Astrodienst Ephemeris Tables

for the year 1746

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 1746
geocentric

JANUARY 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 55	10♑33'02	22♈30	29♑51	18♐14	14♒21	4♐34	13♎57	3♒53	17°R34	23♏25	27°R10	27♓40	8♈10	24°R29	S 1
S 2	6 45 51	11°34'12	4♉26	0♒51	19°29	15° 8	4°46	14° 0	3°56	17♋32	23°27	27♓ 8	27°36	8°17	24♌27	S 2
M 3	6 49 48	12°35'22	16°34	1°44	20°44	15°55	4°57	14° 2	4° 0	17°31	23°29	27° 3	27°33	8°24	24°24	M 3
T 4	6 53 45	13°36'31	28°59	2°30	21°59	16°42	5° 9	14° 4	4° 3	17°29	23°30	26°56	27°30	8°30	24°21	T 4
W 5	6 57 41	14°37'39	11♊44	3° 8	23°14	17°30	5°21	14° 6	4° 6	17°27	23°32	26°46	27°27	8°37	24°18	W 5
T 6	7 1 38	15°38'48	24°49	3°37	24°29	18°17	5°33	14° 8	4°10	17°26	23°34	26°34	27°24	8°44	24°15	T 6
F 7	7 5 34	16°39'56	8♋14	3°56	25°45	19° 4	5°45	14°10	4°13	17°24	23°35	26°22	27°20	8°50	24°12	F 7
S 8	7 9 31	17°41'04	21°57	4°R 4	27° 0	19°51	5°56	14°11	4°16	17°22	23°37	26°10	27°17	8°57	24° 9	S 8
S 9	7 13 27	18°42'11	5♌55	4° 1	28°15	20°38	6° 8	14°13	4°20	17°20	23°39	26° 0	27°14	9° 4	24° 6	S 9
M10	7 17 24	19°43'18	20° 3	3°47	29°30	21°26	6°19	14°14	4°23	17°19	23°40	25°53	27°11	9°10	24° 3	M10
T 11	7 21 21	20°44'24	4♍16	3°20	0♑45	22°13	6°30	14°16	4°27	17°17	23°42	25°48	27° 8	9°17	23°59	T 11
W12	7 25 17	21°45'31	18°30	2°42	2° 0	23° 0	6°42	14°17	4°30	17°15	23°43	25°46	27° 5	9°24	23°56	W12
T 13	7 29 14	22°46'37	2♎43	1°54	3°15	23°47	6°53	14°18	4°34	17°14	23°45	25°D46	27° 1	9°30	23°52	T 13
F 14	7 33 10	23°47'43	16°51	0°55	4°30	24°34	7° 4	14°19	4°37	17°12	23°46	25°47	26°58	9°37	23°49	F 14
S 15	7 37 7	24°48'48	0♏55	29♑49	5°45	25°22	7°15	14°20	4°40	17°10	23°48	25°R47	26°55	9°44	23°45	S 15
S 16	7 41 3	25°49'54	14°53	28°37	7° 0	26° 9	7°26	14°21	4°44	17° 9	23°49	25°45	26°52	9°50	23°41	S 16
M17	7 45 0	26°50'59	28°46	27°20	8°15	26°56	7°37	14°22	4°47	17° 7	23°50	25°41	26°49	9°57	23°38	M17
T 18	7 48 56	27°52'03	12♐30	26° 3	9°31	27°43	7°48	14°22	4°51	17° 5	23°52	25°34	26°46	10° 3	23°34	T 18
W19	7 52 53	28°53'08	26° 5	24°46	10°46	28°30	7°59	14°23	4°54	17° 4	23°53	25°26	26°42	10°10	23°30	W19
T 20	7 56 50	29°54'11	9♑29	23°33	12° 1	29°17	8° 9	14°23	4°58	17° 2	23°54	25°16	26°39	10°17	23°26	T 20
F 21	8 0 46	0♒55'14	22°40	22°25	13°16	0♓ 5	8°20	14°23	5° 1	17° 0	23°56	25° 5	26°36	10°23	23°22	F 21
S 22	8 4 43	1°56'16	5♒36	21°23	14°31	0°52	8°30	14°24	5° 5	16°59	23°57	24°56	26°33	10°30	23°18	S 22
S 23	8 8 39	2°57'18	18°16	20°29	15°46	1°39	8°40	14°R24	5° 8	16°57	23°58	24°48	26°30	10°37	23°13	S 23
M24	8 12 36	3°58'18	0♓41	19°43	17° 1	2°26	8°51	14°24	5°12	16°55	23°59	24°43	26°26	10°43	23° 9	M24
T 25	8 16 32	4°59'17	12°52	19° 6	18°16	3°13	9° 1	14°24	5°15	16°54	24° 0	24°40	26°23	10°50	23° 5	T 25
W26	8 20 29	6° 0'15	24°51	18°38	19°32	4° 0	9°11	14°23	5°19	16°52	24° 1	24°D39	26°20	10°57	23° 0	W26
T 27	8 24 25	7° 1'11	6♈42	18°18	20°47	4°47	9°21	14°23	5°22	16°51	24° 2	24°40	26°17	11° 3	22°56	T 27
F 28	8 28 22	8° 2'07	18°29	18° 8	22° 2	5°34	9°31	14°23	5°26	16°49	24° 3	24°41	26°14	11°10	22°52	F 28
S 29	8 32 19	9° 3'01	0♉18	18°D 5	23°17	6°21	9°40	14°22	5°30	16°48	24° 4	24°42	26°11	11°17	22°47	S 29
S 30	8 36 15	10° 3'54	12°13	18° 9	24°32	7° 8	9°50	14°21	5°33	16°46	24° 5	24°R43	26° 7	11°23	22°43	S 30
M31	8 40 12	11♒ 4'45	24♉21	18♑21	25♑47	7♓55	9♐59	14♎20	5♒37	16♋44	24♏ 6	24♓41	26♓ 4	11♈30	22♌38	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	23s 3	10n47	2n10	21s14	1s 3	22s13	0n44	17s39	1s 9	20s22	0n44	3s17	2n26	19s53	0s35	21n38	0s41	5s13	13n52	1s 8	0s56	4n 7	6n42	7s 4
S 2	22 58	15 54	3 4	20 50	0 51	22 22	0 42	17 25	1 9	20 24	0 44	3 17	2 26	19 52	0 35	21 39	0 41	5 13	13 52	1 9	0 57	4 10	6 43	7 4
M 3	22 53	20 30	3 51	20 26	0 38	22 30	0 39	17 10	1 8	20 26	0 44	3 18	2 26	19 51	0 35	21 39	0 41	5 13	13 52	1 10	0 58	4 14	6 43	7 5
T 4	22 47	24 18	4 27	20 2	0 24	22 37	0 37	16 56	1 8	20 28	0 44	3 18	2 26	19 50	0 35	21 39	0 41	5 13	13 53	1 13	1 0	4 17	6 44	7 5
W 5	22 40	27 2	4 52	19 38	0 9	22 44	0 34	16 41	1 7	20 30	0 44	3 19	2 27	19 50	0 35	21 39	0 41	5 13	13 53	1 17	1 1	4 20	6 44	7 6
T 6	22 33	28 24	5 2	19 16	0n 7	22 50	0 31	16 26	1 7	20 32	0 44	3 19	2 27	19 49	0 35	21 40	0 41	5 13	13 53	1 22	1 2	4 24	6 45	7 6
F 7	22 26	28 8	4 55	18 55	0 24	22 56	0 29	16 11	1 7	20 34	0 44	3 20	2 27	19 48	0 35	21 40	0 41	5 13	13 54	1 27	1 4	4 27	6 45	7 7
S 8	22 18	26 10	4 32	18 36	0 41	23 0	0 26	15 56	1 6	20 36	0 44	3 20	2 28	19 47	0 35	21 40	0 41	5 13	13 54	1 32	1 5	4 31	6 46	7 7
S 9	22 10	22 34	3 52	18 19	1 0	23 4	0 24	15 40	1 6	20 38	0 44	3 20	2 28	19 46	0 35	21 40	0 41	5 13	13 54	1 36	1 6	4 34	6 47	7 7
M10	22 1	17 38	2 58	18 4	1 18	23 7	0 21	15 25	1 5	20 40	0 44	3 21	2 28	19 46	0 35	21 40	0 41	5 13	13 54	1 38	1 7	4 37	6 47	7 8
T 11	21 52	11 42	1 52	17 52	1 37	23 10	0 18	15 9	1 5	20 42	0 44	3 21	2 28	19 45	0 35	21 41	0 41	5 13	13 55	1 40	1 9	4 41	6 48	7 8
W12	21 43	5 9	0 39	17 42	1 56	23 12	0 16	14 53	1 4	20 44	0 44	3 21	2 29	19 44	0 35	21 41	0 41	5 13	13 55	1 41	1 10	4 44	6 49	7 9
T 13	21 33	1s39	0s37	17 36	2 14	23 13	0 13	14 37	1 4	20 46	0 44	3 21	2 29	19 43	0 35	21 41	0 41	5 13	13 55	1 41	1 11	4 48	6 50	7 9
F 14	21 23	8 20	1 50	17 32	2 31	23 13	0 11	14 21	1 3	20 48	0 44	3 22	2 29	19 42	0 35	21 41	0 41	5 13	13 56	1 41	1 12	4 51	6 51	7 9
S 15	21 12	14 34	2 56	17 31	2 46	23 13	0 8	14 4	1 3	20 50	0 44	3 22	2 30	19 41	0 35	21 42	0 41	5 13	13 56	1 41	1 14	4 55	6 51	7 10
S 16	21 1	20 0	3 51	17 32	3 0	23 12	0 5	13 48	1 3	20 52	0 44	3 22	2 30	19 41	0 35	21 42	0 41	5 13	13 56	1 41	1 15	4 58	6 52	7 10
M17	20 49	24 20	4 32	17 36	3 11	23 10	0 3	13 31	1 2	20 53	0 44	3 22	2 30	19 40	0 35	21 42	0 41	5 13	13 57	1 43	1 16	5 1	6 53	7 10
T 18	20 37	27 14	4 57	17 41	3 20	23 8	0 0	13 15	1 2	20 55	0 44	3 22	2 30	19 39	0 35	21 42	0 41	5 13	13 57	1 46	1 17	5 5	6 54	7 10
W19	20 25	28 30	5 5	17 48	3 27	23 5	0s 2	12 58	1 1	20 57	0 44	3 22	2 31	19 38	0 35	21 43	0 41	5 13	13 58	1 49	1 19	5 8	6 55	7 11
T 20	20 12	28 3	4 56	17 57	3 31	23 1	0 5	12 41	1 1	20 58	0 44	3 22	2 31	19 37	0 35	21 43	0 41	5 13	13 58	1 53	1 20	5 12	6 56	7 11
F 21	19 59	26 1	4 31	18 6	3 33	22 56	0 7	12 24	1 0	21 0	0 44	3 21	2 31	19 36	0 35	21 43	0 41	5 13	13 58	1 57	1 21	5 15	6 57	7 11
S 22	19 45	22 39	3 52	18 17	3 32	22 51	0 10	12 7	1 0	21 2	0 44	3 21	2 32	19 35	0 35	21 43	0 41	5 13	13 59	2 1	1 22	5 18	6 59	7 11
S 23	19 32	18 16	3 3	18 28	3 29	22 45	0 12	11 49	0 59	21 3	0 44	3 21	2 32	19 35	0 35	21 43	0 41	5 13	13 59	2 4	1 24	5 22	7 0	7 11
M24	19 17	13 12	2 5	18 39	3 25	22 38	0 15	11 32	0 58	21 5	0 44	3 21	2 32	19 34	0 35	21 44	0 41	5 13	13 59	2 6	1 25	5 25	7 1	7 12
T 25	19 3	7 43	1 3	18 50	3 19	22 31	0 17	11 14	0 58	21 6	0 44	3 20	2 32	19 33	0 35	21 44	0 41	5 13	14 0	2 7	1 26	5 29	7 2	7 12
W26	18 48	2 2	0n 1	19 1	3 11	22 23	0 20	10 57	0 57	21 8	0 44	3 20	2 33	19 32	0 35	21 44	0 41	5 13	14 0	2 8	1 28	5 32	7 3	7 12
T 27	18 33	3n39	1 5	19 12	3 3	22 14	0 22	10 39	0 57	21 9	0 44	3 20	2 33	19 31	0 35	21 44	0 41	5 13	14 1	2 8	1 29	5 35	7 5	7 12
F 28	18 17	9 11	2 5	19 23	2 53	22 5	0 25	10 21	0 56	21 11	0 44	3 19	2 33	19 30	0 35	21 45	0 41	5 12	14 1	2 7	1 30	5 39	7 6	7 12
S 29	18 1	14 25	3 1	19 34	2 43	21 55	0 27	10 3	0 56	21 12	0 44	3 19	2 34	19 30	0 35	21 45	0 41	5 12	14 1	2 6	1 31	5 42	7 7	7 12
S 30	17 45	19 9	3 49	19 43	2 32	21 44	0 29	9 45	0 55	21 14	0 44	3 18	2 34	19 29	0 35	21 45	0 41	5 12	14 2	2 6	1 33	5 46	7 9	7 12
M31	17s28	23n13	4n28	19s53	2n21	21s32	0s32	9s27	0s55	21s15	0n44	3s18	2n34	19s28	0s35	21n45	0s41	5s12	14n 2	2s 7	1s34	5n49	7n10	7s12

Julian Day Number = 2358773.5, Delta T = 14.86 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'39, Lahiri = 20°18'40Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

FEBRUARY 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 8	12♒ 5'35	6♊45	18♉40	27♉ 2	8♓42	10♐ 9	14°R20	5♒40	16°R43	24♏ 7	24°R39	26♓ 1	11♈37	22°R34	T 1
W 2	8 48 5	13° 6'24	19°30	19° 4	28°17	9°29	10°18	14♎19	5°43	16♋41	24° 8	24♓34	25°58	11°43	22♌29	W 2
T 3	8 52 1	14° 7'11	2♋39	19°34	29°32	10°16	10°27	14°18	5°47	16°40	24° 9	24°28	25°55	11°50	22°24	T 3
F 4	8 55 58	15° 7'57	16°13	20° 9	0♒47	11° 3	10°36	14°16	5°50	16°39	24°10	24°21	25°52	11°57	22°20	F 4
S 5	8 59 54	16° 8'42	0♌11	20°49	2° 2	11°50	10°45	14°15	5°54	16°37	24°10	24°14	25°48	12° 3	22°15	S 5
S 6	9 3 51	17° 9'24	14°29	21°33	3°17	12°37	10°54	14°14	5°57	16°36	24°11	24° 9	25°45	12°10	22°10	S 6
M 7	9 7 48	18°10'06	29° 1	22°21	4°32	13°24	11° 3	14°12	6° 1	16°34	24°12	24° 5	25°42	12°16	22° 6	M 7
T 8	9 11 44	19°10'46	13♍42	23°12	5°48	14°11	11°11	14°11	6° 4	16°33	24°12	24° 3	25°39	12°23	22° 1	T 8
W 9	9 15 41	20°11'25	28°23	24° 7	7° 3	14°57	11°20	14° 9	6° 8	16°32	24°13	24°D 3	25°36	12°30	21°56	W 9
T 10	9 19 37	21°12'03	13♎ 0	25° 5	8°18	15°44	11°28	14° 7	6°11	16°30	24°14	24° 4	25°32	12°36	21°51	T 10
F 11	9 23 34	22°12'39	27°27	26° 6	9°33	16°31	11°36	14° 5	6°15	16°29	24°14	24° 5	25°29	12°43	21°47	F 11
S 12	9 27 30	23°13'14	11♏41	27° 9	10°48	17°17	11°44	14° 3	6°18	16°28	24°15	24° 6	25°26	12°50	21°42	S 12
S 13	9 31 27	24°13'48	25°41	28°14	12° 3	18° 4	11°52	14° 1	6°21	16°26	24°15	24°R 7	25°23	12°56	21°37	S 13
M14	9 35 23	25°14'21	9♐25	29°22	13°18	18°51	12° 0	13°59	6°25	16°25	24°15	24° 6	25°20	13° 3	21°32	M14
T 15	9 39 20	26°14'53	22°54	0♒32	14°33	19°37	12° 8	13°57	6°28	16°24	24°16	24° 4	25°17	13°10	21°28	T 15
W16	9 43 17	27°15'24	6♑ 8	1°44	15°48	20°24	12°15	13°54	6°31	16°23	24°16	24° 0	25°13	13°16	21°23	W16
T 17	9 47 13	28°15'53	19° 9	2°57	17° 3	21°11	12°23	13°52	6°35	16°21	24°17	23°56	25°10	13°23	21°18	T 17
F 18	9 51 10	29°16'21	1♒56	4°12	18°18	21°57	12°30	13°49	6°38	16°20	24°17	23°52	25° 7	13°30	21°14	F 18
S 19	9 55 6	0♓16'47	14°31	5°29	19°33	22°44	12°37	13°46	6°41	16°19	24°17	23°48	25° 4	13°36	21° 9	S 19
S 20	9 59 3	1°17'11	26°54	6°48	20°48	23°30	12°44	13°44	6°45	16°18	24°17	23°45	25° 1	13°43	21° 4	S 20
M21	10 2 59	2°17'34	9♓ 5	8° 7	22° 3	24°17	12°51	13°41	6°48	16°17	24°17	23°43	24°58	13°50	21° 0	M21
T 22	10 6 56	3°17'55	21° 7	9°29	23°18	25° 3	12°57	13°38	6°51	16°16	24°18	23°D42	24°54	13°56	20°55	T 22
W23	10 10 52	4°18'14	3♈ 1	10°51	24°32	25°49	13° 4	13°35	6°54	16°15	24°18	23°43	24°51	14° 3	20°51	W23
T 24	10 14 49	5°18'31	14°51	12°15	25°47	26°36	13°10	13°32	6°58	16°14	24°18	23°44	24°48	14°10	20°46	T 24
F 25	10 18 46	6°18'46	26°38	13°40	27° 2	27°22	13°17	13°29	7° 1	16°13	24°R18	23°45	24°45	14°16	20°42	F 25
S 26	10 22 42	7°18'59	8♉27	15° 7	28°17	28° 8	13°23	13°26	7° 4	16°12	24°18	23°47	24°42	14°23	20°37	S 26
S 27	10 26 39	8°19'11	20°22	16°35	29°32	28°55	13°29	13°22	7° 7	16°11	24°18	23°48	24°38	14°30	20°33	S 27
M28	10 30 35	9♓19'20	2♊28	18♒ 3	0♓47	29♓41	13♐34	13♎19	7♒10	16♋10	24♏18	23♓49	24♓35	14♈36	20♌28	M28

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	17s12	26n19	4n55	20s 1	2n10	21s20	0s34	9s 9	0s54	21s16	0n44	3s17	2n34	19s27	0s35	21n45	0s41	5s12	14n 3	2s 8	1s35	5n52	7n11	7s13
W 2	16 54	28 11	5 9	20 9	1 59	21 8	0 36	8 51	0 54	21 18	0 44	3 16	2 35	19 26	0 35	21 46	0 41	5 11	14 3	2 10	1 36	5 56	7 13	7 13
T 3	16 37	28 34	5 7	20 16	1 47	20 54	0 39	8 33	0 53	21 19	0 44	3 16	2 35	19 25	0 35	21 46	0 41	5 11	14 3	2 12	1 38	5 59	7 14	7 13
F 4	16 19	27 15	4 48	20 23	1 36	20 40	0 41	8 14	0 52	21 20	0 44	3 15	2 35	19 24	0 35	21 46	0 41	5 11	14 4	2 15	1 39	6 3	7 16	7 13
S 5	16 1	24 14	4 12	20 28	1 25	20 26	0 43	7 56	0 52	21 21	0 44	3 14	2 35	19 24	0 35	21 46	0 41	5 11	14 4	2 17	1 40	6 6	7 17	7 13
S 6	15 43	19 41	3 19	20 32	1 13	20 11	0 45	7 38	0 51	21 23	0 45	3 14	2 36	19 23	0 35	21 46	0 41	5 11	14 5	2 20	1 41	6 9	7 19	7 13
M 7	15 24	13 54	2 12	20 36	1 2	19 55	0 47	7 19	0 51	21 24	0 45	3 13	2 36	19 22	0 35	21 47	0 40	5 10	14 5	2 21	1 43	6 13	7 20	7 12
T 8	15 6	7 17	0 56	20 38	0 51	19 39	0 49	7 0	0 50	21 25	0 45	3 12	2 36	19 21	0 35	21 47	0 40	5 10	14 5	2 22	1 44	6 16	7 22	7 12
W 9	14 47	0 17	0s24	20 39	0 41	19 22	0 51	6 42	0 50	21 26	0 45	3 11	2 37	19 20	0 35	21 47	0 40	5 10	14 6	2 22	1 45	6 20	7 23	7 12
T 10	14 27	6s42	1 42	20 39	0 30	19 4	0 53	6 23	0 49	21 27	0 45	3 10	2 37	19 19	0 35	21 47	0 40	5 10	14 6	2 22	1 46	6 23	7 25	7 12
F 11	14 8	13 16	2 53	20 38	0 20	18 46	0 55	6 4	0 48	21 28	0 45	3 9	2 37	19 18	0 35	21 47	0 40	5 9	14 7	2 21	1 48	6 26	7 27	7 12
S 12	13 48	19 2	3 52	20 36	0 10	18 28	0 57	5 46	0 48	21 29	0 45	3 8	2 37	19 18	0 35	21 47	0 40	5 9	14 7	2 21	1 49	6 30	7 28	7 12
S 13	13 28	23 40	4 36	20 32	0 1	18 9	0 58	5 27	0 47	21 30	0 45	3 7	2 38	19 17	0 35	21 48	0 40	5 9	14 7	2 20	1 50	6 33	7 30	7 12
M14	13 8	26 53	5 3	20 27	0s 9	17 49	1 0	5 8	0 47	21 31	0 45	3 6	2 38	19 16	0 35	21 48	0 40	5 8	14 8	2 21	1 52	6 36	7 31	7 12
T 15	12 47	28 30	5 13	20 21	0 18	17 29	1 2	4 49	0 46	21 32	0 45	3 5	2 38	19 15	0 35	21 48	0 40	5 8	14 8	2 22	1 53	6 40	7 33	7 11
W16	12 27	28 26	5 7	20 14	0 27	17 8	1 4	4 30	0 45	21 33	0 45	3 4	2 38	19 14	0 35	21 48	0 40	5 8	14 9	2 23	1 54	6 43	7 35	7 11
T 17	12 6	26 47	4 44	20 6	0 35	16 47	1 5	4 11	0 45	21 34	0 45	3 2	2 39	19 14	0 35	21 48	0 40	5 7	14 9	2 25	1 55	6 47	7 36	7 11
F 18	11 45	23 46	4 7	19 56	0 43	16 26	1 7	3 52	0 44	21 35	0 45	3 1	2 39	19 13	0 35	21 49	0 40	5 7	14 10	2 26	1 57	6 50	7 38	7 11
S 19	11 23	19 41	3 19	19 45	0 51	16 4	1 8	3 33	0 44	21 36	0 45	3 0	2 39	19 12	0 35	21 49	0 40	5 7	14 10	2 28	1 58	6 53	7 40	7 11
S 20	11 2	14 48	2 22	19 33	0 59	15 41	1 10	3 14	0 43	21 37	0 45	2 59	2 39	19 11	0 35	21 49	0 40	5 6	14 10	2 29	1 59	6 57	7 41	7 10
M21	10 40	9 24	1 20	19 19	1 6	15 18	1 11	2 55	0 42	21 38	0 45	2 57	2 39	19 10	0 35	21 49	0 40	5 6	14 11	2 30	2 0	7 0	7 43	7 10
T 22	10 19	3 45	0 14	19 4	1 13	14 55	1 12	2 36	0 42	21 38	0 45	2 56	2 40	19 9	0 35	21 49	0 40	5 6	14 11	2 30	2 2	7 3	7 45	7 10
W23	9 57	1n59	0n51	18 48	1 19	14 31	1 14	2 17	0 41	21 39	0 45	2 55	2 40	19 9	0 35	21 49	0 40	5 5	14 12	2 30	2 3	7 7	7 47	7 9
T 24	9 35	7 37	1 54	18 31	1 25	14 7	1 15	1 58	0 40	21 40	0 45	2 53	2 40	19 8	0 35	21 49	0 40	5 5	14 12	2 30	2 4	7 10	7 48	7 9
F 25	9 13	12 58	2 52	18 12	1 31	13 42	1 16	1 39	0 40	21 41	0 45	2 52	2 40	19 7	0 35	21 50	0 40	5 4	14 13	2 29	2 5	7 13	7 50	7 9
S 26	8 50	17 51	3 43	17 52	1 37	13 18	1 17	1 20	0 39	21 41	0 45	2 51	2 40	19 6	0 35	21 50	0 40	5 4	14 13	2 28	2 7	7 17	7 52	7 8
S 27	8 28	22 7	4 25	17 31	1 42	12 52	1 18	1 1	0 39	21 42	0 45	2 49	2 41	19 6	0 35	21 50	0 40	5 4	14 13	2 28	2 8	7 20	7 54	7 8
M28	8s 5	25n30	4n55	17s 8	1s47	12s27	1s19	0s42	0s38	21s43	0n45	2s48	2n41	19s 5	0s35	21n50	0s40	5s 3	14n14	2s28	2s 9	7n23	7n55	7s 7

Julian Day Number = 2358804.5, Delta T = 14.88 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'44, Lahiri = 20°18'44Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

MARCH 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 32	10♓19'27	14♊49	19♒33	2♓ 2	0♈27	13♐40	13°R15	7♒13	16°R 9	24°R18	23°R49	24♓32	14♈43	20°R24	T 1
W 2	10 38 28	11°19'32	27°30	21° 4	3°17	1°13	13°45	13♎12	7°16	16♋ 8	24♏17	23♓48	24°29	14°49	20♌20	W 2
T 3	10 42 25	12°19'35	10♋34	22°37	4°32	1°59	13°51	13° 8	7°19	16° 8	24°17	23°47	24°26	14°56	20°16	T 3
F 4	10 46 21	13°19'36	24° 5	24°10	5°46	2°45	13°56	13° 5	7°22	16° 7	24°17	23°46	24°23	15° 3	20°11	F 4
S 5	10 50 18	14°19'35	8♌ 3	25°45	7° 1	3°31	14° 1	13° 1	7°25	16° 6	24°17	23°45	24°19	15° 9	20° 7	S 5
S 6	10 54 15	15°19'31	22°26	27°21	8°16	4°17	14° 5	12°57	7°28	16° 5	24°17	23°44	24°16	15°16	20° 3	S 6
M 7	10 58 11	16°19'26	7♍10	28°57	9°31	5° 3	14°10	12°53	7°31	16° 5	24°16	23°43	24°13	15°23	19°59	M 7
T 8	11 2 8	17°19'18	22° 8	0♓35	10°46	5°49	14°15	12°49	7°34	16° 4	24°16	23°D43	24°10	15°29	19°55	T 8
W 9	11 6 4	18°19'09	7♎13	2°15	12° 0	6°35	14°19	12°45	7°37	16° 3	24°16	23°43	24° 7	15°36	19°51	W 9
T 10	11 10 1	19°18'57	22°14	3°55	13°15	7°20	14°23	12°41	7°40	16° 3	24°15	23°43	24° 3	15°43	19°48	T 10
F 11	11 13 57	20°18'44	7♏ 5	5°36	14°30	8° 6	14°27	12°37	7°43	16° 2	24°15	23°44	24° 0	15°49	19°44	F 11
S 12	11 17 54	21°18'29	21°39	7°19	15°45	8°52	14°31	12°33	7°45	16° 2	24°14	23°44	23°57	15°56	19°40	S 12
S 13	11 21 50	22°18'13	5♐51	9° 3	16°59	9°38	14°34	12°29	7°48	16° 1	24°14	23°44	23°54	16° 3	19°37	S 13
M14	11 25 47	23°17'54	19°40	10°48	18°14	10°23	14°38	12°25	7°51	16° 1	24°13	23°44	23°51	16° 9	19°33	M14
T 15	11 29 44	24°17'34	3♑ 7	12°35	19°29	11° 9	14°41	12°20	7°54	16° 0	24°13	23°44	23°48	16°16	19°30	T 15
W16	11 33 40	25°17'13	16°12	14°22	20°43	11°54	14°44	12°16	7°56	16° 0	24°12	23°44	23°44	16°23	19°26	W16
T 17	11 37 37	26°16'49	28°59	16°11	21°58	12°40	14°47	12°12	7°59	16° 0	24°11	23°44	23°41	16°29	19°23	T 17
F 18	11 41 33	27°16'24	11♒30	18° 1	23°13	13°25	14°50	12° 7	8° 1	15°59	24°11	23°45	23°38	16°36	19°20	F 18
S 19	11 45 30	28°15'57	23°48	19°52	24°27	14°11	14°52	12° 3	8° 4	15°59	24°10	23°45	23°35	16°43	19°17	S 19
S 20	11 49 26	29°15'28	5♓55	21°45	25°42	14°56	14°54	11°58	8° 7	15°59	24° 9	23°46	23°32	16°49	19°14	S 20
M21	11 53 23	0♈14'57	17°54	23°39	26°57	15°41	14°57	11°54	8° 9	15°58	24° 8	23°R46	23°29	16°56	19°11	M21
T 22	11 57 19	1°14'24	29°48	25°34	28°11	16°27	14°59	11°49	8°11	15°58	24° 8	23°46	23°25	17° 3	19° 8	T 22
W23	12 1 16	2°13'49	11♈37	27°31	29°26	17°12	15° 0	11°45	8°14	15°58	24° 7	23°45	23°22	17° 9	19° 5	W23
T 24	12 5 13	3°13'12	23°25	29°28	0♈40	17°57	15° 2	11°40	8°16	15°58	24° 6	23°44	23°19	17°16	19° 3	T 24
F 25	12 9 9	4°12'32	5♉14	1♈27	1°55	18°42	15° 3	11°36	8°19	15°58	24° 5	23°43	23°16	17°23	19° 0	F 25
S 26	12 13 6	5°11'51	17° 6	3°27	3° 9	19°27	15° 5	11°31	8°21	15°58	24° 4	23°41	23°13	17°29	18°58	S 26
S 27	12 17 2	6°11'07	29° 3	5°28	4°24	20°12	15° 6	11°26	8°23	15°D58	24° 3	23°40	23° 9	17°36	18°55	S 27
M28	12 20 59	7°10'21	11♊11	7°30	5°38	20°57	15° 6	11°22	8°25	15°58	24° 2	23°38	23° 6	17°43	18°53	M28
T 29	12 24 55	8° 9'33	23°31	9°32	6°53	21°42	15° 7	11°17	8°27	15°58	24° 1	23°37	23° 3	17°49	18°51	T 29
W30	12 28 52	9° 8'43	6♋ 8	11°36	8° 7	22°27	15° 8	11°13	8°30	15°58	24° 0	23°D36	23° 0	17°56	18°49	W30
T 31	12 32 48	10♈ 7'50	19♋ 6	13♈40	9♈22	23♈12	15♐ 8	11♎ 8	8♒32	15♋58	23♏59	23♓37	22♓57	18♈ 3	18♌47	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	7s42	27n48	5n13	16s44	1s51	12s 1	1s20	0s24	0s37	21s43	0n45	2s46	2n41	19s 4	0s36	21n50	0s40	5s 3	14n14	2s28	2s10	7n27	7n57	7s 7
W 2	7 20	28 43	5 16	16 19	1 55	11 34	1 21	0 5	0 37	21 44	0 46	2 44	2 41	19 3	0 36	21 50	0 40	5 2	14 15	2 28	2 12	7 30	7 59	7 7
T 3	6 57	28 6	5 4	15 52	1 59	11 8	1 22	0n14	0 36	21 45	0 46	2 43	2 41	19 2	0 36	21 50	0 40	5 2	14 15	2 28	2 13	7 34	8 0	7 6
F 4	6 34	25 49	4 34	15 24	2 2	10 41	1 22	0 33	0 35	21 45	0 46	2 41	2 42	19 2	0 36	21 51	0 40	5 2	14 15	2 29	2 14	7 37	8 2	7 6
S 5	6 11	21 56	3 47	14 55	2 5	10 14	1 23	0 52	0 35	21 46	0 46	2 40	2 42	19 1	0 36	21 51	0 40	5 1	14 16	2 29	2 16	7 40	8 4	7 5
S 6	5 47	16 39	2 45	14 24	2 7	9 47	1 24	1 11	0 34	21 46	0 46	2 38	2 42	19 0	0 36	21 51	0 40	5 1	14 16	2 30	2 17	7 44	8 6	7 5
M 7	5 24	10 18	1 31	13 52	2 9	9 19	1 24	1 30	0 33	21 47	0 46	2 36	2 42	19 0	0 36	21 51	0 40	5 0	14 17	2 30	2 18	7 47	8 7	7 4
T 8	5 1	3 15	0 9	13 19	2 11	8 51	1 25	1 49	0 33	21 47	0 46	2 35	2 42	18 59	0 36	21 51	0 40	5 0	14 17	2 30	2 19	7 50	8 9	7 4
W 9	4 38	4s 0	1s14	12 45	2 12	8 23	1 25	2 7	0 32	21 48	0 46	2 33	2 42	18 58	0 36	21 51	0 40	4 59	14 17	2 30	2 21	7 54	8 11	7 3
T 10	4 14	11 1	2 32	12 9	2 13	7 54	1 26	2 26	0 32	21 48	0 46	2 31	2 43	18 57	0 36	21 51	0 40	4 59	14 18	2 30	2 22	7 57	8 12	7 3
F 11	3 51	17 20	3 38	11 32	2 13	7 26	1 26	2 45	0 31	21 48	0 46	2 30	2 43	18 57	0 36	21 51	0 40	4 58	14 18	2 30	2 23	8 0	8 14	7 2
S 12	3 27	22 32	4 29	10 54	2 13	6 57	1 26	3 3	0 30	21 49	0 46	2 28	2 43	18 56	0 36	21 51	0 40	4 58	14 18	2 30	2 24	8 4	8 16	7 2
S 13	3 3	26 17	5 3	10 14	2 12	6 28	1 26	3 22	0 30	21 49	0 46	2 26	2 43	18 55	0 36	21 51	0 40	4 57	14 19	2 30	2 26	8 7	8 17	7 1
M14	2 40	28 20	5 17	9 33	2 11	5 59	1 26	3 41	0 29	21 49	0 46	2 24	2 43	18 55	0 36	21 52	0 39	4 57	14 19	2 30	2 27	8 10	8 19	7 0
T 15	2 16	28 40	5 14	8 51	2 10	5 30	1 26	3 59	0 28	21 50	0 46	2 23	2 43	18 54	0 36	21 52	0 39	4 56	14 20	2 30	2 28	8 14	8 21	7 0
W16	1 53	27 21	4 54	8 8	2 8	5 0	1 26	4 17	0 28	21 50	0 46	2 21	2 43	18 53	0 36	21 52	0 39	4 56	14 20	2 29	2 29	8 17	8 22	6 59
T 17	1 29	24 38	4 20	7 23	2 6	4 31	1 26	4 36	0 27	21 50	0 46	2 19	2 43	18 53	0 36	21 52	0 39	4 55	14 20	2 29	2 31	8 20	8 24	6 58
F 18	1 5	20 47	3 34	6 37	2 3	4 1	1 26	4 54	0 26	21 51	0 46	2 17	2 44	18 52	0 36	21 52	0 39	4 55	14 21	2 29	2 32	8 23	8 25	6 58
S 19	0 41	16 6	2 39	5 50	1 59	3 31	1 26	5 12	0 26	21 51	0 46	2 15	2 44	18 51	0 36	21 52	0 39	4 54	14 21	2 29	2 33	8 27	8 27	6 57
S 20	0 18	10 52	1 38	5 2	1 55	3 1	1 26	5 31	0 25	21 51	0 46	2 14	2 44	18 51	0 36	21 52	0 39	4 54	14 21	2 29	2 34	8 30	8 28	6 56
M21	0n 6	5 17	0 32	4 13	1 51	2 31	1 25	5 49	0 24	21 51	0 46	2 12	2 44	18 50	0 36	21 52	0 39	4 53	14 22	2 29	2 36	8 33	8 30	6 56
T 22	0 30	0n26	0n33	3 23	1 46	2 1	1 25	6 7	0 24	21 51	0 46	2 10	2 44	18 50	0 36	21 52	0 39	4 53	14 22	2 29	2 37	8 37	8 32	6 55
W23	0 53	6 6	1 38	2 31	1 40	1 31	1 24	6 25	0 23	21 52	0 46	2 8	2 44	18 49	0 36	21 52	0 39	4 52	14 22	2 29	2 38	8 40	8 33	6 54
T 24	1 17	11 33	2 37	1 39	1 34	1 1	1 24	6 42	0 22	21 52	0 47	2 6	2 44	18 48	0 36	21 52	0 39	4 52	14 23	2 29	2 39	8 43	8 34	6 54
F 25	1 41	16 35	3 30	0 45	1 27	0 30	1 23	7 0	0 22	21 52	0 47	2 4	2 44	18 48	0 36	21 52	0 39	4 51	14 23	2 30	2 41	8 47	8 36	6 53
S 26	2 4	21 2	4 14	0n 9	1 20	0 0	1 22	7 18	0 21	21 52	0 47	2 3	2 44	18 47	0 36	21 52	0 39	4 51	14 23	2 31	2 42	8 50	8 37	6 52
S 27	2 28	24 39	4 48	1 4	1 13	0n30	1 22	7 36	0 20	21 52	0 47	2 1	2 44	18 47	0 36	21 52	0 39	4 50	14 24	2 31	2 43	8 53	8 39	6 52
M28	2 51	27 15	5 9	2 0	1 4	1 0	1 21	7 53	0 20	21 52	0 47	1 59	2 44	18 46	0 36	21 52	0 39	4 50	14 24	2 32	2 44	8 57	8 40	6 51
T 29	3 14	28 35	5 16	2 56	0 56	1 31	1 20	8 11	0 19	21 52	0 47	1 57	2 44	18 46	0 36	21 52	0 39	4 49	14 24	2 32	2 46	9 0	8 42	6 50
W30	3 38	28 29	5 9	3 53	0 47	2 1	1 19	8 28	0 18	21 52	0 47	1 55	2 44	18 45	0 36	21 52	0 39	4 49	14 25	2 33	2 47	9 3	8 43	6 49
T 31	4n 1	26n49	4n46	4n50	0s37	2n31	1s18	8n45	0s18	21s52	0n47	1s53	2n44	18s44	0s36	21n52	0s39	4s48	14n25	2s32	2s48	9n 6	8n44	6s49

Julian Day Number = 2358832.5, Delta T = 14.91 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'47, Lahiri = 20°18'48Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

APRIL 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 45	11♈ 6'55	2♌28	15♈44	10♈36	23♈57	15°R 8	11°R 3	8♒34	15♋58	23°R58	23♓37	22♓54	18♈ 9	18°R45	F 1
S 2	12 40 42	12° 5'57	16°17	17°48	11°51	24°42	15♐ 8	10♎59	8°36	15°58	23♏57	23°39	22°50	18°16	18♌43	S 2
S 3	12 44 38	13° 4'58	0♍31	19°52	13° 5	25°26	15° 8	10°54	8°38	15°59	23°56	23°40	22°47	18°22	18°42	S 3
M 4	12 48 35	14° 3'55	15°11	21°56	14°19	26°11	15° 7	10°49	8°40	15°59	23°55	23°41	22°44	18°29	18°40	M 4
T 5	12 52 31	15° 2'51	0♎10	23°59	15°34	26°56	15° 7	10°45	8°42	15°59	23°54	23°R41	22°41	18°36	18°39	T 5
W 6	12 56 28	16° 1'44	15°22	26° 1	16°48	27°40	15° 6	10°40	8°43	15°59	23°52	23°40	22°38	18°42	18°37	W 6
T 7	13 0 24	17° 0'36	0♏37	28° 2	18° 3	28°25	15° 5	10°35	8°45	16° 0	23°51	23°38	22°35	18°49	18°36	T 7
F 8	13 4 21	17°59'26	15°45	0♑ 1	19°17	29° 9	15° 4	10°31	8°47	16° 0	23°50	23°35	22°31	18°56	18°35	F 8
S 9	13 8 17	18°58'13	0♐36	1°58	20°31	29°53	15° 2	10°26	8°49	16° 0	23°49	23°31	22°28	19° 2	18°34	S 9
S 10	13 12 14	19°57'00	15° 5	3°52	21°45	0♑38	15° 1	10°22	8°50	16° 1	23°47	23°28	22°25	19° 9	18°33	S 10
M11	13 16 11	20°55'44	29° 6	5°44	23° 0	1°22	14°59	10°17	8°52	16° 1	23°46	23°25	22°22	19°16	18°32	M11
T 12	13 20 7	21°54'27	12♑39	7°32	24°14	2° 6	14°57	10°13	8°54	16° 2	23°45	23°24	22°19	19°22	18°31	T 12
W13	13 24 4	22°53'08	25°45	9°18	25°28	2°51	14°55	10° 8	8°55	16° 2	23°43	23°D23	22°15	19°29	18°31	W13
T 14	13 28 0	23°51'47	8♒29	10°59	26°42	3°35	14°52	10° 4	8°57	16° 3	23°42	23°24	22°12	19°36	18°30	T 14
F 15	13 31 57	24°50'24	20°52	12°37	27°57	4°19	14°50	9°59	8°58	16° 4	23°41	23°26	22° 9	19°42	18°30	F 15
S 16	13 35 53	25°49'00	3♓ 1	14°10	29°11	5° 3	14°47	9°55	8°59	16° 4	23°39	23°27	22° 6	19°49	18°30	S 16
S 17	13 39 50	26°47'34	14°59	15°39	0♑25	5°47	14°44	9°51	9° 1	16° 5	23°38	23°29	22° 3	19°56	18°30	S 17
M18	13 43 46	27°46'06	26°51	17° 4	1°39	6°31	14°41	9°46	9° 2	16° 6	23°36	23°R29	22° 0	20° 2	18°D30	M18
T 19	13 47 43	28°44'37	8♈39	18°24	2°53	7°15	14°38	9°42	9° 3	16° 6	23°35	23°28	21°56	20° 9	18°30	T 19
W20	13 51 39	29°43'06	20°26	19°39	4° 7	7°59	14°35	9°38	9° 4	16° 7	23°33	23°25	21°53	20°16	18°30	W20
T 21	13 55 36	0♑41'33	2♑15	20°49	5°21	8°42	14°31	9°33	9° 6	16° 8	23°32	23°20	21°50	20°22	18°30	T 21
F 22	13 59 33	1°39'58	14° 8	21°54	6°36	9°26	14°28	9°29	9° 7	16° 9	23°30	23°14	21°47	20°29	18°31	F 22
S 23	14 3 29	2°38'21	26° 6	22°54	7°50	10°10	14°24	9°25	9° 8	16°10	23°29	23° 7	21°44	20°36	18°31	S 23
S 24	14 7 26	3°36'42	8♊12	23°50	9° 4	10°54	14°20	9°21	9° 9	16°11	23°27	22°59	21°40	20°42	18°32	S 24
M25	14 11 22	4°35'01	20°27	24°39	10°18	11°37	14°15	9°17	9°10	16°11	23°26	22°52	21°37	20°49	18°33	M25
T 26	14 15 19	5°33'19	2♋53	25°24	11°32	12°21	14°11	9°13	9°11	16°12	23°24	22°46	21°34	20°56	18°33	T 26
W27	14 19 15	6°31'34	15°32	26° 3	12°46	13° 4	14° 7	9° 9	9°12	16°13	23°23	22°42	21°31	21° 2	18°34	W27
T 28	14 23 12	7°29'48	28°29	26°37	14° 0	13°48	14° 2	9° 6	9°12	16°14	23°21	22°40	21°28	21° 9	18°35	T 28
F 29	14 27 9	8°27'59	11♌45	27° 5	15°14	14°31	13°57	9° 2	9°13	16°15	23°20	22°D40	21°25	21°16	18°37	F 29
S 30	14 31 5	9♉26'08	25♌23	27♉28	16♉28	15♉14	13♐52	8♎58	9♒14	16♋17	23♏18	22♓41	21♓21	21♈22	18♌38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n24	23n38	4n 7	5n47	0s27	3n 1	1s17	9n 2	0s17	21s52	0n47	1s51	2n44	18s44	0s36	21n52	0s39	4s48	14n25	2s32	2s49	9n10	8n45	6s48
S 2	4 47	19 2	3 12	6 44	0 17	3 31	1 16	9 20	0 16	21 52	0 47	1 50	2 45	18 43	0 36	21 52	0 39	4 47	14 25	2 32	2 51	9 13	8 47	6 47
S 3	5 10	13 15	2 5	7 41	0 6	4 1	1 15	9 36	0 16	21 52	0 47	1 48	2 45	18 43	0 36	21 52	0 39	4 47	14 26	2 31	2 52	9 16	8 48	6 46
M 4	5 33	6 34	0 47	8 38	0n 5	4 31	1 14	9 53	0 15	21 52	0 47	1 46	2 45	18 43	0 36	21 52	0 39	4 46	14 26	2 31	2 53	9 20	8 49	6 45
T 5	5 56	0s37	0s36	9 34	0 16	5 1	1 13	10 10	0 14	21 52	0 47	1 44	2 45	18 42	0 36	21 52	0 39	4 46	14 26	2 31	2 55	9 23	8 50	6 45
W 6	6 19	7 51	1 57	10 29	0 27	5 31	1 11	10 27	0 14	21 52	0 47	1 42	2 45	18 42	0 36	21 52	0 39	4 45	14 26	2 31	2 56	9 26	8 52	6 44
T 7	6 42	14 40	3 10	11 23	0 38	6 1	1 10	10 43	0 13	21 52	0 47	1 41	2 45	18 41	0 37	21 52	0 39	4 45	14 27	2 32	2 57	9 29	8 53	6 43
F 8	7 4	20 32	4 9	12 16	0 50	6 30	1 9	11 0	0 12	21 51	0 47	1 39	2 45	18 41	0 37	21 52	0 39	4 44	14 27	2 33	2 58	9 33	8 54	6 42
S 9	7 26	25 1	4 50	13 8	1 1	6 59	1 7	11 16	0 12	21 51	0 47	1 37	2 44	18 40	0 37	21 52	0 39	4 44	14 27	2 35	3 0	9 36	8 55	6 41
S 10	7 49	27 47	5 11	13 57	1 12	7 29	1 6	11 32	0 11	21 51	0 47	1 35	2 44	18 40	0 37	21 52	0 39	4 43	14 27	2 36	3 1	9 39	8 56	6 41
M11	8 11	28 41	5 13	14 45	1 23	7 58	1 4	11 48	0 10	21 51	0 47	1 34	2 44	18 40	0 37	21 52	0 39	4 43	14 28	2 37	3 2	9 43	8 57	6 40
T 12	8 33	27 48	4 57	15 31	1 33	8 27	1 2	12 4	0 10	21 51	0 47	1 32	2 44	18 39	0 37	21 52	0 39	4 42	14 28	2 38	3 3	9 46	8 58	6 39
W13	8 55	25 22	4 26	16 14	1 43	8 55	1 1	12 20	0 9	21 50	0 47	1 30	2 44	18 39	0 37	21 52	0 39	4 42	14 28	2 38	3 5	9 49	8 59	6 38
T 14	9 16	21 45	3 42	16 56	1 53	9 24	0 59	12 36	0 9	21 50	0 47	1 28	2 44	18 38	0 37	21 52	0 38	4 41	14 28	2 37	3 6	9 52	9 0	6 37
F 15	9 38	17 14	2 49	17 34	2 2	9 52	0 57	12 51	0 8	21 50	0 47	1 27	2 44	18 38	0 37	21 52	0 38	4 41	14 28	2 37	3 7	9 56	9 1	6 36
S 16	9 59	12 7	1 50	18 11	2 10	10 20	0 56	13 7	0 7	21 49	0 47	1 25	2 44	18 38	0 37	21 52	0 38	4 40	14 29	2 36	3 8	9 59	9 2	6 36
S 17	10 21	6 38	0 46	18 44	2 17	10 48	0 54	13 22	0 7	21 49	0 47	1 23	2 44	18 37	0 37	21 52	0 38	4 40	14 29	2 36	3 10	10 2	9 3	6 35
M18	10 42	0 58	0n18	19 15	2 24	11 15	0 52	13 37	0 6	21 49	0 47	1 22	2 44	18 37	0 37	21 52	0 38	4 39	14 29	2 35	3 11	10 5	9 3	6 34
T 19	11 3	4n41	1 22	19 44	2 30	11 43	0 50	13 52	0 5	21 48	0 47	1 20	2 44	18 37	0 37	21 52	0 38	4 39	14 29	2 36	3 12	10 9	9 4	6 33
W20	11 23	10 11	2 22	20 10	2 35	12 10	0 48	14 7	0 5	21 48	0 47	1 19	2 44	18 36	0 37	21 52	0 38	4 38	14 29	2 37	3 13	10 12	9 5	6 32
T 21	11 44	15 20	3 15	20 33	2 40	12 36	0 46	14 22	0 4	21 47	0 47	1 17	2 44	18 36	0 37	21 52	0 38	4 38	14 29	2 39	3 15	10 15	9 6	6 31
F 22	12 4	19 56	4 1	20 53	2 43	13 3	0 44	14 36	0 3	21 47	0 47	1 15	2 44	18 36	0 37	21 52	0 38	4 37	14 29	2 41	3 16	10 18	9 6	6 30
S 23	12 24	23 47	4 36	21 11	2 45	13 29	0 42	14 51	0 3	21 47	0 47	1 14	2 44	18 36	0 37	21 52	0 38	4 37	14 30	2 44	3 17	10 22	9 7	6 30
S 24	12 44	26 38	4 59	21 26	2 46	13 55	0 40	15 5	0 2	21 46	0 47	1 12	2 43	18 35	0 37	21 52	0 38	4 36	14 30	2 47	3 18	10 25	9 8	6 29
M25	13 4	28 16	5 9	21 39	2 46	14 20	0 38	15 19	0 1	21 46	0 47	1 11	2 43	18 35	0 37	21 52	0 38	4 36	14 30	2 50	3 20	10 28	9 8	6 28
T 26	13 24	28 31	5 5	21 49	2 46	14 45	0 36	15 33	0 1	21 45	0 47	1 10	2 43	18 35	0 37	21 52	0 38	4 35	14 30	2 52	3 21	10 31	9 9	6 27
W27	13 43	27 17	4 45	21 57	2 44	15 10	0 33	15 47	0 0	21 45	0 47	1 8	2 43	18 35	0 37	21 51	0 38	4 35	14 30	2 54	3 22	10 35	9 9	6 26
T 28	14 2	24 36	4 11	22 2	2 40	15 34	0 31	16 1	0n 1	21 44	0 47	1 7	2 43	18 35	0 37	21 51	0 38	4 35	14 30	2 55	3 23	10 38	9 10	6 25
F 29	14 21	20 32	3 23	22 4	2 36	15 58	0 29	16 14	0 1	21 44	0 47	1 5	2 43	18 35	0 37	21 51	0 38	4 34	14 30	2 55	3 25	10 41	9 10	6 24
S 30	14n39	15n19	2n22	22n 4	2n31	16n21	0s27	16n28	0n 2	21s43	0n47	1s 4	2n43	18s34	0s37	21n51	0s38	4s34	14n30	2s55	3s26	10n44	9n11	6s24

Julian Day Number = 2358863.5, Delta T = 14.93 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'52, Lahiri = 20°18'52Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

MAY 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 2	10♉24'15	9♍25	27♉46	17♉42	15♉58	13°R47	8°R55	9♒15	16♋18	23°R16	22♓42	21♓18	21♈29	18♌39	S 1
M 2	14 38 58	11°22'20	23°50	27°58	18°55	16°41	13♐42	8♎51	9°15	16°19	23♏15	22°R42	21°15	21°36	18°41	M 2
T 3	14 42 55	12°20'23	8♎37	28° 5	20° 9	17°24	13°36	8°47	9°16	16°20	23°13	22°41	21°12	21°42	18°43	T 3
W 4	14 46 51	13°18'25	23°39	28°R 7	21°23	18° 7	13°31	8°44	9°16	16°21	23°12	22°38	21° 9	21°49	18°44	W 4
T 5	14 50 48	14°16'24	8♏50	28° 3	22°37	18°50	13°25	8°41	9°17	16°22	23°10	22°33	21° 6	21°56	18°46	T 5
F 6	14 54 44	15°14'22	23°59	27°55	23°51	19°33	13°19	8°37	9°17	16°24	23° 8	22°26	21° 2	22° 2	18°48	F 6
S 7	14 58 41	16°12'19	8♐56	27°42	25° 5	20°16	13°13	8°34	9°18	16°25	23° 7	22°18	20°59	22° 9	18°50	S 7
S 8	15 2 37	17°10'14	23°32	27°25	26°19	20°59	13° 7	8°31	9°18	16°26	23° 5	22°10	20°56	22°16	18°52	S 8
M 9	15 6 34	18° 8'08	7♑42	27° 4	27°32	21°42	13° 1	8°28	9°18	16°27	23° 3	22° 3	20°53	22°22	18°55	M 9
T 10	15 10 31	19° 6'00	21°23	26°39	28°46	22°25	12°55	8°25	9°18	16°29	23° 2	21°57	20°50	22°29	18°57	T 10
W11	15 14 27	20° 3'52	4♒35	26°11	29°59	23° 8	12°48	8°22	9°19	16°30	23° 0	21°54	20°46	22°36	18°59	W11
T 12	15 18 24	21° 1'42	17°20	25°41	1♊14	23°51	12°42	8°19	9°19	16°32	22°58	21°D53	20°43	22°42	19° 2	T 12
F 13	15 22 20	21°59'30	29°44	25° 8	2°27	24°33	12°35	8°17	9°19	16°33	22°57	21°53	20°40	22°49	19° 5	F 13
S 14	15 26 17	22°57'18	11♓51	24°35	3°41	25°16	12°28	8°14	9°R19	16°34	22°55	21°54	20°37	22°56	19° 8	S 14
S 15	15 30 13	23°55'04	23°47	24° 0	4°55	25°58	12°22	8°11	9°19	16°36	22°53	21°R54	20°34	23° 2	19°10	S 15
M16	15 34 10	24°52'49	5♈36	23°25	6° 8	26°41	12°15	8° 9	9°19	16°37	22°52	21°53	20°31	23° 9	19°13	M16
T 17	15 38 6	25°50'33	17°22	22°50	7°22	27°24	12° 8	8° 7	9°19	16°39	22°50	21°50	20°27	23°16	19°17	T 17
W18	15 42 3	26°48'16	29°11	22°17	8°36	28° 6	12° 1	8° 4	9°18	16°41	22°48	21°44	20°24	23°22	19°20	W18
T 19	15 46 0	27°45'58	11♉ 4	21°45	9°49	28°48	11°53	8° 2	9°18	16°42	22°47	21°36	20°21	23°29	19°23	T 19
F 20	15 49 56	28°43'38	23° 4	21°15	11° 3	29°31	11°46	8° 0	9°18	16°44	22°45	21°26	20°18	23°36	19°26	F 20
S 21	15 53 53	29°41'18	5♊12	20°47	12°17	0♊13	11°39	7°58	9°18	16°45	22°43	21°14	20°15	23°42	19°30	S 21
S 22	15 57 49	0♊38'56	17°30	20°23	13°30	0°55	11°32	7°56	9°17	16°47	22°42	21° 1	20°12	23°49	19°34	S 22
M23	16 1 46	1°36'33	29°58	20° 2	14°44	1°37	11°24	7°54	9°17	16°49	22°40	20°50	20° 8	23°56	19°37	M23
T 24	16 5 42	2°34'08	12♋37	19°44	15°58	2°20	11°17	7°53	9°16	16°50	22°38	20°40	20° 5	24° 2	19°41	T 24
W25	16 9 39	3°31'42	25°27	19°31	17°11	3° 2	11° 9	7°51	9°16	16°52	22°37	20°32	20° 2	24° 9	19°45	W25
T 26	16 13 36	4°29'15	8♌31	19°21	18°25	3°44	11° 2	7°49	9°15	16°54	22°35	20°27	19°59	24°16	19°49	T 26
F 27	16 17 32	5°26'47	21°49	19°16	19°38	4°26	10°54	7°48	9°15	16°56	22°34	20°25	19°56	24°22	19°53	F 27
S 28	16 21 29	6°24'17	5♍24	19°D15	20°52	5° 8	10°47	7°47	9°14	16°57	22°32	20°D24	19°52	24°29	19°57	S 28
S 29	16 25 25	7°21'45	19°17	19°19	22° 5	5°50	10°39	7°45	9°13	16°59	22°30	20°R24	19°49	24°36	20° 1	S 29
M30	16 29 22	8°19'12	3♎28	19°27	23°19	6°31	10°31	7°44	9°13	17° 1	22°29	20°24	19°46	24°42	20° 6	M30
T 31	16 33 18	9♊16'38	17♎57	19♉40	24♊32	7♊13	10♐24	7♎43	9♒12	17♋ 3	22♏27	20♓22	19♓43	24♈49	20♌10	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	14n58	9n 9	1n11	22n 2	2n24	16n45	0s24	16n41	0n 2	21s42	0n47	1s 3	2n43	18s34	0s37	21n51	0s38	4s33	14n30	2s54	3s27	10n47	9n11	6s23
M 2	15 16	2 22	0s 6	21 57	2 16	17 7	0 22	16 54	0 3	21 42	0 47	1 1	2 42	18 34	0 37	21 51	0 38	4 33	14 30	2 54	3 28	10 51	9 11	6 22
T 3	15 34	4s43	1 25	21 49	2 7	17 30	0 20	17 7	0 4	21 41	0 47	1 0	2 42	18 34	0 37	21 51	0 38	4 32	14 30	2 54	3 30	10 54	9 12	6 21
W 4	15 51	11 39	2 39	21 40	1 57	17 51	0 17	17 19	0 4	21 40	0 47	0 59	2 42	18 34	0 37	21 51	0 38	4 32	14 30	2 55	3 31	10 57	9 12	6 20
T 5	16 9	17 58	3 42	21 28	1 45	18 13	0 15	17 32	0 5	21 40	0 47	0 58	2 42	18 34	0 38	21 51	0 38	4 32	14 30	2 58	3 32	11 0	9 12	6 19
F 6	16 26	23 9	4 30	21 14	1 33	18 33	0 13	17 44	0 6	21 39	0 47	0 57	2 42	18 34	0 38	21 50	0 38	4 31	14 30	3 0	3 33	11 3	9 12	6 18
S 7	16 43	26 43	4 58	20 58	1 20	18 54	0 10	17 56	0 6	21 38	0 47	0 56	2 42	18 34	0 38	21 50	0 38	4 31	14 30	3 4	3 35	11 7	9 13	6 18
S 8	16 59	28 25	5 6	20 40	1 5	19 14	0 8	18 8	0 7	21 38	0 47	0 55	2 42	18 34	0 38	21 50	0 38	4 30	14 30	3 7	3 36	11 10	9 13	6 17
M 9	17 15	28 9	4 55	20 20	0 50	19 33	0 5	18 20	0 8	21 37	0 47	0 53	2 41	18 34	0 38	21 50	0 38	4 30	14 30	3 10	3 37	11 13	9 13	6 16
T 10	17 31	26 10	4 27	19 59	0 34	19 52	0 3	18 32	0 8	21 36	0 47	0 52	2 41	18 34	0 38	21 50	0 38	4 30	14 30	3 12	3 38	11 16	9 13	6 15
W11	17 47	22 48	3 46	19 37	0 17	20 10	0 1	18 43	0 9	21 35	0 47	0 52	2 41	18 33	0 38	21 50	0 38	4 29	14 30	3 13	3 40	11 20	9 13	6 14
T 12	18 2	18 25	2 54	19 13	0 0	20 28	0n 2	18 55	0 9	21 35	0 47	0 51	2 41	18 33	0 38	21 50	0 38	4 29	14 30	3 13	3 41	11 23	9 13	6 13
F 13	18 18	13 23	1 56	18 48	0s17	20 45	0 4	19 6	0 10	21 34	0 47	0 50	2 41	18 34	0 38	21 50	0 38	4 29	14 30	3 13	3 42	11 26	9 13	6 13
S 14	18 32	7 57	0 54	18 23	0 34	21 2	0 7	19 17	0 11	21 33	0 47	0 49	2 40	18 34	0 38	21 49	0 38	4 28	14 30	3 13	3 43	11 29	9 13	6 12
S 15	18 47	2 19	0n10	17 58	0 52	21 18	0 9	19 28	0 11	21 32	0 47	0 48	2 40	18 34	0 38	21 49	0 38	4 28	14 30	3 13	3 45	11 32	9 13	6 11
M16	19 1	3n20	1 13	17 32	1 9	21 33	0 12	19 38	0 12	21 31	0 47	0 47	2 40	18 34	0 38	21 49	0 38	4 28	14 30	3 13	3 46	11 35	9 13	6 10
T 17	19 15	8 51	2 12	17 7	1 26	21 48	0 14	19 49	0 12	21 31	0 47	0 46	2 40	18 34	0 38	21 49	0 38	4 27	14 30	3 15	3 47	11 39	9 13	6 9
W18	19 28	14 5	3 5	16 43	1 43	22 2	0 17	19 59	0 13	21 30	0 47	0 46	2 40	18 34	0 38	21 49	0 37	4 27	14 30	3 17	3 48	11 42	9 12	6 8
T 19	19 41	18 49	3 50	16 19	1 59	22 16	0 19	20 9	0 14	21 29	0 46	0 45	2 39	18 34	0 38	21 49	0 37	4 27	14 30	3 20	3 50	11 45	9 12	6 8
F 20	19 54	22 51	4 26	15 56	2 14	22 29	0 21	20 19	0 14	21 28	0 46	0 44	2 39	18 34	0 38	21 48	0 37	4 27	14 30	3 24	3 51	11 48	9 12	6 7
S 21	20 7	25 57	4 50	15 35	2 28	22 42	0 24	20 28	0 15	21 27	0 46	0 44	2 39	18 34	0 38	21 48	0 37	4 26	14 29	3 29	3 52	11 51	9 12	6 6
S 22	20 19	27 53	5 1	15 16	2 42	22 53	0 26	20 38	0 16	21 26	0 46	0 43	2 39	18 34	0 38	21 48	0 37	4 26	14 29	3 34	3 53	11 54	9 11	6 5
M23	20 31	28 26	4 58	14 59	2 54	23 4	0 29	20 47	0 16	21 25	0 46	0 43	2 39	18 34	0 38	21 48	0 37	4 26	14 29	3 38	3 55	11 58	9 11	6 4
T 24	20 42	27 31	4 40	14 43	3 6	23 15	0 31	20 56	0 17	21 24	0 46	0 42	2 38	18 35	0 38	21 48	0 37	4 26	14 29	3 42	3 56	12 1	9 10	6 4
W25	20 53	25 9	4 8	14 30	3 16	23 25	0 33	21 5	0 17	21 23	0 46	0 42	2 38	18 35	0 38	21 47	0 37	4 25	14 29	3 45	3 57	12 4	9 10	6 3
T 26	21 4	21 25	3 23	14 18	3 25	23 34	0 36	21 13	0 18	21 22	0 46	0 41	2 38	18 35	0 38	21 47	0 37	4 25	14 29	3 47	3 58	12 7	9 10	6 2
F 27	21 15	16 33	2 25	14 9	3 33	23 42	0 38	21 22	0 19	21 21	0 46	0 41	2 38	18 35	0 38	21 47	0 37	4 25	14 28	3 48	4 0	12 10	9 9	6 1
S 28	21 25	10 46	1 19	14 3	3 39	23 50	0 40	21 30	0 19	21 20	0 46	0 41	2 37	18 35	0 38	21 47	0 37	4 25	14 28	3 48	4 1	12 13	9 8	6 1
S 29	21 34	4 20	0 6	13 58	3 45	23 57	0 43	21 38	0 20	21 19	0 46	0 40	2 37	18 36	0 38	21 47	0 37	4 24	14 28	3 48	4 2	12 17	9 8	6 0
M30	21 44	2s26	1s 9	13 56	3 49	24 3	0 45	21 46	0 20	21 19	0 45	0 40	2 37	18 36	0 38	21 47	0 37	4 24	14 28	3 49	4 3	12 20	9 7	5 59
T 31	21n52	9s13	2s20	13n56	3s53	24n 9	0n47	21n53	0n21	21s18	0n45	0s40	2n37	18s36	0s38	21n46	0s37	4s24	14n28	3s49	4s 5	12n23	9n 7	5s58

Julian Day Number = 2358893.5, Delta T = 14.95 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'56, Lahiri = 20°18'56Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

JUNE 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 15	10♊14'03	2♏41	19♉57	25♊46	7♊55	10°R16	7°R42	9°R11	17♋ 5	22°R26	20°R17	19♓40	24♈56	20♌15	W 1
T 2	16 41 11	11°11'27	17°34	20°18	26°59	8°37	10♐ 9	7♎41	9♒10	17° 6	22♏24	20♓10	19°37	25° 2	20°19	T 2
F 3	16 45 8	12° 8'50	2♐28	20°44	28°12	9°18	10° 1	7°40	9° 9	17° 8	22°22	20° 0	19°33	25° 9	20°24	F 3
S 4	16 49 5	13° 6'11	17°14	21°14	29°26	10° 0	9°53	7°40	9° 8	17°10	22°21	19°49	19°30	25°16	20°29	S 4
S 5	16 53 1	14° 3'33	1♑45	21°49	0♋39	10°41	9°46	7°39	9° 7	17°12	22°19	19°38	19°27	25°22	20°34	S 5
M 6	16 56 58	15° 0'53	15°53	22°27	1°52	11°23	9°38	7°39	9° 6	17°14	22°18	19°28	19°24	25°29	20°39	M 6
T 7	17 0 54	15°58'13	29°34	23°10	3° 6	12° 4	9°30	7°38	9° 5	17°16	22°16	19°20	19°21	25°36	20°44	T 7
W 8	17 4 51	16°55'32	12♒48	23°56	4°19	12°46	9°23	7°38	9° 4	17°18	22°15	19°15	19°18	25°42	20°49	W 8
T 9	17 8 47	17°52'50	25°37	24°47	5°32	13°27	9°15	7°38	9° 3	17°20	22°14	19°12	19°14	25°49	20°54	T 9
F 10	17 12 44	18°50'08	8♓ 3	25°41	6°46	14° 8	9° 8	7°D38	9° 2	17°22	22°12	19°10	19°11	25°56	20°59	F 10
S 11	17 16 40	19°47'26	20°12	26°39	7°59	14°50	9° 1	7°38	9° 0	17°24	22°11	19°10	19° 8	26° 2	21° 5	S 11
S 12	17 20 37	20°44'43	2♈ 8	27°40	9°12	15°31	8°53	7°38	8°59	17°26	22° 9	19°10	19° 5	26° 9	21°10	S 12
M13	17 24 34	21°42'00	13°58	28°46	10°26	16°12	8°46	7°38	8°58	17°28	22° 8	19° 9	19° 2	26°16	21°16	M13
T 14	17 28 30	22°39'17	25°47	29°54	11°39	16°53	8°39	7°39	8°56	17°30	22° 6	19° 5	18°58	26°22	21°21	T 14
W15	17 32 27	23°36'33	7♉38	1♊ 6	12°52	17°34	8°31	7°39	8°55	17°32	22° 5	18°59	18°55	26°29	21°27	W15
T 16	17 36 23	24°33'50	19°36	2°22	14° 5	18°15	8°24	7°40	8°53	17°34	22° 4	18°51	18°52	26°36	21°33	T 16
F 17	17 40 20	25°31'05	1♊44	3°41	15°18	18°56	8°17	7°40	8°52	17°36	22° 2	18°40	18°49	26°43	21°39	F 17
S 18	17 44 16	26°28'21	14° 4	5° 3	16°32	19°37	8°10	7°41	8°50	17°38	22° 1	18°27	18°46	26°49	21°44	S 18
S 19	17 48 13	27°25'36	26°36	6°29	17°45	20°18	8° 3	7°42	8°49	17°41	22° 0	18°14	18°43	26°56	21°50	S 19
M20	17 52 9	28°22'51	9♋21	7°58	18°58	20°59	7°57	7°43	8°47	17°43	21°59	18° 2	18°39	27° 3	21°56	M20
T 21	17 56 6	29°20'05	22°19	9°30	20°11	21°40	7°50	7°44	8°46	17°45	21°57	17°51	18°36	27° 9	22° 3	T 21
W22	18 0 3	0♋17'19	5♌28	11° 5	21°24	22°21	7°43	7°45	8°44	17°47	21°56	17°43	18°33	27°16	22° 9	W22
T 23	18 3 59	1°14'33	18°49	12°43	22°37	23° 2	7°37	7°46	8°42	17°49	21°55	17°38	18°30	27°23	22°15	T 23
F 24	18 7 56	2°11'46	2♍20	14°25	23°50	23°42	7°30	7°48	8°40	17°51	21°54	17°35	18°27	27°29	22°21	F 24
S 25	18 11 52	3° 8'58	16° 2	16°10	25° 3	24°23	7°24	7°49	8°39	17°53	21°53	17°D34	18°24	27°36	22°28	S 25
S 26	18 15 49	4° 6'10	29°55	17°57	26°16	25° 4	7°18	7°51	8°37	17°56	21°52	17°R34	18°20	27°43	22°34	S 26
M27	18 19 45	5° 3'22	14♎ 0	19°48	27°29	25°44	7°12	7°52	8°35	17°58	21°50	17°34	18°17	27°49	22°41	M27
T 28	18 23 42	6° 0'33	28°15	21°41	28°42	26°25	7° 6	7°54	8°33	18° 0	21°49	17°33	18°14	27°56	22°47	T 28
W29	18 27 38	6°57'44	12♏40	23°37	29°55	27° 5	7° 0	7°56	8°31	18° 2	21°48	17°29	18°11	28° 3	22°54	W29
T 30	18 31 35	7♋54'54	27♏ 9	25♊35	1♌ 8	27♊46	6♐55	7♎58	8♒29	18♋ 4	21♏47	17♓22	18♓ 8	28♈ 9	23♌ 0	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	22n 1	15s36	3s24	13n59	3s55	24n14	0n49	22n 1	0n21	21s17	0n45	0s40	2n37	18s36	0s39	21n46	0s37	4s24	14n27	3s51	4s 6	12n26	9n 6	5s58
T 2	22 9	21 9	4 14	14 3	3 56	24 18	0 51	22 8	0 22	21 16	0 45	0 40	2 36	18 36	0 39	21 46	0 37	4 24	14 27	3 54	4 7	12 29	9 5	5 57
F 3	22 17	25 22	4 47	14 10	3 56	24 21	0 54	22 15	0 23	21 15	0 45	0 40	2 36	18 37	0 39	21 46	0 37	4 24	14 27	3 58	4 8	12 32	9 4	5 56
S 4	22 24	27 51	5 0	14 18	3 55	24 24	0 56	22 22	0 23	21 14	0 45	0 40	2 36	18 37	0 39	21 45	0 37	4 24	14 27	4 2	4 10	12 35	9 4	5 55
S 5	22 31	28 22	4 54	14 29	3 54	24 26	0 58	22 28	0 24	21 13	0 45	0 40	2 36	18 37	0 39	21 45	0 37	4 23	14 27	4 7	4 11	12 38	9 3	5 55
M 6	22 38	26 59	4 30	14 41	3 51	24 27	1 0	22 35	0 24	21 12	0 45	0 40	2 35	18 38	0 39	21 45	0 37	4 23	14 26	4 10	4 12	12 42	9 2	5 54
T 7	22 44	24 1	3 50	14 55	3 48	24 28	1 2	22 41	0 25	21 11	0 44	0 40	2 35	18 38	0 39	21 45	0 37	4 23	14 26	4 14	4 13	12 45	9 1	5 53
W 8	22 50	19 52	3 0	15 11	3 43	24 28	1 4	22 47	0 26	21 10	0 44	0 40	2 35	18 38	0 39	21 45	0 37	4 23	14 26	4 16	4 15	12 48	9 0	5 52
T 9	22 55	14 54	2 1	15 27	3 38	24 27	1 6	22 53	0 26	21 9	0 44	0 40	2 35	18 39	0 39	21 44	0 37	4 23	14 25	4 17	4 16	12 51	8 59	5 52
F 10	23 0	9 28	0 59	15 46	3 33	24 26	1 8	22 58	0 27	21 8	0 44	0 40	2 34	18 39	0 39	21 44	0 37	4 23	14 25	4 17	4 17	12 54	8 58	5 51
S 11	23 5	3 48	0n 5	16 5	3 26	24 23	1 9	23 4	0 27	21 7	0 44	0 40	2 34	18 39	0 39	21 44	0 37	4 23	14 25	4 18	4 18	12 57	8 57	5 50
S 12	23 9	1n54	1 8	16 26	3 19	24 20	1 11	23 9	0 28	21 6	0 44	0 41	2 34	18 40	0 39	21 44	0 37	4 23	14 25	4 18	4 20	13 0	8 56	5 50
M13	23 13	7 28	2 7	16 48	3 11	24 17	1 13	23 14	0 28	21 5	0 44	0 41	2 34	18 40	0 39	21 43	0 37	4 23	14 24	4 18	4 21	13 3	8 55	5 49
T 14	23 16	12 47	3 1	17 10	3 3	24 12	1 15	23 18	0 29	21 4	0 43	0 41	2 33	18 41	0 39	21 43	0 37	4 23	14 24	4 19	4 22	13 6	8 54	5 48
W15	23 19	17 39	3 46	17 34	2 54	24 7	1 16	23 23	0 29	21 3	0 43	0 42	2 33	18 41	0 39	21 43	0 37	4 23	14 24	4 22	4 23	13 10	8 53	5 48
T 16	23 22	21 52	4 23	17 58	2 45	24 1	1 18	23 27	0 30	21 2	0 43	0 42	2 33	18 41	0 39	21 43	0 37	4 23	14 23	4 25	4 25	13 13	8 52	5 47
F 17	23 24	25 14	4 47	18 22	2 35	23 55	1 19	23 31	0 31	21 1	0 43	0 43	2 33	18 42	0 39	21 42	0 37	4 23	14 23	4 29	4 26	13 16	8 50	5 46
S 18	23 26	27 28	4 59	18 47	2 25	23 47	1 21	23 35	0 31	21 0	0 43	0 43	2 32	18 42	0 39	21 42	0 37	4 23	14 23	4 34	4 27	13 19	8 49	5 46
S 19	23 27	28 23	4 57	19 13	2 15	23 39	1 22	23 39	0 32	20 59	0 43	0 44	2 32	18 43	0 39	21 42	0 37	4 23	14 22	4 39	4 28	13 22	8 48	5 45
M20	23 28	27 48	4 40	19 38	2 4	23 31	1 24	23 42	0 32	20 58	0 42	0 44	2 32	18 43	0 39	21 42	0 37	4 23	14 22	4 44	4 30	13 25	8 47	5 44
T 21	23 28	25 42	4 8	20 3	1 53	23 21	1 25	23 45	0 33	20 57	0 42	0 45	2 32	18 44	0 39	21 41	0 37	4 23	14 21	4 48	4 31	13 28	8 45	5 44
W22	23 28	22 13	3 23	20 28	1 41	23 11	1 26	23 48	0 33	20 56	0 42	0 46	2 31	18 44	0 39	21 41	0 37	4 23	14 21	4 52	4 32	13 31	8 44	5 43
T 23	23 28	17 31	2 26	20 53	1 29	23 1	1 28	23 51	0 34	20 55	0 42	0 46	2 31	18 45	0 39	21 41	0 37	4 23	14 21	4 54	4 33	13 34	8 43	5 43
F 24	23 27	11 54	1 20	21 17	1 18	22 50	1 29	23 54	0 34	20 54	0 42	0 47	2 31	18 45	0 39	21 41	0 37	4 23	14 20	4 55	4 35	13 37	8 41	5 42
S 25	23 26	5 39	0 8	21 40	1 6	22 38	1 30	23 56	0 35	20 54	0 42	0 48	2 31	18 45	0 39	21 40	0 37	4 23	14 20	4 55	4 36	13 40	8 40	5 41
S 26	23 25	0s58	1s 5	22 2	0 54	22 25	1 31	23 58	0 35	20 53	0 41	0 49	2 30	18 46	0 39	21 40	0 37	4 24	14 20	4 55	4 37	13 43	8 38	5 41
M27	23 23	7 36	2 15	22 23	0 42	22 12	1 32	24 0	0 36	20 52	0 41	0 50	2 30	18 46	0 39	21 40	0 37	4 24	14 19	4 55	4 38	13 46	8 37	5 40
T 28	23 20	13 57	3 18	22 43	0 30	21 58	1 33	24 2	0 37	20 51	0 41	0 50	2 30	18 47	0 39	21 39	0 37	4 24	14 19	4 56	4 40	13 50	8 35	5 40
W29	23 17	19 36	4 9	23 1	0 18	21 43	1 34	24 4	0 37	20 50	0 41	0 51	2 30	18 48	0 39	21 39	0 37	4 24	14 18	4 57	4 41	13 53	8 34	5 39
T 30	23n14	24s 9	4s44	23n18	0s 6	21n28	1n34	24n 5	0n38	20s50	0n41	0s52	2n29	18s48	0s39	21n39	0s37	4s24	14n18	5s 0	4s42	13n56	8n32	5s39

Julian Day Number = 2358924.5, Delta T = 14.98 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'00, Lahiri = 20°19'01Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

JULY 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 32	8♋52'05	11♐39	27♊36	2♌21	28♊26	6°R49	8♎ 0	8°R27	18♋ 7	21°R46	17°R14	18♓ 4	28♈16	23♌ 7	F 1
S 2	18 39 28	9°49'15	26° 2	29°39	3°34	29° 6	6♐44	8° 2	8♒25	18° 9	21♏45	17♓ 4	18° 1	28°23	23°14	S 2
S 3	18 43 25	10°46'25	10♑14	1♋43	4°47	29°47	6°38	8° 4	8°23	18°11	21°44	16°54	17°58	28°29	23°21	S 3
M 4	18 47 21	11°43'35	24° 7	3°49	6° 0	0♋27	6°33	8° 6	8°21	18°13	21°43	16°44	17°55	28°36	23°28	M 4
T 5	18 51 18	12°40'46	7♒39	5°57	7°13	1° 7	6°28	8° 9	8°19	18°15	21°43	16°37	17°52	28°43	23°35	T 5
W 6	18 55 14	13°37'56	20°48	8° 5	8°25	1°47	6°24	8°11	8°17	18°18	21°42	16°32	17°49	28°49	23°42	W 6
T 7	18 59 11	14°35'07	3♓35	10°14	9°38	2°27	6°19	8°14	8°15	18°20	21°41	16°29	17°45	28°56	23°49	T 7
F 8	19 3 8	15°32'19	16° 1	12°23	10°51	3° 7	6°14	8°16	8°13	18°22	21°40	16°D28	17°42	29° 3	23°56	F 8
S 9	19 7 4	16°29'30	28°11	14°33	12° 4	3°48	6°10	8°19	8°11	18°24	21°39	16°28	17°39	29° 9	24° 3	S 9
S 10	19 11 1	17°26'43	10♈ 9	16°42	13°16	4°28	6° 6	8°22	8° 9	18°27	21°39	16°29	17°36	29°16	24°10	S 10
M11	19 14 57	18°23'55	22° 0	18°51	14°29	5° 8	6° 2	8°25	8° 6	18°29	21°38	16°R29	17°33	29°23	24°17	M11
T 12	19 18 54	19°21'09	3♉51	20°59	15°42	5°47	5°58	8°28	8° 4	18°31	21°37	16°28	17°30	29°29	24°25	T 12
W13	19 22 50	20°18'23	15°45	23° 6	16°54	6°27	5°54	8°31	8° 2	18°33	21°37	16°25	17°26	29°36	24°32	W13
T 14	19 26 47	21°15'38	27°47	25°13	18° 7	7° 7	5°51	8°34	8° 0	18°35	21°36	16°20	17°23	29°43	24°40	T 14
F 15	19 30 43	22°12'53	10♊ 1	27°18	19°20	7°47	5°47	8°38	7°57	18°38	21°35	16°12	17°20	29°50	24°47	F 15
S 16	19 34 40	23°10'09	22°31	29°21	20°32	8°27	5°44	8°41	7°55	18°40	21°35	16° 4	17°17	29°56	24°54	S 16
S 17	19 38 37	24° 7'26	5♋16	1♌24	21°45	9° 7	5°41	8°44	7°53	18°42	21°34	15°55	17°14	0♉ 3	25° 2	S 17
M18	19 42 33	25° 4'44	18°18	3°24	22°57	9°46	5°38	8°48	7°51	18°44	21°34	15°46	17°10	0°10	25°10	M18
T 19	19 46 30	26° 2'02	1♌36	5°24	24°10	10°26	5°36	8°52	7°48	18°47	21°33	15°38	17° 7	0°16	25°17	T 19
W20	19 50 26	26°59'20	15° 8	7°21	25°22	11° 6	5°33	8°55	7°46	18°49	21°33	15°33	17° 4	0°23	25°25	W20
T 21	19 54 23	27°56'39	28°52	9°17	26°35	11°45	5°31	8°59	7°44	18°51	21°32	15°30	17° 1	0°30	25°33	T 21
F 22	19 58 19	28°53'58	12♍45	11°11	27°47	12°25	5°29	9° 3	7°41	18°53	21°32	15°D28	16°58	0°36	25°40	F 22
S 23	20 2 16	29°51'18	26°45	13° 4	29° 0	13° 4	5°27	9° 7	7°39	18°55	21°32	15°29	16°55	0°43	25°48	S 23
S 24	20 6 12	0♌48'39	10♎51	14°55	0♍12	13°44	5°25	9°11	7°36	18°58	21°31	15°30	16°51	0°50	25°56	S 24
M25	20 10 9	1°45'59	25° 0	16°44	1°24	14°23	5°23	9°15	7°34	19° 0	21°31	15°R31	16°48	0°56	26° 4	M25
T 26	20 14 6	2°43'21	9♏11	18°31	2°37	15° 2	5°22	9°19	7°32	19° 2	21°31	15°31	16°45	1° 3	26°12	T 26
W27	20 18 2	3°40'42	23°22	20°17	3°49	15°42	5°21	9°24	7°29	19° 4	21°31	15°29	16°42	1°10	26°20	W27
T 28	20 21 59	4°38'05	7♐32	22° 1	5° 1	16°21	5°20	9°28	7°27	19° 6	21°30	15°26	16°39	1°16	26°27	T 28
F 29	20 25 55	5°35'28	21°36	23°44	6°13	17° 0	5°19	9°32	7°25	19° 8	21°30	15°21	16°36	1°23	26°35	F 29
S 30	20 29 52	6°32'52	5♑33	25°24	7°25	17°40	5°18	9°37	7°22	19°11	21°30	15°15	16°32	1°30	26°43	S 30
S 31	20 33 48	7♌30'16	19♑18	27♌ 3	8♍38	18♋19	5♐18	9♎42	7♒20	19♋13	21♏30	15♓ 9	16♓29	1♉36	26♌51	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	23n11	27s11	5s 1	23n32	0n 5	21n12	1n35	24n 6	0n38	20s49	0n40	0s53	2n29	18s49	0s39	21n39	0s37	4s24	14n17	5s 3	4s43	13n59	8n30	5s38
S 2	23 7	28 24	4 59	23 45	0 16	20 56	1 36	24 7	0 39	20 48	0 40	0 54	2 29	18 49	0 39	21 38	0 37	4 25	14 17	5 7	4 45	14 2	8 29	5 37
S 3	23 2	27 42	4 38	23 55	0 27	20 39	1 36	24 8	0 39	20 48	0 40	0 56	2 29	18 50	0 39	21 38	0 37	4 25	14 17	5 11	4 46	14 5	8 27	5 37
M 4	22 57	25 16	4 1	24 2	0 37	20 22	1 37	24 8	0 40	20 47	0 40	0 57	2 28	18 50	0 39	21 38	0 37	4 25	14 16	5 15	4 47	14 8	8 25	5 36
T 5	22 52	21 28	3 11	24 7	0 47	20 4	1 37	24 8	0 40	20 46	0 40	0 58	2 28	18 51	0 39	21 37	0 37	4 25	14 16	5 17	4 48	14 11	8 23	5 36
W 6	22 47	16 40	2 12	24 9	0 56	19 45	1 37	24 8	0 41	20 46	0 39	0 59	2 28	18 51	0 39	21 37	0 37	4 25	14 15	5 20	4 49	14 14	8 22	5 35
T 7	22 41	11 16	1 8	24 9	1 4	19 26	1 38	24 8	0 41	20 45	0 39	1 0	2 28	18 52	0 40	21 37	0 37	4 26	14 15	5 21	4 51	14 17	8 20	5 35
F 8	22 34	5 34	0 2	24 5	1 12	19 6	1 38	24 8	0 42	20 44	0 39	1 2	2 28	18 52	0 40	21 37	0 37	4 26	14 14	5 21	4 52	14 20	8 18	5 34
S 9	22 27	0n14	1n 2	23 59	1 19	18 46	1 38	24 7	0 42	20 44	0 39	1 3	2 27	18 53	0 40	21 36	0 36	4 26	14 14	5 21	4 53	14 23	8 16	5 34
S 10	22 20	5 55	2 3	23 50	1 25	18 26	1 38	24 7	0 43	20 43	0 39	1 4	2 27	18 54	0 40	21 36	0 36	4 26	14 13	5 20	4 54	14 26	8 14	5 33
M11	22 13	11 20	2 58	23 39	1 31	18 4	1 38	24 6	0 43	20 43	0 38	1 6	2 27	18 54	0 40	21 36	0 36	4 27	14 13	5 20	4 56	14 29	8 12	5 33
T 12	22 5	16 21	3 46	23 24	1 36	17 43	1 38	24 5	0 44	20 42	0 38	1 7	2 27	18 55	0 40	21 35	0 36	4 27	14 12	5 21	4 57	14 32	8 10	5 32
W13	21 56	20 47	4 24	23 8	1 40	17 21	1 38	24 3	0 44	20 42	0 38	1 8	2 26	18 55	0 40	21 35	0 36	4 27	14 12	5 22	4 58	14 35	8 9	5 32
T 14	21 48	24 24	4 50	22 49	1 43	16 58	1 38	24 2	0 45	20 42	0 38	1 10	2 26	18 56	0 40	21 35	0 36	4 28	14 11	5 24	4 59	14 38	8 7	5 31
F 15	21 38	27 0	5 4	22 27	1 45	16 35	1 37	24 0	0 45	20 41	0 38	1 11	2 26	18 57	0 40	21 35	0 36	4 28	14 11	5 27	5 1	14 41	8 5	5 31
S 16	21 29	28 19	5 4	22 4	1 47	16 12	1 37	23 58	0 46	20 41	0 37	1 13	2 26	18 57	0 40	21 34	0 36	4 28	14 10	5 30	5 2	14 44	8 3	5 31
S 17	21 19	28 11	4 49	21 38	1 48	15 48	1 36	23 56	0 46	20 40	0 37	1 15	2 25	18 58	0 40	21 34	0 36	4 29	14 10	5 34	5 3	14 47	8 0	5 30
M18	21 9	26 29	4 18	21 11	1 49	15 24	1 36	23 53	0 47	20 40	0 37	1 16	2 25	18 58	0 40	21 34	0 36	4 29	14 9	5 37	5 4	14 50	7 58	5 30
T 19	20 58	23 18	3 34	20 42	1 48	14 59	1 35	23 51	0 47	20 40	0 37	1 18	2 25	18 59	0 40	21 33	0 36	4 29	14 9	5 40	5 6	14 53	7 56	5 29
W20	20 47	18 48	2 36	20 11	1 47	14 34	1 34	23 48	0 48	20 40	0 37	1 19	2 25	19 0	0 40	21 33	0 36	4 30	14 8	5 42	5 7	14 56	7 54	5 29
T 21	20 36	13 16	1 28	19 39	1 46	14 8	1 34	23 45	0 48	20 40	0 36	1 21	2 25	19 0	0 40	21 33	0 36	4 30	14 8	5 44	5 8	14 59	7 52	5 28
F 22	20 25	7 1	0 15	19 6	1 44	13 43	1 33	23 42	0 49	20 39	0 36	1 23	2 24	19 1	0 40	21 32	0 36	4 31	14 7	5 44	5 9	15 2	7 50	5 28
S 23	20 13	0 22	1s 1	18 32	1 41	13 17	1 32	23 39	0 49	20 39	0 36	1 25	2 24	19 2	0 40	21 32	0 36	4 31	14 7	5 44	5 11	15 5	7 48	5 28
S 24	20 0	6s20	2 13	17 56	1 38	12 50	1 31	23 35	0 50	20 39	0 36	1 26	2 24	19 2	0 40	21 32	0 36	4 31	14 6	5 43	5 12	15 8	7 45	5 27
M25	19 48	12 45	3 17	17 20	1 34	12 23	1 30	23 32	0 50	20 39	0 35	1 28	2 24	19 3	0 40	21 32	0 36	4 32	14 6	5 43	5 13	15 11	7 43	5 27
T 26	19 35	18 31	4 10	16 43	1 30	11 56	1 29	23 28	0 50	20 39	0 35	1 30	2 24	19 3	0 40	21 31	0 36	4 32	14 5	5 43	5 14	15 14	7 41	5 26
W27	19 22	23 16	4 47	16 5	1 25	11 29	1 27	23 24	0 51	20 39	0 35	1 32	2 23	19 4	0 40	21 31	0 36	4 33	14 5	5 44	5 16	15 17	7 39	5 26
T 28	19 8	26 38	5 7	15 27	1 20	11 1	1 26	23 19	0 51	20 39	0 35	1 34	2 23	19 5	0 40	21 31	0 36	4 33	14 4	5 45	5 17	15 19	7 36	5 26
F 29	18 54	28 20	5 8	14 48	1 14	10 33	1 25	23 15	0 52	20 39	0 35	1 36	2 23	19 5	0 40	21 30	0 36	4 34	14 4	5 47	5 18	15 22	7 34	5 25
S 30	18 40	28 12	4 51	14 8	1 8	10 5	1 23	23 10	0 52	20 39	0 34	1 38	2 23	19 6	0 40	21 30	0 36	4 34	14 3	5 49	5 19	15 25	7 32	5 25
S 31	18n25	26s19	4s17	13n29	1n 2	9n36	1n22	23n 6	0n53	20s39	0n34	1s40	2n23	19s 6	0s40	21n30	0s36	4s35	14n 3	5s51	5s20	15n28	7n29	5s25

Julian Day Number = 2358954.5, Delta T = 15.00 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'04, Lahiri = 20°19'05Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

AUGUST 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 45	8♌27'42	2♒48	28♌41	9♍50	18♋58	5°R17	9♎46	7°R17	19♋15	21°R30	15°R 4	16♓26	1♉43	27♌ 0	M 1
T 2	20 41 42	9°25'08	16° 2	0♍17	11° 2	19°37	5°D17	9°51	7♒15	19°17	21°D30	15♓ 0	16°23	1°50	27° 8	T 2
W 3	20 45 38	10°22'35	28°57	1°51	12°14	20°16	5♐17	9°56	7°13	19°19	21♏30	14°57	16°20	1°57	27°16	W 3
T 4	20 49 35	11°20'03	11♓35	3°23	13°26	20°55	5°17	10° 1	7°10	19°21	21°30	14°D56	16°16	2° 3	27°24	T 4
F 5	20 53 31	12°17'33	23°57	4°54	14°38	21°34	5°18	10° 5	7° 8	19°23	21°30	14°56	16°13	2°10	27°32	F 5
S 6	20 57 28	13°15'04	6♈ 4	6°23	15°49	22°13	5°19	10°10	7° 5	19°25	21°30	14°57	16°10	2°17	27°40	S 6
S 7	21 1 24	14°12'36	18° 2	7°51	17° 1	22°52	5°19	10°16	7° 3	19°27	21°31	14°59	16° 7	2°23	27°48	S 7
M 8	21 5 21	15°10'09	29°54	9°16	18°13	23°31	5°20	10°21	7° 1	19°30	21°31	15° 0	16° 4	2°30	27°56	M 8
T 9	21 9 17	16° 7'44	11♉46	10°40	19°25	24°10	5°21	10°26	6°58	19°32	21°31	15°R 1	16° 1	2°37	28° 5	T 9
W10	21 13 14	17° 5'20	23°41	12° 3	20°37	24°49	5°23	10°31	6°56	19°34	21°31	15° 1	15°57	2°43	28°13	W10
T 11	21 17 10	18° 2'58	5♊44	13°23	21°48	25°28	5°24	10°36	6°54	19°36	21°32	15° 0	15°54	2°50	28°21	T 11
F 12	21 21 7	19° 0'38	18° 1	14°42	23° 0	26° 6	5°26	10°42	6°51	19°38	21°32	14°58	15°51	2°57	28°29	F 12
S 13	21 25 4	19°58'19	0♋34	15°59	24°12	26°45	5°28	10°47	6°49	19°40	21°32	14°54	15°48	3° 3	28°38	S 13
S 14	21 29 0	20°56'02	13°27	17°14	25°23	27°24	5°30	10°53	6°47	19°42	21°33	14°51	15°45	3°10	28°46	S 14
M15	21 32 57	21°53'46	26°41	18°27	26°35	28° 3	5°32	10°58	6°44	19°44	21°33	14°47	15°42	3°17	28°54	M15
T 16	21 36 53	22°51'31	10♌15	19°37	27°46	28°41	5°35	11° 4	6°42	19°45	21°33	14°44	15°38	3°23	29° 3	T 16
W17	21 40 50	23°49'18	24° 8	20°46	28°58	29°20	5°37	11°10	6°40	19°47	21°34	14°42	15°35	3°30	29°11	W17
T 18	21 44 46	24°47'07	8♍17	21°53	0♎ 9	29°58	5°40	11°16	6°38	19°49	21°35	14°D41	15°32	3°37	29°19	T 18
F 19	21 48 43	25°44'56	22°36	22°57	1°21	0♌37	5°43	11°21	6°35	19°51	21°35	14°41	15°29	3°43	29°28	F 19
S 20	21 52 39	26°42'47	7♎ 2	23°59	2°32	1°15	5°46	11°27	6°33	19°53	21°36	14°42	15°26	3°50	29°36	S 20
S 21	21 56 36	27°40'39	21°29	24°58	3°43	1°54	5°50	11°33	6°31	19°55	21°36	14°43	15°22	3°57	29°45	S 21
M22	22 0 33	28°38'33	5♏53	25°54	4°54	2°32	5°53	11°39	6°29	19°57	21°37	14°44	15°19	4° 4	29°53	M22
T 23	22 4 29	29°36'28	20°11	26°48	6° 6	3°11	5°57	11°45	6°27	19°59	21°38	14°45	15°16	4°10	0♍ 1	T 23
W24	22 8 26	0♍34'24	4♐20	27°38	7°17	3°49	6° 1	11°51	6°25	20° 0	21°38	14°R45	15°13	4°17	0°10	W24
T 25	22 12 22	1°32'21	18°18	28°26	8°28	4°27	6° 5	11°57	6°22	20° 2	21°39	14°45	15°10	4°24	0°18	T 25
F 26	22 16 19	2°30'20	2♑ 4	29°10	9°39	5° 6	6° 9	12° 4	6°20	20° 4	21°40	14°44	15° 7	4°30	0°26	F 26
S 27	22 20 15	3°28'20	15°37	29°50	10°50	5°44	6°13	12°10	6°18	20° 6	21°41	14°42	15° 3	4°37	0°35	S 27
S 28	22 24 12	4°26'22	28°56	0♎26	12° 1	6°22	6°18	12°16	6°16	20° 7	21°42	14°41	15° 0	4°44	0°43	S 28
M29	22 28 8	5°24'24	12♒ 1	0°59	13°12	7° 0	6°22	12°22	6°14	20° 9	21°43	14°40	14°57	4°50	0°52	M29
T 30	22 32 5	6°22'29	24°53	1°27	14°22	7°38	6°27	12°29	6°12	20°11	21°43	14°39	14°54	4°57	1° 0	T 30
W31	22 36 2	7♍20'35	7♓30	1♎50	15♎33	8♌17	6♐32	12♎35	6♒10	20♋12	21♏44	14♓39	14♓51	5♉ 4	1♍ 8	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	18n10	22s57	3s29	12n49	0n55	9n 8	1n20	23n 1	0n53	20s39	0n34	1s42	2n22	19s 7	0s40	21n29	0s36	4s35	14n 2	5s54	5s22	15n31	7n27	5s24
T 2	17 55	18 27	2 31	12 8	0 48	8 39	1 18	22 55	0 54	20 40	0 34	1 44	2 22	19 8	0 40	21 29	0 36	4 36	14 2	5 55	5 23	15 34	7 24	5 24
W 3	17 40	13 12	1 26	11 28	0 41	8 10	1 16	22 50	0 54	20 40	0 34	1 46	2 22	19 8	0 40	21 29	0 36	4 36	14 1	5 56	5 24	15 37	7 22	5 24
T 4	17 24	7 31	0 18	10 48	0 33	7 40	1 14	22 45	0 55	20 40	0 33	1 48	2 22	19 9	0 40	21 29	0 36	4 37	14 1	5 57	5 25	15 40	7 20	5 23
F 5	17 8	1 39	0n49	10 7	0 25	7 11	1 13	22 39	0 55	20 40	0 33	1 50	2 22	19 10	0 40	21 28	0 36	4 37	14 0	5 57	5 27	15 43	7 17	5 23
S 6	16 52	4n 9	1 53	9 27	0 17	6 41	1 11	22 33	0 56	20 41	0 33	1 52	2 21	19 10	0 40	21 28	0 36	4 38	13 59	5 56	5 28	15 46	7 15	5 23
S 7	16 35	9 43	2 51	8 46	0 9	6 11	1 8	22 27	0 56	20 41	0 33	1 54	2 21	19 11	0 40	21 28	0 36	4 39	13 59	5 55	5 29	15 49	7 12	5 23
M 8	16 19	14 55	3 42	8 6	0s 0	5 41	1 6	22 21	0 56	20 41	0 33	1 56	2 21	19 11	0 40	21 27	0 36	4 39	13 58	5 55	5 30	15 52	7 10	5 22
T 9	16 2	19 33	4 23	7 26	0 9	5 11	1 4	22 15	0 57	20 42	0 32	1 59	2 21	19 12	0 40	21 27	0 36	4 40	13 58	5 55	5 32	15 55	7 7	5 22
W10	15 44	23 26	4 52	6 47	0 18	4 40	1 2	22 8	0 57	20 42	0 32	2 1	2 21	19 13	0 40	21 27	0 36	4 40	13 57	5 55	5 33	15 57	7 4	5 22
T 11	15 27	26 22	5 10	6 7	0 27	4 10	0 59	22 2	0 58	20 43	0 32	2 3	2 21	19 13	0 40	21 27	0 36	4 41	13 57	5 55	5 34	16 0	7 2	5 22
F 12	15 9	28 8	5 13	5 28	0 36	3 39	0 57	21 55	0 58	20 43	0 32	2 5	2 20	19 14	0 40	21 26	0 36	4 41	13 56	5 56	5 35	16 3	6 59	5 21
S 13	14 51	28 31	5 2	4 50	0 46	3 9	0 54	21 48	0 59	20 44	0 31	2 8	2 20	19 14	0 40	21 26	0 36	4 42	13 56	5 57	5 37	16 6	6 57	5 21
S 14	14 32	27 22	4 36	4 12	0 56	2 38	0 52	21 41	0 59	20 44	0 31	2 10	2 20	19 15	0 40	21 26	0 36	4 43	13 55	5 59	5 38	16 9	6 54	5 21
M15	14 14	24 41	3 54	3 35	1 5	2 7	0 49	21 33	1 0	20 45	0 31	2 12	2 20	19 15	0 40	21 25	0 36	4 43	13 55	6 0	5 39	16 12	6 51	5 21
T 16	13 55	20 34	2 58	2 58	1 15	1 36	0 47	21 26	1 0	20 46	0 31	2 15	2 20	19 16	0 40	21 25	0 36	4 44	13 54	6 1	5 40	16 15	6 49	5 20
W17	13 36	15 14	1 51	2 22	1 25	1 5	0 44	21 18	1 0	20 46	0 31	2 17	2 20	19 17	0 40	21 25	0 36	4 45	13 54	6 2	5 41	16 18	6 46	5 20
T 18	13 17	9 1	0 35	1 46	1 35	0 34	0 41	21 11	1 1	20 47	0 30	2 19	2 19	19 17	0 40	21 25	0 36	4 45	13 53	6 2	5 43	16 20	6 43	5 20
F 19	12 57	2 16	0s44	1 12	1 45	0 3	0 38	21 3	1 1	20 48	0 30	2 22	2 19	19 18	0 40	21 24	0 36	4 46	13 52	6 2	5 44	16 23	6 41	5 20
S 20	12 38	4s38	2 0	0 38	1 55	0s28	0 35	20 55	1 2	20 48	0 30	2 24	2 19	19 18	0 40	21 24	0 36	4 47	13 52	6 2	5 45	16 26	6 38	5 20
S 21	12 18	11 19	3 9	0 6	2 5	0 59	0 32	20 47	1 2	20 49	0 30	2 27	2 19	19 19	0 40	21 24	0 36	4 47	13 51	6 2	5 46	16 29	6 35	5 19
M22	11 58	17 22	4 6	0s26	2 15	1 30	0 29	20 38	1 3	20 50	0 30	2 29	2 19	19 19	0 40	21 23	0 36	4 48	13 51	6 1	5 48	16 32	6 33	5 19
T 23	11 38	22 26	4 48	0 56	2 25	2 2	0 26	20 30	1 3	20 51	0 29	2 32	2 19	19 20	0 40	21 23	0 36	4 49	13 50	6 1	5 49	16 35	6 30	5 19
W24	11 17	26 8	5 11	1 25	2 34	2 33	0 23	20 21	1 3	20 52	0 29	2 34	2 19	19 20	0 40	21 23	0 36	4 49	13 50	6 1	5 50	16 38	6 27	5 19
T 25	10 57	28 12	5 16	1 53	2 44	3 4	0 20	20 12	1 4	20 53	0 29	2 37	2 18	19 21	0 40	21 23	0 36	4 50	13 49	6 1	5 51	16 40	6 24	5 19
F 26	10 36	28 29	5 2	2 19	2 54	3 35	0 16	20 4	1 4	20 53	0 29	2 39	2 18	19 21	0 40	21 22	0 36	4 51	13 49	6 1	5 53	16 43	6 22	5 19
S 27	10 15	27 3	4 32	2 44	3 3	4 6	0 13	19 55	1 5	20 54	0 29	2 42	2 18	19 22	0 40	21 22	0 36	4 51	13 48	6 2	5 54	16 46	6 19	5 19
S 28	9 54	24 6	3 47	3 6	3 12	4 36	0 10	19 45	1 5	20 55	0 28	2 44	2 18	19 22	0 40	21 22	0 36	4 52	13 48	6 2	5 55	16 49	6 16	5 18
M29	9 33	19 57	2 51	3 27	3 20	5 7	0 6	19 36	1 5	20 56	0 28	2 47	2 18	19 23	0 40	21 22	0 36	4 53	13 47	6 3	5 56	16 52	6 13	5 18
T 30	9 11	14 56	1 47	3 46	3 29	5 38	0 3	19 27	1 6	20 57	0 28	2 49	2 18	19 23	0 40	21 21	0 36	4 54	13 47	6 3	5 57	16 54	6 10	5 18
W31	8n50	9s23	0s39	4s 2	3s37	6s 9	0s 1	19n17	1n 6	20s58	0n28	2s52	2n18	19s24	0s40	21n21	0s36	4s54	13n46	6s 3	5s59	16n57	6n 7	5s18

Julian Day Number = 2358985.5, Delta T = 15.02 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'08, Lahiri = 20°19'09Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

SEPTEMBER 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 58	8♍18'42	19♓55	2♎ 8	16♎44	8♌55	6♐37	12♎42	6°R 8	20♋14	21♏45	14°D38	14♓48	5♉10	1♍17	T 1
F 2	22 43 55	9°16'52	2♈ 8	2°21	17°54	9°33	6°43	12°48	6♒ 7	20°16	21°46	14♓39	14°44	5°17	1°25	F 2
S 3	22 47 51	10°15'03	14°11	2°28	19° 5	10°11	6°48	12°55	6° 5	20°17	21°48	14°39	14°41	5°24	1°33	S 3
S 4	22 51 48	11°13'16	26° 6	2°R30	20°15	10°49	6°54	13° 1	6° 3	20°19	21°49	14°40	14°38	5°31	1°42	S 4
M 5	22 55 44	12°11'32	7♉58	2°25	21°26	11°27	6°59	13° 8	6° 1	20°20	21°50	14°40	14°35	5°37	1°50	M 5
T 6	22 59 41	13° 9'49	19°48	2°15	22°36	12° 4	7° 5	13°14	5°59	20°22	21°51	14°40	14°32	5°44	1°58	T 6
W 7	23 3 37	14° 8'08	1♊43	1°57	23°46	12°42	7°11	13°21	5°58	20°23	21°52	14°40	14°28	5°51	2° 7	W 7
T 8	23 7 34	15° 6'30	13°45	1°33	24°57	13°20	7°18	13°28	5°56	20°25	21°53	14°40	14°25	5°57	2°15	T 8
F 9	23 11 31	16° 4'53	26° 0	1° 2	26° 7	13°58	7°24	13°35	5°54	20°26	21°54	14°40	14°22	6° 4	2°23	F 9
S 10	23 15 27	17° 3'19	8♋31	0°25	27°17	14°36	7°31	13°41	5°53	20°28	21°56	14°40	14°19	6°11	2°31	S 10
S 11	23 19 24	18° 1'47	21°24	29♍42	28°27	15°14	7°37	13°48	5°51	20°29	21°57	14°41	14°16	6°17	2°40	S 11
M12	23 23 20	19° 0'17	4♌40	28°52	29°37	15°51	7°44	13°55	5°50	20°30	21°58	14°41	14°13	6°24	2°48	M12
T 13	23 27 17	19°58'49	18°21	27°58	0♏47	16°29	7°51	14° 2	5°48	20°32	22° 0	14°41	14° 9	6°31	2°56	T 13
W14	23 31 13	20°57'24	2♍26	26°59	1°57	17° 7	7°58	14° 9	5°47	20°33	22° 1	14°42	14° 6	6°37	3° 4	W14
T 15	23 35 10	21°56'00	16°52	25°57	3° 6	17°44	8° 5	14°16	5°45	20°34	22° 3	14°R42	14° 3	6°44	3°12	T 15
F 16	23 39 6	22°54'38	1♎35	24°54	4°16	18°22	8°13	14°23	5°44	20°36	22° 4	14°42	14° 0	6°51	3°21	F 16
S 17	23 43 3	23°53'18	16°27	23°50	5°26	18°59	8°20	14°30	5°42	20°37	22° 5	14°41	13°57	6°58	3°29	S 17
S 18	23 47 0	24°52'00	1♏20	22°46	6°35	19°37	8°28	14°37	5°41	20°38	22° 7	14°40	13°53	7° 4	3°37	S 18
M19	23 50 56	25°50'43	16° 7	21°46	7°45	20°14	8°36	14°44	5°40	20°39	22° 8	14°39	13°50	7°11	3°45	M19
T 20	23 54 53	26°49'29	0♐41	20°50	8°54	20°52	8°44	14°51	5°39	20°40	22°10	14°37	13°47	7°18	3°53	T 20
W21	23 58 49	27°48'16	14°58	19°59	10° 3	21°29	8°52	14°58	5°37	20°41	22°12	14°37	13°44	7°24	4° 1	W21
T 22	0 2 46	28°47'05	28°56	19°16	11°12	22° 7	9° 0	15° 5	5°36	20°42	22°13	14°D36	13°41	7°31	4° 9	T 22
F 23	0 6 42	29°45'56	12♑33	18°41	12°21	22°44	9° 8	15°12	5°35	20°43	22°15	14°37	13°38	7°38	4°17	F 23
S 24	0 10 39	0♎44'48	25°52	18°15	13°30	23°21	9°17	15°20	5°34	20°44	22°17	14°38	13°34	7°44	4°25	S 24
S 25	0 14 35	1°43'42	8♒52	17°58	14°39	23°58	9°25	15°27	5°33	20°45	22°18	14°39	13°31	7°51	4°33	S 25
M26	0 18 32	2°42'38	21°37	17°D52	15°48	24°36	9°34	15°34	5°32	20°46	22°20	14°40	13°28	7°58	4°40	M26
T 27	0 22 29	3°41'36	4♓ 8	17°56	16°57	25°13	9°43	15°41	5°31	20°47	22°22	14°41	13°25	8° 5	4°48	T 27
W28	0 26 25	4°40'35	16°28	18°11	18° 5	25°50	9°52	15°48	5°30	20°48	22°23	14°R42	13°22	8°11	4°56	W28
T 29	0 30 22	5°39'37	28°39	18°35	19°14	26°27	10° 1	15°56	5°29	20°49	22°25	14°41	13°19	8°18	5° 4	T 29
F 30	0 34 18	6♎38'40	10♈42	19♍ 9	20♏22	27♌ 4	10♐10	16♎ 3	5♒29	20♋50	22♏27	14♓39	13♓15	8♉25	5♍11	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	8n28	3s33	0n29	4s16	3s44	6s39	0s 4	19n 8	1n 7	21s 0	0n28	2s55	2n18	19s24	0s40	21n21	0s36	4s55	13n46	6s 3	6s 0	17n 0	6n 5	5s18	T 1
F 2	8 6	2n18	1 35	4 28	3 51	7 9	0 8	18 58	1 7	21 1	0 28	2 57	2 17	19 25	0 40	21 21	0 36	4 56	13 45	6 3	6 1	17 3	6 2	5 18	F 2
S 3	7 44	8 0	2 37	4 36	3 57	7 40	0 11	18 48	1 7	21 2	0 27	3 0	2 17	19 25	0 40	21 20	0 36	4 56	13 45	6 3	6 2	17 6	5 59	5 18	S 3
S 4	7 22	13 21	3 30	4 42	4 2	8 10	0 15	18 38	1 8	21 3	0 27	3 2	2 17	19 26	0 40	21 20	0 36	4 57	13 44	6 3	6 4	17 8	5 56	5 18	S 4
M 5	7 0	18 12	4 15	4 44	4 6	8 40	0 19	18 28	1 8	21 4	0 27	3 5	2 17	19 26	0 40	21 20	0 36	4 58	13 44	6 3	6 5	17 11	5 53	5 18	M 5
T 6	6 38	22 20	4 48	4 42	4 9	9 9	0 23	18 18	1 9	21 5	0 27	3 8	2 17	19 27	0 40	21 20	0 36	4 59	13 43	6 3	6 6	17 14	5 50	5 18	T 6
W 7	6 15	25 35	5 9	4 37	4 11	9 39	0 26	18 7	1 9	21 6	0 27	3 10	2 17	19 27	0 40	21 20	0 36	4 59	13 43	6 3	6 7	17 17	5 47	5 18	W 7
T 8	5 53	27 44	5 17	4 28	4 12	10 8	0 30	17 57	1 9	21 8	0 26	3 13	2 17	19 27	0 40	21 19	0 36	5 0	13 42	6 3	6 8	17 20	5 45	5 18	T 8
F 9	5 30	28 36	5 11	4 15	4 11	10 37	0 34	17 46	1 10	21 9	0 26	3 16	2 17	19 28	0 40	21 19	0 36	5 1	13 42	6 3	6 10	17 22	5 42	5 18	F 9
S 10	5 7	28 2	4 50	3 58	4 9	11 6	0 38	17 36	1 10	21 10	0 26	3 19	2 17	19 28	0 40	21 19	0 36	5 2	13 41	6 3	6 11	17 25	5 39	5 18	S 10
S 11	4 44	25 57	4 15	3 37	4 5	11 35	0 42	17 25	1 11	21 11	0 26	3 21	2 17	19 28	0 39	21 19	0 36	5 3	13 41	6 3	6 12	17 28	5 36	5 18	S 11
M12	4 21	22 26	3 24	3 12	3 59	12 4	0 45	17 14	1 11	21 13	0 26	3 24	2 17	19 29	0 39	21 18	0 36	5 3	13 40	6 2	6 13	17 31	5 33	5 18	M12
T 13	3 58	17 35	2 21	2 43	3 51	12 32	0 49	17 3	1 11	21 14	0 26	3 27	2 16	19 29	0 39	21 18	0 36	5 4	13 40	6 2	6 15	17 33	5 30	5 18	T 13
W14	3 35	11 40	1 8	2 11	3 41	13 0	0 53	16 52	1 12	21 15	0 25	3 30	2 16	19 30	0 39	21 18	0 36	5 5	13 39	6 2	6 16	17 36	5 27	5 18	W14
T 15	3 12	5 0	0s12	1 36	3 30	13 28	0 57	16 41	1 12	21 16	0 25	3 32	2 16	19 30	0 39	21 18	0 36	5 6	13 39	6 2	6 17	17 39	5 24	5 18	T 15
F 16	2 49	2s 2	1 32	0 58	3 16	13 55	1 1	16 30	1 13	21 18	0 25	3 35	2 16	19 30	0 39	21 18	0 36	5 7	13 38	6 2	6 18	17 42	5 21	5 18	F 16
S 17	2 26	9 3	2 47	0 19	3 1	14 22	1 5	16 18	1 13	21 19	0 25	3 38	2 16	19 31	0 39	21 17	0 36	5 7	13 38	6 2	6 20	17 44	5 18	5 18	S 17
S 18	2 3	15 33	3 50	0n22	2 44	14 49	1 9	16 7	1 13	21 21	0 25	3 41	2 16	19 31	0 39	21 17	0 36	5 8	13 37	6 3	6 21	17 47	5 16	5 18	S 18
M19	1 39	21 7	4 38	1 2	2 26	15 16	1 13	15 55	1 14	21 22	0 25	3 43	2 16	19 31	0 39	21 17	0 36	5 9	13 37	6 3	6 22	17 50	5 13	5 18	M19
T 20	1 16	25 20	5 7	1 42	2 7	15 42	1 17	15 44	1 14	21 23	0 24	3 46	2 16	19 31	0 39	21 17	0 36	5 10	13 37	6 4	6 23	17 53	5 10	5 18	T 20
W21	0 52	27 52	5 16	2 20	1 47	16 8	1 21	15 32	1 14	21 25	0 24	3 49	2 16	19 32	0 39	21 17	0 36	5 11	13 36	6 4	6 24	17 55	5 7	5 18	W21
T 22	0 29	28 35	5 7	2 55	1 27	16 33	1 25	15 20	1 15	21 26	0 24	3 52	2 16	19 32	0 39	21 17	0 36	5 11	13 36	6 4	6 26	17 58	5 4	5 18	T 22
F 23	0 6	27 31	4 40	3 28	1 7	16 58	1 29	15 9	1 15	21 28	0 24	3 55	2 16	19 32	0 39	21 16	0 37	5 12	13 35	6 4	6 27	18 1	5 1	5 18	F 23
S 24	0s18	24 54	3 58	3 56	0 47	17 23	1 32	14 57	1 16	21 29	0 24	3 57	2 16	19 32	0 39	21 16	0 37	5 13	13 35	6 4	6 28	18 3	4 58	5 18	S 24
S 25	0 41	21 3	3 5	4 20	0 28	17 48	1 36	14 45	1 16	21 31	0 24	4 0	2 16	19 33	0 39	21 16	0 37	5 14	13 34	6 3	6 29	18 6	4 55	5 18	S 25
M26	1 5	16 17	2 4	4 40	0 9	18 12	1 40	14 32	1 16	21 32	0 23	4 3	2 16	19 33	0 39	21 16	0 37	5 15	13 34	6 3	6 31	18 9	4 52	5 18	M26
T 27	1 28	10 54	0 58	4 54	0n 9	18 35	1 44	14 20	1 17	21 33	0 23	4 6	2 16	19 33	0 39	21 16	0 37	5 15	13 34	6 2	6 32	18 11	4 49	5 18	T 27
W28	1 52	5 12	0n10	5 4	0 25	18 58	1 48	14 8	1 17	21 35	0 23	4 9	2 16	19 33	0 39	21 16	0 37	5 16	13 33	6 2	6 33	18 14	4 46	5 18	W28
T 29	2 15	0n38	1 16	5 8	0 40	19 21	1 52	13 56	1 17	21 36	0 23	4 11	2 16	19 33	0 39	21 15	0 37	5 17	13 33	6 2	6 34	18 17	4 43	5 19	T 29
F 30	2s39	6n22	2n18	5n 7	0n54	19s43	1s56	13n43	1n18	21s38	0n23	4s14	2n16	19s34	0s39	21n15	0s37	5s18	13n32	6s 3	6s35	18n20	4n41	5s19	F 30

Julian Day Number = 2359016.5, Delta T = 15.05 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'13, Lahiri = 20°19'13Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

OCTOBER 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 15	7♎37'46	22♈39	19♍52	21♏30	27♌41	10♐19	16♎10	5°R28	20♋51	22♏29	14°R36	13♓12	8♉31	5♍19	S 1
S 2	0 42 11	8°36'53	4♉31	20°44	22°38	28°18	10°29	16°17	5♒27	20°51	22°31	14♓32	13° 9	8°38	5°27	S 2
M 3	0 46 8	9°36'03	16°22	21°43	23°46	28°55	10°38	16°25	5°27	20°52	22°33	14°28	13° 6	8°45	5°34	M 3
T 4	0 50 4	10°35'15	28°13	22°49	24°54	29°32	10°48	16°32	5°26	20°53	22°34	14°24	13° 3	8°51	5°42	T 4
W 5	0 54 1	11°34'30	10♊ 7	24° 1	26° 2	0♍ 9	10°58	16°39	5°26	20°54	22°36	14°20	12°59	8°58	5°49	W 5
T 6	0 57 58	12°33'47	22° 9	25°19	27°10	0°46	11° 7	16°47	5°25	20°54	22°38	14°17	12°56	9° 5	5°57	T 6
F 7	1 1 54	13°33'06	4♋21	26°41	28°17	1°23	11°17	16°54	5°25	20°55	22°40	14°15	12°53	9°11	6° 4	F 7
S 8	1 5 51	14°32'27	16°48	28° 8	29°24	2° 0	11°27	17° 1	5°24	20°55	22°42	14°D15	12°50	9°18	6°12	S 8
S 9	1 9 47	15°31'51	29°34	29°37	0♐32	2°36	11°38	17° 9	5°24	20°56	22°44	14°15	12°47	9°25	6°19	S 9
M10	1 13 44	16°31'17	12♌44	1♎10	1°39	3°13	11°48	17°16	5°24	20°56	22°46	14°17	12°44	9°32	6°26	M10
T 11	1 17 40	17°30'45	26°21	2°46	2°46	3°50	11°58	17°23	5°23	20°57	22°48	14°18	12°40	9°38	6°33	T 11
W12	1 21 37	18°30'16	10♍25	4°23	3°52	4°26	12° 9	17°31	5°23	20°57	22°50	14°R19	12°37	9°45	6°40	W12
T 13	1 25 33	19°29'49	24°55	6° 1	4°59	5° 3	12°19	17°38	5°23	20°58	22°52	14°19	12°34	9°52	6°48	T 13
F 14	1 29 30	20°29'24	9♎48	7°41	6° 5	5°39	12°30	17°45	5°23	20°58	22°54	14°17	12°31	9°58	6°55	F 14
S 15	1 33 26	21°29'01	24°56	9°22	7°12	6°16	12°41	17°53	5°D23	20°58	22°57	14°13	12°28	10° 5	7° 2	S 15
S 16	1 37 23	22°28'40	10♏10	11° 3	8°18	6°52	12°51	18° 0	5°23	20°59	22°59	14° 8	12°25	10°12	7° 8	S 16
M17	1 41 20	23°28'21	25°19	12°45	9°24	7°29	13° 2	18° 7	5°23	20°59	23° 1	14° 2	12°21	10°19	7°15	M17
T 18	1 45 16	24°28'04	10♐14	14°27	10°30	8° 5	13°13	18°15	5°23	20°59	23° 3	13°56	12°18	10°25	7°22	T 18
W19	1 49 13	25°27'49	24°47	16° 9	11°35	8°42	13°24	18°22	5°23	20°59	23° 5	13°51	12°15	10°32	7°29	W19
T 20	1 53 9	26°27'36	8♑54	17°51	12°40	9°18	13°36	18°29	5°23	21° 0	23° 7	13°48	12°12	10°39	7°36	T 20
F 21	1 57 6	27°27'24	22°34	19°33	13°46	9°54	13°47	18°36	5°24	21° 0	23°10	13°D47	12° 9	10°45	7°42	F 21
S 22	2 1 2	28°27'14	5♒48	21°15	14°51	10°30	13°58	18°44	5°24	21° 0	23°12	13°47	12° 5	10°52	7°49	S 22
S 23	2 4 59	29°27'05	18°40	22°56	15°55	11° 7	14°10	18°51	5°24	21° 0	23°14	13°48	12° 2	10°59	7°55	S 23
M24	2 8 56	0♏26'58	1♓13	24°37	17° 0	11°43	14°21	18°58	5°25	21°R 0	23°16	13°49	11°59	11° 5	8° 2	M24
T 25	2 12 52	1°26'53	13°31	26°18	18° 4	12°19	14°33	19° 5	5°25	21° 0	23°19	13°R50	11°56	11°12	8° 8	T 25
W26	2 16 49	2°26'50	25°38	27°58	19° 8	12°55	14°44	19°13	5°26	21° 0	23°21	13°49	11°53	11°19	8°14	W26
T 27	2 20 45	3°26'48	7♈38	29°38	20°12	13°31	14°56	19°20	5°26	21° 0	23°23	13°46	11°50	11°26	8°20	T 27
F 28	2 24 42	4°26'48	19°33	1♏18	21°15	14° 7	15° 8	19°27	5°27	21° 0	23°25	13°41	11°46	11°32	8°27	F 28
S 29	2 28 38	5°26'50	1♉25	2°57	22°19	14°43	15°20	19°34	5°28	21° 0	23°28	13°33	11°43	11°39	8°33	S 29
S 30	2 32 35	6°26'54	13°16	4°35	23°22	15°19	15°32	19°41	5°28	20°59	23°30	13°23	11°40	11°46	8°39	S 30
M31	2 36 31	7♏26'59	25♉ 8	6♏14	24♐24	15♍54	15♐44	19♎48	5♒29	20♋59	23♏32	13♓13	11♓37	11♉52	8♍44	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	3s 2	11n49	3n14	5n 2	1n 6	20s 5	1s59	13n31	1n18	21s39	0n23	4s17	2n16	19s34	0s39	21n15	0s37	5s19	13n32	6s 4	6s37	18n22	4n38	5s19	S 1
S 2	3 25	16 49	4 0	4 52	1 17	20 27	2 3	13 18	1 18	21 41	0 22	4 20	2 16	19 34	0 39	21 15	0 37	5 19	13 32	6 6	6 38	18 25	4 35	5 19	S 2
M 3	3 49	21 10	4 37	4 37	1 27	20 47	2 7	13 6	1 19	21 42	0 22	4 23	2 16	19 34	0 39	21 15	0 37	5 20	13 31	6 7	6 39	18 28	4 32	5 19	M 3
T 4	4 12	24 40	5 1	4 19	1 35	21 8	2 10	12 53	1 19	21 44	0 22	4 25	2 16	19 34	0 39	21 15	0 37	5 21	13 31	6 9	6 40	18 30	4 29	5 19	T 4
W 5	4 35	27 9	5 12	3 56	1 42	21 28	2 14	12 41	1 20	21 45	0 22	4 28	2 16	19 34	0 39	21 15	0 37	5 22	13 30	6 11	6 41	18 33	4 26	5 19	W 5
T 6	4 58	28 24	5 10	3 31	1 48	21 47	2 18	12 28	1 20	21 47	0 22	4 31	2 16	19 34	0 39	21 15	0 37	5 23	13 30	6 12	6 43	18 35	4 23	5 20	T 6
F 7	5 21	28 18	4 54	3 2	1 52	22 6	2 21	12 15	1 20	21 48	0 22	4 34	2 16	19 34	0 39	21 15	0 37	5 23	13 30	6 12	6 44	18 38	4 21	5 20	F 7
S 8	5 44	26 47	4 24	2 30	1 55	22 24	2 25	12 2	1 21	21 50	0 22	4 37	2 16	19 34	0 39	21 14	0 37	5 24	13 29	6 13	6 45	18 41	4 18	5 20	S 8
S 9	6 7	23 52	3 40	1 57	1 57	22 42	2 28	11 49	1 21	21 52	0 21	4 39	2 16	19 35	0 39	21 14	0 37	5 25	13 29	6 12	6 46	18 43	4 15	5 20	S 9
M10	6 30	19 38	2 44	1 21	1 59	23 0	2 32	11 36	1 21	21 53	0 21	4 42	2 16	19 35	0 39	21 14	0 37	5 26	13 29	6 12	6 48	18 46	4 12	5 20	M10
T 11	6 53	14 16	1 37	0 43	1 59	23 16	2 35	11 23	1 22	21 55	0 21	4 45	2 16	19 35	0 39	21 14	0 37	5 27	13 28	6 11	6 49	18 49	4 9	5 20	T 11
W12	7 16	8 0	0 21	0 4	1 59	23 33	2 38	11 10	1 22	21 56	0 21	4 48	2 16	19 35	0 39	21 14	0 37	5 27	13 28	6 11	6 50	18 51	4 6	5 21	W12
T 13	7 38	1 9	0s57	0s36	1 57	23 48	2 41	10 57	1 22	21 58	0 21	4 51	2 16	19 35	0 39	21 14	0 37	5 28	13 28	6 11	6 51	18 54	4 4	5 21	T 13
F 14	8 1	5s57	2 14	1 17	1 56	24 3	2 45	10 44	1 23	21 59	0 21	4 53	2 16	19 35	0 39	21 14	0 37	5 29	13 27	6 12	6 52	18 56	4 1	5 21	F 14
S 15	8 23	12 49	3 23	1 59	1 53	24 18	2 48	10 31	1 23	22 1	0 21	4 56	2 16	19 35	0 39	21 14	0 37	5 30	13 27	6 13	6 54	18 59	3 58	5 21	S 15
S 16	8 46	18 57	4 17	2 42	1 50	24 32	2 51	10 17	1 23	22 2	0 20	4 59	2 16	19 35	0 39	21 14	0 37	5 31	13 27	6 15	6 55	19 2	3 55	5 22	S 16
M17	9 8	23 52	4 54	3 25	1 46	24 45	2 54	10 4	1 24	22 4	0 20	5 2	2 16	19 35	0 39	21 14	0 37	5 31	13 27	6 17	6 56	19 4	3 53	5 22	M17
T 18	9 30	27 7	5 9	4 8	1 42	24 58	2 56	9 51	1 24	22 5	0 20	5 4	2 16	19 35	0 39	21 14	0 37	5 32	13 26	6 20	6 57	19 7	3 50	5 22	T 18
W19	9 52	28 26	5 4	4 51	1 38	25 10	2 59	9 38	1 24	22 7	0 20	5 7	2 16	19 34	0 39	21 14	0 37	5 33	13 26	6 22	6 59	19 9	3 47	5 22	W19
T 20	10 13	27 51	4 41	5 35	1 33	25 21	3 2	9 24	1 25	22 8	0 20	5 10	2 16	19 34	0 39	21 14	0 37	5 34	13 26	6 23	7 0	19 12	3 44	5 23	T 20
F 21	10 35	25 33	4 2	6 18	1 28	25 32	3 4	9 11	1 25	22 10	0 20	5 13	2 16	19 34	0 39	21 14	0 37	5 34	13 26	6 23	7 1	19 15	3 42	5 23	F 21
S 22	10 56	21 56	3 11	7 1	1 23	25 42	3 7	8 57	1 25	22 11	0 20	5 15	2 16	19 34	0 38	21 14	0 37	5 35	13 25	6 23	7 2	19 17	3 39	5 23	S 22
S 23	11 18	17 21	2 12	7 44	1 17	25 52	3 9	8 44	1 26	22 13	0 19	5 18	2 16	19 34	0 38	21 14	0 37	5 36	13 25	6 23	7 3	19 20	3 37	5 23	S 23
M24	11 39	12 7	1 8	8 27	1 11	26 1	3 12	8 30	1 26	22 14	0 19	5 21	2 16	19 34	0 38	21 14	0 37	5 37	13 25	6 22	7 5	19 22	3 34	5 24	M24
T 25	12 0	6 31	0 2	9 9	1 5	26 9	3 14	8 17	1 26	22 16	0 19	5 23	2 16	19 34	0 38	21 14	0 37	5 37	13 25	6 22	7 6	19 25	3 31	5 24	T 25
W26	12 20	0 46	1n 3	9 51	0 59	26 17	3 16	8 3	1 27	22 17	0 19	5 26	2 16	19 34	0 38	21 14	0 37	5 38	13 24	6 22	7 7	19 27	3 29	5 24	W26
T 27	12 41	4n56	2 5	10 32	0 53	26 24	3 18	7 50	1 27	22 19	0 19	5 29	2 16	19 33	0 38	21 14	0 37	5 39	13 24	6 24	7 8	19 30	3 26	5 24	T 27
F 28	13 1	10 26	3 0	11 13	0 46	26 31	3 20	7 36	1 27	22 20	0 19	5 31	2 16	19 33	0 38	21 14	0 37	5 40	13 24	6 26	7 9	19 32	3 24	5 25	F 28
S 29	13 21	15 32	3 47	11 53	0 40	26 36	3 22	7 23	1 28	22 21	0 19	5 34	2 16	19 33	0 38	21 14	0 37	5 40	13 24	6 29	7 11	19 35	3 21	5 25	S 29
S 30	13 41	20 2	4 24	12 33	0 33	26 41	3 23	7 9	1 28	22 23	0 19	5 37	2 16	19 33	0 38	21 14	0 37	5 41	13 23	6 32	7 12	19 38	3 19	5 25	S 30
M31	14s 1	23n46	4n50	13s12	0n27	26s46	3s25	6n55	1n28	22s24	0n18	5s39	2n16	19s33	0s38	21n14	0s37	5s42	13n23	6s36	7s13	19n40	3n16	5s26	M31

Julian Day Number = 2359046.5, Delta T = 15.07 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'17, Lahiri = 20°19'17Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

NOVEMBER 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 28	8♏27'07	7♊ 2	7♏51	25♐27	16♍30	15♐56	19♎56	5♒30	20°R59	23♏35	13°R 2	11♓34	11♉59	8♍50	T 1
W 2	2 44 24	9°27'17	19° 0	9°29	26°29	17° 6	16° 8	20° 3	5°31	20♋59	23°37	12♓52	11°30	12° 6	8°56	W 2
T 3	2 48 21	10°27'28	1♋ 4	11° 6	27°30	17°42	16°20	20°10	5°32	20°58	23°39	12°43	11°27	12°12	9° 2	T 3
F 4	2 52 18	11°27'42	13°18	12°42	28°32	18°17	16°33	20°17	5°33	20°58	23°42	12°37	11°24	12°19	9° 7	F 4
S 5	2 56 14	12°27'58	25°43	14°18	29°33	18°53	16°45	20°24	5°34	20°58	23°44	12°33	11°21	12°26	9°13	S 5
S 6	3 0 11	13°28'16	8♌25	15°54	0♑33	19°28	16°57	20°31	5°35	20°57	23°46	12°D31	11°18	12°33	9°18	S 6
M 7	3 4 7	14°28'35	21°27	17°29	1°34	20° 4	17°10	20°38	5°36	20°57	23°49	12°31	11°15	12°39	9°24	M 7
T 8	3 8 4	15°28'57	4♍53	19° 4	2°34	20°39	17°22	20°45	5°37	20°56	23°51	12°32	11°11	12°46	9°29	T 8
W 9	3 12 0	16°29'20	18°46	20°39	3°33	21°15	17°35	20°51	5°38	20°56	23°54	12°R32	11° 8	12°53	9°34	W 9
T 10	3 15 57	17°29'46	3♎ 6	22°14	4°32	21°50	17°48	20°58	5°40	20°55	23°56	12°30	11° 5	12°59	9°39	T 10
F 11	3 19 53	18°30'13	17°53	23°48	5°31	22°25	18° 0	21° 5	5°41	20°55	23°58	12°26	11° 2	13° 6	9°44	F 11
S 12	3 23 50	19°30'43	2♏59	25°22	6°29	23° 0	18°13	21°12	5°42	20°54	24° 1	12°19	10°59	13°13	9°49	S 12
S 13	3 27 47	20°31'14	18°18	26°55	7°27	23°36	18°26	21°19	5°44	20°53	24° 3	12°10	10°56	13°20	9°54	S 13
M14	3 31 43	21°31'46	3♐37	28°29	8°25	24°11	18°39	21°25	5°45	20°53	24° 6	11°59	10°52	13°26	9°59	M14
T 15	3 35 40	22°32'21	18°44	0♐ 2	9°22	24°46	18°52	21°32	5°47	20°52	24° 8	11°49	10°49	13°33	10° 3	T 15
W16	3 39 36	23°32'56	3♑31	1°35	10°18	25°21	19° 5	21°39	5°48	20°51	24°10	11°39	10°46	13°40	10° 8	W16
T 17	3 43 33	24°33'33	17°51	3° 8	11°14	25°56	19°18	21°45	5°50	20°51	24°13	11°32	10°43	13°46	10°12	T 17
F 18	3 47 29	25°34'11	1♒40	4°40	12° 9	26°31	19°31	21°52	5°51	20°50	24°15	11°28	10°40	13°53	10°16	F 18
S 19	3 51 26	26°34'50	15° 0	6°12	13° 4	27° 5	19°44	21°58	5°53	20°49	24°18	11°25	10°36	14° 0	10°21	S 19
S 20	3 55 23	27°35'31	27°53	7°45	13°58	27°40	19°57	22° 5	5°55	20°48	24°20	11°D25	10°33	14° 6	10°25	S 20
M21	3 59 19	28°36'12	10♓24	9°17	14°51	28°15	20°10	22°11	5°57	20°47	24°22	11°R25	10°30	14°13	10°29	M21
T 22	4 3 16	29°36'54	22°37	10°48	15°44	28°49	20°23	22°17	5°59	20°46	24°25	11°25	10°27	14°20	10°33	T 22
W23	4 7 12	0♐37'38	4♈39	12°20	16°36	29°24	20°37	22°24	6° 0	20°45	24°27	11°22	10°24	14°27	10°37	W23
T 24	4 11 9	1°38'23	16°33	13°51	17°27	29°58	20°50	22°30	6° 2	20°44	24°29	11°18	10°21	14°33	10°40	T 24
F 25	4 15 5	2°39'08	28°23	15°22	18°18	0♎33	21° 3	22°36	6° 4	20°43	24°32	11°10	10°17	14°40	10°44	F 25
S 26	4 19 2	3°39'55	10♉14	16°53	19° 8	1° 7	21°17	22°42	6° 6	20°42	24°34	10°59	10°14	14°47	10°48	S 26
S 27	4 22 58	4°40'43	22° 6	18°24	19°57	1°41	21°30	22°48	6° 8	20°41	24°37	10°46	10°11	14°53	10°51	S 27
M28	4 26 55	5°41'32	4♊ 2	19°54	20°45	2°15	21°43	22°54	6°10	20°40	24°39	10°32	10° 8	15° 0	10°54	M28
T 29	4 30 52	6°42'23	16° 2	21°24	21°32	2°50	21°57	23° 0	6°13	20°39	24°41	10°17	10° 5	15° 7	10°58	T 29
W30	4 34 48	7♐43'14	28♊ 9	22♐54	22♑18	3♎24	22♐10	23♎ 6	6♒15	20♋38	24♏44	10♓ 3	10♓ 2	15♉14	11♍ 1	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	14 s21	26n29	5n 3	13 s50	0n20	26 s50	3 s26	6n42	1n29	22 s26	0n18	5 s42	2n16	19 s32	0 s38	21n14	0 s37	5 s43	13n23	6 s41	7 s14	19n43	3n14	5 s26
W 2	14 40	28 3	5 3	14 28	0 13	26 53	3 27	6 28	1 29	22 27	0 18	5 44	2 17	19 32	0 38	21 14	0 37	5 43	13 23	6 45	7 15	19 45	3 11	5 26
T 3	14 59	28 17	4 49	15 4	0 7	26 56	3 29	6 15	1 29	22 28	0 18	5 47	2 17	19 32	0 38	21 14	0 37	5 44	13 23	6 48	7 17	19 48	3 9	5 27
F 4	15 18	27 10	4 22	15 41	0 s 0	26 58	3 30	6 1	1 30	22 30	0 18	5 50	2 17	19 32	0 38	21 14	0 37	5 45	13 23	6 50	7 18	19 50	3 6	5 27
S 5	15 36	24 41	3 43	16 16	0 7	26 59	3 30	5 47	1 30	22 31	0 18	5 52	2 17	19 31	0 38	21 14	0 37	5 45	13 22	6 52	7 19	19 53	3 4	5 27
S 6	15 54	20 57	2 51	16 50	0 14	27 0	3 31	5 34	1 30	22 32	0 18	5 55	2 17	19 31	0 38	21 14	0 37	5 46	13 22	6 52	7 20	19 55	3 2	5 28
M 7	16 12	16 7	1 50	17 24	0 20	27 0	3 32	5 20	1 31	22 34	0 18	5 57	2 17	19 31	0 38	21 14	0 37	5 47	13 22	6 52	7 22	19 58	2 59	5 28
T 8	16 30	10 22	0 41	17 57	0 27	26 59	3 32	5 6	1 31	22 35	0 17	6 0	2 17	19 30	0 38	21 14	0 37	5 47	13 22	6 52	7 23	20 0	2 57	5 29
W 9	16 48	3 57	0 s33	18 29	0 33	26 58	3 32	4 53	1 31	22 36	0 17	6 2	2 17	19 30	0 38	21 14	0 37	5 48	13 22	6 52	7 24	20 3	2 55	5 29
T 10	17 5	2 s52	1 47	19 0	0 40	26 56	3 32	4 39	1 32	22 38	0 17	6 5	2 17	19 30	0 38	21 14	0 37	5 49	13 22	6 53	7 25	20 5	2 53	5 29
F 11	17 22	9 44	2 56	19 30	0 46	26 54	3 32	4 25	1 32	22 39	0 17	6 7	2 17	19 29	0 38	21 14	0 37	5 49	13 22	6 54	7 26	20 8	2 50	5 30
S 12	17 38	16 12	3 54	19 59	0 52	26 51	3 32	4 12	1 32	22 40	0 17	6 9	2 17	19 29	0 38	21 14	0 37	5 50	13 22	6 57	7 28	20 10	2 48	5 30
S 13	17 54	21 43	4 36	20 27	0 59	26 47	3 32	3 58	1 33	22 41	0 17	6 12	2 18	19 29	0 38	21 14	0 37	5 51	13 21	7 0	7 29	20 12	2 46	5 30
M14	18 10	25 47	4 59	20 54	1 5	26 43	3 31	3 44	1 33	22 43	0 17	6 14	2 18	19 28	0 38	21 14	0 37	5 51	13 21	7 4	7 30	20 15	2 44	5 31
T 15	18 26	27 58	5 0	21 20	1 10	26 38	3 30	3 31	1 33	22 44	0 17	6 17	2 18	19 28	0 38	21 15	0 37	5 52	13 21	7 9	7 31	20 17	2 42	5 31
W16	18 41	28 6	4 40	21 45	1 16	26 33	3 29	3 17	1 34	22 45	0 17	6 19	2 18	19 28	0 38	21 15	0 37	5 53	13 21	7 12	7 32	20 20	2 40	5 32
T 17	18 56	26 19	4 4	22 9	1 22	26 27	3 28	3 3	1 34	22 46	0 16	6 21	2 18	19 27	0 38	21 15	0 37	5 53	13 21	7 15	7 34	20 22	2 38	5 32
F 18	19 11	22 58	3 14	22 32	1 27	26 21	3 27	2 50	1 34	22 47	0 16	6 24	2 18	19 27	0 38	21 15	0 37	5 54	13 21	7 17	7 35	20 25	2 36	5 32
S 19	19 25	18 31	2 15	22 54	1 33	26 14	3 25	2 36	1 35	22 48	0 16	6 26	2 18	19 26	0 38	21 15	0 37	5 54	13 21	7 17	7 36	20 27	2 34	5 33
S 20	19 39	13 20	1 11	23 14	1 38	26 7	3 23	2 23	1 35	22 50	0 16	6 28	2 18	19 26	0 38	21 15	0 37	5 55	13 21	7 18	7 37	20 29	2 32	5 33
M21	19 53	7 46	0 5	23 34	1 42	25 59	3 21	2 9	1 35	22 51	0 16	6 30	2 19	19 25	0 38	21 15	0 37	5 56	13 21	7 18	7 38	20 32	2 30	5 34
T 22	20 6	2 2	0n59	23 52	1 47	25 50	3 19	1 56	1 36	22 52	0 16	6 33	2 19	19 25	0 38	21 15	0 37	5 56	13 21	7 18	7 40	20 34	2 28	5 34
W23	20 19	3n41	2 0	24 9	1 52	25 41	3 16	1 42	1 36	22 53	0 16	6 35	2 19	19 24	0 38	21 16	0 37	5 57	13 21	7 19	7 41	20 37	2 26	5 35
T 24	20 31	9 12	2 54	24 25	1 56	25 32	3 14	1 29	1 36	22 54	0 16	6 37	2 19	19 24	0 38	21 16	0 37	5 57	13 21	7 20	7 42	20 39	2 24	5 35
F 25	20 43	14 21	3 41	24 39	2 0	25 22	3 11	1 15	1 36	22 55	0 16	6 39	2 19	19 23	0 38	21 16	0 37	5 58	13 21	7 23	7 43	20 41	2 23	5 35
S 26	20 55	18 59	4 18	24 52	2 3	25 12	3 8	1 2	1 37	22 56	0 15	6 41	2 19	19 23	0 38	21 16	0 37	5 58	13 21	7 27	7 44	20 44	2 21	5 36
S 27	21 6	22 53	4 44	25 4	2 7	25 2	3 4	0 49	1 37	22 57	0 15	6 43	2 19	19 22	0 38	21 16	0 37	5 59	13 21	7 32	7 46	20 46	2 19	5 36
M28	21 17	25 51	4 57	25 15	2 10	24 51	3 1	0 35	1 37	22 58	0 15	6 45	2 20	19 22	0 38	21 16	0 37	5 59	13 21	7 38	7 47	20 49	2 17	5 37
T 29	21 28	27 40	4 58	25 24	2 12	24 39	2 57	0 22	1 38	22 59	0 15	6 48	2 20	19 21	0 37	21 16	0 37	6 0	13 21	7 43	7 48	20 51	2 16	5 37
W30	21 s38	28n12	4n45	25 s32	2 s15	24 s28	2 s52	0n 9	1n38	23 s 0	0n15	6 s50	2n20	19 s21	0 s37	21n17	0 s37	6 s 0	13n21	7 s49	7 s49	20n53	2n14	5 s38

Julian Day Number = 2359077.5, Delta T = 15.10 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'21, Lahiri = 20°19'22Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1746
geocentric

DECEMBER 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 45	8♐44'07	10♋23	24♐23	23♑ 4	3♌58	22♐24	23♌12	6♒17	20°R37	24♏46	9°R50	9♓58	15♉20	11♍ 4	T 1
F 2	4 42 41	9°45'01	22°45	25°52	23°48	4°32	22°37	23°18	6°19	20♋36	24°48	9♓41	9°55	15°27	11° 7	F 2
S 3	4 46 38	10°45'56	5♌17	27°20	24°32	5° 5	22°51	23°24	6°22	20°35	24°51	9°35	9°52	15°34	11° 9	S 3
S 4	4 50 34	11°46'53	18° 2	28°48	25°14	5°39	23° 5	23°29	6°24	20°33	24°53	9°31	9°49	15°40	11°12	S 4
M 5	4 54 31	12°47'50	1♍ 2	0♑14	25°55	6°13	23°18	23°35	6°26	20°32	24°55	9°30	9°46	15°47	11°14	M 5
T 6	4 58 27	13°48'49	14°22	1°40	26°35	6°46	23°32	23°41	6°29	20°31	24°58	9°30	9°42	15°54	11°17	T 6
W 7	5 2 24	14°49'49	28° 4	3° 5	27°14	7°20	23°45	23°46	6°31	20°29	25° 0	9°30	9°39	16° 1	11°19	W 7
T 8	5 6 21	15°50'50	12♎ 9	4°28	27°51	7°53	23°59	23°52	6°34	20°28	25° 2	9°28	9°36	16° 7	11°21	T 8
F 9	5 10 17	16°51'52	26°38	5°50	28°28	8°27	24°13	23°57	6°36	20°27	25° 5	9°24	9°33	16°14	11°24	F 9
S 10	5 14 14	17°52'56	11♏27	7°10	29° 3	9° 0	24°26	24° 2	6°39	20°25	25° 7	9°16	9°30	16°21	11°26	S 10
S 11	5 18 10	18°54'00	26°31	8°28	29°36	9°33	24°40	24° 7	6°41	20°24	25° 9	9° 6	9°27	16°27	11°27	S 11
M12	5 22 7	19°55'05	11♐39	9°43	0♒ 8	10° 6	24°54	24°13	6°44	20°23	25°11	8°55	9°23	16°34	11°29	M12
T 13	5 26 3	20°56'12	26°43	10°56	0°38	10°39	25° 7	24°18	6°47	20°21	25°14	8°43	9°20	16°41	11°31	T 13
W14	5 30 0	21°57'18	11♑31	12° 5	1° 7	11°12	25°21	24°23	6°49	20°20	25°16	8°33	9°17	16°48	11°32	W14
T 15	5 33 56	22°58'25	25°55	13°10	1°35	11°45	25°35	24°28	6°52	20°18	25°18	8°24	9°14	16°54	11°34	T 15
F 16	5 37 53	23°59'33	9♒52	14°11	2° 0	12°18	25°49	24°33	6°55	20°17	25°20	8°18	9°11	17° 1	11°35	F 16
S 17	5 41 50	25° 0'41	23°19	15° 7	2°24	12°50	26° 2	24°37	6°58	20°15	25°22	8°15	9° 8	17° 8	11°36	S 17
S 18	5 45 46	26° 1'49	6♓18	15°56	2°45	13°23	26°16	24°42	7° 0	20°14	25°24	8°D15	9° 4	17°14	11°37	S 18
M19	5 49 43	27° 2'57	18°53	16°39	3° 5	13°55	26°30	24°47	7° 3	20°12	25°27	8°15	9° 1	17°21	11°38	M19
T 20	5 53 39	28° 4'05	1♈ 9	17°15	3°23	14°28	26°44	24°51	7° 6	20°11	25°29	8°R15	8°58	17°28	11°39	T 20
W21	5 57 36	29° 5'13	13°12	17°42	3°39	15° 0	26°57	24°56	7° 9	20° 9	25°31	8°14	8°55	17°35	11°40	W21
T 22	6 1 32	0♑ 6'22	25° 5	17°59	3°53	15°32	27°11	25° 0	7°12	20° 8	25°33	8°11	8°52	17°41	11°40	T 22
F 23	6 5 29	1° 7'30	6♉55	18°R 6	4° 4	16° 4	27°25	25° 4	7°15	20° 6	25°35	8° 5	8°48	17°48	11°41	F 23
S 24	6 9 26	2° 8'39	18°46	18° 2	4°13	16°36	27°39	25° 9	7°18	20° 5	25°37	7°56	8°45	17°55	11°41	S 24
S 25	6 13 22	3° 9'48	0♊41	17°47	4°20	17° 8	27°52	25°13	7°21	20° 3	25°39	7°46	8°42	18° 1	11°41	S 25
M26	6 17 19	4°10'57	12°42	17°20	4°25	17°39	28° 6	25°17	7°24	20° 1	25°41	7°34	8°39	18° 8	11°R41	M26
T 27	6 21 15	5°12'06	24°51	16°40	4°R27	18°11	28°20	25°21	7°27	20° 0	25°43	7°21	8°36	18°15	11°41	T 27
W28	6 25 12	6°13'15	7♋ 9	15°50	4°26	18°42	28°34	25°25	7°30	19°58	25°45	7° 9	8°33	18°22	11°41	W28
T 29	6 29 8	7°14'24	19°38	14°50	4°24	19°13	28°47	25°29	7°33	19°56	25°47	6°59	8°29	18°28	11°41	T 29
F 30	6 33 5	8°15'33	2♌16	13°41	4°18	19°45	29° 1	25°32	7°36	19°55	25°49	6°51	8°26	18°35	11°40	F 30
S 31	6 37 1	9♑16'42	15♌ 5	12♑25	4♒10	20♌16	29♐15	25♌36	7♒40	19♋53	25♏51	6♓46	8♓23	18♉42	11♍40	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	21s47	27n22	4n18	25s38	2s17	24s16	2s48	0s 4	1n38	23s 0	0n15	6s52	2n20	19s20	0s37	21n17	0s37	6s 1	13n21	7s53	7s50	20n56	2n13	5s38
F 2	21 57	25 10	3 40	25 43	2 18	24 3	2 43	0 18	1 39	23 1	0 15	6 54	2 20	19 19	0 37	21 17	0 37	6 1	13 21	7 57	7 52	20 58	2 11	5 39
S 3	22 6	21 43	2 50	25 46	2 20	23 51	2 38	0 31	1 39	23 2	0 15	6 55	2 20	19 19	0 37	21 17	0 37	6 2	13 21	7 59	7 53	21 0	2 10	5 39
S 4	22 14	17 12	1 51	25 48	2 20	23 38	2 33	0 44	1 39	23 3	0 15	6 57	2 21	19 18	0 37	21 17	0 37	6 2	13 21	8 1	7 54	21 3	2 8	5 39
M 5	22 22	11 49	0 45	25 49	2 20	23 24	2 27	0 57	1 39	23 4	0 15	6 59	2 21	19 18	0 37	21 17	0 37	6 3	13 21	8 1	7 55	21 5	2 7	5 40
T 6	22 30	5 46	0s26	25 48	2 20	23 11	2 21	1 10	1 40	23 5	0 14	7 1	2 21	19 17	0 37	21 18	0 37	6 3	13 21	8 1	7 56	21 7	2 6	5 40
W 7	22 37	0s42	1 36	25 45	2 19	22 57	2 15	1 23	1 40	23 5	0 14	7 3	2 21	19 16	0 37	21 18	0 37	6 4	13 21	8 1	7 58	21 10	2 4	5 41
T 8	22 43	7 19	2 43	25 42	2 18	22 43	2 9	1 36	1 40	23 6	0 14	7 5	2 21	19 16	0 37	21 18	0 37	6 4	13 21	8 2	7 59	21 12	2 3	5 41
F 9	22 50	13 43	3 41	25 36	2 15	22 29	2 2	1 49	1 41	23 7	0 14	7 7	2 22	19 15	0 37	21 18	0 37	6 5	13 22	8 4	8 0	21 14	2 2	5 42
S 10	22 55	19 30	4 26	25 29	2 13	22 15	1 54	2 2	1 41	23 7	0 14	7 8	2 22	19 14	0 37	21 18	0 37	6 5	13 22	8 6	8 1	21 17	2 1	5 42
S 11	23 1	24 9	4 53	25 21	2 9	22 0	1 47	2 14	1 41	23 8	0 14	7 10	2 22	19 14	0 37	21 19	0 37	6 5	13 22	8 10	8 2	21 19	1 59	5 43
M12	23 5	27 10	5 0	25 11	2 5	21 46	1 39	2 27	1 42	23 9	0 14	7 12	2 22	19 13	0 37	21 19	0 37	6 6	13 22	8 14	8 4	21 21	1 58	5 43
T 13	23 10	28 12	4 46	25 0	1 59	21 31	1 31	2 40	1 42	23 9	0 14	7 14	2 22	19 12	0 37	21 19	0 37	6 6	13 22	8 19	8 5	21 24	1 57	5 44
W14	23 14	27 10	4 13	24 48	1 53	21 16	1 22	2 52	1 42	23 10	0 14	7 15	2 23	19 12	0 37	21 19	0 37	6 6	13 22	8 23	8 6	21 26	1 56	5 44
T 15	23 17	24 20	3 24	24 35	1 46	21 1	1 13	3 5	1 42	23 10	0 14	7 17	2 23	19 11	0 37	21 19	0 37	6 7	13 22	8 26	8 7	21 28	1 55	5 45
F 16	23 20	20 7	2 24	24 20	1 38	20 46	1 4	3 17	1 43	23 11	0 13	7 18	2 23	19 10	0 37	21 20	0 37	6 7	13 22	8 28	8 8	21 30	1 54	5 45
S 17	23 23	15 0	1 18	24 5	1 29	20 32	0 54	3 30	1 43	23 12	0 13	7 20	2 23	19 10	0 37	21 20	0 37	6 8	13 23	8 29	8 10	21 33	1 54	5 46
S 18	23 25	9 22	0 10	23 49	1 18	20 17	0 44	3 42	1 43	23 12	0 13	7 22	2 23	19 9	0 37	21 20	0 37	6 8	13 23	8 29	8 11	21 35	1 53	5 46
M19	23 26	3 32	0n56	23 32	1 7	20 2	0 33	3 55	1 43	23 12	0 13	7 23	2 24	19 8	0 37	21 20	0 37	6 8	13 23	8 29	8 12	21 37	1 52	5 46
T 20	23 28	2n16	1 58	23 15	0 54	19 47	0 22	4 7	1 44	23 13	0 13	7 24	2 24	19 7	0 37	21 21	0 37	6 8	13 23	8 29	8 13	21 39	1 51	5 47
W21	23 28	7 53	2 54	22 58	0 40	19 32	0 11	4 19	1 44	23 13	0 13	7 26	2 24	19 7	0 37	21 21	0 37	6 9	13 23	8 30	8 14	21 42	1 51	5 47
T 22	23 28	13 10	3 42	22 40	0 25	19 18	0n 1	4 31	1 44	23 14	0 13	7 27	2 24	19 6	0 37	21 21	0 37	6 9	13 23	8 31	8 16	21 44	1 50	5 48
F 23	23 28	17 55	4 19	22 23	0 8	19 3	0 13	4 43	1 45	23 14	0 13	7 29	2 24	19 5	0 37	21 21	0 37	6 9	13 24	8 33	8 17	21 46	1 49	5 48
S 24	23 27	22 0	4 46	22 6	0n 9	18 49	0 25	4 55	1 45	23 14	0 13	7 30	2 25	19 4	0 37	21 22	0 37	6 10	13 24	8 36	8 18	21 48	1 49	5 49
S 25	23 26	25 13	5 0	21 50	0 28	18 35	0 38	5 7	1 45	23 15	0 13	7 31	2 25	19 3	0 37	21 22	0 37	6 10	13 24	8 40	8 19	21 51	1 48	5 49
M26	23 24	27 20	5 1	21 34	0 47	18 21	0 51	5 19	1 45	23 15	0 13	7 33	2 25	19 3	0 37	21 22	0 37	6 10	13 24	8 45	8 20	21 53	1 48	5 50
T 27	23 22	28 11	4 49	21 20	1 7	18 8	1 5	5 31	1 46	23 15	0 12	7 34	2 25	19 2	0 37	21 22	0 37	6 10	13 24	8 49	8 22	21 55	1 48	5 50
W28	23 20	27 39	4 23	21 6	1 26	17 54	1 19	5 42	1 46	23 16	0 12	7 35	2 26	19 1	0 37	21 23	0 37	6 10	13 25	8 54	8 23	21 57	1 47	5 51
T 29	23 17	25 43	3 44	20 54	1 45	17 41	1 33	5 54	1 46	23 16	0 12	7 36	2 26	19 0	0 37	21 23	0 37	6 11	13 25	8 58	8 24	21 59	1 47	5 51
F 30	23 13	22 30	2 53	20 43	2 4	17 28	1 47	6 5	1 46	23 16	0 12	7 37	2 26	18 59	0 37	21 23	0 37	6 11	13 25	9 1	8 25	22 2	1 47	5 51
S 31	23s 9	18n 8	1n53	20s33	2n21	17s16	2n 2	6s17	1n47	23s16	0n12	7s38	2n26	18s59	0s37	21n23	0s37	6s11	13n25	9s 2	8s26	22n 4	1n46	5s52

Julian Day Number = 2359107.5, Delta T = 15.12 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'25, Lahiri = 20°19'26Greg. Calendar