Astrodienst Ephemeris Tables

for the year 2116

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 2116
geocentric

JANUARY 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 39 29	9♑41'52	18♋38	25°R18	19♒55	8♐ 1	6♒12	18♈ 9	25°R51	22♎ 8	17°R48	13°R 2	11♉32	3♒12	16♓27	W 1
T 2	6 43 26	10°43'00	3♌53	24♐48	21° 7	8°43	6°25	18°10	25♊48	22° 8	17♉48	12♉52	11°28	3°18	16°29	T 2
F 3	6 47 23	11°44'08	19° 0	24°27	22°19	9°25	6°39	18°12	25°46	22° 9	17°47	12°43	11°25	3°25	16°31	F 3
S 4	6 51 19	12°45'16	3♍50	24°17	23°31	10° 7	6°53	18°13	25°44	22°10	17°46	12°36	11°22	3°32	16°33	S 4
S 5	6 55 16	13°46'24	18°15	24°D17	24°42	10°49	7° 6	18°15	25°41	22°10	17°46	12°31	11°19	3°38	16°35	S 5
M 6	6 59 12	14°47'33	2♎15	24°25	25°54	11°31	7°20	18°16	25°39	22°11	17°45	12°28	11°16	3°45	16°37	M 6
T 7	7 3 9	15°48'42	15°47	24°42	27° 5	12°13	7°34	18°18	25°36	22°12	17°45	12°D27	11°12	3°52	16°40	T 7
W 8	7 7 5	16°49'51	28°56	25° 6	28°16	12°55	7°47	18°20	25°34	22°12	17°44	12°28	11° 9	3°59	16°42	W 8
T 9	7 11 2	17°51'01	11♏44	25°36	29°28	13°37	8° 1	18°22	25°32	22°13	17°44	12°R28	11° 6	4° 5	16°44	T 9
F 10	7 14 58	18°52'10	24°15	26°13	0♓39	14°19	8°15	18°24	25°29	22°13	17°43	12°27	11° 3	4°12	16°46	F 10
S 11	7 18 55	19°53'20	6♐33	26°55	1°50	15° 1	8°29	18°26	25°27	22°14	17°43	12°25	11° 0	4°19	16°49	S 11
S 12	7 22 52	20°54'30	18°42	27°42	3° 1	15°43	8°43	18°28	25°25	22°14	17°42	12°19	10°57	4°25	16°51	S 12
M13	7 26 48	21°55'40	0♑44	28°33	4°12	16°26	8°56	18°31	25°23	22°15	17°42	12°10	10°53	4°32	16°54	M13
T 14	7 30 45	22°56'50	12°42	29°29	5°22	17° 8	9°10	18°33	25°20	22°15	17°41	11°59	10°50	4°39	16°56	T 14
W15	7 34 41	23°57'59	24°36	0♑27	6°33	17°50	9°24	18°36	25°18	22°15	17°41	11°46	10°47	4°46	16°59	W15
T 16	7 38 38	24°59'08	6♒28	1°29	7°43	18°32	9°38	18°39	25°16	22°15	17°41	11°31	10°44	4°52	17° 1	T 16
F 17	7 42 34	26° 0'17	18°20	2°34	8°54	19°15	9°52	18°41	25°14	22°16	17°40	11°17	10°41	4°59	17° 4	F 17
S 18	7 46 31	27° 1'25	0♓13	3°41	10° 4	19°57	10° 7	18°44	25°12	22°16	17°40	11° 4	10°38	5° 6	17° 7	S 18
S 19	7 50 27	28° 2'33	12° 9	4°50	11°14	20°40	10°21	18°47	25°10	22°16	17°40	10°53	10°34	5°13	17° 9	S 19
M20	7 54 24	29° 3'39	24°10	6° 1	12°24	21°22	10°35	18°50	25° 8	22°16	17°40	10°46	10°31	5°19	17°12	M20
T 21	7 58 21	0♒ 4'45	6♈20	7°15	13°34	22° 4	10°49	18°54	25° 6	22°16	17°39	10°41	10°28	5°26	17°15	T 21
W22	8 2 17	1° 5'50	18°43	8°30	14°43	22°47	11° 3	18°57	25° 4	22°16	17°39	10°39	10°25	5°33	17°18	W22
T 23	8 6 14	2° 6'55	1♉24	9°46	15°53	23°29	11°17	19° 0	25° 2	22°17	17°39	10°D38	10°22	5°39	17°21	T 23
F 24	8 10 10	3° 7'58	14°28	11° 4	17° 2	24°12	11°31	19° 4	25° 0	22°R17	17°39	10°R38	10°18	5°46	17°24	F 24
S 25	8 14 7	4° 9'01	27°58	12°23	18°11	24°55	11°45	19° 7	24°58	22°17	17°38	10°37	10°15	5°53	17°27	S 25
S 26	8 18 3	5°10'02	11♊57	13°44	19°20	25°37	12° 0	19°11	24°57	22°16	17°38	10°35	10°12	6° 0	17°30	S 26
M27	8 22 0	6°11'03	26°25	15° 5	20°29	26°20	12°14	19°15	24°55	22°16	17°38	10°29	10° 9	6° 6	17°33	M27
T 28	8 25 57	7°12'03	11♋20	16°28	21°38	27° 3	12°28	19°19	24°53	22°16	17°38	10°21	10° 6	6°13	17°36	T 28
W29	8 29 53	8°13'02	26°34	17°51	22°46	27°45	12°42	19°23	24°51	22°16	17°38	10°11	10° 3	6°20	17°39	W29
T 30	8 33 50	9°13'59	11♌57	19°16	23°55	28°28	12°57	19°27	24°50	22°16	17°38	9°59	9°59	6°27	17°42	T 30
F 31	8 37 46	10♒14'56	27♌17	20♑42	25♓ 3	29♐11	13♒11	19♈31	24♊48	22♎16	17♉38	9♉47	9♉56	6♒33	17♓45	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	23s 4	26n43	4n37	20s13	3n 8	16s36	1s52	21s36	0n 2	19s14	0s33	4n46	2s32	23n32	0n10	7s 7	1n37	2n 9	15s34	15n44	15n17	24s23	1s13	4n29
T 2	23 0	24 8	5 1	20 12	3 8	16 12	1 51	21 43	0 2	19 11	0 33	4 47	2 32	23 32	0 10	7 7	1 37	2 9	15 34	15 42	15 16	24 21	1 12	4 29
F 3	22 54	19 54	5 2	20 13	3 5	15 47	1 49	21 50	0 1	19 8	0 33	4 48	2 32	23 32	0 10	7 7	1 37	2 9	15 34	15 39	15 15	24 20	1 12	4 28
S 4	22 49	14 30	4 44	20 17	3 2	15 22	1 47	21 57	0 0	19 4	0 33	4 48	2 31	23 32	0 10	7 8	1 37	2 9	15 33	15 37	15 14	24 18	1 11	4 28
S 5	22 43	8 26	4 8	20 21	2 57	14 56	1 46	22 4	0s 0	19 1	0 33	4 49	2 31	23 32	0 10	7 8	1 37	2 9	15 33	15 35	15 13	24 17	1 11	4 28
M 6	22 36	2 7	3 17	20 28	2 51	14 30	1 44	22 10	0 1	18 58	0 33	4 50	2 31	23 31	0 10	7 8	1 37	2 9	15 33	15 34	15 12	24 15	1 10	4 27
T 7	22 29	4s 6	2 17	20 35	2 44	14 4	1 42	22 16	0 2	18 54	0 33	4 51	2 30	23 31	0 10	7 8	1 37	2 10	15 32	15 34	15 11	24 14	1 9	4 27
W 8	22 22	9 58	1 12	20 43	2 37	13 38	1 40	22 22	0 2	18 51	0 33	4 52	2 30	23 31	0 10	7 8	1 37	2 10	15 32	15 34	15 10	24 12	1 9	4 27
T 9	22 14	15 17	0 4	20 53	2 29	13 11	1 37	22 28	0 3	18 47	0 33	4 53	2 30	23 31	0 10	7 8	1 37	2 10	15 32	15 34	15 9	24 11	1 8	4 27
F 10	22 6	19 50	1s 2	21 2	2 20	12 43	1 35	22 34	0 4	18 44	0 33	4 54	2 30	23 31	0 10	7 9	1 37	2 10	15 31	15 34	15 8	24 9	1 8	4 26
S 11	21 57	23 26	2 4	21 12	2 11	12 16	1 33	22 39	0 4	18 40	0 33	4 55	2 29	23 31	0 10	7 9	1 37	2 10	15 31	15 33	15 7	24 8	1 7	4 26
S 12	21 48	25 56	3 0	21 22	2 2	11 48	1 30	22 45	0 5	18 37	0 33	4 56	2 29	23 31	0 10	7 9	1 37	2 10	15 31	15 31	15 6	24 6	1 6	4 26
M13	21 39	27 12	3 46	21 32	1 53	11 20	1 28	22 50	0 6	18 33	0 33	4 57	2 29	23 31	0 10	7 9	1 37	2 11	15 31	15 29	15 5	24 5	1 6	4 26
T 14	21 29	27 11	4 23	21 42	1 44	10 51	1 25	22 55	0 6	18 29	0 33	4 59	2 29	23 31	0 10	7 9	1 37	2 11	15 30	15 25	15 4	24 3	1 5	4 25
W15	21 18	25 54	4 47	21 51	1 34	10 23	1 22	22 59	0 7	18 26	0 34	5 0	2 28	23 31	0 10	7 9	1 38	2 11	15 30	15 21	15 3	24 2	1 4	4 25
T 16	21 7	23 28	4 59	22 0	1 25	9 54	1 19	23 4	0 8	18 22	0 34	5 1	2 28	23 31	0 10	7 9	1 38	2 11	15 30	15 17	15 2	24 0	1 3	4 25
F 17	20 56	20 2	4 58	22 8	1 16	9 25	1 16	23 8	0 9	18 18	0 34	5 2	2 28	23 31	0 10	7 9	1 38	2 11	15 29	15 12	15 1	23 58	1 2	4 25
S 18	20 45	15 49	4 44	22 16	1 6	8 55	1 13	23 12	0 9	18 15	0 34	5 4	2 28	23 31	0 10	7 9	1 38	2 12	15 29	15 8	15 0	23 57	1 2	4 24
S 19	20 33	10 58	4 17	22 23	0 57	8 26	1 10	23 16	0 10	18 11	0 34	5 5	2 27	23 31	0 10	7 9	1 38	2 12	15 29	15 5	14 59	23 55	1 1	4 24
M20	20 20	5 40	3 39	22 30	0 48	7 56	1 7	23 19	0 11	18 7	0 34	5 7	2 27	23 30	0 10	7 9	1 38	2 12	15 28	15 3	14 58	23 54	1 0	4 24
T 21	20 7	0 6	2 51	22 35	0 39	7 26	1 3	23 23	0 11	18 3	0 34	5 8	2 27	23 30	0 10	7 9	1 38	2 12	15 28	15 1	14 57	23 52	0 59	4 24
W22	19 54	5n35	1 53	22 39	0 30	6 56	1 0	23 26	0 12	17 59	0 34	5 9	2 26	23 30	0 10	7 9	1 38	2 13	15 28	15 1	14 56	23 50	0 58	4 23
T 23	19 41	11 12	0 49	22 43	0 21	6 26	0 56	23 29	0 13	17 56	0 34	5 11	2 26	23 30	0 10	7 9	1 38	2 13	15 27	15 0	14 55	23 49	0 57	4 23
F 24	19 27	16 29	0n20	22 45	0 13	5 55	0 53	23 31	0 13	17 52	0 34	5 13	2 26	23 30	0 10	7 9	1 38	2 13	15 27	15 0	14 54	23 47	0 56	4 23
S 25	19 13	21 10	1 30	22 47	0 4	5 25	0 49	23 34	0 14	17 48	0 34	5 14	2 26	23 30	0 10	7 9	1 38	2 13	15 27	15 0	14 53	23 46	0 56	4 23
S 26	18 58	24 48	2 37	22 47	0s 4	4 54	0 45	23 36	0 15	17 44	0 34	5 16	2 25	23 30	0 10	7 9	1 38	2 14	15 26	14 59	14 52	23 44	0 55	4 22
M27	18 43	26 59	3 36	22 46	0 12	4 24	0 41	23 38	0 16	17 40	0 34	5 17	2 25	23 30	0 10	7 9	1 38	2 14	15 26	14 58	14 51	23 42	0 54	4 22
T 28	18 28	27 18	4 23	22 44	0 20	3 53	0 37	23 40	0 16	17 36	0 34	5 19	2 25	23 30	0 10	7 9	1 38	2 14	15 26	14 55	14 50	23 41	0 53	4 22
W29	18 12	25 36	4 51	22 41	0 27	3 22	0 33	23 42	0 17	17 32	0 34	5 21	2 25	23 30	0 10	7 9	1 38	2 15	15 25	14 52	14 49	23 39	0 52	4 22
T 30	17 56	21 59	5 0	22 37	0 35	2 51	0 29	23 43	0 18	17 28	0 35	5 23	2 24	23 30	0 10	7 8	1 38	2 15	15 25	14 48	14 48	23 37	0 51	4 22
F 31	17s40	16n53	4n46	22s32	0s42	2s20	0s24	23s44	0s19	17s24	0s35	5n24	2s24	23n30	0n10	7s 8	1n38	2n15	15s25	14n44	14n47	23s36	0s50	4n21

Julian Day Number = 2493912.5, Delta T = 101.11 sec
Ecliptic obliquity = 23°25'33, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'40, Lahiri = 25°28'40

ASTRODIENST EPHEMERIS for the year 2116
geocentric

FEBRUARY 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 41 43	11♒15'52	12♍22	22♑ 8	26♓11	29♐54	13♒25	19♈35	24°R47	22°R15	17°D38	9°R37	9♉53	6♒40	17♓48	S 1
S 2	8 45 39	12°16'47	27° 4	23°35	27°18	0♑36	13°39	19°39	24♊45	22♎15	17♉38	9♉30	9°50	6°47	17°51	S 2
M 3	8 49 36	13°17'42	11♎17	25° 3	28°26	1°19	13°54	19°44	24°44	22°15	17°38	9°25	9°47	6°53	17°55	M 3
T 4	8 53 32	14°18'35	25° 0	26°32	29°33	2° 2	14° 8	19°48	24°42	22°14	17°38	9°23	9°44	7° 0	17°58	T 4
W 5	8 57 29	15°19'28	8♏14	28° 2	0♈40	2°45	14°22	19°53	24°41	22°14	17°38	9°23	9°40	7° 7	18° 1	W 5
T 6	9 1 25	16°20'20	21° 4	29°32	1°47	3°28	14°36	19°58	24°39	22°14	17°38	9°23	9°37	7°14	18° 4	T 6
F 7	9 5 22	17°21'12	3♐33	1♒ 3	2°54	4°11	14°51	20° 2	24°38	22°13	17°38	9°22	9°34	7°20	18° 8	F 7
S 8	9 9 19	18°22'02	15°46	2°36	4° 0	4°54	15° 5	20° 7	24°37	22°13	17°38	9°19	9°31	7°27	18°11	S 8
S 9	9 13 15	19°22'52	27°49	4° 8	5° 6	5°37	15°19	20°12	24°36	22°12	17°39	9°14	9°28	7°34	18°15	S 9
M10	9 17 12	20°23'41	9♑44	5°42	6°12	6°20	15°33	20°17	24°35	22°12	17°39	9° 5	9°24	7°40	18°18	M10
T 11	9 21 8	21°24'28	21°37	7°16	7°18	7° 4	15°48	20°22	24°34	22°11	17°39	8°54	9°21	7°47	18°21	T 11
W12	9 25 5	22°25'15	3♒28	8°51	8°23	7°47	16° 2	20°27	24°33	22°10	17°39	8°40	9°18	7°54	18°25	W12
T 13	9 29 1	23°26'00	15°20	10°27	9°28	8°30	16°16	20°32	24°32	22°10	17°40	8°26	9°15	8° 1	18°28	T 13
F 14	9 32 58	24°26'44	27°15	12° 4	10°33	9°13	16°30	20°38	24°31	22° 9	17°40	8°12	9°12	8° 7	18°32	F 14
S 15	9 36 55	25°27'26	9♓12	13°42	11°38	9°56	16°45	20°43	24°30	22° 8	17°40	7°59	9° 9	8°14	18°35	S 15
S 16	9 40 51	26°28'07	21°15	15°20	12°42	10°40	16°59	20°48	24°29	22° 8	17°40	7°48	9° 5	8°21	18°39	S 16
M17	9 44 48	27°28'47	3♈24	16°59	13°46	11°23	17°13	20°54	24°28	22° 7	17°41	7°40	9° 2	8°28	18°42	M17
T 18	9 48 44	28°29'25	15°41	18°39	14°49	12° 6	17°27	21° 0	24°27	22° 6	17°41	7°35	8°59	8°34	18°46	T 18
W19	9 52 41	29°30'01	28°10	20°20	15°53	12°50	17°41	21° 5	24°27	22° 5	17°41	7°33	8°56	8°41	18°50	W19
T 20	9 56 37	0♓30'35	10♉53	22° 2	16°56	13°33	17°55	21°11	24°26	22° 4	17°42	7°D32	8°53	8°48	18°53	T 20
F 21	10 0 34	1°31'08	23°54	23°45	17°58	14°17	18°10	21°17	24°25	22° 4	17°42	7°33	8°50	8°54	18°57	F 21
S 22	10 4 30	2°31'39	7♊17	25°29	19° 0	15° 0	18°24	21°22	24°25	22° 3	17°43	7°R33	8°46	9° 1	19° 1	S 22
S 23	10 8 27	3°32'08	21° 5	27°13	20° 2	15°44	18°38	21°28	24°24	22° 2	17°43	7°32	8°43	9° 8	19° 4	S 23
M24	10 12 24	4°32'36	5♋18	28°59	21° 4	16°27	18°52	21°34	24°24	22° 1	17°44	7°28	8°40	9°15	19° 8	M24
T 25	10 16 20	5°33'01	19°56	0♓45	22° 5	17°11	19° 6	21°40	24°24	22° 0	17°44	7°22	8°37	9°21	19°12	T 25
W26	10 20 17	6°33'25	4♌53	2°33	23° 5	17°54	19°20	21°46	24°23	21°59	17°45	7°14	8°34	9°28	19°15	W26
T 27	10 24 13	7°33'47	20° 3	4°21	24° 6	18°38	19°34	21°53	24°23	21°58	17°45	7° 5	8°30	9°35	19°19	T 27
F 28	10 28 10	8°34'06	5♍15	6°10	25° 5	19°21	19°48	21°59	24°23	21°57	17°46	6°55	8°27	9°42	19°23	F 28
S 29	10 32 6	9♓34'25	20♍19	8♓ 0	26♈ 4	20♑ 5	20♒ 1	22♈ 5	24♊23	21♎56	17♉46	6♉47	8♉24	9♒48	19♓26	S 29

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	17s23	10n48	4n13	22s25	0s49	1s49	0s20	23s45	0s19	17s20	0s35	5n26	2s24	23n30	0n10	7s 8	1n39	2n16	15s24	14n41	14n46	23s34	0s49	4n21
S 2	17 6	4 16	3 23	22 17	0 56	1 18	0 15	23 46	0 20	17 16	0 35	5 28	2 24	23 30	0 10	7 8	1 39	2 16	15 24	14 39	14 45	23 32	0 47	4 21
M 3	16 49	2s17	2 22	22 8	1 2	0 47	0 11	23 46	0 21	17 12	0 35	5 30	2 24	23 30	0 10	7 8	1 39	2 16	15 24	14 37	14 44	23 30	0 46	4 21
T 4	16 32	8 30	1 15	21 57	1 8	0 16	0 6	23 46	0 22	17 8	0 35	5 32	2 23	23 30	0 10	7 8	1 39	2 17	15 23	14 37	14 43	23 29	0 45	4 21
W 5	16 14	14 9	0 6	21 45	1 14	0n15	0 1	23 46	0 22	17 4	0 35	5 34	2 23	23 29	0 10	7 7	1 39	2 17	15 23	14 37	14 42	23 27	0 44	4 20
T 6	15 56	19 0	1s 1	21 32	1 20	0 46	0n 4	23 46	0 23	17 0	0 35	5 36	2 23	23 29	0 10	7 7	1 39	2 17	15 23	14 37	14 41	23 25	0 43	4 20
F 7	15 38	22 53	2 4	21 18	1 25	1 17	0 8	23 46	0 24	16 56	0 35	5 38	2 23	23 29	0 10	7 7	1 39	2 18	15 22	14 36	14 40	23 24	0 42	4 20
S 8	15 19	25 38	2 59	21 2	1 30	1 48	0 13	23 45	0 25	16 52	0 35	5 40	2 22	23 29	0 10	7 7	1 39	2 18	15 22	14 35	14 39	23 22	0 41	4 20
S 9	15 0	27 10	3 46	20 45	1 35	2 19	0 19	23 44	0 26	16 48	0 35	5 42	2 22	23 29	0 10	7 7	1 39	2 18	15 22	14 34	14 38	23 20	0 40	4 20
M10	14 41	27 26	4 22	20 27	1 39	2 49	0 24	23 43	0 26	16 44	0 35	5 44	2 22	23 29	0 10	7 6	1 39	2 19	15 21	14 31	14 37	23 18	0 39	4 19
T 11	14 22	26 24	4 47	20 7	1 44	3 20	0 29	23 41	0 27	16 40	0 36	5 46	2 22	23 29	0 10	7 6	1 39	2 19	15 21	14 27	14 36	23 17	0 37	4 19
W12	14 2	24 12	4 59	19 46	1 47	3 51	0 34	23 40	0 28	16 35	0 36	5 48	2 22	23 29	0 10	7 6	1 39	2 20	15 21	14 23	14 35	23 15	0 36	4 19
T 13	13 42	20 58	4 58	19 23	1 51	4 21	0 40	23 38	0 29	16 31	0 36	5 50	2 21	23 29	0 10	7 5	1 39	2 20	15 20	14 18	14 34	23 13	0 35	4 19
F 14	13 22	16 52	4 44	19 0	1 54	4 52	0 45	23 36	0 29	16 27	0 36	5 52	2 21	23 29	0 10	7 5	1 39	2 20	15 20	14 14	14 33	23 11	0 34	4 19
S 15	13 2	12 5	4 17	18 34	1 57	5 22	0 51	23 33	0 30	16 23	0 36	5 54	2 21	23 29	0 10	7 5	1 39	2 21	15 20	14 10	14 32	23 10	0 32	4 19
S 16	12 41	6 49	3 39	18 8	2 0	5 52	0 56	23 31	0 31	16 19	0 36	5 57	2 21	23 29	0 10	7 5	1 39	2 21	15 19	14 6	14 31	23 8	0 31	4 19
M17	12 20	1 15	2 50	17 40	2 2	6 23	1 2	23 28	0 32	16 14	0 36	5 59	2 21	23 29	0 10	7 4	1 39	2 22	15 19	14 4	14 30	23 6	0 30	4 18
T 18	12 0	4n26	1 53	17 11	2 4	6 52	1 7	23 25	0 33	16 10	0 36	6 1	2 20	23 29	0 10	7 4	1 39	2 22	15 19	14 2	14 29	23 4	0 29	4 18
W19	11 38	10 3	0 50	16 40	2 5	7 22	1 13	23 22	0 33	16 6	0 36	6 3	2 20	23 29	0 10	7 3	1 40	2 22	15 18	14 1	14 28	23 2	0 27	4 18
T 20	11 17	15 22	0n18	16 9	2 6	7 52	1 19	23 18	0 34	16 2	0 36	6 6	2 20	23 29	0 10	7 3	1 40	2 23	15 18	14 1	14 27	23 1	0 26	4 18
F 21	10 56	20 8	1 26	15 35	2 7	8 21	1 25	23 15	0 35	15 58	0 37	6 8	2 20	23 29	0 10	7 3	1 40	2 23	15 18	14 1	14 26	22 59	0 25	4 18
S 22	10 34	24 0	2 31	15 1	2 7	8 50	1 31	23 11	0 36	15 53	0 37	6 10	2 20	23 29	0 10	7 2	1 40	2 24	15 17	14 1	14 25	22 57	0 24	4 18
S 23	10 12	26 37	3 30	14 25	2 7	9 19	1 37	23 7	0 37	15 49	0 37	6 13	2 19	23 29	0 10	7 2	1 40	2 24	15 17	14 1	14 24	22 55	0 22	4 18
M24	9 50	27 37	4 18	13 47	2 6	9 48	1 43	23 2	0 38	15 45	0 37	6 15	2 19	23 29	0 10	7 2	1 40	2 25	15 17	14 0	14 23	22 53	0 21	4 17
T 25	9 28	26 44	4 50	13 9	2 5	10 17	1 49	22 57	0 38	15 41	0 37	6 17	2 19	23 29	0 10	7 1	1 40	2 25	15 16	13 58	14 22	22 52	0 20	4 17
W26	9 6	23 56	5 3	12 29	2 3	10 45	1 55	22 53	0 39	15 36	0 37	6 20	2 19	23 29	0 10	7 1	1 40	2 25	15 16	13 55	14 21	22 50	0 18	4 17
T 27	8 44	19 28	4 56	11 47	2 1	11 13	2 1	22 48	0 40	15 32	0 37	6 22	2 19	23 29	0 10	7 0	1 40	2 26	15 16	13 52	14 20	22 48	0 17	4 17
F 28	8 21	13 44	4 28	11 5	1 59	11 41	2 7	22 42	0 41	15 28	0 37	6 25	2 19	23 29	0 10	7 0	1 40	2 26	15 15	13 49	14 19	22 46	0 16	4 17
S 29	7s59	7n13	3n41	10s21	1s56	12n 8	2n14	22s37	0s42	15s23	0s37	6n27	2s18	23n29	0n10	6s59	1n40	2n27	15s15	13n46	14n18	22s44	0s14	4n17

Julian Day Number = 2493943.5, Delta T = 101.16 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'44, Lahiri = 25°28'44

ASTRODIENST EPHEMERIS for the year 2116
geocentric

MARCH 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 3	10♓34'41	5♎ 4	9♓52	27♈ 3	20♑49	20♒15	22♈11	24°R22	21°R54	17♉47	6°R41	8♉21	9♒55	19♓30	S 1
M 2	10 39 59	11°34'56	19°25	11°44	28° 2	21°32	20°29	22°18	24♊22	21♎53	17°48	6♉38	8°18	10° 2	19°34	M 2
T 3	10 43 56	12°35'09	3♏16	13°37	28°59	22°16	20°43	22°24	24°D22	21°52	17°48	6°D36	8°15	10° 8	19°38	T 3
W 4	10 47 52	13°35'21	16°40	15°30	29°57	23° 0	20°57	22°31	24°22	21°51	17°49	6°37	8°11	10°15	19°41	W 4
T 5	10 51 49	14°35'31	29°37	17°25	0♑53	23°44	21°10	22°37	24°23	21°50	17°50	6°38	8° 8	10°22	19°45	T 5
F 6	10 55 46	15°35'40	12♐11	19°20	1°50	24°27	21°24	22°44	24°23	21°48	17°50	6°R38	8° 5	10°29	19°49	F 6
S 7	10 59 42	16°35'47	24°27	21°16	2°45	25°11	21°38	22°50	24°23	21°47	17°51	6°38	8° 2	10°35	19°53	S 7
S 8	11 3 39	17°35'53	6♑30	23°12	3°40	25°55	21°51	22°57	24°23	21°46	17°52	6°36	7°59	10°42	19°56	S 8
M 9	11 7 35	18°35'57	18°25	25° 9	4°35	26°39	22° 5	23° 4	24°23	21°45	17°53	6°32	7°56	10°49	20° 0	M 9
T 10	11 11 32	19°36'00	0♒17	27° 6	5°28	27°23	22°18	23°10	24°24	21°43	17°53	6°26	7°52	10°55	20° 4	T 10
W11	11 15 28	20°36'01	12° 7	29° 2	6°21	28° 7	22°32	23°17	24°24	21°42	17°54	6°18	7°49	11° 2	20° 8	W11
T 12	11 19 25	21°35'59	24° 1	0♈59	7°14	28°51	22°45	23°24	24°25	21°41	17°55	6° 9	7°46	11° 9	20°11	T 12
F 13	11 23 21	22°35'57	6♓ 0	2°54	8° 5	29°35	22°59	23°31	24°25	21°39	17°56	6° 0	7°43	11°16	20°15	F 13
S 14	11 27 18	23°35'52	18° 5	4°49	8°56	0♒19	23°12	23°38	24°26	21°38	17°57	5°52	7°40	11°22	20°19	S 14
S 15	11 31 15	24°35'45	0♈19	6°42	9°47	1° 3	23°25	23°45	24°27	21°36	17°57	5°46	7°36	11°29	20°23	S 15
M16	11 35 11	25°35'37	12°41	8°34	10°36	1°47	23°38	23°52	24°27	21°35	17°58	5°41	7°33	11°36	20°26	M16
T 17	11 39 8	26°35'26	25°14	10°24	11°25	2°31	23°51	23°59	24°28	21°34	17°59	5°39	7°30	11°43	20°30	T 17
W18	11 43 4	27°35'13	7♉57	12°11	12°12	3°15	24° 5	24° 6	24°29	21°32	18° 0	5°D38	7°27	11°49	20°34	W18
T 19	11 47 1	28°34'58	20°54	13°56	12°59	3°59	24°18	24°13	24°30	21°31	18° 1	5°39	7°24	11°56	20°38	T 19
F 20	11 50 57	29°34'41	4♊ 5	15°36	13°45	4°43	24°31	24°20	24°31	21°29	18° 2	5°41	7°21	12° 3	20°41	F 20
S 21	11 54 54	0♈34'22	17°32	17°13	14°30	5°27	24°43	24°27	24°31	21°28	18° 3	5°42	7°17	12° 9	20°45	S 21
S 22	11 58 50	1°34'01	1♋16	18°45	15°14	6°12	24°56	24°35	24°32	21°26	18° 4	5°R43	7°14	12°16	20°49	S 22
M23	12 2 47	2°33'37	15°19	20°13	15°57	6°56	25° 9	24°42	24°34	21°25	18° 5	5°42	7°11	12°23	20°53	M23
T 24	12 6 44	3°33'11	29°40	21°35	16°39	7°40	25°22	24°49	24°35	21°23	18° 6	5°40	7° 8	12°30	20°56	T 24
W25	12 10 40	4°32'42	14♌15	22°52	17°19	8°24	25°35	24°57	24°36	21°21	18° 7	5°36	7° 5	12°36	21° 0	W25
T 26	12 14 37	5°32'11	29° 0	24° 2	17°59	9° 8	25°47	25° 4	24°37	21°20	18° 8	5°32	7° 1	12°43	21° 4	T 26
F 27	12 18 33	6°31'38	13♍48	25° 6	18°37	9°53	26° 0	25°11	24°38	21°18	18° 9	5°28	6°58	12°50	21° 7	F 27
S 28	12 22 30	7°31'03	28°32	26° 3	19°14	10°37	26°12	25°19	24°40	21°17	18°10	5°24	6°55	12°56	21°11	S 28
S 29	12 26 26	8°30'25	13♎ 3	26°54	19°50	11°21	26°25	25°26	24°41	21°15	18°11	5°21	6°52	13° 3	21°14	S 29
M30	12 30 23	9°29'46	27°16	27°37	20°24	12° 5	26°37	25°33	24°42	21°14	18°12	5°20	6°49	13°10	21°18	M30
T 31	12 34 19	10♈29'05	11♏ 6	28♈13	20♑57	12♒50	26♒49	25♈41	24♊44	21♎12	18♉13	5°D20	6♉46	13♒17	21♓22	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	7s36	0n26	2n40	9s36	1s52	12n35	2n20	22s31	0s43	15s19	0s38	6n30	2s18	23n29	0n10	6s59	1n40	2n27	15s15	13n44	14n17	22s42	0s13	4n17
M 2	7 13	6s11	1 31	8 49	1 48	13 2	2 26	22 25	0 43	15 15	0 38	6 32	2 18	23 29	0 10	6 58	1 40	2 28	15 14	13 43	14 16	22 40	0 12	4 17
T 3	6 50	12 19	0 18	8 2	1 43	13 29	2 32	22 19	0 44	15 11	0 38	6 35	2 18	23 29	0 10	6 58	1 40	2 28	15 14	13 43	14 15	22 38	0 10	4 17
W 4	6 27	17 40	0s54	7 13	1 38	13 55	2 39	22 12	0 45	15 6	0 38	6 37	2 18	23 29	0 10	6 58	1 40	2 29	15 14	13 43	14 14	22 37	0 9	4 17
T 5	6 4	22 1	2 0	6 23	1 32	14 21	2 45	22 6	0 46	15 2	0 38	6 40	2 18	23 29	0 10	6 57	1 40	2 29	15 13	13 43	14 13	22 35	0 7	4 17
F 6	5 41	25 12	2 59	5 32	1 26	14 47	2 51	21 59	0 47	14 58	0 38	6 42	2 17	23 29	0 10	6 57	1 40	2 30	15 13	13 44	14 12	22 33	0 6	4 16
S 7	5 17	27 7	3 48	4 40	1 19	15 12	2 58	21 52	0 48	14 54	0 38	6 45	2 17	23 29	0 10	6 56	1 40	2 30	15 13	13 43	14 11	22 31	0 5	4 16
S 8	4 54	27 42	4 26	3 47	1 11	15 37	3 4	21 45	0 48	14 49	0 38	6 48	2 17	23 29	0 10	6 56	1 40	2 31	15 12	13 43	14 10	22 29	0 3	4 16
M 9	4 30	26 59	4 52	2 54	1 3	16 2	3 11	21 37	0 49	14 45	0 38	6 50	2 17	23 29	0 10	6 55	1 40	2 31	15 12	13 41	14 9	22 27	0 2	4 16
T 10	4 7	25 3	5 5	1 59	0 55	16 26	3 17	21 30	0 50	14 41	0 39	6 53	2 17	23 29	0 10	6 54	1 40	2 32	15 12	13 39	14 8	22 25	0 0	4 16
W11	3 43	22 2	5 6	1 5	0 45	16 50	3 23	21 22	0 51	14 36	0 39	6 55	2 17	23 29	0 10	6 54	1 40	2 32	15 12	13 37	14 7	22 23	0n 1	4 16
T 12	3 20	18 6	4 53	0 9	0 36	17 13	3 30	21 14	0 52	14 32	0 39	6 58	2 17	23 29	0 10	6 53	1 40	2 33	15 11	13 34	14 6	22 21	0 2	4 16
F 13	2 56	13 26	4 27	0n46	0 25	17 36	3 36	21 5	0 53	14 28	0 39	7 1	2 17	23 29	0 10	6 53	1 41	2 33	15 11	13 31	14 5	22 19	0 4	4 16
S 14	2 32	8 13	3 49	1 42	0 14	17 59	3 43	20 57	0 54	14 24	0 39	7 3	2 16	23 29	0 10	6 52	1 41	2 33	15 11	13 28	14 3	22 17	0 5	4 16
S 15	2 9	2 37	2 59	2 37	0 3	18 21	3 49	20 48	0 54	14 19	0 39	7 6	2 16	23 29	0 10	6 52	1 41	2 34	15 10	13 26	14 2	22 15	0 7	4 16
M16	1 45	3n 9	2 1	3 32	0n 9	18 43	3 55	20 39	0 55	14 15	0 39	7 9	2 16	23 29	0 10	6 51	1 41	2 34	15 10	13 25	14 1	22 13	0 8	4 16
T 17	1 21	8 53	0 56	4 26	0 21	19 4	4 2	20 30	0 56	14 11	0 40	7 11	2 16	23 29	0 10	6 51	1 41	2 35	15 10	13 24	14 0	22 11	0 10	4 16
W18	0 58	14 21	0n13	5 19	0 33	19 25	4 8	20 21	0 57	14 7	0 40	7 14	2 16	23 29	0 10	6 50	1 41	2 35	15 10	13 24	13 59	22 9	0 11	4 16
T 19	0 34	19 17	1 22	6 11	0 46	19 46	4 14	20 11	0 58	14 3	0 40	7 17	2 16	23 29	0 10	6 49	1 41	2 36	15 9	13 24	13 58	22 7	0 12	4 16
F 20	0 10	23 23	2 29	7 2	0 58	20 6	4 20	20 1	0 59	13 58	0 40	7 19	2 16	23 29	0 10	6 49	1 41	2 36	15 9	13 24	13 57	22 5	0 14	4 16
S 21	0n14	26 18	3 28	7 51	1 11	20 25	4 27	19 52	1 0	13 54	0 40	7 22	2 16	23 29	0 10	6 48	1 41	2 37	15 9	13 25	13 56	22 3	0 15	4 16
S 22	0 37	27 43	4 18	8 38	1 24	20 44	4 33	19 41	1 0	13 50	0 40	7 25	2 16	23 29	0 10	6 48	1 41	2 37	15 9	13 25	13 55	22 1	0 17	4 16
M23	1 1	27 23	4 53	9 23	1 36	21 3	4 39	19 31	1 1	13 46	0 40	7 28	2 15	23 29	0 10	6 47	1 41	2 38	15 8	13 25	13 54	21 59	0 18	4 16
T 24	1 25	25 16	5 10	10 5	1 48	21 21	4 45	19 21	1 2	13 42	0 41	7 30	2 15	23 29	0 10	6 47	1 41	2 38	15 8	13 24	13 53	21 57	0 20	4 16
W25	1 48	21 28	5 8	10 45	2 0	21 38	4 51	19 10	1 3	13 38	0 41	7 33	2 15	23 29	0 10	6 46	1 41	2 39	15 8	13 23	13 52	21 55	0 21	4 16
T 26	2 12	16 17	4 46	11 21	2 12	21 55	4 57	18 59	1 4	13 34	0 41	7 36	2 15	23 29	0 10	6 45	1 41	2 39	15 8	13 22	13 51	21 53	0 23	4 16
F 27	2 35	10 8	4 5	11 55	2 22	22 12	5 2	18 48	1 5	13 29	0 41	7 39	2 15	23 29	0 10	6 45	1 41	2 40	15 7	13 20	13 50	21 51	0 24	4 16
S 28	2 59	3 28	3 8	12 26	2 33	22 27	5 8	18 37	1 6	13 25	0 41	7 41	2 15	23 29	0 10	6 44	1 41	2 40	15 7	13 19	13 49	21 49	0 25	4 16
S 29	3 22	3s19	1 59	12 53	2 42	22 43	5 14	18 26	1 7	13 21	0 41	7 44	2 15	23 30	0 10	6 44	1 41	2 41	15 7	13 18	13 48	21 47	0 27	4 16
M30	3 46	9 48	0 44	13 16	2 50	22 57	5 19	18 14	1 7	13 17	0 41	7 47	2 15	23 30	0 10	6 43	1 41	2 41	15 7	13 18	13 47	21 45	0 28	4 16
T 31	4n 9	15s39	0s32	13n36	2n58	23n11	5n24	18s 3	1s 8	13s13	0s42	7n50	2s15	23n30	0n10	6s42	1n41	2n42	15s 7	13n18	13n46	21s43	0n30	4n16

Julian Day Number = 2493972.5, Delta T = 101.20 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'48, Lahiri = 25°28'48

ASTRODIENST EPHEMERIS for the year 2116
geocentric

APRIL 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 16	11♈28'22	24♏32	28♈42	21♉29	13♒34	27♒ 1	25♈48	24♊45	21°R10	18♉14	5♉21	6♉42	13♒23	21♓25	W 1
T 2	12 42 13	12°27'37	7♐33	29° 3	21°59	14°18	27°13	25°56	24°47	21♎ 9	18°16	5°22	6°39	13°30	21°29	T 2
F 3	12 46 9	13°26'50	20°13	29°17	22°27	15° 3	27°25	26° 3	24°48	21° 7	18°17	5°24	6°36	13°37	21°32	F 3
S 4	12 50 6	14°26'01	2♑34	29°R23	22°54	15°47	27°37	26°11	24°50	21° 5	18°18	5°25	6°33	13°44	21°36	S 4
S 5	12 54 2	15°25'11	14°41	29°23	23°19	16°32	27°49	26°18	24°52	21° 4	18°19	5°R26	6°30	13°50	21°39	S 5
M 6	12 57 59	16°24'19	26°39	29°16	23°42	17°16	28° 1	26°26	24°54	21° 2	18°20	5°25	6°27	13°57	21°43	M 6
T 7	13 1 55	17°23'25	8♒31	29° 2	24° 3	18° 0	28°13	26°33	24°55	21° 1	18°21	5°24	6°23	14° 4	21°46	T 7
W 8	13 5 52	18°22'29	20°24	28°41	24°23	18°45	28°24	26°41	24°57	20°59	18°23	5°22	6°20	14°10	21°50	W 8
T 9	13 9 48	19°21'32	2♓19	28°16	24°41	19°29	28°36	26°49	24°59	20°57	18°24	5°20	6°17	14°17	21°53	T 9
F 10	13 13 45	20°20'32	14°23	27°45	24°56	20°14	28°47	26°56	25° 1	20°56	18°25	5°17	6°14	14°24	21°57	F 10
S 11	13 17 42	21°19'31	26°35	27°10	25°10	20°58	28°59	27° 4	25° 3	20°54	18°26	5°15	6°11	14°31	22° 0	S 11
S 12	13 21 38	22°18'28	9♈ 0	26°31	25°22	21°43	29°10	27°11	25° 5	20°52	18°27	5°13	6° 7	14°37	22° 3	S 12
M13	13 25 35	23°17'23	21°38	25°49	25°31	22°27	29°21	27°19	25° 7	20°51	18°29	5°12	6° 4	14°44	22° 7	M13
T 14	13 29 31	24°16'15	4♉30	25° 6	25°38	23°12	29°32	27°27	25° 9	20°49	18°30	5°D12	6° 1	14°51	22°10	T 14
W15	13 33 28	25°15'06	17°35	24°21	25°43	23°56	29°43	27°34	25°11	20°47	18°31	5°12	5°58	14°57	22°13	W15
T 16	13 37 24	26°13'55	0♊54	23°36	25°46	24°40	29°54	27°42	25°13	20°46	18°32	5°13	5°55	15° 4	22°17	T 16
F 17	13 41 21	27°12'42	14°26	22°52	25°R46	25°25	0♓ 5	27°50	25°16	20°44	18°34	5°14	5°52	15°11	22°20	F 17
S 18	13 45 17	28°11'26	28°10	22° 9	25°44	26° 9	0°15	27°57	25°18	20°42	18°35	5°14	5°48	15°18	22°23	S 18
S 19	13 49 14	29°10'09	12♋ 5	21°28	25°39	26°54	0°26	28° 5	25°20	20°41	18°36	5°15	5°45	15°24	22°26	S 19
M20	13 53 11	0♉ 8'49	26° 9	20°50	25°32	27°38	0°36	28°12	25°23	20°39	18°38	5°R15	5°42	15°31	22°29	M20
T 21	13 57 7	1° 7'27	10♌22	20°15	25°22	28°23	0°47	28°20	25°25	20°38	18°39	5°15	5°39	15°38	22°33	T 21
W22	14 1 4	2° 6'02	24°40	19°44	25°10	29° 7	0°57	28°28	25°27	20°36	18°40	5°15	5°36	15°45	22°36	W22
T 23	14 5 0	3° 4'35	9♍ 1	19°17	24°55	29°52	1° 7	28°35	25°30	20°34	18°41	5°15	5°33	15°51	22°39	T 23
F 24	14 8 57	4° 3'06	23°21	18°55	24°38	0♓36	1°17	28°43	25°32	20°33	18°43	5°14	5°29	15°58	22°42	F 24
S 25	14 12 53	5° 1'35	7♎35	18°37	24°19	1°21	1°27	28°50	25°35	20°31	18°44	5°D14	5°26	16° 5	22°45	S 25
S 26	14 16 50	6° 0'02	21°41	18°24	23°57	2° 5	1°37	28°58	25°37	20°30	18°45	5°14	5°23	16°11	22°48	S 26
M27	14 20 46	6°58'27	5♏33	18°17	23°33	2°50	1°47	29° 6	25°40	20°28	18°47	5°R14	5°20	16°18	22°51	M27
T 28	14 24 43	7°56'50	19° 8	18°D14	23° 7	3°34	1°56	29°13	25°43	20°26	18°48	5°14	5°17	16°25	22°54	T 28
W29	14 28 40	8°55'12	2♐25	18°16	22°39	4°19	2° 6	29°21	25°45	20°25	18°49	5°14	5°13	16°32	22°56	W29
T 30	14 32 36	9♉53'31	15♐23	18♈23	22♉ 9	5♓ 3	2♓15	29♈28	25♊48	20♎23	18♉51	5♉14	5♉10	16♒38	22♓59	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	4n32	20s34	1s44	13n52	3n 4	23n25	5n29	17s51	1s 9	13s 9	0s42	7n52	2s15	23n30	0n10	6s42	1n41	2n42	15s 6	13n18	13n45	21s41	0n31	4n16
T 2	4 55	24 19	2 48	14 4	3 9	23 38	5 34	17 39	1 10	13 5	0 42	7 55	2 15	23 30	0 10	6 41	1 41	2 43	15 6	13 18	13 44	21 39	0 33	4 16
F 3	5 18	26 46	3 42	14 13	3 13	23 50	5 39	17 27	1 11	13 1	0 42	7 58	2 15	23 30	0 10	6 40	1 41	2 43	15 6	13 19	13 43	21 37	0 34	4 16
S 4	5 41	27 49	4 25	14 18	3 15	24 1	5 44	17 14	1 12	12 57	0 42	8 1	2 15	23 30	0 10	6 40	1 41	2 44	15 6	13 19	13 42	21 35	0 35	4 16
S 5	6 4	27 30	4 55	14 18	3 16	24 12	5 48	17 2	1 13	12 53	0 42	8 3	2 15	23 30	0 10	6 39	1 41	2 44	15 6	13 19	13 41	21 33	0 37	4 16
M 6	6 27	25 54	5 11	14 15	3 16	24 22	5 53	16 49	1 14	12 49	0 43	8 6	2 15	23 30	0 10	6 39	1 41	2 45	15 5	13 19	13 40	21 31	0 38	4 16
T 7	6 49	23 11	5 15	14 8	3 13	24 32	5 57	16 36	1 14	12 46	0 43	8 9	2 14	23 30	0 10	6 38	1 41	2 45	15 5	13 19	13 39	21 29	0 40	4 16
W 8	7 12	19 29	5 4	13 57	3 10	24 41	6 1	16 23	1 15	12 42	0 43	8 12	2 14	23 30	0 10	6 37	1 41	2 46	15 5	13 18	13 38	21 26	0 41	4 16
T 9	7 34	15 0	4 41	13 43	3 4	24 48	6 4	16 10	1 16	12 38	0 43	8 14	2 14	23 30	0 10	6 37	1 41	2 46	15 5	13 17	13 36	21 24	0 42	4 16
F 10	7 57	9 55	4 5	13 26	2 57	24 56	6 7	15 57	1 17	12 34	0 43	8 17	2 14	23 30	0 10	6 36	1 41	2 47	15 5	13 17	13 35	21 22	0 44	4 16
S 11	8 19	4 22	3 17	13 5	2 49	25 2	6 10	15 44	1 18	12 30	0 44	8 20	2 14	23 30	0 10	6 35	1 41	2 47	15 4	13 16	13 34	21 20	0 45	4 16
S 12	8 41	1n25	2 20	12 42	2 39	25 7	6 13	15 30	1 19	12 26	0 44	8 23	2 14	23 30	0 10	6 35	1 41	2 48	15 4	13 15	13 33	21 18	0 47	4 16
M13	9 3	7 17	1 14	12 16	2 28	25 12	6 15	15 17	1 20	12 23	0 44	8 25	2 14	23 31	0 10	6 34	1 41	2 48	15 4	13 15	13 32	21 16	0 48	4 16
T 14	9 24	12 57	0 4	11 48	2 15	25 16	6 17	15 3	1 20	12 19	0 44	8 28	2 14	23 31	0 10	6 34	1 41	2 48	15 4	13 15	13 31	21 14	0 49	4 16
W15	9 46	18 9	1n 8	11 19	2 1	25 18	6 19	14 49	1 21	12 15	0 44	8 31	2 14	23 31	0 10	6 33	1 41	2 49	15 4	13 15	13 30	21 12	0 51	4 16
T 16	10 7	22 34	2 18	10 49	1 47	25 20	6 20	14 35	1 22	12 12	0 44	8 34	2 14	23 31	0 10	6 32	1 41	2 49	15 4	13 15	13 29	21 9	0 52	4 16
F 17	10 28	25 50	3 20	10 18	1 31	25 21	6 21	14 21	1 23	12 8	0 45	8 36	2 14	23 31	0 10	6 32	1 41	2 50	15 4	13 15	13 28	21 7	0 53	4 16
S 18	10 50	27 38	4 13	9 47	1 15	25 21	6 21	14 6	1 24	12 4	0 45	8 39	2 14	23 31	0 10	6 31	1 41	2 50	15 3	13 16	13 27	21 5	0 55	4 17
S 19	11 10	27 43	4 51	9 16	0 58	25 19	6 21	13 52	1 25	12 1	0 45	8 42	2 14	23 31	0 10	6 31	1 41	2 51	15 3	13 16	13 26	21 3	0 56	4 17
M20	11 31	26 1	5 13	8 46	0 42	25 17	6 20	13 37	1 26	11 57	0 45	8 44	2 14	23 31	0 10	6 30	1 41	2 51	15 3	13 16	13 25	21 1	0 57	4 17
T 21	11 52	22 41	5 15	8 17	0 25	25 13	6 19	13 23	1 26	11 54	0 45	8 47	2 14	23 31	0 10	6 29	1 41	2 52	15 3	13 16	13 24	20 59	0 59	4 17
W22	12 12	17 59	4 59	7 50	0 8	25 8	6 17	13 8	1 27	11 50	0 46	8 50	2 14	23 31	0 10	6 29	1 41	2 52	15 3	13 16	13 23	20 56	1 0	4 17
T 23	12 32	12 15	4 24	7 25	0s 9	25 2	6 15	12 53	1 28	11 47	0 46	8 52	2 14	23 31	0 10	6 28	1 41	2 53	15 3	13 16	13 22	20 54	1 1	4 17
F 24	12 52	5 53	3 32	7 1	0 25	24 55	6 12	12 38	1 29	11 44	0 46	8 55	2 14	23 31	0 10	6 28	1 41	2 53	15 3	13 16	13 21	20 52	1 2	4 17
S 25	13 11	0s45	2 27	6 40	0 40	24 47	6 8	12 23	1 30	11 40	0 46	8 58	2 14	23 32	0 10	6 27	1 41	2 53	15 3	13 16	13 20	20 50	1 4	4 17
S 26	13 31	7 18	1 14	6 21	0 55	24 37	6 3	12 8	1 31	11 37	0 46	9 1	2 14	23 32	0 10	6 26	1 41	2 54	15 3	13 16	13 19	20 48	1 5	4 17
M27	13 50	13 23	0s 2	6 5	1 10	24 26	5 58	11 53	1 31	11 34	0 47	9 3	2 14	23 32	0 10	6 26	1 41	2 54	15 2	13 16	13 17	20 45	1 6	4 17
T 28	14 9	18 43	1 16	5 51	1 24	24 13	5 53	11 37	1 32	11 31	0 47	9 6	2 14	23 32	0 10	6 25	1 41	2 55	15 2	13 16	13 16	20 43	1 7	4 17
W29	14 28	23 0	2 25	5 40	1 37	24 0	5 46	11 22	1 33	11 27	0 47	9 8	2 14	23 32	0 10	6 25	1 41	2 55	15 2	13 16	13 15	20 41	1 9	4 18
T 30	14n46	26s 1	3s24	5n32	1s49	23n45	5n39	11s 6	1s34	11s24	0s47	9n11	2s14	23n32	0n10	6s24	1n41	2n56	15s 2	13n15	13n14	20s39	1n10	4n18

Julian Day Number = 2494003.5, Delta T = 101.24 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'52, Lahiri = 25°28'53

ASTRODIENST EPHEMERIS for the year 2116
geocentric

MAY 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 33	10♉51'49	28♐ 2	18♈35	21°R38	5♓48	2♓24	29♈36	25♊51	20°R22	18♉52	5°R13	5♉ 7	16♒45	23♓ 2	F 1
S 2	14 40 29	11°50'06	10♑25	18°52	21♉ 4	6°32	2°33	29°43	25°53	20♎20	18°53	5♉12	5° 4	16°52	23° 5	S 2
S 3	14 44 26	12°48'21	22°34	19°13	20°30	7°16	2°42	29°51	25°56	20°19	18°55	5°12	5° 1	16°58	23° 7	S 3
M 4	14 48 22	13°46'34	4♒34	19°39	19°54	8° 1	2°51	29°58	25°59	20°17	18°56	5°11	4°58	17° 5	23°10	M 4
T 5	14 52 19	14°44'46	16°28	20° 9	19°18	8°45	3° 0	0♉ 6	26° 2	20°16	18°57	5°D11	4°54	17°12	23°13	T 5
W 6	14 56 15	15°42'57	28°21	20°42	18°41	9°30	3° 8	0°13	26° 5	20°14	18°59	5°11	4°51	17°19	23°15	W 6
T 7	15 0 12	16°41'06	10♓18	21°20	18° 3	10°14	3°17	0°21	26° 8	20°13	19° 0	5°12	4°48	17°25	23°18	T 7
F 8	15 4 9	17°39'13	22°23	22° 2	17°25	10°59	3°25	0°28	26°11	20°12	19° 2	5°13	4°45	17°32	23°20	F 8
S 9	15 8 5	18°37'19	4♈41	22°47	16°48	11°43	3°33	0°36	26°14	20°10	19° 3	5°14	4°42	17°39	23°23	S 9
S 10	15 12 2	19°35'24	17°14	23°36	16°10	12°27	3°41	0°43	26°17	20° 9	19° 4	5°15	4°38	17°46	23°25	S 10
M11	15 15 58	20°33'27	0♉ 4	24°28	15°33	13°12	3°49	0°50	26°20	20° 7	19° 6	5°R16	4°35	17°52	23°28	M11
T 12	15 19 55	21°31'28	13°14	25°24	14°57	13°56	3°57	0°58	26°23	20° 6	19° 7	5°16	4°32	17°59	23°30	T 12
W13	15 23 51	22°29'28	26°42	26°22	14°22	14°40	4° 5	1° 5	26°26	20° 5	19° 8	5°15	4°29	18° 6	23°32	W13
T 14	15 27 48	23°27'27	10♊27	27°24	13°49	15°25	4°12	1°12	26°29	20° 3	19°10	5°13	4°26	18°12	23°35	T 14
F 15	15 31 44	24°25'24	24°26	28°28	13°16	16° 9	4°19	1°20	26°32	20° 2	19°11	5°11	4°23	18°19	23°37	F 15
S 16	15 35 41	25°23'19	8♋36	29°35	12°45	16°53	4°27	1°27	26°35	20° 1	19°12	5° 8	4°19	18°26	23°39	S 16
S 17	15 39 38	26°21'13	22°52	0♉45	12°16	17°37	4°34	1°34	26°39	20° 0	19°14	5° 5	4°16	18°33	23°41	S 17
M18	15 43 34	27°19'05	7♌10	1°58	11°49	18°21	4°41	1°41	26°42	19°58	19°15	5° 4	4°13	18°39	23°43	M18
T 19	15 47 31	28°16'55	21°26	3°13	11°24	19° 6	4°47	1°48	26°45	19°57	19°16	5° 2	4°10	18°46	23°45	T 19
W20	15 51 27	29°14'43	5♍38	4°31	11° 1	19°50	4°54	1°55	26°48	19°56	19°18	5°D 2	4° 7	18°53	23°47	W20
T 21	15 55 24	0♊12'30	19°44	5°51	10°40	20°34	5° 0	2° 2	26°51	19°55	19°19	5° 3	4° 4	18°59	23°49	T 21
F 22	15 59 20	1°10'14	3♎42	7°14	10°22	21°18	5° 7	2° 9	26°55	19°54	19°20	5° 5	4° 0	19° 6	23°51	F 22
S 23	16 3 17	2° 7'57	17°30	8°39	10° 5	22° 2	5°13	2°16	26°58	19°52	19°22	5° 6	3°57	19°13	23°53	S 23
S 24	16 7 13	3° 5'39	1♏ 8	10° 7	9°52	22°46	5°19	2°23	27° 1	19°51	19°23	5°R 7	3°54	19°20	23°55	S 24
M25	16 11 10	4° 3'19	14°34	11°37	9°40	23°30	5°24	2°30	27° 5	19°50	19°24	5° 7	3°51	19°26	23°57	M25
T 26	16 15 7	5° 0'58	27°47	13° 9	9°31	24°14	5°30	2°37	27° 8	19°49	19°26	5° 5	3°48	19°33	23°58	T 26
W27	16 19 3	5°58'36	10♐47	14°44	9°25	24°58	5°36	2°44	27°12	19°48	19°27	5° 2	3°44	19°40	24° 0	W27
T 28	16 23 0	6°56'12	23°33	16°21	9°21	25°41	5°41	2°51	27°15	19°47	19°28	4°57	3°41	19°46	24° 2	T 28
F 29	16 26 56	7°53'48	6♑ 5	18° 0	9°D19	26°25	5°46	2°57	27°18	19°46	19°30	4°52	3°38	19°53	24° 3	F 29
S 30	16 30 53	8°51'22	18°24	19°42	9°19	27° 9	5°51	3° 4	27°22	19°45	19°31	4°46	3°35	20° 0	24° 5	S 30
S 31	16 34 49	9♊48'55	0♒31	21♉26	9♉22	27♓53	5♓56	3♉11	27♊25	19♎44	19♉32	4♉41	3♉32	20♒ 7	24♓ 6	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	15n 5	27s37	4s12	5n26	2s 0	23n29	5n31	10s51	1s35	11s21	0s47	9n14	2s14	23n32	0n10	6s24	1n41	2n56	15s 2	13n15	13n13	20s36	1n11	4n18
S 2	15 23	27 48	4 47	5 22	2 11	23 12	5 23	10 35	1 35	11 18	0 48	9 16	2 14	23 32	0 10	6 23	1 41	2 56	15 2	13 15	13 12	20 34	1 12	4 18
S 3	15 40	26 37	5 9	5 21	2 20	22 54	5 13	10 19	1 36	11 15	0 48	9 19	2 14	23 32	0 10	6 22	1 41	2 57	15 2	13 15	13 11	20 32	1 13	4 18
M 4	15 58	24 14	5 16	5 23	2 29	22 34	5 3	10 4	1 37	11 12	0 48	9 21	2 14	23 32	0 10	6 22	1 41	2 57	15 2	13 15	13 10	20 30	1 15	4 18
T 5	16 15	20 49	5 10	5 27	2 37	22 14	4 53	9 48	1 38	11 9	0 48	9 24	2 15	23 32	0 10	6 21	1 41	2 58	15 2	13 15	13 9	20 27	1 16	4 18
W 6	16 32	16 35	4 51	5 33	2 44	21 53	4 42	9 32	1 39	11 6	0 49	9 27	2 15	23 33	0 10	6 21	1 41	2 58	15 2	13 15	13 8	20 25	1 17	4 18
T 7	16 49	11 42	4 19	5 41	2 50	21 31	4 30	9 16	1 39	11 3	0 49	9 29	2 15	23 33	0 10	6 20	1 41	2 58	15 2	13 15	13 7	20 23	1 18	4 19
F 8	17 5	6 19	3 35	5 51	2 56	21 8	4 18	8 59	1 40	11 1	0 49	9 32	2 15	23 33	0 10	6 20	1 41	2 59	15 2	13 15	13 6	20 21	1 19	4 19
S 9	17 21	0 36	2 41	6 4	3 1	20 45	4 5	8 43	1 41	10 58	0 49	9 34	2 15	23 33	0 10	6 19	1 41	2 59	15 2	13 16	13 5	20 18	1 20	4 19
S 10	17 37	5n15	1 38	6 18	3 5	20 22	3 52	8 27	1 42	10 55	0 49	9 37	2 15	23 33	0 10	6 19	1 41	2 59	15 2	13 16	13 4	20 16	1 21	4 19
M11	17 53	11 3	0 29	6 34	3 8	19 58	3 38	8 11	1 42	10 52	0 50	9 39	2 15	23 33	0 10	6 18	1 41	3 0	15 2	13 16	13 3	20 14	1 22	4 19
T 12	18 8	16 30	0n44	6 52	3 10	19 34	3 25	7 54	1 43	10 50	0 50	9 42	2 15	23 33	0 10	6 18	1 41	3 0	15 2	13 16	13 2	20 11	1 23	4 19
W13	18 23	21 17	1 56	7 11	3 12	19 10	3 11	7 38	1 44	10 47	0 50	9 44	2 15	23 33	0 10	6 17	1 41	3 0	15 2	13 16	13 0	20 9	1 24	4 19
T 14	18 38	25 0	3 2	7 32	3 13	18 47	2 56	7 21	1 45	10 45	0 50	9 46	2 15	23 33	0 10	6 17	1 41	3 1	15 2	13 15	12 59	20 7	1 25	4 20
F 15	18 52	27 17	3 59	7 55	3 13	18 23	2 42	7 5	1 45	10 42	0 51	9 49	2 15	23 33	0 10	6 16	1 41	3 1	15 2	13 14	12 58	20 5	1 27	4 20
S 16	19 6	27 50	4 41	8 19	3 13	18 0	2 28	6 48	1 46	10 40	0 51	9 51	2 15	23 33	0 10	6 16	1 41	3 1	15 2	13 14	12 57	20 2	1 28	4 20
S 17	19 20	26 32	5 7	8 44	3 12	17 37	2 13	6 32	1 47	10 38	0 51	9 54	2 15	23 33	0 10	6 15	1 41	3 2	15 2	13 13	12 56	20 0	1 28	4 20
M18	19 33	23 32	5 14	9 10	3 10	17 15	1 59	6 15	1 48	10 35	0 51	9 56	2 15	23 34	0 10	6 15	1 41	3 2	15 2	13 12	12 55	19 58	1 29	4 20
T 19	19 46	19 6	5 2	9 38	3 8	16 54	1 44	5 59	1 48	10 33	0 52	9 58	2 15	23 34	0 10	6 15	1 41	3 2	15 2	13 12	12 54	19 55	1 30	4 20
W20	19 59	13 38	4 31	10 7	3 5	16 33	1 30	5 42	1 49	10 31	0 52	10 1	2 16	23 34	0 10	6 14	1 41	3 3	15 2	13 12	12 53	19 53	1 31	4 20
T 21	20 11	7 30	3 44	10 37	3 1	16 13	1 16	5 25	1 50	10 29	0 52	10 3	2 16	23 34	0 10	6 14	1 41	3 3	15 2	13 12	12 52	19 51	1 32	4 21
F 22	20 23	1 2	2 44	11 8	2 57	15 54	1 2	5 8	1 50	10 27	0 52	10 5	2 16	23 34	0 10	6 13	1 40	3 3	15 2	13 12	12 51	19 48	1 33	4 21
S 23	20 35	5s24	1 35	11 39	2 53	15 36	0 49	4 52	1 51	10 25	0 53	10 8	2 16	23 34	0 10	6 13	1 40	3 4	15 2	13 13	12 50	19 46	1 34	4 21
S 24	20 46	11 31	0 22	12 12	2 47	15 20	0 36	4 35	1 52	10 23	0 53	10 10	2 16	23 34	0 10	6 13	1 40	3 4	15 2	13 13	12 49	19 43	1 35	4 21
M25	20 57	17 1	0s52	12 45	2 41	15 4	0 23	4 18	1 53	10 21	0 53	10 12	2 16	23 34	0 10	6 12	1 40	3 4	15 2	13 13	12 48	19 41	1 36	4 21
T 26	21 7	21 37	2 1	13 19	2 35	14 49	0 10	4 1	1 53	10 19	0 53	10 15	2 16	23 34	0 10	6 12	1 40	3 5	15 2	13 13	12 47	19 39	1 37	4 21
W27	21 18	25 4	3 3	13 53	2 28	14 35	0s 2	3 45	1 54	10 17	0 54	10 17	2 16	23 34	0 11	6 12	1 40	3 5	15 2	13 11	12 45	19 36	1 37	4 22
T 28	21 27	27 10	3 54	14 28	2 21	14 22	0 14	3 28	1 54	10 15	0 54	10 19	2 16	23 34	0 11	6 11	1 40	3 5	15 2	13 10	12 44	19 34	1 38	4 22
F 29	21 37	27 50	4 33	15 3	2 13	14 11	0 26	3 11	1 55	10 14	0 54	10 21	2 16	23 34	0 11	6 11	1 40	3 5	15 2	13 8	12 43	19 32	1 39	4 22
S 30	21 46	27 5	4 58	15 39	2 5	14 1	0 37	2 54	1 56	10 12	0 54	10 23	2 17	23 35	0 11	6 11	1 40	3 6	15 2	13 6	12 42	19 29	1 40	4 22
S 31	21n55	25s 4	5s10	16n14	1s56	13n51	0s48	2s37	1s56	10s11	0s55	10n25	2s17	23n35	0n11	6s10	1n40	3n 6	15s 2	13n 4	12n41	19s27	1n40	4n22

Julian Day Number = 2494033.5, Delta T = 101.29 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°21'56, Lahiri = 25°28'57

ASTRODIENST EPHEMERIS for the year 2116
geocentric

JUNE 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 46	10♊46'28	12♒30	23♉12	9♉28	28♓36	6♓ 0	3♉17	27♊29	19°R43	19♉34	4°R36	3♉29	20♒13	24♓ 8	M 1
T 2	16 42 42	11°43'59	24°24	25° 1	9°35	29°20	6° 5	3°24	27°32	19♎42	19°35	4♉33	3°25	20°20	24° 9	T 2
W 3	16 46 39	12°41'30	6♓16	26°52	9°45	0♈ 4	6° 9	3°30	27°36	19°42	19°36	4°31	3°22	20°27	24°10	W 3
T 4	16 50 36	13°39'00	18°12	28°45	9°56	0°47	6°13	3°37	27°39	19°41	19°37	4°D31	3°19	20°33	24°12	T 4
F 5	16 54 32	14°36'29	0♈17	0♊40	10°10	1°31	6°17	3°43	27°43	19°40	19°39	4°32	3°16	20°40	24°13	F 5
S 6	16 58 29	15°33'57	12°35	2°38	10°26	2°14	6°21	3°50	27°46	19°39	19°40	4°34	3°13	20°47	24°14	S 6
S 7	17 2 25	16°31'24	25°11	4°38	10°44	2°58	6°25	3°56	27°50	19°38	19°41	4°35	3°10	20°54	24°15	S 7
M 8	17 6 22	17°28'51	8♉ 8	6°39	11° 3	3°41	6°28	4° 2	27°53	19°38	19°42	4°R35	3° 6	21° 0	24°16	M 8
T 9	17 10 18	18°26'18	21°29	8°43	11°24	4°24	6°31	4° 9	27°57	19°37	19°44	4°34	3° 3	21° 7	24°17	T 9
W10	17 14 15	19°23'43	5♊14	10°48	11°47	5° 7	6°34	4°15	28° 0	19°36	19°45	4°31	3° 0	21°14	24°18	W10
T 11	17 18 11	20°21'08	19°22	12°55	12°12	5°51	6°37	4°21	28° 4	19°36	19°46	4°26	2°57	21°21	24°19	T 11
F 12	17 22 8	21°18'32	3♋47	15° 4	12°39	6°34	6°40	4°27	28° 7	19°35	19°47	4°19	2°54	21°27	24°20	F 12
S 13	17 26 5	22°15'56	18°24	17°14	13° 6	7°17	6°42	4°33	28°11	19°35	19°48	4°12	2°50	21°34	24°21	S 13
S 14	17 30 1	23°13'18	3♌ 6	19°24	13°36	8° 0	6°45	4°39	28°14	19°34	19°50	4° 5	2°47	21°41	24°21	S 14
M15	17 33 58	24°10'39	17°45	21°36	14° 7	8°43	6°47	4°45	28°18	19°34	19°51	3°59	2°44	21°47	24°22	M15
T 16	17 37 54	25° 8'00	2♍16	23°47	14°39	9°25	6°49	4°50	28°22	19°33	19°52	3°55	2°41	21°54	24°23	T 16
W17	17 41 51	26° 5'19	16°33	25°59	15°12	10° 8	6°50	4°56	28°25	19°33	19°53	3°53	2°38	22° 1	24°23	W17
T 18	17 45 47	27° 2'38	0♎35	28°11	15°47	10°51	6°52	5° 2	28°29	19°32	19°54	3°D52	2°35	22° 8	24°24	T 18
F 19	17 49 44	27°59'55	14°21	0♋23	16°23	11°33	6°53	5° 8	28°32	19°32	19°55	3°53	2°31	22°14	24°24	F 19
S 20	17 53 40	28°57'12	27°51	2°34	17° 0	12°16	6°55	5°13	28°36	19°32	19°56	3°R54	2°28	22°21	24°25	S 20
S 21	17 57 37	29°54'28	11♏ 8	4°44	17°39	12°58	6°55	5°19	28°39	19°31	19°57	3°54	2°25	22°28	24°25	S 21
M22	18 1 34	0♋51'43	24°12	6°53	18°18	13°41	6°56	5°24	28°43	19°31	19°58	3°52	2°22	22°34	24°25	M22
T 23	18 5 30	1°48'58	7♐ 4	9° 0	18°59	14°23	6°57	5°29	28°47	19°31	20° 0	3°48	2°19	22°41	24°26	T 23
W24	18 9 27	2°46'12	19°45	11° 7	19°40	15° 5	6°57	5°35	28°50	19°30	20° 1	3°41	2°16	22°48	24°26	W24
T 25	18 13 23	3°43'26	2♑15	13°11	20°23	15°47	6°57	5°40	28°54	19°30	20° 2	3°32	2°12	22°55	24°26	T 25
F 26	18 17 20	4°40'39	14°35	15°14	21° 6	16°29	6°R57	5°45	28°57	19°30	20° 3	3°21	2° 9	23° 1	24°26	F 26
S 27	18 21 16	5°37'52	26°46	17°15	21°50	17°11	6°57	5°50	29° 1	19°30	20° 4	3°10	2° 6	23° 8	24°R26	S 27
S 28	18 25 13	6°35'05	8♒48	19°14	22°36	17°53	6°57	5°55	29° 5	19°30	20° 5	2°59	2° 3	23°15	24°26	S 28
M29	18 29 10	7°32'17	20°44	21°11	23°22	18°35	6°56	6° 0	29° 8	19°30	20° 6	2°50	2° 0	23°21	24°26	M29
T 30	18 33 6	8♋29'30	2♓36	23♋ 6	24♉ 9	19♈17	6♓56	6♉ 5	29♊12	19♎30	20♉ 7	2♉42	1♉56	23♒28	24♓26	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	22n 3	21s58	5s 8	16n50	1s47	13n43	0s58	2s21	1s57	10s 9	0s55	10n28	2s17	23n35	0n11	6s10	1n40	3n 6	15s 2	13n 3	12n40	19s24	1n41	4n22
T 2	22 11	17 59	4 52	17 26	1 38	13 36	1 8	2 4	1 58	10 8	0 55	10 30	2 17	23 35	0 11	6 10	1 40	3 6	15 3	13 2	12 39	19 22	1 42	4 23
W 3	22 18	13 18	4 25	18 1	1 28	13 30	1 18	1 47	1 58	10 6	0 55	10 32	2 17	23 35	0 11	6 9	1 40	3 7	15 3	13 1	12 38	19 20	1 43	4 23
T 4	22 26	8 7	3 45	18 36	1 18	13 25	1 27	1 30	1 59	10 5	0 56	10 34	2 17	23 35	0 11	6 9	1 40	3 7	15 3	13 1	12 37	19 17	1 43	4 23
F 5	22 32	2 34	2 55	19 11	1 7	13 21	1 36	1 14	1 59	10 4	0 56	10 36	2 17	23 35	0 11	6 9	1 40	3 7	15 3	13 2	12 36	19 15	1 44	4 23
S 6	22 39	3n11	1 57	19 45	0 57	13 18	1 44	0 57	2 0	10 3	0 56	10 38	2 18	23 35	0 11	6 9	1 40	3 7	15 3	13 2	12 35	19 12	1 45	4 23
S 7	22 45	8 57	0 51	20 18	0 46	13 16	1 52	0 40	2 1	10 2	0 57	10 40	2 18	23 35	0 11	6 8	1 40	3 7	15 3	13 3	12 34	19 10	1 45	4 24
M 8	22 50	14 31	0n19	20 50	0 35	13 14	2 0	0 23	2 1	10 1	0 57	10 42	2 18	23 35	0 11	6 8	1 40	3 8	15 3	13 3	12 32	19 7	1 46	4 24
T 9	22 55	19 34	1 30	21 21	0 24	13 14	2 7	0 7	2 2	10 0	0 57	10 44	2 18	23 35	0 11	6 8	1 40	3 8	15 3	13 2	12 31	19 5	1 46	4 24
W10	23 0	23 45	2 38	21 50	0 13	13 14	2 14	0n10	2 2	9 59	0 57	10 46	2 18	23 35	0 11	6 8	1 40	3 8	15 3	13 1	12 30	19 2	1 47	4 24
T 11	23 5	26 37	3 38	22 18	0 2	13 16	2 21	0 26	2 3	9 58	0 58	10 47	2 18	23 35	0 11	6 7	1 40	3 8	15 4	12 59	12 29	19 0	1 47	4 24
F 12	23 8	27 47	4 25	22 44	0n 8	13 17	2 27	0 43	2 3	9 57	0 58	10 49	2 18	23 35	0 11	6 7	1 40	3 8	15 4	12 57	12 28	18 58	1 48	4 24
S 13	23 12	27 2	4 55	23 7	0 19	13 20	2 33	1 0	2 4	9 57	0 58	10 51	2 19	23 35	0 11	6 7	1 40	3 8	15 4	12 55	12 27	18 55	1 48	4 25
S 14	23 15	24 25	5 7	23 29	0 29	13 24	2 38	1 16	2 4	9 56	0 58	10 53	2 19	23 35	0 11	6 7	1 40	3 9	15 4	12 52	12 26	18 53	1 49	4 25
M15	23 18	20 14	4 58	23 48	0 39	13 28	2 44	1 32	2 5	9 56	0 59	10 55	2 19	23 36	0 11	6 7	1 40	3 9	15 4	12 50	12 25	18 50	1 49	4 25
T 16	23 20	14 52	4 30	24 5	0 49	13 32	2 49	1 49	2 5	9 55	0 59	10 57	2 19	23 36	0 11	6 7	1 39	3 9	15 4	12 49	12 24	18 48	1 50	4 25
W17	23 22	8 47	3 46	24 19	0 58	13 37	2 53	2 5	2 6	9 55	0 59	10 58	2 19	23 36	0 11	6 7	1 39	3 9	15 4	12 48	12 23	18 45	1 50	4 25
T 18	23 24	2 21	2 49	24 31	1 6	13 43	2 58	2 21	2 6	9 54	1 0	11 0	2 19	23 36	0 11	6 6	1 39	3 9	15 5	12 48	12 22	18 43	1 50	4 26
F 19	23 25	4s 4	1 43	24 40	1 14	13 49	3 2	2 38	2 7	9 54	1 0	11 2	2 20	23 36	0 11	6 6	1 39	3 9	15 5	12 48	12 21	18 40	1 51	4 26
S 20	23 25	10 12	0 32	24 45	1 21	13 56	3 6	2 54	2 7	9 54	1 0	11 3	2 20	23 36	0 11	6 6	1 39	3 9	15 5	12 49	12 19	18 38	1 51	4 26
S 21	23 26	15 46	0s39	24 48	1 28	14 3	3 9	3 10	2 7	9 54	1 0	11 5	2 20	23 36	0 11	6 6	1 39	3 9	15 5	12 49	12 18	18 35	1 51	4 26
M22	23 25	20 32	1 46	24 49	1 34	14 11	3 12	3 26	2 8	9 54	1 1	11 7	2 20	23 36	0 11	6 6	1 39	3 10	15 5	12 48	12 17	18 33	1 52	4 26
T 23	23 25	24 14	2 48	24 46	1 39	14 19	3 15	3 42	2 8	9 54	1 1	11 8	2 20	23 36	0 11	6 6	1 39	3 10	15 5	12 47	12 16	18 30	1 52	4 27
W24	23 24	26 40	3 39	24 41	1 44	14 28	3 18	3 58	2 9	9 54	1 1	11 10	2 20	23 36	0 11	6 6	1 39	3 10	15 6	12 44	12 15	18 28	1 52	4 27
T 25	23 22	27 44	4 20	24 33	1 47	14 36	3 21	4 14	2 9	9 54	1 2	11 11	2 21	23 36	0 11	6 6	1 39	3 10	15 6	12 41	12 14	18 25	1 53	4 27
F 26	23 21	27 23	4 47	24 23	1 50	14 45	3 23	4 29	2 9	9 55	1 2	11 13	2 21	23 36	0 11	6 6	1 39	3 10	15 6	12 38	12 13	18 23	1 53	4 27
S 27	23 18	25 43	5 1	24 11	1 53	14 55	3 25	4 45	2 10	9 55	1 2	11 14	2 21	23 36	0 11	6 6	1 39	3 10	15 6	12 34	12 12	18 20	1 53	4 27
S 28	23 16	22 53	5 1	23 56	1 54	15 4	3 27	5 1	2 10	9 55	1 2	11 16	2 21	23 36	0 11	6 6	1 39	3 10	15 6	12 30	12 11	18 17	1 53	4 27
M29	23 13	19 8	4 48	23 39	1 55	15 14	3 29	5 16	2 10	9 56	1 3	11 17	2 21	23 36	0 11	6 6	1 39	3 10	15 7	12 27	12 10	18 15	1 53	4 28
T 30	23n 9	14s38	4s23	23n20	1n55	15n24	3s30	5n32	2s11	9s56	1s 3	11n19	2s22	23n36	0n11	6s 6	1n39	3n10	15s 7	12n24	12n 9	18s12	1n53	4n28

Julian Day Number = 2494064.5, Delta T = 101.33 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'01, Lahiri = 25°29'01

ASTRODIENST EPHEMERIS for the year 2116
geocentric

JULY 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 3	9♋26'42	14♓27	24♋59	24♉56	19♈58	6°R55	6♉10	29♊15	19°D30	20♉ 8	2°R37	1♉53	23♒35	24°R26	W 1
T 2	18 40 59	10°23'55	26°21	26°50	25°45	20°40	6♓54	6°14	29°19	19♎30	20° 8	2♉34	1°50	23°42	24♓25	T 2
F 3	18 44 56	11°21'07	8♈24	28°39	26°34	21°21	6°52	6°19	29°22	19°30	20° 9	2°D33	1°47	23°48	24°25	F 3
S 4	18 48 52	12°18'20	20°39	0♌26	27°24	22° 2	6°51	6°24	29°26	19°30	20°10	2°33	1°44	23°55	24°25	S 4
S 5	18 52 49	13°15'33	3♉14	2°11	28°14	22°44	6°49	6°28	29°29	19°30	20°11	2°R33	1°41	24° 2	24°24	S 5
M 6	18 56 45	14°12'46	16°11	3°53	29° 6	23°25	6°47	6°32	29°33	19°30	20°12	2°32	1°37	24° 8	24°24	M 6
T 7	19 0 42	15° 9'59	29°35	5°34	29°57	24° 6	6°45	6°37	29°36	19°30	20°13	2°30	1°34	24°15	24°23	T 7
W 8	19 4 39	16° 7'13	13♊27	7°12	0♊50	24°46	6°43	6°41	29°40	19°31	20°14	2°25	1°31	24°22	24°23	W 8
T 9	19 8 35	17° 4'27	27°46	8°48	1°43	25°27	6°40	6°45	29°43	19°31	20°15	2°17	1°28	24°29	24°22	T 9
F 10	19 12 32	18° 1'41	12♋29	10°22	2°36	26° 8	6°38	6°49	29°47	19°31	20°15	2° 8	1°25	24°35	24°22	F 10
S 11	19 16 28	18°58'56	27°27	11°54	3°30	26°48	6°35	6°53	29°50	19°31	20°16	1°57	1°22	24°42	24°21	S 11
S 12	19 20 25	19°56'10	12♌32	13°24	4°25	27°29	6°32	6°57	29°53	19°32	20°17	1°47	1°18	24°49	24°20	S 12
M13	19 24 21	20°53'25	27°33	14°51	5°20	28° 9	6°28	7° 1	29°57	19°32	20°18	1°38	1°15	24°55	24°19	M13
T 14	19 28 18	21°50'39	12♍22	16°17	6°16	28°49	6°25	7° 5	0♋ 0	19°33	20°19	1°31	1°12	25° 2	24°18	T 14
W15	19 32 14	22°47'53	26°52	17°40	7°12	29°29	6°21	7° 8	0° 4	19°33	20°19	1°27	1° 9	25° 9	24°17	W15
T 16	19 36 11	23°45'07	10♎59	19° 1	8° 8	0♉ 8	6°18	7°12	0° 7	19°34	20°20	1°25	1° 6	25°16	24°16	T 16
F 17	19 40 8	24°42'21	24°45	20°19	9° 5	0°48	6°14	7°15	0°10	19°34	20°21	1°25	1° 2	25°22	24°15	F 17
S 18	19 44 4	25°39'36	8♏ 9	21°36	10° 3	1°28	6°10	7°19	0°14	19°35	20°21	1°25	0°59	25°29	24°14	S 18
S 19	19 48 1	26°36'50	21°14	22°49	11° 0	2° 7	6° 5	7°22	0°17	19°35	20°22	1°24	0°56	25°36	24°13	S 19
M20	19 51 57	27°34'05	4♐ 3	24° 1	11°58	2°46	6° 1	7°25	0°20	19°36	20°23	1°21	0°53	25°42	24°12	M20
T 21	19 55 54	28°31'20	16°39	25° 9	12°57	3°25	5°56	7°28	0°24	19°36	20°23	1°15	0°50	25°49	24°11	T 21
W22	19 59 50	29°28'35	29° 5	26°16	13°56	4° 4	5°52	7°31	0°27	19°37	20°24	1° 7	0°47	25°56	24° 9	W22
T 23	20 3 47	0♌25'50	11♑21	27°19	14°55	4°43	5°47	7°34	0°30	19°38	20°24	0°56	0°43	26° 2	24° 8	T 23
F 24	20 7 43	1°23'06	23°29	28°20	15°55	5°21	5°41	7°37	0°33	19°38	20°25	0°43	0°40	26° 9	24° 7	F 24
S 25	20 11 40	2°20'23	5♒31	29°17	16°55	6° 0	5°36	7°40	0°36	19°39	20°25	0°29	0°37	26°16	24° 5	S 25
S 26	20 15 37	3°17'39	17°28	0♍12	17°55	6°38	5°31	7°42	0°40	19°40	20°26	0°16	0°34	26°23	24° 4	S 26
M27	20 19 33	4°14'57	29°20	1° 3	18°56	7°16	5°25	7°45	0°43	19°41	20°26	0° 4	0°31	26°29	24° 2	M27
T 28	20 23 30	5°12'15	11♓11	1°52	19°57	7°54	5°20	7°47	0°46	19°42	20°27	29♈54	0°28	26°36	24° 1	T 28
W29	20 27 26	6° 9'34	23° 1	2°36	20°58	8°32	5°14	7°49	0°49	19°43	20°27	29°47	0°24	26°43	23°59	W29
T 30	20 31 23	7° 6'54	4♈56	3°18	22° 0	9° 9	5° 8	7°52	0°52	19°44	20°28	29°43	0°21	26°49	23°58	T 30
F 31	20 35 19	8♌ 4'15	16♈58	3♍55	23♊ 2	9♉47	5♓ 2	7♉54	0♋55	19♎44	20♉28	29♈41	0♉18	26♒56	23♓56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n 5	9s36	3s47	23n 0	1n54	15n34	3s31	5n47	2s11	9s57	1s 3	11n20	2s22	23n36	0n11	6s 6	1n39	3n10	15s 7	12n22	12n 7	18s10	1n53	4n28	W 1
T 2	23 1	4 12	3 0	22 38	1 53	15 45	3 32	6 2	2 11	9 58	1 4	11 21	2 22	23 36	0 11	6 6	1 39	3 10	15 7	12 21	12 6	18 7	1 54	4 28	T 2
F 3	22 56	1n25	2 5	22 14	1 51	15 55	3 33	6 17	2 12	9 58	1 4	11 23	2 22	23 36	0 11	6 6	1 39	3 10	15 7	12 21	12 5	18 5	1 54	4 28	F 3
S 4	22 51	7 6	1 3	21 49	1 48	16 6	3 34	6 32	2 12	9 59	1 4	11 24	2 22	23 36	0 11	6 6	1 39	3 10	15 8	12 21	12 4	18 2	1 54	4 29	S 4
S 5	22 46	12 38	0n 4	21 22	1 45	16 17	3 34	6 47	2 12	10 0	1 4	11 25	2 23	23 36	0 11	6 6	1 39	3 10	15 8	12 21	12 3	17 59	1 54	4 29	S 5
M 6	22 40	17 49	1 12	20 55	1 41	16 27	3 34	7 2	2 12	10 1	1 5	11 27	2 23	23 36	0 11	6 6	1 38	3 10	15 8	12 21	12 2	17 57	1 54	4 29	M 6
T 7	22 34	22 18	2 18	20 26	1 37	16 38	3 34	7 17	2 13	10 2	1 5	11 28	2 23	23 36	0 11	6 7	1 38	3 10	15 8	12 20	12 1	17 54	1 54	4 29	T 7
W 8	22 27	25 41	3 19	19 57	1 32	16 49	3 34	7 32	2 13	10 3	1 5	11 29	2 23	23 36	0 11	6 7	1 38	3 10	15 8	12 18	12 0	17 52	1 53	4 29	W 8
T 9	22 20	27 33	4 9	19 26	1 26	17 0	3 34	7 46	2 13	10 4	1 5	11 30	2 24	23 36	0 11	6 7	1 38	3 10	15 9	12 16	11 59	17 49	1 53	4 30	T 9
F 10	22 13	27 33	4 44	18 55	1 20	17 10	3 34	8 1	2 13	10 6	1 6	11 31	2 24	23 36	0 11	6 7	1 38	3 10	15 9	12 12	11 58	17 47	1 53	4 30	F 10
S 11	22 5	25 33	5 0	18 23	1 14	17 21	3 33	8 15	2 13	10 7	1 6	11 32	2 24	23 36	0 11	6 7	1 38	3 10	15 9	12 9	11 56	17 44	1 53	4 30	S 11
S 12	21 57	21 46	4 56	17 51	1 7	17 32	3 33	8 30	2 13	10 8	1 6	11 33	2 24	23 36	0 11	6 7	1 38	3 10	15 9	12 5	11 55	17 41	1 53	4 30	S 12
M13	21 48	16 33	4 31	17 18	0 59	17 42	3 32	8 44	2 14	10 10	1 7	11 34	2 24	23 36	0 11	6 8	1 38	3 10	15 10	12 2	11 54	17 39	1 53	4 30	M13
T 14	21 39	10 26	3 48	16 45	0 51	17 53	3 31	8 58	2 14	10 11	1 7	11 35	2 25	23 37	0 11	6 8	1 38	3 10	15 10	12 0	11 53	17 36	1 53	4 30	T 14
W15	21 30	3 52	2 52	16 12	0 42	18 3	3 30	9 12	2 14	10 13	1 7	11 36	2 25	23 37	0 11	6 8	1 38	3 10	15 10	11 58	11 52	17 33	1 52	4 31	W15
T 16	21 20	2s44	1 46	15 39	0 34	18 13	3 28	9 25	2 14	10 14	1 7	11 37	2 25	23 37	0 11	6 8	1 38	3 10	15 10	11 58	11 51	17 31	1 52	4 31	T 16
F 17	21 10	9 2	0 35	15 5	0 24	18 23	3 27	9 39	2 14	10 16	1 8	11 38	2 25	23 37	0 11	6 8	1 38	3 10	15 11	11 58	11 50	17 28	1 52	4 31	F 17
S 18	21 0	14 47	0s36	14 32	0 15	18 33	3 25	9 53	2 14	10 18	1 8	11 39	2 26	23 37	0 11	6 9	1 38	3 10	15 11	11 58	11 49	17 26	1 52	4 31	S 18
S 19	20 49	19 43	1 43	13 58	0 5	18 43	3 24	10 6	2 14	10 20	1 8	11 40	2 26	23 37	0 11	6 9	1 38	3 10	15 11	11 57	11 48	17 23	1 51	4 31	S 19
M20	20 38	23 37	2 43	13 25	0s 6	18 52	3 22	10 19	2 14	10 22	1 8	11 41	2 26	23 37	0 11	6 9	1 38	3 9	15 11	11 56	11 46	17 20	1 51	4 31	M20
T 21	20 27	26 19	3 34	12 52	0 16	19 2	3 20	10 33	2 14	10 24	1 9	11 41	2 26	23 37	0 11	6 9	1 38	3 9	15 12	11 54	11 45	17 18	1 51	4 32	T 21
W22	20 15	27 40	4 15	12 20	0 27	19 11	3 18	10 46	2 14	10 26	1 9	11 42	2 27	23 37	0 11	6 10	1 38	3 9	15 12	11 51	11 44	17 15	1 50	4 32	W22
T 23	20 3	27 38	4 42	11 47	0 39	19 19	3 16	10 59	2 14	10 28	1 9	11 43	2 27	23 37	0 11	6 10	1 38	3 9	15 12	11 48	11 43	17 12	1 50	4 32	T 23
F 24	19 50	26 16	4 57	11 16	0 50	19 28	3 14	11 11	2 14	10 30	1 9	11 43	2 27	23 37	0 11	6 10	1 38	3 9	15 13	11 43	11 42	17 10	1 50	4 32	F 24
S 25	19 38	23 42	4 58	10 45	1 2	19 36	3 12	11 24	2 14	10 32	1 10	11 44	2 27	23 37	0 11	6 11	1 38	3 9	15 13	11 38	11 41	17 7	1 49	4 32	S 25
S 26	19 25	20 8	4 46	10 14	1 14	19 44	3 9	11 37	2 14	10 34	1 10	11 45	2 28	23 37	0 11	6 11	1 37	3 9	15 13	11 34	11 40	17 4	1 49	4 32	S 26
M27	19 11	15 47	4 22	9 45	1 26	19 52	3 7	11 49	2 14	10 36	1 10	11 45	2 28	23 37	0 11	6 11	1 37	3 9	15 13	11 29	11 39	17 2	1 48	4 32	M27
T 28	18 57	10 51	3 46	9 16	1 39	19 59	3 4	12 1	2 14	10 39	1 10	11 46	2 28	23 37	0 11	6 12	1 37	3 8	15 14	11 26	11 38	16 59	1 48	4 33	T 28
W29	18 43	5 32	3 1	8 49	1 51	20 6	3 2	12 13	2 14	10 41	1 11	11 46	2 28	23 37	0 11	6 12	1 37	3 8	15 14	11 23	11 37	16 56	1 47	4 33	W29
T 30	18 29	0n 1	2 7	8 22	2 4	20 13	2 59	12 25	2 14	10 43	1 11	11 47	2 29	23 37	0 11	6 13	1 37	3 8	15 14	11 22	11 35	16 54	1 47	4 33	T 30
F 31	18n14	5n38	1s 7	7n57	2s17	20n19	2s56	12n37	2s14	10s46	1s11	11n47	2s29	23n37	0n11	6s13	1n37	3n 8	15s14	11n21	11n34	16s51	1n46	4n33	F 31

Julian Day Number = 2494094.5, Delta T = 101.38 sec
Ecliptic obliquity = 23°25'34, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'05, Lahiri = 25°29'05

ASTRODIENST EPHEMERIS for the year 2116
geocentric

AUGUST 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 16	9♌ 1'37	29♈12	4♍28	24♊ 4	10♉24	4°R56	7♉56	0♋58	19♎45	20♉29	29°D40	0♉15	27♒ 3	23°R54	S 1
S 2	20 43 12	9°59'00	11♉44	4°58	25° 6	11° 1	4♓49	7°58	1° 1	19°46	20°29	29°R40	0°12	27°10	23♓52	S 2
M 3	20 47 9	10°56'25	24°37	5°23	26° 9	11°38	4°43	8° 0	1° 4	19°47	20°29	29♈40	0° 8	27°16	23°50	M 3
T 4	20 51 6	11°53'50	7♊58	5°43	27°12	12°14	4°36	8° 1	1° 7	19°49	20°30	29°37	0° 5	27°23	23°49	T 4
W 5	20 55 2	12°51'17	21°47	5°59	28°15	12°50	4°29	8° 3	1°10	19°50	20°30	29°33	0° 2	27°30	23°47	W 5
T 6	20 58 59	13°48'44	6♋ 6	6°11	29°19	13°27	4°23	8° 5	1°13	19°51	20°30	29°26	29♈59	27°36	23°45	T 6
F 7	21 2 55	14°46'13	20°51	6°17	0♋23	14° 3	4°16	8° 6	1°15	19°52	20°31	29°17	29°56	27°43	23°43	F 7
S 8	21 6 52	15°43'43	5♌57	6°R18	1°27	14°38	4° 9	8° 7	1°18	19°53	20°31	29° 7	29°53	27°50	23°41	S 8
S 9	21 10 48	16°41'15	21°13	6°13	2°31	15°14	4° 2	8° 9	1°21	19°54	20°31	28°57	29°49	27°57	23°39	S 9
M10	21 14 45	17°38'46	6♍28	6° 4	3°35	15°49	3°54	8°10	1°24	19°55	20°31	28°48	29°46	28° 3	23°37	M10
T 11	21 18 42	18°36'19	21°32	5°49	4°40	16°24	3°47	8°11	1°26	19°57	20°32	28°41	29°43	28°10	23°34	T 11
W12	21 22 38	19°33'53	6♎16	5°29	5°45	16°59	3°40	8°12	1°29	19°58	20°32	28°37	29°40	28°17	23°32	W12
T 13	21 26 35	20°31'28	20°36	5° 3	6°50	17°33	3°32	8°12	1°32	19°59	20°32	28°35	29°37	28°23	23°30	T 13
F 14	21 30 31	21°29'03	4♏28	4°32	7°55	18° 7	3°25	8°13	1°34	20° 1	20°32	28°D35	29°34	28°30	23°28	F 14
S 15	21 34 28	22°26'40	17°55	3°57	9° 1	18°41	3°17	8°14	1°37	20° 2	20°32	28°R36	29°30	28°37	23°25	S 15
S 16	21 38 24	23°24'17	0♐59	3°17	10° 6	19°15	3° 9	8°14	1°39	20° 3	20°32	28°35	29°27	28°43	23°23	S 16
M17	21 42 21	24°21'55	13°42	2°34	11°12	19°48	3° 2	8°14	1°42	20° 5	20°32	28°34	29°24	28°50	23°21	M17
T 18	21 46 17	25°19'35	26°11	1°47	12°18	20°22	2°54	8°15	1°44	20° 6	20°32	28°30	29°21	28°57	23°18	T 18
W19	21 50 14	26°17'15	8♑26	0°57	13°25	20°55	2°46	8°15	1°47	20° 8	20°32	28°23	29°18	29° 4	23°16	W19
T 20	21 54 11	27°14'56	20°33	0° 6	14°31	21°27	2°39	8°R15	1°49	20° 9	20°R33	28°14	29°14	29°10	23°14	T 20
F 21	21 58 7	28°12'39	2♒33	29♌15	15°38	21°59	2°31	8°15	1°52	20°11	20°33	28° 4	29°11	29°17	23°11	F 21
S 22	22 2 4	29°10'23	14°28	28°23	16°44	22°31	2°23	8°15	1°54	20°12	20°32	27°53	29° 8	29°24	23° 9	S 22
S 23	22 6 0	0♍ 8'08	26°21	27°33	17°51	23° 3	2°15	8°15	1°56	20°14	20°32	27°42	29° 5	29°30	23° 6	S 23
M24	22 9 57	1° 5'54	8♓12	26°45	18°58	23°35	2° 7	8°14	1°58	20°15	20°32	27°32	29° 2	29°37	23° 4	M24
T 25	22 13 53	2° 3'42	20° 3	26° 1	20° 6	24° 6	1°59	8°14	2° 0	20°17	20°32	27°24	28°59	29°44	23° 1	T 25
W26	22 17 50	3° 1'31	1♈57	25°21	21°13	24°37	1°51	8°13	2° 3	20°19	20°32	27°19	28°55	29°51	22°59	W26
T 27	22 21 46	3°59'22	13°56	24°46	22°21	25° 7	1°43	8°12	2° 5	20°20	20°32	27°16	28°52	29°57	22°56	T 27
F 28	22 25 43	4°57'15	26° 2	24°17	23°29	25°37	1°36	8°12	2° 7	20°22	20°32	27°D15	28°49	0♓ 4	22°53	F 28
S 29	22 29 39	5°55'09	8♉20	23°55	24°36	26° 7	1°28	8°11	2° 9	20°24	20°32	27°15	28°46	0°11	22°51	S 29
S 30	22 33 36	6°53'05	20°53	23°40	25°45	26°36	1°20	8°10	2°11	20°25	20°31	27°16	28°43	0°17	22°48	S 30
M31	22 37 33	7♍51'03	3♊45	23°D34	26♋53	27♉ 5	1♓12	8♉ 9	2♋13	20♎27	20♉31	27°R17	28♈40	0♓24	22♓45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n59	11n 9	0s 2	7n33	2s29	20n25	2s53	12n49	2s14	10s48	1s11	11n48	2s29	23n37	0n11	6s13	1n37	3n 8	15s15	11n21	11n33	16s48	1n46	4n33
S 2	17 44	16 21	1n 3	7 10	2 42	20 30	2 50	13 0	2 13	10 51	1 11	11 48	2 29	23 37	0 11	6 14	1 37	3 8	15 15	11 21	11 32	16 45	1 45	4 33
M 3	17 29	20 59	2 8	6 50	2 54	20 35	2 47	13 12	2 13	10 53	1 12	11 48	2 30	23 37	0 11	6 14	1 37	3 7	15 15	11 21	11 31	16 43	1 44	4 33
T 4	17 13	24 43	3 8	6 31	3 7	20 40	2 44	13 23	2 13	10 56	1 12	11 49	2 30	23 37	0 11	6 15	1 37	3 7	15 16	11 20	11 30	16 40	1 44	4 33
W 5	16 57	27 9	3 59	6 14	3 19	20 44	2 41	13 34	2 13	10 59	1 12	11 49	2 30	23 37	0 11	6 15	1 37	3 7	15 16	11 18	11 29	16 37	1 43	4 34
T 6	16 40	27 54	4 37	5 59	3 31	20 48	2 38	13 45	2 13	11 1	1 12	11 49	2 30	23 36	0 11	6 16	1 37	3 7	15 16	11 16	11 28	16 35	1 42	4 34
F 7	16 24	26 43	4 58	5 46	3 42	20 51	2 34	13 56	2 12	11 4	1 12	11 49	2 31	23 36	0 11	6 16	1 37	3 7	15 16	11 13	11 26	16 32	1 42	4 34
S 8	16 7	23 36	4 59	5 35	3 53	20 54	2 31	14 7	2 12	11 7	1 13	11 50	2 31	23 36	0 11	6 17	1 37	3 6	15 17	11 9	11 25	16 29	1 41	4 34
S 9	15 50	18 50	4 39	5 27	4 3	20 57	2 28	14 17	2 12	11 9	1 13	11 50	2 31	23 36	0 11	6 17	1 37	3 6	15 17	11 6	11 24	16 26	1 40	4 34
M10	15 32	12 50	3 59	5 22	4 13	20 59	2 24	14 28	2 12	11 12	1 13	11 50	2 31	23 36	0 11	6 18	1 37	3 6	15 17	11 2	11 23	16 24	1 40	4 34
T 11	15 15	6 10	3 3	5 19	4 22	21 0	2 21	14 38	2 11	11 15	1 13	11 50	2 32	23 36	0 11	6 18	1 37	3 6	15 18	11 0	11 22	16 21	1 39	4 34
W12	14 57	0s43	1 56	5 19	4 29	21 1	2 17	14 48	2 11	11 18	1 13	11 50	2 32	23 36	0 11	6 19	1 37	3 6	15 18	10 59	11 21	16 18	1 38	4 34
T 13	14 38	7 23	0 42	5 22	4 36	21 2	2 13	14 58	2 11	11 21	1 13	11 50	2 32	23 36	0 11	6 19	1 37	3 5	15 18	10 58	11 20	16 15	1 37	4 34
F 14	14 20	13 30	0s31	5 28	4 41	21 2	2 10	15 8	2 10	11 24	1 14	11 50	2 32	23 36	0 11	6 20	1 37	3 5	15 18	10 58	11 19	16 13	1 36	4 34
S 15	14 1	18 47	1 41	5 37	4 45	21 1	2 6	15 18	2 10	11 27	1 14	11 50	2 33	23 36	0 11	6 20	1 37	3 5	15 19	10 58	11 18	16 10	1 36	4 34
S 16	13 43	23 0	2 43	5 49	4 48	21 0	2 2	15 27	2 9	11 29	1 14	11 50	2 33	23 36	0 11	6 21	1 37	3 5	15 19	10 58	11 16	16 7	1 35	4 35
M17	13 24	26 0	3 36	6 4	4 48	20 59	1 59	15 37	2 9	11 32	1 14	11 50	2 33	23 36	0 11	6 21	1 36	3 4	15 19	10 57	11 15	16 4	1 34	4 35
T 18	13 4	27 39	4 17	6 21	4 47	20 57	1 55	15 46	2 8	11 35	1 14	11 50	2 33	23 36	0 11	6 22	1 36	3 4	15 20	10 56	11 14	16 2	1 33	4 35
W19	12 45	27 54	4 46	6 41	4 45	20 55	1 51	15 55	2 8	11 38	1 14	11 49	2 34	23 36	0 11	6 22	1 36	3 4	15 20	10 54	11 13	15 59	1 32	4 35
T 20	12 25	26 49	5 1	7 4	4 40	20 52	1 47	16 4	2 8	11 41	1 14	11 49	2 34	23 36	0 11	6 23	1 36	3 3	15 20	10 51	11 12	15 56	1 31	4 35
F 21	12 5	24 29	5 3	7 28	4 33	20 48	1 43	16 13	2 7	11 44	1 15	11 49	2 34	23 36	0 11	6 24	1 36	3 3	15 21	10 47	11 11	15 53	1 30	4 35
S 22	11 45	21 7	4 51	7 53	4 25	20 44	1 40	16 21	2 6	11 47	1 15	11 49	2 34	23 36	0 12	6 24	1 36	3 3	15 21	10 43	11 10	15 50	1 29	4 35
S 23	11 25	16 55	4 27	8 20	4 14	20 39	1 36	16 30	2 6	11 50	1 15	11 48	2 35	23 36	0 12	6 25	1 36	3 3	15 21	10 39	11 9	15 48	1 28	4 35
M24	11 5	12 4	3 51	8 47	4 2	20 34	1 32	16 38	2 5	11 53	1 15	11 48	2 35	23 36	0 12	6 26	1 36	3 2	15 21	10 35	11 7	15 45	1 27	4 35
T 25	10 44	6 47	3 6	9 15	3 49	20 29	1 28	16 46	2 5	11 56	1 15	11 48	2 35	23 36	0 12	6 26	1 36	3 2	15 22	10 33	11 6	15 42	1 26	4 35
W26	10 23	1 14	2 11	9 42	3 34	20 22	1 24	16 54	2 4	11 59	1 15	11 47	2 35	23 36	0 12	6 27	1 36	3 2	15 22	10 31	11 5	15 39	1 25	4 35
T 27	10 2	4n24	1 11	10 9	3 18	20 16	1 20	17 2	2 3	12 2	1 15	11 47	2 36	23 36	0 12	6 27	1 36	3 1	15 22	10 30	11 4	15 36	1 24	4 35
F 28	9 41	9 57	0 6	10 35	3 1	20 8	1 16	17 10	2 3	12 4	1 15	11 46	2 36	23 36	0 12	6 28	1 36	3 1	15 23	10 29	11 3	15 34	1 23	4 35
S 29	9 20	15 13	0n59	10 59	2 43	20 0	1 12	17 18	2 2	12 7	1 15	11 46	2 36	23 36	0 12	6 29	1 36	3 1	15 23	10 29	11 2	15 31	1 22	4 35
S 30	8 59	19 57	2 4	11 21	2 25	19 52	1 8	17 25	2 1	12 10	1 15	11 45	2 36	23 36	0 12	6 29	1 36	3 0	15 23	10 30	11 1	15 28	1 21	4 35
M31	8n37	23n54	3n 4	11n40	2s 6	19n43	1s 4	17n32	2s 1	12s13	1s15	11n45	2s37	23n36	0n12	6s30	1n36	3n 0	15s23	10n30	11n 0	15s25	1n20	4n35

Julian Day Number = 2494125.5, Delta T = 101.42 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'09, Lahiri = 25°29'10

ASTRODIENST EPHEMERIS for the year 2116
geocentric

SEPTEMBER 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 29	8♍49'03	17♊ 0	23♌35	28♋ 1	27♉34	1°R 4	8°R 8	2♋15	20♎29	20°R31	27°R17	28♈36	0♓31	22°R43	T 1
W 2	22 45 26	9°47'05	0♋42	23°44	29°10	28° 2	0♓57	8♉ 6	2°16	20°31	20♉31	27♈15	28°33	0°37	22♓40	W 2
T 3	22 49 22	10°45'09	14°52	24° 2	0♌18	28°30	0°49	8° 5	2°18	20°32	20°31	27°11	28°30	0°44	22°37	T 3
F 4	22 53 19	11°43'15	29°27	24°29	1°27	28°58	0°41	8° 3	2°20	20°34	20°30	27° 6	28°27	0°51	22°34	F 4
S 5	22 57 15	12°41'22	14♌24	25° 3	2°36	29°25	0°34	8° 2	2°22	20°36	20°30	26°59	28°24	0°58	22°32	S 5
S 6	23 1 12	13°39'31	29°35	25°46	3°45	29°52	0°26	8° 0	2°23	20°38	20°30	26°53	28°20	1° 4	22°29	S 6
M 7	23 5 8	14°37'42	14♍50	26°36	4°55	0♊18	0°19	7°58	2°25	20°40	20°29	26°47	28°17	1°11	22°26	M 7
T 8	23 9 5	15°35'55	29°58	27°34	6° 4	0°44	0°11	7°56	2°27	20°42	20°29	26°43	28°14	1°18	22°23	T 8
W 9	23 13 2	16°34'09	14♎49	28°39	7°13	1° 9	0° 4	7°54	2°28	20°44	20°28	26°40	28°11	1°24	22°21	W 9
T 10	23 16 58	17°32'25	29°18	29°51	8°23	1°34	29♒57	7°52	2°30	20°46	20°28	26°D40	28° 8	1°31	22°18	T 10
F 11	23 20 55	18°30'43	13♏20	1♍ 9	9°33	1°59	29°50	7°50	2°31	20°48	20°28	26°41	28° 5	1°38	22°15	F 11
S 12	23 24 51	19°29'02	26°54	2°32	10°43	2°23	29°43	7°48	2°32	20°49	20°27	26°42	28° 1	1°44	22°12	S 12
S 13	23 28 48	20°27'22	10♐ 3	4° 1	11°53	2°46	29°36	7°45	2°34	20°51	20°27	26°44	27°58	1°51	22° 9	S 13
M14	23 32 44	21°25'45	22°49	5°34	13° 3	3° 9	29°29	7°43	2°35	20°53	20°26	26°R44	27°55	1°58	22° 7	M14
T 15	23 36 41	22°24'08	5♑16	7°10	14°13	3°32	29°22	7°40	2°36	20°55	20°26	26°43	27°52	2° 5	22° 4	T 15
W16	23 40 37	23°22'34	17°29	8°51	15°23	3°54	29°16	7°38	2°37	20°57	20°25	26°41	27°49	2°11	22° 1	W16
T 17	23 44 34	24°21'00	29°31	10°34	16°34	4°15	29° 9	7°35	2°39	20°59	20°25	26°37	27°46	2°18	21°58	T 17
F 18	23 48 31	25°19'29	11♒26	12°19	17°44	4°36	29° 3	7°32	2°40	21° 2	20°24	26°32	27°42	2°25	21°55	F 18
S 19	23 52 27	26°17'59	23°18	14° 6	18°55	4°56	28°57	7°29	2°41	21° 4	20°23	26°27	27°39	2°31	21°53	S 19
S 20	23 56 24	27°16'31	5♓ 9	15°55	20° 5	5°16	28°51	7°26	2°42	21° 6	20°23	26°21	27°36	2°38	21°50	S 20
M21	0 0 20	28°15'05	17° 2	17°45	21°16	5°36	28°45	7°23	2°43	21° 8	20°22	26°17	27°33	2°45	21°47	M21
T 22	0 4 17	29°13'40	28°58	19°35	22°27	5°54	28°39	7°20	2°44	21°10	20°22	26°13	27°30	2°51	21°44	T 22
W23	0 8 13	0♎12'18	11♈ 0	21°26	23°38	6°12	28°34	7°17	2°44	21°12	20°21	26°11	27°26	2°58	21°41	W23
T 24	0 12 10	1°10'57	23° 8	23°18	24°50	6°30	28°28	7°13	2°45	21°14	20°20	26°D10	27°23	3° 5	21°39	T 24
F 25	0 16 6	2° 9'39	5♉26	25° 9	26° 1	6°47	28°23	7°10	2°46	21°16	20°20	26°10	27°20	3°11	21°36	F 25
S 26	0 20 3	3° 8'22	17°54	27° 0	27°12	7° 3	28°18	7° 7	2°47	21°18	20°19	26°11	27°17	3°18	21°33	S 26
S 27	0 24 0	4° 7'08	0♊36	28°51	28°24	7°19	28°13	7° 3	2°47	21°20	20°18	26°13	27°14	3°25	21°30	S 27
M28	0 27 56	5° 5'56	13°35	0♎41	29°35	7°34	28° 8	6°59	2°48	21°23	20°17	26°14	27°11	3°32	21°28	M28
T 29	0 31 53	6° 4'47	26°51	2°31	0♍47	7°48	28° 3	6°56	2°48	21°25	20°17	26°15	27° 7	3°38	21°25	T 29
W30	0 35 49	7♎ 3'39	10♋29	4♎20	1♍59	8♊ 2	27♒58	6♉52	2♋49	21♎27	20♉16	26°R15	27♈ 4	3♓45	21♓22	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	8n16	26n42	3n56	11n58	1s47	19n34	1s 0	17n40	2s 0	12s16	1s16	11n44	2s37	23n36	0n12	6s31	1n36	3n 0	15s24	10n30	10n58	15s22	1n19	4n35
W 2	7 54	28 2	4 36	12 12	1 29	19 24	0 56	17 47	1 59	12 19	1 16	11 43	2 37	23 36	0 12	6 32	1 36	2 59	15 24	10 29	10 57	15 19	1 18	4 35
T 3	7 32	27 35	5 1	12 23	1 11	19 13	0 52	17 54	1 58	12 21	1 16	11 43	2 37	23 36	0 12	6 32	1 36	2 59	15 24	10 28	10 56	15 17	1 17	4 35
F 4	7 10	25 16	5 8	12 32	0 53	19 2	0 49	18 0	1 57	12 24	1 16	11 42	2 38	23 36	0 12	6 33	1 36	2 59	15 24	10 26	10 55	15 14	1 16	4 35
S 5	6 48	21 11	4 54	12 36	0 35	18 51	0 45	18 7	1 57	12 27	1 16	11 41	2 38	23 36	0 12	6 34	1 36	2 58	15 25	10 24	10 54	15 11	1 15	4 35
S 6	6 25	15 40	4 20	12 38	0 19	18 38	0 41	18 13	1 56	12 30	1 16	11 41	2 38	23 36	0 12	6 34	1 36	2 58	15 25	10 21	10 53	15 8	1 14	4 35
M 7	6 3	9 9	3 27	12 36	0 3	18 26	0 37	18 20	1 55	12 32	1 16	11 40	2 38	23 36	0 12	6 35	1 36	2 58	15 25	10 19	10 52	15 5	1 13	4 35
T 8	5 40	2 9	2 20	12 30	0n12	18 13	0 33	18 26	1 54	12 35	1 16	11 39	2 38	23 36	0 12	6 36	1 36	2 57	15 26	10 18	10 50	15 2	1 12	4 35
W 9	5 18	4s51	1 4	12 20	0 26	17 59	0 29	18 32	1 53	12 37	1 16	11 38	2 39	23 36	0 12	6 37	1 36	2 57	15 26	10 17	10 49	14 59	1 10	4 35
T 10	4 55	11 27	0s14	12 7	0 39	17 45	0 26	18 38	1 52	12 40	1 16	11 37	2 39	23 36	0 12	6 37	1 36	2 57	15 26	10 17	10 48	14 57	1 9	4 35
F 11	4 32	17 15	1 29	11 51	0 51	17 30	0 22	18 44	1 51	12 42	1 16	11 36	2 39	23 36	0 12	6 38	1 36	2 56	15 26	10 17	10 47	14 54	1 8	4 35
S 12	4 10	22 0	2 37	11 31	1 1	17 15	0 18	18 50	1 50	12 45	1 16	11 35	2 39	23 36	0 12	6 39	1 36	2 56	15 27	10 18	10 46	14 51	1 7	4 35
S 13	3 47	25 29	3 34	11 8	1 11	16 59	0 14	18 55	1 49	12 47	1 16	11 34	2 40	23 36	0 12	6 40	1 36	2 56	15 27	10 18	10 45	14 48	1 6	4 35
M14	3 24	27 33	4 19	10 42	1 19	16 43	0 11	19 1	1 48	12 50	1 16	11 33	2 40	23 36	0 12	6 40	1 36	2 55	15 27	10 18	10 44	14 45	1 5	4 35
T 15	3 1	28 9	4 50	10 13	1 27	16 27	0 7	19 6	1 47	12 52	1 16	11 32	2 40	23 36	0 12	6 41	1 36	2 55	15 27	10 18	10 43	14 42	1 4	4 35
W16	2 38	27 22	5 8	9 41	1 33	16 10	0 3	19 11	1 45	12 54	1 16	11 31	2 40	23 36	0 12	6 42	1 36	2 54	15 28	10 17	10 41	14 39	1 2	4 35
T 17	2 15	25 19	5 11	9 7	1 38	15 52	0n 0	19 17	1 44	12 57	1 16	11 30	2 40	23 36	0 12	6 43	1 36	2 54	15 28	10 16	10 40	14 36	1 1	4 34
F 18	1 51	22 10	5 1	8 31	1 43	15 34	0 4	19 22	1 43	12 59	1 16	11 29	2 41	23 36	0 12	6 43	1 36	2 54	15 28	10 14	10 39	14 34	1 0	4 34
S 19	1 28	18 7	4 39	7 53	1 46	15 16	0 7	19 26	1 42	13 1	1 16	11 28	2 41	23 36	0 12	6 44	1 36	2 53	15 28	10 12	10 38	14 31	0 59	4 34
S 20	1 5	13 24	4 4	7 13	1 48	14 57	0 11	19 31	1 40	13 3	1 16	11 27	2 41	23 36	0 12	6 45	1 36	2 53	15 29	10 10	10 37	14 28	0 58	4 34
M21	0 42	8 10	3 18	6 31	1 50	14 37	0 14	19 36	1 39	13 5	1 15	11 26	2 41	23 36	0 12	6 46	1 36	2 53	15 29	10 8	10 36	14 25	0 57	4 34
T 22	0 18	2 36	2 24	5 49	1 50	14 18	0 17	19 41	1 38	13 7	1 15	11 25	2 41	23 36	0 12	6 47	1 35	2 52	15 29	10 7	10 35	14 22	0 55	4 34
W23	0s 5	3n 5	1 22	5 5	1 50	13 57	0 21	19 45	1 36	13 9	1 15	11 23	2 41	23 36	0 12	6 47	1 35	2 52	15 29	10 6	10 33	14 19	0 54	4 34
T 24	0 28	8 44	0 17	4 20	1 49	13 37	0 24	19 49	1 35	13 11	1 15	11 22	2 42	23 36	0 12	6 48	1 35	2 51	15 30	10 6	10 32	14 16	0 53	4 34
F 25	0 52	14 7	0n51	3 35	1 48	13 16	0 27	19 54	1 33	13 12	1 15	11 21	2 42	23 36	0 12	6 49	1 35	2 51	15 30	10 6	10 31	14 13	0 52	4 34
S 26	1 15	19 2	1 57	2 49	1 46	12 54	0 30	19 58	1 32	13 14	1 15	11 20	2 42	23 36	0 12	6 50	1 35	2 51	15 30	10 6	10 30	14 10	0 51	4 34
S 27	1 38	23 11	2 59	2 2	1 43	12 33	0 33	20 2	1 30	13 16	1 15	11 18	2 42	23 36	0 12	6 51	1 35	2 50	15 30	10 7	10 29	14 7	0 49	4 33
M28	2 1	26 16	3 52	1 15	1 40	12 11	0 36	20 6	1 29	13 17	1 15	11 17	2 42	23 36	0 12	6 51	1 35	2 50	15 30	10 7	10 28	14 4	0 48	4 33
T 29	2 25	27 58	4 35	0 29	1 36	11 48	0 39	20 10	1 27	13 19	1 15	11 16	2 42	23 36	0 12	6 52	1 35	2 50	15 31	10 8	10 27	14 1	0 47	4 33
W30	2s48	28n 4	5n 4	0s18	1n32	11n25	0n42	20n14	1s26	13s20	1s15	11n14	2s43	23n36	0n12	6s53	1n35	2n49	15s31	10n 8	10n25	13s58	0n46	4n33

Julian Day Number = 2494156.5, Delta T = 101.47 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'13, Lahiri = 25°29'14

ASTRODIENST EPHEMERIS for the year 2116
geocentric

OCTOBER 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 46	8♎ 2'34	24♋28	6♎ 8	3♍11	8♊15	27°R54	6°R48	2♋49	21♎29	20°R15	26°R15	27♈ 1	3♓52	21°R20	T 1
F 2	0 43 42	9° 1'32	8♌47	7°56	4°23	8°27	27♒50	6♉44	2°50	21°31	20♉14	26♈13	26°58	3°58	21♓17	F 2
S 3	0 47 39	10° 0'31	23°26	9°43	5°35	8°38	27°46	6°40	2°50	21°34	20°14	26°11	26°55	4° 5	21°15	S 3
S 4	0 51 35	10°59'33	8♍17	11°29	6°47	8°49	27°42	6°36	2°50	21°36	20°13	26° 9	26°51	4°12	21°12	S 4
M 5	0 55 32	11°58'37	23°15	13°14	7°59	8°59	27°38	6°32	2°50	21°38	20°12	26° 8	26°48	4°18	21° 9	M 5
T 6	0 59 29	12°57'43	8♎10	14°59	9°11	9° 8	27°35	6°28	2°51	21°40	20°11	26° 7	26°45	4°25	21° 7	T 6
W 7	1 3 25	13°56'51	22°55	16°42	10°24	9°17	27°32	6°24	2°51	21°42	20°10	26°D 6	26°42	4°32	21° 4	W 7
T 8	1 7 22	14°56'01	7♏23	18°25	11°36	9°24	27°29	6°19	2°R51	21°45	20° 9	26° 6	26°39	4°39	21° 2	T 8
F 9	1 11 18	15°55'13	21°28	20° 7	12°49	9°31	27°26	6°15	2°51	21°47	20° 8	26° 7	26°36	4°45	20°59	F 9
S 10	1 15 15	16°54'27	5♐ 9	21°48	14° 1	9°37	27°23	6°11	2°51	21°49	20° 8	26° 8	26°32	4°52	20°57	S 10
S 11	1 19 11	17°53'43	18°23	23°29	15°14	9°42	27°20	6° 6	2°50	21°51	20° 7	26° 9	26°29	4°59	20°54	S 11
M12	1 23 8	18°53'00	1♑15	25° 9	16°27	9°46	27°18	6° 2	2°50	21°54	20° 6	26° 9	26°26	5° 5	20°52	M12
T 13	1 27 4	19°52'20	13°45	26°47	17°40	9°50	27°16	5°57	2°50	21°56	20° 5	26°10	26°23	5°12	20°50	T 13
W14	1 31 1	20°51'41	25°59	28°26	18°53	9°53	27°14	5°53	2°50	21°58	20° 4	26°R10	26°20	5°19	20°47	W14
T 15	1 34 58	21°51'04	8♒ 1	0♏ 3	20° 6	9°54	27°12	5°48	2°50	22° 0	20° 3	26° 9	26°17	5°25	20°45	T 15
F 16	1 38 54	22°50'28	19°55	1°40	21°19	9°55	27°11	5°44	2°49	22° 2	20° 2	26° 9	26°13	5°32	20°43	F 16
S 17	1 42 51	23°49'55	1♓46	3°16	22°32	9°R55	27°10	5°39	2°49	22° 5	20° 1	26° 9	26°10	5°39	20°41	S 17
S 18	1 46 47	24°49'23	13°38	4°51	23°45	9°54	27° 8	5°34	2°48	22° 7	20° 0	26° 8	26° 7	5°45	20°38	S 18
M19	1 50 44	25°48'53	25°33	6°26	24°58	9°53	27° 8	5°30	2°48	22° 9	19°59	26°D 8	26° 4	5°52	20°36	M19
T 20	1 54 40	26°48'24	7♈36	8° 0	26°12	9°50	27° 7	5°25	2°47	22°11	19°58	26° 8	26° 1	5°59	20°34	T 20
W21	1 58 37	27°47'58	19°48	9°33	27°25	9°47	27° 6	5°20	2°46	22°14	19°57	26°R 8	25°57	6° 6	20°32	W21
T 22	2 2 33	28°47'34	2♉11	11° 6	28°39	9°42	27° 6	5°15	2°46	22°16	19°56	26° 8	25°54	6°12	20°30	T 22
F 23	2 6 30	29°47'11	14°45	12°39	29°52	9°37	27°D 6	5°11	2°45	22°18	19°55	26° 8	25°51	6°19	20°28	F 23
S 24	2 10 26	0♏46'51	27°33	14°10	1♎ 6	9°31	27° 6	5° 6	2°44	22°20	19°54	26° 8	25°48	6°26	20°26	S 24
S 25	2 14 23	1°46'33	10♊34	15°41	2°19	9°24	27° 6	5° 1	2°43	22°23	19°53	26° 7	25°45	6°32	20°24	S 25
M26	2 18 20	2°46'18	23°49	17°12	3°33	9°16	27° 7	4°56	2°43	22°25	19°52	26° 6	25°42	6°39	20°22	M26
T 27	2 22 16	3°46'04	7♋18	18°42	4°47	9° 7	27° 7	4°51	2°42	22°27	19°51	26° 6	25°38	6°46	20°20	T 27
W28	2 26 13	4°45'53	21° 0	20°11	6° 1	8°57	27° 8	4°47	2°41	22°29	19°49	26° 5	25°35	6°52	20°19	W28
T 29	2 30 9	5°45'43	4♌56	21°40	7°14	8°47	27° 9	4°42	2°40	22°31	19°48	26°D 5	25°32	6°59	20°17	T 29
F 30	2 34 6	6°45'37	19° 4	23° 8	8°28	8°35	27°11	4°37	2°39	22°34	19°47	26° 5	25°29	7° 6	20°15	F 30
S 31	2 38 2	7♏45'32	3♍22	24♏35	9♎42	8♊23	27♒12	4♉32	2♋37	22♎36	19♉46	26♈ 6	25♈26	7♓12	20♓13	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	3s11	26n23	5n15	1s 5	1n28	11n 2	0n45	20n17	1s24	13s22	1s15	11n13	2s43	23n36	0n12	6s54	1n35	2n49	15s31	10n 8	10n24	13s55	0n45	4n33
F 2	3 35	23 0	5 8	1 52	1 23	10 38	0 48	20 21	1 22	13 23	1 15	11 12	2 43	23 36	0 12	6 55	1 35	2 48	15 31	10 7	10 23	13 53	0 44	4 33
S 3	3 58	18 7	4 41	2 39	1 18	10 15	0 50	20 25	1 20	13 25	1 15	11 10	2 43	23 36	0 12	6 56	1 35	2 48	15 31	10 6	10 22	13 50	0 42	4 33
S 4	4 21	12 5	3 55	3 25	1 13	9 50	0 53	20 28	1 19	13 26	1 14	11 9	2 43	23 36	0 12	6 56	1 35	2 48	15 32	10 6	10 21	13 47	0 41	4 32
M 5	4 44	5 19	2 52	4 11	1 7	9 26	0 56	20 31	1 17	13 27	1 14	11 7	2 43	23 36	0 12	6 57	1 35	2 47	15 32	10 5	10 20	13 44	0 40	4 32
T 6	5 7	1s45	1 38	4 57	1 2	9 1	0 58	20 35	1 15	13 28	1 14	11 6	2 43	23 36	0 12	6 58	1 35	2 47	15 32	10 5	10 19	13 41	0 39	4 32
W 7	5 30	8 38	0 18	5 42	0 56	8 36	1 1	20 38	1 13	13 29	1 14	11 4	2 43	23 36	0 12	6 59	1 35	2 47	15 32	10 4	10 17	13 38	0 38	4 32
T 8	5 53	14 57	1s 2	6 27	0 49	8 11	1 3	20 41	1 11	13 30	1 14	11 3	2 43	23 36	0 12	7 0	1 35	2 46	15 32	10 4	10 16	13 35	0 37	4 32
F 9	6 16	20 19	2 16	7 12	0 43	7 45	1 5	20 44	1 9	13 31	1 14	11 1	2 44	23 36	0 12	7 1	1 35	2 46	15 32	10 5	10 15	13 32	0 36	4 32
S 10	6 38	24 25	3 20	7 56	0 37	7 19	1 8	20 47	1 7	13 32	1 14	11 0	2 44	23 36	0 12	7 1	1 35	2 45	15 33	10 5	10 14	13 29	0 34	4 31
S 11	7 1	27 5	4 11	8 39	0 30	6 53	1 10	20 50	1 5	13 32	1 14	10 58	2 44	23 36	0 12	7 2	1 35	2 45	15 33	10 5	10 13	13 26	0 33	4 31
M12	7 24	28 13	4 48	9 22	0 23	6 27	1 12	20 52	1 2	13 33	1 13	10 57	2 44	23 36	0 13	7 3	1 35	2 45	15 33	10 6	10 12	13 23	0 32	4 31
T 13	7 46	27 51	5 10	10 4	0 17	6 1	1 14	20 55	1 0	13 34	1 13	10 55	2 44	23 36	0 13	7 4	1 35	2 44	15 33	10 6	10 11	13 20	0 31	4 31
W14	8 8	26 8	5 17	10 45	0 10	5 34	1 16	20 58	0 58	13 34	1 13	10 54	2 44	23 36	0 13	7 5	1 35	2 44	15 33	10 6	10 9	13 17	0 30	4 31
T 15	8 31	23 15	5 10	11 26	0 3	5 7	1 18	21 0	0 56	13 35	1 13	10 52	2 44	23 36	0 13	7 5	1 35	2 44	15 33	10 6	10 8	13 14	0 29	4 30
F 16	8 53	19 25	4 50	12 7	0s 4	4 40	1 20	21 3	0 53	13 35	1 13	10 51	2 44	23 36	0 13	7 6	1 35	2 43	15 33	10 5	10 7	13 11	0 28	4 30
S 17	9 15	14 51	4 18	12 46	0 11	4 13	1 21	21 5	0 51	13 35	1 13	10 49	2 44	23 36	0 13	7 7	1 35	2 43	15 33	10 5	10 6	13 8	0 27	4 30
S 18	9 36	9 44	3 35	13 25	0 18	3 45	1 23	21 7	0 48	13 36	1 13	10 47	2 44	23 36	0 13	7 8	1 35	2 42	15 34	10 5	10 5	13 5	0 26	4 30
M19	9 58	4 14	2 42	14 3	0 25	3 18	1 25	21 10	0 46	13 36	1 13	10 46	2 44	23 36	0 13	7 9	1 35	2 42	15 34	10 5	10 4	13 2	0 25	4 30
T 20	10 20	1n28	1 41	14 40	0 32	2 50	1 26	21 12	0 43	13 36	1 12	10 44	2 44	23 36	0 13	7 10	1 35	2 42	15 34	10 5	10 2	12 59	0 24	4 29
W21	10 41	7 12	0 35	15 16	0 38	2 22	1 28	21 14	0 41	13 36	1 12	10 43	2 44	23 37	0 13	7 10	1 35	2 41	15 34	10 5	10 1	12 56	0 23	4 29
T 22	11 2	12 45	0n33	15 52	0 45	1 54	1 29	21 16	0 38	13 36	1 12	10 41	2 44	23 37	0 13	7 11	1 35	2 41	15 34	10 5	10 0	12 53	0 22	4 29
F 23	11 23	17 52	1 41	16 27	0 52	1 26	1 30	21 18	0 35	13 36	1 12	10 40	2 44	23 37	0 13	7 12	1 35	2 41	15 34	10 5	9 59	12 50	0 21	4 29
S 24	11 44	22 17	2 46	17 1	0 59	0 58	1 31	21 20	0 33	13 36	1 12	10 38	2 44	23 37	0 13	7 13	1 35	2 40	15 34	10 5	9 58	12 47	0 20	4 28
S 25	12 5	25 41	3 42	17 34	1 5	0 30	1 33	21 21	0 30	13 35	1 12	10 36	2 44	23 37	0 13	7 14	1 35	2 40	15 34	10 5	9 57	12 44	0 19	4 28
M26	12 26	27 45	4 28	18 6	1 12	0 1	1 34	21 23	0 27	13 35	1 11	10 35	2 44	23 37	0 13	7 14	1 35	2 40	15 34	10 5	9 56	12 41	0 18	4 28
T 27	12 46	28 13	5 0	18 38	1 18	0s27	1 35	21 24	0 24	13 35	1 11	10 33	2 44	23 37	0 13	7 15	1 35	2 39	15 34	10 4	9 54	12 38	0 17	4 28
W28	13 6	26 59	5 16	19 8	1 24	0 56	1 35	21 26	0 21	13 34	1 11	10 32	2 44	23 37	0 13	7 16	1 35	2 39	15 35	10 4	9 53	12 35	0 16	4 27
T 29	13 26	24 5	5 13	19 37	1 30	1 24	1 36	21 27	0 19	13 34	1 11	10 30	2 44	23 37	0 13	7 17	1 36	2 39	15 35	10 4	9 52	12 32	0 15	4 27
F 30	13 46	19 43	4 52	20 6	1 36	1 52	1 37	21 28	0 16	13 33	1 11	10 28	2 44	23 37	0 13	7 18	1 36	2 38	15 35	10 4	9 51	12 29	0 14	4 27
S 31	14s 5	14n11	4n12	20s33	1s42	2s21	1n38	21n29	0s13	13s33	1s11	10n27	2s44	23n37	0n13	7s18	1n36	2n38	15s35	10n 4	9n50	12s25	0n13	4n27

Julian Day Number = 2494186.5, Delta T = 101.51 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'18, Lahiri = 25°29'18

ASTRODIENST EPHEMERIS for the year 2116
geocentric

NOVEMBER 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 59	8♏45'29	17♍49	26♏ 2	10♎56	8°R10	27♒14	4°R27	2°R36	22♎38	19°R45	26♈ 7	25♈23	7♓19	20°R12	S 1
M 2	2 45 56	9°45'29	2♎20	27°29	12°11	7♊56	27°16	4♉23	2♋35	22°40	19♉44	26° 8	25°19	7°26	20♓10	M 2
T 3	2 49 52	10°45'30	16°50	28°54	13°25	7°41	27°18	4°18	2°34	22°42	19°43	26° 8	25°16	7°32	20° 9	T 3
W 4	2 53 49	11°45'34	1♏15	0♐19	14°39	7°26	27°20	4°13	2°32	22°44	19°42	26°R 8	25°13	7°39	20° 7	W 4
T 5	2 57 45	12°45'39	15°27	1°43	15°53	7°10	27°23	4° 8	2°31	22°47	19°41	26° 8	25°10	7°46	20° 6	T 5
F 6	3 1 42	13°45'47	29°24	3° 7	17° 7	6°53	27°25	4° 4	2°30	22°49	19°40	26° 6	25° 7	7°53	20° 4	F 6
S 7	3 5 38	14°45'56	13♐ 1	4°29	18°22	6°35	27°28	3°59	2°28	22°51	19°38	26° 4	25° 3	7°59	20° 3	S 7
S 8	3 9 35	15°46'07	26°16	5°51	19°36	6°17	27°31	3°54	2°27	22°53	19°37	26° 1	25° 0	8° 6	20° 2	S 8
M 9	3 13 31	16°46'20	9♑10	7°11	20°51	5°58	27°35	3°50	2°25	22°55	19°36	25°58	24°57	8°13	20° 1	M 9
T 10	3 17 28	17°46'34	21°44	8°31	22° 5	5°39	27°38	3°45	2°24	22°57	19°35	25°55	24°54	8°19	19°59	T 10
W11	3 21 25	18°46'49	4♒ 0	9°49	23°19	5°19	27°42	3°40	2°22	22°59	19°34	25°53	24°51	8°26	19°58	W11
T 12	3 25 21	19°47'06	16° 3	11° 6	24°34	4°59	27°46	3°36	2°20	23° 1	19°33	25°D52	24°48	8°33	19°57	T 12
F 13	3 29 18	20°47'25	27°57	12°22	25°49	4°38	27°50	3°31	2°19	23° 3	19°32	25°52	24°44	8°39	19°56	F 13
S 14	3 33 14	21°47'45	9♓48	13°35	27° 3	4°17	27°54	3°27	2°17	23° 5	19°31	25°53	24°41	8°46	19°55	S 14
S 15	3 37 11	22°48'06	21°39	14°47	28°18	3°56	27°58	3°23	2°15	23° 7	19°29	25°55	24°38	8°53	19°54	S 15
M16	3 41 7	23°48'28	3♈37	15°57	29°32	3°34	28° 3	3°18	2°13	23° 9	19°28	25°57	24°35	8°59	19°54	M16
T 17	3 45 4	24°48'52	15°44	17° 4	0♏47	3°12	28° 8	3°14	2°11	23°11	19°27	25°58	24°32	9° 6	19°53	T 17
W18	3 49 0	25°49'18	28° 5	18° 9	2° 2	2°50	28°13	3°10	2° 9	23°13	19°26	25°R59	24°29	9°13	19°52	W18
T 19	3 52 57	26°49'45	10♉42	19°11	3°16	2°28	28°18	3° 5	2° 8	23°15	19°25	25°58	24°25	9°19	19°51	T 19
F 20	3 56 54	27°50'13	23°36	20° 9	4°31	2° 6	28°23	3° 1	2° 6	23°17	19°24	25°55	24°22	9°26	19°51	F 20
S 21	4 0 50	28°50'43	6♊47	21° 3	5°46	1°44	28°29	2°57	2° 4	23°19	19°23	25°51	24°19	9°33	19°50	S 21
S 22	4 4 47	29°51'15	20°14	21°53	7° 1	1°21	28°34	2°53	2° 2	23°21	19°22	25°46	24°16	9°40	19°50	S 22
M23	4 8 43	0♐51'48	3♋55	22°38	8°16	0°59	28°40	2°49	1°59	23°23	19°21	25°40	24°13	9°46	19°49	M23
T 24	4 12 40	1°52'23	17°47	23°17	9°31	0°37	28°46	2°45	1°57	23°25	19°19	25°34	24° 9	9°53	19°49	T 24
W25	4 16 36	2°53'00	1♌47	23°50	10°46	0°15	28°52	2°42	1°55	23°26	19°18	25°29	24° 6	10° 0	19°48	W25
T 26	4 20 33	3°53'38	15°52	24°16	12° 1	29♉54	28°59	2°38	1°53	23°28	19°17	25°26	24° 3	10° 6	19°48	T 26
F 27	4 24 29	4°54'18	29°59	24°35	13°16	29°32	29° 5	2°34	1°51	23°30	19°16	25°D25	24° 0	10°13	19°48	F 27
S 28	4 28 26	5°54'59	14♍ 8	24°44	14°31	29°11	29°12	2°31	1°49	23°32	19°15	25°25	23°57	10°20	19°48	S 28
S 29	4 32 23	6°55'42	28°16	24°R45	15°46	28°50	29°19	2°27	1°46	23°34	19°14	25°26	23°54	10°26	19°48	S 29
M30	4 36 19	7♐56'27	12♎22	24♐35	17♏ 1	28♉30	29♒26	2♉24	1♋44	23♎35	19♉13	25♈28	23♈50	10♓33	19♓48	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	14s25	7n50	3n17	21s 0	1s48	2s49	1n38	21n30	0s10	13s32	1s11	10n25	2s44	23n37	0n13	7s19	1n36	2n38	15s35	10n 5	9n49	12s22	0n12	4n26
M 2	14 44	1 2	2 8	21 25	1 53	3 18	1 39	21 31	0 6	13 31	1 10	10 24	2 44	23 37	0 13	7 20	1 36	2 37	15 35	10 5	9 47	12 19	0 11	4 26
T 3	15 3	5s49	0 51	21 50	1 59	3 46	1 39	21 32	0 3	13 30	1 10	10 22	2 44	23 37	0 13	7 21	1 36	2 37	15 35	10 5	9 46	12 16	0 11	4 26
W 4	15 21	12 20	0s28	22 13	2 4	4 15	1 39	21 32	0 0	13 29	1 10	10 21	2 44	23 37	0 13	7 22	1 36	2 37	15 35	10 5	9 45	12 13	0 10	4 26
T 5	15 40	18 8	1 45	22 35	2 8	4 43	1 40	21 33	0n 3	13 28	1 10	10 19	2 44	23 37	0 13	7 22	1 36	2 37	15 35	10 5	9 44	12 10	0 9	4 25
F 6	15 58	22 50	2 53	22 56	2 13	5 11	1 40	21 33	0 6	13 27	1 10	10 18	2 44	23 37	0 13	7 23	1 36	2 36	15 35	10 4	9 43	12 7	0 8	4 25
S 7	16 16	26 10	3 51	23 16	2 17	5 39	1 40	21 33	0 9	13 26	1 10	10 16	2 44	23 37	0 13	7 24	1 36	2 36	15 35	10 4	9 42	12 4	0 7	4 25
S 8	16 33	27 56	4 34	23 35	2 21	6 7	1 40	21 33	0 12	13 25	1 9	10 15	2 44	23 37	0 13	7 25	1 36	2 36	15 35	10 2	9 40	12 1	0 7	4 25
M 9	16 50	28 7	5 1	23 53	2 25	6 35	1 40	21 33	0 16	13 24	1 9	10 13	2 44	23 37	0 13	7 25	1 36	2 35	15 35	10 1	9 39	11 58	0 6	4 24
T 10	17 7	26 50	5 14	24 9	2 28	7 3	1 40	21 33	0 19	13 22	1 9	10 12	2 43	23 37	0 13	7 26	1 36	2 35	15 35	10 0	9 38	11 55	0 5	4 24
W11	17 24	24 17	5 12	24 24	2 31	7 31	1 39	21 32	0 22	13 21	1 9	10 10	2 43	23 37	0 13	7 27	1 36	2 35	15 35	10 0	9 37	11 52	0 4	4 24
T 12	17 40	20 43	4 56	24 38	2 34	7 59	1 39	21 32	0 25	13 19	1 9	10 9	2 43	23 37	0 13	7 28	1 36	2 35	15 35	9 59	9 36	11 49	0 4	4 23
F 13	17 57	16 21	4 27	24 50	2 36	8 26	1 39	21 31	0 28	13 18	1 9	10 8	2 43	23 37	0 13	7 28	1 36	2 34	15 35	9 59	9 35	11 46	0 3	4 23
S 14	18 12	11 24	3 47	25 1	2 37	8 53	1 38	21 31	0 32	13 16	1 8	10 6	2 43	23 38	0 13	7 29	1 36	2 34	15 35	10 0	9 33	11 42	0 2	4 23
S 15	18 28	6 1	2 57	25 11	2 38	9 20	1 38	21 30	0 35	13 14	1 8	10 5	2 43	23 38	0 13	7 30	1 36	2 34	15 35	10 0	9 32	11 39	0 2	4 23
M16	18 43	0 24	2 0	25 19	2 39	9 47	1 37	21 29	0 38	13 13	1 8	10 3	2 43	23 38	0 13	7 30	1 36	2 34	15 35	10 1	9 31	11 36	0 1	4 22
T 17	18 58	5n20	0 56	25 26	2 39	10 14	1 37	21 28	0 41	13 11	1 8	10 2	2 43	23 38	0 13	7 31	1 36	2 33	15 35	10 2	9 30	11 33	0 1	4 22
W18	19 12	10 58	0n12	25 31	2 38	10 40	1 36	21 26	0 44	13 9	1 8	10 1	2 42	23 38	0 13	7 32	1 36	2 33	15 35	10 2	9 29	11 30	0 0	4 22
T 19	19 26	16 17	1 20	25 35	2 37	11 7	1 35	21 25	0 47	13 7	1 8	10 0	2 42	23 38	0 13	7 33	1 36	2 33	15 34	10 1	9 28	11 27	0s 0	4 21
F 20	19 40	21 0	2 25	25 38	2 34	11 32	1 34	21 24	0 51	13 5	1 8	9 58	2 42	23 38	0 13	7 33	1 36	2 33	15 34	10 0	9 26	11 24	0 1	4 21
S 21	19 53	24 47	3 24	25 39	2 31	11 58	1 33	21 22	0 54	13 3	1 7	9 57	2 42	23 38	0 13	7 34	1 36	2 33	15 34	9 59	9 25	11 21	0 1	4 21
S 22	20 6	27 17	4 13	25 38	2 27	12 24	1 32	21 21	0 57	13 1	1 7	9 56	2 42	23 38	0 13	7 35	1 36	2 32	15 34	9 57	9 24	11 18	0 2	4 20
M23	20 19	28 11	4 49	25 36	2 22	12 49	1 31	21 19	1 0	12 59	1 7	9 55	2 42	23 38	0 13	7 35	1 36	2 32	15 34	9 55	9 23	11 14	0 2	4 20
T 24	20 31	27 20	5 8	25 32	2 16	13 14	1 30	21 17	1 2	12 57	1 7	9 54	2 41	23 38	0 13	7 36	1 36	2 32	15 34	9 53	9 22	11 11	0 3	4 20
W25	20 43	24 46	5 9	25 26	2 9	13 38	1 29	21 15	1 5	12 54	1 7	9 52	2 41	23 38	0 13	7 36	1 36	2 32	15 34	9 51	9 21	11 8	0 3	4 20
T 26	20 55	20 42	4 51	25 19	2 1	14 2	1 28	21 14	1 8	12 52	1 7	9 51	2 41	23 38	0 13	7 37	1 36	2 32	15 34	9 50	9 19	11 5	0 4	4 19
F 27	21 6	15 28	4 16	25 10	1 51	14 26	1 26	21 12	1 11	12 49	1 7	9 50	2 41	23 38	0 13	7 38	1 36	2 32	15 34	9 49	9 18	11 2	0 4	4 19
S 28	21 17	9 24	3 25	24 59	1 40	14 50	1 25	21 10	1 14	12 47	1 6	9 49	2 41	23 38	0 13	7 38	1 36	2 31	15 34	9 49	9 17	10 59	0 4	4 19
S 29	21 27	2 52	2 22	24 47	1 27	15 13	1 24	21 8	1 16	12 44	1 6	9 48	2 40	23 38	0 13	7 39	1 36	2 31	15 34	9 50	9 16	10 56	0 5	4 18
M30	21s37	3s48	1n10	24s32	1s13	15s36	1n22	21n 6	1n19	12s42	1s 6	9n47	2s40	23n38	0n13	7s40	1n36	2n31	15s33	9n50	9n15	10s53	0s 5	4n18

Julian Day Number = 2494217.5, Delta T = 101.55 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'22, Lahiri = 25°29'22

ASTRODIENST EPHEMERIS for the year 2116
geocentric

DECEMBER 2116 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 16	8♐57'13	26♎24	24°R14	18♏16	28°R10	29♒33	2°R20	1°R42	23♎37	19°R12	25°R28	23♈47	10♓40	19°D48	T 1
W 2	4 44 12	9°58'01	10♏20	23♐43	19°31	27♉51	29°40	2♉17	1♋40	23°39	19♉11	25♈27	23°44	10°46	19♓48	W 2
T 3	4 48 9	10°58'50	24° 8	23° 1	20°46	27°32	29°48	2°14	1°37	23°40	19°10	25°24	23°41	10°53	19°48	T 3
F 4	4 52 5	11°59'41	7♐44	22° 7	22° 1	27°13	29°55	2°11	1°35	23°42	19° 9	25°18	23°38	11° 0	19°48	F 4
S 5	4 56 2	13° 0'32	21° 6	21° 5	23°16	26°56	0♓ 3	2° 7	1°32	23°44	19° 8	25°11	23°35	11° 6	19°48	S 5
S 6	4 59 58	14° 1'25	4♑12	19°53	24°31	26°39	0°11	2° 5	1°30	23°45	19° 7	25° 2	23°31	11°13	19°48	S 6
M 7	5 3 55	15° 2'19	17° 1	18°36	25°46	26°22	0°19	2° 2	1°28	23°47	19° 6	24°52	23°28	11°20	19°49	M 7
T 8	5 7 52	16° 3'14	29°33	17°14	27° 2	26° 6	0°27	1°59	1°25	23°48	19° 5	24°43	23°25	11°26	19°49	T 8
W 9	5 11 48	17° 4'09	11♒48	15°51	28°17	25°51	0°36	1°56	1°23	23°50	19° 4	24°36	23°22	11°33	19°50	W 9
T 10	5 15 45	18° 5'05	23°51	14°30	29°32	25°37	0°44	1°54	1°20	23°51	19° 3	24°30	23°19	11°40	19°50	T 10
F 11	5 19 41	19° 6'02	5♓45	13°12	0♐47	25°24	0°53	1°51	1°18	23°53	19° 2	24°27	23°15	11°46	19°51	F 11
S 12	5 23 38	20° 7'00	17°34	12° 2	2° 3	25°11	1° 2	1°49	1°15	23°54	19° 1	24°D26	23°12	11°53	19°51	S 12
S 13	5 27 34	21° 7'58	29°25	11° 0	3°18	24°59	1°11	1°46	1°13	23°56	19° 0	24°26	23° 9	12° 0	19°52	S 13
M14	5 31 31	22° 8'56	11♈21	10° 8	4°33	24°48	1°20	1°44	1°10	23°57	18°59	24°27	23° 6	12° 7	19°53	M14
T 15	5 35 27	23° 9'56	23°30	9°26	5°48	24°37	1°29	1°42	1° 8	23°58	18°58	24°R28	23° 3	12°13	19°54	T 15
W16	5 39 24	24°10'56	5♉54	8°56	7° 4	24°28	1°38	1°40	1° 5	24° 0	18°57	24°27	23° 0	12°20	19°54	W16
T 17	5 43 21	25°11'56	18°39	8°37	8°19	24°19	1°48	1°38	1° 3	24° 1	18°56	24°24	22°56	12°27	19°55	T 17
F 18	5 47 17	26°12'57	1♊46	8°D29	9°34	24°11	1°57	1°37	1° 0	24° 2	18°56	24°19	22°53	12°33	19°56	F 18
S 19	5 51 14	27°13'59	15°17	8°31	10°49	24° 4	2° 7	1°35	0°57	24° 4	18°55	24°11	22°50	12°40	19°57	S 19
S 20	5 55 10	28°15'01	29° 8	8°43	12° 5	23°58	2°17	1°33	0°55	24° 5	18°54	24° 1	22°47	12°47	19°58	S 20
M21	5 59 7	29°16'04	13♋18	9° 3	13°20	23°53	2°27	1°32	0°52	24° 6	18°53	23°50	22°44	12°53	20° 0	M21
T 22	6 3 3	0♑17'07	27°39	9°31	14°35	23°48	2°37	1°31	0°50	24° 7	18°52	23°39	22°41	13° 0	20° 1	T 22
W23	6 7 0	1°18'12	12♌ 6	10° 6	15°51	23°44	2°47	1°29	0°47	24° 8	18°51	23°30	22°37	13° 7	20° 2	W23
T 24	6 10 57	2°19'16	26°33	10°47	17° 6	23°41	2°57	1°28	0°45	24° 9	18°51	23°23	22°34	13°13	20° 3	T 24
F 25	6 14 53	3°20'22	10♍55	11°34	18°21	23°39	3° 8	1°27	0°42	24°10	18°50	23°18	22°31	13°20	20° 5	F 25
S 26	6 18 50	4°21'28	25° 8	12°26	19°37	23°38	3°19	1°26	0°39	24°11	18°49	23°16	22°28	13°27	20° 6	S 26
S 27	6 22 46	5°22'35	9♎11	13°23	20°52	23°D37	3°29	1°25	0°37	24°12	18°48	23°D16	22°25	13°33	20° 8	S 27
M28	6 26 43	6°23'43	23° 3	14°23	22° 8	23°38	3°40	1°25	0°34	24°13	18°48	23°R16	22°21	13°40	20° 9	M28
T 29	6 30 39	7°24'51	6♏44	15°26	23°23	23°39	3°51	1°24	0°32	24°14	18°47	23°16	22°18	13°47	20°11	T 29
W30	6 34 36	8°26'00	20°16	16°33	24°38	23°40	4° 2	1°24	0°29	24°15	18°46	23°13	22°15	13°53	20°12	W30
T 31	6 38 32	9♑27'09	3♐38	17♐42	25♐54	23♉43	4♓13	1♉23	0♋27	24♎16	18♉46	23♈ 7	22♈12	14♓ 0	20♓14	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	21s47	10s16	0s 5	24s16	0s58	15s58	1n21	21n 4	1n21	12s39	1s 6	9n46	2s40	23n38	0n13	7s40	1n36	2n31	15s33	9n51	9n14	10s49	0s 5	4n18
W 2	21 56	16 10	1 20	23 57	0 41	16 20	1 19	21 2	1 24	12 37	1 6	9 45	2 40	23 38	0 13	7 41	1 37	2 31	15 33	9 50	9 12	10 46	0 5	4 17
T 3	22 5	21 12	2 29	23 37	0 23	16 41	1 17	21 0	1 26	12 34	1 6	9 44	2 40	23 38	0 13	7 41	1 37	2 31	15 33	9 49	9 11	10 43	0 6	4 17
F 4	22 13	25 0	3 28	23 15	0 3	17 3	1 16	20 58	1 29	12 31	1 6	9 44	2 39	23 38	0 13	7 42	1 37	2 31	15 33	9 47	9 10	10 40	0 6	4 17
S 5	22 21	27 22	4 15	22 51	0n17	17 23	1 14	20 56	1 31	12 28	1 5	9 43	2 39	23 39	0 13	7 42	1 37	2 30	15 33	9 44	9 9	10 37	0 6	4 17
S 6	22 28	28 8	4 47	22 26	0 37	17 43	1 12	20 54	1 33	12 25	1 5	9 42	2 39	23 39	0 13	7 43	1 37	2 30	15 33	9 41	9 8	10 34	0 6	4 16
M 7	22 35	27 22	5 4	21 59	0 57	18 3	1 10	20 52	1 35	12 22	1 5	9 41	2 39	23 39	0 14	7 43	1 37	2 30	15 32	9 38	9 7	10 30	0 6	4 16
T 8	22 42	25 12	5 5	21 32	1 17	18 22	1 8	20 51	1 37	12 19	1 5	9 41	2 38	23 39	0 14	7 44	1 37	2 30	15 32	9 34	9 5	10 27	0 7	4 16
W 9	22 48	21 55	4 53	21 5	1 36	18 41	1 6	20 49	1 39	12 16	1 5	9 40	2 38	23 39	0 14	7 45	1 37	2 30	15 32	9 32	9 4	10 24	0 7	4 15
T 10	22 54	17 46	4 28	20 40	1 53	18 59	1 4	20 47	1 41	12 13	1 5	9 39	2 38	23 39	0 14	7 45	1 37	2 30	15 32	9 30	9 3	10 21	0 7	4 15
F 11	22 59	12 58	3 51	20 15	2 8	19 17	1 2	20 46	1 43	12 10	1 5	9 39	2 38	23 39	0 14	7 46	1 37	2 30	15 32	9 28	9 2	10 18	0 7	4 15
S 12	23 4	7 44	3 4	19 54	2 21	19 34	1 0	20 44	1 45	12 6	1 4	9 38	2 37	23 39	0 14	7 46	1 37	2 30	15 31	9 28	9 1	10 15	0 7	4 14
S 13	23 8	2 13	2 10	19 35	2 32	19 51	0 58	20 43	1 46	12 3	1 4	9 37	2 37	23 39	0 14	7 46	1 37	2 30	15 31	9 28	9 0	10 11	0 7	4 14
M14	23 12	3n25	1 10	19 19	2 40	20 7	0 56	20 42	1 48	12 0	1 4	9 37	2 37	23 39	0 14	7 47	1 37	2 30	15 31	9 28	8 58	10 8	0 7	4 14
T 15	23 15	9 2	0 5	19 7	2 46	20 23	0 54	20 41	1 50	11 56	1 4	9 36	2 37	23 39	0 14	7 47	1 37	2 30	15 31	9 29	8 57	10 5	0 7	4 14
W16	23 18	14 26	1n 1	18 58	2 50	20 37	0 52	20 40	1 51	11 53	1 4	9 36	2 36	23 39	0 14	7 48	1 37	2 30	15 31	9 28	8 56	10 2	0 7	4 13
T 17	23 20	19 22	2 5	18 54	2 52	20 52	0 50	20 39	1 52	11 49	1 4	9 36	2 36	23 39	0 14	7 48	1 37	2 30	15 30	9 27	8 55	9 59	0 7	4 13
F 18	23 22	23 32	3 5	18 52	2 52	21 6	0 47	20 39	1 54	11 46	1 4	9 35	2 36	23 39	0 14	7 49	1 37	2 30	15 30	9 25	8 54	9 56	0 7	4 13
S 19	23 24	26 32	3 56	18 54	2 51	21 19	0 45	20 38	1 55	11 42	1 4	9 35	2 36	23 39	0 14	7 49	1 37	2 30	15 30	9 22	8 53	9 52	0 6	4 12
S 20	23 25	28 0	4 35	18 58	2 49	21 31	0 43	20 38	1 56	11 39	1 3	9 35	2 35	23 39	0 14	7 49	1 37	2 30	15 30	9 19	8 51	9 49	0 6	4 12
M21	23 25	27 42	4 57	19 5	2 45	21 43	0 40	20 38	1 58	11 35	1 3	9 34	2 35	23 39	0 14	7 50	1 37	2 30	15 30	9 15	8 50	9 46	0 6	4 12
T 22	23 26	25 33	5 2	19 14	2 40	21 54	0 38	20 38	1 59	11 31	1 3	9 34	2 35	23 39	0 14	7 50	1 38	2 30	15 29	9 11	8 49	9 43	0 6	4 11
W23	23 25	21 44	4 47	19 24	2 35	22 5	0 36	20 38	2 0	11 27	1 3	9 34	2 35	23 39	0 14	7 51	1 38	2 30	15 29	9 7	8 48	9 40	0 6	4 11
T 24	23 24	16 38	4 14	19 36	2 28	22 15	0 33	20 38	2 1	11 24	1 3	9 34	2 34	23 39	0 14	7 51	1 38	2 30	15 29	9 5	8 47	9 36	0 5	4 11
F 25	23 23	10 37	3 25	19 49	2 22	22 24	0 31	20 38	2 2	11 20	1 3	9 34	2 34	23 39	0 14	7 51	1 38	2 30	15 29	9 3	8 45	9 33	0 5	4 11
S 26	23 21	4 8	2 23	20 3	2 14	22 33	0 28	20 39	2 3	11 16	1 3	9 34	2 34	23 39	0 14	7 52	1 38	2 30	15 28	9 2	8 44	9 30	0 5	4 10
S 27	23 19	2s30	1 14	20 18	2 7	22 41	0 26	20 40	2 4	11 12	1 3	9 34	2 33	23 39	0 14	7 52	1 38	2 30	15 28	9 2	8 43	9 27	0 5	4 10
M28	23 16	8 56	0 1	20 33	1 59	22 48	0 24	20 41	2 4	11 8	1 3	9 34	2 33	23 39	0 14	7 52	1 38	2 30	15 28	9 2	8 42	9 24	0 4	4 10
T 29	23 13	14 52	1s11	20 48	1 51	22 55	0 21	20 41	2 5	11 4	1 3	9 34	2 33	23 39	0 14	7 53	1 38	2 30	15 28	9 2	8 41	9 20	0 4	4 9
W30	23 9	20 1	2 18	21 3	1 42	23 0	0 19	20 43	2 6	11 0	1 2	9 34	2 33	23 39	0 14	7 53	1 38	2 30	15 27	9 1	8 40	9 17	0 4	4 9
T 31	23s 5	24s 5	3s16	21s18	1n34	23s 6	0n16	20n44	2n 6	10s56	1s 2	9n34	2s32	23n39	0n14	7s53	1n38	2n30	15s27	8n59	8n38	9s14	0s 3	4n 9

Julian Day Number = 2494247.5, Delta T = 101.60 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°22'26, Lahiri = 25°29'26