Astrodienst Ephemeris Tables

for the year 1897

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 1897
geocentric

JANUARY 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 43 37	10♑53'32	10♐57	28♑46	22♒57	13°R 9	10°R 9	27♏10	27♏25	18°R18	12°R14	15°R43	17♒ 9	2♉21	11♏12	F 1
S 2	6 47 33	11°54'43	25°23	0♒ 9	24° 8	12♊57	10♍ 8	27°16	27°28	18♊17	12♊13	15♒37	17° 5	2°27	11°18	S 2
S 3	6 51 30	12°55'55	9♑38	1°29	25°18	12°46	10° 6	27°22	27°31	18°15	12°12	15°33	17° 2	2°34	11°24	S 3
M 4	6 55 26	13°57'06	23°36	2°45	26°29	12°35	10° 5	27°27	27°34	18°14	12°11	15°29	16°59	2°41	11°29	M 4
T 5	6 59 23	14°58'17	7♒13	3°58	27°40	12°26	10° 3	27°33	27°36	18°12	12°10	15°27	16°56	2°48	11°35	T 5
W 6	7 3 20	15°59'28	20°28	5° 6	28°50	12°17	10° 1	27°38	27°39	18°11	12° 9	15°D27	16°53	2°54	11°40	W 6
T 7	7 7 16	17° 0'38	3♓21	6° 9	0♓ 1	12° 9	9°58	27°44	27°42	18° 9	12° 8	15°28	16°50	3° 1	11°46	T 7
F 8	7 11 13	18° 1'48	15°53	7° 5	1°11	12° 2	9°56	27°49	27°45	18° 8	12° 8	15°30	16°46	3° 8	11°51	F 8
S 9	7 15 9	19° 2'57	28° 8	7°55	2°21	11°55	9°53	27°55	27°47	18° 6	12° 7	15°32	16°43	3°14	11°56	S 9
S 10	7 19 6	20° 4'06	10♈11	8°37	3°31	11°50	9°50	28° 0	27°50	18° 5	12° 6	15°33	16°40	3°21	12° 1	S 10
M11	7 23 2	21° 5'14	22° 6	9°10	4°41	11°45	9°47	28° 5	27°53	18° 4	12° 5	15°R33	16°37	3°28	12° 6	M11
T 12	7 26 59	22° 6'22	3♉58	9°33	5°50	11°41	9°44	28°10	27°55	18° 2	12° 4	15°33	16°34	3°35	12°11	T 12
W13	7 30 55	23° 7'29	15°52	9°46	7° 0	11°38	9°40	28°15	27°58	18° 1	12° 3	15°31	16°31	3°41	12°15	W13
T 14	7 34 52	24° 8'35	27°52	9°R48	8° 9	11°36	9°37	28°21	28° 0	18° 0	12° 2	15°28	16°27	3°48	12°20	T 14
F 15	7 38 49	25° 9'41	10♊ 2	9°38	9°19	11°35	9°33	28°25	28° 3	17°58	12° 2	15°25	16°24	3°55	12°25	F 15
S 16	7 42 45	26°10'46	22°25	9°16	10°28	11°D34	9°29	28°30	28° 5	17°57	12° 1	15°22	16°21	4° 1	12°29	S 16
S 17	7 46 42	27°11'50	5♋ 3	8°43	11°37	11°34	9°25	28°35	28° 7	17°56	12° 0	15°19	16°18	4° 8	12°33	S 17
M18	7 50 38	28°12'53	17°57	7°59	12°45	11°35	9°20	28°40	28°10	17°55	11°59	15°17	16°15	4°15	12°38	M18
T 19	7 54 35	29°13'56	1♌ 8	7° 5	13°54	11°37	9°16	28°45	28°12	17°54	11°58	15°15	16°11	4°22	12°42	T 19
W20	7 58 31	0♒14'58	14°34	6° 2	15° 2	11°39	9°11	28°49	28°14	17°52	11°58	15°D15	16° 8	4°28	12°46	W20
T 21	8 2 28	1°16'00	28°13	4°53	16°10	11°42	9° 6	28°54	28°16	17°51	11°57	15°15	16° 5	4°35	12°50	T 21
F 22	8 6 24	2°17'00	12♍ 3	3°39	17°18	11°46	9° 1	28°58	28°18	17°50	11°56	15°16	16° 2	4°42	12°54	F 22
S 23	8 10 21	3°18'01	26° 2	2°23	18°26	11°50	8°56	29° 3	28°21	17°49	11°56	15°17	15°59	4°48	12°57	S 23
S 24	8 14 18	4°19'00	10♎ 7	1° 6	19°34	11°56	8°51	29° 7	28°23	17°48	11°55	15°18	15°56	4°55	13° 1	S 24
M25	8 18 14	5°19'59	24°17	29♑52	20°41	12° 2	8°46	29°11	28°25	17°47	11°54	15°19	15°52	5° 2	13° 5	M25
T 26	8 22 11	6°20'58	8♏28	28°42	21°48	12° 8	8°40	29°15	28°27	17°46	11°54	15°R19	15°49	5° 9	13° 8	T 26
W27	8 26 7	7°21'56	22°39	27°38	22°55	12°15	8°34	29°19	28°28	17°45	11°53	15°19	15°46	5°15	13°11	W27
T 28	8 30 4	8°22'54	6♐48	26°41	24° 2	12°23	8°28	29°23	28°30	17°44	11°53	15°18	15°43	5°22	13°15	T 28
F 29	8 34 0	9°23'50	20°51	25°52	25° 8	12°32	8°22	29°27	28°32	17°43	11°52	15°17	15°40	5°29	13°18	F 29
S 30	8 37 57	10°24'46	4♑47	25°11	26°14	12°41	8°16	29°31	28°34	17°42	11°51	15°17	15°37	5°36	13°21	S 30
S 31	8 41 53	11♒25'42	18♑32	24♑39	27♓20	12♊51	8♍10	29♏35	28♏36	17♊41	11♊51	15♒16	15♒33	5♉42	13♏24	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	23s 0	26s44	4s41	22s 6	1s43	15s32	1s45	25n23	3n 1	8n50	1n 9	17s35	2n 0	19s22	0n14	21n30	1s26	11n52	10s30	16s 8	15s42	16n58	14s28	0n46
S 2	22 55	27 22	3 59	21 41	1 36	15 6	1 43	25 22	3 2	8 51	1 9	17 36	2 1	19 23	0 14	21 30	1 26	11 52	10 30	16 10	15 43	17 0	14 30	0 47
S 3	22 50	26 9	3 3	21 16	1 28	14 41	1 41	25 21	3 2	8 51	1 10	17 37	2 1	19 23	0 14	21 30	1 26	11 52	10 30	16 11	15 44	17 3	14 31	0 47
M 4	22 43	23 18	1 57	20 50	1 19	14 14	1 39	25 20	3 2	8 52	1 10	17 39	2 1	19 24	0 14	21 30	1 26	11 52	10 29	16 12	15 45	17 5	14 32	0 47
T 5	22 37	19 12	0 45	20 24	1 9	13 48	1 36	25 19	3 2	8 53	1 10	17 40	2 1	19 25	0 14	21 30	1 26	11 52	10 29	16 13	15 46	17 8	14 34	0 48
W 6	22 30	14 14	0n27	19 57	0 58	13 21	1 34	25 17	3 2	8 54	1 10	17 41	2 1	19 25	0 14	21 30	1 26	11 52	10 29	16 13	15 47	17 10	14 35	0 48
T 7	22 22	8 47	1 37	19 30	0 46	12 54	1 31	25 16	3 2	8 55	1 11	17 42	2 1	19 26	0 14	21 30	1 26	11 52	10 29	16 12	15 48	17 13	14 36	0 48
F 8	22 14	3 8	2 39	19 3	0 33	12 26	1 28	25 15	3 2	8 57	1 11	17 43	2 1	19 27	0 14	21 30	1 26	11 52	10 29	16 12	15 49	17 15	14 37	0 49
S 9	22 6	2n31	3 33	18 37	0 19	11 58	1 25	25 15	3 2	8 58	1 11	17 44	2 1	19 27	0 14	21 30	1 26	11 52	10 29	16 11	15 50	17 18	14 39	0 49
S 10	21 57	7 58	4 17	18 12	0 4	11 30	1 23	25 14	3 2	8 59	1 11	17 45	2 1	19 28	0 14	21 29	1 26	11 52	10 28	16 11	15 51	17 20	14 40	0 50
M11	21 48	13 4	4 49	17 47	0n12	11 2	1 19	25 13	3 2	9 1	1 12	17 46	2 2	19 28	0 14	21 29	1 26	11 52	10 28	16 11	15 52	17 23	14 41	0 50
T 12	21 38	17 40	5 8	17 25	0 28	10 33	1 16	25 12	3 2	9 2	1 12	17 47	2 2	19 29	0 14	21 29	1 26	11 52	10 28	16 11	15 53	17 26	14 42	0 50
W13	21 28	21 36	5 14	17 5	0 46	10 5	1 13	25 11	3 1	9 4	1 12	17 48	2 2	19 29	0 14	21 29	1 26	11 52	10 28	16 12	15 54	17 28	14 43	0 51
T 14	21 18	24 41	5 7	16 47	1 4	9 36	1 10	25 11	3 1	9 5	1 12	17 49	2 2	19 30	0 14	21 29	1 26	11 52	10 28	16 12	15 55	17 31	14 44	0 51
F 15	21 7	26 41	4 46	16 31	1 23	9 6	1 6	25 10	3 1	9 7	1 13	17 50	2 2	19 31	0 14	21 29	1 26	11 53	10 27	16 13	15 56	17 33	14 45	0 52
S 16	20 56	27 25	4 11	16 19	1 41	8 37	1 3	25 10	3 0	9 9	1 13	17 51	2 2	19 31	0 14	21 29	1 26	11 53	10 27	16 14	15 57	17 36	14 46	0 52
S 17	20 44	26 45	3 24	16 10	2 0	8 7	0 59	25 10	3 0	9 11	1 13	17 52	2 2	19 32	0 14	21 29	1 26	11 53	10 27	16 15	15 58	17 38	14 47	0 52
M18	20 32	24 39	2 25	16 4	2 17	7 38	0 55	25 9	3 0	9 12	1 13	17 53	2 2	19 32	0 14	21 29	1 26	11 53	10 27	16 16	15 59	17 41	14 48	0 53
T 19	20 19	21 10	1 17	16 2	2 34	7 8	0 51	25 9	2 59	9 14	1 14	17 54	2 3	19 33	0 14	21 29	1 26	11 53	10 27	16 16	16 0	17 43	14 49	0 53
W20	20 7	16 32	0 4	16 2	2 49	6 38	0 47	25 9	2 59	9 16	1 14	17 55	2 3	19 33	0 14	21 29	1 26	11 53	10 26	16 16	16 1	17 45	14 50	0 54
T 21	19 53	10 59	1s11	16 6	3 3	6 7	0 43	25 9	2 58	9 18	1 14	17 56	2 3	19 34	0 14	21 29	1 26	11 53	10 26	16 16	16 2	17 48	14 50	0 54
F 22	19 40	4 51	2 23	16 12	3 14	5 37	0 39	25 9	2 58	9 20	1 14	17 56	2 3	19 34	0 14	21 29	1 26	11 53	10 26	16 16	16 2	17 50	14 51	0 54
S 23	19 26	1s35	3 27	16 21	3 23	5 7	0 35	25 9	2 57	9 23	1 15	17 57	2 3	19 35	0 14	21 29	1 26	11 53	10 26	16 16	16 3	17 53	14 52	0 55
S 24	19 12	7 59	4 19	16 31	3 29	4 36	0 31	25 9	2 57	9 25	1 15	17 58	2 3	19 35	0 14	21 28	1 26	11 54	10 26	16 15	16 4	17 55	14 53	0 55
M25	18 57	14 0	4 56	16 43	3 33	4 6	0 26	25 9	2 56	9 27	1 15	17 59	2 3	19 35	0 14	21 28	1 25	11 54	10 25	16 15	16 5	17 58	14 53	0 56
T 26	18 42	19 17	5 14	16 55	3 35	3 35	0 21	25 9	2 55	9 29	1 15	18 0	2 4	19 36	0 14	21 28	1 25	11 54	10 25	16 15	16 6	18 0	14 54	0 56
W27	18 27	23 30	5 14	17 9	3 34	3 4	0 17	25 10	2 55	9 32	1 15	18 0	2 4	19 36	0 14	21 28	1 25	11 54	10 25	16 15	16 7	18 3	14 55	0 57
T 28	18 11	26 18	4 55	17 23	3 31	2 33	0 12	25 10	2 54	9 34	1 16	18 1	2 4	19 37	0 14	21 28	1 25	11 54	10 25	16 15	16 8	18 5	14 55	0 57
F 29	17 55	27 26	4 18	17 36	3 26	2 3	0 7	25 11	2 53	9 37	1 16	18 2	2 4	19 37	0 14	21 28	1 25	11 54	10 24	16 16	16 9	18 8	14 56	0 57
S 30	17 38	26 48	3 26	17 50	3 20	1 32	0 2	25 11	2 53	9 39	1 16	18 2	2 4	19 38	0 14	21 28	1 25	11 55	10 24	16 16	16 10	18 10	14 56	0 58
S 31	17s22	24s32	2s23	18s 3	3n12	1s 1	0n 3	25n12	2n52	9n42	1n16	18s 3	2n 4	19s38	0n14	21n28	1s25	11n55	10s24	16s16	16s11	18n12	14s57	0n58

Julian Day Number = 2413925.5, Delta T = -4.49 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'07, Lahiri = 22°25'07

ASTRODIENST EPHEMERIS for the year 1897
geocentric

FEBRUARY 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 50	12♒26'36	2♒ 5	24°R15	28♓26	13♊ 1	8°R 3	29♏38	28♏37	17°R40	11°R50	15°R16	15♒30	5♉49	13♏27	M 1
T 2	8 49 47	13°27'29	15°22	24♌ 0	29°32	13°12	7♍57	29°42	28°39	17♊40	11♊50	15°D16	15°27	5°56	13°29	T 2
W 3	8 53 43	14°28'21	28°24	23°D53	0♈37	13°23	7°50	29°45	28°40	17°39	11°50	15♒16	15°24	6° 2	13°32	W 3
T 4	8 57 40	15°29'11	11♓ 9	23°54	1°42	13°35	7°44	29°49	28°42	17°38	11°49	15°R16	15°21	6° 9	13°34	T 4
F 5	9 1 36	16°30'00	23°38	24° 2	2°46	13°48	7°37	29°52	28°43	17°37	11°49	15°16	15°17	6°16	13°37	F 5
S 6	9 5 33	17°30'48	5♈53	24°17	3°51	14° 1	7°30	29°55	28°45	17°37	11°48	15°16	15°14	6°23	13°39	S 6
S 7	9 9 29	18°31'35	17°57	24°37	4°55	14°15	7°23	29°58	28°46	17°36	11°48	15°15	15°11	6°29	13°41	S 7
M 8	9 13 26	19°32'19	29°53	25° 4	5°58	14°29	7°16	0♐ 1	28°47	17°35	11°48	15°15	15° 8	6°36	13°43	M 8
T 9	9 17 22	20°33'03	11♉45	25°36	7° 2	14°44	7° 8	0° 4	28°49	17°35	11°47	15°14	15° 5	6°43	13°45	T 9
W10	9 21 19	21°33'44	23°39	26°13	8° 5	14°59	7° 1	0° 7	28°50	17°34	11°47	15°D14	15° 2	6°49	13°47	W10
T 11	9 25 16	22°34'25	5♊38	26°54	9° 7	15°15	6°54	0°10	28°51	17°34	11°47	15°15	14°58	6°56	13°48	T 11
F 12	9 29 12	23°35'03	17°47	27°39	10°10	15°31	6°46	0°12	28°52	17°33	11°46	15°15	14°55	7° 3	13°50	F 12
S 13	9 33 9	24°35'40	0♋11	28°28	11°12	15°47	6°39	0°15	28°53	17°33	11°46	15°16	14°52	7°10	13°51	S 13
S 14	9 37 5	25°36'15	12°53	29°21	12°13	16° 4	6°31	0°17	28°54	17°32	11°46	15°17	14°49	7°16	13°53	S 14
M15	9 41 2	26°36'48	25°56	0♒16	13°14	16°22	6°23	0°20	28°55	17°32	11°46	15°18	14°46	7°23	13°54	M15
T 16	9 44 58	27°37'20	9♌21	1°15	14°15	16°40	6°16	0°22	28°56	17°31	11°45	15°R19	14°43	7°30	13°55	T 16
W17	9 48 55	28°37'50	23° 7	2°16	15°15	16°58	6° 8	0°24	28°57	17°31	11°45	15°18	14°39	7°37	13°56	W17
T 18	9 52 51	29°38'19	7♍12	3°20	16°15	17°17	6° 0	0°26	28°57	17°31	11°45	15°18	14°36	7°43	13°57	T 18
F 19	9 56 48	0♓38'45	21°32	4°26	17°14	17°36	5°52	0°28	28°58	17°31	11°45	15°16	14°33	7°50	13°58	F 19
S 20	10 0 45	1°39'11	6♎ 1	5°34	18°13	17°55	5°45	0°30	28°59	17°30	11°45	15°14	14°30	7°57	13°58	S 20
S 21	10 4 41	2°39'34	20°33	6°45	19°12	18°15	5°37	0°32	28°59	17°30	11°45	15°12	14°27	8° 3	13°59	S 21
M22	10 8 38	3°39'57	5♏ 3	7°57	20°10	18°35	5°29	0°33	29° 0	17°30	11°45	15°10	14°23	8°10	13°59	M22
T 23	10 12 34	4°40'18	19°26	9°11	21° 7	18°56	5°21	0°35	29° 1	17°30	11°45	15° 8	14°20	8°17	13°59	T 23
W24	10 16 31	5°40'38	3♐39	10°27	22° 4	19°17	5°13	0°36	29° 1	17°30	11°D45	15°D 8	14°17	8°24	14° 0	W24
T 25	10 20 27	6°40'56	17°38	11°44	23° 0	19°38	5° 5	0°38	29° 1	17°30	11°45	15° 8	14°14	8°30	14°R 0	T 25
F 26	10 24 24	7°41'14	1♑24	13° 3	23°56	20° 0	4°57	0°39	29° 2	17°D30	11°45	15° 9	14°11	8°37	14° 0	F 26
S 27	10 28 20	8°41'29	14°57	14°23	24°51	20°22	4°49	0°40	29° 2	17°30	11°45	15°11	14° 8	8°44	14° 0	S 27
S 28	10 32 17	9♓41'43	28♑16	15♒45	25♈45	20♊44	4♍42	0♐41	29♏ 2	17♊30	11♊45	15♒12	14♒ 4	8♉51	13♏59	S 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
M 1	17s 5	20s53	1s12	18s16	3n 3	0s30	0n 8	25n12	2n51	9n44	1n17	18s 4	2n 4	19s38	0n14	21n28	1s25	11n55	10s24	16s16	16s12	18n15	14s57	0n59
T 2	16 48	16 14	0n 1	18 28	2 54	0n 1	0 13	25 13	2 51	9 47	1 17	18 4	2 5	19 39	0 14	21 28	1 25	11 55	10 23	16 16	16 13	18 17	14 57	0 59
W 3	16 30	10 55	1 12	18 40	2 43	0 31	0 18	25 14	2 50	9 49	1 17	18 5	2 5	19 39	0 14	21 28	1 25	11 55	10 23	16 16	16 14	18 20	14 58	1 0
T 4	16 12	5 15	2 19	18 51	2 32	1 2	0 24	25 15	2 49	9 52	1 17	18 5	2 5	19 39	0 14	21 28	1 25	11 55	10 23	16 16	16 15	18 22	14 58	1 0
F 5	15 54	0n29	3 17	19 0	2 21	1 33	0 29	25 15	2 48	9 55	1 17	18 6	2 5	19 40	0 14	21 28	1 25	11 56	10 23	16 16	16 16	18 24	14 58	1 0
S 6	15 36	6 5	4 5	19 9	2 9	2 4	0 35	25 16	2 48	9 58	1 17	18 6	2 5	19 40	0 14	21 28	1 25	11 56	10 23	16 16	16 17	18 27	14 59	1 1
S 7	15 17	11 23	4 42	19 17	1 57	2 34	0 40	25 17	2 47	10 0	1 18	18 7	2 5	19 40	0 14	21 28	1 25	11 56	10 22	16 16	16 18	18 29	14 59	1 1
M 8	14 58	16 12	5 6	19 24	1 46	3 5	0 46	25 18	2 46	10 3	1 18	18 7	2 6	19 40	0 14	21 28	1 25	11 56	10 22	16 16	16 18	18 32	14 59	1 2
T 9	14 39	20 23	5 16	19 30	1 34	3 35	0 52	25 19	2 45	10 6	1 18	18 8	2 6	19 41	0 14	21 28	1 25	11 56	10 22	16 17	16 19	18 34	14 59	1 2
W10	14 20	23 45	5 14	19 34	1 22	4 5	0 58	25 20	2 45	10 9	1 18	18 8	2 6	19 41	0 14	21 28	1 25	11 57	10 22	16 17	16 20	18 36	14 59	1 3
T 11	14 0	26 8	4 57	19 38	1 11	4 35	1 3	25 21	2 44	10 12	1 18	18 9	2 6	19 41	0 14	21 28	1 25	11 57	10 21	16 16	16 21	18 39	14 59	1 3
F 12	13 40	27 20	4 27	19 40	0 59	5 5	1 9	25 22	2 43	10 15	1 18	18 9	2 6	19 41	0 14	21 28	1 25	11 57	10 21	16 16	16 22	18 41	14 59	1 4
S 13	13 20	27 12	3 45	19 41	0 48	5 35	1 15	25 23	2 42	10 18	1 19	18 9	2 6	19 42	0 14	21 28	1 25	11 57	10 21	16 16	16 23	18 43	14 59	1 4
S 14	13 0	25 39	2 50	19 41	0 37	6 5	1 22	25 24	2 42	10 21	1 19	18 10	2 7	19 42	0 14	21 28	1 24	11 58	10 21	16 16	16 24	18 46	14 59	1 4
M15	12 39	22 42	1 45	19 40	0 27	6 35	1 28	25 25	2 41	10 24	1 19	18 10	2 7	19 42	0 14	21 28	1 24	11 58	10 20	16 15	16 25	18 48	14 59	1 5
T 16	12 18	18 27	0 33	19 38	0 16	7 4	1 34	25 26	2 40	10 27	1 19	18 10	2 7	19 42	0 14	21 28	1 24	11 58	10 20	16 15	16 26	18 50	14 59	1 5
W17	11 57	13 9	0s43	19 34	0 6	7 33	1 40	25 27	2 39	10 30	1 19	18 11	2 7	19 42	0 14	21 28	1 24	11 58	10 20	16 15	16 27	18 53	14 59	1 6
T 18	11 36	7 3	1 58	19 29	0s 3	8 2	1 47	25 28	2 38	10 32	1 19	18 11	2 7	19 43	0 14	21 28	1 24	11 58	10 19	16 16	16 28	18 55	14 59	1 6
F 19	11 15	0 30	3 7	19 22	0 13	8 31	1 53	25 29	2 38	10 35	1 19	18 11	2 7	19 43	0 14	21 28	1 24	11 59	10 19	16 16	16 29	18 57	14 59	1 7
S 20	10 54	6s 8	4 5	19 15	0 22	8 59	2 0	25 30	2 37	10 38	1 19	18 11	2 8	19 43	0 14	21 28	1 24	11 59	10 19	16 17	16 30	19 0	14 58	1 7
S 21	10 32	12 27	4 47	19 6	0 31	9 28	2 6	25 31	2 36	10 41	1 19	18 11	2 8	19 43	0 14	21 28	1 24	11 59	10 19	16 17	16 31	19 2	14 58	1 8
M22	10 10	18 5	5 10	18 56	0 39	9 56	2 13	25 32	2 35	10 44	1 20	18 12	2 8	19 43	0 14	21 28	1 24	11 59	10 18	16 18	16 31	19 4	14 58	1 8
T 23	9 48	22 38	5 14	18 44	0 48	10 24	2 19	25 33	2 34	10 47	1 20	18 12	2 8	19 43	0 14	21 28	1 24	12 0	10 18	16 18	16 32	19 7	14 58	1 8
W24	9 26	25 47	4 59	18 31	0 55	10 51	2 26	25 34	2 34	10 50	1 20	18 12	2 8	19 43	0 14	21 28	1 24	12 0	10 18	16 19	16 33	19 9	14 57	1 9
T 25	9 4	27 18	4 26	18 17	1 3	11 18	2 33	25 35	2 33	10 53	1 20	18 12	2 8	19 43	0 14	21 28	1 24	12 0	10 18	16 18	16 34	19 11	14 57	1 9
F 26	8 42	27 5	3 38	18 2	1 10	11 45	2 39	25 36	2 32	10 56	1 20	18 12	2 9	19 44	0 14	21 28	1 24	12 0	10 17	16 18	16 35	19 14	14 56	1 10
S 27	8 19	25 15	2 39	17 45	1 17	12 12	2 46	25 37	2 31	10 59	1 20	18 12	2 9	19 44	0 14	21 29	1 24	12 1	10 17	16 18	16 36	19 16	14 56	1 10
S 28	7s56	22s 1	1s32	17s27	1s23	12n38	2n53	25n38	2n30	11n 2	1n20	18s12	2n 9	19s44	0n14	21n29	1s24	12n 1	10s17	16s17	16s37	19n18	14s55	1n11

Julian Day Number = 2413956.5, Delta T = -4.45 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'11, Lahiri = 22°25'11

ASTRODIENST EPHEMERIS for the year 1897
geocentric

MARCH 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 36 14	10♓41'55	11♒22	17♒ 8	26♈39	21♊ 6	4°R34	0♐42	29♏ 2	17♊30	11♊45	15°R13	14♒ 1	8♉57	13°R59	M 1
T 2	10 40 10	11°42'06	24°16	18°33	27°32	21°29	4♍26	0°43	29° 2	17°30	11°45	15♒13	13°58	9° 4	13♏58	T 2
W 3	10 44 7	12°42'15	6♓58	19°59	28°25	21°52	4°18	0°44	29° 3	17°30	11°45	15°11	13°55	9°11	13°58	W 3
T 4	10 48 3	13°42'22	19°28	21°26	29°17	22°16	4°11	0°44	29°R 3	17°30	11°45	15° 8	13°52	9°17	13°57	T 4
F 5	10 52 0	14°42'27	1♈47	22°54	0♉ 8	22°39	4° 3	0°45	29° 3	17°30	11°46	15° 3	13°49	9°24	13°56	F 5
S 6	10 55 56	15°42'30	13°57	24°23	0°58	23° 3	3°55	0°45	29° 2	17°31	11°46	14°58	13°45	9°31	13°55	S 6
S 7	10 59 53	16°42'31	25°58	25°54	1°47	23°28	3°48	0°46	29° 2	17°31	11°46	14°52	13°42	9°38	13°54	S 7
M 8	11 3 49	17°42'30	7♉53	27°26	2°36	23°52	3°40	0°46	29° 2	17°31	11°46	14°46	13°39	9°44	13°53	M 8
T 9	11 7 46	18°42'27	19°45	28°59	3°24	24°17	3°33	0°46	29° 2	17°32	11°47	14°42	13°36	9°51	13°52	T 9
W10	11 11 43	19°42'22	1♊37	0♓34	4°11	24°42	3°25	0°R46	29° 1	17°32	11°47	14°38	13°33	9°58	13°50	W10
T 11	11 15 39	20°42'15	13°34	2° 9	4°57	25° 7	3°18	0°46	29° 1	17°32	11°47	14°37	13°29	10° 4	13°49	T 11
F 12	11 19 36	21°42'05	25°40	3°46	5°42	25°33	3°11	0°46	29° 1	17°33	11°48	14°D36	13°26	10°11	13°47	F 12
S 13	11 23 32	22°41'54	8♋ 1	5°24	6°25	25°59	3° 4	0°45	29° 0	17°33	11°48	14°37	13°23	10°18	13°46	S 13
S 14	11 27 29	23°41'40	20°40	7° 3	7° 8	26°24	2°57	0°45	29° 0	17°34	11°48	14°39	13°20	10°25	13°44	S 14
M15	11 31 25	24°41'24	3♌42	8°43	7°50	26°51	2°50	0°45	28°59	17°34	11°49	14°40	13°17	10°31	13°42	M15
T 16	11 35 22	25°41'05	17°11	10°24	8°31	27°17	2°43	0°44	28°58	17°35	11°49	14°R41	13°14	10°38	13°40	T 16
W17	11 39 18	26°40'44	1♍ 6	12° 7	9°10	27°44	2°37	0°43	28°58	17°36	11°50	14°40	13°10	10°45	13°38	W17
T 18	11 43 15	27°40'21	15°26	13°51	9°49	28°10	2°30	0°43	28°57	17°36	11°50	14°36	13° 7	10°52	13°35	T 18
F 19	11 47 12	28°39'56	0♎ 8	15°36	10°26	28°37	2°24	0°42	28°56	17°37	11°51	14°31	13° 4	10°58	13°33	F 19
S 20	11 51 8	29°39'29	15° 3	17°22	11° 1	29° 5	2°17	0°41	28°55	17°38	11°51	14°25	13° 1	11° 5	13°31	S 20
S 21	11 55 5	0♈39'00	0♏ 3	19°10	11°36	29°32	2°11	0°40	28°55	17°39	11°52	14°18	12°58	11°12	13°28	S 21
M22	11 59 1	1°38'30	15° 0	20°59	12° 9	29°59	2° 5	0°39	28°54	17°39	11°52	14°11	12°54	11°18	13°26	M22
T 23	12 2 58	2°37'57	29°43	22°49	12°40	0♋27	1°59	0°37	28°53	17°40	11°53	14° 5	12°51	11°25	13°23	T 23
W24	12 6 54	3°37'23	14♐ 9	24°41	13°10	0°55	1°53	0°36	28°52	17°41	11°53	14° 2	12°48	11°32	13°20	W24
T 25	12 10 51	4°36'47	28°13	26°34	13°38	1°23	1°47	0°34	28°51	17°42	11°54	14° 0	12°45	11°39	13°17	T 25
F 26	12 14 47	5°36'09	11♑55	28°28	14° 5	1°52	1°42	0°33	28°49	17°43	11°55	14°D 0	12°42	11°45	13°14	F 26
S 27	12 18 44	6°35'30	25°17	0♈24	14°30	2°20	1°37	0°31	28°48	17°44	11°55	14° 1	12°39	11°52	13°11	S 27
S 28	12 22 41	7°34'48	8♒20	2°20	14°53	2°49	1°31	0°30	28°47	17°45	11°56	14°R 2	12°35	11°59	13° 8	S 28
M29	12 26 37	8°34'05	21° 7	4°18	15°14	3°17	1°26	0°28	28°46	17°46	11°57	14° 1	12°32	12° 5	13° 5	M29
T 30	12 30 34	9°33'20	3♓42	6°17	15°34	3°46	1°21	0°26	28°44	17°47	11°57	13°59	12°29	12°12	13° 2	T 30
W31	12 34 30	10♈32'33	16♓ 6	8♈18	15♉52	4♋15	1♍16	0♐24	28♏43	17♊48	11♊58	13♒55	12♒26	12♉19	12♏59	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	7s34	17s43	0s21	17s 8	1s30	13n 5	3n 0	25n39	2n30	11n 5	1n20	18s12	2n 9	19s44	0n14	21n29	1s24	12n 1	10s17	16s17	16s38	19n20	14s55	1n11
T 2	7 11	12 40	0n49	16 47	1 35	13 30	3 7	25 39	2 29	11 8	1 20	18 12	2 9	19 44	0 14	21 29	1 24	12 2	10 16	16 17	16 39	19 23	14 54	1 12
W 3	6 48	7 10	1 56	16 25	1 41	13 56	3 13	25 40	2 28	11 11	1 20	18 12	2 10	19 44	0 14	21 29	1 24	12 2	10 16	16 18	16 40	19 25	14 53	1 12
T 4	6 25	1 28	2 57	16 2	1 46	14 21	3 20	25 41	2 27	11 14	1 20	18 12	2 10	19 44	0 14	21 29	1 24	12 2	10 16	16 19	16 41	19 27	14 53	1 13
F 5	6 2	4n11	3 48	15 38	1 50	14 45	3 27	25 41	2 27	11 16	1 20	18 12	2 10	19 44	0 14	21 29	1 23	12 2	10 16	16 20	16 42	19 29	14 52	1 13
S 6	5 38	9 37	4 27	15 12	1 55	15 10	3 34	25 42	2 26	11 19	1 20	18 12	2 10	19 44	0 14	21 29	1 23	12 3	10 15	16 21	16 42	19 32	14 51	1 14
S 7	5 15	14 36	4 55	14 45	1 58	15 33	3 41	25 42	2 25	11 22	1 20	18 12	2 10	19 44	0 14	21 29	1 23	12 3	10 15	16 23	16 43	19 34	14 51	1 14
M 8	4 52	19 1	5 9	14 17	2 2	15 57	3 48	25 43	2 24	11 25	1 20	18 12	2 10	19 44	0 14	21 29	1 23	12 3	10 15	16 25	16 44	19 36	14 50	1 14
T 9	4 28	22 39	5 10	13 47	2 5	16 20	3 55	25 43	2 23	11 27	1 20	18 12	2 11	19 44	0 14	21 29	1 23	12 4	10 14	16 26	16 45	19 38	14 49	1 15
W10	4 5	25 21	4 58	13 16	2 8	16 43	4 2	25 43	2 23	11 30	1 20	18 11	2 11	19 43	0 14	21 29	1 23	12 4	10 14	16 27	16 46	19 41	14 48	1 15
T 11	3 41	26 57	4 33	12 44	2 10	17 5	4 9	25 44	2 22	11 33	1 20	18 11	2 11	19 43	0 14	21 29	1 23	12 4	10 14	16 28	16 47	19 43	14 47	1 16
F 12	3 18	27 18	3 55	12 11	2 12	17 27	4 16	25 44	2 21	11 35	1 20	18 11	2 11	19 43	0 14	21 30	1 23	12 4	10 14	16 28	16 48	19 45	14 46	1 16
S 13	2 54	26 18	3 6	11 36	2 13	17 48	4 23	25 44	2 20	11 38	1 20	18 11	2 11	19 43	0 14	21 30	1 23	12 5	10 13	16 27	16 49	19 47	14 45	1 17
S 14	2 30	23 57	2 7	11 0	2 14	18 9	4 29	25 44	2 20	11 40	1 20	18 11	2 11	19 43	0 14	21 30	1 23	12 5	10 13	16 27	16 50	19 50	14 44	1 17
M15	2 7	20 18	0 59	10 23	2 15	18 29	4 36	25 44	2 19	11 43	1 20	18 10	2 12	19 43	0 14	21 30	1 23	12 5	10 13	16 27	16 51	19 52	14 43	1 18
T 16	1 43	15 29	0s14	9 45	2 15	18 49	4 43	25 44	2 18	11 45	1 20	18 10	2 12	19 43	0 14	21 30	1 23	12 6	10 13	16 26	16 52	19 54	14 42	1 18
W17	1 19	9 43	1 28	9 5	2 14	19 8	4 50	25 43	2 17	11 48	1 20	18 10	2 12	19 43	0 14	21 30	1 23	12 6	10 12	16 27	16 52	19 56	14 41	1 19
T 18	0 56	3 18	2 39	8 25	2 14	19 27	4 56	25 43	2 17	11 50	1 20	18 9	2 12	19 42	0 14	21 30	1 23	12 6	10 12	16 28	16 53	19 58	14 40	1 19
F 19	0 32	3s25	3 41	7 43	2 12	19 45	5 3	25 43	2 16	11 52	1 20	18 9	2 12	19 42	0 14	21 30	1 23	12 7	10 12	16 29	16 54	20 0	14 39	1 19
S 20	0 8	10 3	4 28	7 0	2 11	20 2	5 9	25 42	2 15	11 54	1 20	18 9	2 12	19 42	0 14	21 30	1 23	12 7	10 12	16 31	16 55	20 3	14 38	1 20
S 21	0n16	16 9	4 58	6 15	2 8	20 19	5 16	25 42	2 14	11 57	1 20	18 8	2 13	19 42	0 14	21 31	1 23	12 7	10 11	16 33	16 56	20 5	14 37	1 20
M22	0 39	21 14	5 7	5 30	2 6	20 36	5 22	25 41	2 14	11 59	1 20	18 8	2 13	19 42	0 14	21 31	1 23	12 8	10 11	16 35	16 57	20 7	14 36	1 21
T 23	1 3	24 55	4 56	4 43	2 2	20 51	5 28	25 40	2 13	12 1	1 20	18 8	2 13	19 41	0 14	21 31	1 22	12 8	10 11	16 37	16 58	20 9	14 34	1 21
W24	1 26	26 55	4 26	3 56	1 59	21 6	5 34	25 39	2 12	12 3	1 20	18 7	2 13	19 41	0 14	21 31	1 22	12 8	10 11	16 38	16 59	20 11	14 33	1 22
T 25	1 50	27 7	3 41	3 7	1 54	21 21	5 40	25 38	2 12	12 5	1 19	18 7	2 13	19 41	0 14	21 31	1 22	12 8	10 10	16 38	17 0	20 13	14 32	1 22
F 26	2 14	25 38	2 44	2 17	1 50	21 35	5 46	25 37	2 11	12 7	1 19	18 6	2 13	19 41	0 14	21 31	1 22	12 9	10 10	16 38	17 1	20 16	14 31	1 23
S 27	2 37	22 43	1 39	1 26	1 44	21 48	5 52	25 36	2 10	12 9	1 19	18 6	2 14	19 41	0 14	21 31	1 22	12 9	10 10	16 38	17 1	20 18	14 29	1 23
S 28	3 1	18 41	0 31	0 35	1 38	22 0	5 57	25 35	2 9	12 10	1 19	18 5	2 14	19 40	0 14	21 31	1 22	12 9	10 10	16 38	17 2	20 20	14 28	1 24
M29	3 24	13 52	0n38	0n18	1 32	22 11	6 3	25 33	2 9	12 12	1 19	18 5	2 14	19 40	0 14	21 32	1 22	12 10	10 10	16 38	17 3	20 22	14 27	1 24
T 30	3 47	8 33	1 43	1 12	1 25	22 22	6 8	25 32	2 8	12 14	1 19	18 4	2 14	19 40	0 14	21 32	1 22	12 10	10 9	16 38	17 4	20 24	14 25	1 24
W31	4n11	2s59	2n43	2n 6	1s18	22n32	6n13	25n30	2n 7	12n15	1n19	18s 4	2n14	19s39	0n14	21n32	1s22	12n10	10s 9	16s40	17s 5	20n26	14s24	1n25

Julian Day Number = 2413984.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'15, Lahiri = 22°25'15

ASTRODIENST EPHEMERIS for the year 1897
geocentric

APRIL 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 27	11♈31'44	28♓21	10♈19	16♉ 7	4♋45	1°R12	0°R22	28°R42	17♊49	11♊59	13°R48	12♒23	12♉26	12°R55	T 1
F 2	12 42 23	12°30'53	10♈29	12°22	16°21	5°14	1♍ 7	0♐19	28♏40	17°50	12° 0	13♒38	12°20	12°32	12♏52	F 2
S 3	12 46 20	13°30'00	22°31	14°25	16°32	5°44	1° 3	0°17	28°39	17°51	12° 0	13°27	12°16	12°39	12°48	S 3
S 4	12 50 16	14°29'05	4♉27	16°29	16°41	6°13	0°59	0°15	28°37	17°52	12° 1	13°15	12°13	12°46	12°44	S 4
M 5	12 54 13	15°28'08	16°20	18°34	16°48	6°43	0°55	0°12	28°36	17°54	12° 2	13° 4	12°10	12°53	12°41	M 5
T 6	12 58 9	16°27'09	28°11	20°38	16°53	7°13	0°51	0°10	28°34	17°55	12° 3	12°53	12° 7	12°59	12°37	T 6
W 7	13 2 6	17°26'08	10♊ 3	22°44	16°R55	7°43	0°48	0° 7	28°33	17°56	12° 4	12°45	12° 4	13° 6	12°33	W 7
T 8	13 6 3	18°25'04	21°59	24°49	16°55	8°13	0°44	0° 4	28°31	17°57	12° 4	12°39	12° 0	13°13	12°29	T 8
F 9	13 9 59	19°23'58	4♋ 4	26°53	16°53	8°44	0°41	0° 2	28°29	17°59	12° 5	12°36	11°57	13°19	12°25	F 9
S 10	13 13 56	20°22'50	16°20	28°57	16°48	9°14	0°38	29♏59	28°27	18° 0	12° 6	12°D35	11°54	13°26	12°21	S 10
S 11	13 17 52	21°21'40	28°55	1♉ 0	16°41	9°45	0°35	29°56	28°26	18° 1	12° 7	12°35	11°51	13°33	12°17	S 11
M12	13 21 49	22°20'27	11♌52	3° 2	16°31	10°15	0°32	29°53	28°24	18° 3	12° 8	12°R35	11°48	13°40	12°13	M12
T 13	13 25 45	23°19'12	25°15	5° 2	16°18	10°46	0°30	29°50	28°22	18° 4	12° 9	12°34	11°45	13°46	12° 9	T 13
W14	13 29 42	24°17'55	9♍ 7	7° 0	16° 3	11°17	0°27	29°47	28°20	18° 6	12°10	12°32	11°41	13°53	12° 5	W14
T 15	13 33 38	25°16'35	23°29	8°56	15°46	11°48	0°25	29°43	28°18	18° 7	12°11	12°27	11°38	14° 0	12° 0	T 15
F 16	13 37 35	26°15'13	8♎17	10°49	15°27	12°19	0°23	29°40	28°16	18° 9	12°12	12°19	11°35	14° 7	11°56	F 16
S 17	13 41 32	27°13'50	23°25	12°39	15° 5	12°51	0°21	29°37	28°14	18°10	12°13	12°10	11°32	14°13	11°52	S 17
S 18	13 45 28	28°12'24	8♏42	14°26	14°40	13°22	0°20	29°33	28°12	18°12	12°14	11°59	11°29	14°20	11°47	S 18
M19	13 49 25	29°10'56	23°57	16° 9	14°14	13°53	0°18	29°30	28°10	18°13	12°15	11°49	11°26	14°27	11°43	M19
T 20	13 53 21	0♉ 9'27	9♐ 1	17°48	13°46	14°25	0°17	29°26	28° 8	18°15	12°16	11°40	11°22	14°33	11°39	T 20
W21	13 57 18	1° 7'57	23°43	19°24	13°16	14°57	0°16	29°23	28° 6	18°17	12°17	11°33	11°19	14°40	11°34	W21
T 22	14 1 14	2° 6'24	7♑59	20°55	12°44	15°28	0°15	29°19	28° 4	18°18	12°18	11°30	11°16	14°47	11°30	T 22
F 23	14 5 11	3° 4'50	21°48	22°22	12°10	16° 0	0°14	29°15	28° 1	18°20	12°19	11°28	11°13	14°54	11°25	F 23
S 24	14 9 7	4° 3'14	5♒10	23°45	11°36	16°32	0°14	29°12	27°59	18°22	12°21	11°27	11°10	15° 0	11°21	S 24
S 25	14 13 4	5° 1'37	18°10	25° 3	11° 0	17° 4	0°13	29° 8	27°57	18°23	12°22	11°27	11° 6	15° 7	11°16	S 25
M26	14 17 1	5°59'58	0♓49	26°16	10°23	17°36	0°D13	29° 4	27°55	18°25	12°23	11°26	11° 3	15°14	11°12	M26
T 27	14 20 57	6°58'18	13°14	27°25	9°46	18° 9	0°13	29° 0	27°53	18°27	12°24	11°23	11° 0	15°20	11° 7	T 27
W28	14 24 54	7°56'35	25°27	28°28	9° 9	18°41	0°14	28°56	27°50	18°29	12°25	11°18	10°57	15°27	11° 2	W28
T 29	14 28 50	8°54'52	7♈31	29°27	8°31	19°13	0°14	28°52	27°48	18°30	12°26	11° 9	10°54	15°34	10°58	T 29
F 30	14 32 47	9♉53'06	19♈30	0♊21	7♉53	19♋46	0♍15	28♏48	27♏46	18♊32	12♊27	10♒57	10♒51	15♉41	10♏53	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n34	2n37	3n34	3n 1	1s10	22n41	6n17	25n29	2n 7	12n17	1n19	18s 3	2n14	19s39	0n14	21n32	1s22	12n11	10s 9	16s42	17s 6	20n28	14s22	1n25
F 2	4 57	8 3	4 14	3 56	1 2	22 49	6 22	25 27	2 6	12 18	1 19	18 2	2 14	19 39	0 14	21 32	1 22	12 11	10 9	16 44	17 7	20 30	14 21	1 26
S 3	5 20	13 9	4 43	4 52	0 53	22 57	6 26	25 25	2 5	12 20	1 19	18 2	2 15	19 38	0 14	21 32	1 22	12 11	10 8	16 48	17 8	20 32	14 19	1 26
S 4	5 43	17 42	4 59	5 49	0 44	23 3	6 30	25 23	2 4	12 21	1 18	18 1	2 15	19 38	0 14	21 33	1 22	12 12	10 8	16 51	17 9	20 34	14 18	1 27
M 5	6 6	21 33	5 2	6 45	0 34	23 8	6 33	25 21	2 4	12 23	1 18	18 1	2 15	19 38	0 14	21 33	1 22	12 12	10 8	16 54	17 9	20 37	14 16	1 27
T 6	6 28	24 31	4 52	7 42	0 24	23 13	6 36	25 18	2 3	12 24	1 18	18 0	2 15	19 37	0 14	21 33	1 22	12 12	10 8	16 57	17 10	20 39	14 15	1 27
W 7	6 51	26 25	4 30	8 38	0 13	23 16	6 39	25 16	2 2	12 25	1 18	17 59	2 15	19 37	0 14	21 33	1 22	12 13	10 7	17 0	17 11	20 41	14 13	1 28
T 8	7 13	27 7	3 55	9 34	0 3	23 18	6 41	25 13	2 2	12 26	1 18	17 59	2 15	19 37	0 14	21 33	1 22	12 13	10 7	17 1	17 12	20 43	14 12	1 28
F 9	7 36	26 33	3 10	10 30	0n 8	23 19	6 43	25 11	2 1	12 27	1 18	17 58	2 15	19 36	0 14	21 33	1 22	12 13	10 7	17 2	17 13	20 45	14 10	1 29
S 10	7 58	24 41	2 15	11 25	0 19	23 19	6 44	25 8	2 0	12 28	1 18	17 57	2 15	19 36	0 14	21 33	1 22	12 14	10 7	17 3	17 14	20 47	14 8	1 29
S 11	8 20	21 34	1 12	12 18	0 30	23 18	6 45	25 5	2 0	12 29	1 18	17 56	2 15	19 36	0 14	21 34	1 22	12 14	10 7	17 3	17 15	20 49	14 7	1 30
M12	8 42	17 18	0 4	13 11	0 42	23 15	6 46	25 2	1 59	12 30	1 17	17 56	2 16	19 35	0 14	21 34	1 21	12 14	10 6	17 2	17 16	20 51	14 5	1 30
T 13	9 4	12 4	1s 7	14 2	0 53	23 11	6 45	24 59	1 58	12 31	1 17	17 55	2 16	19 35	0 14	21 34	1 21	12 15	10 6	17 3	17 17	20 53	14 3	1 30
W14	9 26	6 3	2 16	14 52	1 4	23 6	6 45	24 56	1 58	12 31	1 17	17 54	2 16	19 34	0 14	21 34	1 21	12 15	10 6	17 3	17 17	20 55	14 2	1 31
T 15	9 47	0s27	3 19	15 40	1 14	22 59	6 43	24 52	1 57	12 32	1 17	17 53	2 16	19 34	0 14	21 34	1 21	12 15	10 6	17 5	17 18	20 57	14 0	1 31
F 16	10 8	7 7	4 10	16 25	1 25	22 51	6 41	24 49	1 56	12 32	1 17	17 53	2 16	19 33	0 14	21 35	1 21	12 16	10 6	17 7	17 19	20 59	13 58	1 32
S 17	10 30	13 31	4 45	17 9	1 35	22 42	6 38	24 45	1 56	12 33	1 17	17 52	2 16	19 33	0 14	21 35	1 21	12 16	10 5	17 10	17 20	21 1	13 57	1 32
S 18	10 51	19 9	5 0	17 50	1 45	22 31	6 35	24 41	1 55	12 33	1 17	17 51	2 16	19 33	0 14	21 35	1 21	12 16	10 5	17 12	17 21	21 3	13 55	1 32
M19	11 11	23 31	4 54	18 29	1 54	22 19	6 30	24 37	1 54	12 34	1 16	17 50	2 16	19 32	0 14	21 35	1 21	12 16	10 5	17 15	17 22	21 5	13 53	1 33
T 20	11 32	26 13	4 28	19 6	2 2	22 6	6 26	24 33	1 54	12 34	1 16	17 49	2 16	19 32	0 14	21 35	1 21	12 17	10 5	17 18	17 23	21 7	13 52	1 33
W21	11 53	27 2	3 44	19 40	2 10	21 51	6 20	24 29	1 53	12 34	1 16	17 49	2 16	19 31	0 14	21 35	1 21	12 17	10 5	17 20	17 24	21 9	13 50	1 34
T 22	12 13	26 0	2 47	20 12	2 17	21 35	6 13	24 25	1 52	12 34	1 16	17 48	2 16	19 31	0 14	21 36	1 21	12 17	10 4	17 21	17 24	21 11	13 48	1 34
F 23	12 33	23 22	1 42	20 41	2 23	21 18	6 6	24 21	1 52	12 35	1 16	17 47	2 17	19 30	0 14	21 36	1 21	12 18	10 4	17 21	17 25	21 13	13 46	1 34
S 24	12 53	19 31	0 33	21 7	2 29	20 59	5 58	24 16	1 51	12 35	1 16	17 46	2 17	19 30	0 14	21 36	1 21	12 18	10 4	17 21	17 26	21 15	13 45	1 35
S 25	13 12	14 50	0n35	21 31	2 33	20 40	5 50	24 11	1 50	12 35	1 15	17 45	2 17	19 29	0 14	21 36	1 21	12 18	10 4	17 21	17 27	21 17	13 43	1 35
M26	13 32	9 37	1 40	21 52	2 37	20 19	5 40	24 6	1 50	12 35	1 15	17 44	2 17	19 29	0 14	21 36	1 21	12 19	10 4	17 22	17 28	21 19	13 41	1 35
T 27	13 51	4 9	2 39	22 11	2 40	19 58	5 30	24 2	1 49	12 34	1 15	17 43	2 17	19 28	0 14	21 37	1 21	12 19	10 4	17 22	17 29	21 21	13 39	1 36
W28	14 10	1n24	3 30	22 27	2 41	19 35	5 19	23 56	1 48	12 34	1 15	17 42	2 17	19 28	0 14	21 37	1 21	12 19	10 3	17 24	17 30	21 23	13 38	1 36
T 29	14 29	6 49	4 10	22 41	2 42	19 12	5 8	23 51	1 48	12 34	1 15	17 42	2 17	19 27	0 14	21 37	1 21	12 20	10 3	17 26	17 31	21 25	13 36	1 37
F 30	14n47	11n56	4n39	22n53	2n42	18n49	4n56	23n46	1n47	12n33	1n15	17s41	2n17	19s27	0n14	21n37	1s21	12n20	10s 3	17s30	17s31	21n27	13s34	1n37

Julian Day Number = 2414015.5, Delta T = -4.36 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'19, Lahiri = 22°25'20

ASTRODIENST EPHEMERIS for the year 1897
geocentric

MAY 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 43	10♉51'19	1♉25	1♊10	7°R16	20♋18	0♍15	28°R44	27°R43	18♊34	12♊29	10°R44	10♒47	15♉47	10°R49	S 1
S 2	14 40 40	11°49'31	13°18	1°54	6♉39	20°51	0°16	28♏39	27♏41	18°36	12°30	10♒30	10°44	15°54	10♏44	S 2
M 3	14 44 36	12°47'41	25° 9	2°32	6° 3	21°24	0°17	28°35	27°39	18°38	12°31	10°16	10°41	16° 1	10°39	M 3
T 4	14 48 33	13°45'49	7♊ 2	3° 6	5°28	21°56	0°19	28°31	27°36	18°40	12°32	10° 3	10°38	16° 8	10°35	T 4
W 5	14 52 30	14°43'55	18°56	3°34	4°54	22°29	0°20	28°27	27°34	18°42	12°34	9°52	10°35	16°14	10°30	W 5
T 6	14 56 26	15°41'59	0♋55	3°57	4°22	23° 2	0°22	28°22	27°31	18°44	12°35	9°45	10°31	16°21	10°26	T 6
F 7	15 0 23	16°40'02	13° 2	4°14	3°51	23°35	0°24	28°18	27°29	18°46	12°36	9°40	10°28	16°28	10°21	F 7
S 8	15 4 19	17°38'03	25°20	4°27	3°23	24° 8	0°26	28°14	27°26	18°48	12°37	9°38	10°25	16°34	10°17	S 8
S 9	15 8 16	18°36'02	7♌53	4°34	2°56	24°42	0°28	28° 9	27°24	18°50	12°39	9°D37	10°22	16°41	10°12	S 9
M10	15 12 12	19°33'59	20°46	4°R36	2°31	25°15	0°30	28° 5	27°21	18°52	12°40	9°R37	10°19	16°48	10° 8	M10
T 11	15 16 9	20°31'54	4♍ 3	4°33	2° 8	25°48	0°33	28° 1	27°19	18°54	12°41	9°37	10°16	16°55	10° 3	T 11
W12	15 20 5	21°29'47	17°48	4°26	1°47	26°22	0°36	27°56	27°17	18°56	12°42	9°34	10°12	17° 1	9°59	W12
T 13	15 24 2	22°27'38	2♎ 1	4°14	1°29	26°55	0°39	27°52	27°14	18°58	12°44	9°30	10° 9	17° 8	9°54	T 13
F 14	15 27 59	23°25'28	16°42	3°58	1°13	27°29	0°42	27°47	27°12	19° 0	12°45	9°23	10° 6	17°15	9°50	F 14
S 15	15 31 55	24°23'16	1♏44	3°37	1° 0	28° 2	0°45	27°43	27° 9	19° 2	12°46	9°14	10° 3	17°21	9°46	S 15
S 16	15 35 52	25°21'03	17° 1	3°14	0°49	28°36	0°48	27°38	27° 7	19° 4	12°48	9° 4	10° 0	17°28	9°41	S 16
M17	15 39 48	26°18'48	2♐21	2°47	0°40	29°10	0°52	27°34	27° 4	19° 6	12°49	8°54	9°57	17°35	9°37	M17
T 18	15 43 45	27°16'32	17°32	2°17	0°34	29°43	0°56	27°29	27° 2	19° 8	12°50	8°45	9°53	17°42	9°33	T 18
W19	15 47 41	28°14'15	2♑24	1°46	0°30	0♌17	1° 0	27°25	26°59	19°10	12°52	8°38	9°50	17°48	9°29	W19
T 20	15 51 38	29°11'56	16°51	1°12	0°D29	0°51	1° 4	27°20	26°57	19°12	12°53	8°34	9°47	17°55	9°25	T 20
F 21	15 55 35	0♊ 9'37	0♒49	0°38	0°29	1°25	1° 8	27°16	26°54	19°14	12°54	8°33	9°44	18° 2	9°20	F 21
S 22	15 59 31	1° 7'16	14°19	0° 4	0°33	1°59	1°12	27°12	26°52	19°16	12°56	8°D33	9°41	18° 9	9°16	S 22
S 23	16 3 28	2° 4'54	27°22	29♉30	0°38	2°33	1°17	27° 7	26°49	19°19	12°57	8°R33	9°37	18°15	9°12	S 23
M24	16 7 24	3° 2'31	10♓ 3	28°57	0°46	3° 7	1°22	27° 3	26°47	19°21	12°58	8°33	9°34	18°22	9° 9	M24
T 25	16 11 21	4° 0'08	22°25	28°25	0°56	3°41	1°26	26°58	26°44	19°23	13° 0	8°31	9°31	18°29	9° 5	T 25
W26	16 15 17	4°57'43	4♈34	27°55	1° 8	4°16	1°31	26°54	26°42	19°25	13° 1	8°27	9°28	18°35	9° 1	W26
T 27	16 19 14	5°55'18	16°34	27°27	1°22	4°50	1°37	26°49	26°39	19°27	13° 3	8°21	9°25	18°42	8°57	T 27
F 28	16 23 10	6°52'51	28°29	27° 3	1°38	5°24	1°42	26°45	26°37	19°30	13° 4	8°12	9°22	18°49	8°53	F 28
S 29	16 27 7	7°50'24	10♉20	26°41	1°56	5°59	1°47	26°41	26°34	19°32	13° 5	8° 2	9°18	18°56	8°50	S 29
S 30	16 31 3	8°47'56	22°12	26°24	2°16	6°33	1°53	26°36	26°32	19°34	13° 7	7°51	9°15	19° 2	8°46	S 30
M31	16 35 0	9♊45'26	4♊ 5	26♉10	2♉38	7♌ 8	1♍59	26♏32	26♏29	19♊36	13♊ 8	7♒40	9♒12	19♉ 9	8♏43	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	15n 6	16n35	4n55	23n 2	2n41	18n25	4n44	23n40	1n47	12n33	1n14	17s40	2n17	19s26	0n14	21n37	1s21	12n20	10s 3	17s33	17s32	21n29	13s32	1n37
S 2	15 24	20 35	4 59	23 8	2 38	18 0	4 31	23 35	1 46	12 33	1 14	17 39	2 17	19 26	0 14	21 37	1 21	12 20	10 3	17 37	17 33	21 30	13 31	1 38
M 3	15 41	23 45	4 49	23 12	2 35	17 36	4 18	23 29	1 45	12 32	1 14	17 38	2 17	19 25	0 14	21 38	1 21	12 21	10 3	17 41	17 34	21 32	13 29	1 38
T 4	15 59	25 53	4 27	23 14	2 30	17 11	4 4	23 23	1 45	12 31	1 14	17 37	2 17	19 25	0 14	21 38	1 21	12 21	10 3	17 44	17 35	21 34	13 27	1 38
W 5	16 16	26 52	3 53	23 14	2 24	16 47	3 50	23 17	1 44	12 31	1 14	17 36	2 17	19 24	0 14	21 38	1 21	12 21	10 2	17 47	17 36	21 36	13 25	1 39
T 6	16 33	26 36	3 9	23 12	2 17	16 22	3 36	23 11	1 43	12 30	1 14	17 35	2 17	19 23	0 14	21 38	1 21	12 22	10 2	17 49	17 37	21 38	13 24	1 39
F 7	16 50	25 4	2 16	23 7	2 9	15 58	3 22	23 5	1 43	12 29	1 13	17 34	2 17	19 23	0 14	21 38	1 21	12 22	10 2	17 51	17 37	21 40	13 22	1 39
S 8	17 6	22 19	1 15	23 1	2 0	15 35	3 7	22 58	1 42	12 28	1 13	17 33	2 17	19 22	0 14	21 39	1 21	12 22	10 2	17 51	17 38	21 42	13 20	1 40
S 9	17 22	18 27	0 9	22 52	1 50	15 12	2 53	22 52	1 42	12 27	1 13	17 32	2 17	19 22	0 14	21 39	1 20	12 22	10 2	17 51	17 39	21 44	13 18	1 40
M10	17 38	13 39	0s59	22 41	1 38	14 50	2 39	22 45	1 41	12 26	1 13	17 31	2 17	19 21	0 14	21 39	1 20	12 23	10 2	17 51	17 40	21 46	13 17	1 40
T 11	17 54	8 5	2 5	22 28	1 26	14 29	2 24	22 38	1 40	12 25	1 13	17 30	2 17	19 21	0 14	21 39	1 20	12 23	10 2	17 51	17 41	21 48	13 15	1 40
W12	18 9	1 57	3 7	22 14	1 12	14 8	2 10	22 32	1 40	12 24	1 13	17 29	2 17	19 20	0 14	21 39	1 20	12 23	10 2	17 52	17 42	21 49	13 13	1 41
T 13	18 24	4s28	4 0	21 57	0 58	13 48	1 56	22 24	1 39	12 23	1 12	17 28	2 17	19 20	0 14	21 40	1 20	12 24	10 1	17 53	17 43	21 51	13 12	1 41
F 14	18 38	10 51	4 38	21 39	0 43	13 30	1 42	22 17	1 38	12 22	1 12	17 27	2 17	19 19	0 14	21 40	1 20	12 24	10 1	17 55	17 43	21 53	13 10	1 41
S 15	18 53	16 45	4 59	21 20	0 27	13 12	1 28	22 10	1 38	12 20	1 12	17 26	2 17	19 18	0 14	21 40	1 20	12 24	10 1	17 57	17 44	21 55	13 8	1 42
S 16	19 7	21 42	4 58	20 59	0 10	12 56	1 15	22 2	1 37	12 19	1 12	17 25	2 17	19 18	0 14	21 40	1 20	12 24	10 1	18 0	17 45	21 57	13 7	1 42
M17	19 20	25 10	4 37	20 37	0s 7	12 40	1 1	21 55	1 37	12 18	1 12	17 24	2 17	19 17	0 14	21 40	1 20	12 25	10 1	18 3	17 46	21 59	13 5	1 42
T 18	19 34	26 47	3 56	20 14	0 24	12 26	0 48	21 47	1 36	12 16	1 12	17 23	2 17	19 17	0 14	21 41	1 20	12 25	10 1	18 5	17 47	22 0	13 4	1 43
W19	19 47	26 25	2 59	19 51	0 41	12 13	0 36	21 39	1 35	12 15	1 12	17 22	2 17	19 16	0 14	21 41	1 20	12 25	10 1	18 7	17 48	22 2	13 2	1 43
T 20	19 59	24 15	1 52	19 27	0 59	12 1	0 24	21 31	1 35	12 13	1 11	17 22	2 17	19 16	0 14	21 41	1 20	12 25	10 1	18 8	17 49	22 4	13 0	1 43
F 21	20 12	20 39	0 41	19 3	1 16	11 50	0 12	21 23	1 34	12 11	1 11	17 21	2 17	19 15	0 14	21 41	1 20	12 26	10 1	18 8	17 49	22 6	12 59	1 43
S 22	20 24	16 3	0n31	18 39	1 34	11 40	0 0	21 15	1 34	12 10	1 11	17 20	2 17	19 15	0 14	21 41	1 20	12 26	10 1	18 8	17 50	22 8	12 57	1 44
S 23	20 35	10 51	1 38	18 16	1 50	11 32	0s11	21 7	1 33	12 8	1 11	17 19	2 16	19 14	0 14	21 42	1 20	12 26	10 0	18 8	17 51	22 9	12 56	1 44
M24	20 47	5 21	2 39	17 53	2 6	11 24	0 22	20 58	1 32	12 6	1 11	17 18	2 16	19 13	0 14	21 42	1 20	12 26	10 0	18 8	17 52	22 11	12 54	1 44
T 25	20 58	0n13	3 31	17 31	2 22	11 18	0 32	20 50	1 32	12 4	1 11	17 17	2 16	19 13	0 14	21 42	1 20	12 27	10 0	18 9	17 53	22 13	12 53	1 44
W26	21 8	5 41	4 12	17 10	2 36	11 13	0 42	20 41	1 31	12 2	1 10	17 16	2 16	19 12	0 14	21 42	1 20	12 27	10 0	18 10	17 54	22 15	12 51	1 45
T 27	21 18	10 51	4 42	16 51	2 50	11 9	0 52	20 32	1 31	12 0	1 10	17 15	2 16	19 12	0 14	21 42	1 20	12 27	10 0	18 11	17 55	22 17	12 50	1 45
F 28	21 28	15 35	4 59	16 33	3 2	11 5	1 2	20 23	1 30	11 58	1 10	17 14	2 16	19 11	0 14	21 42	1 20	12 27	10 0	18 14	17 55	22 18	12 49	1 45
S 29	21 38	19 43	5 3	16 17	3 14	11 3	1 11	20 14	1 30	11 56	1 10	17 13	2 16	19 11	0 14	21 43	1 20	12 27	10 0	18 16	17 56	22 20	12 47	1 45
S 30	21 47	23 4	4 54	16 3	3 24	11 2	1 19	20 5	1 29	11 54	1 10	17 12	2 16	19 10	0 14	21 43	1 20	12 28	10 0	18 19	17 57	22 22	12 46	1 46
M31	21n56	25n26	4n32	15n51	3s33	11n 1	1s27	19n55	1n28	11n52	1n10	17s11	2n16	19s 9	0n14	21n43	1s20	12n28	10s 0	18s22	17s58	22n24	12s45	1n46

Julian Day Number = 2414045.5, Delta T = -4.31 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'23, Lahiri = 22°25'24

ASTRODIENST EPHEMERIS for the year 1897
geocentric

JUNE 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 57	10♊42'56	16♊ 1	26°R 0	3♉ 1	7♌42	2♍ 5	26°R28	26°R27	19♊38	13♊ 9	7°R30	9♒ 9	19♉16	8°R39	T 1
W 2	16 42 53	11°40'25	28° 2	25♉54	3°26	8°17	2°11	26♏23	26♏25	19°41	13°11	7♒22	9° 6	19°22	8♏36	W 2
T 3	16 46 50	12°37'53	10♋10	25°D53	3°53	8°52	2°17	26°19	26°22	19°43	13°12	7°16	9° 3	19°29	8°33	T 3
F 4	16 50 46	13°35'20	22°25	25°56	4°21	9°27	2°23	26°15	26°20	19°45	13°14	7°13	8°59	19°36	8°30	F 4
S 5	16 54 43	14°32'45	4♌51	26° 4	4°50	10° 1	2°30	26°11	26°17	19°47	13°15	7°D11	8°56	19°43	8°27	S 5
S 6	16 58 39	15°30'10	17°31	26°16	5°21	10°36	2°37	26° 7	26°15	19°50	13°16	7°12	8°53	19°49	8°23	S 6
M 7	17 2 36	16°27'33	0♍28	26°33	5°54	11°11	2°43	26° 3	26°13	19°52	13°18	7°13	8°50	19°56	8°21	M 7
T 8	17 6 33	17°24'56	13°44	26°54	6°27	11°46	2°50	25°59	26°11	19°54	13°19	7°R14	8°47	20° 3	8°18	T 8
W 9	17 10 29	18°22'17	27°23	27°19	7° 2	12°21	2°57	25°55	26° 8	19°56	13°20	7°13	8°43	20°10	8°15	W 9
T 10	17 14 26	19°19'37	11♎26	27°49	7°39	12°56	3° 4	25°51	26° 6	19°58	13°22	7°11	8°40	20°16	8°12	T 10
F 11	17 18 22	20°16'56	25°53	28°23	8°16	13°31	3°12	25°47	26° 4	20° 1	13°23	7° 7	8°37	20°23	8°10	F 11
S 12	17 22 19	21°14'14	10♏40	29° 2	8°55	14° 7	3°19	25°43	26° 2	20° 3	13°25	7° 2	8°34	20°30	8° 7	S 12
S 13	17 26 15	22°11'32	25°41	29°44	9°34	14°42	3°27	25°39	25°59	20° 5	13°26	6°56	8°31	20°36	8° 5	S 13
M14	17 30 12	23° 8'48	10♐48	0♊31	10°15	15°17	3°34	25°36	25°57	20° 7	13°27	6°49	8°28	20°43	8° 2	M14
T 15	17 34 8	24° 6'04	25°50	1°21	10°57	15°52	3°42	25°32	25°55	20°10	13°29	6°43	8°24	20°50	8° 0	T 15
W16	17 38 5	25° 3'20	10♑39	2°15	11°39	16°28	3°50	25°28	25°53	20°12	13°30	6°39	8°21	20°57	7°58	W16
T 17	17 42 2	26° 0'35	25° 7	3°14	12°23	17° 3	3°58	25°25	25°51	20°14	13°31	6°37	8°18	21° 3	7°56	T 17
F 18	17 45 58	26°57'50	9♒ 9	4°15	13° 7	17°39	4° 6	25°21	25°49	20°16	13°33	6°D37	8°15	21°10	7°54	F 18
S 19	17 49 55	27°55'04	22°44	5°21	13°53	18°14	4°14	25°18	25°47	20°19	13°34	6°38	8°12	21°17	7°52	S 19
S 20	17 53 51	28°52'18	5♓53	6°30	14°39	18°50	4°23	25°15	25°45	20°21	13°35	6°39	8° 9	21°23	7°50	S 20
M21	17 57 48	29°49'32	18°38	7°43	15°26	19°25	4°31	25°11	25°43	20°23	13°37	6°40	8° 5	21°30	7°49	M21
T 22	18 1 44	0♋46'46	1♈ 4	9° 0	16°14	20° 1	4°40	25° 8	25°41	20°25	13°38	6°R41	8° 2	21°37	7°47	T 22
W23	18 5 41	1°43'59	13°14	10°20	17° 3	20°36	4°48	25° 5	25°39	20°27	13°39	6°40	7°59	21°44	7°46	W23
T 24	18 9 37	2°41'13	25°14	11°43	17°52	21°12	4°57	25° 2	25°38	20°30	13°41	6°38	7°56	21°50	7°44	T 24
F 25	18 13 34	3°38'27	7♉ 8	13°10	18°42	21°48	5° 6	24°59	25°36	20°32	13°42	6°34	7°53	21°57	7°43	F 25
S 26	18 17 31	4°35'40	18°59	14°40	19°33	22°24	5°15	24°56	25°34	20°34	13°43	6°30	7°49	22° 4	7°42	S 26
S 27	18 21 27	5°32'54	0♊52	16°14	20°24	23° 0	5°24	24°53	25°32	20°36	13°45	6°24	7°46	22°11	7°41	S 27
M28	18 25 24	6°30'08	12°49	17°51	21°16	23°36	5°33	24°50	25°31	20°38	13°46	6°19	7°43	22°17	7°40	M28
T 29	18 29 20	7°27'21	24°51	19°31	22° 8	24°12	5°43	24°48	25°29	20°41	13°47	6°14	7°40	22°24	7°39	T 29
W30	18 33 17	8♋24'35	7♋ 2	21♊14	23♉ 2	24♌48	5♍52	24♏45	25♏27	20♊43	13♊49	6♒11	7♒37	22♉31	7♏38	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	22n 4	26n40	3n58	15n41	3s41	11n 2	1s35	19n46	1n28	11n49	1n 9	17s11	2n16	19s 9	0n14	21n43	1s20	12n28	10s 0	18s24	17s59	22n25	12s43	1n46	T 1
W 2	22 12	26 40	3 14	15 33	3 48	11 3	1 43	19 36	1 27	11 47	1 9	17 10	2 16	19 8	0 14	21 43	1 20	12 28	10 0	18 27	18 0	22 27	12 42	1 46	W 2
T 3	22 20	25 23	2 20	15 28	3 53	11 5	1 50	19 27	1 27	11 45	1 9	17 9	2 15	19 8	0 14	21 44	1 20	12 28	10 0	18 28	18 0	22 29	12 41	1 46	T 3
F 4	22 27	22 53	1 18	15 24	3 57	11 8	1 57	19 17	1 26	11 42	1 9	17 8	2 15	19 7	0 14	21 44	1 20	12 29	10 0	18 29	18 1	22 30	12 40	1 47	F 4
S 5	22 33	19 16	0 13	15 23	4 1	11 12	2 4	19 7	1 25	11 40	1 9	17 7	2 15	19 7	0 14	21 44	1 20	12 29	10 0	18 29	18 2	22 32	12 38	1 47	S 5
S 6	22 40	14 43	0s55	15 24	4 2	11 16	2 10	18 57	1 25	11 37	1 9	17 6	2 15	19 6	0 14	21 44	1 20	12 29	10 0	18 29	18 3	22 34	12 37	1 47	S 6
M 7	22 46	9 25	2 2	15 27	4 3	11 21	2 16	18 47	1 24	11 35	1 9	17 5	2 15	19 6	0 14	21 44	1 20	12 29	10 0	18 29	18 4	22 36	12 36	1 47	M 7
T 8	22 51	3 34	3 4	15 32	4 3	11 27	2 22	18 36	1 24	11 32	1 8	17 5	2 15	19 5	0 14	21 45	1 20	12 29	10 0	18 29	18 5	22 37	12 35	1 47	T 8
W 9	22 57	2s35	3 57	15 39	4 2	11 33	2 27	18 26	1 23	11 29	1 8	17 4	2 15	19 5	0 14	21 45	1 20	12 30	10 0	18 29	18 5	22 39	12 34	1 48	W 9
T 10	23 1	8 47	4 38	15 47	4 0	11 40	2 32	18 16	1 23	11 27	1 8	17 3	2 15	19 4	0 14	21 45	1 20	12 30	10 0	18 29	18 6	22 41	12 33	1 48	T 10
F 11	23 6	14 41	5 2	15 58	3 57	11 48	2 37	18 5	1 22	11 24	1 8	17 2	2 14	19 4	0 14	21 45	1 20	12 30	10 0	18 30	18 7	22 42	12 32	1 48	F 11
S 12	23 10	19 54	5 7	16 10	3 53	11 55	2 42	17 54	1 21	11 21	1 8	17 2	2 14	19 3	0 14	21 45	1 20	12 30	10 0	18 32	18 8	22 44	12 31	1 48	S 12
S 13	23 13	23 55	4 52	16 23	3 48	12 4	2 46	17 43	1 21	11 18	1 8	17 1	2 14	19 3	0 14	21 45	1 20	12 30	10 0	18 33	18 9	22 46	12 30	1 48	S 13
M14	23 17	26 18	4 16	16 38	3 43	12 13	2 50	17 32	1 20	11 15	1 8	17 0	2 14	19 2	0 14	21 46	1 20	12 30	9 59	18 35	18 10	22 47	12 29	1 49	M14
T 15	23 19	26 46	3 22	16 55	3 36	12 22	2 53	17 21	1 20	11 12	1 8	16 59	2 14	19 2	0 14	21 46	1 20	12 31	9 59	18 36	18 10	22 49	12 28	1 49	T 15
W16	23 22	25 17	2 16	17 12	3 29	12 32	2 57	17 10	1 19	11 9	1 7	16 59	2 14	19 1	0 14	21 46	1 20	12 31	9 59	18 37	18 11	22 51	12 27	1 49	W16
T 17	23 24	22 8	1 2	17 31	3 22	12 42	3 0	16 59	1 18	11 6	1 7	16 58	2 13	19 1	0 14	21 46	1 20	12 31	9 59	18 38	18 12	22 52	12 27	1 49	T 17
F 18	23 25	17 45	0n14	17 50	3 14	12 53	3 3	16 47	1 18	11 3	1 7	16 57	2 13	19 0	0 14	21 46	1 20	12 31	10 0	18 38	18 13	22 54	12 26	1 49	F 18
S 19	23 26	12 35	1 27	18 10	3 5	13 3	3 6	16 36	1 17	11 0	1 7	16 57	2 13	19 0	0 14	21 46	1 20	12 31	10 0	18 38	18 14	22 55	12 25	1 49	S 19
S 20	23 27	7 0	2 32	18 31	2 56	13 14	3 8	16 24	1 17	10 57	1 7	16 56	2 13	18 59	0 13	21 47	1 20	12 31	10 0	18 37	18 15	22 57	12 24	1 50	S 20
M21	23 27	1 18	3 29	18 53	2 46	13 26	3 11	16 13	1 16	10 54	1 7	16 56	2 13	18 59	0 13	21 47	1 20	12 32	10 0	18 37	18 15	22 59	12 24	1 50	M21
T 22	23 27	4n18	4 13	19 15	2 36	13 37	3 13	16 1	1 16	10 50	1 7	16 55	2 12	18 59	0 13	21 47	1 20	12 32	10 0	18 37	18 16	23 0	12 23	1 50	T 22
W23	23 27	9 37	4 46	19 37	2 25	13 49	3 15	15 49	1 15	10 47	1 7	16 54	2 12	18 58	0 13	21 47	1 20	12 32	10 0	18 37	18 17	23 2	12 22	1 50	W23
T 24	23 26	14 30	5 5	20 0	2 14	14 1	3 16	15 37	1 14	10 44	1 6	16 54	2 12	18 58	0 13	21 47	1 20	12 32	10 0	18 38	18 18	23 3	12 22	1 50	T 24
F 25	23 24	18 48	5 11	20 22	2 3	14 13	3 18	15 25	1 14	10 40	1 6	16 53	2 12	18 57	0 13	21 47	1 20	12 32	10 0	18 38	18 19	23 5	12 21	1 50	F 25
S 26	23 22	22 21	5 4	20 44	1 51	14 26	3 19	15 13	1 13	10 37	1 6	16 53	2 12	18 57	0 13	21 47	1 20	12 32	10 0	18 40	18 19	23 7	12 21	1 50	S 26
S 27	23 20	24 58	4 44	21 6	1 39	14 38	3 20	15 0	1 13	10 34	1 6	16 52	2 12	18 56	0 13	21 48	1 20	12 32	10 0	18 41	18 20	23 8	12 20	1 51	S 27
M28	23 18	26 30	4 11	21 27	1 27	14 51	3 21	14 48	1 12	10 30	1 6	16 52	2 11	18 56	0 13	21 48	1 20	12 32	10 0	18 42	18 21	23 10	12 20	1 51	M28
T 29	23 15	26 48	3 27	21 48	1 15	15 4	3 22	14 36	1 12	10 27	1 6	16 51	2 11	18 56	0 13	21 48	1 20	12 32	10 0	18 43	18 22	23 11	12 19	1 51	T 29
W30	23n11	25n48	2n33	22n 7	1s 3	15n16	3s23	14n23	1n11	10n23	1n 6	16s51	2n11	18s55	0n13	21n48	1s20	12n33	10s 0	18s44	18s23	23n13	12s19	1n51	W30

Julian Day Number = 2414076.5, Delta T = -4.26 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'28, Lahiri = 22°25'28

ASTRODIENST EPHEMERIS for the year 1897
geocentric

JULY 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 13	9♋21'48	19♋22	23♊ 0	23♌55	25♌24	6♍ 2	24°R42	25°R26	20♊45	13♊50	6°R 8	7♒34	22♌37	7°R38	T 1
F 2	18 41 10	10°19'02	1♌52	24°50	24°49	26° 0	6°11	24♏40	25♏24	20°47	13°51	6°D 7	7°30	22°44	7♏37	F 2
S 3	18 45 6	11°16'15	14°35	26°42	25°44	26°36	6°21	24°37	25°23	20°49	13°52	6♒ 7	7°27	22°51	7°37	S 3
S 4	18 49 3	12°13'28	27°30	28°37	26°39	27°12	6°31	24°35	25°21	20°51	13°54	6° 8	7°24	22°58	7°37	S 4
M 5	18 53 0	13°10'41	10♍39	0♋34	27°35	27°48	6°41	24°33	25°20	20°53	13°55	6°10	7°21	23° 4	7°36	M 5
T 6	18 56 56	14° 7'53	24° 5	2°34	28°31	28°25	6°51	24°31	25°18	20°55	13°56	6°11	7°18	23°11	7°D36	T 6
W 7	19 0 53	15° 5'06	7♎46	4°36	29°27	29° 1	7° 1	24°29	25°17	20°58	13°57	6°12	7°15	23°18	7°36	W 7
T 8	19 4 49	16° 2'18	21°45	6°40	0♊24	29°37	7°11	24°27	25°16	21° 0	13°59	6°R12	7°11	23°24	7°36	T 8
F 9	19 8 46	16°59'30	6♏ 0	8°46	1°22	0♍14	7°21	24°25	25°15	21° 2	14° 0	6°11	7° 8	23°31	7°37	F 9
S 10	19 12 42	17°56'42	20°29	10°52	2°20	0°50	7°31	24°23	25°13	21° 4	14° 1	6°10	7° 5	23°38	7°37	S 10
S 11	19 16 39	18°53'54	5♐ 8	13° 0	3°18	1°27	7°42	24°22	25°12	21° 6	14° 2	6° 8	7° 2	23°45	7°37	S 11
M12	19 20 36	19°51'07	19°51	15° 9	4°17	2° 3	7°52	24°20	25°11	21° 8	14° 3	6° 6	6°59	23°51	7°38	M12
T 13	19 24 32	20°48'19	4♑31	17°18	5°15	2°40	8° 3	24°18	25°10	21°10	14° 4	6° 4	6°55	23°58	7°38	T 13
W14	19 28 29	21°45'32	19° 2	19°27	6°15	3°16	8°13	24°17	25° 9	21°12	14° 6	6° 3	6°52	24° 5	7°39	W14
T 15	19 32 25	22°42'45	3♒18	21°35	7°15	3°53	8°24	24°16	25° 8	21°14	14° 7	6°D 2	6°49	24°11	7°40	T 15
F 16	19 36 22	23°39'58	17°13	23°44	8°15	4°30	8°35	24°14	25° 7	21°16	14° 8	6° 2	6°46	24°18	7°41	F 16
S 17	19 40 18	24°37'12	0♓46	25°52	9°15	5° 6	8°46	24°13	25° 6	21°18	14° 9	6° 3	6°43	24°25	7°42	S 17
S 18	19 44 15	25°34'26	13°56	27°59	10°16	5°43	8°57	24°12	25° 5	21°20	14°10	6° 4	6°40	24°32	7°43	S 18
M19	19 48 11	26°31'41	26°44	0♌ 4	11°17	6°20	9° 8	24°11	25° 5	21°22	14°11	6° 5	6°36	24°38	7°45	M19
T 20	19 52 8	27°28'57	9♈13	2° 9	12°18	6°57	9°19	24°10	25° 4	21°23	14°12	6° 6	6°33	24°45	7°46	T 20
W21	19 56 5	28°26'14	21°26	4°13	13°20	7°34	9°30	24°10	25° 3	21°25	14°13	6° 6	6°30	24°52	7°47	W21
T 22	20 0 1	29°23'31	3♉28	6°15	14°22	8°11	9°41	24° 9	25° 3	21°27	14°14	6°R 6	6°27	24°58	7°49	T 22
F 23	20 3 58	0♌20'50	15°23	8°15	15°24	8°48	9°52	24° 8	25° 2	21°29	14°15	6° 6	6°24	25° 5	7°51	F 23
S 24	20 7 54	1°18'09	27°15	10°14	16°26	9°25	10° 4	24° 8	25° 2	21°31	14°16	6° 5	6°21	25°12	7°53	S 24
S 25	20 11 51	2°15'30	9♊ 9	12°12	17°29	10° 2	10°15	24° 8	25° 1	21°33	14°17	6° 5	6°17	25°19	7°54	S 25
M26	20 15 47	3°12'51	21°10	14° 8	18°32	10°39	10°27	24° 7	25° 1	21°34	14°18	6° 4	6°14	25°25	7°56	M26
T 27	20 19 44	4°10'13	3♋19	16° 2	19°35	11°16	10°38	24° 7	25° 0	21°36	14°19	6° 4	6°11	25°32	7°59	T 27
W28	20 23 40	5° 7'36	15°39	17°54	20°39	11°53	10°50	24°D 7	25° 0	21°38	14°20	6° 4	6° 8	25°39	8° 1	W28
T 29	20 27 37	6° 5'00	28°14	19°45	21°42	12°31	11° 1	24° 7	25° 0	21°40	14°21	6°D 4	6° 5	25°46	8° 3	T 29
F 30	20 31 34	7° 2'25	11♌ 2	21°34	22°46	13° 8	11°13	24° 7	24°59	21°41	14°22	6°R 4	6° 1	25°52	8° 6	F 30
S 31	20 35 30	7♌59'50	24♌ 6	23♌22	23♊51	13♍45	11♍25	24♏ 7	24♏59	21♊43	14♊23	6♒ 4	5♒58	25♌59	8♏ 8	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	23n 7	23n33	1n31	22n26	0s50	15n29	3s23	14n10	1n11	10n19	1n 6	16s51	2n11	18s55	0n13	21n48	1s20	12n33	10s 0	18s45	18s23	23n14	12s19	1n51
F 2	23 3	20 8	0 23	22 43	0 38	15 42	3 23	13 58	1 10	10 16	1 6	16 50	2 10	18 55	0 13	21 48	1 20	12 33	10 0	18 45	18 24	23 16	12 18	1 51
S 3	22 59	15 44	0s46	22 59	0 26	15 55	3 23	13 45	1 9	10 12	1 5	16 50	2 10	18 54	0 13	21 48	1 20	12 33	10 0	18 45	18 25	23 17	12 18	1 51
S 4	22 53	10 33	1 55	23 13	0 14	16 7	3 23	13 32	1 9	10 8	1 5	16 50	2 10	18 54	0 13	21 49	1 20	12 33	10 0	18 45	18 26	23 19	12 18	1 51
M 5	22 48	4 49	2 59	23 25	0 3	16 20	3 23	13 19	1 8	10 5	1 5	16 49	2 10	18 54	0 13	21 49	1 20	12 33	10 0	18 45	18 27	23 20	12 18	1 52
T 6	22 42	1s14	3 54	23 35	0n 9	16 33	3 23	13 6	1 8	10 1	1 5	16 49	2 10	18 53	0 13	21 49	1 20	12 33	10 0	18 44	18 28	23 22	12 18	1 52
W 7	22 36	7 20	4 37	23 42	0 20	16 45	3 22	12 52	1 7	9 57	1 5	16 49	2 9	18 53	0 13	21 49	1 20	12 33	10 0	18 44	18 28	23 23	12 18	1 52
T 8	22 29	13 12	5 5	23 47	0 30	16 58	3 22	12 39	1 7	9 53	1 5	16 48	2 9	18 53	0 13	21 49	1 20	12 33	10 0	18 44	18 29	23 25	12 17	1 52
F 9	22 22	18 29	5 15	23 50	0 40	17 10	3 21	12 26	1 6	9 49	1 5	16 48	2 9	18 52	0 13	21 49	1 20	12 33	10 0	18 44	18 30	23 26	12 17	1 52
S 10	22 15	22 47	5 5	23 50	0 50	17 22	3 20	12 12	1 5	9 45	1 5	16 48	2 9	18 52	0 13	21 49	1 20	12 33	10 0	18 45	18 31	23 28	12 17	1 52
S 11	22 7	25 41	4 36	23 47	0 59	17 35	3 19	11 59	1 5	9 41	1 5	16 48	2 8	18 52	0 13	21 50	1 20	12 33	10 1	18 45	18 32	23 29	12 17	1 52
M12	21 59	26 51	3 48	23 42	1 7	17 46	3 18	11 45	1 4	9 37	1 5	16 48	2 8	18 52	0 13	21 50	1 20	12 33	10 1	18 46	18 32	23 31	12 18	1 52
T 13	21 51	26 8	2 45	23 34	1 14	17 58	3 16	11 31	1 4	9 33	1 5	16 47	2 8	18 51	0 13	21 50	1 20	12 33	10 1	18 46	18 33	23 32	12 18	1 53
W14	21 42	23 38	1 33	23 23	1 21	18 10	3 15	11 18	1 3	9 29	1 4	16 47	2 8	18 51	0 13	21 50	1 20	12 33	10 1	18 46	18 34	23 34	12 18	1 53
T 15	21 32	19 41	0 15	23 9	1 27	18 21	3 13	11 4	1 3	9 25	1 4	16 47	2 7	18 51	0 13	21 50	1 20	12 33	10 1	18 46	18 35	23 35	12 18	1 53
F 16	21 23	14 42	1n 1	22 53	1 32	18 32	3 12	10 50	1 2	9 21	1 4	16 47	2 7	18 51	0 13	21 50	1 20	12 34	10 1	18 46	18 36	23 37	12 18	1 53
S 17	21 13	9 8	2 13	22 34	1 37	18 43	3 10	10 36	1 2	9 17	1 4	16 47	2 7	18 51	0 13	21 50	1 20	12 34	10 1	18 46	18 36	23 38	12 18	1 53
S 18	21 2	3 20	3 15	22 13	1 40	18 54	3 8	10 22	1 1	9 13	1 4	16 47	2 7	18 50	0 13	21 50	1 20	12 34	10 1	18 46	18 37	23 40	12 19	1 53
M19	20 52	2n27	4 5	21 50	1 43	19 4	3 6	10 8	1 0	9 8	1 4	16 47	2 7	18 50	0 13	21 50	1 20	12 34	10 1	18 46	18 38	23 41	12 19	1 53
T 20	20 41	7 59	4 43	21 24	1 46	19 15	3 4	9 54	1 0	9 4	1 4	16 47	2 6	18 50	0 13	21 51	1 20	12 34	10 1	18 46	18 39	23 42	12 19	1 53
W21	20 29	13 6	5 6	20 57	1 47	19 24	3 2	9 39	0 59	9 0	1 4	16 47	2 6	18 50	0 13	21 51	1 20	12 34	10 2	18 46	18 40	23 44	12 20	1 53
T 22	20 17	17 38	5 16	20 28	1 48	19 34	2 59	9 25	0 59	8 56	1 4	16 47	2 6	18 50	0 13	21 51	1 20	12 34	10 2	18 46	18 40	23 45	12 20	1 53
F 23	20 5	21 26	5 13	19 57	1 48	19 43	2 57	9 11	0 58	8 51	1 4	16 47	2 6	18 50	0 13	21 51	1 20	12 34	10 2	18 46	18 41	23 47	12 21	1 53
S 24	19 53	24 21	4 55	19 24	1 47	19 52	2 55	8 56	0 58	8 47	1 4	16 48	2 5	18 50	0 13	21 51	1 20	12 34	10 2	18 46	18 42	23 48	12 21	1 54
S 25	19 40	26 13	4 26	18 51	1 46	20 0	2 52	8 42	0 57	8 43	1 4	16 48	2 5	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 43	23 49	12 22	1 54
M26	19 27	26 53	3 44	18 16	1 44	20 9	2 49	8 27	0 56	8 38	1 4	16 48	2 5	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 44	23 51	12 22	1 54
T 27	19 14	26 16	2 52	17 40	1 42	20 16	2 47	8 12	0 56	8 34	1 4	16 48	2 5	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 44	23 52	12 23	1 54
W28	19 0	24 22	1 51	17 2	1 39	20 24	2 44	7 58	0 55	8 29	1 3	16 48	2 4	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 45	23 53	12 23	1 54
T 29	18 46	21 14	0 43	16 24	1 35	20 31	2 41	7 43	0 55	8 25	1 3	16 49	2 4	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 46	23 55	12 24	1 54
F 30	18 31	17 2	0s28	15 46	1 31	20 37	2 38	7 28	0 54	8 20	1 3	16 49	2 4	18 49	0 13	21 51	1 20	12 33	10 3	18 46	18 47	23 56	12 25	1 54
S 31	18n17	11n57	1s38	15n 6	1n27	20n43	2s35	7n13	0n54	8n16	1n 3	16s49	2n 4	18s49	0n13	21n52	1s20	12n33	10s 3	18s46	18s47	23n57	12s26	1n54

Julian Day Number = 2414106.5, Delta T = -4.21 sec
Ecliptic obliquity = 23°27'14, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'32, Lahiri = 22°25'32

ASTRODIENST EPHEMERIS for the year 1897
geocentric

AUGUST 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 27	8♌57'17	7♍24	25♌ 8	24♊55	14♍23	11♍37	24♏ 8	24°R59	21♊45	14♊24	6°R 4	5♒55	26♉ 6	8♏11	S 1
M 2	20 43 23	9°54'44	20°56	26°52	26° 0	15° 0	11°49	24° 8	24♏59	21°46	14°25	6♒ 3	5°52	26°12	8°13	M 2
T 3	20 47 20	10°52'12	4♎40	28°35	27° 4	15°38	12° 1	24° 9	24°D59	21°48	14°25	6° 3	5°49	26°19	8°16	T 3
W 4	20 51 16	11°49'40	18°35	0♍16	28° 9	16°15	12°13	24° 9	24°59	21°50	14°26	6° 2	5°46	26°26	8°19	W 4
T 5	20 55 13	12°47'10	2♏39	1°55	29°15	16°53	12°25	24°10	24°59	21°51	14°27	6° 2	5°42	26°33	8°22	T 5
F 6	20 59 9	13°44'40	16°50	3°33	0♋20	17°30	12°37	24°11	24°59	21°53	14°28	6°D 2	5°39	26°39	8°25	F 6
S 7	21 3 6	14°42'11	1♐ 6	5° 9	1°26	18° 8	12°49	24°12	24°59	21°54	14°29	6° 2	5°36	26°46	8°29	S 7
S 8	21 7 3	15°39'42	15°24	6°44	2°32	18°46	13° 1	24°13	25° 0	21°56	14°29	6° 3	5°33	26°53	8°32	S 8
M 9	21 10 59	16°37'15	29°41	8°17	3°37	19°23	13°13	24°14	25° 0	21°57	14°30	6° 4	5°30	26°59	8°35	M 9
T 10	21 14 56	17°34'49	13♑54	9°48	4°44	20° 1	13°25	24°15	25° 0	21°59	14°31	6° 5	5°27	27° 6	8°39	T 10
W11	21 18 52	18°32'23	27°59	11°18	5°50	20°39	13°38	24°16	25° 1	22° 0	14°32	6° 5	5°23	27°13	8°42	W11
T 12	21 22 49	19°29'59	11♒52	12°46	6°57	21°17	13°50	24°18	25° 1	22° 1	14°32	6°R 5	5°20	27°20	8°46	T 12
F 13	21 26 45	20°27'35	25°31	14°12	8° 3	21°55	14° 2	24°19	25° 2	22° 3	14°33	6° 4	5°17	27°26	8°50	F 13
S 14	21 30 42	21°25'13	8♓52	15°37	9°10	22°33	14°15	24°21	25° 2	22° 4	14°34	6° 3	5°14	27°33	8°54	S 14
S 15	21 34 38	22°22'52	21°56	17° 0	10°17	23°11	14°27	24°22	25° 3	22° 5	14°34	6° 1	5°11	27°40	8°58	S 15
M16	21 38 35	23°20'33	4♈41	18°22	11°24	23°49	14°40	24°24	25° 3	22° 7	14°35	5°59	5° 7	27°46	9° 2	M16
T 17	21 42 32	24°18'15	17° 9	19°42	12°32	24°27	14°52	24°26	25° 4	22° 8	14°35	5°56	5° 4	27°53	9° 6	T 17
W18	21 46 28	25°15'59	29°23	20°59	13°39	25° 5	15° 5	24°28	25° 5	22° 9	14°36	5°54	5° 1	28° 0	9°10	W18
T 19	21 50 25	26°13'44	11♉25	22°16	14°47	25°43	15°17	24°30	25° 6	22°10	14°37	5°52	4°58	28° 6	9°15	T 19
F 20	21 54 21	27°11'31	23°20	23°30	15°55	26°21	15°30	24°32	25° 6	22°12	14°37	5°D51	4°55	28°13	9°19	F 20
S 21	21 58 18	28° 9'20	5♊12	24°42	17° 3	27° 0	15°42	24°34	25° 7	22°13	14°38	5°51	4°52	28°20	9°23	S 21
S 22	22 2 14	29° 7'10	17° 7	25°52	18°11	27°38	15°55	24°36	25° 8	22°14	14°38	5°52	4°48	28°27	9°28	S 22
M23	22 6 11	0♍ 5'03	29° 8	27° 0	19°19	28°16	16° 8	24°39	25° 9	22°15	14°39	5°54	4°45	28°33	9°33	M23
T 24	22 10 7	1° 2'57	11♋21	28° 6	20°28	28°55	16°20	24°41	25°10	22°16	14°39	5°56	4°42	28°40	9°37	T 24
W25	22 14 4	2° 0'52	23°49	29°10	21°36	29°33	16°33	24°44	25°11	22°17	14°39	5°57	4°39	28°47	9°42	W25
T 26	22 18 1	2°58'50	6♌34	0♎11	22°45	0♎12	16°46	24°47	25°13	22°18	14°40	5°R57	4°36	28°53	9°47	T 26
F 27	22 21 57	3°56'49	19°40	1° 9	23°54	0°50	16°59	24°49	25°14	22°19	14°40	5°57	4°33	29° 0	9°52	F 27
S 28	22 25 54	4°54'49	3♍ 5	2° 5	25° 3	1°29	17°12	24°52	25°15	22°20	14°41	5°55	4°29	29° 7	9°57	S 28
S 29	22 29 50	5°52'52	16°48	2°58	26°12	2° 7	17°24	24°55	25°16	22°21	14°41	5°51	4°26	29°14	10° 2	S 29
M30	22 33 47	6°50'55	0♎48	3°48	27°21	2°46	17°37	24°58	25°18	22°22	14°41	5°47	4°23	29°20	10° 8	M30
T 31	22 37 43	7♍49'01	14♎59	4♎34	28♋31	3♎25	17♍50	25♏ 1	25♏19	22♊23	14♊42	5♒42	4♒20	29♉27	10♏13	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	18n 2	6n15	2s45	14n26	1n22	20n49	2s32	6n58	0n53	8n11	1n 3	16s49	2n 3	18s49	0n13	21n52	1s20	12n33	10s 3	18s46	18s48	23n59	12s26	1n54
M 2	17 47	0 10	3 44	13 46	1 17	20 54	2 29	6 43	0 53	8 7	1 3	16 50	2 3	18 49	0 13	21 52	1 20	12 33	10 3	18 46	18 49	24 0	12 27	1 54
T 3	17 31	5s59	4 31	13 5	1 11	20 59	2 26	6 28	0 52	8 2	1 3	16 50	2 3	18 49	0 13	21 52	1 20	12 33	10 3	18 46	18 50	24 1	12 28	1 54
W 4	17 15	11 56	5 2	12 24	1 5	21 4	2 23	6 13	0 51	7 57	1 3	16 51	2 3	18 49	0 13	21 52	1 20	12 33	10 3	18 46	18 51	24 3	12 29	1 55
T 5	16 59	17 20	5 16	11 42	0 58	21 8	2 20	5 58	0 51	7 53	1 3	16 51	2 2	18 49	0 13	21 52	1 20	12 33	10 3	18 47	18 51	24 4	12 30	1 55
F 6	16 43	21 50	5 11	11 1	0 52	21 11	2 16	5 43	0 50	7 48	1 3	16 51	2 2	18 49	0 13	21 52	1 21	12 33	10 4	18 47	18 52	24 5	12 31	1 55
S 7	16 26	25 4	4 47	10 19	0 44	21 14	2 13	5 27	0 50	7 43	1 3	16 52	2 2	18 49	0 13	21 52	1 21	12 33	10 4	18 46	18 53	24 7	12 32	1 55
S 8	16 9	26 43	4 5	9 37	0 37	21 16	2 9	5 12	0 49	7 39	1 3	16 52	2 2	18 49	0 13	21 52	1 21	12 33	10 4	18 46	18 54	24 8	12 32	1 55
M 9	15 52	26 35	3 8	8 56	0 29	21 18	2 6	4 57	0 49	7 34	1 3	16 53	2 1	18 50	0 13	21 52	1 21	12 33	10 4	18 46	18 54	24 9	12 33	1 55
T 10	15 34	24 43	2 0	8 14	0 22	21 20	2 2	4 41	0 48	7 29	1 3	16 53	2 1	18 50	0 12	21 52	1 21	12 33	10 4	18 46	18 55	24 11	12 35	1 55
W11	15 17	21 18	0 45	7 32	0 13	21 21	1 59	4 26	0 47	7 25	1 3	16 54	2 1	18 50	0 12	21 52	1 21	12 33	10 4	18 46	18 56	24 12	12 36	1 55
T 12	14 59	16 44	0n32	6 51	0 5	21 21	1 55	4 11	0 47	7 20	1 3	16 54	2 1	18 50	0 12	21 52	1 21	12 33	10 4	18 46	18 57	24 13	12 37	1 55
F 13	14 41	11 22	1 45	6 10	0s 4	21 21	1 52	3 55	0 46	7 15	1 3	16 55	2 0	18 50	0 12	21 52	1 21	12 33	10 5	18 46	18 58	24 14	12 38	1 55
S 14	14 22	5 36	2 51	5 29	0 12	21 20	1 48	3 40	0 46	7 10	1 3	16 56	2 0	18 50	0 12	21 52	1 21	12 33	10 5	18 46	18 58	24 16	12 39	1 55
S 15	14 4	0n16	3 47	4 48	0 21	21 19	1 44	3 24	0 45	7 5	1 3	16 56	2 0	18 50	0 12	21 52	1 21	12 32	10 5	18 47	18 59	24 17	12 40	1 56
M16	13 45	5 59	4 29	4 8	0 30	21 17	1 41	3 8	0 45	7 0	1 3	16 57	2 0	18 50	0 12	21 52	1 21	12 32	10 5	18 47	19 0	24 18	12 41	1 56
T 17	13 26	11 20	4 58	3 29	0 40	21 15	1 37	2 53	0 44	6 56	1 3	16 58	1 59	18 51	0 12	21 53	1 21	12 32	10 5	18 48	19 1	24 19	12 43	1 56
W18	13 6	16 8	5 13	2 49	0 49	21 12	1 33	2 37	0 43	6 51	1 3	16 58	1 59	18 51	0 12	21 53	1 21	12 32	10 5	18 49	19 1	24 20	12 44	1 56
T 19	12 47	20 13	5 13	2 11	0 58	21 9	1 30	2 22	0 43	6 46	1 3	16 59	1 59	18 51	0 12	21 53	1 21	12 32	10 6	18 49	19 2	24 22	12 45	1 56
F 20	12 27	23 28	5 0	1 33	1 8	21 5	1 26	2 6	0 42	6 41	1 3	17 0	1 59	18 51	0 12	21 53	1 21	12 32	10 6	18 49	19 3	24 23	12 46	1 56
S 21	12 7	25 41	4 35	0 55	1 17	21 1	1 22	1 50	0 42	6 36	1 3	17 1	1 58	18 52	0 12	21 53	1 21	12 32	10 6	18 49	19 4	24 24	12 48	1 56
S 22	11 47	26 46	3 57	0 19	1 27	20 56	1 18	1 34	0 41	6 31	1 3	17 1	1 58	18 52	0 12	21 53	1 21	12 32	10 6	18 49	19 4	24 25	12 49	1 56
M23	11 27	26 36	3 9	0s17	1 37	20 50	1 14	1 19	0 41	6 26	1 3	17 2	1 58	18 52	0 12	21 53	1 21	12 32	10 6	18 49	19 5	24 26	12 50	1 56
T 24	11 6	25 9	2 11	0 52	1 46	20 44	1 11	1 3	0 40	6 21	1 3	17 3	1 58	18 52	0 12	21 53	1 21	12 32	10 6	18 48	19 6	24 28	12 52	1 56
W25	10 46	22 26	1 6	1 26	1 56	20 37	1 7	0 47	0 40	6 16	1 3	17 4	1 57	18 53	0 12	21 53	1 21	12 31	10 7	18 48	19 7	24 29	12 53	1 56
T 26	10 25	18 35	0s 3	2 0	2 6	20 30	1 3	0 31	0 39	6 11	1 3	17 5	1 57	18 53	0 12	21 53	1 21	12 31	10 7	18 48	19 8	24 30	12 55	1 57
F 27	10 4	13 45	1 14	2 32	2 15	20 22	0 59	0 15	0 38	6 6	1 3	17 6	1 57	18 53	0 12	21 53	1 21	12 31	10 7	18 48	19 8	24 31	12 56	1 57
S 28	9 43	8 9	2 23	3 3	2 25	20 14	0 55	0s 1	0 38	6 1	1 3	17 7	1 57	18 54	0 12	21 53	1 21	12 31	10 7	18 48	19 9	24 32	12 58	1 57
S 29	9 22	2 4	3 25	3 32	2 34	20 5	0 52	0 17	0 37	5 56	1 3	17 8	1 56	18 54	0 12	21 53	1 21	12 31	10 7	18 49	19 10	24 33	12 59	1 57
M30	9 0	4s13	4 16	4 1	2 44	19 55	0 48	0 32	0 37	5 51	1 3	17 9	1 56	18 54	0 12	21 53	1 21	12 31	10 7	18 50	19 11	24 34	13 1	1 57
T 31	8n39	10s23	4s51	4s28	2s53	19n45	0s44	0s48	0n36	5n46	1n 3	17s 9	1n56	18s55	0n12	21n53	1s21	12n31	10s 8	18s51	19s11	24n36	13s 2	1n57

Julian Day Number = 2414137.5, Delta T = -4.16 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'36, Lahiri = 22°25'36

ASTRODIENST EPHEMERIS for the year 1897
geocentric

SEPTEMBER 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 40	8♍47'07	29♎16	5♎17	29♋40	4♎ 4	18♍ 3	25♏ 4	25♏21	22♊23	14♊42	5°R38	4♒17	29♉34	10♏18	W 1
T 2	22 45 36	9°45'16	13♏36	5°57	0♌50	4°42	18°16	25° 8	25°22	22°24	14°42	5♒34	4°13	29°40	10°24	T 2
F 3	22 49 33	10°43'25	27°54	6°32	1°59	5°21	18°29	25°11	25°24	22°25	14°42	5°32	4°10	29°47	10°29	F 3
S 4	22 53 30	11°41'37	12♐ 7	7° 3	3° 9	6° 0	18°42	25°15	25°25	22°26	14°43	5°D31	4° 7	29°54	10°35	S 4
S 5	22 57 26	12°39'49	26°13	7°30	4°19	6°39	18°55	25°18	25°27	22°26	14°43	5°32	4° 4	0♊ 1	10°41	S 5
M 6	23 1 23	13°38'04	10♑11	7°52	5°29	7°18	19° 8	25°22	25°29	22°27	14°43	5°33	4° 1	0° 7	10°46	M 6
T 7	23 5 19	14°36'19	23°59	8° 8	6°39	7°57	19°20	25°25	25°30	22°28	14°43	5°34	3°58	0°14	10°52	T 7
W 8	23 9 16	15°34'36	7♒38	8°20	7°50	8°36	19°33	25°29	25°32	22°28	14°43	5°R35	3°54	0°21	10°58	W 8
T 9	23 13 12	16°32'55	21° 5	8°R25	9° 0	9°16	19°46	25°33	25°34	22°29	14°43	5°34	3°51	0°27	11° 4	T 9
F 10	23 17 9	17°31'15	4♓21	8°25	10°11	9°55	19°59	25°37	25°36	22°29	14°44	5°31	3°48	0°34	11°10	F 10
S 11	23 21 5	18°29'37	17°24	8°18	11°21	10°34	20°12	25°41	25°38	22°30	14°44	5°26	3°45	0°41	11°16	S 11
S 12	23 25 2	19°28'01	0♈14	8° 4	12°32	11°13	20°25	25°45	25°40	22°30	14°44	5°19	3°42	0°48	11°22	S 12
M13	23 28 58	20°26'27	12°49	7°44	13°43	11°53	20°38	25°49	25°42	22°31	14°44	5°11	3°39	0°54	11°29	M13
T 14	23 32 55	21°24'55	25°12	7°17	14°54	12°32	20°51	25°54	25°44	22°31	14°R44	5° 3	3°35	1° 1	11°35	T 14
W15	23 36 52	22°23'24	7♉22	6°43	16° 5	13°11	21° 4	25°58	25°46	22°31	14°44	4°55	3°32	1° 8	11°41	W15
T 16	23 40 48	23°21'56	19°23	6° 2	17°16	13°51	21°17	26° 2	25°48	22°32	14°44	4°48	3°29	1°14	11°48	T 16
F 17	23 44 45	24°20'31	1♊16	5°16	18°27	14°30	21°30	26° 7	25°50	22°32	14°44	4°43	3°26	1°21	11°54	F 17
S 18	23 48 41	25°19'07	13° 7	4°23	19°38	15°10	21°43	26°11	25°52	22°32	14°44	4°40	3°23	1°28	12° 1	S 18
S 19	23 52 38	26°17'46	25° 0	3°26	20°50	15°50	21°56	26°16	25°55	22°33	14°43	4°D39	3°19	1°34	12° 7	S 19
M20	23 56 34	27°16'26	7♋ 0	2°24	22° 1	16°29	22° 9	26°21	25°57	22°33	14°43	4°40	3°16	1°41	12°14	M20
T 21	0 0 31	28°15'09	19°11	1°20	23°13	17° 9	22°22	26°25	25°59	22°33	14°43	4°41	3°13	1°48	12°21	T 21
W22	0 4 27	29°13'55	1♌40	0°15	24°25	17°49	22°35	26°30	26° 2	22°33	14°43	4°R41	3°10	1°55	12°27	W22
T 23	0 8 24	0♎12'42	14°30	29♍ 9	25°37	18°29	22°48	26°35	26° 4	22°33	14°43	4°41	3° 7	2° 1	12°34	T 23
F 24	0 12 21	1°11'32	27°45	28° 6	26°49	19° 8	23° 1	26°40	26° 7	22°33	14°43	4°39	3° 4	2° 8	12°41	F 24
S 25	0 16 17	2°10'23	11♍25	27° 6	28° 1	19°48	23°14	26°45	26° 9	22°R33	14°42	4°34	3° 0	2°15	12°48	S 25
S 26	0 20 14	3° 9'17	25°29	26°12	29°13	20°28	23°27	26°50	26°12	22°33	14°42	4°27	2°57	2°21	12°55	S 26
M27	0 24 10	4° 8'13	9♎54	25°24	0♍25	21° 8	23°40	26°55	26°14	22°33	14°42	4°18	2°54	2°28	13° 2	M27
T 28	0 28 7	5° 7'11	24°32	24°44	1°37	21°49	23°52	27° 0	26°17	22°33	14°42	4° 8	2°51	2°35	13° 9	T 28
W29	0 32 3	6° 6'10	9♏18	24°12	2°50	22°29	24° 5	27° 6	26°20	22°33	14°41	3°59	2°48	2°42	13°16	W29
T 30	0 36 0	7♎ 5'12	24♏ 1	23♍51	4♍ 2	23♎ 9	24♍18	27♏11	26♏22	22♊33	14♊41	3♒51	2♒44	2♊48	13♏23	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n17	16s 2	5s 9	4s53	3s 2	19n34	0s40	1s 4	0n36	5n41	1n 3	17s10	1n56	18s55	0n12	21n53	1s21	12n30	10s 8	18s53	19s12	24n37	13s 4	1n57
T 2	7 55	20 50	5 8	5 16	3 10	19 23	0 37	1 20	0 35	5 36	1 3	17 11	1 55	18 55	0 12	21 53	1 21	12 30	10 8	18 53	19 13	24 38	13 6	1 57
F 3	7 33	24 23	4 48	5 38	3 19	19 12	0 33	1 36	0 34	5 31	1 3	17 12	1 55	18 56	0 12	21 53	1 21	12 30	10 8	18 54	19 14	24 39	13 7	1 57
S 4	7 11	26 24	4 10	5 58	3 26	18 59	0 29	1 52	0 34	5 26	1 3	17 14	1 55	18 56	0 12	21 53	1 21	12 30	10 8	18 54	19 14	24 40	13 9	1 57
S 5	6 49	26 42	3 18	6 15	3 34	18 47	0 26	2 8	0 33	5 21	1 3	17 15	1 55	18 57	0 12	21 53	1 22	12 30	10 9	18 54	19 15	24 41	13 11	1 58
M 6	6 26	25 17	2 14	6 30	3 41	18 33	0 22	2 24	0 33	5 16	1 3	17 16	1 55	18 57	0 12	21 53	1 22	12 30	10 9	18 54	19 16	24 42	13 12	1 58
T 7	6 4	22 21	1 3	6 43	3 47	18 20	0 18	2 40	0 32	5 11	1 3	17 17	1 54	18 57	0 12	21 53	1 22	12 29	10 9	18 53	19 17	24 43	13 14	1 58
W 8	5 41	18 12	0n11	6 52	3 53	18 5	0 15	2 56	0 31	5 6	1 3	17 18	1 54	18 58	0 12	21 53	1 22	12 29	10 9	18 53	19 17	24 44	13 16	1 58
T 9	5 19	13 10	1 23	6 59	3 58	17 50	0 11	3 12	0 31	5 1	1 3	17 19	1 54	18 58	0 12	21 53	1 22	12 29	10 9	18 53	19 18	24 45	13 17	1 58
F 10	4 56	7 36	2 29	7 2	4 2	17 35	0 8	3 28	0 30	4 56	1 3	17 20	1 54	18 59	0 12	21 53	1 22	12 29	10 9	18 54	19 19	24 46	13 19	1 58
S 11	4 33	1 49	3 27	7 2	4 5	17 19	0 4	3 44	0 30	4 51	1 3	17 21	1 53	18 59	0 12	21 53	1 22	12 29	10 10	18 55	19 20	24 48	13 21	1 58
S 12	4 10	3n57	4 12	6 59	4 7	17 3	0 1	4 0	0 29	4 46	1 3	17 22	1 53	19 0	0 12	21 53	1 22	12 29	10 10	18 57	19 20	24 49	13 23	1 58
M13	3 47	9 26	4 45	6 51	4 7	16 46	0n 3	4 16	0 29	4 40	1 3	17 24	1 53	19 0	0 12	21 53	1 22	12 28	10 10	18 59	19 21	24 50	13 24	1 58
T 14	3 24	14 27	5 3	6 40	4 6	16 29	0 6	4 31	0 28	4 35	1 3	17 25	1 53	19 1	0 12	21 53	1 22	12 28	10 10	19 1	19 22	24 51	13 26	1 59
W15	3 1	18 49	5 7	6 24	4 4	16 11	0 10	4 47	0 27	4 30	1 3	17 26	1 53	19 1	0 12	21 53	1 22	12 28	10 10	19 3	19 23	24 52	13 28	1 59
T 16	2 38	22 21	4 57	6 4	4 0	15 53	0 13	5 3	0 27	4 25	1 3	17 27	1 52	19 2	0 12	21 53	1 22	12 28	10 11	19 5	19 23	24 53	13 30	1 59
F 17	2 15	24 55	4 35	5 40	3 54	15 34	0 16	5 19	0 26	4 20	1 3	17 28	1 52	19 2	0 12	21 53	1 22	12 28	10 11	19 6	19 24	24 54	13 32	1 59
S 18	1 52	26 22	4 1	5 12	3 46	15 15	0 19	5 35	0 26	4 15	1 3	17 30	1 52	19 3	0 12	21 53	1 22	12 28	10 11	19 6	19 25	24 55	13 34	1 59
S 19	1 28	26 38	3 17	4 40	3 37	14 55	0 23	5 51	0 25	4 10	1 3	17 31	1 52	19 3	0 12	21 53	1 22	12 27	10 11	19 7	19 25	24 56	13 36	1 59
M20	1 5	25 39	2 23	4 5	3 25	14 35	0 26	6 6	0 25	4 5	1 3	17 32	1 52	19 4	0 12	21 53	1 22	12 27	10 11	19 7	19 26	24 57	13 37	1 59
T 21	0 42	23 26	1 22	3 27	3 11	14 14	0 29	6 22	0 24	4 0	1 3	17 34	1 51	19 5	0 12	21 53	1 22	12 27	10 11	19 6	19 27	24 58	13 39	1 59
W22	0 18	20 4	0 16	2 47	2 56	13 54	0 32	6 38	0 23	3 55	1 3	17 35	1 51	19 5	0 12	21 53	1 22	12 27	10 12	19 6	19 28	24 59	13 41	2 0
T 23	0s 5	15 39	0s52	2 6	2 39	13 32	0 35	6 54	0 23	3 50	1 3	17 36	1 51	19 6	0 12	21 53	1 22	12 27	10 12	19 6	19 28	25 0	13 43	2 0
F 24	0 28	10 23	2 0	1 24	2 21	13 11	0 38	7 9	0 22	3 45	1 3	17 38	1 51	19 6	0 12	21 53	1 22	12 26	10 12	19 7	19 29	25 1	13 45	2 0
S 25	0 52	4 28	3 3	0 43	2 2	12 48	0 41	7 25	0 22	3 40	1 3	17 39	1 51	19 7	0 12	21 53	1 22	12 26	10 12	19 8	19 30	25 1	13 47	2 0
S 26	1 15	1s50	3 57	0 3	1 42	12 26	0 43	7 41	0 21	3 34	1 3	17 40	1 50	19 8	0 12	21 52	1 22	12 26	10 12	19 10	19 31	25 2	13 49	2 0
M27	1 39	8 10	4 37	0n35	1 22	12 3	0 46	7 56	0 20	3 29	1 3	17 42	1 50	19 8	0 12	21 52	1 22	12 26	10 12	19 12	19 31	25 3	13 51	2 0
T 28	2 2	14 9	4 59	1 9	1 1	11 40	0 49	8 12	0 20	3 24	1 3	17 43	1 50	19 9	0 12	21 52	1 22	12 26	10 13	19 14	19 32	25 4	13 53	2 0
W29	2 26	19 22	5 2	1 40	0 41	11 16	0 52	8 27	0 19	3 19	1 4	17 44	1 50	19 9	0 12	21 52	1 22	12 25	10 13	19 16	19 33	25 5	13 55	2 0
T 30	2s49	23s23	4s45	2n 6	0s22	10n53	0n54	8s43	0n19	3n14	1n 4	17s46	1n50	19s10	0n12	21n52	1s23	12n25	10s13	19s18	19s34	25n 6	13s57	2n 1

Julian Day Number = 2414168.5, Delta T = -4.10 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'40, Lahiri = 22°25'41

ASTRODIENST EPHEMERIS for the year 1897
geocentric

OCTOBER 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 56	8♎ 4'16	8♐36	23°R40	5♍14	23♎49	24♍31	27♏16	26♏25	22°R33	14°R41	3°R46	2♒41	2♊55	13♏31	F 1
S 2	0 43 53	9° 3'21	22°58	23°D39	6°27	24°29	24°44	27°22	26°28	22♊32	14♊40	3♒42	2°38	3° 2	13°38	S 2
S 3	0 47 50	10° 2'28	7♑ 4	23♍49	7°40	25°10	24°56	27°27	26°31	22°32	14°40	3°D41	2°35	3° 8	13°45	S 3
M 4	0 51 46	11° 1'37	20°53	24° 9	8°52	25°50	25° 9	27°33	26°34	22°32	14°39	3°42	2°32	3°15	13°53	M 4
T 5	0 55 43	12° 0'48	4♒26	24°39	10° 5	26°30	25°22	27°39	26°36	22°32	14°39	3°R42	2°29	3°22	14° 0	T 5
W 6	0 59 39	13° 0'00	17°45	25°18	11°18	27°11	25°35	27°44	26°39	22°31	14°39	3°41	2°25	3°28	14° 7	W 6
T 7	1 3 36	13°59'14	0♓51	26° 6	12°31	27°51	25°47	27°50	26°42	22°31	14°38	3°38	2°22	3°35	14°15	T 7
F 8	1 7 32	14°58'29	13°45	27° 2	13°44	28°32	26° 0	27°56	26°45	22°30	14°38	3°32	2°19	3°42	14°22	F 8
S 9	1 11 29	15°57'47	26°28	28° 5	14°57	29°13	26°12	28° 2	26°48	22°30	14°37	3°24	2°16	3°49	14°30	S 9
S 10	1 15 25	16°57'07	9♈ 1	29°14	16°10	29°53	26°25	28° 8	26°51	22°30	14°37	3°13	2°13	3°55	14°37	S 10
M11	1 19 22	17°56'28	21°23	0♎29	17°24	0♏34	26°38	28°14	26°54	22°29	14°36	3° 0	2°10	4° 2	14°45	M11
T 12	1 23 19	18°55'52	3♉36	1°49	18°37	1°15	26°50	28°20	26°57	22°29	14°35	2°46	2° 6	4° 9	14°53	T 12
W13	1 27 15	19°55'18	15°40	3°13	19°50	1°56	27° 3	28°26	27° 1	22°28	14°35	2°33	2° 3	4°15	15° 0	W13
T 14	1 31 12	20°54'46	27°37	4°41	21° 4	2°36	27°15	28°32	27° 4	22°27	14°34	2°22	2° 0	4°22	15° 8	T 14
F 15	1 35 8	21°54'16	9♊28	6°12	22°17	3°17	27°27	28°38	27° 7	22°27	14°34	2°12	1°57	4°29	15°16	F 15
S 16	1 39 5	22°53'48	21°17	7°45	23°31	3°58	27°40	28°44	27°10	22°26	14°33	2° 6	1°54	4°35	15°23	S 16
S 17	1 43 1	23°53'23	3♋ 8	9°21	24°44	4°39	27°52	28°50	27°13	22°25	14°32	2° 2	1°50	4°42	15°31	S 17
M18	1 46 58	24°53'00	15° 5	10°58	25°58	5°20	28° 4	28°57	27°17	22°25	14°32	2° 1	1°47	4°49	15°39	M18
T 19	1 50 54	25°52'39	27°13	12°36	27°12	6° 2	28°17	29° 3	27°20	22°24	14°31	2° 0	1°44	4°56	15°47	T 19
W20	1 54 51	26°52'21	9♌38	14°15	28°25	6°43	28°29	29° 9	27°23	22°23	14°30	2° 0	1°41	5° 2	15°55	W20
T 21	1 58 48	27°52'05	22°26	15°55	29°39	7°24	28°41	29°16	27°27	22°22	14°30	1°59	1°38	5° 9	16° 3	T 21
F 22	2 2 44	28°51'51	5♍39	17°36	0♎53	8° 5	28°53	29°22	27°30	22°21	14°29	1°56	1°35	5°16	16°11	F 22
S 23	2 6 41	29°51'39	19°22	19°17	2° 7	8°47	29° 5	29°29	27°33	22°21	14°28	1°50	1°31	5°22	16°18	S 23
S 24	2 10 37	0♏51'29	3♎34	20°58	3°21	9°28	29°17	29°35	27°37	22°20	14°27	1°42	1°28	5°29	16°26	S 24
M25	2 14 34	1°51'21	18°12	22°39	4°35	10° 9	29°29	29°42	27°40	22°19	14°26	1°31	1°25	5°36	16°34	M25
T 26	2 18 30	2°51'16	3♏10	24°20	5°49	10°51	29°41	29°48	27°44	22°18	14°26	1°19	1°22	5°42	16°42	T 26
W27	2 22 27	3°51'12	18°18	26° 1	7° 4	11°32	29°53	29°55	27°47	22°17	14°25	1° 8	1°19	5°49	16°50	W27
T 28	2 26 23	4°51'11	3♐25	27°41	8°18	12°14	0♎ 4	0♐ 2	27°50	22°16	14°24	0°58	1°16	5°56	16°58	T 28
F 29	2 30 20	5°51'11	18°22	29°22	9°32	12°56	0°16	0° 8	27°54	22°15	14°23	0°50	1°12	6° 3	17° 6	F 29
S 30	2 34 17	6°51'13	3♑ 1	1♏ 2	10°46	13°37	0°28	0°15	27°57	22°14	14°22	0°46	1° 9	6° 9	17°15	S 30
S 31	2 38 13	7♏51'16	17♑18	2♏42	12♎ 1	14♏19	0♎39	0♐22	28♏ 1	22♊13	14♊21	0♒44	1♒ 6	6♊16	17♏23	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	3s12	25s52	4s10	2n28	0s 3	10n28	0n57	8s58	0n18	3n 9	1n 4	17s47	1n50	19s11	0n11	21n52	1s23	12n25	10s13	19s19	19s34	25n 7	13s59	2n 1
S 2	3 36	26 35	3 19	2 44	0n14	10 4	0 59	9 13	0 18	3 4	1 4	17 48	1 49	19 11	0 11	21 52	1 23	12 25	10 13	19 20	19 35	25 8	14 1	2 1
S 3	3 59	25 32	2 17	2 55	0 30	9 39	1 1	9 29	0 17	2 59	1 4	17 50	1 49	19 12	0 11	21 52	1 23	12 25	10 13	19 20	19 36	25 9	14 3	2 1
M 4	4 22	22 57	1 8	3 1	0 45	9 14	1 4	9 44	0 16	2 54	1 4	17 51	1 49	19 13	0 11	21 52	1 23	12 24	10 14	19 20	19 36	25 10	14 5	2 1
T 5	4 45	19 6	0n 4	3 2	0 59	8 48	1 6	9 59	0 16	2 49	1 4	17 53	1 49	19 13	0 11	21 52	1 23	12 24	10 14	19 20	19 37	25 11	14 7	2 1
W 6	5 8	14 21	1 14	2 57	1 11	8 23	1 8	10 14	0 15	2 44	1 4	17 54	1 49	19 14	0 11	21 52	1 23	12 24	10 14	19 20	19 38	25 11	14 9	2 2
T 7	5 31	9 1	2 19	2 48	1 22	7 57	1 10	10 29	0 15	2 39	1 4	17 56	1 49	19 15	0 11	21 52	1 23	12 24	10 14	19 21	19 39	25 12	14 11	2 2
F 8	5 54	3 23	3 15	2 35	1 31	7 31	1 12	10 44	0 14	2 34	1 4	17 57	1 48	19 16	0 11	21 52	1 23	12 24	10 14	19 22	19 39	25 13	14 13	2 2
S 9	6 17	2n17	4 1	2 17	1 39	7 4	1 14	10 59	0 13	2 29	1 4	17 58	1 48	19 16	0 11	21 52	1 23	12 23	10 14	19 24	19 40	25 14	14 15	2 2
S 10	6 40	7 47	4 34	1 55	1 46	6 38	1 16	11 14	0 13	2 25	1 4	18 0	1 48	19 17	0 11	21 52	1 23	12 23	10 15	19 27	19 41	25 15	14 17	2 2
M11	7 3	12 53	4 54	1 30	1 51	6 11	1 18	11 29	0 12	2 20	1 4	18 1	1 48	19 18	0 11	21 52	1 23	12 23	10 15	19 30	19 41	25 16	14 19	2 2
T 12	7 25	17 26	5 0	1 2	1 55	5 44	1 20	11 44	0 12	2 15	1 5	18 3	1 48	19 18	0 11	21 52	1 23	12 23	10 15	19 33	19 42	25 16	14 21	2 3
W13	7 48	21 12	4 53	0 31	1 58	5 16	1 21	11 59	0 11	2 10	1 5	18 4	1 48	19 19	0 11	21 52	1 23	12 23	10 15	19 36	19 43	25 17	14 23	2 3
T 14	8 10	24 3	4 32	0s 2	2 0	4 49	1 23	12 13	0 10	2 5	1 5	18 6	1 47	19 20	0 11	21 51	1 23	12 22	10 15	19 39	19 44	25 18	14 26	2 3
F 15	8 32	25 50	4 0	0 37	2 0	4 21	1 24	12 28	0 10	2 0	1 5	18 7	1 47	19 21	0 11	21 51	1 23	12 22	10 15	19 41	19 44	25 19	14 28	2 3
S 16	8 54	26 27	3 18	1 14	2 0	3 53	1 26	12 42	0 9	1 55	1 5	18 9	1 47	19 21	0 11	21 51	1 23	12 22	10 15	19 42	19 45	25 20	14 30	2 3
S 17	9 17	25 51	2 26	1 52	2 0	3 26	1 27	12 57	0 9	1 51	1 5	18 10	1 47	19 22	0 11	21 51	1 23	12 22	10 16	19 43	19 46	25 20	14 32	2 3
M18	9 38	24 4	1 28	2 32	1 58	2 57	1 28	13 11	0 8	1 46	1 5	18 12	1 47	19 23	0 11	21 51	1 23	12 22	10 16	19 43	19 46	25 21	14 34	2 4
T 19	10 0	21 9	0 25	3 12	1 56	2 29	1 30	13 25	0 8	1 41	1 5	18 13	1 47	19 24	0 11	21 51	1 23	12 21	10 16	19 44	19 47	25 22	14 36	2 4
W20	10 22	17 12	0s40	3 53	1 53	2 1	1 31	13 39	0 7	1 36	1 5	18 15	1 47	19 24	0 11	21 51	1 23	12 21	10 16	19 44	19 48	25 23	14 38	2 4
T 21	10 43	12 23	1 46	4 35	1 50	1 32	1 32	13 53	0 6	1 32	1 5	18 16	1 46	19 25	0 11	21 51	1 23	12 21	10 16	19 44	19 49	25 24	14 40	2 4
F 22	11 5	6 50	2 48	5 17	1 46	1 4	1 33	14 7	0 6	1 27	1 6	18 18	1 46	19 26	0 11	21 51	1 23	12 21	10 16	19 45	19 49	25 24	14 42	2 4
S 23	11 26	0 48	3 42	5 59	1 42	0 35	1 34	14 21	0 5	1 22	1 6	18 19	1 46	19 27	0 11	21 51	1 23	12 21	10 16	19 46	19 50	25 25	14 44	2 5
S 24	11 47	5s29	4 25	6 41	1 37	0 7	1 34	14 35	0 5	1 17	1 6	18 21	1 46	19 27	0 11	21 51	1 23	12 20	10 16	19 48	19 51	25 26	14 46	2 5
M25	12 8	11 38	4 52	7 24	1 32	0s22	1 35	14 49	0 4	1 13	1 6	18 22	1 46	19 28	0 11	21 51	1 23	12 20	10 17	19 50	19 51	25 27	14 48	2 5
T 26	12 28	17 16	5 0	8 6	1 27	0 51	1 36	15 2	0 3	1 8	1 6	18 24	1 46	19 29	0 11	21 51	1 23	12 20	10 17	19 53	19 52	25 27	14 50	2 5
W27	12 49	21 53	4 47	8 48	1 21	1 20	1 36	15 16	0 3	1 4	1 6	18 25	1 46	19 30	0 11	21 50	1 23	12 20	10 17	19 55	19 53	25 28	14 52	2 5
T 28	13 9	25 0	4 14	9 29	1 15	1 48	1 37	15 29	0 2	0 59	1 6	18 27	1 46	19 31	0 11	21 50	1 23	12 20	10 17	19 57	19 53	25 29	14 54	2 6
F 29	13 29	26 20	3 24	10 10	1 9	2 17	1 37	15 42	0 2	0 55	1 6	18 28	1 46	19 31	0 11	21 50	1 23	12 19	10 17	19 59	19 54	25 29	14 56	2 6
S 30	13 49	25 46	2 21	10 51	1 3	2 46	1 38	15 55	0 1	0 50	1 6	18 30	1 45	19 32	0 11	21 50	1 24	12 19	10 17	20 0	19 55	25 30	14 59	2 6
S 31	14s 8	23s30	1s10	11s31	0n57	3s15	1n38	16s 8	0n 0	0n46	1n 7	18s31	1n45	19s33	0n11	21n50	1s24	12n19	10s17	20s 0	19s56	25n31	15s 1	2n 6

Julian Day Number = 2414198.5, Delta T = -4.05 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'44, Lahiri = 22°25'45

ASTRODIENST EPHEMERIS for the year 1897
geocentric

NOVEMBER 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 42 10	8♏51'21	1♒12	4♏21	13♎15	15♏ 1	0♎51	0♐28	28♏ 5	22°R11	14°R20	0°R43	1♒ 3	6♊23	17♏31	M 1
T 2	2 46 6	9°51'27	14°43	6° 0	14°29	15°43	1° 2	0°35	28° 8	22♊10	14♊20	0♒43	1° 0	6°29	17°39	T 2
W 3	2 50 3	10°51'35	27°53	7°38	15°44	16°25	1°14	0°42	28°12	22° 9	14°19	0°42	0°56	6°36	17°47	W 3
T 4	2 53 59	11°51'45	10♓46	9°16	16°58	17° 7	1°25	0°49	28°15	22° 8	14°18	0°39	0°53	6°43	17°55	T 4
F 5	2 57 56	12°51'56	23°25	10°54	18°13	17°49	1°36	0°56	28°19	22° 7	14°17	0°34	0°50	6°49	18° 3	F 5
S 6	3 1 52	13°52'08	5♈53	12°32	19°27	18°31	1°47	1° 3	28°23	22° 6	14°16	0°25	0°47	6°56	18°11	S 6
S 7	3 5 49	14°52'22	18°10	14° 9	20°42	19°13	1°58	1°10	28°26	22° 4	14°15	0°14	0°44	7° 3	18°19	S 7
M 8	3 9 46	15°52'38	0♉20	15°45	21°57	19°55	2° 9	1°17	28°30	22° 3	14°14	0° 1	0°41	7°10	18°27	M 8
T 9	3 13 42	16°52'56	12°23	17°21	23°11	20°37	2°20	1°24	28°33	22° 2	14°13	29♑47	0°37	7°16	18°36	T 9
W10	3 17 39	17°53'15	24°20	18°57	24°26	21°19	2°31	1°31	28°37	22° 0	14°12	29°33	0°34	7°23	18°44	W10
T 11	3 21 35	18°53'36	6♊13	20°33	25°41	22° 2	2°42	1°38	28°41	21°59	14°11	29°21	0°31	7°30	18°52	T 11
F 12	3 25 32	19°53'58	18° 3	22° 8	26°56	22°44	2°53	1°45	28°44	21°58	14°10	29°12	0°28	7°36	19° 0	F 12
S 13	3 29 28	20°54'23	29°52	23°43	28°10	23°27	3° 3	1°52	28°48	21°56	14° 9	29° 5	0°25	7°43	19° 8	S 13
S 14	3 33 25	21°54'49	11♋43	25°18	29°25	24° 9	3°14	1°59	28°52	21°55	14° 8	29° 1	0°21	7°50	19°16	S 14
M15	3 37 21	22°55'17	23°40	26°52	0♏40	24°52	3°24	2° 6	28°56	21°53	14° 7	28°D59	0°18	7°56	19°24	M15
T 16	3 41 18	23°55'47	5♌47	28°26	1°55	25°34	3°35	2°13	28°59	21°52	14° 6	28°59	0°15	8° 3	19°32	T 16
W17	3 45 15	24°56'18	18° 9	0♐ 0	3°10	26°17	3°45	2°20	29° 3	21°50	14° 4	29° 0	0°12	8°10	19°40	W17
T 18	3 49 11	25°56'52	0♍51	1°34	4°25	26°59	3°55	2°27	29° 7	21°49	14° 3	29°R 0	0° 9	8°16	19°48	T 18
F 19	3 53 8	26°57'27	13°58	3° 8	5°40	27°42	4° 5	2°34	29°10	21°48	14° 2	28°58	0° 6	8°23	19°57	F 19
S 20	3 57 4	27°58'04	27°34	4°41	6°55	28°25	4°15	2°41	29°14	21°46	14° 1	28°55	0° 2	8°30	20° 5	S 20
S 21	4 1 1	28°58'42	11♎39	6°14	8°10	29° 8	4°25	2°48	29°18	21°44	14° 0	28°49	29♑59	8°37	20°13	S 21
M22	4 4 57	29°59'23	26°14	7°47	9°25	29°51	4°35	2°55	29°21	21°43	13°59	28°41	29°56	8°43	20°21	M22
T 23	4 8 54	1♐ 0'04	11♏13	9°20	10°40	0♐34	4°45	3° 2	29°25	21°41	13°58	28°32	29°53	8°50	20°29	T 23
W24	4 12 50	2° 0'48	26°27	10°53	11°55	1°17	4°54	3°10	29°29	21°40	13°57	28°23	29°50	8°57	20°37	W24
T 25	4 16 47	3° 1'33	11♐46	12°25	13°10	2° 0	5° 4	3°17	29°33	21°38	13°56	28°15	29°47	9° 3	20°45	T 25
F 26	4 20 44	4° 2'19	26°59	13°58	14°25	2°43	5°13	3°24	29°36	21°37	13°54	28° 9	29°43	9°10	20°53	F 26
S 27	4 24 40	5° 3'06	11♑56	15°30	15°41	3°26	5°22	3°31	29°40	21°35	13°53	28° 5	29°40	9°17	21° 1	S 27
S 28	4 28 37	6° 3'55	26°29	17° 2	16°56	4° 9	5°31	3°38	29°44	21°33	13°52	28°D 4	29°37	9°23	21° 9	S 28
M29	4 32 33	7° 4'44	10♒36	18°34	18°11	4°52	5°41	3°45	29°47	21°32	13°51	28° 5	29°34	9°30	21°17	M29
T 30	4 36 30	8♐ 5'34	24♒15	20♐ 6	19♏26	5♐36	5♎49	3♐52	29♏51	21♊30	13♊50	28♑ 6	29♑31	9♊37	21♏24	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	14s28	19s52	0n 2	12s11	0n51	3s44	1n38	16s21	0s 0	0n41	1n 7	18s33	1n45	19s34	0n11	21n50	1s24	12n19	10s17	20s 0	19s56	25n31	15s 3	2n 7
T 2	14 47	15 16	1 13	12 50	0 44	4 12	1 38	16 34	0 1	0 37	1 7	18 34	1 45	19 35	0 11	21 50	1 24	12 19	10 17	20 0	19 57	25 32	15 5	2 7
W 3	15 6	10 3	2 18	13 29	0 37	4 41	1 38	16 47	0 1	0 32	1 7	18 36	1 45	19 35	0 11	21 50	1 24	12 18	10 17	20 1	19 58	25 33	15 7	2 7
T 4	15 24	4 32	3 15	14 6	0 31	5 9	1 38	16 59	0 2	0 28	1 7	18 37	1 45	19 36	0 11	21 50	1 24	12 18	10 17	20 1	19 58	25 33	15 9	2 7
F 5	15 43	1n 4	4 1	14 44	0 24	5 38	1 38	17 12	0 3	0 24	1 7	18 39	1 45	19 37	0 11	21 50	1 24	12 18	10 18	20 3	19 59	25 34	15 11	2 7
S 6	16 1	6 32	4 34	15 20	0 17	6 6	1 38	17 24	0 3	0 19	1 7	18 40	1 45	19 38	0 11	21 50	1 24	12 18	10 18	20 4	20 0	25 35	15 13	2 8
S 7	16 19	11 39	4 54	15 56	0 11	6 35	1 38	17 36	0 4	0 15	1 8	18 42	1 45	19 39	0 11	21 49	1 24	12 18	10 18	20 7	20 0	25 35	15 15	2 8
M 8	16 36	16 17	5 1	16 30	0 4	7 3	1 37	17 48	0 4	0 11	1 8	18 43	1 45	19 40	0 11	21 49	1 24	12 17	10 18	20 10	20 1	25 36	15 17	2 8
T 9	16 53	20 13	4 53	17 4	0s 3	7 31	1 37	18 0	0 5	0 6	1 8	18 45	1 44	19 40	0 11	21 49	1 24	12 17	10 18	20 13	20 2	25 37	15 19	2 8
W10	17 10	23 17	4 33	17 37	0 10	7 59	1 37	18 12	0 6	0 2	1 8	18 46	1 44	19 41	0 11	21 49	1 24	12 17	10 18	20 15	20 2	25 37	15 21	2 9
T 11	17 27	25 19	4 2	18 10	0 16	8 26	1 36	18 23	0 6	0s 2	1 8	18 48	1 44	19 42	0 11	21 49	1 24	12 17	10 18	20 18	20 3	25 38	15 23	2 9
F 12	17 43	26 13	3 19	18 41	0 23	8 54	1 35	18 35	0 7	0 6	1 8	18 49	1 44	19 43	0 11	21 49	1 24	12 17	10 18	20 20	20 4	25 38	15 24	2 9
S 13	18 0	25 56	2 28	19 11	0 29	9 21	1 35	18 46	0 7	0 10	1 8	18 51	1 44	19 44	0 11	21 49	1 24	12 17	10 18	20 21	20 4	25 39	15 26	2 9
S 14	18 15	24 27	1 31	19 41	0 36	9 49	1 34	18 57	0 8	0 14	1 9	18 52	1 44	19 44	0 11	21 49	1 24	12 16	10 18	20 22	20 5	25 40	15 28	2 10
M15	18 31	21 51	0 28	20 9	0 42	10 15	1 33	19 8	0 9	0 18	1 9	18 54	1 44	19 45	0 11	21 49	1 24	12 16	10 18	20 22	20 6	25 40	15 30	2 10
T 16	18 46	18 15	0s36	20 37	0 49	10 42	1 32	19 19	0 9	0 22	1 9	18 55	1 44	19 46	0 11	21 49	1 24	12 16	10 18	20 22	20 7	25 41	15 32	2 10
W17	19 1	13 48	1 40	21 3	0 55	11 9	1 31	19 29	0 10	0 26	1 9	18 57	1 44	19 47	0 11	21 48	1 24	12 16	10 18	20 22	20 7	25 41	15 34	2 11
T 18	19 15	8 40	2 42	21 29	1 1	11 35	1 30	19 40	0 10	0 30	1 9	18 58	1 44	19 48	0 11	21 48	1 24	12 16	10 18	20 22	20 8	25 42	15 36	2 11
F 19	19 29	2 59	3 36	21 53	1 7	12 1	1 29	19 50	0 11	0 34	1 9	18 59	1 44	19 49	0 11	21 48	1 24	12 16	10 18	20 23	20 9	25 42	15 38	2 11
S 20	19 43	3s 1	4 21	22 17	1 13	12 27	1 28	20 0	0 12	0 38	1 10	19 1	1 44	19 49	0 11	21 48	1 24	12 16	10 18	20 23	20 9	25 43	15 40	2 11
S 21	19 57	9 5	4 51	22 39	1 18	12 52	1 27	20 11	0 12	0 41	1 10	19 2	1 44	19 50	0 11	21 48	1 24	12 15	10 18	20 25	20 10	25 44	15 42	2 12
M22	20 10	14 51	5 5	23 0	1 24	13 17	1 26	20 20	0 13	0 45	1 10	19 4	1 44	19 51	0 11	21 48	1 24	12 15	10 18	20 26	20 11	25 44	15 43	2 12
T 23	20 22	19 55	4 57	23 20	1 29	13 42	1 24	20 30	0 13	0 49	1 10	19 5	1 44	19 52	0 11	21 48	1 24	12 15	10 18	20 28	20 11	25 45	15 45	2 12
W24	20 35	23 44	4 29	23 39	1 34	14 6	1 23	20 39	0 14	0 52	1 10	19 7	1 43	19 53	0 11	21 48	1 24	12 15	10 18	20 30	20 12	25 45	15 47	2 13
T 25	20 47	25 53	3 42	23 56	1 39	14 30	1 21	20 49	0 15	0 56	1 11	19 8	1 43	19 53	0 11	21 48	1 24	12 15	10 18	20 32	20 13	25 46	15 49	2 13
F 26	20 58	26 4	2 39	24 12	1 44	14 54	1 20	20 58	0 15	0 59	1 11	19 9	1 43	19 54	0 11	21 47	1 24	12 15	10 18	20 33	20 13	25 46	15 51	2 13
S 27	21 9	24 20	1 26	24 28	1 48	15 18	1 18	21 7	0 16	1 3	1 11	19 11	1 43	19 55	0 11	21 47	1 24	12 15	10 18	20 33	20 14	25 47	15 52	2 13
S 28	21 20	21 1	0 9	24 41	1 53	15 41	1 17	21 15	0 16	1 6	1 11	19 12	1 43	19 56	0 11	21 47	1 24	12 15	10 18	20 34	20 15	25 47	15 54	2 14
M29	21 30	16 31	1n 7	24 54	1 57	16 3	1 15	21 24	0 17	1 10	1 11	19 13	1 43	19 57	0 11	21 47	1 24	12 14	10 18	20 34	20 15	25 48	15 56	2 14
T 30	21s40	11s18	2n16	25s 5	2s 0	16s25	1n13	21s32	0s18	1s13	1n12	19s15	1n43	19s57	0n11	21n47	1s24	12n14	10s18	20s33	20s16	25n48	15s58	2n14

Julian Day Number = 2414229.5, Delta T = -3.99 sec
Ecliptic obliquity = 23°27'14, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'49, Lahiri = 22°25'49

ASTRODIENST EPHEMERIS for the year 1897
geocentric

DECEMBER 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 26	9♐ 6'25	7♓29	21♐37	20♏41	6♐19	5♎58	3♐59	29♏55	21°R28	13°R49	28°R 7	29♑27	9♊43	21♏32	W 1
T 2	4 44 23	10° 7'17	20°21	23° 9	21°57	7° 2	6° 7	4° 7	29°58	21♊27	13♊48	28♑ 6	29°24	9°50	21°40	T 2
F 3	4 48 19	11° 8'09	2♈55	24°40	23°12	7°46	6°16	4°14	0♐ 2	21°25	13°46	28° 3	29°21	9°57	21°48	F 3
S 4	4 52 16	12° 9'02	15°14	26°11	24°27	8°29	6°24	4°21	0° 6	21°23	13°45	27°59	29°18	10° 4	21°56	S 4
S 5	4 56 13	13° 9'57	27°23	27°41	25°42	9°13	6°32	4°28	0° 9	21°22	13°44	27°52	29°15	10°10	22° 3	S 5
M 6	5 0 9	14°10'52	9♉23	29°12	26°58	9°56	6°41	4°35	0°13	21°20	13°43	27°44	29°12	10°17	22°11	M 6
T 7	5 4 6	15°11'47	21°18	0♑41	28°13	10°40	6°49	4°42	0°17	21°18	13°42	27°35	29° 8	10°24	22°19	T 7
W 8	5 8 2	16°12'44	3♊10	2°11	29°28	11°24	6°57	4°49	0°20	21°17	13°41	27°27	29° 5	10°30	22°27	W 8
T 9	5 11 59	17°13'42	15° 1	3°39	0♐43	12° 7	7° 5	4°56	0°24	21°15	13°40	27°20	29° 2	10°37	22°34	T 9
F 10	5 15 55	18°14'40	26°52	5° 7	1°59	12°51	7°12	5° 3	0°28	21°13	13°38	27°14	28°59	10°44	22°42	F 10
S 11	5 19 52	19°15'40	8♋45	6°34	3°14	13°35	7°20	5°10	0°31	21°12	13°37	27°10	28°56	10°50	22°49	S 11
S 12	5 23 48	20°16'40	20°41	8° 1	4°29	14°19	7°27	5°17	0°35	21°10	13°36	27° 8	28°53	10°57	22°57	S 12
M13	5 27 45	21°17'41	2♌44	9°25	5°45	15° 3	7°35	5°24	0°38	21° 8	13°35	27°D 8	28°49	11° 4	23° 4	M13
T 14	5 31 42	22°18'43	14°57	10°49	7° 0	15°47	7°42	5°31	0°42	21° 7	13°34	27° 9	28°46	11°10	23°12	T 14
W15	5 35 38	23°19'45	27°23	12°11	8°16	16°31	7°49	5°38	0°45	21° 5	13°33	27°11	28°43	11°17	23°19	W15
T 16	5 39 35	24°20'49	10♍ 5	13°31	9°31	17°15	7°56	5°45	0°49	21° 3	13°32	27°13	28°40	11°24	23°27	T 16
F 17	5 43 31	25°21'54	23° 8	14°48	10°46	17°59	8° 3	5°52	0°52	21° 1	13°30	27°R14	28°37	11°31	23°34	F 17
S 18	5 47 28	26°22'59	6♎35	16° 3	12° 2	18°43	8° 9	5°58	0°56	21° 0	13°29	27°13	28°33	11°37	23°41	S 18
S 19	5 51 24	27°24'05	20°28	17°14	13°17	19°27	8°16	6° 5	0°59	20°58	13°28	27°11	28°30	11°44	23°48	S 19
M20	5 55 21	28°25'12	4♏47	18°22	14°32	20°12	8°22	6°12	1° 3	20°56	13°27	27° 8	28°27	11°51	23°56	M20
T 21	5 59 17	29°26'20	19°30	19°26	15°48	20°56	8°28	6°19	1° 6	20°55	13°26	27° 4	28°24	11°57	24° 3	T 21
W22	6 3 14	0♑27'29	4♐32	20°25	17° 3	21°40	8°34	6°25	1° 9	20°53	13°25	27° 0	28°21	12° 4	24°10	W22
T 23	6 7 11	1°28'38	19°43	21°18	18°19	22°25	8°40	6°32	1°13	20°51	13°24	26°57	28°18	12°11	24°17	T 23
F 24	6 11 7	2°29'48	4♑54	22° 4	19°34	23° 9	8°46	6°39	1°16	20°50	13°23	26°54	28°14	12°17	24°24	F 24
S 25	6 15 4	3°30'58	19°55	22°43	20°50	23°54	8°51	6°46	1°19	20°48	13°22	26°D53	28°11	12°24	24°31	S 25
S 26	6 19 0	4°32'08	4♒38	23°14	22° 5	24°38	8°57	6°52	1°23	20°46	13°21	26°53	28° 8	12°31	24°38	S 26
M27	6 22 57	5°33'18	18°57	23°35	23°20	25°23	9° 2	6°59	1°26	20°45	13°19	26°54	28° 5	12°37	24°44	M27
T 28	6 26 53	6°34'28	2♓48	23°47	24°36	26° 8	9° 7	7° 5	1°29	20°43	13°18	26°55	28° 2	12°44	24°51	T 28
W29	6 30 50	7°35'38	16°13	23°R48	25°51	26°52	9°12	7°12	1°32	20°41	13°17	26°57	27°59	12°51	24°58	W29
T 30	6 34 47	8°36'48	29°12	23°37	27° 7	27°37	9°17	7°18	1°35	20°40	13°16	26°58	27°55	12°57	25° 5	T 30
F 31	6 38 43	9♑37'57	11♈49	23♑14	28♐22	28♐22	9♎21	7♐25	1♐38	20♊38	13♊15	26°R58	27♑52	13♊ 4	25♏11	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	21s50	5s44	3n16	25s15	2s 4	16s47	1n12	21s41	0s18	1s17	1n12	19s16	1n43	19s58	0n11	21n47	1s24	12n14	10s18	20s33	20s17	25n48	15s59	2n15
T 2	21 59	0 5	4 4	25 23	2 7	17 8	1 10	21 48	0 19	1 20	1 12	19 18	1 43	19 59	0 11	21 47	1 24	12 14	10 18	20 33	20 17	25 49	16 1	2 15
F 3	22 7	5n26	4 39	25 30	2 10	17 29	1 8	21 56	0 19	1 23	1 12	19 19	1 43	20 0	0 11	21 47	1 24	12 14	10 18	20 34	20 18	25 49	16 3	2 15
S 4	22 16	10 37	5 1	25 36	2 12	17 50	1 6	22 4	0 20	1 26	1 12	19 20	1 43	20 0	0 11	21 47	1 24	12 14	10 18	20 35	20 19	25 50	16 4	2 16
S 5	22 24	15 20	5 8	25 40	2 14	18 9	1 4	22 11	0 21	1 29	1 13	19 21	1 43	20 1	0 11	21 46	1 24	12 14	10 18	20 36	20 19	25 50	16 6	2 16
M 6	22 31	19 24	5 2	25 43	2 16	18 29	1 2	22 18	0 21	1 32	1 13	19 23	1 43	20 2	0 11	21 46	1 24	12 14	10 18	20 38	20 20	25 51	16 8	2 16
T 7	22 38	22 38	4 43	25 45	2 17	18 48	1 0	22 25	0 22	1 35	1 13	19 24	1 43	20 3	0 11	21 46	1 24	12 14	10 18	20 39	20 21	25 51	16 9	2 17
W 8	22 44	24 54	4 11	25 44	2 18	19 6	0 58	22 32	0 22	1 38	1 13	19 25	1 43	20 4	0 11	21 46	1 24	12 14	10 18	20 41	20 21	25 51	16 11	2 17
T 9	22 50	26 4	3 29	25 43	2 19	19 24	0 56	22 38	0 23	1 41	1 13	19 27	1 43	20 4	0 11	21 46	1 24	12 13	10 18	20 42	20 22	25 52	16 13	2 17
F 10	22 56	26 2	2 37	25 40	2 19	19 41	0 54	22 45	0 24	1 44	1 14	19 28	1 43	20 5	0 11	21 46	1 24	12 13	10 18	20 44	20 23	25 52	16 14	2 18
S 11	23 1	24 48	1 39	25 35	2 18	19 58	0 52	22 51	0 24	1 47	1 14	19 29	1 43	20 6	0 11	21 46	1 24	12 13	10 18	20 44	20 23	25 53	16 16	2 18
S 12	23 6	22 26	0 35	25 29	2 17	20 14	0 50	22 56	0 25	1 50	1 14	19 30	1 43	20 7	0 11	21 46	1 24	12 13	10 18	20 45	20 24	25 53	16 17	2 18
M13	23 10	19 4	0s31	25 22	2 15	20 30	0 47	23 2	0 25	1 52	1 14	19 32	1 43	20 7	0 11	21 46	1 24	12 13	10 18	20 45	20 24	25 53	16 19	2 19
T 14	23 14	14 50	1 36	25 13	2 13	20 45	0 45	23 7	0 26	1 55	1 15	19 33	1 43	20 8	0 11	21 46	1 24	12 13	10 18	20 44	20 25	25 54	16 20	2 19
W15	23 17	9 55	2 38	25 3	2 10	21 0	0 43	23 13	0 27	1 57	1 15	19 34	1 43	20 9	0 11	21 45	1 24	12 13	10 18	20 44	20 26	25 54	16 22	2 20
T 16	23 20	4 30	3 34	24 51	2 6	21 13	0 41	23 18	0 27	2 0	1 15	19 35	1 43	20 10	0 11	21 45	1 24	12 13	10 18	20 44	20 26	25 55	16 23	2 20
F 17	23 22	1s15	4 20	24 38	2 1	21 27	0 38	23 22	0 28	2 2	1 15	19 36	1 43	20 10	0 11	21 45	1 24	12 13	10 17	20 44	20 27	25 55	16 25	2 20
S 18	23 24	7 6	4 53	24 24	1 56	21 39	0 36	23 27	0 28	2 5	1 15	19 38	1 43	20 11	0 11	21 45	1 24	12 13	10 17	20 44	20 28	25 55	16 26	2 21
S 19	23 26	12 48	5 11	24 9	1 49	21 51	0 34	23 31	0 29	2 7	1 16	19 39	1 43	20 12	0 11	21 45	1 24	12 13	10 17	20 44	20 28	25 56	16 27	2 21
M20	23 27	18 0	5 11	23 52	1 42	22 3	0 31	23 35	0 29	2 9	1 16	19 40	1 43	20 12	0 11	21 45	1 24	12 13	10 17	20 45	20 29	25 56	16 29	2 21
T 21	23 27	22 16	4 50	23 35	1 33	22 13	0 29	23 39	0 30	2 12	1 16	19 41	1 43	20 13	0 11	21 45	1 24	12 13	10 17	20 45	20 30	25 56	16 30	2 22
W22	23 27	25 8	4 9	23 17	1 24	22 23	0 26	23 42	0 31	2 14	1 16	19 42	1 43	20 14	0 11	21 45	1 24	12 13	10 17	20 46	20 30	25 56	16 32	2 22
T 23	23 27	26 13	3 10	22 58	1 13	22 33	0 24	23 45	0 31	2 16	1 17	19 43	1 43	20 14	0 11	21 45	1 24	12 13	10 17	20 47	20 31	25 57	16 33	2 23
F 24	23 26	25 20	1 58	22 39	1 2	22 41	0 21	23 48	0 32	2 18	1 17	19 44	1 43	20 15	0 11	21 45	1 24	12 13	10 17	20 47	20 32	25 57	16 34	2 23
S 25	23 24	22 36	0 38	22 20	0 49	22 49	0 19	23 51	0 32	2 20	1 17	19 45	1 43	20 16	0 11	21 44	1 24	12 13	10 17	20 48	20 32	25 57	16 35	2 23
S 26	23 23	18 26	0n43	22 1	0 34	22 56	0 17	23 54	0 33	2 22	1 17	19 47	1 43	20 17	0 11	21 44	1 24	12 13	10 17	20 48	20 33	25 58	16 37	2 24
M27	23 20	13 16	1 59	21 42	0 19	23 3	0 14	23 56	0 34	2 24	1 18	19 48	1 43	20 17	0 11	21 44	1 24	12 13	10 16	20 47	20 33	25 58	16 38	2 24
T 28	23 17	7 36	3 5	21 24	0 3	23 9	0 12	23 58	0 34	2 25	1 18	19 49	1 43	20 18	0 11	21 44	1 24	12 13	10 16	20 47	20 34	25 58	16 39	2 25
W29	23 14	1 46	4 0	21 7	0n15	23 14	0 9	24 0	0 35	2 27	1 18	19 50	1 43	20 18	0 11	21 44	1 24	12 13	10 16	20 47	20 35	25 58	16 40	2 25
T 30	23 10	3n57	4 40	20 51	0 33	23 19	0 7	24 1	0 35	2 29	1 18	19 51	1 43	20 19	0 11	21 44	1 24	12 13	10 16	20 47	20 35	25 59	16 41	2 26
F 31	23s 6	9n21	5n 5	20s36	0n52	23s22	0n 4	24s 2	0s36	2s30	1n19	19s52	1n43	20s20	0n11	21n44	1s24	12n13	10s16	20s47	20s36	25n59	16s43	2n26

Julian Day Number = 2414259.5, Delta T = -3.93 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'53, Lahiri = 22°25'53