 3
T 10	12 54	22 52	4 10	16 10	1 44	1 57	0 12	26 10	3 33	7 11	1 30	19 27	1 54	15 5	0 21	18 18	1 42	21 33	14 23	0 25	0 54	7 22	15 7	4 3
F 11	12 34	26 18	4 46	15 32	1 46	2 28	0 9	26 12	3 32	7 14	1 30	19 28	1 54	15 5	0 21	18 18	1 42	21 33	14 23	0 25	0 52	7 19	15 7	4 3
S 12	12 14	28 15	5 7	14 53	1 46	2 59	0 5	26 14	3 31	7 17	1 30	19 28	1 55	15 6	0 21	18 18	1 42	21 34	14 23	0 24	0 51	7 16	15 8	4 3
S 13	11 54	28 40	5 12	14 12	1 46	3 30	0 1	26 16	3 30	7 20	1 30	19 28	1 55	15 6	0 21	18 18	1 42	21 34	14 23	0 23	0 50	7 12	15 9	4 2
M14	11 34	27 36	5 2	13 31	1 46	4 1	0s 3	26 18	3 29	7 23	1 30	19 29	1 55	15 7	0 21	18 18	1 42	21 35	14 24	0 21	0 49	7 9	15 10	4 2
T 15	11 13	25 13	4 39	12 48	1 45	4 32	0 6	26 20	3 28	7 26	1 31	19 29	1 55	15 7	0 21	18 18	1 42	21 35	14 24	0 19	0 47	7 6	15 11	4 2
W16	10 53	21 43	4 3	12 5	1 43	5 3	0 10	26 21	3 27	7 29	1 31	19 29	1 55	15 8	0 21	18 18	1 42	21 36	14 24	0 17	0 46	7 2	15 12	4 2
T 17	10 32	17 22	3 17	11 21	1 40	5 33	0 14	26 23	3 26	7 32	1 31	19 30	1 55	15 9	0 21	18 18	1 42	21 36	14 24	0 15	0 45	6 59	15 12	4 2
F 18	10 11	12 23	2 22	10 36	1 38	6 4	0 18	26 25	3 25	7 35	1 31	19 30	1 55	15 9	0 20	18 18	1 42	21 37	14 24	0 14	0 44	6 56	15 13	4 1
S 19	9 50	6 59	1 22	9 51	1 34	6 35	0 22	26 26	3 24	7 38	1 31	19 30	1 56	15 10	0 20	18 18	1 42	21 37	14 24	0 13	0 42	6 52	15 14	4 1
S 20	9 28	1 21	0 18	9 5	1 30	7 5	0 26	26 27	3 23	7 41	1 31	19 30	1 56	15 10	0 20	18 18	1 43	21 38	14 24	0 13	0 41	6 49	15 15	4 1
M21	9 7	4n21	0n47	8 19	1 26	7 35	0 30	26 29	3 22	7 45	1 31	19 31	1 56	15 11	0 20	18 18	1 43	21 39	14 24	0 13	0 40	6 45	15 16	4 1
T 22	8 45	9 55	1 50	7 33	1 22	8 5	0 34	26 30	3 20	7 48	1 31	19 31	1 56	15 12	0 20	18 18	1 43	21 39	14 24	0 13	0 39	6 42	15 17	4 1
W23	8 23	15 11	2 50	6 46	1 17	8 35	0 38	26 31	3 19	7 51	1 32	19 31	1 56	15 12	0 20	18 18	1 43	21 40	14 24	0 14	0 37	6 39	15 18	4 0
T 24	8 1	19 57	3 42	6 0	1 12	9 5	0 42	26 32	3 18	7 54	1 32	19 31	1 56	15 13	0 20	18 17	1 43	21 40	14 24	0 14	0 36	6 35	15 19	4 0
F 25	7 39	23 58	4 25	5 13	1 6	9 35	0 46	26 33	3 17	7 57	1 32	19 31	1 56	15 14	0 20	18 17	1 43	21 41	14 24	0 15	0 35	6 32	15 20	4 0
S 26	7 17	26 57	4 57	4 27	1 0	10 4	0 51	26 33	3 16	8 0	1 32	19 31	1 57	15 14	0 20	18 17	1 43	21 41	14 24	0 15	0 34	6 29	15 21	4 0
S 27	6 55	28 34	5 14	3 40	0 54	10 33	0 55	26 34	3 15	8 3	1 32	19 32	1 57	15 15	0 20	18 17	1 43	21 42	14 24	0 15	0 32	6 25	15 22	4 0
M28	6 32	28 33	5 14	2 54	0 48	11 2	0 59	26 34	3 13	8 6	1 32	19 32	1 57	15 16	0 20	18 17	1 43	21 42	14 24	0 14	0 31	6 22	15 23	4 0
T 29	6 10	26 44	4 56	2 8	0 42	11 31	1 3	26 35	3 12	8 10	1 32	19 32	1 57	15 17	0 20	18 17	1 43	21 43	14 24	0 14	0 30	6 18	15 25	3 59
W30	5 47	23 8	4 20	1 22	0 35	12 0	1 8	26 35	3 11	8 13	1 32	19 32	1 57	15 17	0 20	18 17	1 43	21 43	14 24	0 13	0 28	6 15	15 26	3 59
T 31	5n24	17n58	3n25	0n36	0n28	12s28	1s12	26s35	3s10	8s16	1s32	19n32	1s57	15s18	0n20	18n17	1s43	21s43	14s24	0n12	0n27	6s12	15s27	3n59

Julian Day Number = 2290694.5, Delta T = 159.49 sec
Ecliptic obliquity = 23°29'57, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'40, Lahiri = 17°42'41 Julian Calendar 1 Aug. 1559 == Greg. Calendar 11 Aug. 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

SEPTEMBER 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 16 37	17♍18'12	5♍26	1♎13	0♏42	26♐ 1	12°R28	6♊35	12♏31	28°R52	8°R24	0°R29	1♈ 5	17♓21	26♏ 9	F 1
S 2	23 20 33	18°16'47	20°39	2°50	1°50	26°35	12♓20	6°36	12°34	28♉52	8♓23	0♈29	1° 2	17°28	26°13	S 2
S 3	23 24 30	19°15'24	5♎49	4°26	2°58	27°10	12°12	6°37	12°37	28°52	8°22	0°D29	0°59	17°34	26°17	S 3
M 4	23 28 26	20°14'03	20°46	6° 1	4° 5	27°44	12° 5	6°37	12°39	28°51	8°20	0°29	0°55	17°41	26°22	M 4
T 5	23 32 23	21°12'44	5♏25	7°35	5°13	28°19	11°57	6°38	12°42	28°51	8°19	0°30	0°52	17°48	26°26	T 5
W 6	23 36 19	22°11'26	19°39	9° 8	6°20	28°54	11°49	6°38	12°44	28°51	8°18	0°31	0°49	17°54	26°31	W 6
T 7	23 40 16	23°10'11	3♐27	10°40	7°28	29°30	11°41	6°39	12°47	28°50	8°17	0°31	0°46	18° 1	26°36	T 7
F 8	23 44 13	24° 8'57	16°49	12°11	8°35	0♑ 6	11°34	6°39	12°50	28°50	8°16	0°31	0°43	18° 8	26°41	F 8
S 9	23 48 9	25° 7'45	29°48	13°41	9°42	0°41	11°26	6°39	12°53	28°49	8°14	0°R32	0°40	18°14	26°45	S 9
S 10	23 52 6	26° 6'34	12♑25	15°10	10°49	1°18	11°19	6°R39	12°55	28°48	8°13	0°31	0°36	18°21	26°50	S 10
M11	23 56 2	27° 5'26	24°46	16°38	11°56	1°54	11°11	6°39	12°58	28°48	8°12	0°31	0°33	18°27	26°55	M11
T 12	23 59 59	28° 4'19	6♒53	18° 5	13° 2	2°31	11° 4	6°39	13° 1	28°47	8°11	0°31	0°30	18°34	27° 0	T 12
W13	0 3 55	29° 3'13	18°51	19°31	14° 9	3° 7	10°57	6°38	13° 4	28°47	8°10	0°30	0°27	18°41	27° 6	W13
T 14	0 7 52	0♎ 2'10	0♓42	20°56	15°15	3°44	10°50	6°38	13° 7	28°46	8° 9	0°30	0°24	18°47	27°11	T 14
F 15	0 11 48	1° 1'09	12°31	22°20	16°21	4°22	10°43	6°37	13°10	28°45	8° 7	0°D30	0°20	18°54	27°16	F 15
S 16	0 15 45	2° 0'09	24°19	23°43	17°27	4°59	10°36	6°37	13°13	28°44	8° 6	0°R30	0°17	19° 1	27°21	S 16
S 17	0 19 42	2°59'12	6♈ 9	25° 4	18°33	5°37	10°29	6°36	13°16	28°44	8° 5	0°30	0°14	19° 7	27°27	S 17
M18	0 23 38	3°58'16	18° 3	26°25	19°38	6°14	10°22	6°35	13°19	28°43	8° 4	0°30	0°11	19°14	27°32	M18
T 19	0 27 35	4°57'23	0♉ 3	27°44	20°44	6°52	10°16	6°34	13°22	28°42	8° 3	0°30	0° 8	19°21	27°38	T 19
W20	0 31 31	5°56'32	12°11	29° 2	21°49	7°31	10° 9	6°33	13°25	28°41	8° 2	0°29	0° 5	19°27	27°43	W20
T 21	0 35 28	6°55'43	24°30	0♏19	22°54	8° 9	10° 3	6°32	13°28	28°40	8° 1	0°28	0° 1	19°34	27°49	T 21
F 22	0 39 24	7°54'56	7♊ 2	1°35	23°59	8°47	9°57	6°31	13°32	28°39	8° 0	0°27	29♓58	19°41	27°55	F 22
S 23	0 43 21	8°54'12	19°50	2°49	25° 3	9°26	9°51	6°29	13°35	28°38	7°59	0°27	29°55	19°47	28° 1	S 23
S 24	0 47 17	9°53'30	2♋56	4° 1	26° 8	10° 5	9°45	6°28	13°38	28°37	7°58	0°26	29°52	19°54	28° 6	S 24
M25	0 51 14	10°52'51	16°23	5°12	27°12	10°44	9°39	6°26	13°41	28°36	7°57	0°D26	29°49	20° 1	28°12	M25
T 26	0 55 11	11°52'14	0♌13	6°21	28°16	11°23	9°33	6°24	13°45	28°35	7°56	0°27	29°46	20° 7	28°18	T 26
W27	0 59 7	12°51'39	14°25	7°28	29°19	12° 3	9°28	6°22	13°48	28°34	7°55	0°28	29°42	20°14	28°24	W27
T 28	1 3 4	13°51'06	28°58	8°32	0♐23	12°42	9°23	6°21	13°51	28°33	7°54	0°29	29°39	20°20	28°30	T 28
F 29	1 7 0	14°50'36	13♍49	9°35	1°26	13°22	9°18	6°19	13°55	28°32	7°53	0°29	29°36	20°27	28°37	F 29
S 30	1 10 57	15♎50'08	28♍50	10♏35	2♐29	14♑ 1	9♓13	6♊16	13♏58	28♉31	7♓52	0°R30	29♓33	20♓34	28♏43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n 2	11n37	2n14	0s 9	0n22	12s56	1s16	26s35	3s 9	8s19	1s32	19n32	1s58	15s19	0n20	18n17	1s43	21s44	14s24	0n12	0n26	6s 8	15s28	3n59
S 2	4 39	4 33	0 54	0 54	0 15	13 24	1 20	26 35	3 7	8 22	1 32	19 32	1 58	15 20	0 20	18 17	1 43	21 44	14 24	0 11	0 25	6 5	15 29	3 59
S 3	4 16	2s46	0s30	1 39	0 7	13 51	1 25	26 34	3 6	8 25	1 32	19 32	1 58	15 20	0 20	18 17	1 43	21 45	14 24	0 11	0 23	6 1	15 30	3 59
M 4	3 53	9 50	1 50	2 24	0 0	14 19	1 29	26 34	3 5	8 28	1 32	19 32	1 58	15 21	0 20	18 16	1 43	21 45	14 24	0 12	0 22	5 58	15 31	3 58
T 5	3 30	16 13	3 2	3 7	0s 7	14 46	1 33	26 33	3 4	8 31	1 32	19 32	1 58	15 22	0 20	18 16	1 43	21 46	14 24	0 12	0 21	5 55	15 33	3 58
W 6	3 6	21 33	4 0	3 51	0 15	15 12	1 38	26 32	3 2	8 34	1 32	19 32	1 58	15 23	0 20	18 16	1 43	21 46	14 24	0 12	0 20	5 51	15 34	3 58
T 7	2 43	25 31	4 43	4 34	0 22	15 38	1 42	26 31	3 1	8 37	1 32	19 32	1 58	15 24	0 20	18 16	1 43	21 46	14 24	0 12	0 18	5 48	15 35	3 58
F 8	2 20	27 58	5 9	5 17	0 29	16 5	1 46	26 30	3 0	8 40	1 32	19 32	1 59	15 25	0 20	18 16	1 44	21 47	14 24	0 13	0 17	5 44	15 36	3 58
S 9	1 56	28 48	5 18	5 59	0 37	16 30	1 51	26 28	2 59	8 43	1 32	19 31	1 59	15 26	0 20	18 16	1 44	21 47	14 24	0 13	0 16	5 41	15 37	3 58
S 10	1 33	28 4	5 11	6 40	0 44	16 55	1 55	26 27	2 57	8 45	1 32	19 31	1 59	15 26	0 20	18 15	1 44	21 48	14 24	0 12	0 14	5 38	15 39	3 58
M11	1 10	25 59	4 50	7 21	0 52	17 20	1 59	26 25	2 56	8 48	1 32	19 31	1 59	15 27	0 20	18 15	1 44	21 48	14 24	0 12	0 13	5 34	15 40	3 57
T 12	0 46	22 43	4 16	8 1	0 59	17 45	2 3	26 23	2 55	8 51	1 32	19 31	1 59	15 28	0 20	18 15	1 44	21 48	14 23	0 12	0 12	5 31	15 41	3 57
W13	0 23	18 34	3 31	8 41	1 7	18 9	2 8	26 21	2 53	8 54	1 32	19 31	1 59	15 29	0 20	18 15	1 44	21 49	14 23	0 12	0 11	5 27	15 43	3 57
T 14	0s 1	13 43	2 38	9 20	1 14	18 33	2 12	26 19	2 52	8 56	1 32	19 31	1 59	15 30	0 20	18 15	1 44	21 49	14 23	0 12	0 9	5 24	15 44	3 57
F 15	0 24	8 24	1 38	9 59	1 22	18 56	2 16	26 16	2 51	8 59	1 32	19 30	2 0	15 31	0 20	18 15	1 44	21 49	14 23	0 12	0 8	5 21	15 45	3 57
S 16	0 48	2 47	0 34	10 36	1 29	19 19	2 20	26 14	2 49	9 1	1 32	19 30	2 0	15 32	0 20	18 14	1 44	21 50	14 23	0 12	0 7	5 17	15 46	3 57
S 17	1 11	2n56	0n31	11 13	1 36	19 42	2 24	26 11	2 48	9 4	1 32	19 30	2 0	15 33	0 20	18 14	1 44	21 50	14 23	0 12	0 6	5 14	15 48	3 57
M18	1 35	8 34	1 36	11 49	1 43	20 4	2 28	26 8	2 47	9 6	1 31	19 29	2 0	15 34	0 20	18 14	1 44	21 50	14 23	0 12	0 4	5 10	15 49	3 57
T 19	1 58	13 58	2 37	12 25	1 50	20 26	2 32	26 4	2 45	9 9	1 31	19 29	2 0	15 35	0 20	18 14	1 44	21 51	14 23	0 12	0 3	5 7	15 50	3 57
W20	2 22	18 53	3 31	12 59	1 57	20 47	2 36	26 1	2 44	9 11	1 31	19 29	2 0	15 36	0 20	18 13	1 44	21 51	14 23	0 12	0 2	5 4	15 52	3 56
T 21	2 45	23 5	4 17	13 33	2 4	21 8	2 40	25 57	2 43	9 14	1 31	19 29	2 0	15 37	0 20	18 13	1 44	21 51	14 22	0 11	0 1	5 0	15 53	3 56
F 22	3 9	26 19	4 51	14 5	2 10	21 28	2 44	25 54	2 41	9 16	1 31	19 28	2 1	15 38	0 20	18 13	1 44	21 52	14 22	0 11	0s 1	4 57	15 54	3 56
S 23	3 32	28 17	5 12	14 37	2 17	21 48	2 48	25 49	2 40	9 18	1 31	19 28	2 1	15 39	0 20	18 13	1 44	21 52	14 22	0 11	0 2	4 53	15 56	3 56
S 24	3 56	28 45	5 17	15 8	2 23	22 7	2 52	25 45	2 39	9 20	1 31	19 27	2 1	15 40	0 20	18 12	1 44	21 52	14 22	0 10	0 3	4 50	15 57	3 56
M25	4 19	27 32	5 5	15 37	2 29	22 26	2 56	25 41	2 37	9 22	1 31	19 27	2 1	15 40	0 20	18 12	1 44	21 52	14 22	0 10	0 5	4 46	15 58	3 56
T 26	4 42	24 38	4 36	16 6	2 34	22 44	2 59	25 36	2 36	9 24	1 31	19 27	2 1	15 41	0 20	18 12	1 44	21 53	14 22	0 11	0 6	4 43	16 0	3 56
W27	5 6	20 11	3 49	16 33	2 40	23 2	3 3	25 31	2 35	9 26	1 30	19 26	2 1	15 43	0 20	18 12	1 44	21 53	14 22	0 11	0 7	4 40	16 1	3 56
T 28	5 29	14 27	2 46	16 59	2 45	23 19	3 7	25 26	2 33	9 28	1 30	19 26	2 1	15 44	0 20	18 11	1 44	21 53	14 21	0 11	0 8	4 36	16 3	3 56
F 29	5 52	7 47	1 31	17 24	2 49	23 36	3 10	25 21	2 32	9 30	1 30	19 25	2 1	15 45	0 20	18 11	1 44	21 53	14 21	0 12	0 10	4 33	16 4	3 56
S 30	6s15	0n36	0n 9	17s47	2s54	23s52	3s14	25s15	2s31	9s31	1s30	19n25	2s 2	15s46	0n20	18n11	1s44	21s53	14s21	0n12	0s11	4s29	16s 5	3n56

Julian Day Number = 2290725.5, Delta T = 159.31 sec
Ecliptic obliquity = 23°29'57, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'45, Lahiri = 17°42'45 Julian Calendar 1 Sept. 1559 == Greg. Calendar 11 Sept. 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

OCTOBER 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 14 53	16♎49'42	13♎55	11♏32	3♐32	14♑41	9°R 8	6°R14	14♏ 1	28°R30	7°R51	0°R30	29♓30	20♓40	28♏49	S 1
M 2	1 18 50	17°49'18	28°54	12°26	4°34	15°21	9♓ 3	6♊12	14° 5	28♉29	7♓50	0♈28	29°26	20°47	28°55	M 2
T 3	1 22 46	18°48'56	13♏38	13°16	5°36	16° 2	8°59	6° 9	14° 8	28°28	7°49	0°26	29°23	20°54	29° 2	T 3
W 4	1 26 43	19°48'36	28° 1	14° 3	6°38	16°42	8°54	6° 7	14°12	28°26	7°48	0°24	29°20	21° 0	29° 8	W 4
T 5	1 30 39	20°48'18	11♐58	14°46	7°40	17°23	8°50	6° 4	14°15	28°25	7°47	0°21	29°17	21° 7	29°14	T 5
F 6	1 34 36	21°48'02	25°28	15°24	8°41	18° 3	8°46	6° 1	14°19	28°24	7°47	0°18	29°14	21°14	29°21	F 6
S 7	1 38 33	22°47'47	8♑32	15°57	9°42	18°44	8°43	5°59	14°22	28°23	7°46	0°17	29°11	21°20	29°27	S 7
S 8	1 42 29	23°47'35	21°11	16°25	10°42	19°25	8°39	5°56	14°26	28°21	7°45	0°D16	29° 7	21°27	29°34	S 8
M 9	1 46 26	24°47'24	3♒31	16°47	11°42	20° 6	8°36	5°53	14°29	28°20	7°44	0°16	29° 4	21°34	29°41	M 9
T 10	1 50 22	25°47'14	15°36	17° 2	12°42	20°47	8°33	5°50	14°33	28°18	7°43	0°17	29° 1	21°40	29°47	T 10
W11	1 54 19	26°47'06	27°31	17°R 9	13°41	21°28	8°30	5°46	14°37	28°17	7°43	0°19	28°58	21°47	29°54	W11
T 12	1 58 15	27°47'00	9♓19	17° 9	14°40	22°10	8°27	5°43	14°40	28°16	7°42	0°21	28°55	21°53	0♐ 1	T 12
F 13	2 2 12	28°46'56	21° 6	17° 0	15°39	22°51	8°25	5°40	14°44	28°14	7°41	0°22	28°52	22° 0	0° 7	F 13
S 14	2 6 8	29°46'53	2♈56	16°43	16°37	23°33	8°22	5°36	14°47	28°13	7°40	0°R23	28°48	22° 7	0°14	S 14
S 15	2 10 5	0♏46'52	14°51	16°16	17°35	24°14	8°20	5°33	14°51	28°11	7°40	0°22	28°45	22°13	0°21	S 15
M16	2 14 2	1°46'53	26°53	15°40	18°32	24°56	8°18	5°29	14°55	28°10	7°39	0°19	28°42	22°20	0°28	M16
T 17	2 17 58	2°46'56	9♉ 6	14°54	19°29	25°38	8°16	5°25	14°58	28° 8	7°39	0°15	28°39	22°27	0°35	T 17
W18	2 21 55	3°47'01	21°29	14° 0	20°25	26°20	8°15	5°22	15° 2	28° 7	7°38	0° 9	28°36	22°33	0°42	W18
T 19	2 25 51	4°47'08	4♊ 4	12°57	21°21	27° 2	8°13	5°18	15° 6	28° 5	7°37	0° 3	28°32	22°40	0°49	T 19
F 20	2 29 48	5°47'17	16°52	11°47	22°16	27°44	8°12	5°14	15° 9	28° 4	7°37	29♓57	28°29	22°47	0°56	F 20
S 21	2 33 44	6°47'28	29°52	10°32	23°10	28°26	8°11	5°10	15°13	28° 2	7°36	29°52	28°26	22°53	1° 3	S 21
S 22	2 37 41	7°47'41	13♋ 6	9°14	24° 4	29° 8	8°10	5° 6	15°17	28° 1	7°36	29°47	28°23	23° 0	1°10	S 22
M23	2 41 37	8°47'56	26°35	7°55	24°58	29°50	8°10	5° 2	15°21	27°59	7°35	29°45	28°20	23° 7	1°17	M23
T 24	2 45 34	9°48'13	10♌18	6°37	25°50	0♒33	8°10	4°58	15°24	27°58	7°35	29°D44	28°17	23°13	1°24	T 24
W25	2 49 31	10°48'32	24°17	5°24	26°43	1°15	8°D 9	4°53	15°28	27°56	7°34	29°45	28°13	23°20	1°31	W25
T 26	2 53 27	11°48'53	8♍31	4°17	27°34	1°58	8°10	4°49	15°32	27°54	7°34	29°46	28°10	23°27	1°38	T 26
F 27	2 57 24	12°49'16	22°59	3°18	28°25	2°40	8°10	4°45	15°35	27°53	7°33	29°R47	28° 7	23°33	1°46	F 27
S 28	3 1 20	13°49'40	7♎37	2°30	29°15	3°23	8°10	4°40	15°39	27°51	7°33	29°47	28° 4	23°40	1°53	S 28
S 29	3 5 17	14°50'07	22°21	1°53	0♑ 4	4° 6	8°11	4°36	15°43	27°50	7°33	29°45	28° 1	23°46	2° 0	S 29
M30	3 9 13	15°50'36	7♏ 4	1°27	0°52	4°49	8°12	4°31	15°47	27°48	7°32	29°41	27°57	23°53	2° 7	M30
T 31	3 13 10	16♏51'06	21♏38	1♏13	1♑40	5♒32	8♓13	4♊27	15♏50	27♉46	7♓32	29♓35	27♓54	24♓ 0	2♐15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s38	6s38	1s14	18s 8	2s57	24s 8	3s17	25s10	2s29	9s33	1s30	19n24	2s 2	15s47	0n20	18n11	1s45	21s54	14s21	0n12	0s12	4s26	16s 7	3n56
M 2	7 1	13 27	2 31	18 28	3 1	24 23	3 20	25 4	2 28	9 35	1 30	19 24	2 2	15 48	0 20	18 10	1 45	21 54	14 21	0 11	0 13	4 22	16 8	3 56
T 3	7 23	19 24	3 36	18 47	3 4	24 38	3 23	24 58	2 27	9 36	1 29	19 23	2 2	15 49	0 20	18 10	1 45	21 54	14 20	0 10	0 15	4 19	16 10	3 55
W 4	7 46	24 6	4 27	19 3	3 6	24 52	3 26	24 51	2 25	9 38	1 29	19 23	2 2	15 50	0 20	18 10	1 45	21 54	14 20	0 9	0 16	4 16	16 11	3 55
T 5	8 9	27 14	4 59	19 17	3 7	25 5	3 29	24 45	2 24	9 39	1 29	19 22	2 2	15 51	0 19	18 9	1 45	21 54	14 20	0 8	0 17	4 12	16 12	3 55
F 6	8 31	28 39	5 14	19 29	3 8	25 18	3 32	24 38	2 22	9 40	1 29	19 22	2 2	15 52	0 19	18 9	1 45	21 54	14 20	0 7	0 18	4 9	16 14	3 55
S 7	8 53	28 25	5 12	19 39	3 8	25 30	3 35	24 31	2 21	9 42	1 29	19 21	2 2	15 53	0 19	18 9	1 45	21 55	14 20	0 7	0 20	4 5	16 15	3 55
S 8	9 15	26 41	4 55	19 46	3 7	25 42	3 38	24 24	2 20	9 43	1 29	19 20	2 2	15 54	0 19	18 8	1 45	21 55	14 19	0 6	0 21	4 2	16 17	3 55
M 9	9 37	23 41	4 24	19 51	3 5	25 53	3 40	24 16	2 18	9 44	1 28	19 20	2 2	15 55	0 19	18 8	1 45	21 55	14 19	0 6	0 22	3 58	16 18	3 55
T 10	9 59	19 44	3 42	19 52	3 2	26 4	3 43	24 9	2 17	9 45	1 28	19 19	2 3	15 56	0 19	18 8	1 45	21 55	14 19	0 7	0 24	3 55	16 19	3 55
W11	10 21	15 3	2 51	19 50	2 58	26 13	3 45	24 1	2 16	9 46	1 28	19 19	2 3	15 57	0 19	18 7	1 45	21 55	14 19	0 8	0 25	3 52	16 21	3 55
T 12	10 43	9 51	1 53	19 45	2 52	26 23	3 47	23 53	2 14	9 47	1 28	19 18	2 3	15 58	0 19	18 7	1 45	21 55	14 18	0 8	0 26	3 48	16 22	3 55
F 13	11 4	4 19	0 51	19 35	2 45	26 32	3 49	23 44	2 13	9 47	1 28	19 17	2 3	15 59	0 19	18 7	1 45	21 55	14 18	0 9	0 27	3 45	16 24	3 55
S 14	11 25	1n23	0n14	19 22	2 36	26 40	3 51	23 36	2 11	9 48	1 27	19 17	2 3	16 0	0 19	18 6	1 45	21 55	14 18	0 9	0 29	3 41	16 25	3 55
S 15	11 46	7 4	1 19	19 4	2 26	26 47	3 53	23 27	2 10	9 49	1 27	19 16	2 3	16 1	0 19	18 6	1 45	21 55	14 18	0 9	0 30	3 38	16 26	3 55
M16	12 7	12 34	2 20	18 42	2 14	26 54	3 55	23 18	2 9	9 49	1 27	19 15	2 3	16 3	0 19	18 6	1 45	21 55	14 17	0 8	0 31	3 34	16 28	3 55
T 17	12 28	17 39	3 16	18 16	2 0	27 1	3 57	23 9	2 7	9 50	1 27	19 15	2 3	16 4	0 19	18 5	1 45	21 55	14 17	0 6	0 32	3 31	16 29	3 55
W18	12 49	22 6	4 3	17 44	1 44	27 6	3 58	23 0	2 6	9 50	1 27	19 14	2 3	16 5	0 19	18 5	1 45	21 55	14 17	0 4	0 34	3 28	16 31	3 55
T 19	13 9	25 36	4 40	17 9	1 27	27 12	3 59	22 50	2 5	9 50	1 26	19 13	2 3	16 6	0 19	18 5	1 45	21 55	14 17	0 1	0 35	3 24	16 32	3 55
F 20	13 29	27 52	5 3	16 30	1 9	27 16	4 0	22 41	2 3	9 51	1 26	19 12	2 3	16 7	0 19	18 4	1 45	21 55	14 16	0s 1	0 36	3 21	16 33	3 55
S 21	13 49	28 41	5 11	15 48	0 49	27 20	4 1	22 31	2 2	9 51	1 26	19 12	2 3	16 8	0 19	18 4	1 45	21 55	14 16	0 3	0 37	3 17	16 35	3 55
S 22	14 9	27 52	5 3	15 4	0 29	27 24	4 2	22 21	2 0	9 51	1 26	19 11	2 3	16 9	0 19	18 4	1 45	21 55	14 16	0 5	0 39	3 14	16 36	3 55
M23	14 28	25 26	4 38	14 19	0 8	27 26	4 2	22 10	1 59	9 51	1 25	19 10	2 3	16 10	0 19	18 3	1 45	21 55	14 16	0 6	0 40	3 10	16 37	3 55
T 24	14 47	21 30	3 57	13 34	0n12	27 29	4 3	22 0	1 58	9 51	1 25	19 9	2 3	16 11	0 19	18 3	1 45	21 55	14 15	0 6	0 41	3 7	16 39	3 56
W25	15 6	16 18	3 1	12 51	0 32	27 30	4 3	21 49	1 56	9 51	1 25	19 9	2 3	16 12	0 19	18 2	1 45	21 55	14 15	0 6	0 43	3 3	16 40	3 56
T 26	15 25	10 8	1 53	12 10	0 51	27 32	4 3	21 38	1 55	9 50	1 25	19 8	2 3	16 13	0 19	18 2	1 45	21 55	14 15	0 6	0 44	3 0	16 42	3 56
F 27	15 44	3 21	0 37	11 34	1 9	27 32	4 3	21 27	1 54	9 50	1 25	19 7	2 3	16 15	0 19	18 2	1 45	21 55	14 15	0 5	0 45	2 57	16 43	3 56
S 28	16 2	3s41	0s42	11 3	1 25	27 32	4 2	21 16	1 52	9 50	1 24	19 6	2 3	16 16	0 19	18 1	1 45	21 55	14 14	0 5	0 46	2 53	16 44	3 56
S 29	16 20	10 34	1 59	10 37	1 39	27 32	4 2	21 4	1 51	9 49	1 24	19 5	2 3	16 17	0 19	18 1	1 45	21 54	14 14	0 6	0 48	2 50	16 46	3 56
M30	16 37	16 51	3 8	10 16	1 51	27 31	4 1	20 53	1 50	9 49	1 24	19 4	2 3	16 18	0 19	18 1	1 45	21 54	14 14	0 8	0 49	2 46	16 47	3 56
T 31	16s55	22s 8	4s 3	10s 2	2n 1	27s29	4s 0	20s41	1s48	9s48	1s24	19n 4	2s 3	16s19	0n19	18n 0	1s45	21s54	14s13	0s10	0s50	2s43	16s48	3n56

Julian Day Number = 2290755.5, Delta T = 159.14 sec
Ecliptic obliquity = 23°29'57, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'49, Lahiri = 17°42'49 Julian Calendar 1 Oct. 1559 == Greg. Calendar 11 Oct. 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

NOVEMBER 1559 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 17 6	17♏51'38	5♐57	1°D10	2♑27	6♒15	8♓14	4°R22	15♏54	27°R45	7°R32	29°R27	27♓51	24♓ 6	2♐22	W 1
T 2	3 21 3	18°52'11	19°55	1♏19	3°12	6°58	8°16	4♊18	15°58	27♉43	7♓32	29♓18	27°48	24°13	2°29	T 2
F 3	3 25 0	19°52'46	3♑28	1°37	3°57	7°41	8°18	4°13	16° 2	27°41	7°31	29°10	27°45	24°20	2°37	F 3
S 4	3 28 56	20°53'22	16°36	2° 5	4°41	8°24	8°20	4° 8	16° 5	27°40	7°31	29° 3	27°42	24°26	2°44	S 4
S 5	3 32 53	21°54'00	29°19	2°42	5°24	9° 7	8°22	4° 3	16° 9	27°38	7°31	28°58	27°38	24°33	2°51	S 5
M 6	3 36 49	22°54'38	11♒42	3°26	6° 6	9°51	8°24	3°59	16°13	27°36	7°31	28°55	27°35	24°40	2°59	M 6
T 7	3 40 46	23°55'18	23°47	4°17	6°46	10°34	8°27	3°54	16°16	27°34	7°31	28°D55	27°32	24°46	3° 6	T 7
W 8	3 44 42	24°55'59	5♓42	5°13	7°26	11°17	8°29	3°49	16°20	27°33	7°31	28°55	27°29	24°53	3°14	W 8
T 9	3 48 39	25°56'41	17°30	6°15	8° 4	12° 1	8°32	3°44	16°24	27°31	7°30	28°56	27°26	25° 0	3°21	T 9
F 10	3 52 36	26°57'24	29°17	7°21	8°41	12°44	8°35	3°39	16°28	27°29	7°30	28°R57	27°23	25° 6	3°28	F 10
S 11	3 56 32	27°58'08	11♈ 9	8°32	9°17	13°28	8°39	3°34	16°31	27°28	7°30	28°56	27°19	25°13	3°36	S 11
S 12	4 0 29	28°58'53	23° 9	9°45	9°51	14°11	8°42	3°29	16°35	27°26	7°D30	28°53	27°16	25°19	3°43	S 12
M13	4 4 25	29°59'39	5♉21	11° 1	10°24	14°55	8°46	3°24	16°39	27°24	7°30	28°47	27°13	25°26	3°51	M13
T 14	4 8 22	1♐ 0'27	17°47	12°20	10°55	15°38	8°50	3°20	16°42	27°23	7°30	28°39	27°10	25°33	3°58	T 14
W15	4 12 18	2° 1'15	0♊28	13°41	11°25	16°22	8°54	3°15	16°46	27°21	7°30	28°29	27° 7	25°39	4° 5	W15
T 16	4 16 15	3° 2'05	13°24	15° 4	11°53	17° 5	8°58	3°10	16°49	27°19	7°31	28°17	27° 3	25°46	4°13	T 16
F 17	4 20 11	4° 2'57	26°34	16°28	12°20	17°49	9° 3	3° 5	16°53	27°18	7°31	28° 5	27° 0	25°53	4°20	F 17
S 18	4 24 8	5° 3'49	9♋57	17°53	12°44	18°33	9° 7	3° 0	16°57	27°16	7°31	27°54	26°57	25°59	4°28	S 18
S 19	4 28 5	6° 4'43	23°30	19°20	13° 7	19°17	9°12	2°55	17° 0	27°14	7°31	27°45	26°54	26° 6	4°35	S 19
M20	4 32 1	7° 5'37	7♌13	20°47	13°28	20° 0	9°17	2°50	17° 4	27°13	7°31	27°39	26°51	26°13	4°43	M20
T 21	4 35 58	8° 6'34	21° 2	22°15	13°47	20°44	9°22	2°45	17° 7	27°11	7°31	27°36	26°48	26°19	4°50	T 21
W22	4 39 54	9° 7'31	4♍59	23°44	14° 5	21°28	9°28	2°40	17°11	27° 9	7°32	27°D34	26°44	26°26	4°57	W22
T 23	4 43 51	10° 8'29	19° 3	25°14	14°20	22°12	9°33	2°35	17°14	27° 8	7°32	27°35	26°41	26°33	5° 5	T 23
F 24	4 47 47	11° 9'29	3♎12	26°44	14°33	22°56	9°39	2°30	17°18	27° 6	7°32	27°R35	26°38	26°39	5°12	F 24
S 25	4 51 44	12°10'30	17°26	28°14	14°44	23°40	9°45	2°25	17°21	27° 4	7°32	27°33	26°35	26°46	5°20	S 25
S 26	4 55 40	13°11'32	1♏43	29°45	14°52	24°24	9°51	2°21	17°25	27° 3	7°33	27°29	26°32	26°53	5°27	S 26
M27	4 59 37	14°12'36	15°59	1♐16	14°58	25° 7	9°57	2°16	17°28	27° 1	7°33	27°23	26°29	26°59	5°34	M27
T 28	5 3 34	15°13'40	0♐10	2°47	15° 2	25°51	10° 4	2°11	17°32	26°59	7°34	27°13	26°25	27° 6	5°42	T 28
W29	5 7 30	16°14'45	14°10	4°19	15°R 4	26°35	10°10	2° 6	17°35	26°58	7°34	27° 1	26°22	27°12	5°49	W29
T 30	5 11 27	17♐15'51	27♐55	5♐51	15♑ 3	27♒19	10♓17	2♊ 2	17♏39	26♉56	7♓34	26♓48	26♓19	27♓19	5♐56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s12	25s59	4s42	9s53	2n 9	27s27	3s58	20s29	1s47	9s47	1s23	19n 3	2s 3	16s20	0n19	18n 0	1s45	21s54	14s13	0s13	0s51	2s39	16s50	3n56	W 1
T 2	17 29	28 9	5 3	9 50	2 16	27 24	3 57	20 17	1 45	9 47	1 23	19 2	2 3	16 21	0 19	17 59	1 45	21 54	14 13	0 17	0 53	2 36	16 51	3 56	T 2
F 3	17 45	28 33	5 6	9 52	2 21	27 21	3 55	20 4	1 44	9 46	1 23	19 1	2 3	16 22	0 19	17 59	1 45	21 54	14 13	0 20	0 54	2 32	16 52	3 56	F 3
S 4	18 1	27 19	4 53	9 59	2 24	27 18	3 53	19 52	1 43	9 45	1 23	19 0	2 3	16 23	0 19	17 59	1 45	21 53	14 12	0 23	0 55	2 29	16 53	3 56	S 4
S 5	18 17	24 40	4 26	10 10	2 25	27 14	3 51	19 39	1 41	9 44	1 22	18 59	2 3	16 24	0 19	17 58	1 45	21 53	14 12	0 25	0 56	2 26	16 55	3 57	S 5
M 6	18 33	20 56	3 46	10 24	2 26	27 9	3 48	19 26	1 40	9 43	1 22	18 59	2 3	16 25	0 19	17 58	1 45	21 53	14 12	0 26	0 58	2 22	16 56	3 57	M 6
T 7	18 48	16 25	2 57	10 42	2 25	27 4	3 45	19 13	1 39	9 41	1 22	18 58	2 3	16 26	0 19	17 58	1 45	21 53	14 11	0 26	0 59	2 19	16 57	3 57	T 7
W 8	19 3	11 20	2 2	11 2	2 23	26 59	3 42	19 0	1 37	9 40	1 22	18 57	2 3	16 28	0 19	17 57	1 45	21 53	14 11	0 26	1 0	2 15	16 59	3 57	W 8
T 9	19 17	5 53	1 1	11 25	2 21	26 53	3 38	18 46	1 36	9 39	1 21	18 56	2 3	16 29	0 19	17 57	1 45	21 52	14 11	0 25	1 1	2 12	17 0	3 57	T 9
F 10	19 32	0 15	0n 2	11 50	2 18	26 47	3 35	18 33	1 35	9 37	1 21	18 55	2 3	16 30	0 19	17 56	1 45	21 52	14 10	0 25	1 3	2 8	17 1	3 57	F 10
S 11	19 45	5n25	1 5	12 16	2 13	26 40	3 31	18 19	1 33	9 36	1 21	18 54	2 3	16 31	0 19	17 56	1 45	21 52	14 10	0 26	1 4	2 5	17 2	3 57	S 11
S 12	19 59	10 58	2 6	12 44	2 9	26 33	3 26	18 5	1 32	9 34	1 21	18 53	2 3	16 32	0 19	17 56	1 45	21 52	14 10	0 27	1 5	2 1	17 4	3 58	S 12
M13	20 12	16 11	3 2	13 13	2 4	26 26	3 21	17 51	1 31	9 33	1 21	18 52	2 3	16 33	0 19	17 55	1 45	21 51	14 10	0 29	1 7	1 58	17 5	3 58	M13
T 14	20 25	20 51	3 50	13 42	1 58	26 18	3 16	17 37	1 29	9 31	1 20	18 52	2 3	16 34	0 19	17 55	1 45	21 51	14 9	0 32	1 8	1 54	17 6	3 58	T 14
W15	20 37	24 40	4 28	14 12	1 52	26 10	3 11	17 22	1 28	9 29	1 20	18 51	2 3	16 35	0 19	17 55	1 45	21 51	14 9	0 36	1 9	1 51	17 7	3 58	W15
T 16	20 49	27 18	4 53	14 42	1 46	26 2	3 5	17 8	1 27	9 28	1 20	18 50	2 3	16 36	0 19	17 54	1 45	21 50	14 9	0 41	1 10	1 48	17 8	3 58	T 16
F 17	21 1	28 30	5 2	15 13	1 40	25 53	2 58	16 53	1 25	9 26	1 20	18 49	2 3	16 37	0 19	17 54	1 45	21 50	14 8	0 46	1 12	1 44	17 9	3 58	F 17
S 18	21 12	28 3	4 56	15 43	1 33	25 44	2 52	16 38	1 24	9 24	1 19	18 48	2 3	16 38	0 19	17 53	1 45	21 50	14 8	0 50	1 13	1 41	17 11	3 59	S 18
S 19	21 23	25 56	4 33	16 13	1 26	25 35	2 45	16 23	1 23	9 22	1 19	18 47	2 3	16 39	0 19	17 53	1 45	21 49	14 8	0 54	1 14	1 37	17 12	3 59	S 19
M20	21 33	22 17	3 54	16 43	1 19	25 25	2 37	16 8	1 21	9 20	1 19	18 46	2 3	16 40	0 19	17 53	1 45	21 49	14 7	0 56	1 15	1 34	17 13	3 59	M20
T 21	21 43	17 23	3 1	17 13	1 12	25 16	2 29	15 53	1 20	9 17	1 19	18 46	2 2	16 41	0 19	17 52	1 45	21 49	14 7	0 58	1 17	1 30	17 14	3 59	T 21
W22	21 52	11 31	1 57	17 42	1 5	25 5	2 21	15 38	1 19	9 15	1 19	18 45	2 2	16 42	0 19	17 52	1 45	21 48	14 7	0 58	1 18	1 27	17 15	3 59	W22
T 23	22 2	5 2	0 45	18 11	0 58	24 55	2 12	15 22	1 18	9 13	1 18	18 44	2 2	16 43	0 19	17 52	1 45	21 48	14 6	0 58	1 19	1 23	17 16	4 0	T 23
F 24	22 10	1s44	0s30	18 39	0 50	24 45	2 3	15 7	1 16	9 10	1 18	18 43	2 2	16 44	0 19	17 51	1 45	21 47	14 6	0 58	1 20	1 20	17 17	4 0	F 24
S 25	22 19	8 27	1 43	19 7	0 43	24 34	1 54	14 51	1 15	9 8	1 18	18 42	2 2	16 45	0 19	17 51	1 45	21 47	14 6	0 59	1 22	1 16	17 18	4 0	S 25
S 26	22 26	14 46	2 50	19 34	0 36	24 23	1 43	14 35	1 14	9 6	1 18	18 41	2 2	16 46	0 19	17 51	1 45	21 47	14 6	1 0	1 23	1 13	17 19	4 0	S 26
M27	22 34	20 16	3 46	20 0	0 29	24 12	1 33	14 19	1 13	9 3	1 17	18 41	2 2	16 47	0 19	17 50	1 45	21 46	14 5	1 3	1 24	1 10	17 20	4 0	M27
T 28	22 41	24 36	4 28	20 25	0 21	24 0	1 22	14 3	1 11	9 0	1 17	18 40	2 2	16 48	0 19	17 50	1 45	21 46	14 5	1 7	1 26	1 6	17 21	4 1	T 28
W29	22 47	27 24	4 53	20 50	0 14	23 49	1 10	13 47	1 10	8 58	1 17	18 39	2 1	16 49	0 19	17 50	1 45	21 45	14 5	1 11	1 27	1 3	17 22	4 1	W29
T 30	22s53	28s29	5s 0	21s13	0n 7	23s37	0s58	13s30	1s 9	8s55	1s17	18n38	2s 1	16s50	0n19	17n49	1s45	21s45	14s 4	1s17	1s28	0s59	17s23	4n 1	T 30

Julian Day Number = 2290786.5, Delta T = 158.97 sec
Ecliptic obliquity = 23°29'56, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'53, Lahiri = 17°42'54 Julian Calendar 1 Nov. 1559 == Greg. Calendar 11 Nov. 1559

ASTRODIENST EPHEMERIS for the year 1559
geocentric

DECEMBER 1559 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 15 23	18♐16'57	11♑20	7♐23	15°R 0	28♒ 3	10♓24	1°R57	17♏42	26°R55	7♓35	26°R35	26♓16	27♓26	6♐ 4	F 1
S 2	5 19 20	19°18'04	24°24	8°55	14♑54	28°47	10°31	1♊52	17°45	26♉53	7°35	26♓24	26°13	27°32	6°11	S 2
S 3	5 23 16	20°19'11	7♒ 7	10°27	14°46	29°31	10°38	1°48	17°49	26°52	7°36	26°15	26° 9	27°39	6°18	S 3
M 4	5 27 13	21°20'19	19°29	12° 0	14°35	0♓15	10°46	1°43	17°52	26°50	7°36	26° 9	26° 6	27°46	6°25	M 4
T 5	5 31 9	22°21'27	1♓36	13°33	14°22	1° 0	10°53	1°39	17°55	26°49	7°37	26° 5	26° 3	27°52	6°33	T 5
W 6	5 35 6	23°22'35	13°31	15° 6	14° 6	1°44	11° 1	1°34	17°58	26°47	7°38	26° 4	26° 0	27°59	6°40	W 6
T 7	5 39 3	24°23'43	25°19	16°39	13°48	2°28	11° 9	1°30	18° 2	26°46	7°38	26° 4	25°57	28° 6	6°47	T 7
F 8	5 42 59	25°24'52	7♈ 7	18°12	13°27	3°12	11°17	1°26	18° 5	26°44	7°39	26° 4	25°54	28°12	6°54	F 8
S 9	5 46 56	26°26'00	19° 0	19°46	13° 5	3°56	11°25	1°22	18° 8	26°43	7°39	26° 2	25°50	28°19	7° 1	S 9
S 10	5 50 52	27°27'09	1♉ 2	21°19	12°40	4°40	11°34	1°17	18°11	26°41	7°40	25°59	25°47	28°26	7° 8	S 10
M11	5 54 49	28°28'18	13°19	22°53	12°13	5°24	11°42	1°13	18°14	26°40	7°41	25°52	25°44	28°32	7°15	M11
T 12	5 58 45	29°29'26	25°54	24°28	11°44	6° 8	11°51	1° 9	18°17	26°39	7°41	25°43	25°41	28°39	7°23	T 12
W13	6 2 42	0♑30'35	8♊49	26° 2	11°13	6°52	11°59	1° 5	18°20	26°37	7°42	25°32	25°38	28°46	7°30	W13
T 14	6 6 38	1°31'45	22° 5	27°37	10°41	7°36	12° 8	1° 1	18°23	26°36	7°43	25°19	25°35	28°52	7°37	T 14
F 15	6 10 35	2°32'54	5♋38	29°12	10° 7	8°20	12°17	0°57	18°26	26°35	7°44	25° 6	25°31	28°59	7°43	F 15
S 16	6 14 32	3°34'03	19°27	0♑47	9°32	9° 4	12°27	0°54	18°29	26°33	7°45	24°53	25°28	29° 5	7°50	S 16
S 17	6 18 28	4°35'13	3♌28	2°23	8°57	9°48	12°36	0°50	18°32	26°32	7°45	24°43	25°25	29°12	7°57	S 17
M18	6 22 25	5°36'22	17°35	3°59	8°20	10°32	12°45	0°46	18°35	26°31	7°46	24°36	25°22	29°19	8° 4	M18
T 19	6 26 21	6°37'32	1♍45	5°36	7°44	11°16	12°55	0°43	18°37	26°30	7°47	24°32	25°19	29°25	8°11	T 19
W20	6 30 18	7°38'42	15°54	7°12	7° 7	12° 0	13° 5	0°39	18°40	26°28	7°48	24°30	25°15	29°32	8°18	W20
T 21	6 34 14	8°39'52	0♎ 2	8°50	6°30	12°44	13°14	0°36	18°43	26°27	7°49	24°D30	25°12	29°39	8°24	T 21
F 22	6 38 11	9°41'02	14° 6	10°27	5°54	13°28	13°24	0°33	18°46	26°26	7°50	24°R30	25° 9	29°45	8°31	F 22
S 23	6 42 8	10°42'12	28° 7	12° 5	5°18	14°12	13°34	0°30	18°48	26°25	7°51	24°29	25° 6	29°52	8°38	S 23
S 24	6 46 4	11°43'23	12♏ 3	13°44	4°44	14°56	13°45	0°27	18°51	26°24	7°52	24°26	25° 3	29°59	8°44	S 24
M25	6 50 1	12°44'34	25°54	15°22	4°10	15°40	13°55	0°24	18°54	26°23	7°53	24°19	25° 0	0♈ 5	8°51	M25
T 26	6 53 57	13°45'45	9♐37	17° 2	3°38	16°24	14° 5	0°21	18°56	26°22	7°54	24°10	24°56	0°12	8°57	T 26
W27	6 57 54	14°46'55	23°10	18°41	3° 7	17° 8	14°16	0°18	18°59	26°21	7°55	23°59	24°53	0°19	9° 4	W27
T 28	7 1 50	15°48'06	6♑31	20°21	2°38	17°52	14°27	0°15	19° 1	26°20	7°56	23°47	24°50	0°25	9°10	T 28
F 29	7 5 47	16°49'16	19°38	22° 2	2°11	18°36	14°37	0°13	19° 3	26°19	7°57	23°35	24°47	0°32	9°17	F 29
S 30	7 9 43	17°50'25	2♒28	23°43	1°46	19°20	14°48	0°10	19° 6	26°18	7°58	23°24	24°44	0°39	9°23	S 30
S 31	7 13 40	18♑51'34	15♒ 2	25♑24	1♑23	20♓ 4	14♓59	0♊ 8	19♏ 8	26♉17	7♓59	23♓15	24♓41	0♈45	9♐29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s59	27s50	4s51	21s36	0s 0	23s25	0s46	13s14	1s 7	8s52	1s17	18n37	2s 1	16s51	0n19	17n49	1s45	21s44	14s 4	1s22	1s29	0s56	17s24	4n 1
S 2	23 4	25 39	4 26	21 57	0 7	23 13	0 33	12 57	1 6	8 49	1 16	18 37	2 1	16 52	0 19	17 49	1 45	21 44	14 4	1 26	1 31	0 52	17 25	4 2
S 3	23 9	22 13	3 48	22 18	0 14	23 1	0 20	12 41	1 5	8 46	1 16	18 36	2 1	16 53	0 19	17 48	1 45	21 43	14 3	1 30	1 32	0 49	17 26	4 2
M 4	23 13	17 52	3 1	22 38	0 21	22 48	0 6	12 24	1 4	8 43	1 16	18 35	2 1	16 54	0 19	17 48	1 45	21 43	14 3	1 32	1 33	0 45	17 27	4 2
T 5	23 17	12 53	2 6	22 56	0 27	22 36	0n 8	12 7	1 3	8 40	1 16	18 34	2 1	16 54	0 19	17 48	1 45	21 43	14 3	1 34	1 34	0 42	17 28	4 3
W 6	23 20	7 31	1 6	23 13	0 34	22 23	0 22	11 50	1 1	8 37	1 16	18 34	2 0	16 55	0 19	17 47	1 45	21 42	14 3	1 34	1 36	0 38	17 29	4 3
T 7	23 23	1 55	0 4	23 30	0 40	22 11	0 37	11 33	1 0	8 34	1 15	18 33	2 0	16 56	0 19	17 47	1 45	21 42	14 2	1 34	1 37	0 35	17 30	4 3
F 8	23 25	3n43	0n58	23 45	0 46	21 58	0 52	11 16	0 59	8 30	1 15	18 32	2 0	16 57	0 19	17 47	1 45	21 41	14 2	1 34	1 38	0 31	17 31	4 3
S 9	23 27	9 17	1 58	23 59	0 53	21 45	1 7	10 59	0 58	8 27	1 15	18 32	2 0	16 58	0 19	17 46	1 45	21 41	14 2	1 35	1 39	0 28	17 32	4 4
S 10	23 28	14 34	2 54	24 11	0 58	21 32	1 22	10 42	0 56	8 24	1 15	18 31	2 0	16 59	0 19	17 46	1 45	21 40	14 1	1 36	1 41	0 25	17 33	4 4
M11	23 29	19 24	3 42	24 23	1 4	21 19	1 38	10 25	0 55	8 20	1 15	18 30	1 59	17 0	0 19	17 46	1 45	21 39	14 1	1 39	1 42	0 21	17 33	4 4
T 12	23 30	23 30	4 21	24 33	1 10	21 6	1 53	10 7	0 54	8 17	1 14	18 30	1 59	17 1	0 19	17 46	1 45	21 39	14 1	1 42	1 43	0 18	17 34	4 5
W13	23 30	26 34	4 48	24 41	1 15	20 53	2 9	9 50	0 53	8 13	1 14	18 29	1 59	17 1	0 19	17 45	1 44	21 38	14 1	1 47	1 44	0 14	17 35	4 5
T 14	23 29	28 15	5 0	24 49	1 20	20 40	2 25	9 32	0 52	8 10	1 14	18 29	1 59	17 2	0 19	17 45	1 44	21 38	14 0	1 52	1 46	0 11	17 36	4 5
F 15	23 28	28 18	4 55	24 55	1 25	20 27	2 40	9 15	0 51	8 6	1 14	18 28	1 59	17 3	0 19	17 45	1 44	21 37	14 0	1 57	1 47	0 7	17 37	4 6
S 16	23 27	26 36	4 33	25 0	1 30	20 14	2 56	8 57	0 49	8 2	1 14	18 27	1 58	17 4	0 19	17 44	1 44	21 37	14 0	2 2	1 48	0 4	17 37	4 6
S 17	23 25	23 14	3 55	25 3	1 34	20 1	3 11	8 39	0 48	7 59	1 13	18 27	1 58	17 5	0 19	17 44	1 44	21 36	13 59	2 6	1 50	0 0	17 38	4 6
M18	23 23	18 29	3 2	25 5	1 39	19 49	3 26	8 22	0 47	7 55	1 13	18 26	1 58	17 5	0 19	17 44	1 44	21 36	13 59	2 9	1 51	0n 3	17 39	4 7
T 19	23 20	12 42	1 57	25 5	1 43	19 36	3 40	8 4	0 46	7 51	1 13	18 26	1 58	17 6	0 19	17 44	1 44	21 35	13 59	2 11	1 52	0 7	17 40	4 7
W20	23 17	6 16	0 45	25 4	1 46	19 24	3 55	7 46	0 45	7 47	1 13	18 25	1 58	17 7	0 19	17 44	1 44	21 34	13 59	2 11	1 53	0 10	17 40	4 7
T 21	23 13	0s28	0s29	25 2	1 50	19 12	4 8	7 28	0 44	7 43	1 13	18 25	1 57	17 8	0 19	17 43	1 44	21 34	13 58	2 11	1 55	0 13	17 41	4 8
F 22	23 9	7 8	1 42	24 58	1 53	19 1	4 21	7 10	0 43	7 39	1 13	18 24	1 57	17 8	0 19	17 43	1 44	21 33	13 58	2 11	1 56	0 17	17 42	4 8
S 23	23 4	13 27	2 48	24 52	1 56	18 50	4 34	6 52	0 41	7 35	1 12	18 24	1 57	17 9	0 19	17 43	1 44	21 33	13 58	2 12	1 57	0 20	17 42	4 9
S 24	22 59	19 2	3 44	24 45	1 58	18 39	4 46	6 34	0 40	7 31	1 12	18 24	1 57	17 10	0 19	17 43	1 44	21 32	13 58	2 13	1 58	0 24	17 43	4 9
M25	22 53	23 35	4 26	24 36	2 1	18 29	4 57	6 16	0 39	7 27	1 12	18 23	1 56	17 11	0 19	17 42	1 44	21 31	13 57	2 16	2 0	0 27	17 43	4 9
T 26	22 47	26 46	4 52	24 26	2 2	18 20	5 7	5 58	0 38	7 23	1 12	18 23	1 56	17 11	0 19	17 42	1 44	21 31	13 57	2 19	2 1	0 31	17 44	4 10
W27	22 41	28 21	5 2	24 14	2 4	18 10	5 17	5 40	0 37	7 19	1 12	18 22	1 56	17 12	0 19	17 42	1 44	21 30	13 57	2 24	2 2	0 34	17 45	4 10
T 28	22 34	28 15	4 55	24 1	2 5	18 2	5 26	5 21	0 36	7 14	1 12	18 22	1 56	17 13	0 19	17 42	1 44	21 30	13 57	2 28	2 3	0 38	17 45	4 11
F 29	22 26	26 32	4 32	23 46	2 6	17 54	5 35	5 3	0 35	7 10	1 11	18 22	1 56	17 13	0 19	17 42	1 44	21 29	13 56	2 33	2 5	0 41	17 46	4 11
S 30	22 18	23 29	3 55	23 29	2 6	17 47	5 43	4 45	0 34	7 6	1 11	18 21	1 55	17 14	0 19	17 42	1 44	21 28	13 56	2 38	2 6	0 45	17 46	4 11
S 31	22s10	19s22	3s 8	23s10	2s 6	17s40	5n50	4s27	0s33	7s 1	1s11	18n21	1s55	17s15	0n19	17n41	1s44	21s28	13s56	2s41	2s 7	0n48	17s47	4n12

Julian Day Number = 2290816.5, Delta T = 158.80 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°35'57, Lahiri = 17°42'58 Julian Calendar 1 Dec. 1559 == Greg. Calendar 11 Dec. 1559