Astrodienst Ephemeris Tables

for the year 1577

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 1577
geocentric

JANUARY 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 21 5	20♑45'55	2♊38	28♐17	14♒ 2	3♈32	13°R19	5♑31	28♑27	5°R12	27♓34	26°R 8	25♈46	2♓50	18♓ 9	T 1
W 2	7 25 1	21°47'00	16°24	29°33	15°17	4°13	13♍16	5°38	28°31	5♋10	27°35	26♈ 1	25°43	2°56	18°11	W 2
T 3	7 28 58	22°48'05	0♋37	0♑51	16°32	4°53	13°13	5°45	28°34	5° 8	27°35	25°52	25°40	3° 3	18°14	T 3
F 4	7 32 54	23°49'09	15°16	2°10	17°46	5°34	13°10	5°51	28°38	5° 7	27°36	25°40	25°37	3°10	18°16	F 4
S 5	7 36 51	24°50'12	0♌12	3°30	19° 1	6°15	13° 7	5°58	28°41	5° 5	27°37	25°28	25°34	3°16	18°19	S 5
S 6	7 40 47	25°51'14	15°17	4°52	20°16	6°56	13° 4	6° 5	28°45	5° 4	27°38	25°17	25°31	3°23	18°21	S 6
M 7	7 44 44	26°52'15	0♍19	6°14	21°30	7°37	13° 0	6°12	28°48	5° 2	27°38	25° 7	25°27	3°30	18°24	M 7
T 8	7 48 41	27°53'16	15°11	7°38	22°45	8°17	12°57	6°19	28°52	5° 1	27°39	25° 0	25°24	3°37	18°26	T 8
W 9	7 52 37	28°54'17	29°44	9° 2	23°59	8°58	12°53	6°25	28°55	4°59	27°40	24°56	25°21	3°43	18°29	W 9
T 10	7 56 34	29°55'16	13♎57	10°28	25°14	9°39	12°49	6°32	28°59	4°58	27°41	24°55	25°18	3°50	18°32	T 10
F 11	8 0 30	0♒56'16	27°47	11°54	26°28	10°20	12°45	6°39	29° 3	4°56	27°42	24°55	25°15	3°57	18°34	F 11
S 12	8 4 27	1°57'14	11♏16	13°21	27°43	11° 1	12°40	6°45	29° 6	4°55	27°43	24°54	25°12	4° 3	18°37	S 12
S 13	8 8 23	2°58'12	24°27	14°49	28°57	11°42	12°36	6°52	29°10	4°53	27°44	24°53	25° 8	4°10	18°40	S 13
M14	8 12 20	3°59'10	7♐21	16°18	0♓12	12°22	12°31	6°58	29°13	4°52	27°45	24°49	25° 5	4°17	18°43	M14
T 15	8 16 16	5° 0'06	20° 2	17°47	1°26	13° 3	12°26	7° 5	29°17	4°50	27°46	24°42	25° 2	4°23	18°46	T 15
W16	8 20 13	6° 1'02	2♑32	19°18	2°40	13°44	12°21	7°11	29°20	4°49	27°47	24°33	24°59	4°30	18°49	W16
T 17	8 24 10	7° 1'57	14°53	20°49	3°55	14°25	12°16	7°18	29°24	4°47	27°48	24°20	24°56	4°37	18°52	T 17
F 18	8 28 6	8° 2'51	27° 5	22°20	5° 9	15° 6	12°11	7°24	29°27	4°46	27°49	24° 6	24°52	4°43	18°55	F 18
S 19	8 32 3	9° 3'43	9♒10	23°53	6°23	15°46	12° 5	7°31	29°31	4°45	27°50	23°52	24°49	4°50	18°58	S 19
S 20	8 35 59	10° 4'35	21° 8	25°26	7°37	16°27	12° 0	7°37	29°34	4°43	27°51	23°38	24°46	4°57	19° 1	S 20
M21	8 39 56	11° 5'25	3♓ 1	27° 0	8°52	17° 8	11°54	7°43	29°38	4°42	27°52	23°26	24°43	5° 4	19° 4	M21
T 22	8 43 52	12° 6'14	14°50	28°35	10° 6	17°49	11°48	7°50	29°41	4°41	27°53	23°17	24°40	5°10	19° 7	T 22
W23	8 47 49	13° 7'01	26°38	0♒10	11°20	18°29	11°42	7°56	29°44	4°39	27°54	23°11	24°37	5°17	19°10	W23
T 24	8 51 45	14° 7'47	8♈27	1°47	12°34	19°10	11°36	8° 2	29°48	4°38	27°55	23° 8	24°33	5°24	19°13	T 24
F 25	8 55 42	15° 8'31	20°23	3°24	13°48	19°51	11°30	8° 8	29°51	4°37	27°56	23°D 7	24°30	5°30	19°17	F 25
S 26	8 59 39	16° 9'14	2♉30	5° 2	15° 2	20°32	11°23	8°14	29°55	4°36	27°58	23° 7	24°27	5°37	19°20	S 26
S 27	9 3 35	17° 9'55	14°53	6°41	16°16	21°12	11°17	8°20	29°58	4°35	27°59	23°R 7	24°24	5°44	19°23	S 27
M28	9 7 32	18°10'34	27°36	8°20	17°30	21°53	11°10	8°26	0♒ 2	4°34	28° 0	23° 7	24°21	5°50	19°26	M28
T 29	9 11 28	19°11'12	10♊46	10° 1	18°43	22°34	11° 3	8°32	0° 5	4°32	28° 1	23° 5	24°18	5°57	19°30	T 29
W30	9 15 25	20°11'48	24°25	11°42	19°57	23°14	10°56	8°38	0° 8	4°31	28° 2	23° 0	24°14	6° 4	19°33	W30
T 31	9 19 21	21♒12'23	8♋34	13♒24	21♓11	23♈55	10♍49	8♑44	0♒12	4♋30	28♓ 3	22♈53	24♈11	6♓10	19♓37	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	21s53	23n40	3n 0	22s49	0n40	18s12	1s37	1n19	0s 6	7n46	1n17	22s45	0n38	21s 3	0s32	22n25	0s58	15s59	16s25	10n 7	9n59	14s19	1s 6	3n54
W 2	21 44	26 39	3 52	22 58	0 32	17 50	1 37	1 36	0 5	7 47	1 18	22 45	0 38	21 2	0 32	22 25	0 58	15 59	16 25	10 4	9 58	14 16	1 5	3 54
T 3	21 34	28 1	4 32	23 6	0 23	17 28	1 37	1 53	0 4	7 49	1 18	22 45	0 38	21 1	0 32	22 25	0 58	15 58	16 24	10 1	9 57	14 13	1 5	3 54
F 4	21 23	27 30	4 55	23 14	0 15	17 5	1 37	2 10	0 3	7 50	1 18	22 44	0 38	21 1	0 32	22 25	0 58	15 58	16 24	9 57	9 56	14 10	1 4	3 54
S 5	21 13	25 1	4 59	23 21	0 6	16 42	1 37	2 28	0 2	7 51	1 19	22 44	0 38	21 0	0 32	22 26	0 58	15 57	16 24	9 52	9 54	14 7	1 3	3 53
S 6	21 2	20 47	4 42	23 26	0s 2	16 18	1 37	2 45	0 1	7 53	1 19	22 44	0 37	20 59	0 32	22 26	0 58	15 56	16 23	9 48	9 53	14 4	1 2	3 53
M 7	20 50	15 13	4 6	23 31	0 10	15 53	1 36	3 2	0n 0	7 54	1 19	22 44	0 37	20 58	0 32	22 26	0 58	15 56	16 23	9 45	9 52	14 1	1 2	3 53
T 8	20 38	8 49	3 13	23 34	0 17	15 29	1 36	3 19	0 1	7 56	1 19	22 43	0 37	20 58	0 32	22 26	0 58	15 55	16 23	9 42	9 51	13 59	1 1	3 53
W 9	20 26	2 4	2 9	23 36	0 25	15 3	1 35	3 36	0 2	7 58	1 20	22 43	0 37	20 57	0 32	22 26	0 58	15 55	16 23	9 41	9 50	13 56	1 0	3 52
T 10	20 13	4s38	0 58	23 37	0 32	14 38	1 35	3 53	0 3	8 0	1 20	22 43	0 37	20 56	0 32	22 26	0 58	15 54	16 22	9 40	9 49	13 53	0 59	3 52
F 11	20 0	10 57	0s15	23 37	0 39	14 12	1 34	4 10	0 4	8 1	1 20	22 43	0 37	20 56	0 32	22 26	0 58	15 53	16 22	9 40	9 47	13 50	0 58	3 52
S 12	19 46	16 36	1 25	23 35	0 46	13 46	1 34	4 27	0 5	8 3	1 20	22 42	0 37	20 55	0 32	22 26	0 58	15 53	16 22	9 40	9 46	13 47	0 57	3 52
S 13	19 32	21 20	2 29	23 33	0 53	13 19	1 33	4 44	0 6	8 5	1 21	22 42	0 37	20 54	0 32	22 26	0 58	15 52	16 21	9 39	9 45	13 44	0 56	3 52
M14	19 18	24 57	3 24	23 29	0 59	12 52	1 32	5 1	0 7	8 7	1 21	22 42	0 37	20 53	0 32	22 26	0 58	15 51	16 21	9 38	9 44	13 41	0 56	3 51
T 15	19 4	27 14	4 8	23 24	1 5	12 24	1 31	5 18	0 8	8 9	1 21	22 41	0 37	20 53	0 32	22 26	0 58	15 51	16 21	9 36	9 43	13 38	0 55	3 51
W16	18 49	28 7	4 39	23 17	1 11	11 57	1 30	5 35	0 9	8 12	1 21	22 41	0 37	20 52	0 32	22 26	0 58	15 50	16 20	9 32	9 42	13 35	0 54	3 51
T 17	18 34	27 34	4 56	23 9	1 17	11 29	1 29	5 51	0 10	8 14	1 22	22 41	0 37	20 51	0 32	22 27	0 58	15 49	16 20	9 27	9 40	13 32	0 53	3 51
F 18	18 18	25 41	5 0	23 0	1 22	11 0	1 28	6 8	0 11	8 16	1 22	22 40	0 37	20 50	0 32	22 27	0 58	15 49	16 20	9 22	9 39	13 29	0 52	3 51
S 19	18 2	22 39	4 50	22 49	1 28	10 32	1 27	6 25	0 12	8 18	1 22	22 40	0 37	20 50	0 32	22 27	0 58	15 48	16 20	9 17	9 38	13 26	0 51	3 50
S 20	17 46	18 42	4 27	22 37	1 32	10 3	1 25	6 41	0 13	8 21	1 22	22 40	0 37	20 49	0 32	22 27	0 58	15 47	16 19	9 12	9 37	13 23	0 50	3 50
M21	17 29	14 2	3 53	22 24	1 37	9 34	1 24	6 58	0 14	8 23	1 22	22 40	0 37	20 48	0 32	22 27	0 58	15 47	16 19	9 8	9 36	13 20	0 49	3 50
T 22	17 12	8 53	3 8	22 9	1 41	9 4	1 22	7 14	0 15	8 26	1 23	22 39	0 37	20 48	0 32	22 27	0 58	15 46	16 19	9 4	9 35	13 17	0 48	3 50
W23	16 55	3 25	2 16	21 52	1 45	8 35	1 21	7 31	0 16	8 28	1 23	22 39	0 37	20 47	0 32	22 27	0 58	15 46	16 19	9 2	9 33	13 14	0 47	3 50
T 24	16 38	2n11	1 17	21 35	1 49	8 5	1 19	7 47	0 17	8 31	1 23	22 39	0 37	20 46	0 32	22 27	0 58	15 45	16 18	9 1	9 32	13 11	0 45	3 49
F 25	16 20	7 46	0 14	21 16	1 52	7 35	1 18	8 3	0 18	8 33	1 23	22 38	0 37	20 45	0 32	22 27	0 58	15 44	16 18	9 0	9 31	13 8	0 44	3 49
S 26	16 2	13 9	0n50	20 55	1 55	7 5	1 16	8 19	0 18	8 36	1 23	22 38	0 37	20 45	0 32	22 27	0 58	15 43	16 18	9 0	9 30	13 5	0 43	3 49
S 27	15 44	18 9	1 53	20 33	1 58	6 34	1 14	8 35	0 19	8 38	1 24	22 38	0 37	20 44	0 32	22 27	0 58	15 43	16 18	9 0	9 29	13 2	0 42	3 49
M28	15 25	22 29	2 53	20 9	2 0	6 4	1 12	8 51	0 20	8 41	1 24	22 37	0 37	20 43	0 32	22 27	0 58	15 42	16 18	9 0	9 28	12 59	0 41	3 49
T 29	15 6	25 50	3 46	19 44	2 2	5 33	1 10	9 7	0 21	8 44	1 24	22 37	0 37	20 43	0 32	22 27	0 58	15 41	16 17	8 59	9 26	12 55	0 40	3 49
W30	14 47	27 50	4 27	19 18	2 3	5 2	1 8	9 23	0 22	8 47	1 24	22 36	0 36	20 42	0 32	22 27	0 58	15 41	16 17	8 58	9 25	12 52	0 39	3 48
T 31	14s28	28n 7	4n55	18s50	2s 5	4s31	1s 6	9n39	0n23	8n49	1n24	22s36	0n36	20s41	0s32	22n28	0s58	15s40	16s17	8n55	9n24	12s49	0s38	3n48

Julian Day Number = 2297057.5, Delta T = 125.38 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'15, Lahiri = 17°57'15 Julian Calendar 1 Jan. 1577 == Greg. Calendar 11 Jan. 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

FEBRUARY 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 23 18	22♒12'55	23♋12	15♒ 7	22♓24	24♈36	10°R42	8♉50	0♒15	4°R29	28♓ 5	22°R45	24♈ 8	6♓17	19♓40	F 1
S 2	9 27 14	23°13'26	8♌12	16°51	23°38	25°16	10♍35	8°55	0°18	4♋28	28° 6	22♈35	24° 5	6°24	19°43	S 2
S 3	9 31 11	24°13'55	23°27	18°36	24°52	25°57	10°28	9° 1	0°22	4°27	28° 7	22°26	24° 2	6°31	19°47	S 3
M 4	9 35 8	25°14'22	8♍45	20°22	26° 5	26°38	10°21	9° 7	0°25	4°26	28° 9	22°18	23°58	6°37	19°50	M 4
T 5	9 39 4	26°14'48	23°55	22° 9	27°19	27°18	10°13	9°12	0°28	4°25	28°10	22°13	23°55	6°44	19°54	T 5
W 6	9 43 1	27°15'13	8♎49	23°56	28°32	27°59	10° 6	9°18	0°31	4°24	28°11	22°10	23°52	6°51	19°57	W 6
T 7	9 46 57	28°15'36	23°19	25°45	29°45	28°39	9°58	9°23	0°35	4°24	28°12	22°D 9	23°49	6°57	20° 1	T 7
F 8	9 50 54	29°15'57	7♏22	27°35	0♈58	29°20	9°51	9°29	0°38	4°23	28°14	22°10	23°46	7° 4	20° 4	F 8
S 9	9 54 50	0♓16'17	20°59	29°25	2°12	0♉ 0	9°43	9°34	0°41	4°22	28°15	22°11	23°43	7°11	20° 8	S 9
S 10	9 58 47	1°16'36	4♐12	1♓17	3°25	0°41	9°36	9°39	0°44	4°21	28°16	22°R11	23°39	7°17	20°11	S 10
M11	10 2 43	2°16'53	17° 4	3° 9	4°38	1°21	9°28	9°44	0°47	4°20	28°18	22°10	23°36	7°24	20°15	M11
T 12	10 6 40	3°17'09	29°39	5° 2	5°51	2° 2	9°20	9°50	0°50	4°20	28°19	22° 7	23°33	7°31	20°19	T 12
W13	10 10 37	4°17'24	11♑59	6°56	7° 4	2°42	9°12	9°55	0°54	4°19	28°21	22° 1	23°30	7°37	20°22	W13
T 14	10 14 33	5°17'36	24° 8	8°50	8°17	3°22	9° 5	10° 0	0°57	4°18	28°22	21°54	23°27	7°44	20°26	T 14
F 15	10 18 30	6°17'47	6♒10	10°45	9°30	4° 3	8°57	10° 5	1° 0	4°18	28°23	21°45	23°24	7°51	20°30	F 15
S 16	10 22 26	7°17'57	18° 6	12°41	10°42	4°43	8°49	10° 9	1° 3	4°17	28°25	21°36	23°20	7°57	20°33	S 16
S 17	10 26 23	8°18'04	29°58	14°37	11°55	5°23	8°41	10°14	1° 6	4°16	28°26	21°28	23°17	8° 4	20°37	S 17
M18	10 30 19	9°18'10	11♓47	16°33	13° 8	6° 4	8°33	10°19	1° 9	4°16	28°28	21°20	23°14	8°11	20°41	M18
T 19	10 34 16	10°18'13	23°37	18°30	14°20	6°44	8°25	10°24	1°12	4°15	28°29	21°15	23°11	8°17	20°44	T 19
W20	10 38 12	11°18'15	5♈27	20°26	15°33	7°24	8°18	10°28	1°14	4°15	28°30	21°11	23° 8	8°24	20°48	W20
T 21	10 42 9	12°18'15	17°22	22°21	16°45	8° 5	8°10	10°33	1°17	4°15	28°32	21°D10	23° 4	8°31	20°52	T 21
F 22	10 46 6	13°18'12	29°23	24°16	17°58	8°45	8° 2	10°37	1°20	4°14	28°33	21°10	23° 1	8°38	20°55	F 22
S 23	10 50 2	14°18'08	11♉33	26° 9	19°10	9°25	7°54	10°41	1°23	4°14	28°35	21°11	22°58	8°44	20°59	S 23
S 24	10 53 59	15°18'01	23°58	28° 1	20°22	10° 5	7°46	10°46	1°26	4°13	28°36	21°13	22°55	8°51	21° 3	S 24
M25	10 57 55	16°17'52	6♊41	29°52	21°34	10°46	7°39	10°50	1°29	4°13	28°38	21°14	22°52	8°58	21° 7	M25
T 26	11 1 52	17°17'41	19°46	1♈39	22°46	11°26	7°31	10°54	1°31	4°13	28°39	21°R15	22°49	9° 4	21°10	T 26
W27	11 5 48	18°17'28	3♋16	3°24	23°58	12° 6	7°23	10°58	1°34	4°13	28°41	21°14	22°45	9°11	21°14	W27
T 28	11 9 45	19♓17'12	17♋13	5♈ 6	25♈10	12♉46	7♍16	11♉ 2	1♒37	4♋12	28♓42	21♈11	22♈42	9♓18	21♓18	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
F 1	14s 8	26n29	5n 4	18s20	2s 5	4s 0	1s 4	9n55	0n23	8n52	1n24	22s36	0n36	20s40	0s33	22n28	0s58	15s39	16s17	8n52	9n23	12s46	0s36	3n48
S 2	13 49	22 58	4 53	17 49	2 6	3 29	1 2	10 11	0 24	8 55	1 25	22 35	0 36	20 40	0 33	22 28	0 58	15 39	16 16	8 49	9 22	12 43	0 35	3 48
S 3	13 29	17 50	4 21	17 16	2 6	2 58	1 0	10 26	0 25	8 58	1 25	22 35	0 36	20 39	0 33	22 28	0 58	15 38	16 16	8 45	9 21	12 40	0 34	3 48
M 4	13 8	11 33	3 31	16 42	2 5	2 26	0 58	10 42	0 26	9 1	1 25	22 35	0 36	20 38	0 33	22 28	0 58	15 37	16 16	8 42	9 19	12 37	0 33	3 48
T 5	12 48	4 38	2 25	16 7	2 4	1 55	0 55	10 57	0 27	9 4	1 25	22 34	0 36	20 38	0 33	22 28	0 57	15 37	16 16	8 40	9 18	12 34	0 32	3 47
W 6	12 27	2s25	1 11	15 30	2 2	1 23	0 53	11 12	0 27	9 7	1 25	22 34	0 36	20 37	0 33	22 28	0 57	15 36	16 16	8 39	9 17	12 31	0 30	3 47
T 7	12 6	9 10	0s 6	14 51	2 1	0 52	0 50	11 27	0 28	9 10	1 25	22 34	0 36	20 36	0 33	22 28	0 57	15 35	16 16	8 39	9 16	12 28	0 29	3 47
F 8	11 45	15 17	1 21	14 11	1 58	0 20	0 48	11 43	0 29	9 13	1 25	22 33	0 36	20 36	0 33	22 28	0 57	15 35	16 15	8 39	9 15	12 25	0 28	3 47
S 9	11 24	20 26	2 29	13 30	1 55	0n11	0 45	11 58	0 29	9 16	1 26	22 33	0 36	20 35	0 33	22 28	0 57	15 34	16 15	8 39	9 14	12 22	0 26	3 47
S 10	11 3	24 25	3 26	12 47	1 52	0 43	0 42	12 12	0 30	9 19	1 26	22 33	0 36	20 34	0 33	22 28	0 57	15 33	16 15	8 40	9 12	12 19	0 25	3 47
M11	10 41	27 3	4 12	12 3	1 48	1 14	0 40	12 27	0 31	9 22	1 26	22 32	0 36	20 34	0 33	22 28	0 57	15 33	16 15	8 39	9 11	12 16	0 24	3 47
T 12	10 20	28 14	4 44	11 17	1 43	1 46	0 37	12 42	0 32	9 25	1 26	22 32	0 36	20 33	0 33	22 28	0 57	15 32	16 15	8 38	9 10	12 13	0 23	3 46
W13	9 58	27 59	5 3	10 30	1 38	2 17	0 34	12 57	0 32	9 28	1 26	22 32	0 36	20 32	0 33	22 28	0 57	15 31	16 15	8 36	9 9	12 10	0 21	3 46
T 14	9 36	26 22	5 7	9 42	1 32	2 49	0 31	13 11	0 33	9 31	1 26	22 31	0 36	20 32	0 33	22 28	0 57	15 31	16 15	8 33	9 8	12 6	0 20	3 46
F 15	9 13	23 35	4 58	8 52	1 26	3 20	0 28	13 25	0 34	9 34	1 26	22 31	0 36	20 31	0 33	22 29	0 57	15 30	16 14	8 30	9 6	12 3	0 19	3 46
S 16	8 51	19 48	4 36	8 2	1 19	3 52	0 25	13 40	0 34	9 37	1 26	22 31	0 36	20 30	0 33	22 29	0 57	15 29	16 14	8 26	9 5	12 0	0 17	3 46
S 17	8 29	15 16	4 1	7 10	1 11	4 23	0 22	13 54	0 35	9 40	1 26	22 30	0 36	20 30	0 33	22 29	0 57	15 29	16 14	8 23	9 4	11 57	0 16	3 46
M18	8 6	10 11	3 17	6 17	1 3	4 54	0 19	14 8	0 36	9 43	1 26	22 30	0 36	20 29	0 33	22 29	0 57	15 28	16 14	8 20	9 3	11 54	0 15	3 46
T 19	7 43	4 45	2 24	5 24	0 54	5 25	0 16	14 22	0 36	9 46	1 26	22 30	0 36	20 29	0 33	22 29	0 57	15 27	16 14	8 18	9 2	11 51	0 13	3 46
W20	7 21	0n53	1 24	4 29	0 45	5 56	0 13	14 36	0 37	9 49	1 27	22 29	0 36	20 28	0 33	22 29	0 57	15 27	16 14	8 17	9 1	11 48	0 12	3 46
T 21	6 58	6 31	0 21	3 35	0 35	6 27	0 10	14 49	0 37	9 52	1 27	22 29	0 36	20 27	0 33	22 29	0 57	15 26	16 14	8 17	8 59	11 45	0 11	3 46
F 22	6 35	11 58	0n45	2 40	0 25	6 58	0 7	15 3	0 38	9 55	1 27	22 29	0 36	20 27	0 33	22 29	0 57	15 25	16 14	8 17	8 58	11 42	0 9	3 45
S 23	6 12	17 4	1 49	1 44	0 14	7 28	0 3	15 17	0 39	9 58	1 27	22 28	0 36	20 26	0 33	22 29	0 57	15 25	16 14	8 17	8 57	11 39	0 8	3 45
S 24	5 48	21 33	2 49	0 49	0 2	7 58	0 0	15 30	0 39	10 1	1 27	22 28	0 36	20 26	0 33	22 29	0 57	15 24	16 13	8 18	8 56	11 35	0 6	3 45
M25	5 25	25 8	3 43	0n 6	0n10	8 29	0n 3	15 43	0 40	10 4	1 27	22 28	0 36	20 25	0 33	22 29	0 57	15 23	16 13	8 18	8 55	11 32	0 5	3 45
T 26	5 2	27 32	4 27	1 0	0 22	8 59	0 7	15 56	0 40	10 7	1 27	22 27	0 36	20 24	0 33	22 29	0 57	15 23	16 13	8 18	8 53	11 29	0 4	3 45
W27	4 38	28 25	4 58	1 53	0 35	9 28	0 10	16 9	0 41	10 9	1 27	22 27	0 36	20 24	0 33	22 29	0 57	15 22	16 13	8 18	8 52	11 26	0 2	3 45
T 28	4s15	27n32	5n12	2n45	0n47	9n58	0n13	16n22	0n42	10n12	1n27	22s27	0n36	20s23	0s33	22n29	0s57	15s22	16s13	8n17	8n51	11s23	0s 1	3n45

Julian Day Number = 2297088.5, Delta T = 125.23 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'19, Lahiri = 17°57'20 Julian Calendar 1 Feb. 1577 == Greg. Calendar 11 Feb. 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

MARCH 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 13 41	20♓16'54	1♌38	6♈44	26♈22	13♉26	7°R 8	11♑ 6	1♒39	4°R12	28♓43	21°R 8	22♈39	9♓24	21♓22	F 1
S 2	11 17 38	21°16'34	16°26	8°17	27°33	14° 6	7♍ 1	11°10	1°42	4♋12	28°45	21♈ 4	22°36	9°31	21°25	S 2
S 3	11 21 35	22°16'12	1♍31	9°46	28°45	14°46	6°54	11°14	1°44	4°12	28°46	20°59	22°33	9°38	21°29	S 3
M 4	11 25 31	23°15'47	16°46	11°10	29°56	15°26	6°46	11°17	1°47	4°12	28°48	20°56	22°29	9°44	21°33	M 4
T 5	11 29 28	24°15'20	1♎58	12°28	1♉ 8	16° 6	6°39	11°21	1°49	4°12	28°49	20°53	22°26	9°51	21°36	T 5
W 6	11 33 24	25°14'51	17° 0	13°40	2°19	16°46	6°32	11°24	1°52	4°D12	28°51	20°D52	22°23	9°58	21°40	W 6
T 7	11 37 21	26°14'21	1♏41	14°45	3°30	17°26	6°25	11°28	1°54	4°12	28°52	20°53	22°20	10° 4	21°44	T 7
F 8	11 41 17	27°13'48	15°58	15°44	4°41	18° 6	6°18	11°31	1°57	4°12	28°54	20°54	22°17	10°11	21°48	F 8
S 9	11 45 14	28°13'14	29°47	16°36	5°52	18°46	6°11	11°34	1°59	4°12	28°55	20°55	22°14	10°18	21°51	S 9
S 10	11 49 10	29°12'38	13♐10	17°21	7° 3	19°26	6° 4	11°37	2° 1	4°12	28°57	20°57	22°10	10°24	21°55	S 10
M11	11 53 7	0♈12'00	26° 7	17°58	8°14	20° 6	5°58	11°40	2° 3	4°12	28°58	20°R57	22° 7	10°31	21°59	M11
T 12	11 57 4	1°11'21	8♑44	18°28	9°25	20°46	5°51	11°43	2° 6	4°13	29° 0	20°57	22° 4	10°38	22° 3	T 12
W13	12 1 0	2°10'39	21° 3	18°51	10°35	21°26	5°45	11°46	2° 8	4°13	29° 1	20°56	22° 1	10°44	22° 6	W13
T 14	12 4 57	3° 9'56	3♒ 8	19° 5	11°46	22° 5	5°39	11°49	2°10	4°13	29° 3	20°54	21°58	10°51	22°10	T 14
F 15	12 8 53	4° 9'11	15° 5	19°13	12°56	22°45	5°32	11°52	2°12	4°13	29° 4	20°52	21°55	10°58	22°14	F 15
S 16	12 12 50	5° 8'24	26°56	19°R13	14° 6	23°25	5°26	11°54	2°14	4°14	29° 6	20°49	21°51	11° 5	22°17	S 16
S 17	12 16 46	6° 7'35	8♓45	19° 6	15°17	24° 5	5°20	11°57	2°16	4°14	29° 7	20°47	21°48	11°11	22°21	S 17
M18	12 20 43	7° 6'44	20°34	18°53	16°27	24°44	5°15	11°59	2°18	4°15	29° 9	20°45	21°45	11°18	22°25	M18
T 19	12 24 39	8° 5'51	2♈26	18°33	17°36	25°24	5° 9	12° 2	2°20	4°15	29°10	20°44	21°42	11°25	22°28	T 19
W20	12 28 36	9° 4'56	14°23	18° 7	18°46	26° 4	5° 3	12° 4	2°22	4°16	29°12	20°43	21°39	11°31	22°32	W20
T 21	12 32 33	10° 3'59	26°27	17°36	19°56	26°43	4°58	12° 6	2°24	4°16	29°13	20°D43	21°35	11°38	22°35	T 21
F 22	12 36 29	11° 3'00	8♉39	17° 1	21° 5	27°23	4°53	12° 8	2°25	4°17	29°15	20°43	21°32	11°45	22°39	F 22
S 23	12 40 26	12° 1'59	21° 2	16°22	22°15	28° 3	4°48	12°10	2°27	4°17	29°16	20°44	21°29	11°51	22°43	S 23
S 24	12 44 22	13° 0'55	3♊38	15°40	23°24	28°42	4°43	12°12	2°29	4°18	29°18	20°45	21°26	11°58	22°46	S 24
M25	12 48 19	13°59'50	16°29	14°55	24°33	29°22	4°38	12°14	2°31	4°18	29°19	20°46	21°23	12° 5	22°50	M25
T 26	12 52 15	14°58'42	29°38	14°10	25°42	0♊ 1	4°34	12°15	2°32	4°19	29°20	20°46	21°20	12°11	22°53	T 26
W27	12 56 12	15°57'32	13♋ 6	13°24	26°51	0°41	4°29	12°17	2°34	4°20	29°22	20°R46	21°16	12°18	22°57	W27
T 28	13 0 8	16°56'19	26°55	12°39	28° 0	1°20	4°25	12°18	2°35	4°20	29°23	20°46	21°13	12°25	23° 0	T 28
F 29	13 4 5	17°55'05	11♌ 5	11°55	29° 9	2° 0	4°21	12°20	2°37	4°21	29°25	20°46	21°10	12°31	23° 4	F 29
S 30	13 8 2	18°53'47	25°34	11°13	0♊17	2°39	4°17	12°21	2°38	4°22	29°26	20°46	21° 7	12°38	23° 7	S 30
S 31	13 11 58	19♈52'28	10♍19	10♈34	1♊25	3♊19	4♍13	12♑22	2♒39	4♋23	29♓28	20♈46	21♈ 4	12♓45	23♓11	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	3s52	24n50	5n 7	3n36	1n 0	10n27	0n17	16n35	0n42	10n15	1n27	22s26	0n36	20s23	0s33	22n29	0s57	15s21	16s13	8n16	8n50	11s20	0n 1	3n45
S 2	3 28	20 26	4 43	4 25	1 13	10 57	0 20	16 47	0 43	10 18	1 27	22 26	0 36	20 22	0 33	22 29	0 56	15 20	16 13	8 14	8 49	11 17	0 2	3 45
S 3	3 4	14 40	3 58	5 12	1 26	11 25	0 24	17 0	0 43	10 21	1 27	22 26	0 36	20 22	0 33	22 29	0 56	15 20	16 13	8 13	8 48	11 13	0 3	3 45
M 4	2 41	7 57	2 56	5 56	1 39	11 54	0 27	17 12	0 44	10 23	1 27	22 25	0 36	20 21	0 33	22 29	0 56	15 19	16 13	8 11	8 46	11 10	0 5	3 45
T 5	2 17	0 46	1 42	6 39	1 51	12 22	0 31	17 24	0 44	10 26	1 27	22 25	0 36	20 20	0 33	22 29	0 56	15 18	16 13	8 10	8 45	11 7	0 6	3 45
W 6	1 54	6s22	0 21	7 18	2 3	12 50	0 34	17 36	0 45	10 29	1 27	22 25	0 36	20 20	0 33	22 30	0 56	15 18	16 13	8 10	8 44	11 4	0 8	3 45
T 7	1 30	13 1	0s59	7 54	2 15	13 18	0 38	17 48	0 45	10 31	1 27	22 25	0 36	20 19	0 33	22 30	0 56	15 17	16 13	8 10	8 43	11 1	0 9	3 45
F 8	1 6	18 47	2 14	8 27	2 26	13 46	0 41	18 0	0 46	10 34	1 26	22 24	0 36	20 19	0 33	22 30	0 56	15 17	16 13	8 11	8 42	10 58	0 11	3 44
S 9	0 43	23 23	3 18	8 57	2 36	14 13	0 45	18 11	0 46	10 36	1 26	22 24	0 36	20 18	0 33	22 30	0 56	15 16	16 13	8 11	8 40	10 55	0 12	3 44
S 10	0 19	26 33	4 9	9 23	2 46	14 40	0 48	18 23	0 47	10 39	1 26	22 24	0 36	20 18	0 33	22 30	0 56	15 15	16 13	8 12	8 39	10 51	0 13	3 44
M11	0n 5	28 13	4 46	9 45	2 55	15 6	0 52	18 34	0 47	10 41	1 26	22 24	0 36	20 17	0 33	22 30	0 56	15 15	16 13	8 12	8 38	10 48	0 15	3 44
T 12	0 28	28 20	5 8	10 4	3 2	15 32	0 55	18 45	0 48	10 43	1 26	22 23	0 35	20 17	0 33	22 30	0 56	15 14	16 13	8 12	8 37	10 45	0 16	3 44
W13	0 52	27 2	5 15	10 18	3 9	15 58	0 59	18 56	0 48	10 46	1 26	22 23	0 35	20 17	0 33	22 30	0 56	15 14	16 13	8 11	8 36	10 42	0 18	3 44
T 14	1 16	24 30	5 8	10 29	3 14	16 23	1 2	19 7	0 49	10 48	1 26	22 23	0 35	20 16	0 33	22 30	0 56	15 13	16 13	8 11	8 35	10 39	0 19	3 44
F 15	1 39	20 56	4 48	10 35	3 18	16 48	1 6	19 18	0 49	10 50	1 26	22 23	0 35	20 16	0 34	22 30	0 56	15 13	16 13	8 10	8 33	10 36	0 21	3 44
S 16	2 3	16 33	4 15	10 38	3 20	17 13	1 9	19 28	0 50	10 52	1 26	22 22	0 35	20 15	0 34	22 30	0 56	15 12	16 13	8 9	8 32	10 32	0 22	3 44
S 17	2 26	11 35	3 32	10 36	3 21	17 37	1 13	19 39	0 50	10 54	1 26	22 22	0 35	20 15	0 34	22 30	0 56	15 11	16 13	8 8	8 31	10 29	0 23	3 44
M18	2 50	6 11	2 39	10 30	3 21	18 1	1 17	19 49	0 50	10 56	1 26	22 22	0 35	20 14	0 34	22 30	0 56	15 11	16 13	8 7	8 30	10 26	0 25	3 44
T 19	3 13	0 33	1 40	10 20	3 18	18 24	1 20	19 59	0 51	10 58	1 26	22 22	0 35	20 14	0 34	22 30	0 56	15 10	16 13	8 7	8 29	10 23	0 26	3 44
W20	3 36	5n 9	0 35	10 7	3 15	18 47	1 23	20 9	0 51	11 0	1 26	22 22	0 35	20 14	0 34	22 30	0 56	15 10	16 13	8 6	8 27	10 20	0 28	3 44
T 21	4 0	10 43	0n32	9 50	3 9	19 10	1 27	20 19	0 52	11 2	1 25	22 21	0 35	20 13	0 34	22 30	0 56	15 9	16 13	8 6	8 26	10 17	0 29	3 44
F 22	4 23	15 58	1 38	9 30	3 2	19 32	1 30	20 28	0 52	11 4	1 25	22 21	0 35	20 13	0 34	22 30	0 56	15 9	16 14	8 7	8 25	10 13	0 30	3 44
S 23	4 46	20 38	2 40	9 7	2 53	19 53	1 34	20 38	0 53	11 6	1 25	22 21	0 35	20 12	0 34	22 30	0 56	15 8	16 14	8 7	8 24	10 10	0 32	3 44
S 24	5 9	24 28	3 36	8 41	2 43	20 14	1 37	20 47	0 53	11 7	1 25	22 21	0 35	20 12	0 34	22 30	0 56	15 8	16 14	8 7	8 23	10 7	0 33	3 44
M25	5 32	27 10	4 22	8 13	2 32	20 35	1 40	20 56	0 53	11 9	1 25	22 21	0 35	20 12	0 34	22 30	0 56	15 7	16 14	8 8	8 21	10 4	0 35	3 44
T 26	5 55	28 26	4 56	7 44	2 19	20 55	1 44	21 5	0 54	11 11	1 25	22 21	0 35	20 11	0 34	22 30	0 55	15 7	16 14	8 8	8 20	10 1	0 36	3 44
W27	6 18	28 4	5 15	7 13	2 5	21 14	1 47	21 13	0 54	11 12	1 25	22 21	0 35	20 11	0 34	22 30	0 55	15 6	16 14	8 8	8 19	9 57	0 38	3 44
T 28	6 40	25 59	5 16	6 42	1 50	21 33	1 50	21 22	0 54	11 14	1 25	22 20	0 35	20 11	0 34	22 30	0 55	15 6	16 14	8 8	8 18	9 54	0 39	3 44
F 29	7 3	22 15	4 58	6 10	1 35	21 52	1 54	21 30	0 55	11 15	1 24	22 20	0 35	20 10	0 34	22 30	0 55	15 5	16 14	8 8	8 17	9 51	0 40	3 44
S 30	7 25	17 7	4 21	5 39	1 19	22 10	1 57	21 39	0 55	11 16	1 24	22 20	0 35	20 10	0 34	22 30	0 55	15 5	16 14	8 8	8 15	9 48	0 42	3 44
S 31	7n47	10n54	3n26	5n 9	1n 2	22n27	2n 0	21n47	0n56	11n17	1n24	22s20	0n35	20s10	0s34	22n30	0s55	15s 5	16s14	8n 8	8n14	9s44	0n43	3n44

Julian Day Number = 2297116.5, Delta T = 125.09 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'23, Lahiri = 17°57'23 Julian Calendar 1 March 1577 == Greg. Calendar 11 March 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

APRIL 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 15 55	20♈51'06	25♍13	9°R59	2♊33	3♊58	4°R10	12♑23	2♒41	4♋24	29♓29	20°D46	21♈ 1	12♓51	23♓14	M 1
T 2	13 19 51	21°49'42	10♎10	9♈27	3°41	4°38	4♍ 6	12°24	2°42	4°25	29°30	20♈46	20°57	12°58	23°17	T 2
W 3	13 23 48	22°48'16	25° 2	8°59	4°49	5°17	4° 3	12°25	2°43	4°26	29°32	20°R46	20°54	13° 5	23°21	W 3
T 4	13 27 44	23°46'49	9♏40	8°36	5°57	5°56	4° 0	12°26	2°45	4°27	29°33	20°46	20°51	13°11	23°24	T 4
F 5	13 31 41	24°45'19	23°59	8°18	7° 4	6°36	3°57	12°27	2°46	4°28	29°35	20°45	20°48	13°18	23°27	F 5
S 6	13 35 37	25°43'48	7♐54	8° 5	8°11	7°15	3°54	12°27	2°47	4°29	29°36	20°45	20°45	13°25	23°31	S 6
S 7	13 39 34	26°42'15	21°24	7°57	9°18	7°54	3°52	12°28	2°48	4°30	29°37	20°44	20°41	13°31	23°34	S 7
M 8	13 43 30	27°40'41	4♑28	7°D54	10°25	8°33	3°49	12°28	2°49	4°31	29°39	20°44	20°38	13°38	23°37	M 8
T 9	13 47 27	28°39'04	17°10	7°55	11°32	9°13	3°47	12°29	2°50	4°32	29°40	20°43	20°35	13°45	23°40	T 9
W10	13 51 24	29°37'27	29°32	8° 2	12°38	9°52	3°45	12°29	2°51	4°33	29°41	20°D43	20°32	13°51	23°44	W10
T 11	13 55 20	0♉35'47	11♒39	8°14	13°45	10°31	3°43	12°29	2°52	4°34	29°43	20°43	20°29	13°58	23°47	T 11
F 12	13 59 17	1°34'06	23°35	8°30	14°51	11°10	3°42	12°R29	2°52	4°35	29°44	20°44	20°26	14° 5	23°50	F 12
S 13	14 3 13	2°32'24	5♓26	8°51	15°57	11°49	3°40	12°29	2°53	4°36	29°45	20°45	20°22	14°11	23°53	S 13
S 14	14 7 10	3°30'39	17°14	9°17	17° 2	12°28	3°39	12°29	2°54	4°38	29°46	20°46	20°19	14°18	23°56	S 14
M15	14 11 6	4°28'53	29° 5	9°46	18° 8	13° 7	3°38	12°28	2°54	4°39	29°48	20°47	20°16	14°25	23°59	M15
T 16	14 15 3	5°27'06	11♈ 2	10°20	19°13	13°47	3°37	12°28	2°55	4°40	29°49	20°48	20°13	14°31	24° 2	T 16
W17	14 18 59	6°25'17	23° 7	10°58	20°18	14°26	3°36	12°28	2°56	4°42	29°50	20°R48	20°10	14°38	24° 5	W17
T 18	14 22 56	7°23'26	5♉23	11°39	21°23	15° 5	3°36	12°27	2°56	4°43	29°51	20°48	20° 6	14°45	24° 8	T 18
F 19	14 26 53	8°21'34	17°51	12°24	22°28	15°44	3°36	12°26	2°57	4°44	29°53	20°46	20° 3	14°51	24°11	F 19
S 20	14 30 49	9°19'40	0♊33	13°13	23°32	16°23	3°D35	12°26	2°57	4°46	29°54	20°44	20° 0	14°58	24°14	S 20
S 21	14 34 46	10°17'44	13°28	14° 5	24°36	17° 2	3°35	12°25	2°57	4°47	29°55	20°41	19°57	15° 5	24°17	S 21
M22	14 38 42	11°15'46	26°37	15° 0	25°40	17°41	3°36	12°24	2°58	4°49	29°56	20°38	19°54	15°11	24°19	M22
T 23	14 42 39	12°13'47	10♋ 0	15°58	26°44	18°20	3°36	12°23	2°58	4°50	29°57	20°36	19°51	15°18	24°22	T 23
W24	14 46 35	13°11'46	23°37	17° 0	27°47	18°59	3°37	12°22	2°58	4°52	29°59	20°33	19°47	15°25	24°25	W24
T 25	14 50 32	14° 9'42	7♌27	18° 4	28°50	19°37	3°37	12°20	2°58	4°53	29°59	20°32	19°44	15°31	24°28	T 25
F 26	14 54 29	15° 7'37	21°30	19°11	29°53	20°16	3°38	12°19	2°58	4°55	0♈ 1	20°D32	19°41	15°38	24°30	F 26
S 27	14 58 25	16° 5'30	5♍44	20°21	0♋55	20°55	3°39	12°18	2°58	4°56	0° 2	20°33	19°38	15°45	24°33	S 27
S 28	15 2 22	17° 3'21	20° 8	21°33	1°57	21°34	3°41	12°16	2°R58	4°58	0° 3	20°35	19°35	15°51	24°36	S 28
M29	15 6 18	18° 1'11	4♎37	22°48	2°59	22°13	3°42	12°15	2°58	5° 0	0° 4	20°36	19°32	15°58	24°38	M29
T 30	15 10 15	18♉58'58	19♎ 9	24♈ 6	4♋ 0	22♊52	3♍44	12♑13	2♒58	5♋ 1	0♈ 5	20°R37	19♈28	16♓ 5	24♓41	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	8n10	4n 0	2n17	4n39	0n46	22n44	2n 3	21n55	0n56	11n19	1n24	22s20	0n35	20s10	0s34	22n30	0s55	15s 4	16s15	8n 8	8n13	9s41	0n44	3n44
T 2	8 32	3s 8	0 59	4 12	0 29	23 0	2 6	22 2	0 56	11 20	1 24	22 20	0 35	20 9	0 34	22 30	0 55	15 4	16 15	8 8	8 12	9 38	0 46	3 44
W 3	8 53	10 5	0s24	3 46	0 12	23 16	2 9	22 10	0 57	11 21	1 24	22 20	0 35	20 9	0 34	22 30	0 55	15 3	16 15	8 8	8 11	9 35	0 47	3 44
T 4	9 15	16 22	1 43	3 22	0s 4	23 31	2 12	22 17	0 57	11 22	1 23	22 20	0 35	20 9	0 34	22 30	0 55	15 3	16 15	8 7	8 9	9 32	0 49	3 44
F 5	9 37	21 37	2 54	3 0	0 20	23 45	2 15	22 24	0 57	11 23	1 23	22 20	0 35	20 9	0 34	22 30	0 55	15 2	16 15	8 7	8 8	9 28	0 50	3 44
S 6	9 58	25 31	3 53	2 40	0 35	23 59	2 17	22 31	0 58	11 23	1 23	22 20	0 35	20 8	0 34	22 30	0 55	15 2	16 15	8 7	8 7	9 25	0 51	3 45
S 7	10 19	27 49	4 37	2 24	0 50	24 12	2 20	22 38	0 58	11 24	1 23	22 20	0 35	20 8	0 34	22 30	0 55	15 2	16 15	8 7	8 6	9 22	0 53	3 45
M 8	10 40	28 30	5 5	2 9	1 4	24 25	2 23	22 45	0 58	11 25	1 23	22 20	0 35	20 8	0 34	22 30	0 55	15 1	16 16	8 7	8 5	9 19	0 54	3 45
T 9	11 1	27 37	5 17	1 58	1 18	24 37	2 25	22 51	0 59	11 26	1 23	22 20	0 35	20 8	0 34	22 30	0 55	15 1	16 16	8 7	8 3	9 15	0 55	3 45
W10	11 22	25 24	5 13	1 49	1 30	24 49	2 28	22 57	0 59	11 26	1 22	22 20	0 35	20 8	0 34	22 30	0 55	15 1	16 16	8 6	8 2	9 12	0 57	3 45
T 11	11 42	22 4	4 56	1 42	1 42	24 59	2 30	23 3	0 59	11 27	1 22	22 20	0 35	20 7	0 34	22 30	0 55	15 0	16 16	8 7	8 1	9 9	0 58	3 45
F 12	12 3	17 53	4 27	1 39	1 53	25 10	2 33	23 9	0 59	11 27	1 22	22 20	0 35	20 7	0 34	22 30	0 55	15 0	16 16	8 7	8 0	9 6	0 59	3 45
S 13	12 23	13 2	3 46	1 37	2 4	25 19	2 35	23 15	1 0	11 27	1 22	22 20	0 35	20 7	0 34	22 30	0 55	14 59	16 17	8 7	7 59	9 2	1 0	3 45
S 14	12 43	7 45	2 55	1 39	2 13	25 28	2 37	23 20	1 0	11 28	1 22	22 20	0 35	20 7	0 35	22 30	0 55	14 59	16 17	8 8	7 58	8 59	1 2	3 45
M15	13 3	2 10	1 57	1 42	2 22	25 37	2 39	23 26	1 0	11 28	1 22	22 20	0 35	20 7	0 35	22 30	0 55	14 59	16 17	8 8	7 56	8 56	1 3	3 45
T 16	13 22	3n33	0 54	1 48	2 30	25 44	2 41	23 31	1 1	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 59	16 17	8 8	7 55	8 53	1 4	3 45
W17	13 42	9 12	0n13	1 56	2 37	25 51	2 43	23 36	1 1	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 58	16 17	8 8	7 54	8 49	1 5	3 45
T 18	14 1	14 36	1 20	2 7	2 44	25 58	2 45	23 40	1 1	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 58	16 18	8 8	7 53	8 46	1 7	3 45
F 19	14 20	19 30	2 24	2 19	2 49	26 4	2 47	23 45	1 1	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 58	16 18	8 8	7 51	8 43	1 8	3 45
S 20	14 38	23 36	3 22	2 34	2 54	26 9	2 49	23 49	1 2	11 28	1 21	22 20	0 35	20 7	0 35	22 30	0 55	14 57	16 18	8 7	7 50	8 40	1 9	3 45
S 21	14 57	26 37	4 11	2 50	2 58	26 13	2 50	23 53	1 2	11 28	1 20	22 20	0 35	20 6	0 35	22 30	0 54	14 57	16 18	8 6	7 49	8 36	1 10	3 46
M22	15 15	28 15	4 48	3 8	3 1	26 17	2 52	23 57	1 2	11 28	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 57	16 19	8 5	7 48	8 33	1 11	3 46
T 23	15 33	28 16	5 9	3 28	3 4	26 20	2 53	24 1	1 2	11 27	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 57	16 19	8 4	7 47	8 30	1 13	3 46
W24	15 50	26 35	5 14	3 50	3 6	26 23	2 54	24 5	1 3	11 27	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 56	16 19	8 3	7 45	8 27	1 14	3 46
T 25	16 8	23 18	5 1	4 13	3 7	26 25	2 55	24 8	1 3	11 26	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 56	16 19	8 2	7 44	8 23	1 15	3 46
F 26	16 25	18 38	4 30	4 38	3 8	26 26	2 56	24 11	1 3	11 26	1 20	22 21	0 35	20 6	0 35	22 30	0 54	14 56	16 20	8 2	7 43	8 20	1 16	3 46
S 27	16 42	12 52	3 42	5 4	3 7	26 27	2 57	24 14	1 3	11 25	1 19	22 21	0 34	20 6	0 35	22 30	0 54	14 56	16 20	8 3	7 42	8 17	1 17	3 46
S 28	16 58	6 22	2 40	5 32	3 7	26 27	2 58	24 17	1 4	11 25	1 19	22 21	0 34	20 6	0 35	22 30	0 54	14 56	16 20	8 3	7 41	8 14	1 18	3 46
M29	17 14	0s31	1 27	6 1	3 5	26 26	2 59	24 20	1 4	11 24	1 19	22 22	0 34	20 7	0 35	22 30	0 54	14 55	16 20	8 4	7 39	8 10	1 19	3 46
T 30	17n30	7s24	0n 8	6n32	3s 3	26n25	2n59	24n22	1n 4	11n23	1n19	22s22	0n34	20s 7	0s35	22n30	0s54	14s55	16s21	8n 4	7n38	8s 7	1n21	3n46

Julian Day Number = 2297147.5, Delta T = 124.93 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'27, Lahiri = 17°57'28 Julian Calendar 1 Apr. 1577 == Greg. Calendar 11 Apr. 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

MAY 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 14 11	19♉56'44	3♏38	25♈25	5♋ 2	23♊30	3♍46	12°R11	2°R58	5♋ 3	0♈ 6	20°R36	19♈25	16♓11	24♓43	W 1
T 2	15 18 8	20°54'29	17°59	26°48	6° 2	24° 9	3°48	12♎ 9	2♒58	5° 5	0° 7	20♈34	19°22	16°18	24°45	T 2
F 3	15 22 4	21°52'12	2♐ 6	28°13	7° 3	24°48	3°50	12° 7	2°58	5° 6	0° 8	20°31	19°19	16°25	24°48	F 3
S 4	15 26 1	22°49'54	15°54	29°40	8° 3	25°27	3°52	12° 5	2°57	5° 8	0° 9	20°26	19°16	16°31	24°50	S 4
S 5	15 29 57	23°47'35	29°22	1♉ 9	9° 3	26° 5	3°55	12° 3	2°57	5°10	0°10	20°21	19°12	16°38	24°52	S 5
M 6	15 33 54	24°45'14	12♎27	2°41	10° 2	26°44	3°58	12° 1	2°57	5°12	0°11	20°16	19° 9	16°45	24°55	M 6
T 7	15 37 51	25°42'53	25°11	4°15	11° 1	27°23	4° 0	11°59	2°56	5°13	0°12	20°11	19° 6	16°51	24°57	T 7
W 8	15 41 47	26°40'30	7♒35	5°52	11°59	28° 1	4° 4	11°56	2°56	5°15	0°13	20° 8	19° 3	16°58	24°59	W 8
T 9	15 45 44	27°38'07	19°44	7°31	12°57	28°40	4° 7	11°54	2°55	5°17	0°14	20° 6	19° 0	17° 5	25° 1	T 9
F 10	15 49 40	28°35'42	1♓41	9°12	13°55	29°19	4°10	11°51	2°55	5°19	0°15	20°D 6	18°57	17°12	25° 3	F 10
S 11	15 53 37	29°33'16	13°32	10°55	14°52	29°57	4°14	11°49	2°54	5°21	0°16	20° 7	18°53	17°18	25° 5	S 11
S 12	15 57 33	0♊30'50	25°22	12°41	15°49	0♋36	4°17	11°46	2°53	5°23	0°17	20° 8	18°50	17°25	25° 7	S 12
M13	16 1 30	1°28'22	7♈15	14°28	16°45	1°14	4°21	11°43	2°53	5°25	0°17	20°10	18°47	17°31	25° 9	M13
T 14	16 5 27	2°25'54	19°16	16°19	17°41	1°53	4°25	11°40	2°52	5°26	0°18	20°R10	18°44	17°38	25°11	T 14
W15	16 9 23	3°23'25	1♉29	18°11	18°36	2°31	4°29	11°37	2°51	5°28	0°19	20°10	18°41	17°45	25°13	W15
T 16	16 13 20	4°20'55	13°57	20° 6	19°31	3°10	4°34	11°34	2°50	5°30	0°20	20° 7	18°38	17°51	25°15	T 16
F 17	16 17 16	5°18'24	26°42	22° 2	20°25	3°49	4°38	11°31	2°49	5°32	0°21	20° 3	18°34	17°58	25°17	F 17
S 18	16 21 13	6°15'52	9♊44	24° 1	21°19	4°27	4°43	11°28	2°48	5°34	0°21	19°56	18°31	18° 5	25°18	S 18
S 19	16 25 9	7°13'19	23° 2	26° 2	22°12	5° 6	4°48	11°25	2°47	5°36	0°22	19°49	18°28	18°11	25°20	S 19
M20	16 29 6	8°10'45	6♋36	28° 5	23° 4	5°44	4°53	11°22	2°46	5°38	0°23	19°41	18°25	18°18	25°22	M20
T 21	16 33 2	9° 8'10	20°22	0♊10	23°56	6°23	4°58	11°18	2°45	5°40	0°23	19°33	18°22	18°25	25°23	T 21
W22	16 36 59	10° 5'34	4♌18	2°16	24°47	7° 1	5° 3	11°15	2°44	5°42	0°24	19°27	18°18	18°31	25°25	W22
T 23	16 40 56	11° 2'57	18°20	4°24	25°37	7°39	5° 9	11°12	2°43	5°44	0°25	19°23	18°15	18°38	25°26	T 23
F 24	16 44 52	12° 0'19	2♍27	6°33	26°27	8°18	5°14	11° 8	2°42	5°47	0°25	19°21	18°12	18°45	25°28	F 24
S 25	16 48 49	12°57'39	16°36	8°43	27°16	8°56	5°20	11° 5	2°41	5°49	0°26	19°D21	18° 9	18°51	25°29	S 25
S 26	16 52 45	13°54'58	0♎46	10°54	28° 4	9°35	5°26	11° 1	2°39	5°51	0°26	19°21	18° 6	18°58	25°30	S 26
M27	16 56 42	14°52'17	14°55	13° 6	28°52	10°13	5°32	10°57	2°38	5°53	0°27	19°R22	18° 3	19° 5	25°31	M27
T 28	17 0 38	15°49'34	29° 3	15°17	29°38	10°51	5°38	10°53	2°37	5°55	0°28	19°22	17°59	19°11	25°33	T 28
W29	17 4 35	16°46'51	13♏ 6	17°29	0♌24	11°30	5°44	10°50	2°35	5°57	0°28	19°20	17°56	19°18	25°34	W29
T 30	17 8 31	17°44'07	27° 1	19°41	1° 9	12° 8	5°51	10°46	2°34	5°59	0°29	19°15	17°53	19°25	25°35	T 30
F 31	17 12 28	18♊41'22	10♐47	21♊52	1♌53	12♋46	5♍57	10♎42	2♒32	6♋ 1	0♈29	19♈ 8	17♈50	19♓31	25♓36	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	17n46	13s52	1s11	7n 3	3s 0	26n24	3n 0	24n24	1n 4	11n22	1n19	22s22	0n34	20s 7	0s35	22n30	0s54	14s55	16s21	8n 4	7n37	8s 4	1n22	3n46
T 2	18 2	19 32	2 24	7 36	2 57	26 21	3 0	24 26	1 4	11 21	1 18	22 22	0 34	20 7	0 35	22 30	0 54	14 55	16 21	8 3	7 36	8 0	1 23	3 47
F 3	18 17	24 1	3 28	8 10	2 53	26 18	3 0	24 28	1 5	11 20	1 18	22 22	0 34	20 7	0 35	22 30	0 54	14 55	16 21	8 2	7 35	7 57	1 24	3 47
S 4	18 31	27 1	4 17	8 45	2 49	26 15	3 0	24 30	1 5	11 19	1 18	22 23	0 34	20 7	0 35	22 30	0 54	14 55	16 22	8 0	7 33	7 54	1 25	3 47
S 5	18 46	28 21	4 51	9 21	2 44	26 11	3 0	24 31	1 5	11 18	1 18	22 23	0 34	20 7	0 35	22 30	0 54	14 55	16 22	7 58	7 32	7 51	1 26	3 47
M 6	19 0	28 2	5 9	9 57	2 38	26 6	3 0	24 33	1 5	11 17	1 18	22 23	0 34	20 7	0 35	22 30	0 54	14 54	16 22	7 56	7 31	7 47	1 27	3 47
T 7	19 14	26 14	5 10	10 35	2 32	26 1	2 59	24 34	1 5	11 16	1 17	22 23	0 34	20 7	0 35	22 30	0 54	14 54	16 23	7 54	7 30	7 44	1 28	3 47
W 8	19 28	23 12	4 57	11 13	2 25	25 55	2 59	24 34	1 6	11 15	1 17	22 24	0 34	20 7	0 35	22 30	0 54	14 54	16 23	7 53	7 29	7 41	1 29	3 47
T 9	19 41	19 13	4 31	11 52	2 18	25 49	2 58	24 35	1 6	11 13	1 17	22 24	0 34	20 8	0 35	22 30	0 54	14 54	16 23	7 53	7 27	7 37	1 30	3 47
F 10	19 54	14 32	3 53	12 32	2 11	25 42	2 57	24 36	1 6	11 12	1 17	22 24	0 34	20 8	0 35	22 30	0 54	14 54	16 24	7 52	7 26	7 34	1 31	3 48
S 11	20 6	9 21	3 6	13 12	2 3	25 35	2 56	24 36	1 6	11 10	1 17	22 24	0 34	20 8	0 35	22 29	0 54	14 54	16 24	7 53	7 25	7 31	1 32	3 48
S 12	20 18	3 51	2 11	13 52	1 54	25 27	2 55	24 36	1 6	11 9	1 16	22 25	0 34	20 8	0 35	22 29	0 54	14 54	16 24	7 53	7 24	7 27	1 32	3 48
M13	20 30	1n49	1 10	14 33	1 45	25 18	2 53	24 36	1 6	11 7	1 16	22 25	0 34	20 8	0 36	22 29	0 54	14 54	16 24	7 54	7 23	7 24	1 33	3 48
T 14	20 42	7 29	0 5	15 13	1 36	25 10	2 52	24 36	1 7	11 6	1 16	22 25	0 34	20 9	0 36	22 29	0 54	14 54	16 25	7 54	7 21	7 21	1 34	3 48
W15	20 53	12 58	1n 1	15 54	1 26	25 0	2 50	24 35	1 7	11 4	1 16	22 26	0 34	20 9	0 36	22 29	0 54	14 54	16 25	7 54	7 20	7 18	1 35	3 48
T 16	21 4	18 3	2 5	16 35	1 16	24 51	2 48	24 34	1 7	11 2	1 16	22 26	0 34	20 9	0 36	22 29	0 54	14 54	16 25	7 53	7 19	7 14	1 36	3 48
F 17	21 14	22 27	3 4	17 15	1 6	24 40	2 46	24 33	1 7	11 0	1 16	22 26	0 34	20 9	0 36	22 29	0 54	14 54	16 26	7 51	7 18	7 11	1 37	3 48
S 18	21 24	25 50	3 55	17 55	0 56	24 30	2 44	24 32	1 7	10 58	1 15	22 26	0 34	20 9	0 36	22 29	0 54	14 54	16 26	7 49	7 17	7 8	1 38	3 49
S 19	21 34	27 53	4 35	18 35	0 45	24 19	2 41	24 31	1 7	10 56	1 15	22 27	0 34	20 10	0 36	22 29	0 54	14 54	16 26	7 46	7 15	7 4	1 38	3 49
M20	21 43	28 19	4 59	19 14	0 34	24 7	2 38	24 30	1 7	10 54	1 15	22 27	0 34	20 10	0 36	22 29	0 54	14 54	16 27	7 43	7 14	7 1	1 39	3 49
T 21	21 52	27 0	5 7	19 51	0 23	23 55	2 35	24 28	1 8	10 52	1 15	22 27	0 34	20 10	0 36	22 29	0 54	14 54	16 27	7 40	7 13	6 58	1 40	3 49
W22	22 1	24 2	4 57	20 28	0 12	23 43	2 32	24 26	1 8	10 50	1 15	22 28	0 33	20 11	0 36	22 29	0 54	14 54	16 27	7 38	7 12	6 54	1 41	3 49
T 23	22 9	19 38	4 29	21 3	0 2	23 31	2 29	24 24	1 8	10 48	1 14	22 28	0 33	20 11	0 36	22 29	0 54	14 54	16 28	7 36	7 10	6 51	1 41	3 49
F 24	22 17	14 7	3 45	21 36	0n 9	23 18	2 26	24 22	1 8	10 46	1 14	22 28	0 33	20 11	0 36	22 29	0 54	14 54	16 28	7 35	7 9	6 48	1 42	3 49
S 25	22 24	7 51	2 47	22 8	0 20	23 4	2 22	24 20	1 8	10 44	1 14	22 29	0 33	20 11	0 36	22 29	0 54	14 54	16 29	7 35	7 8	6 44	1 43	3 50
S 26	22 32	1 12	1 38	22 37	0 30	22 51	2 18	24 17	1 8	10 41	1 14	22 29	0 33	20 12	0 36	22 29	0 54	14 54	16 29	7 36	7 7	6 41	1 43	3 50
M27	22 38	5s32	0 24	23 5	0 40	22 37	2 14	24 14	1 8	10 39	1 14	22 30	0 33	20 12	0 36	22 28	0 53	14 54	16 29	7 36	7 6	6 38	1 44	3 50
T 28	22 44	11 58	0s52	23 30	0 49	22 23	2 9	24 11	1 8	10 36	1 14	22 30	0 33	20 12	0 36	22 28	0 53	14 55	16 30	7 36	7 4	6 34	1 45	3 50
W29	22 50	17 46	2 4	23 52	0 58	22 9	2 5	24 8	1 8	10 34	1 13	22 30	0 33	20 13	0 36	22 28	0 53	14 55	16 30	7 35	7 3	6 31	1 45	3 50
T 30	22 56	22 34	3 7	24 12	1 7	21 54	2 0	24 5	1 9	10 31	1 13	22 31	0 33	20 13	0 36	22 28	0 53	14 55	16 30	7 33	7 2	6 28	1 46	3 50
F 31	23n 1	26s 3	3s59	24n29	1n15	21n39	1n55	24n 1	1n 9	10n29	1n13	22s31	0n33	20s14	0s36	22n28	0s53	14s55	16s31	7n31	7n 1	6s24	1n46	3n50

Julian Day Number = 2297177.5, Delta T = 124.78 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'31, Lahiri = 17°57'32 Julian Calendar 1 May 1577 == Greg. Calendar 11 May 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

JUNE 1577 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 16 25	19♊38'36	24♐18	24♊ 3	2♌36	13♋25	6♍ 4	10°R38	2°R31	6♋ 3	0♈29	18°R59	17♈47	19♓38	25♓37	S 1
S 2	17 20 21	20°35'50	7♑33	26°12	3°18	14° 3	6°11	10♑34	2♒29	6° 6	0°30	18♈49	17°44	19°45	25°38	S 2
M 3	17 24 18	21°33'04	20°31	28°20	3°59	14°41	6°18	10°30	2°28	6° 8	0°30	18°38	17°40	19°51	25°39	M 3
T 4	17 28 14	22°30'17	3♒10	0♋27	4°39	15°20	6°25	10°26	2°26	6°10	0°31	18°29	17°37	19°58	25°40	T 4
W 5	17 32 11	23°27'30	15°32	2°32	5°17	15°58	6°32	10°22	2°24	6°12	0°31	18°21	17°34	20° 5	25°40	W 5
T 6	17 36 7	24°24'43	27°39	4°36	5°55	16°36	6°40	10°18	2°23	6°14	0°31	18°15	17°31	20°11	25°41	T 6
F 7	17 40 4	25°21'55	9♓36	6°38	6°31	17°14	6°47	10°14	2°21	6°17	0°32	18°12	17°28	20°18	25°42	F 7
S 8	17 44 0	26°19'08	21°27	8°38	7° 7	17°53	6°55	10° 9	2°19	6°19	0°32	18°D11	17°24	20°25	25°42	S 8
S 9	17 47 57	27°16'20	3♈16	10°36	7°40	18°31	7° 3	10° 5	2°17	6°21	0°32	18°11	17°21	20°31	25°43	S 9
M10	17 51 54	28°13'32	15°10	12°32	8°13	19° 9	7°10	10° 1	2°16	6°23	0°33	18°R11	17°18	20°38	25°44	M10
T 11	17 55 50	29°10'45	27°13	14°25	8°44	19°47	7°18	9°57	2°14	6°25	0°33	18°11	17°15	20°45	25°44	T 11
W12	17 59 47	0♋ 7'57	9♉31	16°17	9°14	20°26	7°26	9°52	2°12	6°28	0°33	18° 9	17°12	20°51	25°44	W12
T 13	18 3 43	1° 5'09	22° 8	18° 7	9°42	21° 4	7°35	9°48	2°10	6°30	0°33	18° 5	17° 9	20°58	25°45	T 13
F 14	18 7 40	2° 2'22	5♊ 5	19°54	10° 9	21°42	7°43	9°44	2° 8	6°32	0°33	17°58	17° 5	21° 5	25°45	F 14
S 15	18 11 36	2°59'34	18°24	21°40	10°34	22°20	7°51	9°39	2° 6	6°34	0°33	17°49	17° 2	21°11	25°45	S 15
S 16	18 15 33	3°56'47	2♋ 5	23°23	10°58	22°58	8° 0	9°35	2° 4	6°37	0°34	17°38	16°59	21°18	25°46	S 16
M17	18 19 30	4°53'59	16° 4	25° 4	11°20	23°37	8° 9	9°31	2° 2	6°39	0°34	17°27	16°56	21°25	25°46	M17
T 18	18 23 26	5°51'12	0♌17	26°43	11°40	24°15	8°17	9°26	2° 0	6°41	0°34	17°16	16°53	21°31	25°46	T 18
W19	18 27 23	6°48'24	14°37	28°20	11°58	24°53	8°26	9°22	1°58	6°43	0°34	17° 7	16°50	21°38	25°R46	W19
T 20	18 31 19	7°45'36	29° 0	29°55	12°14	25°31	8°35	9°17	1°56	6°45	0°34	17° 0	16°46	21°45	25°46	T 20
F 21	18 35 16	8°42'48	13♍21	1♌27	12°29	26° 9	8°44	9°13	1°54	6°48	0°R34	16°56	16°43	21°51	25°46	F 21
S 22	18 39 12	9°39'59	27°36	2°57	12°41	26°47	8°53	9° 9	1°51	6°50	0°34	16°55	16°40	21°58	25°46	S 22
S 23	18 43 9	10°37'11	11♎44	4°25	12°51	27°26	9° 3	9° 4	1°49	6°52	0°34	16°54	16°37	22° 5	25°45	S 23
M24	18 47 5	11°34'22	25°43	5°51	12°59	28° 4	9°12	9° 0	1°47	6°54	0°34	16°54	16°34	22°11	25°45	M24
T 25	18 51 2	12°31'33	9♏33	7°15	13° 5	28°42	9°22	8°55	1°45	6°57	0°34	16°53	16°30	22°18	25°45	T 25
W26	18 54 59	13°28'44	23°15	8°36	13° 9	29°20	9°31	8°51	1°43	6°59	0°34	16°50	16°27	22°25	25°44	W26
T 27	18 58 55	14°25'56	6♐46	9°55	13°R10	29°58	9°41	8°46	1°40	7° 1	0°33	16°44	16°24	22°31	25°44	T 27
F 28	19 2 52	15°23'07	20° 8	11°12	13° 9	0♌36	9°51	8°42	1°38	7° 3	0°33	16°35	16°21	22°38	25°44	F 28
S 29	19 6 48	16°20'19	3♑18	12°26	13° 6	1°14	10° 0	8°38	1°36	7° 5	0°33	16°24	16°18	22°45	25°43	S 29
S 30	19 10 45	17♋17'31	16♑14	13♌38	13♌ 0	1♌52	10♍10	8♑33	1♒34	7♋ 8	0♈33	16♈11	16♈15	22♓51	25♓42	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 5	27s58	4s36	24n44	1n22	21n24	1n49	23n57	1n 9	10n26	1n13	22s31	0n33	20s14	0s36	22n28	0s53	14s55	16s31	7n27	7n 0	6s21	1n47	3n51
S 2	23 10	28 14	4 58	24 55	1 29	21 9	1 44	23 54	1 9	10 23	1 13	22 32	0 33	20 14	0 36	22 28	0 53	14 55	16 31	7 23	6 58	6 18	1 47	3 51
M 3	23 14	26 55	5 3	25 4	1 35	20 54	1 38	23 50	1 9	10 21	1 13	22 32	0 33	20 15	0 36	22 28	0 53	14 55	16 32	7 19	6 57	6 14	1 48	3 51
T 4	23 17	24 15	4 54	25 10	1 40	20 38	1 32	23 45	1 9	10 18	1 12	22 33	0 33	20 15	0 36	22 28	0 53	14 56	16 32	7 16	6 56	6 11	1 48	3 51
W 5	23 20	20 31	4 31	25 13	1 45	20 22	1 25	23 41	1 9	10 15	1 12	22 33	0 33	20 15	0 36	22 28	0 53	14 56	16 33	7 13	6 55	6 8	1 49	3 51
T 6	23 23	16 0	3 55	25 13	1 49	20 7	1 19	23 36	1 9	10 12	1 12	22 33	0 33	20 16	0 36	22 28	0 53	14 56	16 33	7 11	6 53	6 4	1 49	3 51
F 7	23 25	10 55	3 10	25 11	1 52	19 51	1 12	23 32	1 9	10 9	1 12	22 34	0 32	20 16	0 36	22 28	0 53	14 56	16 33	7 9	6 52	6 1	1 50	3 51
S 8	23 27	5 30	2 17	25 7	1 54	19 35	1 5	23 27	1 9	10 6	1 12	22 34	0 32	20 17	0 36	22 28	0 53	14 56	16 34	7 9	6 51	5 57	1 50	3 52
S 9	23 28	0n 6	1 19	25 0	1 56	19 19	0 57	23 21	1 9	10 3	1 12	22 34	0 32	20 17	0 36	22 27	0 53	14 57	16 34	7 9	6 50	5 54	1 50	3 52
M10	23 29	5 44	0 16	24 50	1 57	19 3	0 49	23 16	1 9	10 0	1 12	22 35	0 32	20 18	0 36	22 27	0 53	14 57	16 34	7 9	6 49	5 51	1 51	3 52
T 11	23 30	11 15	0n48	24 39	1 57	18 47	0 41	23 11	1 9	9 57	1 11	22 35	0 32	20 18	0 36	22 27	0 53	14 57	16 35	7 9	6 47	5 47	1 51	3 52
W12	23 30	16 27	1 51	24 25	1 56	18 31	0 33	23 5	1 10	9 54	1 11	22 36	0 32	20 18	0 36	22 27	0 53	14 57	16 35	7 8	6 46	5 44	1 51	3 52
T 13	23 30	21 5	2 50	24 10	1 55	18 15	0 24	22 59	1 10	9 51	1 11	22 36	0 32	20 19	0 36	22 27	0 53	14 58	16 35	7 7	6 45	5 41	1 52	3 52
F 14	23 29	24 50	3 42	23 53	1 53	17 59	0 15	22 53	1 10	9 48	1 11	22 36	0 32	20 19	0 36	22 27	0 53	14 58	16 36	7 4	6 44	5 37	1 52	3 53
S 15	23 28	27 21	4 23	23 34	1 51	17 43	0 6	22 47	1 10	9 44	1 11	22 37	0 32	20 20	0 36	22 27	0 53	14 58	16 36	7 0	6 43	5 34	1 52	3 53
S 16	23 26	28 19	4 50	23 14	1 48	17 27	0s 4	22 41	1 10	9 41	1 11	22 37	0 32	20 20	0 36	22 27	0 53	14 59	16 37	6 56	6 41	5 31	1 52	3 53
M17	23 24	27 30	5 1	22 52	1 44	17 12	0 14	22 34	1 10	9 38	1 11	22 38	0 32	20 21	0 36	22 27	0 53	14 59	16 37	6 52	6 40	5 27	1 52	3 53
T 18	23 22	24 55	4 53	22 29	1 39	16 57	0 24	22 28	1 10	9 34	1 10	22 38	0 32	20 21	0 37	22 27	0 53	14 59	16 37	6 48	6 39	5 24	1 53	3 53
W19	23 19	20 45	4 27	22 5	1 35	16 41	0 35	22 21	1 10	9 31	1 10	22 38	0 32	20 22	0 37	22 26	0 53	15 0	16 38	6 44	6 38	5 20	1 53	3 53
T 20	23 16	15 21	3 45	21 40	1 29	16 26	0 46	22 14	1 10	9 27	1 10	22 39	0 31	20 22	0 37	22 26	0 53	15 0	16 38	6 42	6 36	5 17	1 53	3 53
F 21	23 13	9 8	2 47	21 14	1 23	16 12	0 57	22 7	1 10	9 24	1 10	22 39	0 31	20 23	0 37	22 26	0 53	15 0	16 38	6 40	6 35	5 14	1 53	3 54
S 22	23 9	2 29	1 40	20 47	1 17	15 57	1 8	21 59	1 10	9 20	1 10	22 40	0 31	20 23	0 37	22 26	0 53	15 1	16 39	6 40	6 34	5 10	1 53	3 54
S 23	23 4	4s14	0 27	20 19	1 9	15 43	1 20	21 52	1 10	9 16	1 10	22 40	0 31	20 24	0 37	22 26	0 53	15 1	16 39	6 39	6 33	5 7	1 53	3 54
M24	22 59	10 41	0s46	19 51	1 2	15 29	1 32	21 44	1 10	9 13	1 10	22 40	0 31	20 24	0 37	22 26	0 53	15 1	16 40	6 39	6 32	5 4	1 53	3 54
T 25	22 54	16 33	1 57	19 22	0 54	15 15	1 45	21 37	1 10	9 9	1 9	22 41	0 31	20 25	0 37	22 26	0 53	15 2	16 40	6 39	6 30	5 0	1 53	3 54
W26	22 49	21 31	2 59	18 53	0 46	15 2	1 57	21 29	1 10	9 5	1 9	22 41	0 31	20 25	0 37	22 26	0 53	15 2	16 40	6 38	6 29	4 57	1 53	3 54
T 27	22 43	25 17	3 51	18 24	0 37	14 49	2 10	21 21	1 10	9 2	1 9	22 42	0 31	20 26	0 37	22 26	0 53	15 2	16 41	6 35	6 28	4 53	1 53	3 55
F 28	22 36	27 36	4 29	17 54	0 27	14 37	2 23	21 12	1 10	8 58	1 9	22 42	0 31	20 26	0 37	22 25	0 53	15 3	16 41	6 32	6 27	4 50	1 53	3 55
S 29	22 30	28 20	4 52	17 24	0 18	14 25	2 37	21 4	1 10	8 54	1 9	22 42	0 31	20 27	0 37	22 25	0 53	15 3	16 41	6 28	6 25	4 47	1 53	3 55
S 30	22n23	27s28	5s 0	16n54	0n 8	14n14	2s50	20n56	1n10	8n50	1n 9	22s43	0n31	20s27	0s37	22n25	0s53	15s 4	16s42	6n23	6n24	4s43	1n53	3n55

Julian Day Number = 2297208.5, Delta T = 124.63 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'36, Lahiri = 17°57'36 Julian Calendar 1 June 1577 == Greg. Calendar 11 June 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

JULY 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 14 41	18♋14'43	28♉57	14♌47	12°R52	2♌31	10♍20	8°R29	1°R31	7♋10	0°R33	15°R58	16♈11	22♓58	25°R42	M 1
T 2	19 18 38	19°11'56	11♒25	15°53	12♌42	3° 9	10°31	8♉25	1♒29	7°12	0♈32	15♈46	16° 8	23° 5	25♓41	T 2
W 3	19 22 34	20° 9'09	23°40	16°57	12°29	3°47	10°41	8°21	1°27	7°14	0°32	15°36	16° 5	23°11	25°40	W 3
T 4	19 26 31	21° 6'23	5♓43	17°58	12°14	4°25	10°51	8°16	1°24	7°16	0°32	15°29	16° 2	23°18	25°40	T 4
F 5	19 30 28	22° 3'37	17°37	18°56	11°56	5° 3	11° 1	8°12	1°22	7°19	0°32	15°24	15°59	23°25	25°39	F 5
S 6	19 34 24	23° 0'53	29°26	19°51	11°36	5°41	11°12	8° 8	1°20	7°21	0°31	15°21	15°56	23°31	25°38	S 6
S 7	19 38 21	23°58'09	11♈14	20°43	11°14	6°19	11°22	8° 4	1°17	7°23	0°31	15°D20	15°52	23°38	25°37	S 7
M 8	19 42 17	24°55'26	23° 7	21°31	10°50	6°57	11°33	8° 0	1°15	7°25	0°31	15°R20	15°49	23°45	25°36	M 8
T 9	19 46 14	25°52'44	5♉10	22°16	10°24	7°35	11°44	7°55	1°12	7°27	0°30	15°20	15°46	23°51	25°35	T 9
W10	19 50 10	26°50'03	17°29	22°58	9°56	8°13	11°54	7°51	1°10	7°29	0°30	15°18	15°43	23°58	25°34	W10
T 11	19 54 7	27°47'23	0♊ 8	23°35	9°26	8°51	12° 5	7°47	1° 8	7°32	0°29	15°15	15°40	24° 5	25°33	T 11
F 12	19 58 3	28°44'43	13°11	24° 9	8°54	9°30	12°16	7°43	1° 5	7°34	0°29	15° 9	15°36	24°11	25°32	F 12
S 13	20 2 0	29°42'05	26°39	24°39	8°22	10° 8	12°27	7°39	1° 3	7°36	0°29	15° 0	15°33	24°18	25°30	S 13
S 14	20 5 57	0♌39'28	10♋34	25° 5	7°47	10°46	12°38	7°36	1° 0	7°38	0°28	14°50	15°30	24°24	25°29	S 14
M15	20 9 53	1°36'52	24°52	25°26	7°12	11°24	12°49	7°32	0°58	7°40	0°28	14°39	15°27	24°31	25°28	M15
T 16	20 13 50	2°34'17	9♌27	25°42	6°36	12° 2	13° 0	7°28	0°56	7°42	0°27	14°29	15°24	24°38	25°26	T 16
W17	20 17 46	3°31'43	24°11	25°54	5°59	12°40	13°12	7°24	0°53	7°44	0°26	14°20	15°21	24°44	25°25	W17
T 18	20 21 43	4°29'09	8♍58	26° 0	5°22	13°18	13°23	7°20	0°51	7°46	0°26	14°14	15°17	24°51	25°23	T 18
F 19	20 25 39	5°26'36	23°40	26°R 2	4°45	13°56	13°34	7°17	0°48	7°48	0°25	14°10	15°14	24°58	25°22	F 19
S 20	20 29 36	6°24'04	8♎10	25°58	4° 8	14°34	13°46	7°13	0°46	7°50	0°25	14°D 9	15°11	25° 4	25°20	S 20
S 21	20 33 32	7°21'32	22°26	25°49	3°31	15°12	13°57	7°10	0°44	7°52	0°24	14° 9	15° 8	25°11	25°19	S 21
M22	20 37 29	8°19'02	6♏27	25°35	2°54	15°51	14° 9	7° 6	0°41	7°54	0°23	14°R 9	15° 5	25°18	25°17	M22
T 23	20 41 26	9°16'32	20°11	25°15	2°19	16°29	14°21	7° 3	0°39	7°56	0°23	14° 8	15° 2	25°24	25°15	T 23
W24	20 45 22	10°14'03	3♐40	24°51	1°44	17° 7	14°32	7° 0	0°37	7°58	0°22	14° 6	14°58	25°31	25°14	W24
T 25	20 49 19	11°11'34	16°55	24°21	1°11	17°45	14°44	6°56	0°34	8° 0	0°21	14° 2	14°55	25°38	25°12	T 25
F 26	20 53 15	12° 9'07	29°56	23°46	0°39	18°23	14°56	6°53	0°32	8° 2	0°21	13°54	14°52	25°44	25°10	F 26
S 27	20 57 12	13° 6'41	12♑46	23° 7	0° 8	19° 1	15° 8	6°50	0°30	8° 4	0°20	13°45	14°49	25°51	25° 8	S 27
S 28	21 1 8	14° 4'16	25°23	22°25	29♋39	19°39	15°20	6°47	0°27	8° 6	0°19	13°35	14°46	25°58	25° 6	S 28
M29	21 5 5	15° 1'51	7♒49	21°39	29°12	20°17	15°31	6°44	0°25	8° 8	0°18	13°24	14°42	26° 4	25° 4	M29
T 30	21 9 1	15°59'29	20° 4	20°50	28°47	20°55	15°43	6°41	0°23	8° 9	0°18	13°14	14°39	26°11	25° 2	T 30
W31	21 12 58	16♌57'07	2♓ 9	20♌ 0	28♋25	21♌34	15♍56	6♉38	0♒20	8♋11	0♈17	13♈ 6	14♈36	26♓18	25♓ 0	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	22n15	25s11	4s53	16n24	0s 3	14n 3	3s 4	20n47	1n10	8n46	1n 9	22s43	0n30	20s28	0s37	22n25	0s53	15s 4	16s42	6n18	6n23	4s40	1n53	3n55
T 2	22 7	21 44	4 31	15 54	0 14	13 53	3 18	20 38	1 10	8 42	1 9	22 43	0 30	20 28	0 37	22 25	0 53	15 4	16 42	6 13	6 22	4 37	1 53	3 55
W 3	21 59	17 24	3 57	15 24	0 25	13 43	3 32	20 29	1 10	8 38	1 9	22 44	0 30	20 29	0 37	22 25	0 53	15 5	16 43	6 9	6 21	4 33	1 53	3 55
T 4	21 50	12 26	3 13	14 55	0 36	13 33	3 46	20 20	1 10	8 34	1 8	22 44	0 30	20 30	0 37	22 25	0 53	15 5	16 43	6 6	6 19	4 30	1 52	3 56
F 5	21 41	7 4	2 21	14 26	0 48	13 25	4 0	20 11	1 10	8 30	1 8	22 44	0 30	20 30	0 37	22 25	0 53	15 6	16 44	6 4	6 18	4 26	1 52	3 56
S 6	21 32	1 30	1 23	13 57	1 0	13 17	4 14	20 1	1 10	8 26	1 8	22 45	0 30	20 31	0 37	22 25	0 53	15 6	16 44	6 4	6 17	4 23	1 52	3 56
S 7	21 22	4n 7	0 22	13 29	1 12	13 9	4 28	19 52	1 10	8 22	1 8	22 45	0 30	20 31	0 37	22 24	0 53	15 7	16 44	6 3	6 16	4 20	1 52	3 56
M 8	21 12	9 39	0n41	13 2	1 25	13 2	4 42	19 42	1 10	8 18	1 8	22 46	0 30	20 32	0 37	22 24	0 53	15 7	16 45	6 3	6 14	4 16	1 51	3 56
T 9	21 1	14 54	1 43	12 35	1 37	12 56	4 55	19 33	1 10	8 14	1 8	22 46	0 30	20 32	0 37	22 24	0 53	15 8	16 45	6 3	6 13	4 13	1 51	3 56
W10	20 50	19 40	2 42	12 10	1 50	12 51	5 9	19 23	1 10	8 9	1 8	22 46	0 30	20 33	0 37	22 24	0 53	15 8	16 45	6 3	6 12	4 9	1 51	3 56
T 11	20 39	23 43	3 34	11 45	2 3	12 46	5 22	19 13	1 10	8 5	1 8	22 47	0 29	20 33	0 37	22 24	0 53	15 8	16 46	6 1	6 11	4 6	1 51	3 56
F 12	20 28	26 41	4 17	11 22	2 16	12 41	5 34	19 2	1 10	8 1	1 8	22 47	0 29	20 34	0 37	22 24	0 53	15 9	16 46	5 59	6 9	4 3	1 50	3 57
S 13	20 16	28 14	4 47	11 0	2 29	12 38	5 47	18 52	1 10	7 57	1 8	22 47	0 29	20 34	0 37	22 24	0 53	15 9	16 46	5 56	6 8	3 59	1 50	3 57
S 14	20 3	28 4	5 1	10 39	2 42	12 35	5 59	18 42	1 10	7 52	1 8	22 48	0 29	20 35	0 37	22 24	0 53	15 10	16 47	5 52	6 7	3 56	1 49	3 57
M15	19 51	26 5	4 57	10 20	2 54	12 33	6 10	18 31	1 10	7 48	1 7	22 48	0 29	20 35	0 37	22 23	0 53	15 10	16 47	5 47	6 6	3 52	1 49	3 57
T 16	19 38	22 20	4 34	10 3	3 7	12 31	6 21	18 20	1 10	7 44	1 7	22 48	0 29	20 36	0 37	22 23	0 53	15 11	16 47	5 43	6 5	3 49	1 49	3 57
W17	19 25	17 9	3 53	9 47	3 19	12 30	6 31	18 10	1 10	7 39	1 7	22 49	0 29	20 36	0 37	22 23	0 53	15 11	16 48	5 40	6 3	3 46	1 48	3 57
T 18	19 11	10 56	2 55	9 34	3 31	12 29	6 41	17 59	1 9	7 35	1 7	22 49	0 29	20 37	0 37	22 23	0 53	15 12	16 48	5 37	6 2	3 42	1 48	3 57
F 19	18 57	4 9	1 47	9 22	3 43	12 30	6 49	17 48	1 9	7 30	1 7	22 49	0 29	20 38	0 37	22 23	0 53	15 12	16 48	5 36	6 1	3 39	1 47	3 57
S 20	18 43	2s46	0 32	9 13	3 54	12 30	6 57	17 36	1 9	7 26	1 7	22 49	0 29	20 38	0 37	22 23	0 53	15 13	16 49	5 35	6 0	3 35	1 47	3 58
S 21	18 29	9 26	0s44	9 6	4 4	12 31	7 5	17 25	1 9	7 21	1 7	22 50	0 28	20 39	0 37	22 23	0 53	15 14	16 49	5 35	5 58	3 32	1 46	3 58
M22	18 14	15 31	1 56	9 2	4 14	12 33	7 11	17 14	1 9	7 17	1 7	22 50	0 28	20 39	0 37	22 23	0 53	15 14	16 49	5 36	5 57	3 29	1 45	3 58
T 23	17 59	20 43	3 0	9 0	4 23	12 35	7 17	17 2	1 9	7 12	1 7	22 50	0 28	20 40	0 37	22 23	0 53	15 15	16 50	5 35	5 56	3 25	1 45	3 58
W24	17 43	24 44	3 52	9 1	4 30	12 38	7 22	16 50	1 9	7 8	1 7	22 51	0 28	20 40	0 37	22 22	0 53	15 15	16 50	5 34	5 55	3 22	1 44	3 58
T 25	17 28	27 21	4 31	9 5	4 37	12 41	7 26	16 39	1 9	7 3	1 7	22 51	0 28	20 41	0 37	22 22	0 53	15 16	16 50	5 33	5 54	3 18	1 44	3 58
F 26	17 12	28 25	4 55	9 11	4 42	12 45	7 29	16 27	1 9	6 58	1 7	22 51	0 28	20 41	0 37	22 22	0 53	15 16	16 50	5 30	5 52	3 15	1 43	3 58
S 27	16 55	27 55	5 4	9 20	4 46	12 49	7 32	16 15	1 9	6 54	1 7	22 51	0 28	20 42	0 37	22 22	0 53	15 17	16 51	5 26	5 51	3 11	1 42	3 58
S 28	16 39	25 59	4 58	9 32	4 48	12 53	7 33	16 3	1 9	6 49	1 6	22 52	0 28	20 42	0 37	22 22	0 53	15 17	16 51	5 22	5 50	3 8	1 42	3 58
M29	16 22	22 49	4 37	9 47	4 48	12 57	7 34	15 51	1 9	6 44	1 6	22 52	0 28	20 43	0 37	22 22	0 53	15 18	16 51	5 18	5 49	3 5	1 41	3 58
T 30	16 5	18 41	4 4	10 3	4 46	13 2	7 34	15 38	1 9	6 40	1 6	22 52	0 27	20 43	0 37	22 22	0 53	15 18	16 52	5 14	5 47	3 1	1 40	3 58
W31	15n48	13s51	3s21	10n22	4s43	13n 7	7s34	15n26	1n 9	6n35	1n 6	22s53	0n27	20s44	0s37	22n22	0s53	15s19	16s52	5n11	5n46	2s58	1n39	3n59

Julian Day Number = 2297238.5, Delta T = 124.48 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'40, Lahiri = 17°57'40 Julian Calendar 1 July 1577 == Greg. Calendar 11 July 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

AUGUST 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 16 55	17♌54'47	14♓ 6	19°R 9	28°R 4	22♌12	16♍ 8	6°R35	0°R18	8♋13	0°R16	13°R 0	14♈33	26♓24	24°R58	T 1
F 2	21 20 51	18°52'28	25°56	18♌18	27♋46	22°50	16°20	6♎33	0♒16	8°15	0♈15	12♈56	14°30	26°31	24♓56	F 2
S 3	21 24 48	19°50'10	7♈43	17°28	27°30	23°28	16°32	6°30	0°14	8°17	0°14	12°D54	14°27	26°38	24°54	S 3
S 4	21 28 44	20°47'54	19°31	16°41	27°16	24° 6	16°44	6°27	0°11	8°18	0°14	12°54	14°23	26°44	24°52	S 4
M 5	21 32 41	21°45'40	1♉23	15°57	27° 5	24°44	16°56	6°25	0° 9	8°20	0°13	12°55	14°20	26°51	24°49	M 5
T 6	21 36 37	22°43'28	13°25	15°16	26°56	25°22	17° 9	6°23	0° 7	8°22	0°12	12°57	14°17	26°58	24°47	T 6
W 7	21 40 34	23°41'17	25°42	14°41	26°50	26° 1	17°21	6°20	0° 5	8°24	0°11	12°R57	14°14	27° 4	24°45	W 7
T 8	21 44 30	24°39'08	8♊19	14°12	26°46	26°39	17°33	6°18	0° 3	8°25	0°10	12°56	14°11	27°11	24°42	T 8
F 9	21 48 27	25°37'01	21°20	13°49	26°D45	27°17	17°46	6°16	0° 1	8°27	0° 9	12°53	14° 8	27°17	24°40	F 9
S 10	21 52 24	26°34'56	4♋49	13°34	26°46	27°55	17°58	6°14	29♑59	8°29	0° 8	12°48	14° 4	27°24	24°38	S 10
S 11	21 56 20	27°32'53	18°46	13°26	26°49	28°33	18°11	6°12	29°57	8°30	0° 7	12°42	14° 1	27°31	24°35	S 11
M12	22 0 17	28°30'51	3♌ 9	13°D26	26°54	29°12	18°23	6°10	29°55	8°32	0° 6	12°35	13°58	27°37	24°33	M12
T 13	22 4 13	29°28'51	17°55	13°34	27° 2	29°50	18°36	6° 8	29°53	8°33	0° 5	12°29	13°55	27°44	24°30	T 13
W14	22 8 10	0♍26'53	2♍55	13°50	27°11	0♍28	18°48	6° 7	29°51	8°35	0° 4	12°23	13°52	27°51	24°28	W14
T 15	22 12 6	1°24'56	18° 1	14°15	27°23	1° 6	19° 1	6° 5	29°49	8°36	0° 3	12°19	13°48	27°57	24°25	T 15
F 16	22 16 3	2°23'01	3♎ 3	14°47	27°37	1°44	19°14	6° 4	29°47	8°38	0° 2	12°17	13°45	28° 4	24°23	F 16
S 17	22 19 59	3°21'07	17°52	15°28	27°53	2°23	19°26	6° 2	29°45	8°39	0° 1	12°D17	13°42	28°11	24°20	S 17
S 18	22 23 56	4°19'15	2♏24	16°17	28°11	3° 1	19°39	6° 1	29°43	8°41	0° 0	12°18	13°39	28°17	24°18	S 18
M19	22 27 53	5°17'24	16°35	17°13	28°31	3°39	19°52	6° 0	29°41	8°42	29♓59	12°20	13°36	28°24	24°15	M19
T 20	22 31 49	6°15'35	0♐24	18°16	28°52	4°17	20° 5	5°59	29°40	8°44	29°58	12°R21	13°33	28°31	24°12	T 20
W21	22 35 46	7°13'47	13°51	19°26	29°15	4°56	20°17	5°58	29°38	8°45	29°57	12°21	13°29	28°37	24°10	W21
T 22	22 39 42	8°12'01	26°58	20°42	29°40	5°34	20°30	5°57	29°36	8°46	29°56	12°19	13°26	28°44	24° 7	T 22
F 23	22 43 39	9°10'16	9♑48	22° 4	0♌ 7	6°12	20°43	5°56	29°34	8°48	29°55	12°16	13°23	28°51	24° 4	F 23
S 24	22 47 35	10° 8'33	22°23	23°31	0°35	6°51	20°56	5°55	29°33	8°49	29°54	12°12	13°20	28°57	24° 2	S 24
S 25	22 51 32	11° 6'52	4♒45	25° 3	1° 5	7°29	21° 9	5°54	29°31	8°50	29°53	12° 7	13°17	29° 4	23°59	S 25
M26	22 55 28	12° 5'12	16°57	26°39	1°36	8° 7	21°22	5°54	29°30	8°51	29°51	12° 1	13°14	29°11	23°56	M26
T 27	22 59 25	13° 3'33	29° 0	28°18	2° 8	8°46	21°34	5°53	29°28	8°53	29°50	11°56	13°10	29°17	23°53	T 27
W28	23 3 22	14° 1'57	10♓56	0♍ 1	2°42	9°24	21°47	5°53	29°27	8°54	29°49	11°52	13° 7	29°24	23°51	W28
T 29	23 7 18	15° 0'22	22°47	1°46	3°18	10° 2	22° 0	5°53	29°25	8°55	29°48	11°49	13° 4	29°30	23°48	T 29
F 30	23 11 15	15°58'50	4♈35	3°33	3°54	10°41	22°13	5°52	29°24	8°56	29°47	11°48	13° 1	29°37	23°45	F 30
S 31	23 15 11	16♍57'19	16♈22	5♍22	4♌32	11♍19	22♍26	5°D52	29♑22	8♋57	29♓46	11°D48	12♈58	29♓44	23♓42	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	15n30	8s33	2s28	10n43	4s38	13n12	7s32	15n14	1n 8	6n30	1n 6	22s53	0n27	20s44	0s37	22n21	0s53	15s20	16s52	5n 9	5n45	2s54	1n39	3n59
F 2	15 12	3 0	1 30	11 5	4 31	13 18	7 31	15 1	1 8	6 25	1 6	22 53	0 27	20 45	0 37	22 21	0 53	15 20	16 52	5 7	5 44	2 51	1 38	3 59
S 3	14 54	2n39	0 28	11 29	4 22	13 23	7 28	14 48	1 8	6 21	1 6	22 53	0 27	20 45	0 37	22 21	0 53	15 21	16 53	5 7	5 42	2 48	1 37	3 59
S 4	14 36	8 12	0n36	11 53	4 11	13 28	7 25	14 35	1 8	6 16	1 6	22 54	0 27	20 46	0 37	22 21	0 53	15 21	16 53	5 7	5 41	2 44	1 36	3 59
M 5	14 17	13 31	1 38	12 18	3 59	13 34	7 22	14 23	1 8	6 11	1 6	22 54	0 27	20 46	0 37	22 21	0 53	15 22	16 53	5 7	5 40	2 41	1 35	3 59
T 6	13 58	18 24	2 37	12 43	3 45	13 40	7 17	14 10	1 8	6 6	1 6	22 54	0 27	20 46	0 37	22 21	0 53	15 22	16 53	5 7	5 39	2 37	1 35	3 59
W 7	13 39	22 38	3 30	13 7	3 30	13 45	7 13	13 57	1 8	6 1	1 6	22 54	0 26	20 47	0 37	22 21	0 53	15 23	16 54	5 8	5 37	2 34	1 34	3 59
T 8	13 20	25 56	4 15	13 31	3 14	13 51	7 8	13 43	1 8	5 56	1 6	22 54	0 26	20 47	0 37	22 21	0 53	15 24	16 54	5 7	5 36	2 30	1 33	3 59
F 9	13 1	28 0	4 48	13 54	2 57	13 56	7 3	13 30	1 8	5 51	1 6	22 55	0 26	20 48	0 37	22 20	0 53	15 24	16 54	5 6	5 35	2 27	1 32	3 59
S 10	12 41	28 30	5 6	14 15	2 39	14 2	6 57	13 17	1 8	5 47	1 6	22 55	0 26	20 48	0 37	22 20	0 53	15 25	16 54	5 4	5 34	2 24	1 31	3 59
S 11	12 21	27 15	5 7	14 35	2 21	14 7	6 51	13 4	1 7	5 42	1 6	22 55	0 26	20 49	0 37	22 20	0 53	15 25	16 54	5 2	5 33	2 20	1 30	3 59
M12	12 1	24 11	4 49	14 52	2 2	14 12	6 45	12 50	1 7	5 37	1 6	22 55	0 26	20 49	0 37	22 20	0 53	15 26	16 55	4 59	5 31	2 17	1 29	3 59
T 13	11 41	19 30	4 12	15 8	1 44	14 17	6 38	12 36	1 7	5 32	1 6	22 56	0 26	20 49	0 37	22 20	0 53	15 26	16 55	4 57	5 30	2 13	1 28	3 59
W14	11 20	13 31	3 17	15 21	1 26	14 22	6 32	12 23	1 7	5 27	1 6	22 56	0 26	20 50	0 37	22 20	0 53	15 27	16 55	4 54	5 29	2 10	1 27	3 59
T 15	11 0	6 43	2 8	15 31	1 8	14 27	6 25	12 9	1 7	5 22	1 6	22 56	0 26	20 50	0 37	22 20	0 53	15 28	16 55	4 53	5 28	2 6	1 26	3 59
F 16	10 39	0s27	0 50	15 38	0 50	14 31	6 17	11 55	1 7	5 17	1 6	22 56	0 25	20 51	0 37	22 20	0 53	15 28	16 55	4 52	5 26	2 3	1 25	3 59
S 17	10 18	7 30	0s30	15 42	0 33	14 35	6 10	11 41	1 7	5 12	1 6	22 56	0 25	20 51	0 37	22 20	0 53	15 29	16 56	4 52	5 25	2 0	1 24	3 59
S 18	9 57	14 1	1 47	15 43	0 17	14 39	6 3	11 27	1 7	5 7	1 6	22 56	0 25	20 51	0 37	22 19	0 53	15 29	16 56	4 52	5 24	1 56	1 23	3 59
M19	9 36	19 39	2 56	15 41	0 2	14 43	5 55	11 13	1 6	5 2	1 6	22 57	0 25	20 52	0 37	22 19	0 53	15 30	16 56	4 53	5 23	1 53	1 22	3 59
T 20	9 14	24 4	3 53	15 36	0n13	14 46	5 47	10 59	1 6	4 57	1 6	22 57	0 25	20 52	0 37	22 19	0 53	15 30	16 56	4 53	5 21	1 49	1 21	3 59
W21	8 53	27 4	4 35	15 27	0 26	14 49	5 40	10 45	1 6	4 52	1 6	22 57	0 25	20 53	0 37	22 19	0 53	15 31	16 56	4 53	5 20	1 46	1 20	3 59
T 22	8 31	28 29	5 1	15 15	0 39	14 52	5 32	10 31	1 6	4 47	1 6	22 57	0 25	20 53	0 37	22 19	0 53	15 32	16 56	4 53	5 19	1 42	1 19	3 59
F 23	8 9	28 19	5 12	14 59	0 51	14 54	5 24	10 17	1 6	4 41	1 6	22 57	0 25	20 53	0 37	22 19	0 53	15 32	16 57	4 52	5 18	1 39	1 18	3 59
S 24	7 47	26 41	5 7	14 41	1 1	14 56	5 16	10 2	1 6	4 36	1 6	22 57	0 24	20 54	0 37	22 19	0 53	15 33	16 57	4 50	5 16	1 36	1 17	3 59
S 25	7 25	23 47	4 48	14 19	1 11	14 58	5 8	9 48	1 6	4 31	1 6	22 58	0 24	20 54	0 37	22 19	0 53	15 33	16 57	4 48	5 15	1 32	1 16	3 59
M26	7 3	19 52	4 16	13 54	1 19	14 59	4 59	9 33	1 5	4 26	1 6	22 58	0 24	20 54	0 37	22 19	0 53	15 34	16 57	4 46	5 14	1 29	1 15	3 59
T 27	6 40	15 11	3 34	13 26	1 26	15 0	4 51	9 19	1 5	4 21	1 6	22 58	0 24	20 54	0 37	22 19	0 54	15 34	16 57	4 44	5 13	1 25	1 14	3 59
W28	6 18	9 58	2 41	12 56	1 33	15 0	4 43	9 4	1 5	4 16	1 6	22 58	0 24	20 55	0 37	22 18	0 54	15 35	16 57	4 42	5 12	1 22	1 13	3 59
T 29	5 55	4 27	1 43	12 24	1 38	15 0	4 35	8 49	1 5	4 11	1 6	22 58	0 24	20 55	0 37	22 18	0 54	15 35	16 57	4 41	5 10	1 18	1 11	3 59
F 30	5 33	1n13	0 40	11 49	1 42	15 0	4 27	8 35	1 5	4 6	1 6	22 58	0 24	20 55	0 37	22 18	0 54	15 36	16 57	4 41	5 9	1 15	1 10	3 59
S 31	5n10	6n50	0n25	11n12	1n45	14n59	4s19	8n20	1n 5	4n 1	1n 6	22s58	0n24	20s56	0s37	22n18	0s54	15s37	16s58	4n41	5n 8	1s11	1n 9	3n59

Julian Day Number = 2297269.5, Delta T = 124.33 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'44, Lahiri = 17°57'44 Julian Calendar 1 Aug. 1577 == Greg. Calendar 11 Aug. 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

SEPTEMBER 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 19 8	17♍55'50	28♈11	7♍12	5♌11	11♍57	22♍39	5♉52	29°R21	8♋58	29°R45	11♈49	12♈54	29♓50	23°R39	S 1
M 2	23 23 4	18°54'24	10♉ 6	9° 3	5°51	12°36	22°52	5°53	29♉20	8°59	29♓43	11°50	12°51	29°57	23♓37	M 2
T 3	23 27 1	19°52'59	22°10	10°54	6°33	13°14	23° 5	5°53	29°18	9° 0	29°42	11°52	12°48	0♈ 4	23°34	T 3
W 4	23 30 57	20°51'37	4♊27	12°46	7°15	13°53	23°18	5°53	29°17	9° 1	29°41	11°53	12°45	0°10	23°31	W 4
T 5	23 34 54	21°50'18	17° 2	14°38	7°58	14°31	23°31	5°54	29°16	9° 2	29°40	11°R54	12°42	0°17	23°28	T 5
F 6	23 38 51	22°49'00	29°59	16°30	8°43	15°10	23°44	5°54	29°15	9° 3	29°39	11°54	12°39	0°24	23°25	F 6
S 7	23 42 47	23°47'45	13♋21	18°21	9°28	15°48	23°57	5°55	29°14	9° 4	29°38	11°53	12°35	0°30	23°22	S 7
S 8	23 46 44	24°46'32	27°10	20°12	10°14	16°27	24°10	5°55	29°13	9° 5	29°36	11°51	12°32	0°37	23°20	S 8
M 9	23 50 40	25°45'21	11♌27	22° 3	11° 2	17° 5	24°23	5°56	29°12	9° 5	29°35	11°49	12°29	0°44	23°17	M 9
T 10	23 54 37	26°44'13	26° 8	23°52	11°50	17°44	24°36	5°57	29°11	9° 6	29°34	11°47	12°26	0°50	23°14	T 10
W11	23 58 33	27°43'06	11♍ 8	25°42	12°38	18°22	24°49	5°58	29°10	9° 7	29°33	11°46	12°23	0°57	23°11	W11
T 12	0 2 30	28°42'02	26°19	27°30	13°28	19° 1	25° 2	5°59	29° 9	9° 8	29°32	11°45	12°19	1° 4	23° 8	T 12
F 13	0 6 26	29°41'00	11♎31	29°18	14°18	19°39	25°15	6° 0	29° 8	9° 8	29°30	11°D44	12°16	1°10	23° 6	F 13
S 14	0 10 23	0♎40'00	26°35	1♎ 4	15° 9	20°18	25°28	6° 2	29° 7	9° 9	29°29	11°45	12°13	1°17	23° 3	S 14
S 15	0 14 20	1°39'01	11♏23	2°51	16° 1	20°56	25°41	6° 3	29° 7	9° 9	29°28	11°45	12°10	1°23	23° 0	S 15
M16	0 18 16	2°38'05	25°48	4°36	16°54	21°35	25°54	6° 5	29° 6	9°10	29°27	11°46	12° 7	1°30	22°57	M16
T 17	0 22 13	3°37'10	9♐48	6°20	17°47	22°14	26° 7	6° 6	29° 5	9°11	29°26	11°47	12° 4	1°37	22°54	T 17
W18	0 26 9	4°36'18	23°22	8° 3	18°41	22°52	26°19	6° 8	29° 5	9°11	29°25	11°47	12° 0	1°43	22°52	W18
T 19	0 30 6	5°35'27	6♑31	9°46	19°35	23°31	26°32	6°10	29° 4	9°12	29°23	11°R48	11°57	1°50	22°49	T 19
F 20	0 34 2	6°34'38	19°18	11°28	20°30	24°10	26°45	6°12	29° 4	9°12	29°22	11°47	11°54	1°57	22°46	F 20
S 21	0 37 59	7°33'50	1♒46	13° 9	21°26	24°48	26°58	6°14	29° 4	9°12	29°21	11°47	11°51	2° 3	22°43	S 21
S 22	0 41 55	8°33'04	13°59	14°49	22°22	25°27	27°11	6°16	29° 3	9°13	29°20	11°47	11°48	2°10	22°41	S 22
M23	0 45 52	9°32'21	26° 2	16°29	23°18	26° 6	27°24	6°18	29° 3	9°13	29°19	11°46	11°45	2°17	22°38	M23
T 24	0 49 49	10°31'39	7♓56	18° 7	24°16	26°44	27°37	6°20	29° 3	9°13	29°17	11°46	11°41	2°23	22°35	T 24
W25	0 53 45	11°30'58	19°46	19°45	25°13	27°23	27°49	6°22	29° 2	9°14	29°16	11°D46	11°38	2°30	22°33	W25
T 26	0 57 42	12°30'20	1♈34	21°22	26°12	28° 2	28° 2	6°25	29° 2	9°14	29°15	11°46	11°35	2°37	22°30	T 26
F 27	1 1 38	13°29'44	13°22	22°59	27°10	28°41	28°15	6°27	29° 2	9°14	29°14	11°R46	11°32	2°43	22°28	F 27
S 28	1 5 35	14°29'10	25°13	24°34	28°10	29°19	28°28	6°30	29° 2	9°14	29°13	11°46	11°29	2°50	22°25	S 28
S 29	1 9 31	15°28'38	7♉ 9	26°10	29° 9	29°58	28°40	6°33	29°D 2	9°14	29°12	11°46	11°25	2°57	22°22	S 29
M30	1 13 28	16♎28'08	19♉12	27♎44	0♍ 9	0♎37	28♍53	6♉35	29♉ 2	9♋15	29♓11	11♈45	11♈22	3♈ 3	22♓20	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	4n47	12n14	1n29	10n33	1n48	14n58	4s10	8n 5	1n 4	3n56	1n 6	22s59	0n23	20s56	0s37	22n18	0s54	15s37	16s58	4n41	5n 7	1s 8	1n 8	3n59
M 2	4 24	17 15	2 30	9 53	1 49	14 56	4 2	7 50	1 4	3 50	1 6	22 59	0 23	20 56	0 36	22 18	0 54	15 38	16 58	4 42	5 5	1 5	1 7	3 59
T 3	4 1	21 39	3 25	9 11	1 50	14 54	3 54	7 35	1 4	3 45	1 6	22 59	0 23	20 56	0 36	22 18	0 54	15 38	16 58	4 42	5 4	1 1	1 6	3 59
W 4	3 38	25 12	4 11	8 28	1 50	14 51	3 46	7 20	1 4	3 40	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 39	16 58	4 43	5 3	0 58	1 5	3 59
T 5	3 15	27 37	4 47	7 45	1 49	14 48	3 38	7 5	1 4	3 35	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 39	16 58	4 43	5 2	0 54	1 3	3 59
F 6	2 51	28 39	5 9	7 0	1 48	14 45	3 30	6 50	1 4	3 30	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 40	16 58	4 43	5 0	0 51	1 2	3 59
S 7	2 28	28 4	5 16	6 14	1 46	14 41	3 22	6 35	1 3	3 25	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 40	16 58	4 43	4 59	0 47	1 1	3 59
S 8	2 5	25 46	5 5	5 28	1 43	14 36	3 14	6 20	1 3	3 20	1 6	22 59	0 23	20 57	0 36	22 18	0 54	15 41	16 58	4 42	4 58	0 44	1 0	3 59
M 9	1 41	21 48	4 35	4 42	1 40	14 31	3 6	6 5	1 3	3 15	1 6	22 59	0 23	20 58	0 36	22 17	0 54	15 41	16 58	4 41	4 57	0 40	0 59	3 59
T 10	1 18	16 23	3 47	3 55	1 37	14 25	2 59	5 49	1 3	3 9	1 6	22 59	0 22	20 58	0 36	22 17	0 54	15 42	16 58	4 40	4 55	0 37	0 57	3 58
W11	0 55	9 54	2 42	3 8	1 33	14 19	2 51	5 34	1 3	3 4	1 6	22 59	0 22	20 58	0 36	22 17	0 54	15 42	16 58	4 40	4 54	0 34	0 56	3 58
T 12	0 31	2 46	1 25	2 21	1 29	14 13	2 43	5 19	1 2	2 59	1 6	23 0	0 22	20 58	0 36	22 17	0 54	15 43	16 58	4 39	4 53	0 30	0 55	3 58
F 13	0 8	4s33	0 1	1 34	1 24	14 6	2 36	5 3	1 2	2 54	1 6	23 0	0 22	20 58	0 36	22 17	0 54	15 43	16 58	4 39	4 52	0 27	0 54	3 58
S 14	0s16	11 33	1s21	0 47	1 19	13 58	2 28	4 48	1 2	2 49	1 6	23 0	0 22	20 58	0 36	22 17	0 54	15 44	16 58	4 39	4 50	0 23	0 53	3 58
S 15	0 39	17 46	2 37	0s 0	1 14	13 50	2 21	4 33	1 2	2 44	1 6	23 0	0 22	20 59	0 36	22 17	0 54	15 44	16 58	4 40	4 49	0 20	0 51	3 58
M16	1 3	22 50	3 41	0 47	1 9	13 41	2 13	4 17	1 2	2 39	1 6	23 0	0 22	20 59	0 36	22 17	0 54	15 45	16 58	4 40	4 48	0 16	0 50	3 58
T 17	1 27	26 25	4 30	1 34	1 3	13 32	2 6	4 2	1 1	2 34	1 6	23 0	0 22	20 59	0 36	22 17	0 54	15 45	16 58	4 40	4 47	0 13	0 49	3 58
W18	1 50	28 21	5 1	2 20	0 57	13 23	1 59	3 46	1 1	2 28	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 46	16 58	4 40	4 45	0 9	0 48	3 58
T 19	2 14	28 36	5 16	3 6	0 51	13 13	1 52	3 31	1 1	2 23	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 46	16 58	4 40	4 44	0 6	0 47	3 58
F 20	2 37	27 18	5 15	3 52	0 45	13 2	1 45	3 15	1 1	2 18	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 46	16 58	4 40	4 43	0 3	0 45	3 57
S 21	3 1	24 40	4 59	4 37	0 38	12 51	1 38	3 0	1 0	2 13	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 47	16 58	4 40	4 42	0n 1	0 44	3 57
S 22	3 24	20 57	4 29	5 22	0 32	12 40	1 31	2 44	1 0	2 8	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 47	16 58	4 40	4 40	0 4	0 43	3 57
M23	3 47	16 26	3 48	6 6	0 25	12 28	1 24	2 28	1 0	2 3	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 48	16 58	4 40	4 39	0 8	0 42	3 57
T 24	4 11	11 21	2 57	6 50	0 18	12 15	1 17	2 13	1 0	1 58	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 48	16 58	4 40	4 38	0 11	0 41	3 57
W25	4 34	5 53	1 59	7 34	0 12	12 2	1 11	1 57	0 59	1 53	1 6	23 0	0 21	20 59	0 36	22 17	0 54	15 48	16 58	4 40	4 37	0 15	0 40	3 57
T 26	4 57	0 14	0 56	8 17	0 5	11 49	1 4	1 41	0 59	1 48	1 6	23 0	0 21	20 59	0 36	22 16	0 54	15 49	16 58	4 40	4 36	0 18	0 38	3 57
F 27	5 20	5n26	0n 9	8 59	0s 2	11 35	0 58	1 26	0 59	1 43	1 6	23 0	0 20	20 59	0 36	22 16	0 54	15 49	16 58	4 40	4 34	0 22	0 37	3 56
S 28	5 43	10 56	1 14	9 41	0 9	11 20	0 51	1 10	0 59	1 38	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 50	16 58	4 40	4 33	0 25	0 36	3 56
S 29	6 6	16 5	2 16	10 22	0 16	11 6	0 45	0 54	0 58	1 33	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 50	16 57	4 40	4 32	0 28	0 35	3 56
M30	6s29	20n40	3n13	11s 3	0s23	10n50	0s39	0n39	0n58	1n28	1n 7	23s 0	0n20	20s59	0s36	22n16	0s54	15s50	16s57	4n39	4n31	0n32	0n34	3n56

Julian Day Number = 2297300.5, Delta T = 124.17 sec
Ecliptic obliquity = 23°29'49, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'48, Lahiri = 17°57'49 Julian Calendar 1 Sept. 1577 == Greg. Calendar 11 Sept. 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

OCTOBER 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 17 24	17♎27'41	1♊24	29♎18	1♍10	1♎16	29♍ 6	6♑38	29♑ 2	9♋15	29°R 9	11°R44	11♈19	3♈10	22°R17	T 1
W 2	1 21 21	18°27'16	13°48	0♏51	2°11	1°55	29°18	6°41	29° 2	9°15	29♓ 8	11♈44	11°16	3°16	22♓15	W 2
T 3	1 25 17	19°26'53	26°27	2°23	3°12	2°34	29°31	6°44	29° 2	9°R15	29° 7	11°43	11°13	3°23	22°13	T 3
F 4	1 29 14	20°26'32	9♋23	3°55	4°14	3°12	29°44	6°48	29° 3	9°15	29° 6	11°42	11°10	3°30	22°10	F 4
S 5	1 33 11	21°26'14	22°40	5°26	5°16	3°51	29°56	6°51	29° 3	9°15	29° 5	11°D42	11° 6	3°36	22° 8	S 5
S 6	1 37 7	22°25'58	6♌19	6°57	6°18	4°30	0♎ 9	6°54	29° 3	9°15	29° 4	11°42	11° 3	3°43	22° 5	S 6
M 7	1 41 4	23°25'44	20°21	8°27	7°21	5° 9	0°21	6°58	29° 4	9°14	29° 3	11°43	11° 0	3°50	22° 3	M 7
T 8	1 45 0	24°25'32	4♍45	9°57	8°25	5°48	0°34	7° 1	29° 4	9°14	29° 2	11°44	10°57	3°56	22° 1	T 8
W 9	1 48 57	25°25'23	19°30	11°25	9°28	6°27	0°46	7° 5	29° 4	9°14	29° 1	11°45	10°54	4° 3	21°59	W 9
T 10	1 52 53	26°25'16	4♎29	12°54	10°32	7° 6	0°58	7° 8	29° 5	9°14	29° 0	11°R46	10°51	4°10	21°56	T 10
F 11	1 56 50	27°25'10	19°35	14°21	11°36	7°45	1°11	7°12	29° 6	9°14	28°59	11°46	10°47	4°16	21°54	F 11
S 12	2 0 46	28°25'07	4♏39	15°48	12°41	8°24	1°23	7°16	29° 6	9°13	28°58	11°45	10°44	4°23	21°52	S 12
S 13	2 4 43	29°25'06	19°33	17°15	13°45	9° 3	1°35	7°20	29° 7	9°13	28°57	11°43	10°41	4°30	21°50	S 13
M14	2 8 40	0♏25'07	4♐ 7	18°40	14°50	9°42	1°47	7°24	29° 8	9°13	28°56	11°41	10°38	4°36	21°48	M14
T 15	2 12 36	1°25'10	18°18	20° 5	15°56	10°21	1°59	7°28	29° 8	9°12	28°55	11°38	10°35	4°43	21°46	T 15
W16	2 16 33	2°25'14	2♑ 1	21°29	17° 1	11° 1	2°11	7°32	29° 9	9°12	28°54	11°35	10°31	4°50	21°44	W16
T 17	2 20 29	3°25'20	15°17	22°53	18° 7	11°40	2°23	7°36	29°10	9°11	28°53	11°33	10°28	4°56	21°42	T 17
F 18	2 24 26	4°25'27	28° 7	24°15	19°13	12°19	2°35	7°41	29°11	9°11	28°52	11°32	10°25	5° 3	21°40	F 18
S 19	2 28 22	5°25'36	10♒36	25°37	20°20	12°58	2°47	7°45	29°12	9°10	28°51	11°D32	10°22	5° 9	21°38	S 19
S 20	2 32 19	6°25'46	22°47	26°57	21°26	13°37	2°59	7°50	29°13	9°10	28°50	11°33	10°19	5°16	21°36	S 20
M21	2 36 16	7°25'58	4♓45	28°17	22°33	14°16	3°11	7°54	29°14	9° 9	28°49	11°35	10°16	5°23	21°35	M21
T 22	2 40 12	8°26'12	16°36	29°35	23°40	14°56	3°23	7°59	29°15	9° 8	28°48	11°37	10°12	5°29	21°33	T 22
W23	2 44 9	9°26'27	28°23	0♐52	24°47	15°35	3°34	8° 3	29°17	9° 8	28°47	11°38	10° 9	5°36	21°31	W23
T 24	2 48 5	10°26'43	10♈11	2° 8	25°55	16°14	3°46	8° 8	29°18	9° 7	28°47	11°R39	10° 6	5°43	21°30	T 24
F 25	2 52 2	11°27'02	22° 3	3°21	27° 3	16°53	3°58	8°13	29°19	9° 6	28°46	11°38	10° 3	5°49	21°28	F 25
S 26	2 55 58	12°27'22	4♉ 1	4°33	28°11	17°33	4° 9	8°18	29°21	9° 6	28°45	11°36	10° 0	5°56	21°27	S 26
S 27	2 59 55	13°27'43	16° 7	5°43	29°19	18°12	4°20	8°23	29°22	9° 5	28°44	11°33	9°57	6° 3	21°25	S 27
M28	3 3 51	14°28'07	28°23	6°51	0♎27	18°51	4°32	8°28	29°23	9° 4	28°43	11°28	9°53	6° 9	21°24	M28
T 29	3 7 48	15°28'32	10♊51	7°56	1°36	19°31	4°43	8°33	29°25	9° 3	28°43	11°22	9°50	6°16	21°22	T 29
W30	3 11 44	16°28'59	23°30	8°58	2°44	20°10	4°54	8°38	29°26	9° 2	28°42	11°15	9°47	6°23	21°21	W30
T 31	3 15 41	17♏29'27	6♋22	9♐57	3♎53	20♎49	5♎ 5	8♑43	29♑28	9♋ 1	28♓41	11♈ 9	9♈44	6♈29	21♓20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s52	24n26	4n 2	11s43	0s30	10n35	0s33	0n23	0n58	1n23	1n 7	23s 0	0n20	20s59	0s36	22n16	0s54	15s51	16s57	4n39	4n29	0n35	0n33	3n56
W 2	7 15	27 9	4 41	12 22	0 37	10 18	0 27	0 7	0 58	1 18	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 51	16 57	4 39	4 28	0 39	0 31	3 56
T 3	7 38	28 33	5 6	13 1	0 43	10 2	0 21	0s 9	0 57	1 13	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 51	16 57	4 39	4 27	0 42	0 30	3 55
F 4	8 0	28 26	5 17	13 38	0 50	9 45	0 15	0 24	0 57	1 8	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 52	16 57	4 38	4 26	0 46	0 29	3 55
S 5	8 23	26 42	5 12	14 16	0 57	9 27	0 10	0 40	0 57	1 3	1 7	23 0	0 20	20 59	0 36	22 16	0 54	15 52	16 57	4 38	4 24	0 49	0 28	3 55
S 6	8 45	23 24	4 49	14 52	1 3	9 9	0 4	0 56	0 57	0 58	1 7	23 0	0 19	20 59	0 36	22 16	0 54	15 52	16 57	4 38	4 23	0 53	0 27	3 55
M 7	9 7	18 39	4 8	15 28	1 10	8 51	0n 1	1 11	0 56	0 53	1 7	22 59	0 19	20 59	0 36	22 16	0 54	15 53	16 56	4 39	4 22	0 56	0 26	3 55
T 8	9 29	12 45	3 11	16 2	1 17	8 32	0 7	1 27	0 56	0 48	1 7	22 59	0 19	20 59	0 36	22 16	0 54	15 53	16 56	4 39	4 21	1 0	0 25	3 54
W 9	9 51	6 1	2 0	16 36	1 23	8 13	0 12	1 43	0 56	0 44	1 7	22 59	0 19	20 58	0 36	22 16	0 54	15 53	16 56	4 39	4 19	1 3	0 24	3 54
T 10	10 13	1s10	0 40	17 10	1 29	7 54	0 17	1 59	0 56	0 39	1 7	22 59	0 19	20 58	0 36	22 16	0 54	15 53	16 56	4 40	4 18	1 6	0 23	3 54
F 11	10 35	8 21	0s43	17 42	1 35	7 34	0 22	2 14	0 55	0 34	1 8	22 59	0 19	20 58	0 36	22 16	0 54	15 54	16 56	4 40	4 17	1 10	0 22	3 54
S 12	10 56	15 2	2 3	18 13	1 41	7 14	0 27	2 30	0 55	0 29	1 8	22 59	0 19	20 58	0 36	22 16	0 54	15 54	16 56	4 39	4 16	1 13	0 21	3 54
S 13	11 18	20 46	3 14	18 44	1 47	6 54	0 32	2 46	0 55	0 24	1 8	22 59	0 19	20 58	0 36	22 16	0 54	15 54	16 55	4 39	4 14	1 17	0 20	3 53
M14	11 39	25 7	4 11	19 13	1 53	6 33	0 36	3 1	0 54	0 20	1 8	22 59	0 19	20 58	0 36	22 16	0 54	15 54	16 55	4 38	4 13	1 20	0 19	3 53
T 15	12 0	27 48	4 50	19 42	1 58	6 12	0 41	3 17	0 54	0 15	1 8	22 59	0 19	20 57	0 35	22 16	0 54	15 55	16 55	4 37	4 12	1 24	0 18	3 53
W16	12 21	28 40	5 11	20 10	2 3	5 50	0 45	3 33	0 54	0 10	1 8	22 58	0 18	20 57	0 35	22 16	0 55	15 55	16 55	4 36	4 11	1 27	0 17	3 53
T 17	12 41	27 50	5 15	20 36	2 8	5 28	0 50	3 48	0 53	0 5	1 8	22 58	0 18	20 57	0 35	22 16	0 55	15 55	16 55	4 35	4 9	1 31	0 16	3 53
F 18	13 2	25 31	5 2	21 1	2 13	5 6	0 54	4 4	0 53	0 1	1 8	22 58	0 18	20 57	0 35	22 16	0 55	15 55	16 54	4 34	4 8	1 34	0 15	3 52
S 19	13 22	22 3	4 36	21 26	2 17	4 44	0 58	4 19	0 53	0s 4	1 8	22 58	0 18	20 57	0 35	22 16	0 55	15 55	16 54	4 34	4 7	1 37	0 14	3 52
S 20	13 42	17 41	3 58	21 49	2 21	4 21	1 2	4 35	0 52	0 9	1 9	22 58	0 18	20 56	0 35	22 16	0 55	15 55	16 54	4 35	4 6	1 41	0 13	3 52
M21	14 1	12 43	3 9	22 11	2 25	3 58	1 6	4 50	0 52	0 13	1 9	22 58	0 18	20 56	0 35	22 16	0 55	15 56	16 54	4 35	4 4	1 44	0 12	3 52
T 22	14 21	7 21	2 13	22 32	2 29	3 35	1 10	5 6	0 52	0 18	1 9	22 58	0 18	20 56	0 35	22 16	0 55	15 56	16 54	4 36	4 3	1 48	0 11	3 51
W23	14 40	1 45	1 12	22 51	2 32	3 12	1 13	5 21	0 52	0 22	1 9	22 57	0 18	20 56	0 35	22 16	0 55	15 56	16 53	4 37	4 2	1 51	0 10	3 51
T 24	14 59	3n55	0 8	23 9	2 34	2 48	1 17	5 37	0 51	0 27	1 9	22 57	0 18	20 55	0 35	22 16	0 55	15 56	16 53	4 37	4 1	1 55	0 9	3 51
F 25	15 18	9 29	0n57	23 26	2 37	2 24	1 20	5 52	0 51	0 31	1 9	22 57	0 18	20 55	0 35	22 16	0 55	15 56	16 53	4 37	3 59	1 58	0 9	3 51
S 26	15 37	14 45	2 0	23 42	2 38	2 0	1 24	6 7	0 51	0 36	1 9	22 57	0 17	20 55	0 35	22 16	0 55	15 56	16 53	4 36	3 58	2 2	0 8	3 50
S 27	15 55	19 32	2 57	23 56	2 40	1 36	1 27	6 23	0 50	0 40	1 9	22 57	0 17	20 54	0 35	22 17	0 55	15 56	16 52	4 35	3 57	2 5	0 7	3 50
M28	16 13	23 33	3 48	24 8	2 40	1 12	1 30	6 38	0 50	0 45	1 10	22 56	0 17	20 54	0 35	22 17	0 55	15 56	16 52	4 33	3 56	2 8	0 6	3 50
T 29	16 31	26 33	4 28	24 19	2 40	0 47	1 33	6 53	0 49	0 49	1 10	22 56	0 17	20 54	0 35	22 17	0 55	15 56	16 52	4 30	3 54	2 12	0 5	3 50
W30	16 48	28 16	4 56	24 29	2 40	0 22	1 36	7 9	0 49	0 53	1 10	22 56	0 17	20 53	0 35	22 17	0 55	15 56	16 52	4 28	3 53	2 15	0 5	3 49
T 31	17s 6	28n30	5n10	24s36	2s39	0s 3	1n38	7s24	0n49	0s58	1n10	22s56	0n17	20s53	0s35	22n17	0s55	15s56	16s51	4n25	3n52	2n19	0n 4	3n49

Julian Day Number = 2297330.5, Delta T = 124.02 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'52, Lahiri = 17°57'53 Julian Calendar 1 Oct. 1577 == Greg. Calendar 11 Oct. 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

NOVEMBER 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 19 38	18♏29'58	19♋27	10♐52	5♎ 2	21♎29	5♎17	8♑49	29♑30	9°R 0	28°R40	11°R 5	9♈41	6♈36	21°R19	F 1
S 2	3 23 34	19°30'30	2♌47	11°43	6°12	22° 8	5°28	8°54	29°31	9♋ 0	28♓40	11♈ 2	9°37	6°42	21♓17	S 2
S 3	3 27 31	20°31'04	16°22	12°29	7°21	22°48	5°38	8°59	29°33	8°59	28°39	11°D 0	9°34	6°49	21°16	S 3
M 4	3 31 27	21°31'40	0♍13	13° 9	8°31	23°27	5°49	9° 5	29°35	8°58	28°38	11° 0	9°31	6°56	21°15	M 4
T 5	3 35 24	22°32'18	14°21	13°44	9°41	24° 7	6° 0	9°10	29°37	8°56	28°38	11° 2	9°28	7° 2	21°14	T 5
W 6	3 39 20	23°32'57	28°43	14°12	10°51	24°46	6°11	9°16	29°38	8°55	28°37	11° 3	9°25	7° 9	21°13	W 6
T 7	3 43 17	24°33'38	13♎19	14°32	12° 1	25°26	6°21	9°22	29°40	8°54	28°37	11°R 3	9°22	7°16	21°12	T 7
F 8	3 47 13	25°34'21	28° 4	14°44	13°11	26° 5	6°32	9°27	29°42	8°53	28°36	11° 2	9°18	7°22	21°11	F 8
S 9	3 51 10	26°35'05	12♏51	14°R47	14°21	26°45	6°42	9°33	29°44	8°52	28°35	10°59	9°15	7°29	21°11	S 9
S 10	3 55 7	27°35'51	27°33	14°41	15°32	27°24	6°53	9°39	29°46	8°51	28°35	10°53	9°12	7°36	21°10	S 10
M11	3 59 3	28°36'38	12♐ 3	14°23	16°43	28° 4	7° 3	9°45	29°48	8°50	28°34	10°46	9° 9	7°42	21° 9	M11
T 12	4 3 0	29°37'27	26°13	13°55	17°53	28°44	7°13	9°51	29°50	8°48	28°34	10°37	9° 6	7°49	21° 9	T 12
W13	4 6 56	0♐38'16	10♑ 0	13°17	19° 4	29°23	7°23	9°57	29°53	8°47	28°34	10°29	9° 3	7°56	21° 8	W13
T 14	4 10 53	1°39'07	23°20	12°27	20°15	0♏ 3	7°33	10° 3	29°55	8°46	28°33	10°22	8°59	8° 2	21° 8	T 14
F 15	4 14 49	2°39'58	6♒15	11°27	21°26	0°43	7°43	10° 9	29°57	8°45	28°33	10°16	8°56	8° 9	21° 7	F 15
S 16	4 18 46	3°40'51	18°47	10°18	22°38	1°22	7°53	10°15	29°59	8°43	28°32	10°13	8°53	8°16	21° 7	S 16
S 17	4 22 43	4°41'44	1♓ 0	9° 3	23°49	2° 2	8° 2	10°21	0♒ 2	8°42	28°32	10°D11	8°50	8°22	21° 6	S 17
M18	4 26 39	5°42'38	12°59	7°42	25° 0	2°42	8°12	10°27	0° 4	8°41	28°32	10°11	8°47	8°29	21° 6	M18
T 19	4 30 36	6°43'33	24°49	6°19	26°12	3°22	8°21	10°33	0° 6	8°39	28°31	10°12	8°43	8°35	21° 6	T 19
W20	4 34 32	7°44'28	6♈36	4°57	27°24	4° 1	8°31	10°40	0° 9	8°38	28°31	10°R13	8°40	8°42	21° 6	W20
T 21	4 38 29	8°45'24	18°25	3°38	28°35	4°41	8°40	10°46	0°11	8°37	28°31	10°13	8°37	8°49	21° 6	T 21
F 22	4 42 25	9°46'21	0♉20	2°25	29°47	5°21	8°49	10°52	0°14	8°35	28°30	10°11	8°34	8°55	21°D 6	F 22
S 23	4 46 22	10°47'19	12°25	1°20	0♏59	6° 1	8°58	10°59	0°16	8°34	28°30	10° 6	8°31	9° 2	21° 6	S 23
S 24	4 50 18	11°48'18	24°43	0°25	2°11	6°41	9° 7	11° 5	0°19	8°32	28°30	9°58	8°28	9° 9	21° 6	S 24
M25	4 54 15	12°49'18	7♊15	29♏40	3°23	7°21	9°16	11°12	0°21	8°31	28°30	9°49	8°24	9°15	21° 6	M25
T 26	4 58 12	13°50'18	20° 2	29° 7	4°36	8° 1	9°24	11°18	0°24	8°29	28°29	9°37	8°21	9°22	21° 6	T 26
W27	5 2 8	14°51'19	3♋ 3	28°45	5°48	8°40	9°33	11°25	0°27	8°28	28°29	9°25	8°18	9°29	21° 6	W27
T 28	5 6 5	15°52'22	16°18	28°33	7° 0	9°20	9°41	11°31	0°30	8°26	28°29	9°14	8°15	9°35	21° 7	T 28
F 29	5 10 1	16°53'25	29°43	28°D33	8°13	10° 0	9°50	11°38	0°32	8°25	28°29	9° 4	8°12	9°42	21° 7	F 29
S 30	5 13 58	17♐54'29	13♌18	28♏41	9♏25	10♏40	9♎58	11♑45	0♒35	8♋23	28♓29	8♈57	8♈ 9	9♈49	21♓ 7	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	17s22	27n 9	5n 8	24s42	2s36	0s28	1n41	7s39	0n48	1s 2	1n10	22s55	0n17	20s53	0s35	22n17	0s55	15s56	16s51	4n24	3n51	2n22	0n 3	3n49
S 2	17 39	24 16	4 49	24 47	2 33	0 53	1 43	7 54	0 48	1 6	1 10	22 55	0 17	20 52	0 35	22 17	0 55	15 57	16 51	4 22	3 49	2 26	0 2	3 49
S 3	17 55	20 0	4 14	24 49	2 29	1 18	1 46	8 9	0 48	1 10	1 10	22 55	0 17	20 52	0 35	22 17	0 55	15 57	16 50	4 22	3 48	2 29	0 2	3 48
M 4	18 11	14 36	3 24	24 49	2 24	1 44	1 48	8 24	0 47	1 14	1 10	22 55	0 17	20 52	0 35	22 17	0 55	15 57	16 50	4 22	3 47	2 33	0 1	3 48
T 5	18 27	8 20	2 20	24 47	2 18	2 9	1 50	8 39	0 47	1 19	1 11	22 54	0 17	20 51	0 35	22 17	0 55	15 56	16 50	4 22	3 46	2 36	0 1	3 48
W 6	18 42	1 31	1 6	24 44	2 11	2 35	1 52	8 54	0 47	1 23	1 11	22 54	0 16	20 51	0 35	22 17	0 55	15 56	16 50	4 23	3 44	2 39	0s 0	3 48
T 7	18 57	5s28	0s12	24 37	2 2	3 1	1 54	9 8	0 46	1 27	1 11	22 54	0 16	20 50	0 35	22 17	0 55	15 56	16 49	4 23	3 43	2 43	0 1	3 47
F 8	19 12	12 13	1 31	24 29	1 52	3 26	1 56	9 23	0 46	1 31	1 11	22 53	0 16	20 50	0 35	22 17	0 55	15 56	16 49	4 23	3 42	2 46	0 1	3 47
S 9	19 26	18 19	2 43	24 18	1 41	3 52	1 57	9 38	0 45	1 35	1 11	22 53	0 16	20 49	0 35	22 17	0 55	15 56	16 49	4 21	3 41	2 50	0 2	3 47
S 10	19 40	23 18	3 44	24 4	1 28	4 18	1 59	9 53	0 45	1 39	1 11	22 53	0 16	20 49	0 35	22 17	0 55	15 56	16 48	4 19	3 39	2 53	0 2	3 47
M11	19 54	26 45	4 30	23 48	1 13	4 44	2 0	10 7	0 45	1 43	1 12	22 52	0 16	20 48	0 35	22 17	0 55	15 56	16 48	4 16	3 38	2 57	0 3	3 46
T 12	20 7	28 24	4 58	23 29	0 57	5 9	2 2	10 22	0 44	1 46	1 12	22 52	0 16	20 48	0 35	22 17	0 55	15 56	16 48	4 13	3 37	3 0	0 3	3 46
W13	20 20	28 13	5 7	23 6	0 40	5 35	2 3	10 36	0 44	1 50	1 12	22 52	0 16	20 48	0 35	22 17	0 55	15 56	16 47	4 10	3 36	3 4	0 4	3 46
T 14	20 32	26 23	5 0	22 42	0 21	6 1	2 4	10 50	0 43	1 54	1 12	22 51	0 16	20 47	0 35	22 18	0 55	15 56	16 47	4 7	3 34	3 7	0 4	3 45
F 15	20 45	23 13	4 37	22 14	0 2	6 27	2 5	11 5	0 43	1 58	1 12	22 51	0 16	20 47	0 35	22 18	0 55	15 56	16 47	4 5	3 33	3 10	0 5	3 45
S 16	20 56	19 2	4 1	21 45	0n18	6 52	2 6	11 19	0 42	2 1	1 12	22 51	0 16	20 46	0 35	22 18	0 55	15 56	16 46	4 3	3 32	3 14	0 5	3 45
S 17	21 8	14 11	3 15	21 13	0 39	7 18	2 7	11 33	0 42	2 5	1 13	22 50	0 15	20 46	0 35	22 18	0 55	15 55	16 46	4 3	3 31	3 17	0 6	3 45
M18	21 19	8 52	2 21	20 40	0 59	7 44	2 7	11 47	0 42	2 9	1 13	22 50	0 15	20 45	0 35	22 18	0 55	15 55	16 46	4 3	3 29	3 21	0 6	3 44
T 19	21 29	3 19	1 22	20 7	1 19	8 9	2 8	12 1	0 41	2 12	1 13	22 49	0 15	20 44	0 35	22 18	0 55	15 55	16 45	4 3	3 28	3 24	0 6	3 44
W20	21 39	2n20	0 19	19 35	1 37	8 34	2 9	12 15	0 41	2 16	1 13	22 49	0 15	20 44	0 35	22 18	0 55	15 55	16 45	4 3	3 27	3 28	0 7	3 44
T 21	21 49	7 55	0n44	19 4	1 54	8 59	2 9	12 29	0 40	2 19	1 13	22 48	0 15	20 43	0 35	22 18	0 55	15 55	16 45	4 3	3 26	3 31	0 7	3 44
F 22	21 58	13 16	1 46	18 36	2 8	9 25	2 9	12 43	0 40	2 23	1 14	22 48	0 15	20 43	0 35	22 18	0 55	15 54	16 44	4 2	3 24	3 34	0 7	3 43
S 23	22 7	18 11	2 43	18 11	2 21	9 50	2 9	12 56	0 39	2 26	1 14	22 48	0 15	20 42	0 35	22 18	0 55	15 54	16 44	4 0	3 23	3 38	0 7	3 43
S 24	22 15	22 27	3 34	17 50	2 31	10 14	2 9	13 10	0 39	2 29	1 14	22 47	0 15	20 42	0 35	22 18	0 55	15 54	16 44	3 58	3 22	3 41	0 8	3 43
M25	22 23	25 47	4 16	17 33	2 39	10 39	2 9	13 23	0 38	2 33	1 14	22 47	0 15	20 41	0 35	22 18	0 55	15 54	16 43	3 54	3 20	3 45	0 8	3 42
T 26	22 31	27 52	4 45	17 20	2 44	11 3	2 9	13 37	0 38	2 36	1 14	22 46	0 15	20 41	0 35	22 19	0 55	15 54	16 43	3 49	3 19	3 48	0 8	3 42
W27	22 38	28 28	5 1	17 12	2 48	11 28	2 9	13 50	0 38	2 39	1 14	22 46	0 15	20 40	0 35	22 19	0 55	15 53	16 43	3 44	3 18	3 52	0 8	3 42
T 28	22 45	27 28	5 0	17 7	2 50	11 52	2 9	14 3	0 37	2 42	1 15	22 45	0 15	20 39	0 35	22 19	0 55	15 53	16 42	3 40	3 17	3 55	0 8	3 42
F 29	22 51	24 52	4 43	17 7	2 50	12 15	2 8	14 16	0 37	2 45	1 15	22 45	0 14	20 39	0 35	22 19	0 55	15 53	16 42	3 36	3 15	3 59	0 8	3 41
S 30	22s57	20n52	4n10	17s10	2n49	12s39	2n 8	14s29	0n36	2s48	1n15	22s44	0n14	20s38	0s35	22n19	0s55	15s52	16s42	3n33	3n14	4n 2	0s 8	3n41

Julian Day Number = 2297361.5, Delta T = 123.87 sec
Ecliptic obliquity = 23°29'48, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°50'57, Lahiri = 17°57'57 Julian Calendar 1 Nov. 1577 == Greg. Calendar 11 Nov. 1577

ASTRODIENST EPHEMERIS for the year 1577
geocentric

DECEMBER 1577 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 17 54	18♐55'33	27♌ 2	28♏59	10♏38	11♏20	10♎ 6	11♑51	0♒38	8°R21	28°R29	8°R52	8♈ 5	9♈55	21♓ 8	S 1
M 2	5 21 51	19°56'39	10♍54	29°26	11°51	12° 0	10°14	11°58	0°41	8♋20	28♓29	8♈50	8° 2	10° 2	21° 8	M 2
T 3	5 25 47	20°57'45	24°54	29°59	13° 4	12°41	10°22	12° 5	0°44	8°18	28°D29	8°D50	7°59	10° 8	21° 9	T 3
W 4	5 29 44	21°58'53	9♎ 1	0♐39	14°17	13°21	10°29	12°12	0°46	8°17	28°29	8°R50	7°56	10°15	21°10	W 4
T 5	5 33 41	23° 0'01	23°15	1°25	15°29	14° 1	10°37	12°18	0°49	8°15	28°29	8°49	7°53	10°22	21°10	T 5
F 6	5 37 37	24° 1'10	7♏33	2°16	16°42	14°41	10°44	12°25	0°52	8°13	28°29	8°47	7°49	10°28	21°11	F 6
S 7	5 41 34	25° 2'19	21°53	3°11	17°56	15°21	10°52	12°32	0°55	8°12	28°29	8°41	7°46	10°35	21°12	S 7
S 8	5 45 30	26° 3'30	6♐11	4°11	19° 9	16° 1	10°59	12°39	0°58	8°10	28°29	8°32	7°43	10°42	21°13	S 8
M 9	5 49 27	27° 4'40	20°20	5°14	20°22	16°41	11° 6	12°46	1° 1	8° 8	28°29	8°21	7°40	10°48	21°14	M 9
T 10	5 53 23	28° 5'52	4♑15	6°20	21°35	17°22	11°13	12°53	1° 4	8° 7	28°29	8° 8	7°37	10°55	21°15	T 10
W11	5 57 20	29° 7'03	17°52	7°29	22°48	18° 2	11°19	13° 0	1° 8	8° 5	28°30	7°55	7°34	11° 2	21°16	W11
T 12	6 1 17	0♑ 8'15	1♒ 8	8°40	24° 2	18°42	11°26	13° 7	1°11	8° 3	28°30	7°44	7°30	11° 8	21°17	T 12
F 13	6 5 13	1° 9'26	14° 2	9°54	25°15	19°22	11°32	13°14	1°14	8° 2	28°30	7°34	7°27	11°15	21°18	F 13
S 14	6 9 10	2°10'38	26°35	11° 9	26°28	20° 3	11°39	13°21	1°17	8° 0	28°30	7°27	7°24	11°22	21°19	S 14
S 15	6 13 6	3°11'49	8♓49	12°26	27°42	20°43	11°45	13°28	1°20	7°58	28°31	7°22	7°21	11°28	21°20	S 15
M16	6 17 3	4°13'00	20°49	13°45	28°55	21°23	11°51	13°35	1°23	7°57	28°31	7°20	7°18	11°35	21°22	M16
T 17	6 20 59	5°14'11	2♈40	15° 5	0♐ 9	22° 3	11°56	13°42	1°27	7°55	28°31	7°20	7°15	11°42	21°23	T 17
W18	6 24 56	6°15'22	14°27	16°26	1°23	22°44	12° 2	13°49	1°30	7°53	28°32	7°20	7°11	11°48	21°25	W18
T 19	6 28 52	7°16'32	26°16	17°48	2°36	23°24	12° 8	13°56	1°33	7°52	28°32	7°19	7° 8	11°55	21°26	T 19
F 20	6 32 49	8°17'42	8♉13	19°11	3°50	24° 5	12°13	14° 3	1°36	7°50	28°32	7°16	7° 5	12° 1	21°28	F 20
S 21	6 36 46	9°18'52	20°23	20°36	5° 4	24°45	12°18	14°10	1°40	7°48	28°33	7°11	7° 2	12° 8	21°29	S 21
S 22	6 40 42	10°20'01	2♊48	22° 1	6°17	25°25	12°23	14°17	1°43	7°47	28°33	7° 3	6°59	12°15	21°31	S 22
M23	6 44 39	11°21'11	15°32	23°26	7°31	26° 6	12°28	14°24	1°46	7°45	28°34	6°52	6°55	12°21	21°32	M23
T 24	6 48 35	12°22'20	28°36	24°53	8°45	26°46	12°33	14°31	1°50	7°43	28°34	6°39	6°52	12°28	21°34	T 24
W25	6 52 32	13°23'28	11♋59	26°20	9°59	27°27	12°37	14°38	1°53	7°41	28°35	6°26	6°49	12°35	21°36	W25
T 26	6 56 28	14°24'36	25°38	27°48	11°13	28° 7	12°41	14°45	1°56	7°40	28°35	6°13	6°46	12°41	21°38	T 26
F 27	7 0 25	15°25'44	9♌30	29°16	12°26	28°48	12°46	14°52	2° 0	7°38	28°36	6° 2	6°43	12°48	21°40	F 27
S 28	7 4 21	16°26'52	23°31	0♑45	13°40	29°28	12°50	14°59	2° 3	7°36	28°36	5°54	6°40	12°55	21°42	S 28
S 29	7 8 18	17°27'59	7♍37	2°14	14°54	0♐ 9	12°53	15° 6	2° 7	7°35	28°37	5°48	6°36	13° 1	21°44	S 29
M30	7 12 15	18°29'06	21°45	3°45	16° 8	0°50	12°57	15°14	2°10	7°33	28°37	5°46	6°33	13° 8	21°46	M30
T 31	7 16 11	19♑30'13	5♎53	5♑15	17♐22	1♐30	13♎ 1	15♑21	2♒14	7♋31	28♓38	5°D45	6♈30	13♈15	21♓48	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	23s 2	15n42	3n23	17s17	2n46	13s 2	2n 7	14s42	0n36	2s51	1n15	22s44	0n14	20s38	0s35	22n19	0s55	15s52	16s41	3n31	3n13	4n 5	0s 9	3n41
M 2	23 7	9 41	2 23	17 26	2 42	13 25	2 6	14 55	0 35	2 54	1 16	22 43	0 14	20 37	0 35	22 19	0 55	15 52	16 41	3 31	3 12	4 9	0 9	3 41
T 3	23 11	3 9	1 13	17 37	2 38	13 48	2 5	15 8	0 35	2 57	1 16	22 43	0 14	20 36	0 34	22 19	0 55	15 52	16 40	3 31	3 10	4 12	0 9	3 40
W 4	23 15	3s36	0s 1	17 51	2 33	14 11	2 5	15 20	0 34	3 0	1 16	22 42	0 14	20 36	0 34	22 19	0 55	15 51	16 40	3 31	3 9	4 16	0 9	3 40
T 5	23 19	10 14	1 16	18 6	2 27	14 33	2 4	15 33	0 34	3 3	1 16	22 42	0 14	20 35	0 34	22 19	0 55	15 51	16 40	3 30	3 8	4 19	0 9	3 40
F 6	23 22	16 22	2 26	18 22	2 20	14 55	2 2	15 45	0 33	3 5	1 16	22 41	0 14	20 34	0 34	22 20	0 55	15 50	16 39	3 29	3 7	4 23	0 9	3 39
S 7	23 24	21 37	3 27	18 40	2 13	15 16	2 1	15 57	0 33	3 8	1 17	22 41	0 14	20 34	0 34	22 20	0 55	15 50	16 39	3 27	3 5	4 26	0 8	3 39
S 8	23 26	25 34	4 15	18 58	2 6	15 37	2 0	16 10	0 32	3 11	1 17	22 40	0 14	20 33	0 34	22 20	0 55	15 50	16 39	3 24	3 4	4 29	0 8	3 39
M 9	23 28	27 54	4 46	19 17	1 58	15 58	1 59	16 22	0 32	3 13	1 17	22 39	0 14	20 32	0 34	22 20	0 55	15 49	16 38	3 19	3 3	4 33	0 8	3 39
T 10	23 29	28 25	5 0	19 36	1 50	16 19	1 57	16 34	0 31	3 16	1 17	22 39	0 14	20 32	0 34	22 20	0 55	15 49	16 38	3 14	3 2	4 36	0 8	3 38
W11	23 30	27 11	4 56	19 56	1 42	16 39	1 56	16 45	0 30	3 18	1 17	22 38	0 13	20 31	0 34	22 20	0 55	15 49	16 38	3 9	3 0	4 40	0 8	3 38
T 12	23 30	24 26	4 36	20 15	1 34	16 59	1 54	16 57	0 30	3 20	1 18	22 38	0 13	20 30	0 34	22 20	0 55	15 48	16 37	3 4	2 59	4 43	0 8	3 38
F 13	23 29	20 31	4 3	20 34	1 26	17 18	1 53	17 9	0 29	3 23	1 18	22 37	0 13	20 30	0 34	22 20	0 55	15 48	16 37	3 0	2 58	4 46	0 8	3 38
S 14	23 29	15 47	3 18	20 53	1 18	17 37	1 51	17 20	0 29	3 25	1 18	22 36	0 13	20 29	0 34	22 20	0 55	15 47	16 37	2 58	2 57	4 50	0 7	3 37
S 15	23 27	10 31	2 25	21 12	1 9	17 55	1 49	17 31	0 28	3 27	1 18	22 36	0 13	20 28	0 34	22 20	0 55	15 47	16 36	2 56	2 55	4 53	0 7	3 37
M16	23 26	4 58	1 26	21 30	1 1	18 13	1 48	17 42	0 28	3 29	1 19	22 35	0 13	20 27	0 34	22 21	0 55	15 46	16 36	2 55	2 54	4 57	0 7	3 37
T 17	23 24	0n41	0 25	21 47	0 53	18 30	1 46	17 53	0 27	3 31	1 19	22 34	0 13	20 27	0 34	22 21	0 55	15 46	16 35	2 55	2 53	5 0	0 7	3 36
W18	23 21	6 17	0n38	22 4	0 45	18 47	1 44	18 4	0 27	3 33	1 19	22 34	0 13	20 26	0 34	22 21	0 55	15 46	16 35	2 55	2 52	5 4	0 6	3 36
T 19	23 18	11 42	1 39	22 20	0 37	19 4	1 42	18 15	0 26	3 35	1 19	22 33	0 13	20 25	0 34	22 21	0 55	15 45	16 35	2 55	2 50	5 7	0 6	3 36
F 20	23 14	16 44	2 36	22 35	0 29	19 20	1 40	18 26	0 25	3 37	1 20	22 32	0 13	20 24	0 34	22 21	0 55	15 45	16 34	2 54	2 49	5 10	0 5	3 36
S 21	23 10	21 12	3 27	22 49	0 21	19 36	1 38	18 36	0 25	3 39	1 20	22 32	0 13	20 24	0 34	22 21	0 55	15 44	16 34	2 51	2 48	5 14	0 5	3 35
S 22	23 6	24 50	4 9	23 3	0 13	19 51	1 35	18 46	0 24	3 41	1 20	22 31	0 13	20 23	0 34	22 21	0 55	15 44	16 34	2 48	2 47	5 17	0 5	3 35
M23	23 1	27 21	4 40	23 15	0 5	20 5	1 33	18 57	0 24	3 42	1 20	22 30	0 13	20 22	0 34	22 21	0 55	15 43	16 33	2 44	2 45	5 21	0 4	3 35
T 24	22 55	28 27	4 57	23 26	0s 3	20 19	1 31	19 7	0 23	3 44	1 21	22 30	0 13	20 21	0 34	22 21	0 55	15 43	16 33	2 39	2 44	5 24	0 4	3 35
W25	22 49	27 55	4 59	23 37	0 10	20 32	1 29	19 16	0 22	3 45	1 21	22 29	0 12	20 21	0 34	22 22	0 55	15 42	16 33	2 34	2 43	5 27	0 3	3 34
T 26	22 43	25 42	4 43	23 46	0 17	20 45	1 26	19 26	0 22	3 47	1 21	22 28	0 12	20 20	0 34	22 22	0 55	15 42	16 32	2 29	2 42	5 31	0 3	3 34
F 27	22 36	21 57	4 11	23 54	0 24	20 57	1 24	19 36	0 21	3 48	1 21	22 28	0 12	20 19	0 34	22 22	0 55	15 41	16 32	2 24	2 40	5 34	0 2	3 34
S 28	22 29	16 55	3 23	24 1	0 31	21 9	1 21	19 45	0 20	3 50	1 22	22 27	0 12	20 18	0 34	22 22	0 55	15 41	16 32	2 21	2 39	5 38	0 2	3 34
S 29	22 21	10 56	2 23	24 7	0 38	21 20	1 19	19 55	0 20	3 51	1 22	22 26	0 12	20 18	0 34	22 22	0 55	15 40	16 31	2 19	2 38	5 41	0 1	3 33
M30	22 13	4 24	1 13	24 11	0 45	21 30	1 16	20 4	0 19	3 52	1 22	22 25	0 12	20 17	0 34	22 22	0 55	15 39	16 31	2 18	2 36	5 44	0 1	3 33
T 31	22s 4	2s21	0s 1	24s15	0s51	21s40	1n14	20s13	0n18	3s53	1n22	22s25	0n12	20s16	0s34	22n22	0s55	15s39	16s31	2n17	2n35	5n48	0s 0	3n33

Julian Day Number = 2297391.5, Delta T = 123.72 sec
Ecliptic obliquity = 23°29'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°51'01, Lahiri = 17°58'01 Julian Calendar 1 Dec. 1577 == Greg. Calendar 11 Dec. 1577