Astrodienst Ephemeris Tables

for the year 1578

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 1578
geocentric

JANUARY 1578 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 20 8	20♑31'20	19♎58	6♑47	18♐36	2♐11	13♎ 4	15♑28	2♒17	7°R30	28♓39	5°R45	6♈27	13♈21	21♓50	W 1
T 2	7 24 4	21°32'27	4♏ 1	8°18	19°50	2°51	13° 7	15°35	2°20	7♋28	28°39	5♈45	6°24	13°28	21°52	T 2
F 3	7 28 1	22°33'33	18° 1	9°51	21° 5	3°32	13°10	15°42	2°24	7°26	28°40	5°42	6°21	13°35	21°54	F 3
S 4	7 31 57	23°34'39	1♐57	11°24	22°19	4°13	13°13	15°49	2°27	7°25	28°41	5°37	6°17	13°41	21°57	S 4
S 5	7 35 54	24°35'44	15°47	12°57	23°33	4°54	13°15	15°56	2°31	7°23	28°42	5°29	6°14	13°48	21°59	S 5
M 6	7 39 50	25°36'50	29°28	14°31	24°47	5°34	13°18	16° 3	2°34	7°22	28°42	5°19	6°11	13°54	22° 1	M 6
T 7	7 43 47	26°37'54	12♑59	16° 6	26° 1	6°15	13°20	16°10	2°38	7°20	28°43	5° 7	6° 8	14° 1	22° 4	T 7
W 8	7 47 44	27°38'58	26°15	17°41	27°15	6°56	13°22	16°17	2°41	7°18	28°44	4°55	6° 5	14° 8	22° 6	W 8
T 9	7 51 40	28°40'01	9♒15	19°17	28°30	7°37	13°24	16°24	2°45	7°17	28°45	4°43	6° 1	14°14	22° 9	T 9
F 10	7 55 37	29°41'03	21°59	20°53	29°44	8°17	13°25	16°31	2°48	7°15	28°46	4°34	5°58	14°21	22°11	F 10
S 11	7 59 33	0♒42'04	4♓25	22°30	0♑58	8°58	13°27	16°38	2°52	7°14	28°47	4°27	5°55	14°28	22°14	S 11
S 12	8 3 30	1°43'04	16°36	24° 8	2°12	9°39	13°28	16°45	2°55	7°12	28°47	4°23	5°52	14°34	22°16	S 12
M13	8 7 26	2°44'02	28°35	25°46	3°26	10°20	13°29	16°52	2°59	7°11	28°48	4°21	5°49	14°41	22°19	M13
T 14	8 11 23	3°45'00	10♈26	27°25	4°41	11° 1	13°30	16°59	3° 2	7° 9	28°49	4°D21	5°46	14°48	22°22	T 14
W15	8 15 19	4°45'56	22°13	29° 5	5°55	11°42	13°31	17° 5	3° 6	7° 8	28°50	4°22	5°42	14°54	22°24	W15
T 16	8 19 16	5°46'51	4♉ 2	0♒45	7° 9	12°22	13°31	17°12	3° 9	7° 6	28°51	4°R22	5°39	15° 1	22°27	T 16
F 17	8 23 13	6°47'45	15°59	2°26	8°24	13° 3	13°32	17°19	3°13	7° 5	28°52	4°22	5°36	15° 8	22°30	F 17
S 18	8 27 9	7°48'37	28° 8	4° 8	9°38	13°44	13°R32	17°26	3°16	7° 3	28°53	4°20	5°33	15°14	22°33	S 18
S 19	8 31 6	8°49'28	10♊35	5°51	10°52	14°25	13°32	17°33	3°20	7° 2	28°54	4°15	5°30	15°21	22°36	S 19
M20	8 35 2	9°50'18	23°23	7°34	12° 7	15° 6	13°31	17°39	3°23	7° 1	28°55	4° 8	5°27	15°28	22°39	M20
T 21	8 38 59	10°51'06	6♋34	9°18	13°21	15°47	13°31	17°46	3°27	6°59	28°56	4° 0	5°23	15°34	22°42	T 21
W22	8 42 55	11°51'52	20°10	11° 3	14°35	16°28	13°30	17°53	3°30	6°58	28°57	3°51	5°20	15°41	22°45	W22
T 23	8 46 52	12°52'38	4♌ 7	12°48	15°50	17° 9	13°30	18° 0	3°34	6°57	28°58	3°42	5°17	15°47	22°48	T 23
F 24	8 50 49	13°53'22	18°23	14°34	17° 4	17°50	13°29	18° 6	3°37	6°55	28°59	3°34	5°14	15°54	22°51	F 24
S 25	8 54 45	14°54'04	2♍51	16°22	18°18	18°31	13°27	18°13	3°41	6°54	29° 1	3°28	5°11	16° 1	22°54	S 25
S 26	8 58 42	15°54'45	17°25	18° 9	19°33	19°12	13°26	18°19	3°44	6°53	29° 2	3°25	5° 7	16° 7	22°57	S 26
M27	9 2 38	16°55'25	1♎59	19°58	20°47	19°53	13°24	18°26	3°48	6°52	29° 3	3°D24	5° 4	16°14	23° 0	M27
T 28	9 6 35	17°56'04	16°27	21°47	22° 1	20°35	13°23	18°32	3°51	6°50	29° 4	3°24	5° 1	16°21	23° 3	T 28
W29	9 10 31	18°56'42	0♏46	23°36	23°16	21°16	13°21	18°39	3°55	6°49	29° 5	3°26	4°58	16°27	23° 6	W29
T 30	9 14 28	19°57'19	14°54	25°27	24°30	21°57	13°19	18°45	3°58	6°48	29° 6	3°R27	4°55	16°34	23° 9	T 30
F 31	9 18 24	20♒57'54	28♏50	27♒17	25♑45	22♐38	13♎16	18♑52	4♒ 1	6♋47	29♓ 8	3♈26	4♈52	16♈41	23♓13	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	21s56	8s59	1s15	24s17	0s57	21s49	1n11	20s21	0n18	3s54	1n23	22s24	0n12	20s15	0s34	22n22	0s55	15s38	16s30	2n17	2n34	5n51	0n 1	3n33
T 2	21 46	15 9	2 24	24 17	1 3	21 58	1 9	20 30	0 17	3 55	1 23	22 23	0 12	20 14	0 34	22 22	0 55	15 38	16 30	2 17	2 33	5 55	0 1	3 32
F 3	21 36	20 30	3 24	24 17	1 9	22 6	1 6	20 38	0 16	3 56	1 23	22 23	0 12	20 14	0 34	22 23	0 55	15 37	16 30	2 16	2 31	5 58	0 2	3 32
S 4	21 26	24 43	4 12	24 15	1 15	22 13	1 3	20 47	0 16	3 57	1 23	22 22	0 12	20 13	0 34	22 23	0 55	15 37	16 29	2 14	2 30	6 1	0 3	3 32
S 5	21 15	27 27	4 44	24 11	1 20	22 20	1 0	20 55	0 15	3 58	1 24	22 21	0 12	20 12	0 34	22 23	0 55	15 36	16 29	2 11	2 29	6 5	0 3	3 32
M 6	21 4	28 30	5 0	24 7	1 25	22 26	0 58	21 3	0 14	3 58	1 24	22 20	0 12	20 11	0 34	22 23	0 55	15 35	16 29	2 7	2 28	6 8	0 4	3 32
T 7	20 53	27 49	4 59	24 0	1 30	22 31	0 55	21 11	0 14	3 59	1 24	22 19	0 12	20 11	0 34	22 23	0 55	15 35	16 28	2 2	2 26	6 12	0 5	3 31
W 8	20 41	25 33	4 42	23 53	1 34	22 36	0 52	21 18	0 13	3 59	1 24	22 19	0 11	20 10	0 34	22 23	0 55	15 34	16 28	1 57	2 25	6 15	0 5	3 31
T 9	20 29	21 59	4 10	23 44	1 39	22 40	0 49	21 26	0 12	4 0	1 25	22 18	0 11	20 9	0 34	22 23	0 55	15 34	16 28	1 53	2 24	6 18	0 6	3 31
F 10	20 16	17 27	3 26	23 33	1 42	22 43	0 47	21 33	0 12	4 0	1 25	22 17	0 11	20 8	0 34	22 23	0 55	15 33	16 27	1 49	2 23	6 22	0 7	3 31
S 11	20 3	12 17	2 33	23 22	1 46	22 46	0 44	21 40	0 11	4 1	1 25	22 16	0 11	20 7	0 34	22 23	0 55	15 32	16 27	1 46	2 21	6 25	0 8	3 30
S 12	19 50	6 44	1 33	23 8	1 50	22 48	0 41	21 47	0 10	4 1	1 26	22 16	0 11	20 7	0 34	22 24	0 55	15 32	16 27	1 45	2 20	6 29	0 9	3 30
M13	19 36	1 2	0 31	22 53	1 53	22 49	0 38	21 54	0 9	4 1	1 26	22 15	0 11	20 6	0 34	22 24	0 55	15 31	16 27	1 44	2 19	6 32	0 10	3 30
T 14	19 22	4n38	0n33	22 37	1 55	22 50	0 35	22 0	0 9	4 1	1 26	22 14	0 11	20 5	0 34	22 24	0 54	15 30	16 26	1 44	2 18	6 35	0 10	3 30
W15	19 7	10 8	1 34	22 19	1 58	22 50	0 32	22 7	0 8	4 1	1 26	22 13	0 11	20 4	0 34	22 24	0 54	15 30	16 26	1 44	2 16	6 39	0 11	3 30
T 16	18 52	15 17	2 32	21 59	2 0	22 49	0 29	22 13	0 7	4 1	1 27	22 12	0 11	20 3	0 34	22 24	0 54	15 29	16 26	1 45	2 15	6 42	0 12	3 29
F 17	18 37	19 55	3 24	21 38	2 2	22 47	0 26	22 19	0 6	4 1	1 27	22 12	0 11	20 2	0 34	22 24	0 54	15 29	16 25	1 44	2 14	6 46	0 13	3 29
S 18	18 22	23 49	4 8	21 15	2 3	22 45	0 24	22 25	0 6	4 1	1 27	22 11	0 11	20 2	0 34	22 24	0 54	15 28	16 25	1 43	2 13	6 49	0 14	3 29
S 19	18 6	26 43	4 41	20 51	2 4	22 42	0 21	22 30	0 5	4 1	1 27	22 10	0 11	20 1	0 34	22 24	0 54	15 27	16 25	1 42	2 11	6 52	0 15	3 29
M20	17 50	28 20	5 1	20 26	2 4	22 39	0 18	22 36	0 4	4 0	1 28	22 9	0 11	20 0	0 34	22 24	0 54	15 27	16 25	1 39	2 10	6 56	0 16	3 29
T 21	17 33	28 26	5 6	19 58	2 4	22 35	0 15	22 41	0 3	4 0	1 28	22 8	0 11	19 59	0 34	22 24	0 54	15 26	16 24	1 36	2 9	6 59	0 17	3 28
W22	17 16	26 49	4 54	19 29	2 4	22 30	0 12	22 46	0 2	3 59	1 28	22 7	0 11	19 58	0 34	22 25	0 54	15 25	16 24	1 32	2 7	7 2	0 18	3 28
T 23	16 59	23 33	4 25	18 59	2 3	22 24	0 9	22 51	0 2	3 59	1 28	22 7	0 10	19 58	0 34	22 25	0 54	15 25	16 24	1 28	2 6	7 6	0 19	3 28
F 24	16 42	18 49	3 38	18 27	2 2	22 18	0 6	22 55	0 1	3 58	1 29	22 6	0 10	19 57	0 34	22 25	0 54	15 24	16 24	1 25	2 5	7 9	0 20	3 28
S 25	16 24	12 55	2 37	17 53	2 0	22 11	0 4	23 0	0 0	3 57	1 29	22 5	0 10	19 56	0 34	22 25	0 54	15 23	16 23	1 23	2 4	7 13	0 21	3 28
S 26	16 6	6 18	1 25	17 18	1 58	22 3	0 1	23 4	0s 1	3 57	1 29	22 4	0 10	19 55	0 34	22 25	0 54	15 23	16 23	1 22	2 2	7 16	0 22	3 27
M27	15 48	0s40	0 8	16 41	1 55	21 55	0s 2	23 8	0 2	3 56	1 29	22 3	0 10	19 54	0 34	22 25	0 54	15 22	16 23	1 21	2 1	7 19	0 23	3 27
T 28	15 30	7 34	1s10	16 3	1 52	21 46	0 5	23 12	0 2	3 55	1 30	22 3	0 10	19 54	0 34	22 25	0 54	15 21	16 23	1 21	2 0	7 23	0 24	3 27
W29	15 11	14 0	2 23	15 23	1 48	21 37	0 8	23 16	0 3	3 54	1 30	22 2	0 10	19 53	0 34	22 25	0 54	15 21	16 22	1 22	1 59	7 26	0 25	3 27
T 30	14 52	19 37	3 26	14 42	1 44	21 26	0 10	23 19	0 4	3 53	1 30	22 1	0 10	19 52	0 34	22 25	0 54	15 20	16 22	1 22	1 57	7 29	0 26	3 27
F 31	14s33	24s 6	4s15	13s59	1s39	21s16	0s13	23s23	0s 5	3s52	1n30	22s 0	0n10	19s51	0s34	22n25	0s54	15s19	16s22	1n22	1n56	7n33	0n28	3n27

Julian Day Number = 2297422.5, Delta T = 123.57 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'05, Lahiri = 17°58'05 Julian Calendar 1 Jan. 1578 == Greg. Calendar 11 Jan. 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

FEBRUARY 1578 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 22 21	21♒58'28	12♐33	29♒ 8	26♑59	23♐19	13°R14	18♑58	4♒ 5	6°R46	29♓ 9	3°R24	4♈48	16♈47	23♓16	S 1
S 2	9 26 18	22°59'01	26° 4	1♓ 0	28°13	24° 0	13♎11	19° 4	4° 8	6♋45	29°10	3♈21	4°45	16°54	23°19	S 2
M 3	9 30 14	23°59'33	9♑22	2°51	29°28	24°42	13° 8	19°10	4°12	6°44	29°11	3°15	4°42	17° 1	23°23	M 3
T 4	9 34 11	25° 0'04	22°27	4°42	0♒42	25°23	13° 5	19°17	4°15	6°43	29°13	3° 9	4°39	17° 7	23°26	T 4
W 5	9 38 7	26° 0'32	5♒19	6°33	1°57	26° 4	13° 2	19°23	4°18	6°42	29°14	3° 2	4°36	17°14	23°29	W 5
T 6	9 42 4	27° 1'00	17°59	8°23	3°11	26°45	12°59	19°29	4°22	6°41	29°15	2°55	4°33	17°21	23°33	T 6
F 7	9 46 0	28° 1'25	0♓25	10°13	4°25	27°26	12°55	19°35	4°25	6°40	29°16	2°50	4°29	17°27	23°36	F 7
S 8	9 49 57	29° 1'49	12°40	12° 1	5°40	28° 8	12°51	19°41	4°28	6°39	29°18	2°46	4°26	17°34	23°40	S 8
S 9	9 53 53	0♓ 2'11	24°44	13°47	6°54	28°49	12°47	19°47	4°31	6°38	29°19	2°44	4°23	17°40	23°43	S 9
M10	9 57 50	1° 2'31	6♈39	15°32	8° 9	29°30	12°43	19°53	4°35	6°37	29°20	2°D44	4°20	17°47	23°47	M10
T 11	10 1 46	2° 2'50	18°28	17°13	9°23	0♑12	12°39	19°59	4°38	6°36	29°22	2°45	4°17	17°54	23°50	T 11
W12	10 5 43	3° 3'06	0♉15	18°52	10°37	0°53	12°35	20° 5	4°41	6°36	29°23	2°47	4°13	18° 0	23°54	W12
T 13	10 9 40	4° 3'20	12° 4	20°28	11°52	1°34	12°30	20°10	4°44	6°35	29°24	2°49	4°10	18° 7	23°57	T 13
F 14	10 13 36	5° 3'33	23°59	21°59	13° 6	2°16	12°25	20°16	4°47	6°34	29°26	2°50	4° 7	18°14	24° 1	F 14
S 15	10 17 33	6° 3'43	6♊ 7	23°25	14°21	2°57	12°20	20°22	4°51	6°33	29°27	2°R51	4° 4	18°20	24° 4	S 15
S 16	10 21 29	7° 3'51	18°31	24°47	15°35	3°38	12°15	20°27	4°54	6°33	29°28	2°50	4° 1	18°27	24° 8	S 16
M17	10 25 26	8° 3'57	1♋16	26° 2	16°49	4°20	12°10	20°33	4°57	6°32	29°30	2°48	3°58	18°34	24°11	M17
T 18	10 29 22	9° 4'02	14°25	27°11	18° 4	5° 1	12° 5	20°38	5° 0	6°31	29°31	2°46	3°54	18°40	24°15	T 18
W19	10 33 19	10° 4'03	28° 1	28°13	19°18	5°42	11°59	20°44	5° 3	6°31	29°33	2°42	3°51	18°47	24°19	W19
T 20	10 37 16	11° 4'03	12♌ 3	29° 7	20°33	6°24	11°54	20°49	5° 6	6°30	29°34	2°39	3°48	18°54	24°22	T 20
F 21	10 41 12	12° 4'01	26°30	29°54	21°47	7° 5	11°48	20°55	5° 9	6°30	29°35	2°36	3°45	19° 0	24°26	F 21
S 22	10 45 9	13° 3'56	11♍14	0♈32	23° 1	7°47	11°42	21° 0	5°12	6°29	29°37	2°34	3°42	19° 7	24°30	S 22
S 23	10 49 5	14° 3'50	26°10	1° 2	24°16	8°28	11°36	21° 5	5°15	6°29	29°38	2°D34	3°38	19°14	24°33	S 23
M24	10 53 2	15° 3'41	11♎ 9	1°23	25°30	9° 9	11°30	21°10	5°18	6°28	29°40	2°34	3°35	19°20	24°37	M24
T 25	10 56 58	16° 3'31	26° 3	1°36	26°44	9°51	11°24	21°15	5°20	6°28	29°41	2°34	3°32	19°27	24°41	T 25
W26	11 0 55	17° 3'19	10♏45	1°R40	27°59	10°32	11°17	21°20	5°23	6°28	29°43	2°36	3°29	19°34	24°44	W26
T 27	11 4 51	18° 3'06	25°10	1°35	29°13	11°14	11°11	21°25	5°26	6°27	29°44	2°37	3°26	19°40	24°48	T 27
F 28	11 8 48	19♓ 2'51	9♐15	1♈22	0♓27	11♑55	11♎ 4	21♑30	5♒29	6♋27	29♓46	2♈37	3♈23	19♈47	24♓52	F 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
S 1	14s13	27s 9	4s50	13s15	1s33	21s 4	0s16	23s26	0s 6	3s51	1n31	21s59	0n10	19s50	0s34	22n26	0s54	15s19	16s22	1n21	1n55	7n36	0n29	3n26
S 2	13 53	28 34	5 7	12 30	1 27	20 52	0 18	23 28	0 7	3 49	1 31	21 58	0 10	19 50	0 35	22 26	0 54	15 18	16 22	1 20	1 54	7 39	0 30	3 26
M 3	13 33	28 17	5 8	11 43	1 20	20 39	0 21	23 31	0 8	3 48	1 31	21 58	0 10	19 49	0 35	22 26	0 54	15 17	16 21	1 18	1 52	7 43	0 31	3 26
T 4	13 13	26 26	4 53	10 56	1 12	20 26	0 23	23 34	0 9	3 47	1 31	21 57	0 10	19 48	0 35	22 26	0 54	15 17	16 21	1 15	1 51	7 46	0 32	3 26
W 5	12 53	23 13	4 23	10 7	1 4	20 12	0 26	23 36	0 10	3 45	1 32	21 56	0 10	19 47	0 35	22 26	0 54	15 16	16 21	1 12	1 50	7 49	0 33	3 26
T 6	12 32	18 58	3 40	9 18	0 55	19 57	0 29	23 38	0 10	3 44	1 32	21 55	0 10	19 47	0 35	22 26	0 54	15 15	16 21	1 10	1 49	7 53	0 35	3 26
F 7	12 11	13 57	2 47	8 28	0 45	19 42	0 31	23 40	0 11	3 42	1 32	21 54	0 9	19 46	0 35	22 26	0 54	15 15	16 21	1 8	1 47	7 56	0 36	3 25
S 8	11 50	8 29	1 48	7 37	0 35	19 26	0 34	23 41	0 12	3 40	1 32	21 54	0 9	19 45	0 35	22 26	0 54	15 14	16 20	1 6	1 46	8 0	0 37	3 25
S 9	11 29	2 46	0 44	6 46	0 24	19 10	0 36	23 43	0 13	3 39	1 33	21 53	0 9	19 44	0 35	22 26	0 54	15 13	16 20	1 6	1 45	8 3	0 38	3 25
M10	11 8	2n58	0n21	5 55	0 13	18 53	0 38	23 44	0 14	3 37	1 33	21 52	0 9	19 43	0 35	22 26	0 54	15 13	16 20	1 5	1 43	8 6	0 40	3 25
T 11	10 46	8 34	1 25	5 4	0 1	18 36	0 41	23 45	0 15	3 35	1 33	21 51	0 9	19 43	0 35	22 26	0 54	15 12	16 20	1 6	1 42	8 10	0 41	3 25
W12	10 25	13 51	2 25	4 14	0n12	18 18	0 43	23 46	0 16	3 33	1 33	21 50	0 9	19 42	0 35	22 26	0 54	15 11	16 20	1 7	1 41	8 13	0 42	3 25
T 13	10 3	18 39	3 19	3 24	0 25	18 0	0 45	23 46	0 17	3 31	1 33	21 50	0 9	19 41	0 35	22 26	0 54	15 11	16 20	1 7	1 40	8 16	0 43	3 25
F 14	9 41	22 46	4 5	2 36	0 38	17 41	0 47	23 47	0 18	3 29	1 34	21 49	0 9	19 40	0 35	22 27	0 54	15 10	16 19	1 8	1 38	8 20	0 45	3 25
S 15	9 19	26 0	4 41	1 49	0 52	17 21	0 50	23 47	0 19	3 27	1 34	21 48	0 9	19 40	0 35	22 27	0 53	15 9	16 19	1 8	1 37	8 23	0 46	3 24
S 16	8 56	28 4	5 5	1 4	1 6	17 1	0 52	23 47	0 20	3 25	1 34	21 47	0 9	19 39	0 35	22 27	0 53	15 9	16 19	1 8	1 36	8 26	0 47	3 24
M17	8 34	28 44	5 15	0 21	1 20	16 41	0 54	23 46	0 21	3 23	1 34	21 47	0 9	19 38	0 35	22 27	0 53	15 8	16 19	1 7	1 35	8 30	0 49	3 24
T 18	8 11	27 49	5 8	0n19	1 35	16 20	0 56	23 46	0 22	3 20	1 34	21 46	0 9	19 38	0 35	22 27	0 53	15 7	16 19	1 6	1 33	8 33	0 50	3 24
W19	7 49	25 15	4 45	0 57	1 49	15 59	0 58	23 45	0 23	3 18	1 35	21 45	0 9	19 37	0 35	22 27	0 53	15 7	16 19	1 5	1 32	8 36	0 51	3 24
T 20	7 26	21 7	4 4	1 31	2 2	15 37	1 0	23 44	0 24	3 16	1 35	21 44	0 9	19 36	0 35	22 27	0 53	15 6	16 19	1 3	1 31	8 40	0 53	3 24
F 21	7 3	15 38	3 6	2 2	2 16	15 15	1 1	23 43	0 25	3 13	1 35	21 43	0 9	19 35	0 35	22 27	0 53	15 5	16 19	1 2	1 30	8 43	0 54	3 24
S 22	6 40	9 9	1 55	2 29	2 29	14 52	1 3	23 42	0 26	3 11	1 35	21 43	0 9	19 35	0 35	22 27	0 53	15 5	16 19	1 2	1 28	8 46	0 55	3 24
S 23	6 17	2 4	0 35	2 52	2 41	14 29	1 5	23 41	0 27	3 8	1 35	21 42	0 8	19 34	0 35	22 27	0 53	15 4	16 18	1 1	1 27	8 50	0 57	3 24
M24	5 54	5s 9	0s47	3 11	2 52	14 6	1 7	23 39	0 28	3 6	1 35	21 41	0 8	19 33	0 35	22 27	0 53	15 3	16 18	1 1	1 26	8 53	0 58	3 23
T 25	5 31	12 3	2 6	3 26	3 3	13 42	1 8	23 37	0 29	3 3	1 36	21 41	0 8	19 33	0 35	22 27	0 53	15 3	16 18	1 2	1 25	8 56	0 59	3 23
W26	5 7	18 11	3 16	3 36	3 12	13 18	1 10	23 35	0 30	3 0	1 36	21 40	0 8	19 32	0 35	22 27	0 53	15 2	16 18	1 2	1 23	8 59	1 1	3 23
T 27	4 44	23 10	4 12	3 41	3 20	12 53	1 11	23 33	0 31	2 58	1 36	21 39	0 8	19 31	0 35	22 27	0 53	15 1	16 18	1 2	1 22	9 3	1 2	3 23
F 28	4s21	26s41	4s51	3n42	3n26	12s28	1s13	23s30	0s32	2s55	1n36	21s38	0n 8	19s31	0s35	22n27	0s53	15s 1	16s18	1n 3	1n21	9n 6	1n 4	3n23

Julian Day Number = 2297453.5, Delta T = 123.42 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'09, Lahiri = 17°58'10 Julian Calendar 1 Feb. 1578 == Greg. Calendar 11 Feb. 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

MARCH 1578 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 12 44	20♓ 2'34	22♐59	1°R 1	1♓42	12♑37	10°R57	21♑35	5♒32	6°R27	29♓47	2°R38	3♈19	19♈53	24♓55	S 1
S 2	11 16 41	21° 2'15	6♑23	0♈33	2°56	13°18	10♎51	21°39	5°34	6♋27	29°49	2♈37	3°16	20° 0	24°59	S 2
M 3	11 20 38	22° 1'55	19°28	29♓58	4°10	14° 0	10°44	21°44	5°37	6°26	29°50	2°36	3°13	20° 7	25° 3	M 3
T 4	11 24 34	23° 1'33	2♒16	29°17	5°25	14°41	10°37	21°49	5°40	6°26	29°51	2°35	3°10	20°13	25° 6	T 4
W 5	11 28 31	24° 1'09	14°50	28°32	6°39	15°23	10°30	21°53	5°42	6°26	29°53	2°34	3° 7	20°20	25°10	W 5
T 6	11 32 27	25° 0'43	27°11	27°43	7°53	16° 4	10°22	21°58	5°45	6°26	29°54	2°33	3° 4	20°27	25°14	T 6
F 7	11 36 24	26° 0'15	9♓21	26°51	9° 8	16°46	10°15	22° 2	5°48	6°26	29°56	2°32	3° 0	20°33	25°18	F 7
S 8	11 40 20	26°59'45	21°23	25°58	10°22	17°27	10° 8	22° 6	5°50	6°D26	29°57	2°31	2°57	20°40	25°21	S 8
S 9	11 44 17	27°59'13	3♈18	25° 5	11°36	18° 9	10° 1	22°10	5°53	6°26	29°59	2°D31	2°54	20°47	25°25	S 9
M10	11 48 13	28°58'39	15° 8	24°12	12°51	18°50	9°53	22°14	5°55	6°26	0♈ 0	2°31	2°51	20°53	25°29	M10
T 11	11 52 10	29°58'03	26°56	23°21	14° 5	19°32	9°46	22°19	5°57	6°26	0° 2	2°32	2°48	21° 0	25°32	T 11
W12	11 56 7	0♈57'25	8♉44	22°33	15°19	20°13	9°38	22°22	6° 0	6°26	0° 3	2°32	2°44	21° 7	25°36	W12
T 13	12 0 3	1°56'44	20°34	21°48	16°33	20°55	9°31	22°26	6° 2	6°26	0° 5	2°32	2°41	21°13	25°40	T 13
F 14	12 4 0	2°56'02	2♊32	21° 8	17°48	21°37	9°23	22°30	6° 4	6°27	0° 6	2°R32	2°38	21°20	25°43	F 14
S 15	12 7 56	3°55'17	14°39	20°32	19° 2	22°18	9°15	22°34	6° 7	6°27	0° 8	2°32	2°35	21°27	25°47	S 15
S 16	12 11 53	4°54'29	27° 1	20° 1	20°16	23° 0	9° 8	22°38	6° 9	6°27	0° 9	2°32	2°32	21°33	25°51	S 16
M17	12 15 49	5°53'40	9♋42	19°35	21°30	23°41	9° 0	22°41	6°11	6°27	0°11	2°D32	2°29	21°40	25°54	M17
T 18	12 19 46	6°52'48	22°45	19°15	22°45	24°23	8°52	22°45	6°13	6°28	0°12	2°32	2°25	21°47	25°58	T 18
W19	12 23 42	7°51'54	6♌13	19° 0	23°59	25° 4	8°45	22°48	6°15	6°28	0°14	2°32	2°22	21°53	26° 2	W19
T 20	12 27 39	8°50'57	20° 8	18°52	25°13	25°46	8°37	22°51	6°17	6°28	0°15	2°33	2°19	22° 0	26° 5	T 20
F 21	12 31 36	9°49'58	4♍30	18°D48	26°27	26°27	8°29	22°54	6°19	6°29	0°17	2°33	2°16	22° 7	26° 9	F 21
S 22	12 35 32	10°48'57	19°15	18°51	27°41	27° 9	8°21	22°58	6°21	6°29	0°18	2°34	2°13	22°13	26°13	S 22
S 23	12 39 29	11°47'53	4♎17	18°58	28°55	27°50	8°14	23° 1	6°23	6°30	0°20	2°R34	2°10	22°20	26°16	S 23
M24	12 43 25	12°46'47	19°29	19°11	0♈10	28°32	8° 6	23° 4	6°25	6°30	0°21	2°34	2° 6	22°26	26°20	M24
T 25	12 47 22	13°45'40	4♏40	19°28	1°24	29°13	7°58	23° 6	6°27	6°31	0°22	2°33	2° 3	22°33	26°23	T 25
W26	12 51 18	14°44'31	19°42	19°51	2°38	29°55	7°51	23° 9	6°29	6°31	0°24	2°32	2° 0	22°40	26°27	W26
T 27	12 55 15	15°43'19	4♐26	20°18	3°52	0♒36	7°43	23°12	6°30	6°32	0°25	2°30	1°57	22°46	26°31	T 27
F 28	12 59 11	16°42'07	18°47	20°49	5° 6	1°18	7°36	23°14	6°32	6°33	0°27	2°29	1°54	22°53	26°34	F 28
S 29	13 3 8	17°40'52	2♑41	21°24	6°20	1°59	7°28	23°17	6°34	6°33	0°28	2°27	1°50	23° 0	26°38	S 29
S 30	13 7 5	18°39'36	16° 9	22° 4	7°34	2°41	7°21	23°19	6°35	6°34	0°30	2°D27	1°47	23° 6	26°41	S 30
M31	13 11 1	19♈38'18	29♑12	22♓47	8♈48	3♒22	7♎13	23♑22	6♒37	6♋35	0♈31	2♈27	1♈44	23♈13	26♓45	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	3s57	28s31	5s12	3n38	3n31	12s 3	1s14	23s27	0s34	2s52	1n36	21s38	0n 8	19s30	0s35	22n27	0s53	15s 0	16s18	1n 3	1n19	9n 9	1n 5	3n23
S 2	3 34	28 36	5 16	3 29	3 34	11 38	1 16	23 24	0 35	2 50	1 36	21 37	0 8	19 29	0 35	22 28	0 53	14 59	16 18	1 3	1 18	9 13	1 6	3 23
M 3	3 10	27 5	5 3	3 16	3 35	11 12	1 17	23 21	0 36	2 47	1 36	21 36	0 8	19 29	0 35	22 28	0 53	14 59	16 18	1 2	1 17	9 16	1 8	3 23
T 4	2 47	24 10	4 36	3 0	3 35	10 45	1 18	23 18	0 37	2 44	1 36	21 36	0 8	19 28	0 35	22 28	0 53	14 58	16 18	1 2	1 16	9 19	1 9	3 23
W 5	2 23	20 10	3 55	2 39	3 32	10 19	1 19	23 14	0 38	2 41	1 37	21 35	0 8	19 27	0 35	22 28	0 53	14 58	16 18	1 1	1 14	9 23	1 11	3 23
T 6	1 59	15 21	3 4	2 16	3 28	9 52	1 20	23 11	0 39	2 38	1 37	21 34	0 8	19 27	0 35	22 28	0 53	14 57	16 18	1 1	1 13	9 26	1 12	3 23
F 7	1 36	10 1	2 5	1 50	3 21	9 25	1 21	23 7	0 40	2 35	1 37	21 34	0 8	19 26	0 35	22 28	0 53	14 56	16 18	1 1	1 12	9 29	1 13	3 23
S 8	1 12	4 22	1 2	1 21	3 13	8 58	1 22	23 2	0 42	2 32	1 37	21 33	0 8	19 26	0 35	22 28	0 53	14 56	16 18	1 0	1 11	9 33	1 15	3 23
S 9	0 48	1n23	0n 4	0 51	3 4	8 30	1 23	22 58	0 43	2 29	1 37	21 33	0 8	19 25	0 35	22 28	0 53	14 55	16 18	1 0	1 9	9 36	1 16	3 22
M10	0 24	7 3	1 10	0 20	2 53	8 3	1 24	22 54	0 44	2 26	1 37	21 32	0 7	19 24	0 35	22 28	0 53	14 55	16 18	1 0	1 8	9 39	1 18	3 22
T 11	0 1	12 27	2 12	0s11	2 41	7 35	1 25	22 49	0 45	2 23	1 37	21 31	0 7	19 24	0 35	22 28	0 53	14 54	16 18	1 0	1 7	9 42	1 19	3 22
W12	0n23	17 24	3 8	0 43	2 27	7 7	1 25	22 44	0 46	2 20	1 37	21 31	0 7	19 23	0 35	22 28	0 53	14 53	16 18	1 1	1 6	9 46	1 21	3 22
T 13	0 47	21 44	3 57	1 13	2 13	6 38	1 26	22 39	0 47	2 17	1 37	21 30	0 7	19 23	0 35	22 28	0 52	14 53	16 18	1 1	1 4	9 49	1 22	3 22
F 14	1 10	25 13	4 35	1 43	1 58	6 10	1 27	22 33	0 49	2 14	1 37	21 30	0 7	19 22	0 35	22 28	0 52	14 52	16 18	1 1	1 3	9 52	1 23	3 22
S 15	1 34	27 37	5 2	2 12	1 43	5 41	1 27	22 28	0 50	2 11	1 37	21 29	0 7	19 22	0 35	22 28	0 52	14 52	16 18	1 1	1 2	9 56	1 25	3 22
S 16	1 57	28 44	5 16	2 38	1 27	5 12	1 27	22 22	0 51	2 8	1 37	21 29	0 7	19 21	0 35	22 28	0 52	14 51	16 18	1 0	1 0	9 59	1 26	3 22
M17	2 21	28 23	5 15	3 3	1 11	4 43	1 28	22 16	0 52	2 5	1 37	21 28	0 7	19 21	0 35	22 28	0 52	14 51	16 18	1 0	0 59	10 2	1 28	3 22
T 18	2 44	26 28	4 58	3 25	0 55	4 14	1 28	22 10	0 54	2 2	1 37	21 28	0 7	19 20	0 36	22 28	0 52	14 50	16 18	1 1	0 58	10 5	1 29	3 22
W19	3 8	23 2	4 25	3 45	0 40	3 45	1 28	22 4	0 55	1 59	1 37	21 27	0 7	19 20	0 36	22 28	0 52	14 49	16 18	1 1	0 57	10 9	1 30	3 22
T 20	3 31	18 12	3 35	4 3	0 24	3 16	1 29	21 58	0 56	1 56	1 37	21 27	0 7	19 19	0 36	22 28	0 52	14 49	16 18	1 1	0 55	10 12	1 32	3 22
F 21	3 54	12 12	2 30	4 18	0 9	2 46	1 29	21 51	0 57	1 53	1 37	21 26	0 7	19 19	0 36	22 28	0 52	14 48	16 18	1 1	0 54	10 15	1 33	3 22
S 22	4 17	5 23	1 13	4 30	0s 5	2 17	1 29	21 44	0 59	1 50	1 37	21 26	0 7	19 18	0 36	22 28	0 52	14 48	16 18	1 1	0 53	10 18	1 35	3 22
S 23	4 41	1s51	0s10	4 40	0 19	1 47	1 29	21 37	1 0	1 47	1 37	21 25	0 7	19 18	0 36	22 28	0 52	14 47	16 18	1 1	0 52	10 22	1 36	3 22
M24	5 4	9 4	1 33	4 48	0 33	1 17	1 29	21 30	1 1	1 44	1 37	21 25	0 7	19 17	0 36	22 28	0 52	14 47	16 18	1 1	0 50	10 25	1 38	3 22
T 25	5 27	15 46	2 49	4 53	0 46	0 48	1 28	21 23	1 2	1 41	1 37	21 24	0 7	19 17	0 36	22 28	0 52	14 46	16 18	1 1	0 49	10 28	1 39	3 22
W26	5 49	21 26	3 53	4 55	0 58	0 18	1 28	21 15	1 4	1 38	1 37	21 24	0 6	19 17	0 36	22 28	0 52	14 46	16 18	1 0	0 48	10 32	1 40	3 22
T 27	6 12	25 39	4 40	4 55	1 10	0n12	1 28	21 8	1 5	1 35	1 37	21 24	0 6	19 16	0 36	22 28	0 52	14 45	16 19	1 0	0 47	10 35	1 42	3 22
F 28	6 35	28 8	5 8	4 53	1 21	0 42	1 27	21 0	1 6	1 32	1 37	21 23	0 6	19 16	0 36	22 28	0 52	14 45	16 19	0 59	0 45	10 38	1 43	3 22
S 29	6 57	28 45	5 17	4 49	1 31	1 11	1 27	20 52	1 8	1 29	1 37	21 23	0 6	19 15	0 36	22 28	0 52	14 44	16 19	0 59	0 44	10 41	1 45	3 22
S 30	7 20	27 36	5 8	4 42	1 41	1 41	1 27	20 44	1 9	1 26	1 37	21 23	0 6	19 15	0 36	22 28	0 52	14 44	16 19	0 59	0 43	10 45	1 46	3 22
M31	7n42	24s59	4s43	4s33	1s50	2n11	1s26	20s35	1s10	1s23	1n37	21s22	0n 6	19s15	0s36	22n28	0s52	14s44	16s19	0n59	0n41	10n48	1n47	3n22

Julian Day Number = 2297481.5, Delta T = 123.28 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'13, Lahiri = 17°58'14 Julian Calendar 1 March 1578 == Greg. Calendar 11 March 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

APRIL 1578 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 14 58	20♈36'58	11♒53	23♓34	10♈ 2	4♒ 3	7°R 6	23♉24	6♒39	6♋36	0♈33	2♈28	1♈41	23♈20	26♓48	T 1
W 2	13 18 54	21°35'36	24°17	24°24	11°17	4°45	6♎58	23°26	6°40	6°36	0°34	2°29	1°38	23°26	26°52	W 2
T 3	13 22 51	22°34'13	6♓27	25°17	12°31	5°26	6°51	23°28	6°42	6°37	0°35	2°31	1°35	23°33	26°55	T 3
F 4	13 26 47	23°32'48	18°26	26°13	13°45	6° 8	6°44	23°30	6°43	6°38	0°37	2°32	1°31	23°40	26°58	F 4
S 5	13 30 44	24°31'21	0♈19	27°13	14°59	6°49	6°37	23°32	6°44	6°39	0°38	2°R33	1°28	23°46	27° 2	S 5
S 6	13 34 40	25°29'52	12° 7	28°15	16°13	7°30	6°30	23°34	6°46	6°40	0°39	2°33	1°25	23°53	27° 5	S 6
M 7	13 38 37	26°28'22	23°55	29°20	17°27	8°12	6°23	23°35	6°47	6°41	0°41	2°31	1°22	24° 0	27° 9	M 7
T 8	13 42 34	27°26'49	5♉43	0♈27	18°41	8°53	6°16	23°37	6°48	6°42	0°42	2°28	1°19	24° 6	27°12	T 8
W 9	13 46 30	28°25'15	17°35	1°37	19°55	9°34	6° 9	23°38	6°49	6°43	0°44	2°24	1°15	24°13	27°15	W 9
T 10	13 50 27	29°23'39	29°31	2°49	21° 9	10°16	6° 3	23°40	6°50	6°44	0°45	2°20	1°12	24°20	27°18	T 10
F 11	13 54 23	0♉22'01	11♊34	4° 4	22°23	10°57	5°56	23°41	6°51	6°45	0°46	2°15	1° 9	24°26	27°22	F 11
S 12	13 58 20	1°20'21	23°48	5°21	23°37	11°38	5°50	23°42	6°52	6°46	0°48	2°11	1° 6	24°33	27°25	S 12
S 13	14 2 16	2°18'38	6♋13	6°40	24°51	12°19	5°44	23°43	6°53	6°47	0°49	2° 7	1° 3	24°40	27°28	S 13
M14	14 6 13	3°16'54	18°54	8° 1	26° 5	13° 0	5°37	23°44	6°54	6°49	0°50	2° 5	1° 0	24°46	27°31	M14
T 15	14 10 9	4°15'08	1♌53	9°25	27°19	13°42	5°31	23°45	6°55	6°50	0°51	2°D 4	0°56	24°53	27°34	T 15
W16	14 14 6	5°13'20	15°13	10°50	28°33	14°23	5°25	23°46	6°56	6°51	0°53	2° 4	0°53	25° 0	27°38	W16
T 17	14 18 3	6°11'29	28°57	12°18	29°47	15° 4	5°20	23°47	6°57	6°52	0°54	2° 5	0°50	25° 6	27°41	T 17
F 18	14 21 59	7° 9'36	13♍ 6	13°48	1♉ 1	15°45	5°14	23°47	6°57	6°54	0°55	2° 7	0°47	25°13	27°44	F 18
S 19	14 25 56	8° 7'42	27°39	15°19	2°14	16°26	5° 8	23°48	6°58	6°55	0°56	2°R 8	0°44	25°20	27°47	S 19
S 20	14 29 52	9° 5'45	12♎32	16°53	3°28	17° 7	5° 3	23°48	6°59	6°56	0°58	2° 7	0°41	25°26	27°50	S 20
M21	14 33 49	10° 3'47	27°40	18°28	4°42	17°48	4°58	23°49	6°59	6°58	0°59	2° 5	0°37	25°33	27°53	M21
T 22	14 37 45	11° 1'47	12♏53	20° 6	5°56	18°29	4°53	23°49	7° 0	6°59	1° 0	2° 2	0°34	25°39	27°56	T 22
W23	14 41 42	11°59'46	28° 2	21°45	7°10	19°10	4°48	23°49	7° 0	7° 0	1° 1	1°56	0°31	25°46	27°58	W23
T 24	14 45 38	12°57'43	12♐56	23°27	8°24	19°50	4°43	23°R49	7° 1	7° 2	1° 2	1°50	0°28	25°53	28° 1	T 24
F 25	14 49 35	13°55'38	27°28	25°10	9°38	20°31	4°38	23°49	7° 1	7° 3	1° 4	1°44	0°25	25°59	28° 4	F 25
S 26	14 53 32	14°53'33	11♑32	26°55	10°52	21°12	4°34	23°49	7° 1	7° 5	1° 5	1°39	0°21	26° 6	28° 7	S 26
S 27	14 57 28	15°51'26	25° 8	28°43	12° 5	21°53	4°29	23°48	7° 2	7° 6	1° 6	1°35	0°18	26°13	28°10	S 27
M28	15 1 25	16°49'17	8♒15	0♉32	13°19	22°33	4°25	23°48	7° 2	7° 8	1° 7	1°33	0°15	26°19	28°12	M28
T 29	15 5 21	17°47'08	20°57	2°23	14°33	23°14	4°21	23°48	7° 2	7° 9	1° 8	1°D33	0°12	26°26	28°15	T 29
W30	15 9 18	18♉44'57	3♓19	4♉16	15♉47	23♒55	4♎17	23♉47	7♒ 2	7♋11	1♈ 9	1♈34	0♈ 9	26♈33	28♓18	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	8n 4	21s11	4s 5	4s22	1s58	2n41	1s25	20s27	1s12	1s20	1n37	21s22	0n 6	19s14	0s36	22n28	0s52	14s43	16s19	0n59	0n40	10n51	1n49	3n22
W 2	8 26	16 32	3 16	4 10	2 6	3 10	1 25	20 18	1 13	1 18	1 37	21 22	0 6	19 14	0 36	22 28	0 52	14 43	16 19	1 0	0 39	10 54	1 50	3 22
T 3	8 48	11 19	2 19	3 55	2 13	3 40	1 24	20 10	1 15	1 15	1 37	21 21	0 6	19 14	0 36	22 28	0 52	14 42	16 19	1 0	0 38	10 57	1 52	3 22
F 4	9 10	5 46	1 17	3 38	2 20	4 9	1 23	20 1	1 16	1 12	1 37	21 21	0 6	19 13	0 36	22 28	0 52	14 42	16 20	1 1	0 36	11 1	1 53	3 22
S 5	9 32	0 4	0 12	3 20	2 25	4 39	1 22	19 52	1 17	1 9	1 36	21 21	0 6	19 13	0 36	22 28	0 52	14 41	16 20	1 1	0 35	11 4	1 54	3 22
S 6	9 53	5n37	0n53	3 0	2 30	5 8	1 21	19 42	1 19	1 7	1 36	21 21	0 6	19 13	0 36	22 28	0 52	14 41	16 20	1 1	0 34	11 7	1 56	3 22
M 7	10 14	11 5	1 55	2 38	2 35	5 38	1 20	19 33	1 20	1 4	1 36	21 20	0 6	19 12	0 36	22 28	0 51	14 41	16 20	1 0	0 33	11 10	1 57	3 22
T 8	10 35	16 10	2 53	2 15	2 39	6 7	1 19	19 23	1 22	1 2	1 36	21 20	0 6	19 12	0 36	22 28	0 51	14 40	16 20	0 59	0 31	11 14	1 58	3 22
W 9	10 56	20 40	3 43	1 50	2 42	6 36	1 18	19 14	1 23	0 59	1 36	21 20	0 5	19 12	0 36	22 28	0 51	14 40	16 20	0 58	0 30	11 17	2 0	3 22
T 10	11 17	24 23	4 23	1 24	2 45	7 5	1 17	19 4	1 24	0 56	1 36	21 20	0 5	19 12	0 36	22 28	0 51	14 39	16 20	0 56	0 29	11 20	2 1	3 22
F 11	11 38	27 4	4 53	0 56	2 47	7 33	1 16	18 54	1 26	0 54	1 36	21 20	0 5	19 11	0 36	22 28	0 51	14 39	16 21	0 54	0 28	11 23	2 2	3 22
S 12	11 58	28 30	5 10	0 27	2 48	8 2	1 15	18 44	1 27	0 52	1 36	21 19	0 5	19 11	0 36	22 28	0 51	14 39	16 21	0 52	0 26	11 27	2 4	3 22
S 13	12 18	28 33	5 12	0n 4	2 49	8 30	1 13	18 34	1 29	0 49	1 35	21 19	0 5	19 11	0 36	22 28	0 51	14 38	16 21	0 51	0 25	11 30	2 5	3 22
M14	12 38	27 6	5 0	0 36	2 49	8 59	1 12	18 23	1 30	0 47	1 35	21 19	0 5	19 11	0 36	22 28	0 51	14 38	16 21	0 50	0 24	11 33	2 6	3 22
T 15	12 58	24 12	4 32	1 9	2 49	9 27	1 11	18 13	1 32	0 45	1 35	21 19	0 5	19 11	0 36	22 28	0 51	14 38	16 21	0 49	0 22	11 36	2 8	3 22
W16	13 18	19 57	3 49	1 43	2 48	9 54	1 9	18 2	1 33	0 43	1 35	21 19	0 5	19 10	0 37	22 28	0 51	14 37	16 22	0 49	0 21	11 39	2 9	3 22
T 17	13 37	14 32	2 51	2 19	2 47	10 22	1 8	17 52	1 35	0 40	1 35	21 19	0 5	19 10	0 37	22 28	0 51	14 37	16 22	0 50	0 20	11 43	2 10	3 22
F 18	13 56	8 13	1 42	2 55	2 45	10 49	1 6	17 41	1 36	0 38	1 35	21 19	0 5	19 10	0 37	22 28	0 51	14 37	16 22	0 51	0 19	11 46	2 11	3 22
S 19	14 15	1 19	0 24	3 33	2 42	11 16	1 5	17 30	1 38	0 36	1 34	21 19	0 5	19 10	0 37	22 28	0 51	14 37	16 22	0 51	0 17	11 49	2 13	3 23
S 20	14 34	5s50	0s56	4 12	2 39	11 43	1 3	17 19	1 39	0 34	1 34	21 19	0 5	19 10	0 37	22 28	0 51	14 36	16 22	0 51	0 16	11 52	2 14	3 23
M21	14 52	12 46	2 15	4 52	2 35	12 10	1 1	17 8	1 41	0 32	1 34	21 19	0 5	19 10	0 37	22 28	0 51	14 36	16 23	0 50	0 15	11 55	2 15	3 23
T 22	15 10	18 58	3 23	5 32	2 31	12 36	0 59	16 57	1 42	0 31	1 34	21 19	0 5	19 10	0 37	22 28	0 51	14 36	16 23	0 48	0 14	11 59	2 16	3 23
W23	15 28	23 57	4 18	6 14	2 26	13 2	0 58	16 45	1 44	0 29	1 34	21 19	0 4	19 10	0 37	22 28	0 51	14 35	16 23	0 46	0 12	12 2	2 17	3 23
T 24	15 46	27 15	4 53	6 56	2 21	13 27	0 56	16 34	1 45	0 27	1 33	21 19	0 4	19 9	0 37	22 28	0 51	14 35	16 23	0 44	0 11	12 5	2 19	3 23
F 25	16 3	28 37	5 9	7 40	2 15	13 53	0 54	16 22	1 47	0 25	1 33	21 19	0 4	19 9	0 37	22 28	0 51	14 35	16 24	0 42	0 10	12 8	2 20	3 23
S 26	16 21	28 4	5 5	8 24	2 9	14 18	0 52	16 11	1 48	0 24	1 33	21 19	0 4	19 9	0 37	22 28	0 51	14 35	16 24	0 40	0 9	12 11	2 21	3 23
S 27	16 37	25 49	4 44	9 8	2 2	14 42	0 50	15 59	1 50	0 22	1 33	21 20	0 4	19 9	0 37	22 28	0 51	14 35	16 24	0 38	0 7	12 14	2 22	3 23
M28	16 54	22 15	4 9	9 53	1 55	15 7	0 48	15 47	1 51	0 21	1 33	21 20	0 4	19 9	0 37	22 28	0 51	14 34	16 24	0 37	0 6	12 18	2 23	3 23
T 29	17 10	17 44	3 22	10 39	1 47	15 30	0 46	15 35	1 53	0 19	1 32	21 20	0 4	19 9	0 37	22 27	0 51	14 34	16 25	0 37	0 5	12 21	2 24	3 23
W30	17n27	12s36	2s27	11n25	1s39	15n54	0s44	15s23	1s55	0s18	1n32	21s20	0n 4	19s 9	0s37	22n27	0s51	14s34	16s25	0n37	0n 3	12n24	2n26	3n23

Julian Day Number = 2297512.5, Delta T = 123.13 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'17, Lahiri = 17°58'18 Julian Calendar 1 Apr. 1578 == Greg. Calendar 11 Apr. 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

MAY 1578 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 13 14	19♉42'45	15♓25	6♉12	17♉ 1	24♒35	4°R14	23°R46	7♒ 2	7♋13	1♈10	1♈35	0♈ 6	26♈39	28♓20	T 1
F 2	15 17 11	20°40'31	27°20	8° 9	18°15	25°16	4♎10	23♑46	7°R 2	7°14	1°11	1°R36	0° 2	26°46	28°23	F 2
S 3	15 21 7	21°38'17	9♈ 8	10° 8	19°28	25°56	4° 7	23°45	7° 2	7°16	1°12	1°36	29♓59	26°53	28°25	S 3
S 4	15 25 4	22°36'01	20°55	12° 9	20°42	26°36	4° 3	23°44	7° 2	7°18	1°13	1°34	29°56	26°59	28°28	S 4
M 5	15 29 1	23°33'44	2♉43	14°11	21°56	27°17	4° 0	23°43	7° 2	7°19	1°14	1°30	29°53	27° 6	28°30	M 5
T 6	15 32 57	24°31'26	14°34	16°16	23°10	27°57	3°58	23°42	7° 2	7°21	1°15	1°23	29°50	27°13	28°33	T 6
W 7	15 36 54	25°29'07	26°33	18°21	24°24	28°37	3°55	23°40	7° 2	7°23	1°16	1°14	29°47	27°19	28°35	W 7
T 8	15 40 50	26°26'46	8♊38	20°29	25°37	29°17	3°52	23°39	7° 1	7°25	1°17	1° 4	29°43	27°26	28°38	T 8
F 9	15 44 47	27°24'24	20°53	22°37	26°51	29°57	3°50	23°38	7° 1	7°26	1°18	0°54	29°40	27°33	28°40	F 9
S 10	15 48 43	28°22'01	3♋18	24°47	28° 5	0♓37	3°48	23°36	7° 1	7°28	1°19	0°44	29°37	27°39	28°42	S 10
S 11	15 52 40	29°19'37	15°54	26°58	29°19	1°17	3°46	23°35	7° 0	7°30	1°20	0°36	29°34	27°46	28°44	S 11
M12	15 56 36	0♊17'11	28°43	29° 9	0♊32	1°56	3°44	23°33	7° 0	7°32	1°21	0°29	29°31	27°53	28°46	M12
T 13	16 0 33	1°14'43	11♌46	1♊21	1°46	2°36	3°43	23°31	6°59	7°34	1°22	0°25	29°27	27°59	28°49	T 13
W14	16 4 30	2°12'15	25° 5	3°33	3° 0	3°16	3°41	23°29	6°59	7°36	1°22	0°24	29°24	28° 6	28°51	W14
T 15	16 8 26	3° 9'44	8♍43	5°45	4°14	3°55	3°40	23°27	6°58	7°37	1°23	0°D24	29°21	28°13	28°53	T 15
F 16	16 12 23	4° 7'13	22°40	7°56	5°27	4°35	3°39	23°25	6°58	7°39	1°24	0°24	29°18	28°19	28°55	F 16
S 17	16 16 19	5° 4'40	6♎58	10° 7	6°41	5°14	3°38	23°23	6°57	7°41	1°25	0°R24	29°15	28°26	28°57	S 17
S 18	16 20 16	6° 2'06	21°34	12°17	7°55	5°53	3°37	23°21	6°56	7°43	1°26	0°22	29°12	28°33	28°58	S 18
M19	16 24 12	6°59'30	6♏25	14°26	9° 9	6°32	3°37	23°19	6°55	7°45	1°26	0°19	29° 8	28°39	29° 0	M19
T 20	16 28 9	7°56'54	21°23	16°33	10°22	7°11	3°36	23°16	6°55	7°47	1°27	0°12	29° 5	28°46	29° 2	T 20
W21	16 32 5	8°54'16	6♐22	18°39	11°36	7°50	3°D36	23°14	6°54	7°49	1°28	0° 3	29° 2	28°53	29° 4	W21
T 22	16 36 2	9°51'38	21°11	20°43	12°50	8°29	3°36	23°11	6°53	7°51	1°28	29♓53	28°59	28°59	29° 6	T 22
F 23	16 39 59	10°48'59	5♑42	22°45	14° 3	9° 8	3°36	23° 9	6°52	7°53	1°29	29°43	28°56	29° 6	29° 7	F 23
S 24	16 43 55	11°46'19	19°49	24°45	15°17	9°47	3°37	23° 6	6°51	7°55	1°30	29°34	28°53	29°13	29° 9	S 24
S 25	16 47 52	12°43'39	3♒28	26°43	16°31	10°25	3°37	23° 3	6°50	7°57	1°30	29°27	28°49	29°19	29°10	S 25
M26	16 51 48	13°40'58	16°39	28°38	17°45	11° 4	3°38	23° 0	6°49	7°59	1°31	29°22	28°46	29°26	29°12	M26
T 27	16 55 45	14°38'16	29°24	0♋32	18°58	11°42	3°39	22°58	6°48	8° 1	1°32	29°19	28°43	29°33	29°13	T 27
W28	16 59 41	15°35'34	11♓47	2°23	20°12	12°20	3°40	22°55	6°46	8° 4	1°32	29°D18	28°40	29°39	29°15	W28
T 29	17 3 38	16°32'52	23°54	4°11	21°26	12°58	3°41	22°52	6°45	8° 6	1°33	29°R18	28°37	29°46	29°16	T 29
F 30	17 7 34	17°30'09	5♈49	5°58	22°39	13°36	3°43	22°48	6°44	8° 8	1°33	29°18	28°33	29°53	29°17	F 30
S 31	17 11 31	18♊27'26	17♈38	7♋41	23♊53	14♓14	3♎44	22♑45	6♒43	8♋10	1♈34	29♓17	28♓30	29♈59	29♓19	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	17n42	7s 6	1s26	12n12	1s30	16n17	0s42	15s11	1s56	0s17	1n32	21s20	0n 4	19s 9	0s37	22n27	0s51	14s34	16s25	0n38	0n 2	12n27	2n27	3n23
F 2	17 58	1 25	0 23	12 58	1 22	16 40	0 40	14 59	1 58	0 16	1 32	21 20	0 4	19 9	0 37	22 27	0 51	14 34	16 25	0 38	0 1	12 30	2 28	3 23
S 3	18 13	4n15	0n41	13 45	1 12	17 2	0 38	14 47	1 59	0 14	1 31	21 21	0 4	19 9	0 37	22 27	0 51	14 33	16 26	0 38	0s 0	12 33	2 29	3 23
S 4	18 28	9 46	1 42	14 31	1 3	17 24	0 36	14 34	2 1	0 13	1 31	21 21	0 4	19 9	0 37	22 27	0 51	14 33	16 26	0 37	0 2	12 37	2 30	3 24
M 5	18 43	14 56	2 39	15 18	0 53	17 45	0 33	14 22	2 2	0 12	1 31	21 21	0 4	19 9	0 37	22 27	0 51	14 33	16 26	0 36	0 3	12 40	2 31	3 24
T 6	18 57	19 35	3 30	16 4	0 42	18 6	0 31	14 9	2 4	0 11	1 31	21 21	0 3	19 10	0 37	22 27	0 51	14 33	16 27	0 33	0 4	12 43	2 32	3 24
W 7	19 11	23 30	4 11	16 49	0 32	18 27	0 29	13 57	2 6	0 11	1 30	21 22	0 3	19 10	0 37	22 27	0 50	14 33	16 27	0 30	0 5	12 46	2 33	3 24
T 8	19 24	26 26	4 42	17 34	0 22	18 47	0 27	13 44	2 7	0 10	1 30	21 22	0 3	19 10	0 37	22 27	0 50	14 33	16 27	0 26	0 7	12 49	2 34	3 24
F 9	19 38	28 10	5 0	18 18	0 11	19 6	0 24	13 32	2 9	0 9	1 30	21 22	0 3	19 10	0 37	22 27	0 50	14 33	16 28	0 22	0 8	12 52	2 35	3 24
S 10	19 51	28 32	5 4	19 0	0 0	19 25	0 22	13 19	2 11	0 8	1 30	21 23	0 3	19 10	0 37	22 27	0 50	14 33	16 28	0 18	0 9	12 56	2 36	3 24
S 11	20 3	27 25	4 54	19 42	0n10	19 44	0 20	13 6	2 12	0 8	1 29	21 23	0 3	19 10	0 37	22 27	0 50	14 33	16 28	0 14	0 10	12 59	2 37	3 24
M12	20 16	24 51	4 29	20 21	0 21	20 2	0 18	12 53	2 14	0 7	1 29	21 23	0 3	19 10	0 37	22 27	0 50	14 33	16 28	0 12	0 12	13 2	2 38	3 24
T 13	20 28	20 58	3 49	20 59	0 31	20 19	0 15	12 41	2 16	0 7	1 29	21 24	0 3	19 10	0 38	22 27	0 50	14 32	16 29	0 10	0 13	13 5	2 39	3 24
W14	20 39	15 58	2 57	21 35	0 41	20 36	0 13	12 28	2 17	0 7	1 29	21 24	0 3	19 11	0 38	22 26	0 50	14 32	16 29	0 9	0 14	13 8	2 40	3 24
T 15	20 50	10 4	1 53	22 9	0 51	20 52	0 11	12 15	2 19	0 6	1 28	21 25	0 3	19 11	0 38	22 26	0 50	14 32	16 29	0 9	0 16	13 11	2 41	3 25
F 16	21 1	3 33	0 41	22 40	1 0	21 8	0 8	12 2	2 20	0 6	1 28	21 25	0 3	19 11	0 38	22 26	0 50	14 32	16 30	0 10	0 17	13 14	2 42	3 25
S 17	21 12	3s18	0s35	23 9	1 9	21 23	0 6	11 49	2 22	0 6	1 28	21 25	0 3	19 11	0 38	22 26	0 50	14 32	16 30	0 10	0 18	13 17	2 43	3 25
S 18	21 22	10 8	1 50	23 36	1 17	21 37	0 3	11 36	2 24	0 6	1 28	21 26	0 2	19 11	0 38	22 26	0 50	14 32	16 30	0 9	0 19	13 21	2 43	3 25
M19	21 32	16 30	2 59	23 59	1 25	21 51	0 1	11 23	2 26	0 6	1 27	21 26	0 2	19 12	0 38	22 26	0 50	14 32	16 31	0 7	0 21	13 24	2 44	3 25
T 20	21 41	21 57	3 56	24 20	1 32	22 5	0n 1	11 10	2 27	0 6	1 27	21 27	0 2	19 12	0 38	22 26	0 50	14 32	16 31	0 5	0 22	13 27	2 45	3 25
W21	21 50	25 58	4 37	24 38	1 38	22 17	0 4	10 57	2 29	0 6	1 27	21 27	0 2	19 12	0 38	22 26	0 50	14 32	16 31	0 1	0 23	13 30	2 46	3 25
T 22	21 59	28 10	4 59	24 54	1 44	22 30	0 6	10 44	2 31	0 7	1 27	21 28	0 2	19 12	0 38	22 26	0 50	14 32	16 32	0s 3	0 24	13 33	2 47	3 25
F 23	22 7	28 23	5 1	25 7	1 49	22 41	0 8	10 31	2 32	0 7	1 26	21 28	0 2	19 13	0 38	22 26	0 50	14 33	16 32	0 7	0 26	13 36	2 47	3 25
S 24	22 15	26 43	4 44	25 17	1 53	22 52	0 11	10 18	2 34	0 7	1 26	21 29	0 2	19 13	0 38	22 26	0 50	14 33	16 32	0 10	0 27	13 39	2 48	3 26
S 25	22 23	23 30	4 11	25 24	1 57	23 2	0 13	10 5	2 36	0 8	1 26	21 29	0 2	19 13	0 38	22 25	0 50	14 33	16 33	0 13	0 28	13 42	2 49	3 26
M26	22 30	19 9	3 26	25 29	1 59	23 11	0 16	9 52	2 37	0 8	1 26	21 30	0 2	19 14	0 38	22 25	0 50	14 33	16 33	0 15	0 29	13 45	2 50	3 26
T 27	22 37	14 5	2 32	25 31	2 2	23 20	0 18	9 38	2 39	0 9	1 25	21 31	0 2	19 14	0 38	22 25	0 50	14 33	16 33	0 16	0 31	13 48	2 50	3 26
W28	22 43	8 34	1 32	25 31	2 3	23 28	0 20	9 25	2 41	0 10	1 25	21 31	0 2	19 14	0 38	22 25	0 50	14 33	16 34	0 17	0 32	13 52	2 51	3 26
T 29	22 49	2 52	0 29	25 29	2 3	23 36	0 23	9 12	2 42	0 10	1 25	21 32	0 2	19 15	0 38	22 25	0 50	14 33	16 34	0 17	0 33	13 55	2 52	3 26
F 30	22 54	2n51	0n35	25 25	2 3	23 42	0 25	8 59	2 44	0 11	1 25	21 32	0 1	19 15	0 38	22 25	0 50	14 33	16 35	0 17	0 34	13 58	2 52	3 26
S 31	23n 0	8n24	1n36	25n18	2n 2	23n48	0n27	8s46	2s46	0s12	1n24	21s33	0n 1	19s15	0s38	22n25	0s50	14s33	16s35	0s17	0s36	14n 1	2n53	3n26

Julian Day Number = 2297542.5, Delta T = 122.98 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'22, Lahiri = 17°58'22 Julian Calendar 1 May 1578 == Greg. Calendar 11 May 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

JUNE 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 15 28	19♊24'42	29♈25	9♋23	25♊ 7	14♓51	3♎46	22°R42	6°R41	8♋12	1♈34	29°R13	28♓27	0♉ 6	29♓20	S 1
M 2	17 19 24	20°21'58	11♉16	11° 1	26°20	15°29	3°48	22♑39	6♒40	8°14	1°35	29♓ 8	28°24	0°13	29°21	M 2
T 3	17 23 21	21°19'14	23°13	12°38	27°34	16° 6	3°50	22°35	6°38	8°16	1°35	28°59	28°21	0°19	29°22	T 3
W 4	17 27 17	22°16'30	5♊20	14°12	28°48	16°43	3°52	22°32	6°37	8°18	1°35	28°48	28°18	0°26	29°23	W 4
T 5	17 31 14	23°13'45	17°38	15°43	0♋ 2	17°20	3°55	22°28	6°35	8°21	1°36	28°35	28°14	0°33	29°24	T 5
F 6	17 35 10	24°11'00	0♋ 7	17°12	1°15	17°57	3°58	22°25	6°34	8°23	1°36	28°22	28°11	0°39	29°25	F 6
S 7	17 39 7	25° 8'14	12°49	18°38	2°29	18°34	4° 0	22°21	6°32	8°25	1°36	28° 9	28° 8	0°46	29°26	S 7
S 8	17 43 4	26° 5'28	25°42	20° 2	3°43	19°11	4° 3	22°17	6°31	8°27	1°37	27°58	28° 5	0°53	29°27	S 8
M 9	17 47 0	27° 2'42	8♌47	21°23	4°56	19°47	4° 6	22°14	6°29	8°29	1°37	27°50	28° 2	0°59	29°28	M 9
T 10	17 50 57	27°59'55	22° 4	22°41	6°10	20°23	4°10	22°10	6°27	8°32	1°37	27°44	27°59	1° 6	29°28	T 10
W11	17 54 53	28°57'07	5♍32	23°57	7°24	20°59	4°13	22° 6	6°26	8°34	1°38	27°41	27°55	1°13	29°29	W11
T 12	17 58 50	29°54'19	19°13	25°10	8°37	21°35	4°17	22° 2	6°24	8°36	1°38	27°40	27°52	1°19	29°30	T 12
F 13	18 2 46	0♋51'30	3♎ 7	26°20	9°51	22°10	4°21	21°58	6°22	8°38	1°38	27°40	27°49	1°26	29°30	F 13
S 14	18 6 43	1°48'41	17°14	27°27	11° 5	22°46	4°25	21°54	6°20	8°40	1°38	27°40	27°46	1°33	29°31	S 14
S 15	18 10 39	2°45'51	1♏33	28°32	12°18	23°21	4°29	21°50	6°18	8°43	1°38	27°38	27°43	1°39	29°31	S 15
M16	18 14 36	3°43'01	16° 4	29°33	13°32	23°56	4°33	21°46	6°17	8°45	1°39	27°33	27°39	1°46	29°32	M16
T 17	18 18 33	4°40'11	0♐40	0♌31	14°46	24°31	4°38	21°42	6°15	8°47	1°39	27°26	27°36	1°53	29°32	T 17
W18	18 22 29	5°37'21	15°16	1°26	15°59	25° 5	4°42	21°38	6°13	8°49	1°39	27°17	27°33	1°59	29°32	W18
T 19	18 26 26	6°34'31	29°46	2°17	17°13	25°39	4°47	21°34	6°11	8°51	1°39	27° 6	27°30	2° 6	29°33	T 19
F 20	18 30 22	7°31'40	14♑ 2	3° 5	18°27	26°14	4°52	21°29	6° 9	8°54	1°39	26°55	27°27	2°13	29°33	F 20
S 21	18 34 19	8°28'50	27°59	3°49	19°40	26°47	4°57	21°25	6° 7	8°56	1°39	26°44	27°24	2°19	29°33	S 21
S 22	18 38 15	9°26'00	11♒32	4°30	20°54	27°21	5° 2	21°21	6° 5	8°58	1°R39	26°36	27°20	2°26	29°33	S 22
M23	18 42 12	10°23'10	24°41	5° 7	22° 8	27°54	5° 8	21°17	6° 3	9° 0	1°39	26°30	27°17	2°33	29°R33	M23
T 24	18 46 8	11°20'20	7♓26	5°40	23°21	28°28	5°13	21°12	6° 1	9° 3	1°39	26°27	27°14	2°39	29°33	T 24
W25	18 50 5	12°17'31	19°50	6° 8	24°35	29° 0	5°19	21° 8	5°59	9° 5	1°39	26°25	27°11	2°46	29°33	W25
T 26	18 54 2	13°14'42	1♈58	6°33	25°49	29°33	5°25	21° 4	5°56	9° 7	1°39	26°D25	27° 8	2°53	29°33	T 26
F 27	18 57 58	14°11'54	13°55	6°53	27° 2	0♈ 5	5°31	20°59	5°54	9° 9	1°39	26°R25	27° 5	2°59	29°33	F 27
S 28	19 1 55	15° 9'06	25°45	7° 8	28°16	0°37	5°37	20°55	5°52	9°12	1°39	26°25	27° 1	3° 6	29°32	S 28
S 29	19 5 51	16° 6'19	7♉35	7°19	29°30	1° 9	5°43	20°50	5°50	9°14	1°39	26°23	26°58	3°13	29°32	S 29
M30	19 9 48	17♋ 3'33	19♉29	7♌25	0♌43	1♈40	5♎49	20♑46	5♒48	9♋16	1♈38	26♓18	26♓55	3♉19	29♓32	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 4	13n40	2n32	25n10	2n 1	23n54	0n29	8s33	2s48	0s13	1n24	21s34	0n 1	19s16	0s38	22n25	0s50	14s33	16s35	0s19	0s37	14n 4	2n53	3n27
M 2	23 9	18 27	3 23	25 0	1 58	23 58	0 32	8 20	2 49	0 14	1 24	21 34	0 1	19 16	0 38	22 25	0 50	14 34	16 36	0 21	0 38	14 7	2 54	3 27
T 3	23 13	22 34	4 4	24 48	1 55	24 2	0 34	8 7	2 51	0 15	1 23	21 35	0 1	19 16	0 38	22 24	0 50	14 34	16 36	0 24	0 40	14 10	2 55	3 27
W 4	23 16	25 46	4 36	24 35	1 51	24 6	0 36	7 54	2 53	0 16	1 23	21 35	0 1	19 17	0 38	22 24	0 50	14 34	16 36	0 29	0 41	14 13	2 55	3 27
T 5	23 19	27 48	4 55	24 20	1 47	24 8	0 38	7 41	2 54	0 17	1 23	21 36	0 1	19 17	0 38	22 24	0 50	14 34	16 37	0 34	0 42	14 16	2 56	3 27
F 6	23 22	28 30	5 0	24 4	1 42	24 10	0 41	7 28	2 56	0 19	1 23	21 37	0 1	19 18	0 38	22 24	0 50	14 34	16 37	0 39	0 43	14 19	2 56	3 27
S 7	23 24	27 42	4 50	23 47	1 36	24 11	0 43	7 16	2 58	0 20	1 22	21 37	0 1	19 18	0 38	22 24	0 50	14 34	16 37	0 44	0 45	14 22	2 57	3 27
S 8	23 26	25 25	4 26	23 29	1 30	24 11	0 45	7 3	3 0	0 22	1 22	21 38	0 1	19 18	0 38	22 24	0 50	14 35	16 38	0 48	0 46	14 25	2 57	3 27
M 9	23 28	21 46	3 48	23 9	1 23	24 11	0 47	6 50	3 1	0 23	1 22	21 39	0 1	19 19	0 38	22 24	0 50	14 35	16 38	0 52	0 47	14 28	2 57	3 28
T 10	23 29	16 58	2 56	22 49	1 15	24 10	0 49	6 37	3 3	0 25	1 22	21 40	0 1	19 19	0 38	22 24	0 50	14 35	16 39	0 54	0 48	14 31	2 58	3 28
W11	23 30	11 16	1 54	22 28	1 7	24 8	0 51	6 25	3 5	0 26	1 21	21 40	0 0	19 20	0 38	22 24	0 50	14 35	16 39	0 55	0 50	14 34	2 58	3 28
T 12	23 30	4 58	0 45	22 7	0 59	24 6	0 53	6 12	3 7	0 28	1 21	21 41	0 0	19 20	0 38	22 23	0 50	14 36	16 39	0 56	0 51	14 37	2 59	3 28
F 13	23 30	1s41	0s29	21 44	0 49	24 2	0 55	6 0	3 8	0 30	1 21	21 42	0 0	19 21	0 38	22 23	0 50	14 36	16 40	0 56	0 52	14 40	2 59	3 28
S 14	23 29	8 21	1 41	21 22	0 39	23 59	0 57	5 47	3 10	0 31	1 21	21 42	0 0	19 21	0 38	22 23	0 50	14 36	16 40	0 56	0 53	14 44	2 59	3 28
S 15	23 28	14 41	2 49	20 59	0 29	23 54	0 59	5 35	3 12	0 33	1 20	21 43	0 0	19 22	0 39	22 23	0 50	14 36	16 40	0 57	0 55	14 47	3 0	3 28
M16	23 27	20 17	3 46	20 36	0 18	23 49	1 0	5 22	3 13	0 35	1 20	21 44	0 0	19 22	0 39	22 23	0 50	14 37	16 41	0 58	0 56	14 50	3 0	3 28
T 17	23 25	24 43	4 29	20 12	0 7	23 42	1 2	5 10	3 15	0 37	1 20	21 45	0s 0	19 23	0 39	22 23	0 50	14 37	16 41	1 1	0 57	14 53	3 0	3 29
W18	23 23	27 33	4 54	19 49	0s 5	23 36	1 4	4 58	3 17	0 39	1 20	21 45	0 0	19 23	0 39	22 23	0 50	14 37	16 42	1 5	0 59	14 56	3 0	3 29
T 19	23 20	28 30	5 0	19 25	0 17	23 28	1 6	4 46	3 19	0 41	1 19	21 46	0 0	19 24	0 39	22 22	0 50	14 38	16 42	1 9	1 0	14 59	3 1	3 29
F 20	23 17	27 31	4 48	19 2	0 30	23 20	1 7	4 34	3 20	0 44	1 19	21 47	0 0	19 24	0 39	22 22	0 50	14 38	16 42	1 14	1 1	15 2	3 1	3 29
S 21	23 13	24 49	4 18	18 39	0 43	23 11	1 9	4 22	3 22	0 46	1 19	21 48	0 0	19 25	0 39	22 22	0 50	14 38	16 43	1 18	1 2	15 5	3 1	3 29
S 22	23 10	20 47	3 34	18 17	0 56	23 2	1 10	4 10	3 24	0 48	1 19	21 48	0 1	19 25	0 39	22 22	0 50	14 39	16 43	1 21	1 4	15 8	3 1	3 29
M23	23 5	15 50	2 40	17 54	1 10	22 51	1 12	3 58	3 25	0 51	1 18	21 49	0 1	19 26	0 39	22 22	0 50	14 39	16 43	1 24	1 5	15 11	3 1	3 29
T 24	23 1	10 20	1 39	17 33	1 24	22 41	1 13	3 47	3 27	0 53	1 18	21 50	0 1	19 26	0 39	22 22	0 50	14 39	16 44	1 25	1 6	15 14	3 1	3 29
W25	22 56	4 34	0 35	17 12	1 38	22 29	1 15	3 35	3 29	0 55	1 18	21 51	0 1	19 27	0 39	22 22	0 50	14 40	16 44	1 26	1 7	15 17	3 1	3 30
T 26	22 50	1n14	0n29	16 52	1 52	22 17	1 16	3 24	3 31	0 58	1 18	21 51	0 1	19 27	0 39	22 21	0 50	14 40	16 44	1 26	1 9	15 20	3 1	3 30
F 27	22 44	6 54	1 32	16 33	2 7	22 4	1 17	3 13	3 32	1 0	1 17	21 52	0 1	19 28	0 39	22 21	0 50	14 40	16 45	1 26	1 10	15 23	3 2	3 30
S 28	22 38	12 17	2 29	16 15	2 21	21 51	1 19	3 1	3 34	1 3	1 17	21 53	0 1	19 29	0 39	22 21	0 50	14 41	16 45	1 26	1 11	15 26	3 2	3 30
S 29	22 31	17 14	3 20	15 58	2 36	21 36	1 20	2 50	3 36	1 6	1 17	21 54	0 1	19 29	0 39	22 21	0 50	14 41	16 46	1 27	1 12	15 29	3 2	3 30
M30	22n24	21n32	4n 3	15n43	2s50	21n22	1n21	2s39	3s37	1s 9	1n17	21s54	0s 1	19s30	0s39	22n21	0s50	14s42	16s46	1s28	1s14	15n32	3n 2	3n30

Julian Day Number = 2297573.5, Delta T = 122.82 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'26, Lahiri = 17°58'26 Julian Calendar 1 June 1578 == Greg. Calendar 11 June 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

JULY 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 13 44	18♋ 0'47	1♊31	7°R27	1♌57	2♈12	5♎56	20°R42	5°R45	9♋18	1°R38	26°R12	26♓52	3♉26	29°R31	T 1
W 2	19 17 41	18°58'02	13°45	7♌23	3°10	2°42	6° 2	20♑37	5♒43	9°20	1♈38	26♓ 3	26°49	3°33	29♓31	W 2
T 3	19 21 37	19°55'17	26°14	7°15	4°24	3°13	6° 9	20°33	5°41	9°23	1°38	25°52	26°45	3°39	29°30	T 3
F 4	19 25 34	20°52'34	8♋58	7° 2	5°38	3°43	6°16	20°28	5°39	9°25	1°38	25°41	26°42	3°46	29°30	F 4
S 5	19 29 31	21°49'50	21°58	6°44	6°51	4°13	6°23	20°24	5°36	9°27	1°37	25°30	26°39	3°53	29°29	S 5
S 6	19 33 27	22°47'07	5♌12	6°21	8° 5	4°42	6°30	20°20	5°34	9°29	1°37	25°21	26°36	4° 0	29°29	S 6
M 7	19 37 24	23°44'25	18°40	5°54	9°19	5°11	6°38	20°15	5°32	9°31	1°37	25°13	26°33	4° 6	29°28	M 7
T 8	19 41 20	24°41'43	2♍18	5°23	10°32	5°40	6°45	20°11	5°29	9°34	1°36	25° 9	26°30	4°13	29°27	T 8
W 9	19 45 17	25°39'02	16° 5	4°49	11°46	6° 8	6°53	20° 6	5°27	9°36	1°36	25° 7	26°26	4°20	29°26	W 9
T 10	19 49 13	26°36'21	29°59	4°11	13° 0	6°36	7° 0	20° 2	5°25	9°38	1°36	25°D 7	26°23	4°26	29°25	T 10
F 11	19 53 10	27°33'40	14♎ 1	3°31	14°13	7° 3	7° 8	19°57	5°22	9°40	1°35	25° 7	26°20	4°33	29°24	F 11
S 12	19 57 6	28°31'00	28° 7	2°48	15°27	7°30	7°16	19°53	5°20	9°42	1°35	25°R 8	26°17	4°40	29°23	S 12
S 13	20 1 3	29°28'20	12♏18	2° 5	16°40	7°57	7°24	19°49	5°18	9°44	1°34	25° 7	26°14	4°46	29°22	S 13
M14	20 5 0	0♌25'41	26°32	1°20	17°54	8°23	7°32	19°44	5°15	9°46	1°34	25° 4	26°11	4°53	29°21	M14
T 15	20 8 56	1°23'03	10♐46	0°36	19° 8	8°49	7°40	19°40	5°13	9°49	1°33	25° 0	26° 7	5° 0	29°20	T 15
W16	20 12 53	2°20'25	24°57	29♋53	20°21	9°14	7°49	19°36	5°10	9°51	1°33	24°53	26° 4	5° 6	29°19	W16
T 17	20 16 49	3°17'48	9♑ 1	29°12	21°35	9°39	7°57	19°32	5° 8	9°53	1°32	24°45	26° 1	5°13	29°18	T 17
F 18	20 20 46	4°15'11	22°52	28°33	22°48	10° 4	8° 6	19°27	5° 6	9°55	1°32	24°37	25°58	5°20	29°17	F 18
S 19	20 24 42	5°12'36	6♒28	27°58	24° 2	10°28	8°15	19°23	5° 3	9°57	1°31	24°29	25°55	5°26	29°15	S 19
S 20	20 28 39	6°10'01	19°46	27°27	25°15	10°51	8°24	19°19	5° 1	9°59	1°31	24°23	25°51	5°33	29°14	S 20
M21	20 32 36	7° 7'28	2♓44	27° 1	26°29	11°14	8°32	19°15	4°58	10° 1	1°30	24°19	25°48	5°40	29°12	M21
T 22	20 36 32	8° 4'55	15°23	26°40	27°42	11°36	8°42	19°11	4°56	10° 3	1°30	24°17	25°45	5°46	29°11	T 22
W23	20 40 29	9° 2'24	27°44	26°24	28°56	11°58	8°51	19° 7	4°54	10° 5	1°29	24°D16	25°42	5°53	29° 9	W23
T 24	20 44 25	9°59'54	9♈52	26°15	0♍ 9	12°20	9° 0	19° 3	4°51	10° 7	1°28	24°17	25°39	6° 0	29° 8	T 24
F 25	20 48 22	10°57'25	21°48	26°D12	1°23	12°41	9° 9	18°59	4°49	10° 9	1°28	24°19	25°36	6° 6	29° 6	F 25
S 26	20 52 18	11°54'58	3♉40	26°17	2°36	13° 1	9°19	18°55	4°46	10°11	1°27	24°20	25°32	6°13	29° 5	S 26
S 27	20 56 15	12°52'32	15°31	26°28	3°50	13°21	9°28	18°51	4°44	10°13	1°26	24°R20	25°29	6°20	29° 3	S 27
M28	21 0 11	13°50'08	27°26	26°46	5° 3	13°40	9°38	18°47	4°42	10°15	1°25	24°19	25°26	6°26	29° 1	M28
T 29	21 4 8	14°47'45	9♊31	27°11	6°17	13°58	9°48	18°44	4°39	10°17	1°25	24°16	25°23	6°33	28°59	T 29
W30	21 8 5	15°45'24	21°49	27°43	7°30	14°16	9°57	18°40	4°37	10°19	1°24	24°12	25°20	6°40	28°58	W30
T 31	21 12 1	16♌43'05	4♋24	28♋23	8♍44	14♈33	10♎ 7	18♑36	4♒35	10♋21	1♈23	24♓ 7	25♓17	6♉46	28♓56	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	22n17	25n 0	4n35	15n29	3s 4	21n 6	1n22	2s28	3s39	1s11	1n17	21s55	0s 1	19s30	0s39	22n21	0s50	14s42	16s46	1s31	1s15	15n34	3n 1	3n30
W 2	22 9	27 24	4 56	15 16	3 18	20 50	1 23	2 18	3 41	1 14	1 16	21 56	0 1	19 31	0 39	22 21	0 50	14 42	16 47	1 35	1 16	15 37	3 1	3 30
T 3	22 1	28 29	5 3	15 5	3 32	20 34	1 24	2 7	3 42	1 17	1 16	21 57	0 1	19 31	0 39	22 20	0 50	14 43	16 47	1 39	1 18	15 40	3 1	3 31
F 4	21 52	28 6	4 55	14 56	3 45	20 17	1 25	1 57	3 44	1 20	1 16	21 57	0 2	19 32	0 39	22 20	0 50	14 43	16 47	1 43	1 19	15 43	3 1	3 31
S 5	21 43	26 10	4 32	14 48	3 57	19 59	1 26	1 46	3 46	1 23	1 16	21 58	0 2	19 33	0 39	22 20	0 50	14 44	16 48	1 48	1 20	15 46	3 1	3 31
S 6	21 34	22 47	3 53	14 43	4 9	19 41	1 27	1 36	3 47	1 26	1 15	21 59	0 2	19 33	0 39	22 20	0 50	14 44	16 48	1 51	1 21	15 49	3 1	3 31
M 7	21 24	18 9	3 2	14 39	4 19	19 22	1 27	1 26	3 49	1 29	1 15	22 0	0 2	19 34	0 39	22 20	0 50	14 44	16 48	1 54	1 23	15 52	3 1	3 31
T 8	21 14	12 32	1 59	14 37	4 29	19 3	1 28	1 16	3 51	1 32	1 15	22 0	0 2	19 34	0 39	22 20	0 50	14 45	16 49	1 56	1 24	15 55	3 1	3 31
W 9	21 4	6 15	0 48	14 37	4 37	18 43	1 28	1 7	3 52	1 35	1 15	22 1	0 2	19 35	0 39	22 20	0 49	14 45	16 49	1 57	1 25	15 58	3 0	3 31
T 10	20 53	0s24	0s26	14 39	4 44	18 23	1 29	0 57	3 54	1 39	1 15	22 2	0 2	19 35	0 39	22 19	0 49	14 46	16 49	1 57	1 26	16 1	3 0	3 31
F 11	20 42	7 4	1 39	14 43	4 49	18 2	1 29	0 48	3 55	1 42	1 14	22 3	0 2	19 36	0 39	22 19	0 49	14 46	16 50	1 57	1 28	16 4	3 0	3 31
S 12	20 30	13 26	2 47	14 49	4 53	17 40	1 30	0 39	3 57	1 45	1 14	22 3	0 2	19 37	0 39	22 19	0 49	14 47	16 50	1 56	1 29	16 7	2 59	3 32
S 13	20 19	19 8	3 45	14 57	4 55	17 18	1 30	0 30	3 59	1 49	1 14	22 4	0 2	19 37	0 39	22 19	0 49	14 47	16 51	1 57	1 30	16 10	2 59	3 32
M14	20 6	23 47	4 29	15 6	4 55	16 56	1 30	0 21	4 0	1 52	1 14	22 5	0 2	19 38	0 39	22 19	0 49	14 48	16 51	1 58	1 31	16 13	2 59	3 32
T 15	19 54	27 1	4 57	15 17	4 54	16 33	1 30	0 12	4 2	1 56	1 14	22 6	0 3	19 38	0 39	22 19	0 49	14 48	16 51	2 0	1 33	16 16	2 58	3 32
W16	19 41	28 30	5 6	15 29	4 51	16 10	1 31	0 3	4 3	1 59	1 13	22 6	0 3	19 39	0 39	22 18	0 49	14 49	16 52	2 2	1 34	16 19	2 58	3 32
T 17	19 28	28 7	4 57	15 42	4 46	15 46	1 31	0n 5	4 5	2 3	1 13	22 7	0 3	19 40	0 39	22 18	0 49	14 49	16 52	2 5	1 35	16 22	2 58	3 32
F 18	19 14	25 59	4 30	15 57	4 39	15 22	1 31	0 13	4 6	2 6	1 13	22 8	0 3	19 40	0 39	22 18	0 49	14 50	16 52	2 9	1 36	16 24	2 57	3 32
S 19	19 1	22 23	3 48	16 12	4 30	14 58	1 30	0 21	4 8	2 10	1 13	22 8	0 3	19 41	0 39	22 18	0 49	14 50	16 52	2 12	1 38	16 27	2 57	3 32
S 20	18 47	17 41	2 55	16 28	4 21	14 33	1 30	0 29	4 9	2 13	1 13	22 9	0 3	19 41	0 39	22 18	0 49	14 51	16 53	2 14	1 39	16 30	2 56	3 32
M21	18 32	12 17	1 54	16 44	4 9	14 8	1 30	0 36	4 11	2 17	1 12	22 10	0 3	19 42	0 39	22 18	0 50	14 51	16 53	2 16	1 40	16 33	2 56	3 33
T 22	18 17	6 31	0 48	17 0	3 57	13 42	1 30	0 44	4 12	2 21	1 12	22 10	0 3	19 43	0 39	22 18	0 50	14 52	16 53	2 17	1 42	16 36	2 55	3 33
W23	18 2	0 37	0n19	17 16	3 43	13 16	1 29	0 51	4 14	2 25	1 12	22 11	0 3	19 43	0 39	22 17	0 50	14 52	16 54	2 17	1 43	16 39	2 55	3 33
T 24	17 47	5n12	1 23	17 32	3 29	12 50	1 29	0 58	4 15	2 29	1 12	22 12	0 3	19 44	0 39	22 17	0 50	14 53	16 54	2 16	1 44	16 42	2 54	3 33
F 25	17 31	10 44	2 24	17 48	3 13	12 23	1 28	1 5	4 17	2 32	1 12	22 12	0 3	19 44	0 39	22 17	0 50	14 53	16 54	2 16	1 45	16 45	2 54	3 33
S 26	17 16	15 51	3 17	18 3	2 57	11 56	1 28	1 11	4 18	2 36	1 11	22 13	0 3	19 45	0 39	22 17	0 50	14 54	16 55	2 15	1 47	16 48	2 53	3 33
S 27	16 59	20 23	4 2	18 17	2 41	11 29	1 27	1 18	4 19	2 40	1 11	22 14	0 4	19 45	0 39	22 17	0 50	14 55	16 55	2 15	1 48	16 50	2 53	3 33
M28	16 43	24 8	4 37	18 30	2 24	11 1	1 26	1 24	4 21	2 44	1 11	22 14	0 4	19 46	0 39	22 17	0 50	14 55	16 55	2 16	1 49	16 53	2 52	3 33
T 29	16 26	26 53	5 0	18 42	2 7	10 33	1 26	1 30	4 22	2 48	1 11	22 15	0 4	19 47	0 39	22 16	0 50	14 56	16 55	2 17	1 50	16 56	2 51	3 33
W30	16 9	28 24	5 10	18 52	1 50	10 5	1 25	1 36	4 23	2 52	1 11	22 15	0 4	19 47	0 39	22 16	0 50	14 56	16 56	2 19	1 52	16 59	2 51	3 33
T 31	15n52	28n31	5n 6	19n 1	1s33	9n37	1n24	1n41	4s24	2s56	1n11	22s16	0s 4	19s48	0s39	22n16	0s50	14s57	16s56	2s21	1s53	17n 2	2n50	3n33

Julian Day Number = 2297603.5, Delta T = 122.68 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'30, Lahiri = 17°58'30 Julian Calendar 1 July 1578 == Greg. Calendar 11 July 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

AUGUST 1578 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 15 58	17♌40'46	17♋18	29♋ 9	9♍57	14♈50	10♎17	18°R33	4°R32	10♋22	1°R22	24°R 1	25♓13	6♉53	28°R54	F 1
S 2	21 19 54	18°38'30	0♌33	0♌ 2	11°11	15° 5	10°28	18♑29	4♒30	10°24	1♈22	23♓55	25°10	7° 0	28♓52	S 2
S 3	21 23 51	19°36'14	14° 6	1° 2	12°24	15°21	10°38	18°26	4°28	10°26	1°21	23°50	25° 7	7° 6	28°50	S 3
M 4	21 27 47	20°34'00	27°56	2° 8	13°38	15°35	10°48	18°22	4°26	10°28	1°20	23°46	25° 4	7°13	28°48	M 4
T 5	21 31 44	21°31'48	11♍59	3°21	14°51	15°49	10°58	18°19	4°23	10°30	1°19	23°44	25° 1	7°20	28°46	T 5
W 6	21 35 40	22°29'37	26°12	4°39	16° 5	16° 2	11° 9	18°16	4°21	10°31	1°18	23°D44	24°57	7°27	28°44	W 6
T 7	21 39 37	23°27'26	10♎30	6° 2	17°18	16°14	11°19	18°12	4°19	10°33	1°17	23°44	24°54	7°33	28°41	T 7
F 8	21 43 34	24°25'18	24°49	7°31	18°31	16°26	11°30	18° 9	4°17	10°35	1°16	23°46	24°51	7°40	28°39	F 8
S 9	21 47 30	25°23'10	9♏ 7	9° 5	19°45	16°37	11°41	18° 6	4°14	10°37	1°16	23°47	24°48	7°47	28°37	S 9
S 10	21 51 27	26°21'04	23°20	10°43	20°58	16°47	11°51	18° 3	4°12	10°38	1°15	23°R48	24°45	7°53	28°35	S 10
M11	21 55 23	27°18'59	7♐27	12°24	22°11	16°56	12° 2	18° 0	4°10	10°40	1°14	23°47	24°42	8° 0	28°33	M11
T 12	21 59 20	28°16'55	21°26	14° 9	23°25	17° 4	12°13	17°57	4° 8	10°42	1°13	23°46	24°38	8° 7	28°30	T 12
W13	22 3 16	29°14'53	5♑15	15°57	24°38	17°12	12°24	17°55	4° 6	10°43	1°12	23°43	24°35	8°13	28°28	W13
T 14	22 7 13	0♏12'52	18°53	17°47	25°51	17°19	12°35	17°52	4° 4	10°45	1°11	23°40	24°32	8°20	28°25	T 14
F 15	22 11 9	1°10'53	2♒18	19°39	27° 5	17°25	12°46	17°49	4° 2	10°46	1°10	23°37	24°29	8°27	28°23	F 15
S 16	22 15 6	2° 8'55	15°29	21°33	28°18	17°31	12°58	17°47	4° 0	10°48	1° 9	23°34	24°26	8°33	28°21	S 16
S 17	22 19 3	3° 6'58	28°26	23°28	29°31	17°35	13° 9	17°44	3°58	10°50	1° 8	23°31	24°23	8°40	28°18	S 17
M18	22 22 59	4° 5'03	11♓ 7	25°24	0♎44	17°39	13°20	17°42	3°56	10°51	1° 7	23°30	24°19	8°47	28°16	M18
T 19	22 26 56	5° 3'10	23°35	27°21	1°57	17°41	13°32	17°40	3°54	10°52	1° 6	23°D29	24°16	8°53	28°13	T 19
W20	22 30 52	6° 1'19	5♈49	29°17	3°11	17°43	13°43	17°37	3°52	10°54	1° 5	23°30	24°13	9° 0	28°11	W20
T 21	22 34 49	6°59'29	17°52	1♍14	4°24	17°44	13°55	17°35	3°50	10°55	1° 4	23°31	24°10	9° 7	28° 8	T 21
F 22	22 38 45	7°57'42	29°47	3°10	5°37	17°R45	14° 6	17°33	3°48	10°57	1° 3	23°32	24° 7	9°13	28° 5	F 22
S 23	22 42 42	8°55'56	11♉38	5° 6	6°50	17°44	14°18	17°31	3°46	10°58	1° 1	23°34	24° 3	9°20	28° 3	S 23
S 24	22 46 38	9°54'13	23°29	7° 2	8° 3	17°42	14°30	17°30	3°44	10°59	1° 0	23°35	24° 0	9°27	28° 0	S 24
M25	22 50 35	10°52'31	5♊24	8°57	9°16	17°40	14°41	17°28	3°43	11° 1	0°59	23°35	23°57	9°34	27°58	M25
T 26	22 54 31	11°50'52	17°27	10°51	10°29	17°36	14°53	17°26	3°41	11° 2	0°58	23°R35	23°54	9°40	27°55	T 26
W27	22 58 28	12°49'15	29°45	12°44	11°42	17°32	15° 5	17°24	3°39	11° 3	0°57	23°35	23°51	9°47	27°52	W27
T 28	23 2 25	13°47'40	12♋20	14°36	12°55	17°27	15°17	17°23	3°38	11° 5	0°56	23°34	23°48	9°54	27°50	T 28
F 29	23 6 21	14°46'07	25°17	16°27	14° 8	17°21	15°29	17°22	3°36	11° 6	0°55	23°33	23°44	10° 0	27°47	F 29
S 30	23 10 18	15°44'37	8♌37	18°17	15°21	17°14	15°41	17°20	3°34	11° 7	0°54	23°32	23°41	10° 7	27°44	S 30
S 31	23 14 14	16♍43'08	22♌20	20♍ 7	16♎34	17♈ 7	15♎53	17♑19	3♒33	11♋ 8	0♈53	23♓31	23♓38	10♉14	27♓41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n34	27n 5	4n45	19n 7	1s17	9n 8	1n23	1n46	4s26	3s 0	1n10	22s16	0s 4	19s48	0s39	22n16	0s50	14s57	16s56	2s23	1s54	17n 5	2n49	3n33
S 2	15 16	24 9	4 10	19 12	1 0	8 39	1 22	1 51	4 27	3 4	1 10	22 17	0 4	19 49	0 39	22 16	0 50	14 58	16 57	2 25	1 55	17 8	2 49	3 33
S 3	14 58	19 49	3 19	19 15	0 44	8 10	1 21	1 56	4 28	3 9	1 10	22 18	0 4	19 49	0 39	22 16	0 50	14 58	16 57	2 27	1 57	17 10	2 48	3 34
M 4	14 40	14 21	2 16	19 16	0 29	7 40	1 19	2 1	4 29	3 13	1 10	22 18	0 4	19 50	0 39	22 16	0 50	14 59	16 57	2 29	1 58	17 13	2 47	3 34
T 5	14 22	8 4	1 4	19 14	0 14	7 11	1 18	2 5	4 30	3 17	1 10	22 19	0 4	19 50	0 39	22 15	0 50	15 0	16 57	2 30	1 59	17 16	2 46	3 34
W 6	14 3	1 18	0s14	19 9	0n 0	6 41	1 17	2 9	4 31	3 21	1 10	22 19	0 4	19 51	0 39	22 15	0 50	15 0	16 58	2 30	2 0	17 19	2 46	3 34
T 7	13 44	5s33	1 31	19 2	0 14	6 11	1 15	2 13	4 32	3 25	1 9	22 20	0 4	19 52	0 39	22 15	0 50	15 1	16 58	2 30	2 2	17 22	2 45	3 34
F 8	13 25	12 9	2 42	18 51	0 26	5 41	1 14	2 16	4 33	3 30	1 9	22 20	0 5	19 52	0 39	22 15	0 50	15 1	16 58	2 29	2 3	17 25	2 44	3 34
S 9	13 5	18 6	3 43	18 38	0 38	5 11	1 12	2 20	4 34	3 34	1 9	22 21	0 5	19 53	0 39	22 15	0 50	15 2	16 58	2 28	2 4	17 27	2 43	3 34
S 10	12 46	23 1	4 31	18 23	0 49	4 40	1 11	2 23	4 35	3 38	1 9	22 21	0 5	19 53	0 39	22 15	0 50	15 2	16 59	2 28	2 6	17 30	2 42	3 34
M11	12 26	26 33	5 1	18 4	0 59	4 10	1 9	2 25	4 36	3 43	1 9	22 22	0 5	19 54	0 39	22 15	0 50	15 3	16 59	2 28	2 7	17 33	2 41	3 34
T 12	12 6	28 26	5 14	17 42	1 8	3 39	1 7	2 28	4 36	3 47	1 9	22 22	0 5	19 54	0 39	22 14	0 50	15 4	16 59	2 29	2 8	17 36	2 40	3 34
W13	11 46	28 31	5 8	17 18	1 16	3 8	1 5	2 30	4 37	3 52	1 9	22 23	0 5	19 55	0 39	22 14	0 50	15 4	16 59	2 30	2 9	17 39	2 40	3 34
T 14	11 25	26 51	4 44	16 51	1 23	2 37	1 3	2 32	4 38	3 56	1 8	22 23	0 5	19 55	0 39	22 14	0 50	15 5	16 59	2 31	2 11	17 41	2 39	3 34
F 15	11 5	23 41	4 5	16 22	1 29	2 6	1 2	2 34	4 38	4 1	1 8	22 23	0 5	19 56	0 39	22 14	0 50	15 5	17 0	2 33	2 12	17 44	2 38	3 34
S 16	10 44	19 19	3 14	15 50	1 34	1 35	1 0	2 36	4 39	4 5	1 8	22 24	0 5	19 56	0 39	22 14	0 50	15 6	17 0	2 34	2 13	17 47	2 37	3 34
S 17	10 23	14 8	2 14	15 17	1 39	1 4	0 57	2 37	4 39	4 10	1 8	22 24	0 5	19 56	0 39	22 14	0 50	15 6	17 0	2 35	2 14	17 50	2 36	3 34
M18	10 2	8 27	1 8	14 41	1 42	0 33	0 55	2 38	4 40	4 14	1 8	22 25	0 5	19 57	0 39	22 14	0 50	15 7	17 0	2 35	2 16	17 52	2 35	3 34
T 19	9 41	2 33	0n 0	14 4	1 45	0 2	0 53	2 39	4 40	4 19	1 8	22 25	0 5	19 57	0 39	22 13	0 50	15 8	17 0	2 35	2 17	17 55	2 34	3 34
W20	9 19	3n21	1 8	13 24	1 46	0s29	0 51	2 39	4 40	4 23	1 8	22 25	0 6	19 58	0 39	22 13	0 50	15 8	17 1	2 35	2 18	17 58	2 33	3 34
T 21	8 58	9 2	2 11	12 44	1 47	1 0	0 49	2 39	4 40	4 28	1 8	22 26	0 6	19 58	0 39	22 13	0 50	15 9	17 1	2 35	2 19	18 1	2 32	3 34
F 22	8 36	14 21	3 7	12 2	1 47	1 32	0 46	2 39	4 40	4 32	1 7	22 26	0 6	19 59	0 39	22 13	0 50	15 9	17 1	2 34	2 21	18 4	2 31	3 34
S 23	8 14	19 6	3 56	11 19	1 47	2 3	0 44	2 39	4 40	4 37	1 7	22 26	0 6	19 59	0 39	22 13	0 50	15 10	17 1	2 34	2 22	18 6	2 30	3 34
S 24	7 52	23 6	4 34	10 35	1 46	2 34	0 42	2 39	4 40	4 42	1 7	22 27	0 6	19 59	0 39	22 13	0 50	15 10	17 1	2 33	2 23	18 9	2 29	3 34
M25	7 30	26 11	5 1	9 51	1 44	3 5	0 39	2 38	4 40	4 46	1 7	22 27	0 6	20 0	0 39	22 13	0 50	15 11	17 1	2 33	2 24	18 12	2 28	3 34
T 26	7 8	28 8	5 15	9 5	1 42	3 36	0 37	2 37	4 40	4 51	1 7	22 27	0 6	20 0	0 39	22 13	0 50	15 11	17 1	2 33	2 26	18 15	2 27	3 34
W27	6 46	28 45	5 15	8 19	1 39	4 7	0 34	2 36	4 39	4 56	1 7	22 28	0 6	20 1	0 39	22 12	0 50	15 12	17 2	2 33	2 27	18 17	2 25	3 34
T 28	6 23	27 54	5 0	7 33	1 36	4 38	0 31	2 34	4 39	5 0	1 7	22 28	0 6	20 1	0 39	22 12	0 50	15 13	17 2	2 34	2 28	18 20	2 24	3 34
F 29	6 1	25 33	4 30	6 46	1 32	5 9	0 29	2 32	4 38	5 5	1 7	22 28	0 6	20 1	0 39	22 12	0 50	15 13	17 2	2 34	2 30	18 23	2 23	3 34
S 30	5 38	21 45	3 44	6 0	1 28	5 40	0 26	2 30	4 38	5 10	1 7	22 28	0 6	20 2	0 39	22 12	0 50	15 14	17 2	2 35	2 31	18 25	2 22	3 34
S 31	5n15	16n41	2n44	5n12	1n24	6s10	0n23	2n28	4s37	5s15	1n 6	22s29	0s 6	20s 2	0s39	22n12	0s50	15s14	17s 2	2s35	2s32	18n28	2n21	3n34

Julian Day Number = 2297634.5, Delta T = 122.52 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'34, Lahiri = 17°58'35 Julian Calendar 1 Aug. 1578 == Greg. Calendar 11 Aug. 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

SEPTEMBER 1578 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 18 11	17♍41'41	6♍26	21♍55	17♎47	16°R58	16♎ 5	17°R18	3°R31	11♋ 9	0°R51	23°R30	23♓35	10♉20	27°R39	M 1
T 2	23 22 7	18°40'17	20°51	23°42	19° 0	16♈49	16°18	17♉17	3♒30	11°10	0♈50	23°D30	23°32	10°27	27♓36	T 2
W 3	23 26 4	19°38'54	5♎29	25°28	20°13	16°39	16°30	17°16	3°28	11°11	0°49	23♓30	23°28	10°34	27°33	W 3
T 4	23 30 0	20°37'33	20°14	27°13	21°26	16°28	16°42	17°15	3°27	11°12	0°48	23°30	23°25	10°40	27°30	T 4
F 5	23 33 57	21°36'14	4♏59	28°57	22°39	16°16	16°55	17°14	3°26	11°13	0°47	23°31	23°22	10°47	27°27	F 5
S 6	23 37 54	22°34'57	19°37	0♎40	23°52	16° 4	17° 7	17°14	3°24	11°14	0°46	23°31	23°19	10°54	27°25	S 6
S 7	23 41 50	23°33'41	4♐ 4	2°22	25° 5	15°51	17°19	17°13	3°23	11°15	0°44	23°R31	23°16	11° 0	27°22	S 7
M 8	23 45 47	24°32'28	18°15	4° 4	26°18	15°37	17°32	17°13	3°22	11°16	0°43	23°D31	23°13	11° 7	27°19	M 8
T 9	23 49 43	25°31'16	2♑ 9	5°44	27°30	15°23	17°44	17°12	3°21	11°17	0°42	23°31	23° 9	11°14	27°16	T 9
W10	23 53 40	26°30'05	15°46	7°23	28°43	15° 8	17°57	17°12	3°20	11°18	0°41	23°31	23° 6	11°20	27°13	W10
T 11	23 57 36	27°28'57	29° 5	9° 1	29°56	14°52	18° 9	17°12	3°18	11°19	0°40	23°31	23° 3	11°27	27°11	T 11
F 12	0 1 33	28°27'50	12♒ 9	10°38	1♏ 9	14°36	18°22	17°D12	3°17	11°20	0°39	23°32	23° 0	11°34	27° 8	F 12
S 13	0 5 29	29°26'45	24°57	12°15	2°21	14°20	18°35	17°12	3°16	11°20	0°37	23°32	22°57	11°41	27° 5	S 13
S 14	0 9 26	0♎25'42	7♓33	13°50	3°34	14° 3	18°47	17°12	3°15	11°21	0°36	23°33	22°54	11°47	27° 2	S 14
M15	0 13 23	1°24'40	19°56	15°25	4°47	13°45	19° 0	17°12	3°15	11°22	0°35	23°R33	22°50	11°54	26°59	M15
T 16	0 17 19	2°23'41	2♈10	16°59	5°59	13°27	19°13	17°13	3°14	11°22	0°34	23°33	22°47	12° 1	26°56	T 16
W17	0 21 16	3°22'44	14°14	18°32	7°12	13° 9	19°26	17°13	3°13	11°23	0°33	23°32	22°44	12° 7	26°54	W17
T 18	0 25 12	4°21'49	26°12	20° 4	8°24	12°51	19°38	17°14	3°12	11°24	0°31	23°31	22°41	12°14	26°51	T 18
F 19	0 29 9	5°20'56	8♉ 5	21°35	9°37	12°33	19°51	17°14	3°11	11°24	0°30	23°30	22°38	12°21	26°48	F 19
S 20	0 33 5	6°20'05	19°55	23° 6	10°49	12°14	20° 4	17°15	3°11	11°25	0°29	23°28	22°34	12°27	26°45	S 20
S 21	0 37 2	7°19'17	1♊45	24°35	12° 2	11°55	20°17	17°16	3°10	11°25	0°28	23°26	22°31	12°34	26°43	S 21
M22	0 40 58	8°18'30	13°40	26° 4	13°14	11°36	20°30	17°17	3° 9	11°26	0°27	23°24	22°28	12°41	26°40	M22
T 23	0 44 55	9°17'47	25°42	27°32	14°27	11°17	20°43	17°18	3° 9	11°26	0°26	23°23	22°25	12°47	26°37	T 23
W24	0 48 52	10°17'05	7♋57	28°59	15°39	10°58	20°56	17°19	3° 8	11°27	0°24	23°D22	22°22	12°54	26°34	W24
T 25	0 52 48	11°16'26	20°27	0♏26	16°51	10°39	21° 9	17°20	3° 8	11°27	0°23	23°22	22°19	13° 1	26°32	T 25
F 26	0 56 45	12°15'49	3♌19	1°51	18° 4	10°21	21°22	17°22	3° 8	11°27	0°22	23°23	22°15	13° 8	26°29	F 26
S 27	1 0 41	13°15'15	16°35	3°16	19°16	10° 2	21°35	17°23	3° 7	11°27	0°21	23°25	22°12	13°14	26°26	S 27
S 28	1 4 38	14°14'43	0♍17	4°40	20°28	9°44	21°48	17°25	3° 7	11°28	0°20	23°26	22° 9	13°21	26°24	S 28
M29	1 8 34	15°14'13	14°26	6° 2	21°41	9°25	22° 1	17°26	3° 7	11°28	0°19	23°27	22° 6	13°28	26°21	M29
T 30	1 12 31	16♎13'45	29♍ 0	7♏24	22♏53	9♈ 8	22♎14	17♉28	3♒ 6	11♋28	0♈18	23°R27	22♓ 3	13♉34	26♓18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n52	10n37	1n33	4n25	1n19	6s41	0n20	2n26	4s36	5s19	1n 6	22s29	0s 6	20s 2	0s39	22n12	0s50	15s15	17s 2	2s35	2s33	18n31	2n20	3n34
T 2	4 30	3 52	0 15	3 38	1 14	7 11	0 18	2 23	4 35	5 24	1 6	22 29	0 6	20 3	0 39	22 12	0 50	15 15	17 2	2 35	2 35	18 34	2 19	3 34
W 3	4 6	3s12	1s 6	2 51	1 8	7 42	0 15	2 20	4 34	5 29	1 6	22 29	0 7	20 3	0 39	22 12	0 50	15 16	17 2	2 35	2 36	18 36	2 18	3 34
T 4	3 43	10 8	2 23	2 4	1 3	8 12	0 12	2 17	4 33	5 34	1 6	22 29	0 7	20 3	0 39	22 12	0 50	15 16	17 2	2 35	2 37	18 39	2 16	3 34
F 5	3 20	16 31	3 30	1 17	0 57	8 42	0 9	2 14	4 31	5 39	1 6	22 30	0 7	20 4	0 39	22 11	0 50	15 17	17 2	2 35	2 38	18 42	2 15	3 34
S 6	2 57	21 54	4 24	0 31	0 51	9 11	0 6	2 11	4 30	5 43	1 6	22 30	0 7	20 4	0 39	22 11	0 50	15 17	17 2	2 35	2 40	18 44	2 14	3 34
S 7	2 34	25 54	4 59	0s16	0 45	9 41	0 3	2 7	4 28	5 48	1 6	22 30	0 7	20 4	0 39	22 11	0 50	15 18	17 3	2 35	2 41	18 47	2 13	3 34
M 8	2 10	28 13	5 16	1 2	0 38	10 10	0s 0	2 4	4 26	5 53	1 6	22 30	0 7	20 4	0 39	22 11	0 50	15 18	17 3	2 35	2 42	18 50	2 12	3 34
T 9	1 47	28 42	5 14	1 48	0 32	10 40	0 3	2 0	4 24	5 58	1 6	22 30	0 7	20 5	0 39	22 11	0 50	15 19	17 3	2 35	2 43	18 52	2 11	3 34
W10	1 24	27 25	4 54	2 33	0 25	11 8	0 6	1 56	4 22	6 3	1 6	22 30	0 7	20 5	0 39	22 11	0 50	15 19	17 3	2 35	2 45	18 55	2 9	3 33
T 11	1 0	24 36	4 18	3 18	0 18	11 37	0 9	1 52	4 20	6 8	1 5	22 30	0 7	20 5	0 38	22 11	0 50	15 20	17 3	2 35	2 46	18 58	2 8	3 33
F 12	0 37	20 33	3 30	4 3	0 11	12 6	0 12	1 48	4 18	6 13	1 5	22 30	0 7	20 5	0 38	22 11	0 50	15 20	17 3	2 35	2 47	19 0	2 7	3 33
S 13	0 13	15 37	2 32	4 47	0 4	12 34	0 15	1 44	4 16	6 18	1 5	22 30	0 7	20 6	0 38	22 11	0 50	15 21	17 3	2 34	2 48	19 3	2 6	3 33
S 14	0s10	10 7	1 28	5 31	0s 3	13 2	0 19	1 40	4 13	6 22	1 5	22 31	0 7	20 6	0 38	22 11	0 50	15 21	17 3	2 34	2 50	19 6	2 5	3 33
M15	0 34	4 18	0 20	6 14	0 10	13 29	0 22	1 35	4 10	6 27	1 5	22 31	0 7	20 6	0 38	22 11	0 50	15 22	17 3	2 34	2 51	19 8	2 3	3 33
T 16	0 57	1n35	0n48	6 57	0 17	13 56	0 25	1 31	4 8	6 32	1 5	22 31	0 7	20 6	0 38	22 11	0 50	15 22	17 3	2 34	2 52	19 11	2 2	3 33
W17	1 21	7 21	1 52	7 39	0 24	14 23	0 28	1 27	4 5	6 37	1 5	22 31	0 8	20 6	0 38	22 10	0 50	15 23	17 3	2 34	2 53	19 14	2 1	3 33
T 18	1 44	12 48	2 51	8 21	0 32	14 50	0 31	1 23	4 2	6 42	1 5	22 31	0 8	20 7	0 38	22 10	0 50	15 23	17 3	2 35	2 55	19 16	2 0	3 33
F 19	2 8	17 44	3 42	9 2	0 39	15 16	0 34	1 18	3 59	6 47	1 5	22 31	0 8	20 7	0 38	22 10	0 50	15 24	17 3	2 35	2 56	19 19	1 59	3 33
S 20	2 31	21 59	4 24	9 43	0 46	15 42	0 38	1 14	3 55	6 52	1 5	22 31	0 8	20 7	0 38	22 10	0 50	15 24	17 3	2 36	2 57	19 22	1 57	3 33
S 21	2 55	25 21	4 54	10 22	0 53	16 8	0 41	1 10	3 52	6 57	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 25	17 3	2 37	2 58	19 24	1 56	3 32
M22	3 18	27 39	5 11	11 2	1 0	16 33	0 44	1 5	3 49	7 2	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 25	17 3	2 38	3 0	19 27	1 55	3 32
T 23	3 42	28 41	5 16	11 40	1 7	16 58	0 47	1 1	3 45	7 6	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 25	17 3	2 38	3 1	19 29	1 54	3 32
W24	4 5	28 21	5 6	12 18	1 14	17 22	0 50	0 57	3 41	7 11	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 26	17 3	2 38	3 2	19 32	1 53	3 32
T 25	4 28	26 34	4 41	12 55	1 21	17 46	0 54	0 53	3 38	7 16	1 5	22 30	0 8	20 7	0 38	22 10	0 50	15 26	17 2	2 38	3 3	19 35	1 51	3 32
F 26	4 51	23 23	4 2	13 31	1 28	18 10	0 57	0 49	3 34	7 21	1 4	22 30	0 8	20 7	0 38	22 10	0 50	15 27	17 2	2 38	3 5	19 37	1 50	3 32
S 27	5 15	18 55	3 10	14 7	1 35	18 33	1 0	0 46	3 30	7 26	1 4	22 30	0 8	20 7	0 38	22 10	0 50	15 27	17 2	2 37	3 6	19 40	1 49	3 32
S 28	5 38	13 20	2 4	14 42	1 41	18 55	1 3	0 42	3 26	7 31	1 4	22 30	0 8	20 8	0 38	22 10	0 50	15 27	17 2	2 37	3 7	19 42	1 48	3 32
M29	6 1	6 54	0 50	15 16	1 48	19 18	1 6	0 39	3 22	7 36	1 4	22 30	0 8	20 8	0 38	22 10	0 50	15 28	17 2	2 36	3 9	19 45	1 47	3 31
T 30	6s24	0s 4	0s30	15s49	1s54	19s39	1s 9	0n36	3s18	7s41	1n 4	22s30	0s 8	20s 8	0s38	22n10	0s50	15s28	17s 2	2s36	3s10	19n48	1n46	3n31

Julian Day Number = 2297665.5, Delta T = 122.37 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'38, Lahiri = 17°58'39 Julian Calendar 1 Sept. 1578 == Greg. Calendar 11 Sept. 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

OCTOBER 1578 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 16 27	17♎13'19	13♎53	8♏45	24♏ 5	8°R50	22♎27	17♌30	3°R 6	11♋28	0°R16	23°R26	22♓ 0	13♉41	26°R16	W 1
T 2	1 20 24	18°12'56	28°59	10° 4	25°17	8♈33	22°40	17°32	3♒ 6	11°28	0♈15	23♓24	21°56	13°48	26♓13	T 2
F 3	1 24 21	19°12'34	14♏ 8	11°23	26°29	8°17	22°53	17°34	3°D 6	11°29	0°14	23°21	21°53	13°54	26°11	F 3
S 4	1 28 17	20°12'15	29° 9	12°40	27°41	8° 1	23° 6	17°36	3° 6	11°29	0°13	23°17	21°50	14° 1	26° 8	S 4
S 5	1 32 14	21°11'57	13♐56	13°56	28°53	7°45	23°19	17°38	3° 6	11°R29	0°12	23°13	21°47	14° 8	26° 6	S 5
M 6	1 36 10	22°11'41	28°21	15°10	0♐ 5	7°30	23°32	17°40	3° 6	11°29	0°11	23°10	21°44	14°14	26° 3	M 6
T 7	1 40 7	23°11'27	12♌22	16°23	1°17	7°16	23°45	17°43	3° 6	11°29	0°10	23° 8	21°40	14°21	26° 1	T 7
W 8	1 44 3	24°11'14	25°57	17°35	2°29	7° 2	23°58	17°45	3° 7	11°28	0° 9	23°D 8	21°37	14°28	25°58	W 8
T 9	1 48 0	25°11'04	9♒ 9	18°44	3°41	6°49	24°11	17°48	3° 7	11°28	0° 8	23° 9	21°34	14°35	25°56	T 9
F 10	1 51 56	26°10'54	22° 0	19°51	4°53	6°37	24°24	17°51	3° 7	11°28	0° 7	23°10	21°31	14°41	25°54	F 10
S 11	1 55 53	27°10'47	4♓34	20°56	6° 4	6°25	24°37	17°53	3° 8	11°28	0° 6	23°12	21°28	14°48	25°51	S 11
S 12	1 59 50	28°10'41	16°54	21°59	7°16	6°14	24°51	17°56	3° 8	11°28	0° 5	23°13	21°25	14°55	25°49	S 12
M13	2 3 46	29°10'37	29° 3	22°59	8°28	6° 4	25° 4	17°59	3° 9	11°28	0° 4	23°R13	21°21	15° 1	25°47	M13
T 14	2 7 43	0♏10'34	11♈ 4	23°55	9°39	5°54	25°17	18° 2	3° 9	11°27	0° 2	23°11	21°18	15° 8	25°45	T 14
W15	2 11 39	1°10'34	23° 0	24°49	10°51	5°46	25°30	18° 5	3°10	11°27	0° 2	23° 8	21°15	15°15	25°42	W15
T 16	2 15 36	2°10'35	4♉53	25°38	12° 2	5°38	25°43	18° 9	3°10	11°27	0° 1	23° 2	21°12	15°21	25°40	T 16
F 17	2 19 32	3°10'39	16°44	26°24	13°14	5°31	25°56	18°12	3°11	11°26	29♓59	22°55	21° 9	15°28	25°38	F 17
S 18	2 23 29	4°10'44	28°35	27° 4	14°25	5°24	26° 9	18°15	3°12	11°26	29°59	22°47	21° 5	15°35	25°36	S 18
S 19	2 27 25	5°10'51	10♊28	27°40	15°37	5°19	26°22	18°19	3°12	11°25	29°58	22°39	21° 2	15°42	25°34	S 19
M20	2 31 22	6°11'01	22°25	28° 9	16°48	5°14	26°35	18°22	3°13	11°25	29°57	22°31	20°59	15°48	25°32	M20
T 21	2 35 19	7°11'12	4♋29	28°32	17°59	5°10	26°48	18°26	3°14	11°24	29°56	22°25	20°56	15°55	25°30	T 21
W22	2 39 15	8°11'25	16°42	28°48	19°10	5° 7	27° 1	18°30	3°15	11°24	29°55	22°20	20°53	16° 2	25°28	W22
T 23	2 43 12	9°11'41	29°10	28°R57	20°21	5° 5	27°14	18°33	3°16	11°23	29°54	22°18	20°50	16° 8	25°26	T 23
F 24	2 47 8	10°11'58	11♌55	28°57	21°32	5° 3	27°27	18°37	3°17	11°23	29°53	22°D17	20°46	16°15	25°25	F 24
S 25	2 51 5	11°12'18	25° 2	28°47	22°43	5°D 2	27°40	18°41	3°18	11°22	29°52	22°18	20°43	16°22	25°23	S 25
S 26	2 55 1	12°12'39	8♍34	28°29	23°54	5° 2	27°53	18°45	3°19	11°21	29°52	22°19	20°40	16°28	25°21	S 26
M27	2 58 58	13°13'03	22°34	28° 0	25° 5	5° 3	28° 6	18°50	3°20	11°21	29°51	22°R20	20°37	16°35	25°20	M27
T 28	3 2 54	14°13'28	7♎ 1	27°21	26°16	5° 5	28°18	18°54	3°22	11°20	29°50	22°19	20°34	16°42	25°18	T 28
W29	3 6 51	15°13'55	21°53	26°32	27°26	5° 7	28°31	18°58	3°23	11°19	29°49	22°16	20°31	16°49	25°16	W29
T 30	3 10 48	16°14'24	7♏ 3	25°33	28°37	5°11	28°44	19° 2	3°24	11°18	29°48	22°10	20°27	16°55	25°15	T 30
F 31	3 14 44	17♏14'55	22♏23	24♏27	29♐48	5♈15	28♎57	19♌ 7	3♒26	11♋17	29♓48	22♓ 3	20♓24	17♉ 2	25♓13	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	6s47	7s11	1s50	16s21	2s 0	20s 1	1s13	0n33	3s14	7s46	1n 4	22s29	0s 8	20s 8	0s38	22n10	0s50	15s28	17s 2	2s37	3s11	19n50	1n44	3n31
T 2	7 10	13 59	3 3	16 52	2 6	20 21	1 16	0 30	3 10	7 51	1 4	22 29	0 9	20 8	0 38	22 10	0 50	15 29	17 2	2 38	3 12	19 53	1 43	3 31
F 3	7 32	19 59	4 3	17 22	2 12	20 41	1 19	0 27	3 5	7 55	1 4	22 29	0 9	20 8	0 38	22 10	0 50	15 29	17 2	2 39	3 14	19 55	1 42	3 31
S 4	7 55	24 40	4 46	17 52	2 18	21 1	1 22	0 25	3 1	8 0	1 4	22 29	0 9	20 8	0 38	22 10	0 51	15 29	17 2	2 40	3 15	19 58	1 41	3 31
S 5	8 17	27 38	5 9	18 20	2 23	21 20	1 25	0 23	2 57	8 5	1 4	22 29	0 9	20 7	0 38	22 10	0 51	15 30	17 1	2 42	3 16	20 0	1 40	3 31
M 6	8 40	28 41	5 12	18 47	2 28	21 39	1 28	0 21	2 52	8 10	1 4	22 28	0 9	20 7	0 38	22 10	0 51	15 30	17 1	2 43	3 17	20 3	1 39	3 30
T 7	9 2	27 50	4 56	19 13	2 32	21 57	1 31	0 19	2 48	8 15	1 4	22 28	0 9	20 7	0 38	22 10	0 51	15 30	17 1	2 44	3 19	20 5	1 38	3 30
W 8	9 24	25 19	4 24	19 37	2 37	22 14	1 34	0 18	2 44	8 20	1 4	22 28	0 9	20 7	0 38	22 10	0 51	15 31	17 1	2 44	3 20	20 8	1 36	3 30
T 9	9 46	21 31	3 38	20 1	2 41	22 31	1 36	0 16	2 39	8 25	1 4	22 28	0 9	20 7	0 38	22 10	0 51	15 31	17 1	2 44	3 21	20 11	1 35	3 30
F 10	10 8	16 46	2 42	20 23	2 44	22 47	1 39	0 16	2 35	8 29	1 4	22 27	0 9	20 7	0 38	22 10	0 51	15 31	17 1	2 43	3 22	20 13	1 34	3 30
S 11	10 30	11 25	1 40	20 44	2 48	23 3	1 42	0 15	2 31	8 34	1 4	22 27	0 9	20 7	0 38	22 10	0 51	15 32	17 1	2 42	3 24	20 16	1 33	3 30
S 12	10 51	5 43	0 34	21 3	2 50	23 18	1 45	0 15	2 26	8 39	1 4	22 27	0 9	20 7	0 38	22 10	0 51	15 32	17 0	2 42	3 25	20 18	1 32	3 29
M13	11 12	0n 6	0n32	21 20	2 52	23 32	1 47	0 15	2 22	8 44	1 4	22 26	0 9	20 7	0 38	22 10	0 51	15 32	17 0	2 42	3 26	20 21	1 31	3 29
T 14	11 34	5 51	1 36	21 36	2 54	23 46	1 50	0 15	2 18	8 49	1 4	22 26	0 9	20 7	0 38	22 10	0 51	15 32	17 0	2 43	3 27	20 23	1 30	3 29
W15	11 55	11 21	2 35	21 51	2 55	23 59	1 53	0 15	2 13	8 53	1 4	22 26	0 9	20 6	0 38	22 10	0 51	15 32	17 0	2 44	3 29	20 26	1 29	3 29
T 16	12 15	16 25	3 27	22 3	2 55	24 11	1 55	0 16	2 9	8 58	1 4	22 25	0 9	20 6	0 38	22 10	0 51	15 33	17 0	2 46	3 30	20 28	1 28	3 29
F 17	12 36	20 52	4 10	22 14	2 55	24 23	1 58	0 17	2 5	9 3	1 4	22 25	0 10	20 6	0 38	22 10	0 51	15 33	16 59	2 49	3 31	20 31	1 27	3 28
S 18	12 57	24 28	4 42	22 22	2 53	24 34	2 0	0 19	2 0	9 8	1 4	22 24	0 10	20 6	0 38	22 10	0 51	15 33	16 59	2 52	3 32	20 33	1 26	3 28
S 19	13 17	27 2	5 1	22 28	2 51	24 45	2 2	0 20	1 56	9 12	1 4	22 24	0 10	20 6	0 38	22 10	0 51	15 33	16 59	2 55	3 34	20 36	1 25	3 28
M20	13 37	28 24	5 8	22 31	2 48	24 55	2 5	0 22	1 52	9 17	1 4	22 24	0 10	20 5	0 37	22 10	0 51	15 33	16 59	2 58	3 35	20 38	1 24	3 28
T 21	13 57	28 27	5 1	22 32	2 44	25 4	2 7	0 24	1 48	9 22	1 4	22 23	0 10	20 5	0 37	22 10	0 51	15 34	16 59	3 1	3 36	20 40	1 23	3 28
W22	14 16	27 6	4 41	22 30	2 38	25 12	2 9	0 27	1 44	9 26	1 4	22 23	0 10	20 5	0 37	22 10	0 51	15 34	16 58	3 3	3 37	20 43	1 22	3 27
T 23	14 36	24 24	4 7	22 25	2 31	25 20	2 11	0 30	1 40	9 31	1 4	22 22	0 10	20 5	0 37	22 10	0 51	15 34	16 58	3 4	3 39	20 45	1 21	3 27
F 24	14 55	20 28	3 20	22 17	2 23	25 27	2 13	0 33	1 36	9 36	1 4	22 22	0 10	20 4	0 37	22 10	0 51	15 34	16 58	3 4	3 40	20 48	1 20	3 27
S 25	15 14	15 26	2 22	22 6	2 13	25 33	2 15	0 36	1 32	9 40	1 4	22 21	0 10	20 4	0 37	22 10	0 51	15 34	16 58	3 4	3 41	20 50	1 19	3 27
S 26	15 32	9 31	1 13	21 50	2 1	25 38	2 17	0 40	1 28	9 45	1 4	22 21	0 10	20 4	0 37	22 10	0 51	15 34	16 57	3 3	3 42	20 53	1 18	3 27
M27	15 51	2 56	0s 1	21 31	1 48	25 43	2 19	0 43	1 24	9 50	1 4	22 20	0 10	20 4	0 37	22 10	0 51	15 34	16 57	3 3	3 44	20 55	1 18	3 26
T 28	16 9	3s59	1 18	21 7	1 33	25 47	2 21	0 47	1 21	9 54	1 4	22 20	0 10	20 3	0 37	22 10	0 51	15 34	16 57	3 3	3 45	20 58	1 17	3 26
W29	16 27	10 53	2 32	20 40	1 17	25 50	2 22	0 52	1 17	9 59	1 4	22 19	0 10	20 3	0 37	22 10	0 51	15 34	16 57	3 5	3 46	21 0	1 16	3 26
T 30	16 44	17 18	3 36	20 9	0 59	25 53	2 24	0 56	1 13	10 3	1 4	22 19	0 10	20 3	0 37	22 10	0 51	15 35	16 56	3 7	3 47	21 2	1 15	3 26
F 31	17s 1	22s41	4s25	19s34	0s40	25s55	2s25	1n 1	1s10	10s 8	1n 4	22s18	0s10	20s 2	0s37	22n10	0s51	15s35	16s56	3s10	3s49	21n 5	1n14	3n25

Julian Day Number = 2297695.5, Delta T = 122.23 sec
Ecliptic obliquity = 23°29'48, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'43, Lahiri = 17°58'43 Julian Calendar 1 Oct. 1578 == Greg. Calendar 11 Oct. 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

NOVEMBER 1578 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 18 41	18♏15'27	7♐39	23°R13	0♑58	5♈19	29♎10	19♑11	3♒27	11°R17	29°R47	21°R54	20♓21	17♉ 9	25°R12	S 1
S 2	3 22 37	19°16'01	22°43	21♏55	2° 8	5°25	29°22	19°16	3°28	11♋16	29♓46	21♓45	20°18	17°15	25♓11	S 2
M 3	3 26 34	20°16'36	7♑24	20°34	3°19	5°31	29°35	19°21	3°30	11°15	29°45	21°37	20°15	17°22	25° 9	M 3
T 4	3 30 30	21°17'13	21°37	19°13	4°29	5°38	29°48	19°25	3°32	11°14	29°45	21°31	20°11	17°29	25° 8	T 4
W 5	3 34 27	22°17'51	5♒21	17°55	5°39	5°46	0♏ 0	19°30	3°33	11°13	29°44	21°27	20° 8	17°35	25° 7	W 5
T 6	3 38 23	23°18'29	18°36	16°42	6°49	5°54	0°13	19°35	3°35	11°12	29°44	21°D26	20° 5	17°42	25° 6	T 6
F 7	3 42 20	24°19'09	1♓25	15°37	7°59	6° 3	0°25	19°40	3°37	11°11	29°43	21°26	20° 2	17°49	25° 4	F 7
S 8	3 46 17	25°19'50	13°53	14°41	9° 9	6°13	0°38	19°45	3°38	11°10	29°42	21°27	19°59	17°56	25° 3	S 8
S 9	3 50 13	26°20'32	26° 6	13°56	10°18	6°24	0°50	19°50	3°40	11° 9	29°42	21°R27	19°56	18° 2	25° 2	S 9
M10	3 54 10	27°21'16	8♈ 7	13°23	11°28	6°35	1° 3	19°55	3°42	11° 8	29°41	21°25	19°52	18° 9	25° 1	M10
T 11	3 58 6	28°22'00	20° 1	13° 1	12°37	6°46	1°15	20° 1	3°44	11° 6	29°41	21°21	19°49	18°16	25° 1	T 11
W12	4 2 3	29°22'45	1♉52	12°D50	13°47	6°59	1°28	20° 6	3°46	11° 5	29°40	21°15	19°46	18°22	25° 0	W12
T 13	4 5 59	0♐23'32	13°42	12°51	14°56	7°12	1°40	20°11	3°48	11° 4	29°40	21° 5	19°43	18°29	24°59	T 13
F 14	4 9 56	1°24'20	25°34	13° 2	16° 5	7°25	1°52	20°17	3°50	11° 3	29°39	20°53	19°40	18°36	24°58	F 14
S 15	4 13 52	2°25'09	7♊28	13°22	17°14	7°40	2° 4	20°22	3°52	11° 2	29°39	20°39	19°37	18°42	24°57	S 15
S 16	4 17 49	3°26'00	19°27	13°52	18°23	7°54	2°16	20°28	3°54	11° 0	29°38	20°25	19°33	18°49	24°57	S 16
M17	4 21 46	4°26'51	1♋32	14°29	19°31	8°10	2°28	20°33	3°56	10°59	29°38	20°12	19°30	18°56	24°56	M17
T 18	4 25 42	5°27'44	13°43	15°13	20°40	8°26	2°41	20°39	3°58	10°58	29°37	20° 0	19°27	19° 3	24°56	T 18
W19	4 29 39	6°28'38	26° 3	16° 3	21°48	8°42	2°52	20°45	4° 0	10°57	29°37	19°52	19°24	19° 9	24°55	W19
T 20	4 33 35	7°29'33	8♌34	16°58	22°56	8°59	3° 4	20°50	4° 3	10°55	29°37	19°46	19°21	19°16	24°55	T 20
F 21	4 37 32	8°30'30	21°19	17°58	24° 4	9°16	3°16	20°56	4° 5	10°54	29°36	19°42	19°17	19°23	24°55	F 21
S 22	4 41 28	9°31'28	4♍22	19° 3	25°12	9°34	3°28	21° 2	4° 7	10°52	29°36	19°41	19°14	19°29	24°54	S 22
S 23	4 45 25	10°32'26	17°45	20°11	26°20	9°52	3°40	21° 8	4°10	10°51	29°36	19°41	19°11	19°36	24°54	S 23
M24	4 49 21	11°33'27	1♎31	21°22	27°27	10°11	3°51	21°14	4°12	10°50	29°36	19°41	19° 8	19°43	24°54	M24
T 25	4 53 18	12°34'28	15°43	22°36	28°35	10°31	4° 3	21°20	4°14	10°48	29°35	19°39	19° 5	19°49	24°54	T 25
W26	4 57 15	13°35'30	0♏19	23°52	29°42	10°50	4°15	21°26	4°17	10°47	29°35	19°35	19° 2	19°56	24°D54	W26
T 27	5 1 11	14°36'34	15°16	25°10	0♒49	11°11	4°26	21°32	4°19	10°45	29°35	19°27	18°58	20° 3	24°54	T 27
F 28	5 5 8	15°37'39	0♐26	26°30	1°55	11°31	4°38	21°38	4°22	10°44	29°35	19°17	18°55	20°10	24°54	F 28
S 29	5 9 4	16°38'44	15°39	27°51	3° 2	11°52	4°49	21°44	4°25	10°42	29°35	19° 6	18°52	20°16	24°54	S 29
S 30	5 13 1	17♐39'50	0♑45	29♏14	4♒ 8	12♈14	5♏ 0	21♑51	4♒27	10♋41	29♓35	18♓54	18♓49	20♉23	24♓54	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s18	26s30	4s56	18s56	0s20	25s56	2s27	1n 6	1s 6	10s12	1n 4	22s18	0s10	20s 2	0s37	22n10	0s51	15s35	16s56	3s13	3s50	21n 7	1n14	3n25
S 2	17 35	28 22	5 5	18 17	0n 1	25 57	2 28	1 12	1 3	10 17	1 4	22 17	0 11	20 2	0 37	22 10	0 51	15 35	16 56	3 17	3 51	21 10	1 13	3 25
M 3	17 51	28 10	4 53	17 35	0 21	25 56	2 29	1 17	0 59	10 21	1 4	22 16	0 11	20 1	0 37	22 10	0 51	15 35	16 55	3 20	3 52	21 12	1 12	3 25
T 4	18 8	26 6	4 24	16 54	0 42	25 55	2 30	1 23	0 56	10 26	1 4	22 16	0 11	20 1	0 37	22 10	0 51	15 35	16 55	3 22	3 54	21 14	1 11	3 24
W 5	18 23	22 32	3 40	16 14	1 1	25 53	2 31	1 29	0 53	10 30	1 4	22 15	0 11	20 0	0 37	22 10	0 51	15 35	16 55	3 24	3 55	21 17	1 11	3 24
T 6	18 39	17 55	2 46	15 36	1 19	25 51	2 32	1 35	0 50	10 34	1 4	22 14	0 11	20 0	0 37	22 11	0 51	15 35	16 54	3 24	3 56	21 19	1 10	3 24
F 7	18 54	12 38	1 45	15 2	1 35	25 48	2 33	1 42	0 46	10 39	1 4	22 14	0 11	20 0	0 37	22 11	0 51	15 35	16 54	3 24	3 57	21 22	1 9	3 24
S 8	19 8	6 58	0 40	14 32	1 50	25 44	2 33	1 49	0 43	10 43	1 4	22 13	0 11	19 59	0 37	22 11	0 51	15 35	16 54	3 24	3 59	21 24	1 9	3 24
S 9	19 23	1 11	0n25	14 7	2 2	25 39	2 34	1 56	0 40	10 47	1 4	22 12	0 11	19 59	0 37	22 11	0 51	15 35	16 54	3 24	4 0	21 26	1 8	3 23
M10	19 37	4n34	1 28	13 47	2 13	25 34	2 34	2 3	0 37	10 52	1 4	22 12	0 11	19 58	0 37	22 11	0 51	15 34	16 53	3 25	4 1	21 29	1 7	3 23
T 11	19 51	10 6	2 26	13 33	2 21	25 28	2 35	2 10	0 34	10 56	1 4	22 11	0 11	19 58	0 37	22 11	0 51	15 34	16 53	3 26	4 2	21 31	1 7	3 23
W12	20 4	15 14	3 17	13 24	2 27	25 21	2 35	2 18	0 32	11 0	1 4	22 10	0 11	19 57	0 37	22 11	0 51	15 34	16 53	3 29	4 4	21 33	1 6	3 23
T 13	20 17	19 48	4 0	13 20	2 31	25 14	2 35	2 25	0 29	11 4	1 4	22 10	0 11	19 57	0 37	22 11	0 51	15 34	16 52	3 33	4 5	21 36	1 6	3 22
F 14	20 29	23 36	4 32	13 20	2 34	25 5	2 35	2 33	0 26	11 9	1 5	22 9	0 11	19 56	0 37	22 11	0 51	15 34	16 52	3 37	4 6	21 38	1 5	3 22
S 15	20 42	26 25	4 53	13 25	2 35	24 57	2 35	2 41	0 23	11 13	1 5	22 8	0 11	19 56	0 37	22 11	0 51	15 34	16 52	3 43	4 7	21 40	1 5	3 22
S 16	20 53	28 4	5 0	13 34	2 35	24 47	2 35	2 50	0 21	11 17	1 5	22 7	0 11	19 55	0 37	22 11	0 51	15 34	16 51	3 48	4 9	21 43	1 4	3 22
M17	21 5	28 24	4 55	13 46	2 34	24 37	2 34	2 58	0 18	11 21	1 5	22 7	0 11	19 55	0 37	22 11	0 51	15 34	16 51	3 53	4 10	21 45	1 4	3 21
T 18	21 16	27 21	4 36	14 1	2 31	24 26	2 34	3 7	0 16	11 25	1 5	22 6	0 11	19 54	0 37	22 12	0 51	15 34	16 51	3 58	4 11	21 47	1 3	3 21
W19	21 27	24 58	4 3	14 19	2 28	24 15	2 33	3 15	0 13	11 29	1 5	22 5	0 12	19 54	0 37	22 12	0 51	15 33	16 50	4 2	4 12	21 50	1 3	3 21
T 20	21 37	21 22	3 19	14 39	2 24	24 3	2 33	3 24	0 11	11 33	1 5	22 4	0 12	19 53	0 37	22 12	0 51	15 33	16 50	4 4	4 14	21 52	1 3	3 21
F 21	21 47	16 42	2 24	15 0	2 19	23 50	2 32	3 33	0 8	11 37	1 5	22 3	0 12	19 53	0 37	22 12	0 51	15 33	16 50	4 5	4 15	21 54	1 2	3 20
S 22	21 56	11 11	1 20	15 23	2 14	23 37	2 31	3 42	0 6	11 41	1 5	22 2	0 12	19 52	0 37	22 12	0 51	15 33	16 49	4 6	4 16	21 57	1 2	3 20
S 23	22 5	5 1	0 10	15 46	2 8	23 23	2 30	3 52	0 4	11 45	1 5	22 2	0 12	19 51	0 37	22 12	0 51	15 33	16 49	4 6	4 17	21 59	1 1	3 20
M24	22 13	1s33	1s 2	16 11	2 2	23 9	2 28	4 1	0 2	11 49	1 5	22 1	0 12	19 51	0 37	22 12	0 51	15 32	16 49	4 6	4 19	22 1	1 1	3 20
T 25	22 21	8 14	2 13	16 36	1 55	22 54	2 27	4 11	0n 1	11 53	1 5	22 0	0 12	19 50	0 37	22 12	0 51	15 32	16 48	4 6	4 20	22 3	1 1	3 19
W26	22 29	14 41	3 17	17 2	1 48	22 38	2 25	4 20	0 3	11 56	1 5	21 59	0 12	19 50	0 37	22 12	0 51	15 32	16 48	4 8	4 21	22 6	1 1	3 19
T 27	22 36	20 25	4 9	17 28	1 41	22 22	2 24	4 30	0 5	12 0	1 5	21 58	0 12	19 49	0 37	22 13	0 51	15 32	16 48	4 11	4 22	22 8	1 0	3 19
F 28	22 43	24 55	4 44	17 53	1 34	22 5	2 22	4 40	0 7	12 4	1 5	21 57	0 12	19 48	0 37	22 13	0 51	15 32	16 47	4 15	4 24	22 10	1 0	3 18
S 29	22 49	27 41	4 59	18 19	1 27	21 48	2 20	4 50	0 9	12 8	1 6	21 56	0 12	19 48	0 37	22 13	0 51	15 31	16 47	4 20	4 25	22 12	1 0	3 18
S 30	22s55	28s23	4s54	18s45	1n19	21s30	2s18	5n 1	0n11	12s11	1n 6	21s55	0s12	19s47	0s37	22n13	0s51	15s31	16s47	4s24	4s26	22n15	1n 0	3n18

Julian Day Number = 2297726.5, Delta T = 122.07 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'47, Lahiri = 17°58'47 Julian Calendar 1 Nov. 1578 == Greg. Calendar 11 Nov. 1578

ASTRODIENST EPHEMERIS for the year 1578
geocentric

DECEMBER 1578 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 16 57	18♐40'57	15♉32	0♐37	5♒14	12♈36	5♏11	21♉57	4♒30	10°R39	29°R35	18°R43	18♓46	20♉30	24♓54	M 1
T 2	5 20 54	19°42'04	29°54	2° 2	6°20	12°58	5°22	22° 3	4°33	10♋38	29♓34	18♓34	18°43	20°36	24°55	T 2
W 3	5 24 51	20°43'12	13♒47	3°28	7°26	13°21	5°33	22°10	4°35	10°36	29°34	18°28	18°39	20°43	24°55	W 3
T 4	5 28 47	21°44'20	27° 9	4°54	8°31	13°44	5°44	22°16	4°38	10°34	29°D34	18°24	18°36	20°50	24°55	T 4
F 5	5 32 44	22°45'28	10♓ 4	6°22	9°36	14° 7	5°55	22°23	4°41	10°33	29°34	18°23	18°33	20°57	24°56	F 5
S 6	5 36 40	23°46'36	22°35	7°49	10°41	14°31	6° 6	22°29	4°44	10°31	29°34	18°23	18°30	21° 3	24°56	S 6
S 7	5 40 37	24°47'44	4♈48	9°18	11°46	14°55	6°17	22°36	4°47	10°30	29°34	18°23	18°27	21°10	24°57	S 7
M 8	5 44 33	25°48'53	16°48	10°46	12°50	15°20	6°27	22°42	4°50	10°28	29°35	18°21	18°23	21°17	24°58	M 8
T 9	5 48 30	26°50'01	28°41	12°16	13°54	15°45	6°38	22°49	4°52	10°26	29°35	18°17	18°20	21°23	24°58	T 9
W10	5 52 26	27°51'10	10♉30	13°45	14°58	16°10	6°48	22°56	4°55	10°25	29°35	18°11	18°17	21°30	24°59	W10
T 11	5 56 23	28°52'19	22°20	15°16	16° 1	16°35	6°59	23° 2	4°58	10°23	29°35	18° 1	18°14	21°37	25° 0	T 11
F 12	6 0 20	29°53'28	4♊14	16°46	17° 4	17° 1	7° 9	23° 9	5° 1	10°21	29°35	17°49	18°11	21°44	25° 1	F 12
S 13	6 4 16	0♉54'37	16°15	18°17	18° 7	17°27	7°19	23°16	5° 4	10°20	29°35	17°35	18° 8	21°50	25° 2	S 13
S 14	6 8 13	1°55'46	28°23	19°48	19° 9	17°53	7°29	23°23	5° 7	10°18	29°35	17°21	18° 4	21°57	25° 3	S 14
M15	6 12 9	2°56'56	10♋39	21°20	20°11	18°20	7°39	23°29	5°10	10°16	29°36	17° 7	18° 1	22° 4	25° 4	M15
T 16	6 16 6	3°58'05	23° 4	22°51	21°12	18°47	7°49	23°36	5°14	10°15	29°36	16°55	17°58	22°10	25° 5	T 16
W17	6 20 2	4°59'15	5♌39	24°24	22°13	19°14	7°59	23°43	5°17	10°13	29°36	16°46	17°55	22°17	25° 6	W17
T 18	6 23 59	6° 0'24	18°23	25°56	23°14	19°41	8° 8	23°50	5°20	10°11	29°37	16°40	17°52	22°24	25° 7	T 18
F 19	6 27 55	7° 1'34	1♍19	27°29	24°14	20° 9	8°18	23°57	5°23	10°10	29°37	16°36	17°49	22°30	25° 8	F 19
S 20	6 31 52	8° 2'44	14°28	29° 2	25°14	20°37	8°27	24° 4	5°26	10° 8	29°37	16°D35	17°45	22°37	25°10	S 20
S 21	6 35 49	9° 3'55	27°52	0♉36	26°14	21° 5	8°37	24°11	5°29	10° 6	29°38	16°36	17°42	22°44	25°11	S 21
M22	6 39 45	10° 5'05	11♎33	2°10	27°12	21°33	8°46	24°18	5°33	10° 5	29°38	16°R36	17°39	22°51	25°12	M22
T 23	6 43 42	11° 6'15	25°33	3°44	28°11	22° 2	8°55	24°25	5°36	10° 3	29°38	16°35	17°36	22°57	25°14	T 23
W24	6 47 38	12° 7'26	9♏51	5°19	29° 9	22°31	9° 4	24°32	5°39	10° 1	29°39	16°32	17°33	23° 4	25°15	W24
T 25	6 51 35	13° 8'37	24°25	6°54	0♓ 6	23° 0	9°13	24°39	5°42	9°59	29°39	16°26	17°29	23°11	25°17	T 25
F 26	6 55 31	14° 9'48	9♐11	8°30	1° 3	23°29	9°22	24°46	5°46	9°58	29°40	16°18	17°26	23°17	25°19	F 26
S 27	6 59 28	15°10'58	24° 3	10° 6	1°59	23°58	9°30	24°53	5°49	9°56	29°40	16° 9	17°23	23°24	25°20	S 27
S 28	7 3 24	16°12'09	8♉51	11°43	2°55	24°28	9°39	25° 0	5°52	9°54	29°41	15°59	17°20	23°31	25°22	S 28
M29	7 7 21	17°13'19	23°27	13°20	3°50	24°58	9°47	25° 7	5°56	9°53	29°42	15°49	17°17	23°38	25°24	M29
T 30	7 11 18	18°14'29	7♒43	14°57	4°44	25°28	9°56	25°14	5°59	9°51	29°42	15°42	17°14	23°44	25°26	T 30
W31	7 15 14	19♉15'38	21♒35	16♉35	5♓38	25♈58	10♏ 4	25♉21	6♒ 3	9♋49	29♓43	15♓37	17♓10	23♉51	25♓28	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	23s 1	27s 2	4s28	19s10	1n12	21s12	2s16	5n11	0n13	12s15	1n 6	21s54	0s12	19s46	0s37	22n13	0s51	15s31	16s46	4s29	4s27	22n17	1n 0	3n18
T 2	23 6	23 54	3 46	19 34	1 4	20 53	2 13	5 21	0 14	12 19	1 6	21 53	0 12	19 46	0 36	22 13	0 51	15 30	16 46	4 32	4 29	22 19	1 0	3 17
W 3	23 10	19 28	2 52	19 58	0 57	20 34	2 11	5 32	0 16	12 22	1 6	21 52	0 12	19 45	0 36	22 13	0 51	15 30	16 45	4 34	4 30	22 21	1 0	3 17
T 4	23 14	14 12	1 50	20 22	0 49	20 14	2 8	5 42	0 18	12 26	1 6	21 51	0 12	19 44	0 36	22 13	0 51	15 30	16 45	4 36	4 31	22 24	0 59	3 17
F 5	23 18	8 29	0 44	20 45	0 41	19 54	2 5	5 53	0 20	12 29	1 6	21 50	0 13	19 44	0 36	22 14	0 51	15 29	16 45	4 36	4 32	22 26	0 59	3 17
S 6	23 21	2 36	0n22	21 7	0 34	19 33	2 2	6 4	0 21	12 33	1 6	21 49	0 13	19 43	0 36	22 14	0 51	15 29	16 44	4 36	4 34	22 28	0 59	3 16
S 7	23 24	3n13	1 26	21 28	0 26	19 12	1 59	6 15	0 23	12 36	1 6	21 48	0 13	19 42	0 36	22 14	0 51	15 29	16 44	4 36	4 35	22 30	0 59	3 16
M 8	23 26	8 50	2 24	21 48	0 19	18 51	1 56	6 26	0 25	12 40	1 6	21 47	0 13	19 42	0 36	22 14	0 51	15 28	16 44	4 37	4 36	22 32	0 59	3 16
T 9	23 27	14 5	3 16	22 8	0 11	18 29	1 52	6 37	0 26	12 43	1 6	21 46	0 13	19 41	0 36	22 14	0 51	15 28	16 43	4 38	4 37	22 35	0 59	3 16
W10	23 29	18 47	3 58	22 26	0 4	18 7	1 49	6 48	0 28	12 46	1 7	21 45	0 13	19 40	0 36	22 14	0 51	15 28	16 43	4 41	4 39	22 37	0 59	3 15
T 11	23 29	22 45	4 31	22 44	0s 3	17 44	1 45	6 59	0 29	12 50	1 7	21 44	0 13	19 39	0 36	22 14	0 51	15 27	16 43	4 45	4 40	22 39	1 0	3 15
F 12	23 30	25 49	4 52	23 1	0 10	17 22	1 41	7 10	0 31	12 53	1 7	21 43	0 13	19 39	0 36	22 14	0 51	15 27	16 42	4 50	4 41	22 41	1 0	3 15
S 13	23 30	27 45	5 0	23 16	0 17	16 58	1 37	7 22	0 32	12 56	1 7	21 42	0 13	19 38	0 36	22 15	0 51	15 26	16 42	4 55	4 42	22 43	1 0	3 15
S 14	23 29	28 24	4 55	23 30	0 24	16 35	1 32	7 33	0 34	12 59	1 7	21 41	0 13	19 37	0 36	22 15	0 51	15 26	16 41	5 1	4 44	22 45	1 0	3 14
M15	23 28	27 39	4 36	23 44	0 31	16 11	1 28	7 45	0 35	13 2	1 7	21 40	0 13	19 36	0 36	22 15	0 51	15 26	16 41	5 6	4 45	22 48	1 0	3 14
T 16	23 26	25 31	4 3	23 56	0 37	15 47	1 23	7 56	0 36	13 5	1 7	21 39	0 13	19 36	0 36	22 15	0 51	15 25	16 41	5 11	4 46	22 50	1 0	3 14
W17	23 24	22 7	3 19	24 6	0 44	15 23	1 19	8 8	0 38	13 8	1 7	21 38	0 13	19 35	0 36	22 15	0 51	15 25	16 40	5 14	4 47	22 52	1 1	3 14
T 18	23 22	17 38	2 24	24 16	0 50	14 58	1 14	8 19	0 39	13 11	1 7	21 37	0 13	19 34	0 36	22 15	0 51	15 24	16 40	5 17	4 49	22 54	1 1	3 13
F 19	23 19	12 17	1 20	24 24	0 56	14 33	1 9	8 31	0 40	13 14	1 8	21 35	0 13	19 33	0 36	22 15	0 51	15 24	16 40	5 18	4 50	22 56	1 1	3 13
S 20	23 15	6 18	0 11	24 32	1 2	14 8	1 3	8 43	0 41	13 17	1 8	21 34	0 14	19 32	0 36	22 16	0 51	15 23	16 39	5 18	4 51	22 58	1 1	3 13
S 21	23 11	0s 4	1s 0	24 37	1 8	13 43	0 58	8 54	0 43	13 20	1 8	21 33	0 14	19 32	0 36	22 16	0 51	15 23	16 39	5 18	4 52	23 0	1 2	3 13
M22	23 7	6 33	2 9	24 42	1 13	13 17	0 52	9 6	0 44	13 23	1 8	21 32	0 14	19 31	0 36	22 16	0 51	15 22	16 39	5 18	4 53	23 3	1 2	3 12
T 23	23 2	12 52	3 12	24 45	1 18	12 52	0 47	9 18	0 45	13 26	1 8	21 31	0 14	19 30	0 36	22 16	0 51	15 22	16 38	5 18	4 55	23 5	1 2	3 12
W24	22 57	18 39	4 4	24 47	1 23	12 26	0 41	9 29	0 46	13 29	1 8	21 30	0 14	19 29	0 36	22 16	0 51	15 21	16 38	5 20	4 56	23 7	1 3	3 12
T 25	22 51	23 28	4 42	24 47	1 28	12 0	0 34	9 41	0 47	13 31	1 8	21 28	0 14	19 28	0 36	22 16	0 51	15 21	16 38	5 22	4 57	23 9	1 3	3 12
F 26	22 44	26 50	5 1	24 46	1 33	11 34	0 28	9 53	0 48	13 34	1 8	21 27	0 14	19 28	0 36	22 16	0 51	15 20	16 37	5 25	4 58	23 11	1 4	3 11
S 27	22 38	28 22	5 1	24 43	1 37	11 8	0 22	10 5	0 49	13 37	1 9	21 26	0 14	19 27	0 36	22 16	0 51	15 20	16 37	5 29	5 0	23 13	1 4	3 11
S 28	22 31	27 51	4 40	24 39	1 41	10 41	0 15	10 17	0 50	13 39	1 9	21 25	0 14	19 26	0 36	22 17	0 51	15 19	16 37	5 33	5 1	23 15	1 5	3 11
M29	22 23	25 25	4 1	24 34	1 45	10 15	0 8	10 29	0 51	13 42	1 9	21 24	0 14	19 25	0 36	22 17	0 51	15 19	16 36	5 36	5 2	23 17	1 5	3 11
T 30	22 15	21 24	3 8	24 27	1 48	9 49	0 1	10 41	0 52	13 44	1 9	21 22	0 14	19 24	0 36	22 17	0 51	15 18	16 36	5 39	5 3	23 19	1 6	3 11
W31	22s 7	16s19	2s 5	24s19	1s52	9s22	0n 6	10n53	0n53	13s47	1n 9	21s21	0s14	19s23	0s36	22n17	0s51	15s18	16s36	5s41	5s 5	23n21	1n 6	3n10

Julian Day Number = 2297756.5, Delta T = 121.93 sec
Ecliptic obliquity = 23°29'47, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'51, Lahiri = 17°58'51 Julian Calendar 1 Dec. 1578 == Greg. Calendar 11 Dec. 1578