Astrodienst Ephemeris Tables

for the year 1788

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 1788
geocentric

JANUARY 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 15	10♑20'32	17♎45	18♐19	28♑29	20°R 1	19°R 4	25♒40	28°R56	21♎ 0	14♒47	26♐ 3	25♐21	7♑ 7	9°R15	T 1
W 2	6 45 12	11°21'42	0♏21	19°32	29°44	19♋38	18♊57	25°45	28♋53	21° 0	14°48	26° 4	25°18	7°14	9♊13	W 2
T 3	6 49 8	12°22'53	12°39	20°47	0♒59	19°14	18°50	25°51	28°51	21° 1	14°50	26° 5	25°15	7°21	9°10	T 3
F 4	6 53 5	13°24'03	24°44	22° 4	2°15	18°50	18°44	25°57	28°48	21° 2	14°51	26° 7	25°11	7°27	9° 7	F 4
S 5	6 57 1	14°25'14	6♐40	23°22	3°30	18°26	18°37	26° 3	28°46	21° 2	14°53	26° 8	25° 8	7°34	9° 4	S 5
S 6	7 0 58	15°26'24	18°29	24°41	4°45	18° 2	18°30	26° 9	28°43	21° 3	14°55	26° 9	25° 5	7°41	9° 1	S 6
M 7	7 4 54	16°27'35	0♑17	26° 2	6° 0	17°38	18°24	26°16	28°41	21° 4	14°56	26°R10	25° 2	7°47	8°59	M 7
T 8	7 8 51	17°28'45	12° 4	27°23	7°15	17°14	18°18	26°22	28°38	21° 4	14°58	26° 9	24°59	7°54	8°56	T 8
W 9	7 12 48	18°29'55	23°53	28°46	8°30	16°50	18°12	26°28	28°36	21° 4	14°59	26° 6	24°55	8° 1	8°54	W 9
T 10	7 16 44	19°31'05	5♒46	0♑10	9°45	16°26	18° 6	26°34	28°33	21° 5	15° 1	26° 3	24°52	8° 7	8°51	T 10
F 11	7 20 41	20°32'14	17°46	1°34	11° 0	16° 3	18° 0	26°41	28°30	21° 5	15° 3	25°59	24°49	8°14	8°49	F 11
S 12	7 24 37	21°33'23	29°53	3° 0	12°15	15°39	17°54	26°47	28°28	21° 6	15° 4	25°54	24°46	8°21	8°46	S 12
S 13	7 28 34	22°34'30	12♓10	4°26	13°30	15°16	17°49	26°53	28°25	21° 6	15° 6	25°50	24°43	8°27	8°44	S 13
M14	7 32 30	23°35'38	24°40	5°53	14°45	14°53	17°43	27° 0	28°23	21° 6	15° 8	25°46	24°40	8°34	8°42	M14
T 15	7 36 27	24°36'44	7♈24	7°20	15°59	14°31	17°38	27° 6	28°20	21° 7	15° 9	25°44	24°36	8°41	8°39	T 15
W16	7 40 23	25°37'50	20°27	8°49	17°14	14° 9	17°33	27°13	28°17	21° 7	15°11	25°D42	24°33	8°47	8°37	W16
T 17	7 44 20	26°38'54	3♉50	10°18	18°29	13°47	17°28	27°19	28°15	21° 7	15°13	25°42	24°30	8°54	8°35	T 17
F 18	7 48 17	27°39'58	17°36	11°47	19°44	13°26	17°24	27°26	28°12	21° 7	15°15	25°43	24°27	9° 0	8°33	F 18
S 19	7 52 13	28°41'01	1♊46	13°17	20°59	13° 5	17°19	27°33	28°10	21° 7	15°16	25°45	24°24	9° 7	8°31	S 19
S 20	7 56 10	29°42'03	16°19	14°48	22°14	12°45	17°15	27°39	28° 7	21° 7	15°18	25°46	24°21	9°14	8°29	S 20
M21	8 0 6	0♒43'04	1♋11	16°20	23°28	12°25	17°11	27°46	28° 4	21° 7	15°20	25°R46	24°17	9°20	8°28	M21
T 22	8 4 3	1°44'04	16°17	17°52	24°43	12° 7	17° 7	27°53	28° 2	21°R 8	15°21	25°45	24°14	9°27	8°26	T 22
W23	8 7 59	2°45'03	1♌28	19°25	25°58	11°48	17° 3	28° 0	27°59	21° 7	15°23	25°42	24°11	9°34	8°24	W23
T 24	8 11 56	3°46'01	16°33	20°58	27°12	11°31	17° 0	28° 7	27°57	21° 7	15°25	25°37	24° 8	9°40	8°23	T 24
F 25	8 15 53	4°46'58	1♍25	22°32	28°27	11°14	16°56	28°13	27°54	21° 7	15°27	25°31	24° 5	9°47	8°21	F 25
S 26	8 19 49	5°47'55	15°53	24° 7	29°42	10°57	16°53	28°20	27°51	21° 7	15°29	25°24	24° 1	9°54	8°20	S 26
S 27	8 23 46	6°48'51	29°55	25°42	0♓56	10°42	16°50	28°27	27°49	21° 7	15°30	25°18	23°58	10° 0	8°18	S 27
M28	8 27 42	7°49'45	13♎27	27°18	2°11	10°27	16°47	28°34	27°46	21° 7	15°32	25°14	23°55	10° 7	8°17	M28
T 29	8 31 39	8°50'40	26°30	28°55	3°25	10°13	16°45	28°41	27°44	21° 7	15°34	25°11	23°52	10°14	8°16	T 29
W30	8 35 35	9°51'33	9♏ 9	0♒32	4°40	9°59	16°42	28°48	27°41	21° 6	15°36	25°D10	23°49	10°20	8°15	W30
T 31	8 39 32	10♒52'26	21♏27	2♒10	5♓54	9♋47	16♊40	28♒55	27♋39	21♎ 6	15♒37	25♐11	23♐46	10♑27	8♊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	23s 4	11s31	4s55	21s37	1n21	21s54	1s27	25n50	3n55	22n36	0s25	14s20	1s26	20n58	0n35	6s39	1n40	24s10	8s 7	23s24	23s23	22s13	16n44	5s11
W 2	22 59	15 42	4 23	21 51	1 12	21 39	1 28	25 55	3 56	22 35	0 25	14 18	1 26	20 58	0 35	6 40	1 40	24 9	8 7	23 24	23 23	22 12	16 44	5 11
T 3	22 53	19 7	3 39	22 6	1 3	21 24	1 29	26 0	3 58	22 35	0 25	14 16	1 26	20 59	0 35	6 40	1 40	24 9	8 7	23 25	23 23	22 11	16 44	5 11
F 4	22 47	21 39	2 45	22 19	0 55	21 8	1 30	26 5	3 59	22 35	0 25	14 14	1 26	20 59	0 35	6 40	1 40	24 8	8 7	23 25	23 23	22 10	16 44	5 11
S 5	22 41	23 11	1 46	22 32	0 46	20 52	1 30	26 10	4 0	22 34	0 25	14 12	1 26	21 0	0 35	6 40	1 40	24 8	8 7	23 25	23 23	22 8	16 43	5 10
S 6	22 34	23 40	0 42	22 44	0 38	20 35	1 31	26 14	4 2	22 34	0 24	14 10	1 26	21 0	0 35	6 40	1 40	24 7	8 7	23 25	23 23	22 7	16 43	5 10
M 7	22 27	23 5	0n23	22 55	0 30	20 17	1 32	26 19	4 3	22 33	0 24	14 8	1 26	21 1	0 35	6 40	1 41	24 7	8 7	23 25	23 22	22 6	16 43	5 10
T 8	22 19	21 29	1 27	23 5	0 21	19 58	1 33	26 23	4 4	22 33	0 24	14 5	1 26	21 1	0 35	6 41	1 41	24 6	8 7	23 25	23 22	22 5	16 43	5 10
W 9	22 11	18 56	2 27	23 14	0 13	19 40	1 33	26 27	4 5	22 33	0 24	14 3	1 26	21 2	0 35	6 41	1 41	24 6	8 7	23 25	23 22	22 3	16 42	5 10
T 10	22 3	15 36	3 21	23 23	0 5	19 20	1 34	26 31	4 5	22 32	0 24	14 1	1 26	21 2	0 35	6 41	1 41	24 5	8 7	23 24	23 22	22 2	16 42	5 10
F 11	21 54	11 36	4 7	23 30	0s 3	19 0	1 34	26 34	4 6	22 32	0 23	13 59	1 26	21 3	0 35	6 41	1 41	24 5	8 7	23 24	23 22	22 1	16 42	5 9
S 12	21 44	7 7	4 42	23 36	0 10	18 40	1 35	26 38	4 7	22 32	0 23	13 57	1 26	21 3	0 35	6 41	1 41	24 4	8 7	23 24	23 22	22 0	16 42	5 9
S 13	21 34	2 18	5 5	23 41	0 18	18 19	1 35	26 41	4 7	22 31	0 23	13 54	1 26	21 4	0 35	6 41	1 41	24 4	8 7	23 24	23 22	21 58	16 42	5 9
M14	21 24	2n41	5 14	23 45	0 25	17 57	1 35	26 44	4 8	22 31	0 23	13 52	1 26	21 5	0 35	6 41	1 41	24 3	8 7	23 24	23 22	21 57	16 41	5 9
T 15	21 14	7 39	5 7	23 48	0 32	17 35	1 36	26 47	4 8	22 31	0 23	13 50	1 26	21 5	0 35	6 41	1 41	24 3	8 7	23 24	23 21	21 56	16 41	5 9
W16	21 2	12 24	4 45	23 49	0 39	17 12	1 36	26 49	4 8	22 31	0 23	13 48	1 26	21 6	0 35	6 41	1 41	24 2	8 7	23 24	23 21	21 55	16 41	5 9
T 17	20 51	16 41	4 7	23 49	0 46	16 49	1 36	26 52	4 8	22 30	0 22	13 45	1 26	21 6	0 35	6 41	1 41	24 2	8 7	23 24	23 21	21 53	16 41	5 8
F 18	20 39	20 12	3 14	23 48	0 52	16 26	1 36	26 54	4 8	22 30	0 22	13 43	1 26	21 7	0 35	6 41	1 41	24 1	8 7	23 24	23 21	21 52	16 41	5 8
S 19	20 27	22 37	2 8	23 46	0 58	16 2	1 36	26 56	4 8	22 30	0 22	13 41	1 26	21 7	0 35	6 41	1 41	24 0	8 7	23 24	23 21	21 51	16 41	5 8
S 20	20 14	23 37	0 52	23 43	1 4	15 37	1 36	26 58	4 8	22 30	0 22	13 39	1 26	21 8	0 35	6 41	1 41	24 0	8 7	23 24	23 21	21 49	16 41	5 8
M21	20 1	22 58	0s30	23 38	1 10	15 13	1 35	26 59	4 7	22 29	0 22	13 36	1 26	21 8	0 35	6 41	1 41	23 59	8 7	23 24	23 21	21 48	16 41	5 7
T 22	19 48	20 39	1 50	23 32	1 16	14 47	1 35	27 1	4 7	22 29	0 21	13 34	1 26	21 9	0 35	6 41	1 41	23 59	8 7	23 24	23 20	21 47	16 41	5 7
W23	19 34	16 53	3 2	23 24	1 21	14 22	1 35	27 2	4 6	22 29	0 21	13 31	1 26	21 9	0 35	6 41	1 42	23 58	8 7	23 24	23 20	21 45	16 41	5 7
T 24	19 20	12 3	4 2	23 15	1 26	13 56	1 34	27 3	4 6	22 29	0 21	13 29	1 26	21 10	0 35	6 41	1 42	23 58	8 7	23 24	23 20	21 44	16 41	5 7
F 25	19 5	6 34	4 44	23 5	1 31	13 29	1 34	27 4	4 5	22 29	0 21	13 27	1 26	21 10	0 35	6 41	1 42	23 57	8 7	23 23	23 20	21 43	16 41	5 7
S 26	18 51	0 52	5 6	22 53	1 36	13 3	1 33	27 4	4 4	22 29	0 21	13 24	1 26	21 11	0 35	6 41	1 42	23 57	8 7	23 23	23 20	21 41	16 41	5 6
S 27	18 35	4s42	5 9	22 40	1 40	12 36	1 32	27 5	4 4	22 29	0 20	13 22	1 26	21 11	0 35	6 41	1 42	23 56	8 7	23 23	23 20	21 40	16 41	5 6
M28	18 20	9 50	4 55	22 25	1 44	12 8	1 32	27 5	4 3	22 28	0 20	13 19	1 26	21 12	0 35	6 40	1 42	23 56	8 7	23 23	23 20	21 39	16 41	5 6
T 29	18 4	14 21	4 26	22 9	1 47	11 41	1 31	27 6	4 2	22 28	0 20	13 17	1 26	21 12	0 35	6 40	1 42	23 55	8 7	23 23	23 19	21 37	16 41	5 6
W30	17 48	18 6	3 44	21 52	1 51	11 12	1 30	27 6	4 1	22 28	0 20	13 15	1 26	21 13	0 35	6 40	1 42	23 55	8 7	23 23	23 19	21 36	16 41	5 5
T 31	17s31	20s55	2s53	21s33	1s54	10s44	1s29	27n 6	4n 0	22n28	0s20	13s12	1s26	21n14	0n35	6s40	1n42	23s54	8s 7	23s23	23s19	21s35	16n41	5s 5

Julian Day Number = 2374113.5, Delta T = 21.94 sec
Ecliptic obliquity = 23°28'00, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°46'49, Lahiri = 20°53'50Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

FEBRUARY 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 28	11♒53'18	3♐30	3♒49	7♓ 9	9°R35	16°R38	29♒ 2	27°R36	21°R 6	15♒39	25♐12	23♐42	10♑34	8°R13	F 1
S 2	8 47 25	12°54'09	15°22	5°29	8°23	9♋24	16♊36	29° 9	27♋34	21♎ 6	15°41	25°13	23°39	10°40	8♊12	S 2
S 3	8 51 22	13°54'59	27° 9	7° 9	9°38	9°14	16°35	29°17	27°31	21° 5	15°43	25°R14	23°36	10°47	8°11	S 3
M 4	8 55 18	14°55'48	8♑55	8°50	10°52	9° 4	16°33	29°24	27°29	21° 5	15°45	25°13	23°33	10°54	8°10	M 4
T 5	8 59 15	15°56'36	20°43	10°32	12° 6	8°56	16°32	29°31	27°26	21° 4	15°46	25° 9	23°30	11° 0	8° 9	T 5
W 6	9 3 11	16°57'22	2♒37	12°15	13°21	8°48	16°31	29°38	27°24	21° 4	15°48	25° 3	23°27	11° 7	8° 9	W 6
T 7	9 7 8	17°58'08	14°39	13°58	14°35	8°41	16°30	29°45	27°21	21° 3	15°50	24°55	23°23	11°13	8° 8	T 7
F 8	9 11 4	18°58'52	26°50	15°42	15°49	8°35	16°30	29°52	27°19	21° 3	15°52	24°45	23°20	11°20	8° 8	F 8
S 9	9 15 1	19°59'35	9♓12	17°27	17° 3	8°29	16°29	29°59	27°17	21° 2	15°54	24°34	23°17	11°27	8° 7	S 9
S 10	9 18 57	21° 0'16	21°44	19°13	18°17	8°25	16°D29	0♓ 7	27°14	21° 2	15°55	24°24	23°14	11°33	8° 7	S 10
M11	9 22 54	22° 0'56	4♈27	21° 0	19°31	8°21	16°29	0°14	27°12	21° 1	15°57	24°14	23°11	11°40	8° 7	M11
T 12	9 26 51	23° 1'34	17°23	22°48	20°45	8°18	16°30	0°21	27°10	21° 0	15°59	24° 6	23° 7	11°47	8° 6	T 12
W13	9 30 47	24° 2'10	0♉31	24°36	21°59	8°16	16°30	0°29	27° 7	21° 0	16° 1	24° 1	23° 4	11°53	8° 6	W13
T 14	9 34 44	25° 2'44	13°54	26°25	23°13	8°14	16°31	0°36	27° 5	20°59	16° 2	23°59	23° 1	12° 0	8°D 6	T 14
F 15	9 38 40	26° 3'17	27°33	28°15	24°27	8°D14	16°32	0°43	27° 3	20°58	16° 4	23°D58	22°58	12° 7	8° 6	F 15
S 16	9 42 37	27° 3'48	11♊29	0♓ 6	25°41	8°14	16°33	0°50	27° 1	20°57	16° 6	23°59	22°55	12°13	8° 6	S 16
S 17	9 46 33	28° 4'17	25°43	1°57	26°55	8°15	16°34	0°58	26°59	20°57	16° 8	23°R59	22°52	12°20	8° 7	S 17
M18	9 50 30	29° 4'45	10♋13	3°49	28° 9	8°16	16°35	1° 5	26°56	20°56	16°10	23°58	22°48	12°27	8° 7	M18
T 19	9 54 26	0♓ 5'10	24°56	5°41	29°22	8°18	16°37	1°12	26°54	20°55	16°11	23°55	22°45	12°33	8° 7	T 19
W20	9 58 23	1° 5'34	9♌47	7°34	0♈36	8°21	16°39	1°20	26°52	20°54	16°13	23°48	22°42	12°40	8° 8	W20
T 21	10 2 20	2° 5'55	24°38	9°27	1°50	8°25	16°41	1°27	26°50	20°53	16°15	23°40	22°39	12°47	8° 8	T 21
F 22	10 6 16	3° 6'15	9♍20	11°20	3° 3	8°29	16°43	1°34	26°48	20°52	16°17	23°29	22°36	12°53	8° 9	F 22
S 23	10 10 13	4° 6'33	23°45	13°14	4°17	8°34	16°45	1°41	26°46	20°51	16°18	23°18	22°33	13° 0	8°10	S 23
S 24	10 14 9	5° 6'50	7♎48	15° 6	5°30	8°40	16°48	1°49	26°45	20°50	16°20	23° 7	22°29	13° 7	8°10	S 24
M25	10 18 6	6° 7'05	21°24	16°59	6°43	8°47	16°51	1°56	26°43	20°49	16°22	22°58	22°26	13°13	8°11	M25
T 26	10 22 2	7° 7'18	4♏33	18°50	7°57	8°53	16°54	2° 3	26°41	20°48	16°23	22°52	22°23	13°20	8°12	T 26
W27	10 25 59	8° 7'30	17°17	20°40	9°10	9° 1	16°57	2°10	26°39	20°47	16°25	22°47	22°20	13°27	8°13	W27
T 28	10 29 55	9° 7'41	29°39	22°29	10°23	9° 9	17° 0	2°18	26°37	20°46	16°27	22°46	22°17	13°33	8°14	T 28
F 29	10 33 52	10♓ 7'50	11♐43	24♓15	11♈36	9♋18	17♊ 4	2♓25	26♋36	20♎45	16♒28	22°D45	22♐13	13♑40	8♊15	F 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
F 1	17s15	22s46	1s55	21s12	1s56	10s16	1s28	27n 5	3n59	22n28	0s20	13s10	1s26	21n14	0n35	6s40	1n42	23s54	8s 7	23s23	23s19	21s33	16n41	5s 5
S 2	16 58	23 33	0 53	20 51	1 59	9 47	1 27	27 5	3 58	22 28	0 19	13 7	1 26	21 15	0 35	6 40	1 42	23 53	8 7	23 23	23 19	21 32	16 41	5 5
S 3	16 40	23 16	0n10	20 27	2 1	9 18	1 26	27 5	3 56	22 28	0 19	13 5	1 26	21 15	0 35	6 39	1 42	23 53	8 7	23 23	23 19	21 31	16 41	5 4
M 4	16 23	21 57	1 13	20 2	2 2	8 48	1 25	27 4	3 55	22 28	0 19	13 2	1 26	21 15	0 35	6 39	1 42	23 52	8 7	23 23	23 19	21 29	16 41	5 4
T 5	16 5	19 40	2 13	19 36	2 4	8 19	1 23	27 3	3 54	22 28	0 19	13 0	1 26	21 16	0 35	6 39	1 42	23 52	8 7	23 23	23 18	21 28	16 41	5 4
W 6	15 46	16 33	3 7	19 8	2 5	7 49	1 22	27 3	3 53	22 28	0 19	12 57	1 26	21 16	0 35	6 39	1 42	23 51	8 7	23 22	23 18	21 26	16 42	5 4
T 7	15 28	12 44	3 54	18 39	2 5	7 19	1 20	27 2	3 51	22 29	0 18	12 55	1 26	21 17	0 35	6 39	1 42	23 51	8 7	23 22	23 18	21 25	16 42	5 3
F 8	15 9	8 21	4 30	18 8	2 5	6 49	1 19	27 1	3 50	22 29	0 18	12 52	1 26	21 17	0 35	6 38	1 42	23 50	8 7	23 22	23 18	21 24	16 42	5 3
S 9	14 50	3 35	4 54	17 36	2 5	6 18	1 17	27 0	3 48	22 29	0 18	12 50	1 26	21 18	0 35	6 38	1 43	23 50	8 7	23 21	23 18	21 22	16 42	5 3
S 10	14 31	1n23	5 5	17 2	2 4	5 48	1 16	26 58	3 47	22 29	0 18	12 47	1 26	21 18	0 35	6 38	1 43	23 49	8 7	23 21	23 18	21 21	16 42	5 2
M11	14 11	6 22	5 0	16 27	2 2	5 17	1 14	26 57	3 45	22 29	0 18	12 45	1 26	21 19	0 35	6 37	1 43	23 49	8 8	23 20	23 17	21 19	16 43	5 2
T 12	13 51	11 9	4 40	15 50	2 1	4 46	1 12	26 56	3 44	22 29	0 17	12 42	1 26	21 19	0 35	6 37	1 43	23 48	8 8	23 20	23 17	21 18	16 43	5 2
W13	13 31	15 30	4 6	15 12	1 58	4 15	1 10	26 55	3 42	22 30	0 17	12 40	1 26	21 20	0 35	6 37	1 43	23 48	8 8	23 20	23 17	21 17	16 43	5 2
T 14	13 11	19 10	3 17	14 32	1 55	3 44	1 8	26 53	3 41	22 30	0 17	12 37	1 26	21 20	0 35	6 37	1 43	23 47	8 8	23 20	23 17	21 15	16 43	5 1
F 15	12 51	21 51	2 16	13 51	1 52	3 13	1 6	26 52	3 39	22 30	0 17	12 35	1 26	21 20	0 35	6 36	1 43	23 47	8 8	23 20	23 17	21 14	16 44	5 1
S 16	12 30	23 17	1 6	13 8	1 48	2 42	1 4	26 50	3 38	22 30	0 17	12 32	1 26	21 21	0 35	6 36	1 43	23 46	8 8	23 20	23 17	21 12	16 44	5 1
S 17	12 9	23 15	0s 9	12 24	1 44	2 11	1 2	26 48	3 36	22 31	0 17	12 29	1 26	21 21	0 35	6 36	1 43	23 46	8 8	23 20	23 16	21 11	16 44	5 0
M18	11 48	21 39	1 25	11 39	1 39	1 39	1 0	26 47	3 35	22 31	0 16	12 27	1 26	21 22	0 35	6 35	1 43	23 46	8 8	23 20	23 16	21 9	16 45	5 0
T 19	11 27	18 36	2 37	10 53	1 33	1 8	0 58	26 45	3 33	22 31	0 16	12 24	1 26	21 22	0 35	6 35	1 43	23 45	8 8	23 20	23 16	21 8	16 45	5 0
W20	11 6	14 19	3 38	10 5	1 27	0 37	0 56	26 43	3 31	22 32	0 16	12 22	1 27	21 22	0 35	6 34	1 43	23 45	8 8	23 19	23 16	21 7	16 45	5 0
T 21	10 44	9 10	4 25	9 16	1 20	0 5	0 53	26 41	3 30	22 32	0 16	12 19	1 27	21 23	0 35	6 34	1 43	23 44	8 9	23 19	23 16	21 5	16 46	4 59
F 22	10 23	3 33	4 53	8 26	1 12	0n26	0 51	26 39	3 28	22 33	0 16	12 17	1 27	21 23	0 35	6 34	1 43	23 44	8 9	23 18	23 16	21 4	16 46	4 59
S 23	10 1	2s 9	5 2	7 35	1 4	0 58	0 48	26 37	3 27	22 33	0 16	12 14	1 27	21 24	0 35	6 33	1 43	23 43	8 9	23 18	23 15	21 2	16 47	4 59
S 24	9 39	7 35	4 53	6 44	0 55	1 29	0 46	26 35	3 25	22 33	0 15	12 12	1 27	21 24	0 35	6 33	1 43	23 43	8 9	23 17	23 15	21 1	16 47	4 58
M25	9 17	12 28	4 26	5 51	0 46	2 1	0 43	26 33	3 23	22 34	0 15	12 9	1 27	21 24	0 35	6 32	1 43	23 43	8 9	23 17	23 15	20 59	16 47	4 58
T 26	8 54	16 36	3 47	4 59	0 36	2 32	0 41	26 31	3 22	22 34	0 15	12 6	1 27	21 25	0 35	6 32	1 43	23 42	8 9	23 16	23 15	20 58	16 48	4 58
W27	8 32	19 50	2 57	4 5	0 25	3 3	0 38	26 29	3 20	22 35	0 15	12 4	1 27	21 25	0 35	6 31	1 43	23 42	8 9	23 16	23 15	20 56	16 48	4 58
T 28	8 9	22 3	2 0	3 12	0 14	3 35	0 35	26 27	3 18	22 35	0 15	12 1	1 27	21 25	0 35	6 31	1 43	23 41	8 9	23 16	23 14	20 55	16 49	4 57
F 29	7s47	23s11	0s58	2s19	0s 2	4n 6	0s32	26n25	3n17	22n36	0s15	11s59	1s27	21n26	0n35	6s31	1n44	23s41	8s10	23s16	23s14	20s53	16n49	4s57

Julian Day Number = 2374144.5, Delta T = 21.93 sec
Ecliptic obliquity = 23°28'00, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°46'53, Lahiri = 20°53'54Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

MARCH 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 37 48	11♓ 7'57	23♐37	26♓ 0	12♈49	9♋28	17♊ 8	2♓32	26°R34	20°R43	16♒30	22°R45	22♐10	13♑47	8♊16	S 1
S 2	10 41 45	12° 8'03	5♑24	27°41	14° 2	9°38	17°12	2°39	26♋32	20♎42	16°32	22♐45	22° 7	13°53	8°18	S 2
M 3	10 45 42	13° 8'07	17°12	29°19	15°15	9°48	17°16	2°47	26°31	20°41	16°33	22°42	22° 4	14° 0	8°19	M 3
T 4	10 49 38	14° 8'10	29° 3	0♈52	16°28	9°59	17°20	2°54	26°29	20°40	16°35	22°38	22° 1	14° 6	8°21	T 4
W 5	10 53 35	15° 8'10	11♒ 3	2°22	17°41	10°11	17°24	3° 1	26°28	20°39	16°37	22°30	21°58	14°13	8°22	W 5
T 6	10 57 31	16° 8'09	23°13	3°46	18°54	10°23	17°29	3° 8	26°26	20°37	16°38	22°20	21°54	14°20	8°24	T 6
F 7	11 1 28	17° 8'07	5♓37	5° 4	20° 7	10°36	17°34	3°15	26°25	20°36	16°40	22° 7	21°51	14°26	8°25	F 7
S 8	11 5 24	18° 8'02	18°15	6°17	21°19	10°49	17°39	3°23	26°24	20°35	16°41	21°53	21°48	14°33	8°27	S 8
S 9	11 9 21	19° 7'55	1♈ 6	7°22	22°32	11° 3	17°44	3°30	26°22	20°33	16°43	21°39	21°45	14°40	8°29	S 9
M10	11 13 17	20° 7'46	14°10	8°21	23°44	11°17	17°49	3°37	26°21	20°32	16°45	21°27	21°42	14°46	8°31	M10
T 11	11 17 14	21° 7'35	27°26	9°12	24°57	11°32	17°55	3°44	26°20	20°31	16°46	21°17	21°38	14°53	8°33	T 11
W12	11 21 11	22° 7'23	10♉52	9°56	26° 9	11°47	18° 0	3°51	26°19	20°29	16°48	21°10	21°35	15° 0	8°35	W12
T 13	11 25 7	23° 7'07	24°28	10°32	27°22	12° 3	18° 6	3°58	26°18	20°28	16°49	21° 5	21°32	15° 6	8°37	T 13
F 14	11 29 4	24° 6'50	8♊13	10°59	28°34	12°19	18°12	4° 5	26°17	20°26	16°51	21° 4	21°29	15°13	8°39	F 14
S 15	11 33 0	25° 6'31	22° 8	11°18	29°46	12°35	18°18	4°12	26°16	20°25	16°52	21° 3	21°26	15°20	8°41	S 15
S 16	11 36 57	26° 6'09	6♋12	11°29	0♉58	12°52	18°24	4°19	26°15	20°24	16°54	21° 3	21°23	15°26	8°43	S 16
M17	11 40 53	27° 5'44	20°25	11°R32	2°10	13°10	18°31	4°26	26°14	20°22	16°55	21° 2	21°19	15°33	8°46	M17
T 18	11 44 50	28° 5'18	4♌45	11°26	3°22	13°28	18°37	4°33	26°13	20°21	16°56	20°58	21°16	15°40	8°48	T 18
W19	11 48 46	29° 4'49	19°10	11°13	4°34	13°46	18°44	4°40	26°12	20°19	16°58	20°52	21°13	15°46	8°51	W19
T 20	11 52 43	0♈ 4'18	3♍35	10°53	5°45	14° 5	18°51	4°47	26°11	20°18	16°59	20°43	21°10	15°53	8°53	T 20
F 21	11 56 40	1° 3'44	17°53	10°26	6°57	14°23	18°58	4°53	26°11	20°16	17° 1	20°31	21° 7	16° 0	8°56	F 21
S 22	12 0 36	2° 3'09	2♎ 0	9°52	8° 9	14°43	19° 5	5° 0	26°10	20°15	17° 2	20°19	21° 4	16° 6	8°58	S 22
S 23	12 4 33	3° 2'31	15°49	9°14	9°20	15° 3	19°13	5° 7	26° 9	20°13	17° 3	20° 8	21° 0	16°13	9° 1	S 23
M24	12 8 29	4° 1'51	29°17	8°31	10°31	15°23	19°20	5°14	26° 9	20°11	17° 5	19°58	20°57	16°20	9° 4	M24
T 25	12 12 26	5° 1'10	12♏22	7°45	11°43	15°43	19°28	5°20	26° 8	20°10	17° 6	19°50	20°54	16°26	9° 7	T 25
W26	12 16 22	6° 0'27	25° 5	6°56	12°54	16° 4	19°35	5°27	26° 8	20° 8	17° 7	19°45	20°51	16°33	9°10	W26
T 27	12 20 19	6°59'42	7♐28	6° 6	14° 5	16°25	19°43	5°34	26° 7	20° 7	17° 9	19°43	20°48	16°40	9°13	T 27
F 28	12 24 15	7°58'55	19°35	5°16	15°16	16°46	19°51	5°40	26° 7	20° 5	17°10	19°D42	20°44	16°46	9°16	F 28
S 29	12 28 12	8°58'06	1♑30	4°26	16°27	17° 8	19°59	5°47	26° 7	20° 4	17°11	19°42	20°41	16°53	9°19	S 29
S 30	12 32 9	9°57'16	13°20	3°37	17°37	17°30	20° 8	5°53	26° 7	20° 2	17°12	19°R42	20°38	17° 0	9°22	S 30
M31	12 36 5	10♈56'23	25♑ 9	2♈51	18♉48	17♋52	20♊16	6♓ 0	26♋ 6	20♎ 0	17♒13	19♐41	20♐35	17♑ 6	9♊25	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	7s24	23s14	0n 5	1s27	0n10	4n37	0s30	26n22	3n15	22n36	0s14	11s56	1s27	21n26	0n35	6s30	1n44	23s41	8s10	23s16	23s14	20s52	16n50	4s57
S 2	7 1	22 15	1 7	0 35	0 22	5 8	0 27	26 20	3 14	22 37	0 14	11 54	1 27	21 26	0 35	6 30	1 44	23 40	8 10	23 16	23 14	20 50	16 50	4 57
M 3	6 38	20 17	2 6	0n16	0 35	5 39	0 24	26 18	3 12	22 37	0 14	11 51	1 27	21 26	0 35	6 29	1 44	23 40	8 10	23 16	23 14	20 49	16 50	4 56
T 4	6 15	17 27	3 0	1 6	0 49	6 10	0 21	26 15	3 10	22 38	0 14	11 49	1 27	21 27	0 35	6 29	1 44	23 40	8 10	23 16	23 14	20 47	16 51	4 56
W 5	5 52	13 51	3 46	1 53	1 2	6 40	0 18	26 13	3 9	22 39	0 14	11 46	1 28	21 27	0 35	6 28	1 44	23 39	8 10	23 15	23 13	20 46	16 51	4 56
T 6	5 29	9 39	4 23	2 39	1 16	7 11	0 15	26 10	3 7	22 39	0 14	11 44	1 28	21 27	0 34	6 28	1 44	23 39	8 11	23 15	23 13	20 44	16 52	4 55
F 7	5 5	5 0	4 48	3 23	1 29	7 41	0 12	26 8	3 6	22 40	0 13	11 41	1 28	21 27	0 34	6 27	1 44	23 38	8 11	23 14	23 13	20 43	16 53	4 55
S 8	4 42	0 4	4 59	4 4	1 43	8 11	0 9	26 5	3 4	22 40	0 13	11 39	1 28	21 28	0 34	6 27	1 44	23 38	8 11	23 13	23 13	20 41	16 53	4 55
S 9	4 18	4n58	4 56	4 42	1 56	8 41	0 6	26 2	3 3	22 41	0 13	11 36	1 28	21 28	0 34	6 26	1 44	23 38	8 11	23 12	23 13	20 40	16 54	4 55
M10	3 55	9 51	4 37	5 18	2 9	9 11	0 2	26 0	3 1	22 42	0 13	11 34	1 28	21 28	0 34	6 25	1 44	23 37	8 11	23 11	23 12	20 38	16 54	4 54
T 11	3 31	14 21	4 3	5 49	2 22	9 41	0n 1	25 57	3 0	22 42	0 13	11 31	1 28	21 28	0 34	6 25	1 44	23 37	8 11	23 11	23 12	20 37	16 55	4 54
W12	3 8	18 12	3 15	6 17	2 33	10 10	0 4	25 54	2 58	22 43	0 13	11 29	1 28	21 29	0 34	6 24	1 44	23 37	8 12	23 10	23 12	20 35	16 55	4 54
T 13	2 44	21 6	2 16	6 41	2 44	10 39	0 7	25 51	2 56	22 44	0 12	11 26	1 28	21 29	0 34	6 24	1 44	23 37	8 12	23 10	23 12	20 34	16 56	4 54
F 14	2 20	22 49	1 7	7 1	2 54	11 8	0 11	25 48	2 55	22 44	0 12	11 24	1 28	21 29	0 34	6 23	1 44	23 36	8 12	23 10	23 12	20 32	16 56	4 53
S 15	1 57	23 8	0s 6	7 17	3 4	11 37	0 14	25 45	2 53	22 45	0 12	11 21	1 28	21 29	0 34	6 23	1 44	23 36	8 12	23 10	23 11	20 31	16 57	4 53
S 16	1 33	22 0	1 19	7 29	3 11	12 5	0 17	25 42	2 52	22 46	0 12	11 19	1 29	21 29	0 34	6 22	1 44	23 36	8 12	23 10	23 11	20 29	16 58	4 53
M17	1 9	19 28	2 29	7 36	3 18	12 34	0 20	25 39	2 51	22 46	0 12	11 16	1 29	21 29	0 34	6 22	1 44	23 35	8 13	23 10	23 11	20 27	16 58	4 53
T 18	0 46	15 43	3 29	7 39	3 23	13 1	0 24	25 35	2 49	22 47	0 12	11 14	1 29	21 30	0 34	6 21	1 44	23 35	8 13	23 10	23 11	20 26	16 59	4 52
W19	0 22	11 2	4 17	7 37	3 27	13 29	0 27	25 32	2 48	22 48	0 12	11 11	1 29	21 30	0 34	6 20	1 44	23 35	8 13	23 9	23 11	20 24	16 59	4 52
T 20	0n 2	5 44	4 48	7 31	3 29	13 56	0 31	25 29	2 46	22 49	0 11	11 9	1 29	21 30	0 34	6 20	1 44	23 35	8 13	23 8	23 10	20 23	17 0	4 52
F 21	0 25	0 11	5 0	7 20	3 29	14 23	0 34	25 25	2 45	22 49	0 11	11 7	1 29	21 30	0 34	6 19	1 44	23 34	8 13	23 8	23 10	20 21	17 1	4 52
S 22	0 49	5s18	4 55	7 6	3 28	14 50	0 37	25 22	2 43	22 50	0 11	11 4	1 29	21 30	0 34	6 19	1 44	23 34	8 14	23 7	23 10	20 20	17 1	4 51
S 23	1 13	10 24	4 32	6 48	3 24	15 16	0 41	25 18	2 42	22 51	0 11	11 2	1 29	21 30	0 34	6 18	1 44	23 34	8 14	23 6	23 10	20 18	17 2	4 51
M24	1 36	14 52	3 54	6 26	3 19	15 42	0 44	25 14	2 41	22 51	0 11	11 0	1 29	21 30	0 34	6 17	1 44	23 34	8 14	23 5	23 9	20 16	17 3	4 51
T 25	2 0	18 29	3 4	6 1	3 12	16 7	0 48	25 10	2 39	22 52	0 11	10 57	1 30	21 30	0 34	6 17	1 44	23 34	8 14	23 5	23 9	20 15	17 3	4 51
W26	2 23	21 6	2 7	5 34	3 4	16 32	0 51	25 7	2 38	22 53	0 11	10 55	1 30	21 30	0 34	6 16	1 44	23 33	8 15	23 4	23 9	20 13	17 4	4 50
T 27	2 47	22 39	1 5	5 5	2 54	16 57	0 54	25 3	2 36	22 54	0 10	10 53	1 30	21 30	0 34	6 16	1 44	23 33	8 15	23 4	23 9	20 12	17 5	4 50
F 28	3 10	23 4	0 1	4 35	2 42	17 21	0 58	24 59	2 35	22 54	0 10	10 50	1 30	21 30	0 34	6 15	1 44	23 33	8 15	23 4	23 9	20 10	17 5	4 50
S 29	3 34	22 25	1n 2	4 3	2 30	17 45	1 1	24 55	2 34	22 55	0 10	10 48	1 30	21 30	0 34	6 14	1 44	23 33	8 15	23 4	23 8	20 8	17 6	4 50
S 30	3 57	20 46	2 2	3 31	2 16	18 9	1 5	24 50	2 32	22 56	0 10	10 46	1 30	21 30	0 34	6 14	1 44	23 33	8 15	23 4	23 8	20 7	17 7	4 49
M31	4n20	18s14	2n57	2n59	2n 1	18n32	1n 8	24n46	2n31	22n57	0s10	10s43	1s30	21n30	0n34	6s13	1n44	23s33	8s16	23s 4	23s 8	20s 5	17n 7	4s49

Julian Day Number = 2374173.5, Delta T = 21.92 sec
Ecliptic obliquity = 23°28'00, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°46'57, Lahiri = 20°53'58Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

APRIL 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 40 2	11♈55'29	7♒ 3	2°R 9	19♉59	18♋15	20♊25	6♓ 6	26°R 6	19°R59	17♒15	19°R38	20♐32	17♑13	9♊29	T 1
W 2	12 43 58	12°54'33	19° 6	1♈30	21° 9	18°38	20°33	6°12	26♋ 6	19♎57	17°16	19♐33	20°29	17°20	9°32	W 2
T 3	12 47 55	13°53'36	1♓23	0°55	22°20	19° 1	20°42	6°19	26°D 6	19°55	17°17	19°25	20°25	17°26	9°35	T 3
F 4	12 51 51	14°52'36	13°57	0°25	23°30	19°24	20°51	6°25	26° 6	19°54	17°18	19°15	20°22	17°33	9°39	F 4
S 5	12 55 48	15°51'34	26°48	0° 0	24°40	19°48	21° 0	6°31	26° 6	19°52	17°19	19° 4	20°19	17°40	9°42	S 5
S 6	12 59 44	16°50'31	9♈57	29♓41	25°50	20°12	21° 9	6°37	26° 7	19°50	17°20	18°53	20°16	17°46	9°46	S 6
M 7	13 3 41	17°49'25	23°23	29°27	27° 0	20°36	21°18	6°43	26° 7	19°49	17°21	18°43	20°13	17°53	9°50	M 7
T 8	13 7 37	18°48'18	7♉ 3	29°18	28°10	21° 1	21°28	6°49	26° 7	19°47	17°22	18°35	20°10	18° 0	9°53	T 8
W 9	13 11 34	19°47'08	20°53	29°D14	29°19	21°26	21°37	6°55	26° 7	19°46	17°23	18°29	20° 6	18° 6	9°57	W 9
T 10	13 15 31	20°45'57	4♊52	29°16	0♊29	21°51	21°47	7° 1	26° 8	19°44	17°24	18°26	20° 3	18°13	10° 1	T 10
F 11	13 19 27	21°44'43	18°56	29°23	1°38	22°16	21°57	7° 7	26° 8	19°42	17°25	18°D26	20° 0	18°19	10° 5	F 11
S 12	13 23 24	22°43'27	3♋ 3	29°35	2°48	22°41	22° 6	7°13	26° 9	19°41	17°26	18°26	19°57	18°26	10° 8	S 12
S 13	13 27 20	23°42'09	17°11	29°52	3°57	23° 7	22°16	7°19	26° 9	19°39	17°27	18°R27	19°54	18°33	10°12	S 13
M14	13 31 17	24°40'48	1♌20	0♈13	5° 6	23°33	22°26	7°25	26°10	19°37	17°28	18°27	19°50	18°39	10°16	M14
T 15	13 35 13	25°39'25	15°27	0°39	6°15	23°59	22°36	7°30	26°10	19°36	17°29	18°25	19°47	18°46	10°20	T 15
W16	13 39 10	26°38'00	29°31	1°10	7°24	24°26	22°47	7°36	26°11	19°34	17°30	18°21	19°44	18°53	10°24	W16
T 17	13 43 6	27°36'33	13♍30	1°44	8°32	24°52	22°57	7°42	26°12	19°32	17°30	18°15	19°41	18°59	10°28	T 17
F 18	13 47 3	28°35'03	27°20	2°22	9°41	25°19	23° 7	7°47	26°13	19°31	17°31	18° 8	19°38	19° 6	10°33	F 18
S 19	13 51 0	29°33'32	11♎ 0	3° 5	10°49	25°46	23°18	7°53	26°14	19°29	17°32	18° 0	19°35	19°13	10°37	S 19
S 20	13 54 56	0♉31'58	24°26	3°50	11°57	26°13	23°29	7°58	26°14	19°28	17°33	17°52	19°31	19°19	10°41	S 20
M21	13 58 53	1°30'23	7♏35	4°40	13° 5	26°40	23°39	8° 3	26°15	19°26	17°33	17°45	19°28	19°26	10°45	M21
T 22	14 2 49	2°28'45	20°26	5°32	14°13	27° 8	23°50	8° 8	26°16	19°24	17°34	17°40	19°25	19°33	10°49	T 22
W23	14 6 46	3°27'06	3♐ 1	6°28	15°21	27°36	24° 1	8°14	26°17	19°23	17°35	17°37	19°22	19°39	10°54	W23
T 24	14 10 42	4°25'26	15°19	7°26	16°28	28° 3	24°12	8°19	26°19	19°21	17°35	17°D35	19°19	19°46	10°58	T 24
F 25	14 14 39	5°23'44	27°25	8°28	17°36	28°32	24°23	8°24	26°20	19°20	17°36	17°36	19°15	19°53	11° 3	F 25
S 26	14 18 35	6°22'00	9♑20	9°32	18°43	29° 0	24°34	8°29	26°21	19°18	17°37	17°37	19°12	19°59	11° 7	S 26
S 27	14 22 32	7°20'14	21°11	10°39	19°50	29°28	24°45	8°34	26°22	19°17	17°37	17°39	19° 9	20° 6	11°12	S 27
M28	14 26 29	8°18'27	3♒ 1	11°49	20°57	29°57	24°57	8°39	26°24	19°15	17°38	17°R40	19° 6	20°13	11°16	M28
T 29	14 30 25	9°16'39	14°56	13° 1	22° 3	0♌25	25° 8	8°43	26°25	19°13	17°38	17°40	19° 3	20°19	11°21	T 29
W30	14 34 22	10♉14'49	27♒ 1	14♈16	23♊10	0♌54	25♊19	8♓48	26♋26	19♎12	17♒39	17♐38	19♐ 0	20♑26	11♊25	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	4n43	14s55	3n44	2n28	1n46	18n54	1n11	24n42	2n30	22n58	0s10	10s41	1s31	21n30	0n34	6s12	1n44	23s32	8s16	23s 4	23s 8	20s 4	17n 8	4s49
W 2	5 6	10 57	4 22	1 58	1 30	19 16	1 15	24 37	2 29	22 58	0 10	10 39	1 31	21 30	0 34	6 12	1 44	23 32	8 16	23 3	23 7	20 2	17 9	4 49
T 3	5 29	6 30	4 49	1 30	1 14	19 38	1 18	24 33	2 27	22 59	0 9	10 37	1 31	21 30	0 34	6 11	1 44	23 32	8 16	23 3	23 7	20 0	17 9	4 49
F 4	5 52	1 41	5 2	1 3	0 58	19 59	1 21	24 28	2 26	23 0	0 9	10 35	1 31	21 30	0 34	6 11	1 45	23 32	8 17	23 2	23 7	19 59	17 10	4 48
S 5	6 15	3n19	5 1	0 38	0 42	20 20	1 25	24 23	2 25	23 1	0 9	10 32	1 31	21 30	0 34	6 10	1 45	23 32	8 17	23 1	23 7	19 57	17 11	4 48
S 6	6 38	8 17	4 43	0 16	0 26	20 40	1 28	24 19	2 23	23 1	0 9	10 30	1 31	21 30	0 34	6 9	1 45	23 32	8 17	23 0	23 7	19 55	17 11	4 48
M 7	7 0	12 58	4 10	0s 4	0 10	20 59	1 31	24 14	2 22	23 2	0 9	10 28	1 31	21 30	0 34	6 9	1 45	23 32	8 17	22 59	23 6	19 54	17 12	4 48
T 8	7 23	17 4	3 22	0 22	0s 5	21 18	1 34	24 9	2 21	23 3	0 9	10 26	1 32	21 30	0 34	6 8	1 45	23 32	8 18	22 59	23 6	19 52	17 13	4 48
W 9	7 45	20 17	2 22	0 37	0 20	21 37	1 38	24 4	2 20	23 3	0 9	10 24	1 32	21 30	0 34	6 7	1 45	23 32	8 18	22 58	23 6	19 51	17 14	4 47
T 10	8 7	22 19	1 12	0 49	0 35	21 55	1 41	23 58	2 19	23 4	0 8	10 22	1 32	21 30	0 34	6 7	1 45	23 32	8 18	22 58	23 6	19 49	17 14	4 47
F 11	8 29	22 58	0s 3	0 59	0 48	22 13	1 44	23 53	2 17	23 5	0 8	10 20	1 32	21 30	0 34	6 6	1 45	23 31	8 18	22 58	23 5	19 47	17 15	4 47
S 12	8 51	22 8	1 18	1 6	1 1	22 29	1 47	23 48	2 16	23 6	0 8	10 18	1 32	21 30	0 34	6 6	1 45	23 31	8 19	22 58	23 5	19 46	17 16	4 47
S 13	9 13	19 55	2 28	1 11	1 14	22 46	1 50	23 42	2 15	23 6	0 8	10 16	1 32	21 30	0 34	6 5	1 45	23 31	8 19	22 58	23 5	19 44	17 16	4 47
M14	9 34	16 29	3 29	1 13	1 25	23 2	1 53	23 36	2 14	23 7	0 8	10 14	1 33	21 30	0 34	6 4	1 45	23 31	8 19	22 58	23 5	19 42	17 17	4 47
T 15	9 56	12 7	4 18	1 13	1 36	23 17	1 56	23 31	2 13	23 8	0 8	10 12	1 33	21 29	0 34	6 4	1 45	23 31	8 19	22 58	23 4	19 41	17 18	4 46
W16	10 17	7 7	4 51	1 10	1 47	23 31	1 59	23 25	2 11	23 8	0 8	10 10	1 33	21 29	0 34	6 3	1 45	23 31	8 20	22 57	23 4	19 39	17 19	4 46
T 17	10 38	1 47	5 6	1 5	1 56	23 45	2 2	23 19	2 10	23 9	0 8	10 8	1 33	21 29	0 34	6 2	1 45	23 31	8 20	22 57	23 4	19 37	17 19	4 46
F 18	10 59	3s34	5 3	0 58	2 5	23 59	2 4	23 13	2 9	23 10	0 7	10 6	1 33	21 29	0 34	6 2	1 45	23 31	8 20	22 56	23 4	19 36	17 20	4 46
S 19	11 20	8 41	4 43	0 49	2 13	24 11	2 7	23 7	2 8	23 10	0 7	10 4	1 33	21 29	0 34	6 1	1 45	23 31	8 21	22 55	23 3	19 34	17 21	4 46
S 20	11 40	13 18	4 7	0 37	2 20	24 24	2 10	23 1	2 7	23 11	0 7	10 2	1 34	21 28	0 33	6 1	1 45	23 31	8 21	22 55	23 3	19 32	17 21	4 46
M21	12 1	17 11	3 19	0 24	2 27	24 35	2 12	22 54	2 6	23 12	0 7	10 0	1 34	21 28	0 33	6 0	1 45	23 31	8 21	22 54	23 3	19 30	17 22	4 46
T 22	12 21	20 9	2 22	0 9	2 33	24 46	2 15	22 48	2 5	23 12	0 7	9 59	1 34	21 28	0 33	5 59	1 45	23 31	8 21	22 54	23 3	19 29	17 23	4 45
W23	12 41	22 4	1 18	0n 9	2 38	24 56	2 17	22 41	2 4	23 13	0 7	9 57	1 34	21 28	0 33	5 59	1 45	23 32	8 22	22 53	23 2	19 27	17 24	4 45
T 24	13 1	22 52	0 12	0 28	2 43	25 6	2 20	22 34	2 3	23 14	0 7	9 55	1 34	21 28	0 33	5 58	1 44	23 32	8 22	22 53	23 2	19 25	17 24	4 45
F 25	13 20	22 33	0n53	0 48	2 47	25 15	2 22	22 28	2 1	23 14	0 7	9 53	1 34	21 27	0 33	5 58	1 44	23 32	8 22	22 53	23 2	19 24	17 25	4 45
S 26	13 39	21 13	1 55	1 10	2 50	25 23	2 24	22 21	2 0	23 15	0 7	9 52	1 35	21 27	0 33	5 57	1 44	23 32	8 23	22 53	23 2	19 22	17 26	4 45
S 27	13 59	18 57	2 52	1 34	2 53	25 31	2 27	22 14	1 59	23 15	0 6	9 50	1 35	21 27	0 33	5 57	1 44	23 32	8 23	22 54	23 1	19 20	17 26	4 45
M28	14 17	15 54	3 42	2 0	2 55	25 38	2 29	22 7	1 58	23 16	0 6	9 48	1 35	21 27	0 33	5 56	1 44	23 32	8 23	22 54	23 1	19 18	17 27	4 45
T 29	14 36	12 11	4 22	2 26	2 56	25 44	2 31	21 59	1 57	23 16	0 6	9 47	1 35	21 26	0 33	5 55	1 44	23 32	8 23	22 54	23 1	19 17	17 28	4 45
W30	14n55	7s57	4n52	2n55	2s57	25n50	2n33	21n52	1n56	23n17	0s 6	9s45	1s35	21n26	0n33	5s55	1n44	23s32	8s24	22s53	23s 1	19s15	17n29	4s45

Julian Day Number = 2374204.5, Delta T = 21.91 sec
Ecliptic obliquity = 23°28'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°47'02, Lahiri = 20°54'02Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

MAY 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 18	11♉12'58	9♓20	15♈33	24♊16	1♌23	25♊31	8♓53	26♋28	19°R10	17♒39	17°R35	18♐56	20♑33	11♊30	T 1
F 2	14 42 15	12°11'05	21°57	16°52	25°22	1°53	25°42	8°57	26°29	19♎ 9	17°40	17♐31	18°53	20°39	11°35	F 2
S 3	14 46 11	13° 9'10	4♈55	18°13	26°28	2°22	25°54	9° 2	26°31	19° 7	17°40	17°26	18°50	20°46	11°39	S 3
S 4	14 50 8	14° 7'14	18°15	19°37	27°34	2°52	26° 6	9° 6	26°32	19° 6	17°40	17°20	18°47	20°53	11°44	S 4
M 5	14 54 4	15° 5'17	1♉56	21° 3	28°39	3°21	26°18	9°10	26°34	19° 5	17°41	17°15	18°44	20°59	11°49	M 5
T 6	14 58 1	16° 3'18	15°57	22°31	29°45	3°51	26°29	9°15	26°36	19° 3	17°41	17°11	18°41	21° 6	11°53	T 6
W 7	15 1 58	17° 1'18	0♊12	24° 1	0♋50	4°21	26°41	9°19	26°38	19° 2	17°41	17° 9	18°37	21°13	11°58	W 7
T 8	15 5 54	17°59'16	14°37	25°34	1°55	4°51	26°53	9°23	26°39	19° 0	17°42	17°D 8	18°34	21°19	12° 3	T 8
F 9	15 9 51	18°57'13	29° 6	27° 8	2°59	5°21	27° 6	9°27	26°41	18°59	17°42	17° 8	18°31	21°26	12° 8	F 9
S 10	15 13 47	19°55'07	13♋35	28°44	4° 4	5°52	27°18	9°31	26°43	18°58	17°42	17° 9	18°28	21°33	12°13	S 10
S 11	15 17 44	20°53'00	28° 0	0♉23	5° 8	6°22	27°30	9°35	26°45	18°56	17°42	17°11	18°25	21°39	12°18	S 11
M12	15 21 40	21°50'51	12♌16	2° 4	6°12	6°53	27°42	9°39	26°47	18°55	17°42	17°12	18°21	21°46	12°23	M12
T 13	15 25 37	22°48'40	26°22	3°46	7°15	7°24	27°54	9°42	26°49	18°54	17°43	17°R12	18°18	21°53	12°28	T 13
W14	15 29 33	23°46'28	10♍16	5°31	8°18	7°54	28° 7	9°46	26°51	18°52	17°43	17°11	18°15	21°59	12°33	W14
T 15	15 33 30	24°44'14	23°57	7°18	9°22	8°25	28°19	9°49	26°53	18°51	17°43	17° 9	18°12	22° 6	12°38	T 15
F 16	15 37 27	25°41'58	7♎26	9° 7	10°24	8°57	28°32	9°53	26°55	18°50	17°43	17° 7	18° 9	22°13	12°43	F 16
S 17	15 41 23	26°39'40	20°41	10°58	11°27	9°28	28°44	9°56	26°58	18°49	17°43	17° 4	18° 6	22°19	12°48	S 17
S 18	15 45 20	27°37'21	3♏41	12°51	12°29	9°59	28°57	9°59	27° 0	18°47	17°R43	17° 1	18° 2	22°26	12°53	S 18
M19	15 49 16	28°35'01	16°28	14°46	13°31	10°31	29° 9	10° 3	27° 2	18°46	17°43	16°59	17°59	22°33	12°58	M19
T 20	15 53 13	29°32'39	29° 2	16°43	14°32	11° 2	29°22	10° 6	27° 4	18°45	17°43	16°57	17°56	22°39	13° 3	T 20
W21	15 57 9	0♊30'16	11♐23	18°42	15°33	11°34	29°35	10° 9	27° 7	18°44	17°43	16°D56	17°53	22°46	13° 8	W21
T 22	16 1 6	1°27'52	23°32	20°43	16°34	12° 6	29°47	10°12	27° 9	18°43	17°43	16°56	17°50	22°53	13°13	T 22
F 23	16 5 2	2°25'27	5♑32	22°46	17°35	12°38	0♋ 0	10°14	27°12	18°42	17°43	16°57	17°47	22°59	13°18	F 23
S 24	16 8 59	3°23'01	17°26	24°50	18°35	13°10	0°13	10°17	27°14	18°41	17°42	16°58	17°43	23° 6	13°23	S 24
S 25	16 12 56	4°20'33	29°16	26°57	19°35	13°42	0°26	10°20	27°17	18°40	17°42	16°59	17°40	23°13	13°28	S 25
M26	16 16 52	5°18'05	11♒ 6	29° 4	20°34	14°14	0°39	10°22	27°19	18°39	17°42	17° 0	17°37	23°20	13°33	M26
T 27	16 20 49	6°15'36	23° 1	1♊13	21°33	14°46	0°52	10°25	27°22	18°38	17°42	17° 1	17°34	23°26	13°39	T 27
W28	16 24 45	7°13'06	5♓ 6	3°23	22°32	15°19	1° 5	10°27	27°24	18°37	17°42	17°R 1	17°31	23°33	13°44	W28
T 29	16 28 42	8°10'36	17°24	5°34	23°30	15°51	1°18	10°30	27°27	18°36	17°41	17° 1	17°27	23°40	13°49	T 29
F 30	16 32 38	9° 8'04	29°59	7°46	24°28	16°24	1°31	10°32	27°30	18°35	17°41	17° 1	17°24	23°46	13°54	F 30
S 31	16 36 35	10♊ 5'32	12♈57	9♊58	25♋25	16♌57	1♋44	10♓34	27♋33	18♎34	17♒41	17♐ 0	17♐21	23♑53	13♊59	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	15n13	3s19	5n 8	3n24	2s57	25n55	2n34	21n45	1n55	23n17	0s 6	9s44	1s36	21n26	0n33	5s54	1n44	23s32	8s24	22s53	23s 0	19s13	17n29	4s45
F 2	15 31	1n34	5 11	3 55	2 56	25 59	2 36	21 37	1 54	23 18	0 6	9 42	1 36	21 25	0 33	5 54	1 44	23 32	8 24	22 53	23 0	19 12	17 30	4 44
S 3	15 48	6 30	4 57	4 27	2 55	26 3	2 38	21 29	1 53	23 18	0 6	9 41	1 36	21 25	0 33	5 53	1 44	23 33	8 25	22 52	23 0	19 10	17 31	4 44
S 4	16 6	11 17	4 28	5 0	2 54	26 6	2 39	21 22	1 52	23 19	0 6	9 39	1 36	21 25	0 33	5 53	1 44	23 33	8 25	22 52	23 0	19 8	17 31	4 44
M 5	16 23	15 38	3 42	5 34	2 51	26 9	2 41	21 14	1 51	23 19	0 6	9 38	1 36	21 24	0 33	5 52	1 44	23 33	8 25	22 51	22 59	19 6	17 32	4 44
T 6	16 40	19 13	2 42	6 10	2 49	26 10	2 42	21 6	1 50	23 20	0 5	9 36	1 37	21 24	0 33	5 52	1 44	23 33	8 25	22 51	22 59	19 5	17 33	4 44
W 7	16 56	21 42	1 31	6 46	2 45	26 11	2 44	20 58	1 49	23 20	0 5	9 35	1 37	21 24	0 33	5 51	1 44	23 33	8 26	22 51	22 59	19 3	17 33	4 44
T 8	17 13	22 48	0 14	7 23	2 41	26 12	2 45	20 49	1 48	23 21	0 5	9 33	1 37	21 23	0 33	5 51	1 44	23 33	8 26	22 51	22 58	19 1	17 34	4 44
F 9	17 29	22 22	1s 5	8 2	2 37	26 12	2 46	20 41	1 47	23 21	0 5	9 32	1 37	21 23	0 33	5 50	1 44	23 34	8 26	22 51	22 58	18 59	17 35	4 44
S 10	17 44	20 27	2 20	8 41	2 32	26 11	2 47	20 33	1 46	23 21	0 5	9 31	1 37	21 23	0 33	5 50	1 44	23 34	8 27	22 51	22 58	18 58	17 35	4 44
S 11	18 0	17 13	3 26	9 20	2 26	26 9	2 48	20 24	1 45	23 22	0 5	9 30	1 38	21 22	0 33	5 49	1 44	23 34	8 27	22 51	22 58	18 56	17 36	4 44
M12	18 15	13 0	4 18	10 1	2 20	26 7	2 48	20 15	1 44	23 22	0 5	9 28	1 38	21 22	0 33	5 49	1 44	23 34	8 27	22 51	22 57	18 54	17 37	4 44
T 13	18 30	8 8	4 54	10 42	2 13	26 5	2 49	20 6	1 43	23 22	0 5	9 27	1 38	21 21	0 33	5 48	1 44	23 34	8 27	22 51	22 57	18 52	17 37	4 44
W14	18 44	2 54	5 12	11 23	2 6	26 1	2 49	19 58	1 42	23 23	0 5	9 26	1 38	21 21	0 33	5 48	1 44	23 35	8 28	22 51	22 57	18 51	17 38	4 44
T 15	18 58	2s23	5 12	12 6	1 59	25 57	2 50	19 49	1 41	23 23	0 4	9 25	1 38	21 21	0 33	5 47	1 44	23 35	8 28	22 51	22 56	18 49	17 39	4 44
F 16	19 12	7 28	4 55	12 48	1 51	25 53	2 50	19 39	1 40	23 23	0 4	9 24	1 39	21 20	0 33	5 47	1 44	23 35	8 28	22 50	22 56	18 47	17 39	4 44
S 17	19 26	12 8	4 22	13 31	1 42	25 48	2 50	19 30	1 40	23 23	0 4	9 23	1 39	21 20	0 33	5 46	1 44	23 35	8 29	22 50	22 56	18 45	17 40	4 44
S 18	19 39	16 9	3 36	14 14	1 33	25 42	2 50	19 21	1 39	23 24	0 4	9 22	1 39	21 19	0 33	5 46	1 44	23 36	8 29	22 50	22 56	18 43	17 41	4 44
M19	19 52	19 20	2 40	14 57	1 24	25 36	2 50	19 11	1 38	23 24	0 4	9 21	1 39	21 19	0 33	5 46	1 44	23 36	8 29	22 50	22 55	18 42	17 41	4 44
T 20	20 5	21 33	1 37	15 39	1 15	25 29	2 50	19 2	1 37	23 24	0 4	9 20	1 40	21 18	0 33	5 45	1 44	23 36	8 29	22 50	22 55	18 40	17 42	4 44
W21	20 17	22 41	0 31	16 22	1 5	25 22	2 49	18 52	1 36	23 24	0 4	9 19	1 40	21 18	0 33	5 45	1 44	23 37	8 30	22 49	22 55	18 38	17 42	4 44
T 22	20 29	22 42	0n36	17 4	0 55	25 14	2 49	18 42	1 35	23 24	0 4	9 18	1 40	21 17	0 33	5 44	1 44	23 37	8 30	22 49	22 54	18 36	17 43	4 44
F 23	20 40	21 40	1 41	17 46	0 44	25 5	2 48	18 32	1 34	23 24	0 4	9 17	1 40	21 17	0 33	5 44	1 44	23 37	8 30	22 50	22 54	18 34	17 44	4 44
S 24	20 51	19 40	2 41	18 27	0 34	24 56	2 47	18 22	1 33	23 24	0 3	9 16	1 40	21 16	0 33	5 44	1 44	23 38	8 31	22 50	22 54	18 33	17 44	4 44
S 25	21 2	16 51	3 34	19 7	0 23	24 46	2 46	18 12	1 32	23 25	0 3	9 15	1 41	21 16	0 33	5 43	1 44	23 38	8 31	22 50	22 54	18 31	17 45	4 44
M26	21 13	13 20	4 17	19 46	0 13	24 36	2 45	18 2	1 31	23 25	0 3	9 15	1 41	21 15	0 33	5 43	1 44	23 38	8 31	22 50	22 53	18 29	17 45	4 44
T 27	21 23	9 17	4 50	20 24	0 2	24 26	2 44	17 52	1 30	23 25	0 3	9 14	1 41	21 15	0 33	5 43	1 44	23 38	8 31	22 50	22 53	18 27	17 46	4 44
W28	21 32	4 50	5 10	21 0	0n 9	24 15	2 42	17 41	1 30	23 25	0 3	9 13	1 41	21 14	0 33	5 42	1 44	23 39	8 32	22 50	22 53	18 25	17 46	4 44
T 29	21 42	0 7	5 17	21 34	0 19	24 3	2 41	17 31	1 29	23 25	0 3	9 13	1 42	21 14	0 33	5 42	1 44	23 39	8 32	22 50	22 52	18 23	17 47	4 44
F 30	21 51	4n43	5 9	22 7	0 29	23 51	2 39	17 20	1 28	23 25	0 3	9 12	1 42	21 13	0 33	5 42	1 44	23 40	8 32	22 50	22 52	18 22	17 48	4 44
S 31	21n59	9n30	4n45	22n37	0n39	23n39	2n37	17n 9	1n27	23n25	0s 3	9s11	1s42	21n13	0n33	5s41	1n43	23s40	8s33	22s50	22s52	18s20	17n48	4s44

Julian Day Number = 2374234.5, Delta T = 21.90 sec
Ecliptic obliquity = 23°27'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°47'06, Lahiri = 20°54'06Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

JUNE 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 31	11♊ 2'59	26♈19	12♊10	26♋22	17♌29	1♋57	10♓36	27♋35	18°R33	17°R40	16°R59	17♐18	24♑ 0	14♊ 4	S 1
M 2	16 44 28	12° 0'25	10♉ 6	14°22	27°18	18° 2	2°10	10°38	27°38	18♎32	17♒40	16♐59	17°15	24° 6	14°10	M 2
T 3	16 48 25	12°57'51	24°17	16°33	28°14	18°35	2°24	10°39	27°41	18°31	17°40	16°58	17°12	24°13	14°15	T 3
W 4	16 52 21	13°55'16	8♊48	18°44	29°10	19° 8	2°37	10°41	27°44	18°30	17°39	16°58	17° 8	24°20	14°20	W 4
T 5	16 56 18	14°52'41	23°34	20°54	0♌ 5	19°42	2°50	10°43	27°47	18°30	17°39	16°D58	17° 5	24°26	14°25	T 5
F 6	17 0 14	15°50'04	8♋27	23° 3	0°59	20°15	3° 3	10°44	27°50	18°29	17°38	16°58	17° 2	24°33	14°30	F 6
S 7	17 4 11	16°47'27	23°21	25°10	1°53	20°48	3°17	10°46	27°53	18°28	17°38	16°R58	16°59	24°40	14°36	S 7
S 8	17 8 7	17°44'48	8♌ 7	27°16	2°46	21°22	3°30	10°47	27°56	18°28	17°37	16°58	16°56	24°46	14°41	S 8
M 9	17 12 4	18°42'09	22°39	29°20	3°39	21°55	3°43	10°48	27°59	18°27	17°37	16°58	16°53	24°53	14°46	M 9
T 10	17 16 0	19°39'28	6♍54	1♋22	4°31	22°29	3°57	10°49	28° 2	18°26	17°36	16°58	16°49	25° 0	14°51	T 10
W11	17 19 57	20°36'46	20°49	3°22	5°22	23° 3	4°10	10°50	28° 5	18°26	17°36	16°D58	16°46	25° 6	14°57	W11
T 12	17 23 54	21°34'04	4♎24	5°20	6°13	23°36	4°24	10°51	28° 8	18°25	17°35	16°58	16°43	25°13	15° 2	T 12
F 13	17 27 50	22°31'21	17°39	7°16	7° 3	24°10	4°37	10°52	28°11	18°25	17°34	16°58	16°40	25°20	15° 7	F 13
S 14	17 31 47	23°28'37	0♏36	9°10	7°52	24°44	4°51	10°53	28°14	18°24	17°34	16°59	16°37	25°26	15°12	S 14
S 15	17 35 43	24°25'52	13°18	11° 1	8°40	25°18	5° 4	10°53	28°17	18°24	17°33	17° 0	16°33	25°33	15°17	S 15
M16	17 39 40	25°23'06	25°46	12°50	9°28	25°52	5°18	10°54	28°21	18°23	17°32	17° 0	16°30	25°40	15°22	M16
T 17	17 43 36	26°20'20	8♐ 3	14°37	10°15	26°27	5°31	10°54	28°24	18°23	17°32	17° 1	16°27	25°46	15°28	T 17
W18	17 47 33	27°17'33	20°10	16°21	11° 1	27° 1	5°45	10°55	28°27	18°23	17°31	17°R 1	16°24	25°53	15°33	W18
T 19	17 51 30	28°14'46	2♑10	18° 4	11°46	27°35	5°58	10°55	28°30	18°22	17°30	17° 0	16°21	26° 0	15°38	T 19
F 20	17 55 26	29°11'59	14° 4	19°44	12°31	28°10	6°12	10°55	28°34	18°22	17°29	16°59	16°18	26° 6	15°43	F 20
S 21	17 59 23	0♋ 9'11	25°55	21°21	13°14	28°44	6°25	10°R55	28°37	18°22	17°29	16°58	16°14	26°13	15°48	S 21
S 22	18 3 19	1° 6'23	7♒45	22°56	13°56	29°19	6°39	10°55	28°40	18°21	17°28	16°56	16°11	26°20	15°53	S 22
M23	18 7 16	2° 3'35	19°36	24°29	14°38	29°53	6°52	10°55	28°44	18°21	17°27	16°54	16° 8	26°26	15°58	M23
T 24	18 11 12	3° 0'47	1♓32	25°59	15°18	0♍28	7° 6	10°55	28°47	18°21	17°26	16°52	16° 5	26°33	16° 3	T 24
W25	18 15 9	3°57'59	13°37	27°27	15°57	1° 3	7°19	10°54	28°51	18°21	17°25	16°50	16° 2	26°40	16° 8	W25
T 26	18 19 5	4°55'11	25°54	28°53	16°36	1°38	7°33	10°54	28°54	18°21	17°24	16°49	15°59	26°46	16°13	T 26
F 27	18 23 2	5°52'23	8♈27	0♌16	17°12	2°13	7°47	10°53	28°57	18°21	17°23	16°D49	15°55	26°53	16°18	F 27
S 28	18 26 58	6°49'35	21°20	1°37	17°48	2°48	8° 0	10°53	29° 1	18°21	17°22	16°49	15°52	27° 0	16°23	S 28
S 29	18 30 55	7°46'47	4♉37	2°55	18°23	3°23	8°14	10°52	29° 4	18°D21	17°21	16°50	15°49	27° 6	16°28	S 29
M30	18 34 52	8♋44'00	18♉20	4♌10	18♌56	3♍58	8♋27	10♓51	29♋ 8	18♎21	17♒20	16♐52	15♐46	27♑13	16♊33	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	22n 7	13n59	4n 6	23n 5	0n49	23n26	2n35	16n59	1n26	23n24	0s 3	9s11	1s42	21n12	0n33	5s41	1n43	23s40	8s33	22s50	22s52	18s18	17n49	4s44
M 2	22 15	17 53	3 11	23 31	0 58	23 13	2 32	16 48	1 25	23 24	0 3	9 10	1 43	21 11	0 33	5 41	1 43	23 41	8 33	22 50	22 51	18 16	17 49	4 44
T 3	22 23	20 51	2 3	23 54	1 7	22 59	2 30	16 37	1 24	23 24	0 2	9 10	1 43	21 11	0 33	5 40	1 43	23 41	8 33	22 50	22 51	18 14	17 50	4 44
W 4	22 30	22 32	0 45	24 14	1 15	22 45	2 27	16 25	1 24	23 24	0 2	9 9	1 43	21 10	0 33	5 40	1 43	23 41	8 34	22 50	22 51	18 12	17 50	4 44
T 5	22 36	22 42	0s37	24 32	1 23	22 30	2 24	16 14	1 23	23 24	0 2	9 9	1 43	21 10	0 33	5 40	1 43	23 42	8 34	22 50	22 50	18 11	17 51	4 44
F 6	22 43	21 15	1 57	24 47	1 30	22 15	2 21	16 3	1 22	23 24	0 2	9 9	1 44	21 9	0 33	5 40	1 43	23 42	8 34	22 50	22 50	18 9	17 51	4 45
S 7	22 49	18 21	3 9	24 59	1 36	22 0	2 18	15 51	1 21	23 23	0 2	9 8	1 44	21 9	0 33	5 39	1 43	23 43	8 34	22 50	22 50	18 7	17 52	4 45
S 8	22 54	14 16	4 8	25 8	1 42	21 45	2 15	15 40	1 20	23 23	0 2	9 8	1 44	21 8	0 33	5 39	1 43	23 43	8 35	22 50	22 49	18 5	17 52	4 45
M 9	22 59	9 25	4 49	25 14	1 46	21 29	2 11	15 28	1 19	23 23	0 2	9 8	1 44	21 7	0 33	5 39	1 43	23 43	8 35	22 50	22 49	18 3	17 53	4 45
T 10	23 4	4 9	5 13	25 18	1 51	21 13	2 7	15 16	1 19	23 23	0 2	9 8	1 44	21 7	0 33	5 39	1 43	23 44	8 35	22 50	22 49	18 1	17 53	4 45
W11	23 8	1s13	5 17	25 19	1 54	20 56	2 3	15 5	1 18	23 22	0 2	9 7	1 45	21 6	0 33	5 39	1 43	23 44	8 36	22 50	22 48	17 59	17 54	4 45
T 12	23 12	6 23	5 3	25 18	1 57	20 39	1 59	14 53	1 17	23 22	0 2	9 7	1 45	21 5	0 33	5 39	1 43	23 45	8 36	22 50	22 48	17 58	17 54	4 45
F 13	23 15	11 8	4 33	25 14	1 59	20 23	1 54	14 41	1 16	23 22	0 1	9 7	1 45	21 5	0 33	5 38	1 43	23 45	8 36	22 50	22 48	17 56	17 54	4 45
S 14	23 18	15 17	3 50	25 8	2 0	20 5	1 50	14 28	1 15	23 21	0 1	9 7	1 45	21 4	0 33	5 38	1 43	23 46	8 36	22 50	22 48	17 54	17 55	4 45
S 15	23 21	18 39	2 56	25 0	2 0	19 48	1 45	14 16	1 15	23 21	0 1	9 7	1 46	21 3	0 33	5 38	1 43	23 46	8 37	22 50	22 47	17 52	17 55	4 46
M16	23 23	21 5	1 55	24 50	2 0	19 30	1 40	14 4	1 14	23 20	0 1	9 7	1 46	21 3	0 33	5 38	1 43	23 47	8 37	22 50	22 47	17 50	17 56	4 46
T 17	23 25	22 29	0 50	24 38	1 59	19 12	1 34	13 51	1 13	23 20	0 1	9 7	1 46	21 2	0 32	5 38	1 43	23 47	8 37	22 50	22 47	17 48	17 56	4 46
W18	23 26	22 49	0n17	24 24	1 57	18 54	1 29	13 39	1 12	23 19	0 1	9 7	1 46	21 1	0 32	5 38	1 43	23 48	8 37	22 50	22 46	17 46	17 56	4 46
T 19	23 27	22 4	1 23	24 8	1 55	18 36	1 23	13 26	1 11	23 19	0 1	9 7	1 47	21 1	0 32	5 38	1 43	23 48	8 38	22 50	22 46	17 44	17 57	4 46
F 20	23 28	20 20	2 24	23 51	1 52	18 18	1 17	13 14	1 11	23 18	0 1	9 8	1 47	21 0	0 32	5 38	1 43	23 48	8 38	22 50	22 46	17 43	17 57	4 46
S 21	23 28	17 44	3 19	23 33	1 48	18 0	1 11	13 1	1 10	23 18	0 1	9 8	1 47	20 59	0 32	5 38	1 42	23 49	8 38	22 50	22 45	17 41	17 58	4 47
S 22	23 28	14 24	4 5	23 13	1 43	17 41	1 4	12 48	1 9	23 17	0 1	9 8	1 47	20 59	0 32	5 38	1 42	23 49	8 38	22 49	22 45	17 39	17 58	4 47
M23	23 27	10 30	4 41	22 52	1 38	17 23	0 57	12 35	1 8	23 17	0 1	9 8	1 48	20 58	0 32	5 38	1 42	23 50	8 38	22 49	22 45	17 37	17 58	4 47
T 24	23 26	6 11	5 5	22 30	1 33	17 4	0 50	12 22	1 7	23 16	0 0	9 9	1 48	20 57	0 32	5 37	1 42	23 50	8 39	22 49	22 44	17 35	17 59	4 47
W25	23 24	1 36	5 15	22 6	1 27	16 45	0 43	12 9	1 7	23 15	0 0	9 9	1 48	20 57	0 32	5 37	1 42	23 51	8 39	22 49	22 44	17 33	17 59	4 47
T 26	23 22	3n 8	5 12	21 42	1 20	16 27	0 36	11 56	1 6	23 15	0 0	9 9	1 48	20 56	0 32	5 37	1 42	23 51	8 39	22 49	22 44	17 31	17 59	4 47
F 27	23 20	7 51	4 54	21 18	1 12	16 8	0 28	11 43	1 5	23 14	0 0	9 10	1 49	20 55	0 32	5 38	1 42	23 52	8 39	22 49	22 43	17 29	17 59	4 48
S 28	23 17	12 21	4 20	20 52	1 5	15 50	0 20	11 29	1 4	23 13	0 0	9 10	1 49	20 54	0 32	5 38	1 42	23 52	8 40	22 49	22 43	17 27	18 0	4 48
S 29	23 14	16 24	3 32	20 26	0 56	15 31	0 11	11 16	1 4	23 13	0n 0	9 11	1 49	20 54	0 32	5 38	1 42	23 53	8 40	22 49	22 43	17 25	18 0	4 48
M30	23n11	19n43	2n31	20n 0	0n47	15n13	0n 3	11n 2	1n 3	23n12	0n 0	9s11	1s49	20n53	0n32	5s38	1n42	23s53	8s40	22s49	22s42	17s23	18n 0	4s48

Julian Day Number = 2374265.5, Delta T = 21.89 sec
Ecliptic obliquity = 23°27'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°47'10, Lahiri = 20°54'11Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

JULY 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 38 48	9♋41'13	2♊29	5♌23	19♌28	4♍33	8♋41	10°R50	29♋11	18♎21	17°R19	16♐53	15♐43	27♑20	16♊38	T 1
W 2	18 42 45	10°38'26	17° 4	6°33	19°58	5° 9	8°55	10♓49	29°15	18°21	17♒18	16°R53	15°39	27°27	16°43	W 2
T 3	18 46 41	11°35'39	1♋58	7°41	20°27	5°44	9° 8	10°48	29°19	18°21	17°17	16°53	15°36	27°33	16°48	T 3
F 4	18 50 38	12°32'53	17° 6	8°45	20°55	6°19	9°22	10°46	29°22	18°21	17°16	16°51	15°33	27°40	16°53	F 4
S 5	18 54 34	13°30'06	2♌17	9°47	21°21	6°55	9°35	10°45	29°26	18°21	17°15	16°48	15°30	27°47	16°58	S 5
S 6	18 58 31	14°27'20	17°22	10°45	21°45	7°31	9°49	10°44	29°29	18°21	17°14	16°44	15°27	27°53	17° 3	S 6
M 7	19 2 28	15°24'33	2♍12	11°41	22° 8	8° 6	10° 2	10°42	29°33	18°22	17°13	16°41	15°24	28° 0	17° 8	M 7
T 8	19 6 24	16°21'47	16°41	12°33	22°29	8°42	10°16	10°41	29°36	18°22	17°12	16°37	15°20	28° 7	17°12	T 8
W 9	19 10 21	17°19'00	0♎44	13°22	22°48	9°18	10°29	10°39	29°40	18°22	17°11	16°35	15°17	28°13	17°17	W 9
T 10	19 14 17	18°16'13	14°20	14° 7	23° 5	9°54	10°43	10°37	29°44	18°23	17°10	16°D34	15°14	28°20	17°22	T 10
F 11	19 18 14	19°13'26	27°32	14°49	23°20	10°30	10°56	10°35	29°47	18°23	17° 9	16°34	15°11	28°27	17°27	F 11
S 12	19 22 10	20°10'40	10♏21	15°27	23°34	11° 6	11°10	10°33	29°51	18°23	17° 8	16°35	15° 8	28°33	17°31	S 12
S 13	19 26 7	21° 7'53	22°52	16° 1	23°45	11°42	11°23	10°31	29°55	18°24	17° 6	16°37	15° 5	28°40	17°36	S 13
M14	19 30 3	22° 5'07	5♐ 8	16°30	23°54	12°18	11°37	10°29	29°58	18°24	17° 5	16°38	15° 1	28°47	17°40	M14
T 15	19 34 0	23° 2'21	17°12	16°56	24° 1	12°54	11°50	10°27	0♌ 2	18°25	17° 4	16°R39	14°58	28°53	17°45	T 15
W16	19 37 57	23°59'35	29°10	17°17	24° 6	13°30	12° 4	10°24	0° 6	18°25	17° 3	16°38	14°55	29° 0	17°50	W16
T 17	19 41 53	24°56'50	11♑ 2	17°34	24° 8	14° 7	12°17	10°22	0° 9	18°26	17° 2	16°36	14°52	29° 7	17°54	T 17
F 18	19 45 50	25°54'05	22°53	17°46	24°R 8	14°43	12°30	10°19	0°13	18°26	17° 0	16°31	14°49	29°13	17°58	F 18
S 19	19 49 46	26°51'21	4♒43	17°53	24° 6	15°19	12°44	10°17	0°17	18°27	16°59	16°25	14°45	29°20	18° 3	S 19
S 20	19 53 43	27°48'37	16°35	17°R55	24° 2	15°56	12°57	10°14	0°20	18°28	16°58	16°18	14°42	29°27	18° 7	S 20
M21	19 57 39	28°45'54	28°30	17°53	23°55	16°33	13°10	10°11	0°24	18°28	16°57	16°10	14°39	29°34	18°12	M21
T 22	20 1 36	29°43'11	10♓31	17°45	23°45	17° 9	13°24	10° 8	0°28	18°29	16°55	16° 3	14°36	29°40	18°16	T 22
W23	20 5 32	0♌40'30	22°39	17°32	23°34	17°46	13°37	10° 5	0°31	18°30	16°54	15°56	14°33	29°47	18°20	W23
T 24	20 9 29	1°37'49	4♈59	17°15	23°20	18°23	13°50	10° 3	0°35	18°31	16°53	15°51	14°30	29°54	18°24	T 24
F 25	20 13 26	2°35'10	17°32	16°52	23° 3	18°59	14° 3	9°59	0°39	18°31	16°52	15°48	14°26	0♒ 0	18°29	F 25
S 26	20 17 22	3°32'31	0♉22	16°25	22°44	19°36	14°16	9°56	0°43	18°32	16°50	15°D47	14°23	0° 7	18°33	S 26
S 27	20 21 19	4°29'53	13°32	15°54	22°24	20°13	14°30	9°53	0°46	18°33	16°49	15°47	14°20	0°14	18°37	S 27
M28	20 25 15	5°27'17	27° 7	15°18	22° 0	20°50	14°43	9°50	0°50	18°34	16°48	15°48	14°17	0°20	18°41	M28
T 29	20 29 12	6°24'42	11♊ 7	14°39	21°35	21°27	14°56	9°46	0°54	18°35	16°46	15°R49	14°14	0°27	18°45	T 29
W30	20 33 8	7°22'08	25°33	13°57	21° 8	22° 5	15° 9	9°43	0°57	18°36	16°45	15°49	14°11	0°34	18°49	W30
T 31	20 37 5	8♌19'35	10♋22	13♌13	20♌39	22♍42	15♋22	9♓39	1♌ 1	18♎37	16♒44	15♐46	14♐ 7	0♒40	18♊53	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	23n 7	21n58	1n19	19n33	0n38	14n54	0s 6	10n49	1n 2	23n11	0n 0	9s12	1s50	20n52	0n32	5s38	1n42	23s54	8s40	22s49	22s42	17s22	18n 1	4s48
W 2	23 2	22 49	0s 1	19 6	0 28	14 36	0 15	10 35	1 1	23 10	0 0	9 13	1 50	20 52	0 32	5 38	1 42	23 54	8 40	22 49	22 42	17 20	18 1	4 49
T 3	22 58	22 5	1 22	18 39	0 18	14 18	0 25	10 21	1 0	23 10	0 0	9 13	1 50	20 51	0 32	5 38	1 42	23 55	8 41	22 49	22 41	17 18	18 1	4 49
F 4	22 52	19 45	2 39	18 12	0 7	14 0	0 35	10 8	1 0	23 9	0 1	9 14	1 50	20 50	0 32	5 38	1 42	23 55	8 41	22 49	22 41	17 16	18 1	4 49
S 5	22 47	16 2	3 44	17 45	0s 4	13 42	0 45	9 54	0 59	23 8	0 1	9 15	1 50	20 49	0 32	5 38	1 42	23 56	8 41	22 49	22 41	17 14	18 2	4 49
S 6	22 41	11 18	4 33	17 18	0 16	13 24	0 55	9 40	0 58	23 7	0 1	9 15	1 51	20 49	0 32	5 38	1 42	23 57	8 41	22 48	22 40	17 12	18 2	4 50
M 7	22 34	5 59	5 3	16 51	0 28	13 7	1 5	9 26	0 57	23 6	0 1	9 16	1 51	20 48	0 32	5 38	1 42	23 57	8 41	22 48	22 40	17 10	18 2	4 50
T 8	22 28	0 27	5 13	16 25	0 40	12 50	1 16	9 12	0 57	23 5	0 1	9 17	1 51	20 47	0 32	5 39	1 42	23 58	8 42	22 48	22 40	17 8	18 2	4 50
W 9	22 21	4s56	5 4	15 59	0 53	12 33	1 27	8 57	0 56	23 4	0 1	9 18	1 51	20 46	0 32	5 39	1 42	23 58	8 42	22 47	22 39	17 6	18 2	4 50
T 10	22 13	9 55	4 37	15 33	1 6	12 17	1 39	8 43	0 55	23 3	0 1	9 19	1 52	20 45	0 32	5 39	1 41	23 59	8 42	22 47	22 39	17 4	18 2	4 51
F 11	22 5	14 17	3 57	15 9	1 19	12 1	1 51	8 29	0 55	23 2	0 1	9 20	1 52	20 45	0 32	5 39	1 41	23 59	8 42	22 47	22 38	17 2	18 3	4 51
S 12	21 57	17 52	3 5	14 45	1 33	11 45	2 3	8 15	0 54	23 1	0 1	9 21	1 52	20 44	0 32	5 39	1 41	24 0	8 42	22 47	22 38	17 0	18 3	4 51
S 13	21 48	20 33	2 6	14 22	1 46	11 30	2 15	8 0	0 53	23 0	0 1	9 22	1 52	20 43	0 32	5 39	1 41	24 0	8 43	22 48	22 38	16 58	18 3	4 51
M14	21 39	22 12	1 3	14 0	2 0	11 15	2 27	7 46	0 52	22 59	0 2	9 23	1 52	20 42	0 32	5 40	1 41	24 1	8 43	22 48	22 37	16 56	18 3	4 52
T 15	21 30	22 48	0n 3	13 39	2 14	11 1	2 40	7 31	0 52	22 58	0 2	9 24	1 53	20 42	0 32	5 40	1 41	24 1	8 43	22 48	22 37	16 54	18 3	4 52
W16	21 20	22 20	1 8	13 19	2 28	10 47	2 53	7 16	0 51	22 57	0 2	9 25	1 53	20 41	0 32	5 40	1 41	24 2	8 43	22 48	22 37	16 52	18 3	4 52
T 17	21 10	20 52	2 9	13 1	2 42	10 34	3 6	7 2	0 50	22 56	0 2	9 26	1 53	20 40	0 32	5 40	1 41	24 2	8 43	22 47	22 36	16 50	18 3	4 53
F 18	20 59	18 30	3 4	12 44	2 56	10 21	3 19	6 47	0 49	22 55	0 2	9 27	1 53	20 39	0 32	5 41	1 41	24 3	8 43	22 47	22 36	16 48	18 3	4 53
S 19	20 49	15 22	3 51	12 29	3 9	10 9	3 33	6 32	0 49	22 53	0 2	9 28	1 54	20 39	0 32	5 41	1 41	24 3	8 43	22 46	22 36	16 46	18 4	4 53
S 20	20 37	11 37	4 28	12 16	3 23	9 58	3 46	6 17	0 48	22 52	0 2	9 30	1 54	20 38	0 32	5 41	1 41	24 4	8 44	22 46	22 35	16 44	18 4	4 54
M21	20 26	7 24	4 54	12 4	3 35	9 47	4 0	6 3	0 47	22 51	0 2	9 31	1 54	20 37	0 32	5 42	1 41	24 4	8 44	22 45	22 35	16 42	18 4	4 54
T 22	20 14	2 54	5 7	11 55	3 48	9 37	4 14	5 48	0 47	22 50	0 2	9 32	1 54	20 36	0 32	5 42	1 41	24 5	8 44	22 44	22 35	16 40	18 4	4 54
W23	20 2	1n46	5 6	11 47	4 0	9 28	4 27	5 33	0 46	22 49	0 2	9 33	1 54	20 35	0 32	5 42	1 41	24 6	8 44	22 43	22 34	16 38	18 4	4 55
T 24	19 49	6 26	4 52	11 42	4 11	9 20	4 41	5 18	0 45	22 47	0 2	9 35	1 55	20 35	0 32	5 43	1 41	24 6	8 44	22 43	22 34	16 37	18 4	4 55
F 25	19 36	10 56	4 23	11 39	4 21	9 12	4 55	5 2	0 44	22 46	0 3	9 36	1 55	20 34	0 32	5 43	1 41	24 7	8 44	22 42	22 33	16 35	18 4	4 55
S 26	19 23	15 3	3 40	11 38	4 30	9 5	5 8	4 47	0 44	22 45	0 3	9 37	1 55	20 33	0 32	5 43	1 41	24 7	8 44	22 42	22 33	16 33	18 4	4 56
S 27	19 10	18 33	2 45	11 40	4 38	8 59	5 22	4 32	0 43	22 43	0 3	9 39	1 55	20 32	0 32	5 44	1 41	24 8	8 45	22 42	22 33	16 31	18 4	4 56
M28	18 56	21 9	1 39	11 44	4 44	8 54	5 35	4 17	0 42	22 42	0 3	9 40	1 55	20 31	0 32	5 44	1 41	24 8	8 45	22 43	22 32	16 29	18 4	4 56
T 29	18 41	22 33	0 25	11 50	4 49	8 49	5 48	4 2	0 42	22 41	0 3	9 42	1 55	20 31	0 33	5 44	1 41	24 9	8 45	22 43	22 32	16 27	18 4	4 57
W30	18 27	22 31	0s52	11 59	4 53	8 46	6 1	3 46	0 41	22 39	0 3	9 43	1 56	20 30	0 33	5 45	1 40	24 9	8 45	22 43	22 32	16 25	18 4	4 57
T 31	18n12	20n56	2s 8	12n 9	4s55	8n43	6s13	3n31	0n40	22n38	0n 3	9s45	1s56	20n29	0n33	5s45	1n40	24s10	8s45	22s42	22s31	16s23	18n 4	4s57

Julian Day Number = 2374295.5, Delta T = 21.87 sec
Ecliptic obliquity = 23°27'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°47'14, Lahiri = 20°54'15Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

AUGUST 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 41 1	9♌17'04	25♋28	12°R27	20°R 9	23♍19	15♋35	9°R36	1♌ 5	18♎38	16°R42	15°R42	14♐ 4	0♒47	18♊57	F 1
S 2	20 44 58	10°14'33	10♌43	11♌41	19♌36	23°56	15°48	9♓32	1° 8	18°39	16♒41	15♐36	14° 1	0°54	19° 1	S 2
S 3	20 48 55	11°12'03	25°56	10°54	19° 3	24°34	16° 1	9°29	1°12	18°40	16°40	15°28	13°58	1° 0	19° 4	S 3
M 4	20 52 51	12° 9'34	10♍57	10° 8	18°28	25°11	16°13	9°25	1°16	18°41	16°38	15°19	13°55	1° 7	19° 8	M 4
T 5	20 56 48	13° 7'07	25°36	9°24	17°53	25°49	16°26	9°21	1°19	18°42	16°37	15°11	13°51	1°14	19°12	T 5
W 6	21 0 44	14° 4'39	9♎48	8°43	17°16	26°27	16°39	9°17	1°23	18°43	16°36	15° 5	13°48	1°20	19°15	W 6
T 7	21 4 41	15° 2'13	23°31	8° 5	16°39	27° 4	16°52	9°13	1°26	18°45	16°34	15° 1	13°45	1°27	19°19	T 7
F 8	21 8 37	15°59'48	6♏46	7°31	16° 2	27°42	17° 4	9° 9	1°30	18°46	16°33	14°59	13°42	1°34	19°23	F 8
S 9	21 12 34	16°57'24	19°34	7° 2	15°25	28°20	17°17	9° 5	1°34	18°47	16°32	14°D58	13°39	1°41	19°26	S 9
S 10	21 16 30	17°55'00	2♐ 2	6°39	14°48	28°58	17°29	9° 1	1°37	18°48	16°30	14°59	13°36	1°47	19°30	S 10
M11	21 20 27	18°52'38	14°13	6°22	14°11	29°35	17°42	8°57	1°41	18°50	16°29	14°R59	13°32	1°54	19°33	M11
T 12	21 24 24	19°50'16	26°12	6°12	13°35	0♎13	17°54	8°53	1°44	18°51	16°28	14°59	13°29	2° 1	19°36	T 12
W13	21 28 20	20°47'56	8♑ 4	6°D 9	13° 0	0°51	18° 7	8°49	1°48	18°52	16°26	14°56	13°26	2° 7	19°39	W13
T 14	21 32 17	21°45'37	19°54	6°12	12°26	1°30	18°19	8°44	1°51	18°54	16°25	14°51	13°23	2°14	19°43	T 14
F 15	21 36 13	22°43'19	1♒43	6°24	11°53	2° 8	18°31	8°40	1°55	18°55	16°24	14°44	13°20	2°21	19°46	F 15
S 16	21 40 10	23°41'02	13°35	6°42	11°22	2°46	18°44	8°36	1°58	18°57	16°22	14°33	13°16	2°27	19°49	S 16
S 17	21 44 6	24°38'46	25°32	7° 9	10°52	3°24	18°56	8°32	2° 2	18°58	16°21	14°22	13°13	2°34	19°52	S 17
M18	21 48 3	25°36'32	7♓35	7°42	10°24	4° 2	19° 8	8°27	2° 5	19° 0	16°20	14° 9	13°10	2°41	19°55	M18
T 19	21 51 59	26°34'19	19°45	8°24	9°58	4°41	19°20	8°23	2° 9	19° 1	16°18	13°56	13° 7	2°47	19°58	T 19
W20	21 55 56	27°32'08	2♈ 4	9°12	9°35	5°19	19°32	8°18	2°12	19° 3	16°17	13°45	13° 4	2°54	20° 1	W20
T 21	21 59 53	28°29'58	14°32	10° 8	9°13	5°58	19°44	8°14	2°16	19° 4	16°16	13°36	13° 1	3° 1	20° 3	T 21
F 22	22 3 49	29°27'51	27°11	11°10	8°54	6°36	19°56	8° 9	2°19	19° 6	16°14	13°30	12°57	3° 8	20° 6	F 22
S 23	22 7 46	0♍25'45	10♉ 4	12°19	8°37	7°15	20° 7	8° 5	2°23	19° 7	16°13	13°26	12°54	3°14	20° 9	S 23
S 24	22 11 42	1°23'40	23°14	13°35	8°22	7°54	20°19	8° 0	2°26	19° 9	16°12	13°25	12°51	3°21	20°11	S 24
M25	22 15 39	2°21'38	6♊43	14°55	8°10	8°32	20°31	7°56	2°29	19°11	16°11	13°25	12°48	3°28	20°14	M25
T 26	22 19 35	3°19'38	20°33	16°22	8° 0	9°11	20°42	7°51	2°33	19°12	16° 9	13°24	12°45	3°34	20°16	T 26
W27	22 23 32	4°17'40	4♋45	17°53	7°53	9°50	20°54	7°47	2°36	19°14	16° 8	13°23	12°42	3°41	20°19	W27
T 28	22 27 28	5°15'43	19°19	19°29	7°48	10°29	21° 5	7°42	2°39	19°16	16° 7	13°20	12°38	3°48	20°21	T 28
F 29	22 31 25	6°13'48	4♌11	21° 8	7°46	11° 8	21°17	7°38	2°42	19°17	16° 6	13°14	12°35	3°54	20°24	F 29
S 30	22 35 22	7°11'56	19°14	22°51	7°D45	11°47	21°28	7°33	2°46	19°19	16° 4	13° 5	12°32	4° 1	20°26	S 30
S 31	22 39 18	8♍10'04	4♍19	24♌37	7♌48	12♎26	21♋39	7♓28	2♌49	19♎21	16♒ 3	12♐55	12♐29	4♒ 8	20♊28	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	17n57	17n51	3s16	12n22	4s55	8n41	6s25	3n16	0n39	22n37	0n 3	9s46	1s56	20n28	0n33	5s46	1n40	24s10	8s45	22s42	22s31	16s21	18n 4	4s58
S 2	17 42	13 32	4 11	12 36	4 53	8 40	6 36	3 0	0 39	22 35	0 3	9 48	1 56	20 27	0 33	5 46	1 40	24 11	8 45	22 41	22 30	16 18	18 4	4 58
S 3	17 26	8 22	4 48	12 52	4 49	8 40	6 47	2 45	0 38	22 34	0 3	9 49	1 56	20 27	0 33	5 47	1 40	24 11	8 45	22 40	22 30	16 16	18 3	4 58
M 4	17 10	2 46	5 4	13 10	4 44	8 41	6 57	2 29	0 37	22 32	0 4	9 51	1 57	20 26	0 33	5 47	1 40	24 12	8 45	22 39	22 30	16 14	18 3	4 59
T 5	16 54	2s51	5 0	13 28	4 37	8 42	7 7	2 14	0 37	22 31	0 4	9 52	1 57	20 25	0 33	5 48	1 40	24 12	8 45	22 39	22 29	16 12	18 3	4 59
W 6	16 37	8 9	4 38	13 47	4 28	8 45	7 16	1 58	0 36	22 29	0 4	9 54	1 57	20 24	0 33	5 48	1 40	24 13	8 45	22 38	22 29	16 10	18 3	5 0
T 7	16 21	12 51	4 0	14 7	4 17	8 48	7 24	1 42	0 35	22 28	0 4	9 56	1 57	20 23	0 33	5 49	1 40	24 13	8 46	22 37	22 29	16 8	18 3	5 0
F 8	16 4	16 46	3 10	14 27	4 5	8 51	7 31	1 27	0 35	22 26	0 4	9 57	1 57	20 23	0 33	5 49	1 40	24 14	8 46	22 37	22 28	16 6	18 3	5 0
S 9	15 46	19 45	2 12	14 47	3 52	8 56	7 38	1 11	0 34	22 25	0 4	9 59	1 57	20 22	0 33	5 50	1 40	24 14	8 46	22 37	22 28	16 4	18 3	5 1
S 10	15 29	21 43	1 9	15 7	3 38	9 1	7 44	0 55	0 33	22 23	0 4	10 1	1 57	20 21	0 33	5 50	1 40	24 15	8 46	22 37	22 27	16 2	18 3	5 1
M11	15 11	22 36	0 4	15 26	3 22	9 7	7 48	0 40	0 32	22 22	0 4	10 2	1 58	20 20	0 33	5 51	1 40	24 15	8 46	22 37	22 27	16 0	18 3	5 2
T 12	14 53	22 25	0n59	15 44	3 6	9 13	7 52	0 24	0 32	22 20	0 4	10 4	1 58	20 20	0 33	5 51	1 40	24 16	8 46	22 37	22 27	15 58	18 2	5 2
W13	14 35	21 14	2 0	16 1	2 49	9 19	7 56	0 8	0 31	22 19	0 5	10 6	1 58	20 19	0 33	5 52	1 40	24 16	8 46	22 37	22 26	15 56	18 2	5 2
T 14	14 16	19 7	2 55	16 17	2 32	9 26	7 58	0s 8	0 30	22 17	0 5	10 7	1 58	20 18	0 33	5 52	1 40	24 16	8 46	22 36	22 26	15 54	18 2	5 3
F 15	13 57	16 12	3 42	16 31	2 15	9 34	7 59	0 24	0 30	22 16	0 5	10 9	1 58	20 17	0 33	5 53	1 40	24 17	8 46	22 35	22 25	15 52	18 2	5 3
S 16	13 38	12 37	4 19	16 44	1 57	9 42	8 0	0 39	0 29	22 14	0 5	10 11	1 58	20 16	0 33	5 53	1 40	24 17	8 46	22 34	22 25	15 50	18 2	5 4
S 17	13 19	8 32	4 45	16 54	1 40	9 50	8 0	0 55	0 28	22 13	0 5	10 13	1 58	20 16	0 33	5 54	1 40	24 18	8 46	22 33	22 25	15 48	18 1	5 4
M18	13 0	4 6	4 59	17 2	1 22	9 58	7 59	1 11	0 28	22 11	0 5	10 14	1 58	20 15	0 33	5 55	1 40	24 18	8 46	22 31	22 24	15 46	18 1	5 5
T 19	12 40	0n32	5 0	17 8	1 5	10 6	7 57	1 27	0 27	22 9	0 5	10 16	1 59	20 14	0 33	5 55	1 40	24 19	8 46	22 30	22 24	15 44	18 1	5 5
W20	12 21	5 12	4 46	17 12	0 48	10 14	7 55	1 43	0 26	22 8	0 5	10 18	1 59	20 13	0 33	5 56	1 40	24 19	8 46	22 29	22 23	15 42	18 1	5 5
T 21	12 1	9 43	4 19	17 12	0 32	10 23	7 51	1 59	0 26	22 6	0 5	10 20	1 59	20 13	0 33	5 56	1 40	24 20	8 46	22 27	22 23	15 40	18 1	5 6
F 22	11 40	13 53	3 39	17 10	0 17	10 31	7 48	2 15	0 25	22 5	0 5	10 21	1 59	20 12	0 33	5 57	1 39	24 20	8 46	22 27	22 23	15 38	18 0	5 6
S 23	11 20	17 29	2 47	17 5	0 2	10 40	7 43	2 30	0 24	22 3	0 6	10 23	1 59	20 11	0 33	5 58	1 39	24 20	8 46	22 26	22 22	15 36	18 0	5 7
S 24	10 59	20 17	1 45	16 57	0n12	10 48	7 38	2 46	0 24	22 1	0 6	10 25	1 59	20 10	0 33	5 58	1 39	24 21	8 46	22 26	22 22	15 34	18 0	5 7
M25	10 39	22 2	0 35	16 47	0 25	10 57	7 33	3 2	0 23	22 0	0 6	10 27	1 59	20 10	0 33	5 59	1 39	24 21	8 46	22 26	22 21	15 32	17 59	5 8
T 26	10 18	22 30	0s38	16 33	0 37	11 5	7 27	3 18	0 22	21 58	0 6	10 29	1 59	20 9	0 33	6 0	1 39	24 22	8 46	22 26	22 21	15 30	17 59	5 8
W27	9 57	21 32	1 50	16 16	0 49	11 13	7 21	3 34	0 22	21 56	0 6	10 30	1 59	20 8	0 33	6 0	1 39	24 22	8 46	22 26	22 21	15 27	17 59	5 9
T 28	9 36	19 8	2 58	15 56	0 59	11 20	7 14	3 50	0 21	21 55	0 6	10 32	1 59	20 7	0 33	6 1	1 39	24 22	8 46	22 26	22 20	15 25	17 59	5 9
F 29	9 14	15 26	3 54	15 33	1 8	11 28	7 7	4 6	0 20	21 53	0 6	10 34	1 59	20 7	0 33	6 2	1 39	24 23	8 46	22 25	22 20	15 23	17 58	5 10
S 30	8 53	10 43	4 35	15 7	1 16	11 35	7 0	4 22	0 20	21 51	0 6	10 36	2 0	20 6	0 33	6 2	1 39	24 23	8 46	22 24	22 19	15 21	17 58	5 10
S 31	8n31	5n19	4s57	14n39	1n24	11n42	6s52	4s38	0n19	21n50	0n 6	10s37	2s 0	20n 5	0n33	6s 3	1n39	24s23	8s46	22s22	22s19	15s19	17n58	5s11

Julian Day Number = 2374326.5, Delta T = 21.86 sec
Ecliptic obliquity = 23°27'58, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°47'19, Lahiri = 20°54'19Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

SEPTEMBER 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 43 15	9♍ 8'15	19♍16	26♌26	7♌52	13♎ 5	21♋50	7°R24	2♌52	19♎23	16°R 2	12°R43	12♐26	4♒14	20♊30	M 1
T 2	22 47 11	10° 6'27	3♎55	28°16	7°59	13°45	22° 1	7♓19	2°55	19°24	16♒ 1	12♐32	12°22	4°21	20°32	T 2
W 3	22 51 8	11° 4'41	18°11	0♍ 8	8° 8	14°24	22°12	7°15	2°58	19°26	15°59	12°23	12°19	4°28	20°34	W 3
T 4	22 55 4	12° 2'56	1♏58	2° 1	8°18	15° 3	22°23	7°10	3° 1	19°28	15°58	12°17	12°16	4°35	20°36	T 4
F 5	22 59 1	13° 1'14	15°16	3°55	8°32	15°43	22°34	7° 6	3° 4	19°30	15°57	12°13	12°13	4°41	20°37	F 5
S 6	23 2 57	13°59'32	28° 8	5°50	8°47	16°22	22°45	7° 1	3° 7	19°32	15°56	12°11	12°10	4°48	20°39	S 6
S 7	23 6 54	14°57'52	10♐37	7°45	9° 4	17° 2	22°55	6°57	3°10	19°34	15°55	12°11	12° 7	4°55	20°41	S 7
M 8	23 10 50	15°56'14	22°48	9°40	9°23	17°41	23° 6	6°52	3°13	19°36	15°54	12°11	12° 3	5° 1	20°42	M 8
T 9	23 14 47	16°54'37	4♑47	11°34	9°43	18°21	23°16	6°48	3°16	19°38	15°53	12°10	12° 0	5° 8	20°44	T 9
W10	23 18 44	17°53'02	16°38	13°29	10° 6	19° 1	23°26	6°43	3°19	19°40	15°51	12° 7	11°57	5°15	20°45	W10
T 11	23 22 40	18°51'29	28°28	15°22	10°30	19°41	23°37	6°39	3°22	19°42	15°50	12° 2	11°54	5°21	20°47	T 11
F 12	23 26 37	19°49'57	10♒19	17°15	10°56	20°20	23°47	6°34	3°25	19°44	15°49	11°54	11°51	5°28	20°48	F 12
S 13	23 30 33	20°48'27	22°15	19° 8	11°24	21° 0	23°57	6°30	3°27	19°46	15°48	11°43	11°48	5°35	20°49	S 13
S 14	23 34 30	21°46'59	4♓19	20°59	11°53	21°40	24° 7	6°26	3°30	19°48	15°47	11°31	11°44	5°41	20°50	S 14
M15	23 38 26	22°45'32	16°32	22°50	12°24	22°20	24°17	6°21	3°33	19°50	15°46	11°17	11°41	5°48	20°51	M15
T 16	23 42 23	23°44'08	28°55	24°40	12°56	23° 0	24°26	6°17	3°36	19°52	15°45	11° 4	11°38	5°55	20°52	T 16
W17	23 46 19	24°42'45	11♈29	26°29	13°29	23°41	24°36	6°13	3°38	19°54	15°44	10°52	11°35	6° 2	20°53	W17
T 18	23 50 16	25°41'24	24°13	28°17	14° 4	24°21	24°45	6° 9	3°41	19°56	15°43	10°42	11°32	6° 8	20°54	T 18
F 19	23 54 13	26°40'06	7♉ 7	0♎ 4	14°41	25° 1	24°55	6° 4	3°43	19°58	15°42	10°36	11°28	6°15	20°55	F 19
S 20	23 58 9	27°38'50	20°13	1°50	15°18	25°41	25° 4	6° 0	3°46	20° 0	15°41	10°32	11°25	6°22	20°55	S 20
S 21	0 2 6	28°37'36	3♊32	3°35	15°57	26°22	25°13	5°56	3°48	20° 2	15°40	10°30	11°22	6°28	20°56	S 21
M22	0 6 2	29°36'24	17° 4	5°19	16°37	27° 2	25°22	5°52	3°51	20° 4	15°40	10°D30	11°19	6°35	20°57	M22
T 23	0 9 59	0♎35'15	0♋51	7° 2	17°18	27°43	25°31	5°48	3°53	20° 6	15°39	10°R30	11°16	6°42	20°57	T 23
W24	0 13 55	1°34'08	14°53	8°44	18° 0	28°23	25°40	5°44	3°56	20° 8	15°38	10°30	11°13	6°48	20°57	W24
T 25	0 17 52	2°33'03	29°12	10°26	18°43	29° 4	25°49	5°41	3°58	20°11	15°37	10°27	11° 9	6°55	20°58	T 25
F 26	0 21 48	3°32'00	13♌43	12° 6	19°27	29°45	25°57	5°37	4° 0	20°13	15°36	10°22	11° 6	7° 2	20°58	F 26
S 27	0 25 45	4°31'00	28°23	13°46	20°12	0♏25	26° 6	5°33	4° 3	20°15	15°35	10°14	11° 3	7° 9	20°58	S 27
S 28	0 29 42	5°30'02	13♍ 6	15°24	20°58	1° 6	26°14	5°29	4° 5	20°17	15°35	10° 5	11° 0	7°15	20°R58	S 28
M29	0 33 38	6°29'06	27°44	17° 2	21°45	1°47	26°22	5°26	4° 7	20°19	15°34	9°55	10°57	7°22	20°58	M29
T 30	0 37 35	7♎28'12	12♎ 9	18♎39	22♌33	2♏28	26♋30	5♓22	4♌ 9	20♎21	15♒33	9♐45	10♐53	7♒29	20♊58	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	8n 9	0s19	4s59	14n 8	1n30	11n48	6s44	4s54	0n18	21n48	0n 7	10s39	2s 0	20n 5	0n33	6s 4	1n39	24s24	8s46	22s21	22s19	15s17	17n57	5s11
T 2	7 47	5 51	4 40	13 35	1 35	11 54	6 36	5 9	0 18	21 46	0 7	10 41	2 0	20 4	0 33	6 4	1 39	24 24	8 46	22 20	22 18	15 15	17 57	5 12
W 3	7 25	10 54	4 4	12 59	1 39	12 0	6 28	5 25	0 17	21 45	0 7	10 43	2 0	20 3	0 33	6 5	1 39	24 24	8 46	22 18	22 18	15 13	17 57	5 12
T 4	7 3	15 13	3 15	12 22	1 43	12 6	6 19	5 41	0 16	21 43	0 7	10 44	2 0	20 3	0 33	6 6	1 39	24 25	8 46	22 17	22 17	15 11	17 56	5 12
F 5	6 41	18 37	2 17	11 43	1 45	12 11	6 11	5 57	0 16	21 41	0 7	10 46	2 0	20 2	0 33	6 7	1 39	24 25	8 46	22 17	22 17	15 9	17 56	5 13
S 6	6 18	20 58	1 14	11 2	1 47	12 15	6 2	6 13	0 15	21 40	0 7	10 48	2 0	20 1	0 33	6 7	1 39	24 25	8 46	22 17	22 17	15 7	17 55	5 13
S 7	5 56	22 12	0 8	10 21	1 48	12 20	5 53	6 29	0 14	21 38	0 7	10 50	2 0	20 1	0 33	6 8	1 39	24 26	8 46	22 17	22 16	15 5	17 55	5 14
M 8	5 33	22 20	0n56	9 37	1 48	12 23	5 44	6 44	0 14	21 37	0 7	10 51	2 0	20 0	0 33	6 9	1 39	24 26	8 46	22 17	22 16	15 2	17 55	5 14
T 9	5 10	21 26	1 57	8 53	1 48	12 27	5 35	7 0	0 13	21 35	0 8	10 53	2 0	19 59	0 33	6 10	1 39	24 26	8 46	22 17	22 15	15 0	17 54	5 15
W10	4 48	19 35	2 52	8 8	1 46	12 30	5 26	7 16	0 12	21 33	0 8	10 55	2 0	19 59	0 33	6 10	1 39	24 27	8 46	22 16	22 15	14 58	17 54	5 15
T 11	4 25	16 55	3 39	7 23	1 45	12 32	5 17	7 31	0 12	21 32	0 8	10 56	2 0	19 58	0 33	6 11	1 39	24 27	8 46	22 15	22 14	14 56	17 53	5 16
F 12	4 2	13 33	4 17	6 37	1 42	12 34	5 8	7 47	0 11	21 30	0 8	10 58	2 0	19 57	0 33	6 12	1 39	24 27	8 45	22 14	22 14	14 54	17 53	5 16
S 13	3 39	9 38	4 43	5 50	1 39	12 35	4 59	8 3	0 10	21 28	0 8	11 0	2 0	19 57	0 33	6 13	1 39	24 27	8 45	22 13	22 14	14 52	17 53	5 17
S 14	3 16	5 18	4 58	5 3	1 36	12 36	4 50	8 18	0 10	21 27	0 8	11 1	2 0	19 56	0 33	6 13	1 39	24 28	8 45	22 11	22 13	14 50	17 52	5 17
M15	2 53	0 44	4 59	4 16	1 32	12 37	4 41	8 34	0 9	21 25	0 8	11 3	2 0	19 55	0 33	6 14	1 39	24 28	8 45	22 9	22 13	14 48	17 52	5 18
T 16	2 29	3n57	4 46	3 28	1 28	12 36	4 32	8 49	0 8	21 24	0 8	11 4	2 0	19 55	0 33	6 15	1 39	24 28	8 45	22 8	22 12	14 46	17 51	5 19
W17	2 6	8 31	4 19	2 41	1 24	12 36	4 23	9 5	0 8	21 22	0 9	11 6	2 0	19 54	0 34	6 16	1 39	24 28	8 45	22 6	22 12	14 43	17 51	5 19
T 18	1 43	12 47	3 39	1 53	1 19	12 35	4 14	9 20	0 7	21 20	0 9	11 8	2 0	19 54	0 34	6 17	1 39	24 29	8 45	22 5	22 11	14 41	17 50	5 20
F 19	1 20	16 32	2 47	1 6	1 14	12 33	4 5	9 36	0 7	21 19	0 9	11 9	2 0	19 53	0 34	6 17	1 39	24 29	8 45	22 4	22 11	14 39	17 50	5 20
S 20	0 56	19 31	1 45	0 19	1 8	12 31	3 56	9 51	0 6	21 17	0 9	11 11	2 0	19 53	0 34	6 18	1 39	24 29	8 45	22 3	22 11	14 37	17 49	5 21
S 21	0 33	21 29	0 37	0s28	1 3	12 28	3 47	10 6	0 5	21 16	0 9	11 12	2 0	19 52	0 34	6 19	1 39	24 29	8 45	22 3	22 10	14 35	17 49	5 21
M22	0 9	22 16	0s35	1 15	0 57	12 25	3 38	10 21	0 5	21 14	0 9	11 14	2 0	19 51	0 34	6 20	1 39	24 29	8 45	22 3	22 10	14 33	17 49	5 22
T 23	0s14	21 42	1 46	2 1	0 51	12 21	3 29	10 37	0 4	21 13	0 9	11 15	2 0	19 51	0 34	6 21	1 39	24 29	8 44	22 3	22 9	14 31	17 48	5 22
W24	0 37	19 47	2 52	2 47	0 44	12 16	3 21	10 52	0 3	21 11	0 9	11 16	2 0	19 50	0 34	6 22	1 39	24 30	8 44	22 3	22 9	14 29	17 48	5 23
T 25	1 1	16 37	3 49	3 33	0 38	12 11	3 12	11 7	0 3	21 10	0 10	11 18	2 0	19 50	0 34	6 22	1 39	24 30	8 44	22 2	22 8	14 26	17 47	5 23
F 26	1 24	12 24	4 31	4 18	0 31	12 6	3 3	11 22	0 2	21 8	0 10	11 19	2 0	19 49	0 34	6 23	1 39	24 30	8 44	22 2	22 8	14 24	17 47	5 24
S 27	1 48	7 24	4 57	5 3	0 25	12 0	2 55	11 37	0 1	21 7	0 10	11 20	2 0	19 49	0 34	6 24	1 39	24 30	8 44	22 1	22 7	14 22	17 46	5 24
S 28	2 11	1 59	5 3	5 48	0 18	11 53	2 47	11 52	0 1	21 5	0 10	11 22	2 0	19 48	0 34	6 25	1 39	24 30	8 44	21 59	22 7	14 20	17 46	5 25
M29	2 35	3s31	4 49	6 32	0 11	11 46	2 38	12 6	0 0	21 4	0 10	11 23	2 0	19 48	0 34	6 26	1 39	24 30	8 44	21 58	22 7	14 18	17 45	5 25
T 30	2s58	8s45	4s17	7s15	0n 4	11n39	2s30	12s21	0s 1	21n 3	0n10	11s24	2s 0	19n47	0n34	6s26	1n39	24s30	8s44	21s56	22s 6	14s16	17n45	5s26

Julian Day Number = 2374357.5, Delta T = 21.85 sec
Ecliptic obliquity = 23°27'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°47'23, Lahiri = 20°54'23Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

OCTOBER 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 41 31	8♎27'21	26♎15	20♎15	23♌22	3♏ 9	26♋38	5°R19	4♌11	20♎24	15°R32	9°R37	10♐50	7♒35	20°R58	W 1
T 2	0 45 28	9°26'31	9♏58	21°51	24°11	3°50	26°46	5♓15	4°13	20°26	15♒32	9♐31	10°47	7°42	20♊58	T 2
F 3	0 49 24	10°25'43	23°15	23°25	25° 2	4°31	26°54	5°12	4°15	20°28	15°31	9°27	10°44	7°49	20°57	F 3
S 4	0 53 21	11°24'57	6♐ 8	24°59	25°53	5°13	27° 1	5° 9	4°17	20°30	15°30	9°D26	10°41	7°55	20°57	S 4
S 5	0 57 17	12°24'13	18°39	26°32	26°44	5°54	27° 8	5° 6	4°19	20°33	15°30	9°26	10°38	8° 2	20°56	S 5
M 6	1 1 14	13°23'31	0♑53	28° 4	27°37	6°35	27°16	5° 3	4°21	20°35	15°29	9°27	10°34	8° 9	20°56	M 6
T 7	1 5 11	14°22'50	12°53	29°36	28°30	7°17	27°23	5° 0	4°23	20°37	15°29	9°R28	10°31	8°16	20°55	T 7
W 8	1 9 7	15°22'11	24°46	1♏ 7	29°24	7°58	27°30	4°57	4°24	20°39	15°28	9°27	10°28	8°22	20°54	W 8
T 9	1 13 4	16°21'34	6♒37	2°37	0♏18	8°39	27°37	4°54	4°26	20°41	15°28	9°25	10°25	8°29	20°54	T 9
F 10	1 17 0	17°20'59	18°30	4° 6	1°13	9°21	27°43	4°51	4°28	20°44	15°27	9°20	10°22	8°36	20°53	F 10
S 11	1 20 57	18°20'26	0♓30	5°34	2° 9	10° 3	27°50	4°48	4°29	20°46	15°27	9°14	10°19	8°42	20°52	S 11
S 12	1 24 53	19°19'54	12°40	7° 2	3° 5	10°44	27°56	4°46	4°31	20°48	15°26	9° 6	10°15	8°49	20°51	S 12
M13	1 28 50	20°19'24	25° 2	8°29	4° 2	11°26	28° 2	4°43	4°32	20°50	15°26	8°57	10°12	8°56	20°50	M13
T 14	1 32 46	21°18'56	7♈39	9°55	4°59	12° 8	28° 8	4°41	4°34	20°53	15°25	8°48	10° 9	9° 2	20°48	T 14
W15	1 36 43	22°18'31	20°29	11°21	5°57	12°50	28°14	4°39	4°35	20°55	15°25	8°39	10° 6	9° 9	20°47	W15
T 16	1 40 39	23°18'07	3♉33	12°46	6°55	13°32	28°20	4°36	4°37	20°57	15°25	8°33	10° 3	9°16	20°46	T 16
F 17	1 44 36	24°17'45	16°50	14° 9	7°54	14°14	28°25	4°34	4°38	20°59	15°24	8°29	9°59	9°23	20°44	F 17
S 18	1 48 33	25°17'26	0♊19	15°32	8°53	14°56	28°31	4°32	4°39	21° 2	15°24	8°27	9°56	9°29	20°43	S 18
S 19	1 52 29	26°17'08	13°57	16°54	9°53	15°38	28°36	4°30	4°40	21° 4	15°24	8°D27	9°53	9°36	20°41	S 19
M20	1 56 26	27°16'53	27°45	18°15	10°53	16°20	28°41	4°28	4°41	21° 6	15°24	8°28	9°50	9°43	20°40	M20
T 21	2 0 22	28°16'40	11♋41	19°35	11°53	17° 2	28°46	4°26	4°43	21° 8	15°23	8°29	9°47	9°49	20°38	T 21
W22	2 4 19	29°16'30	25°44	20°54	12°54	17°44	28°51	4°25	4°44	21°10	15°23	8°R30	9°44	9°56	20°36	W22
T 23	2 8 15	0♏16'21	9♌54	22°12	13°56	18°27	28°55	4°23	4°45	21°13	15°23	8°30	9°40	10° 3	20°35	T 23
F 24	2 12 12	1°16'15	24° 9	23°28	14°58	19° 9	29° 0	4°22	4°46	21°15	15°23	8°28	9°37	10° 9	20°33	F 24
S 25	2 16 8	2°16'11	8♍26	24°43	16° 0	19°52	29° 4	4°20	4°46	21°17	15°23	8°24	9°34	10°16	20°31	S 25
S 26	2 20 5	3°16'10	22°41	25°57	17° 2	20°34	29° 8	4°19	4°47	21°19	15°23	8°19	9°31	10°23	20°29	S 26
M27	2 24 2	4°16'10	6♎51	27° 8	18° 5	21°17	29°12	4°18	4°48	21°22	15°23	8°14	9°28	10°30	20°27	M27
T 28	2 27 58	5°16'12	20°50	28°18	19° 9	21°59	29°15	4°17	4°49	21°24	15°23	8° 8	9°24	10°36	20°24	T 28
W29	2 31 55	6°16'17	4♏35	29°26	20°12	22°42	29°19	4°16	4°49	21°26	15°D23	8° 4	9°21	10°43	20°22	W29
T 30	2 35 51	7°16'23	18° 2	0♐31	21°16	23°25	29°22	4°15	4°50	21°28	15°23	8° 1	9°18	10°50	20°20	T 30
F 31	2 39 48	8♏16'31	1♐10	1♐34	22♍20	24♏ 8	29♋25	4♓14	4♌51	21♎30	15♒23	7♐59	9♐15	10♒56	20♊17	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	3s21	13s23	3s29	7s58	0s 3	11n30	2s22	12s36	0s 1	21n 1	0n10	11s26	1s59	19n47	0n34	6s27	1n39	24s31	8s44	21s55	22s 6	14s14	17n44	5s26
T 2	3 45	17 12	2 31	8 40	0 10	11 22	2 14	12 50	0 2	21 0	0 10	11 27	1 59	19 46	0 34	6 28	1 39	24 31	8 43	21 54	22 5	14 11	17 43	5 27
F 3	4 8	19 59	1 25	9 22	0 17	11 13	2 6	13 5	0 2	20 59	0 11	11 28	1 59	19 46	0 34	6 29	1 39	24 31	8 43	21 54	22 5	14 9	17 43	5 27
S 4	4 31	21 39	0 18	10 3	0 24	11 3	1 58	13 19	0 3	20 57	0 11	11 29	1 59	19 46	0 34	6 30	1 39	24 31	8 43	21 53	22 4	14 7	17 42	5 28
S 5	4 54	22 10	0n49	10 44	0 31	10 53	1 51	13 34	0 4	20 56	0 11	11 30	1 59	19 45	0 34	6 31	1 39	24 31	8 43	21 53	22 4	14 5	17 42	5 28
M 6	5 18	21 35	1 52	11 24	0 38	10 42	1 43	13 48	0 4	20 55	0 11	11 31	1 59	19 45	0 34	6 31	1 39	24 31	8 43	21 54	22 3	14 3	17 41	5 29
T 7	5 41	20 2	2 50	12 3	0 45	10 31	1 36	14 2	0 5	20 53	0 11	11 32	1 59	19 44	0 34	6 32	1 39	24 31	8 43	21 54	22 3	14 1	17 41	5 29
W 8	6 4	17 36	3 39	12 41	0 52	10 19	1 28	14 16	0 6	20 52	0 11	11 33	1 59	19 44	0 34	6 33	1 39	24 31	8 43	21 54	22 3	13 59	17 40	5 30
T 9	6 26	14 28	4 18	13 19	0 59	10 7	1 21	14 30	0 6	20 51	0 11	11 34	1 59	19 44	0 34	6 34	1 39	24 31	8 42	21 53	22 2	13 56	17 40	5 30
F 10	6 49	10 45	4 47	13 56	1 6	9 54	1 14	14 44	0 7	20 50	0 12	11 35	1 59	19 43	0 34	6 35	1 39	24 31	8 42	21 53	22 2	13 54	17 39	5 31
S 11	7 12	6 35	5 3	14 32	1 13	9 41	1 7	14 58	0 7	20 49	0 12	11 36	1 59	19 43	0 34	6 36	1 39	24 31	8 42	21 52	22 1	13 52	17 39	5 31
S 12	7 34	2 6	5 6	15 8	1 20	9 27	1 0	15 11	0 8	20 48	0 12	11 37	1 59	19 43	0 34	6 36	1 39	24 31	8 42	21 50	22 1	13 50	17 38	5 32
M13	7 57	2n32	4 55	15 42	1 26	9 13	0 53	15 25	0 9	20 46	0 12	11 38	1 59	19 42	0 34	6 37	1 39	24 31	8 42	21 49	22 0	13 48	17 37	5 32
T 14	8 19	7 9	4 29	16 16	1 33	8 59	0 46	15 38	0 9	20 45	0 12	11 39	1 58	19 42	0 34	6 38	1 39	24 31	8 42	21 48	22 0	13 46	17 37	5 33
W15	8 42	11 33	3 50	16 49	1 39	8 44	0 40	15 52	0 10	20 44	0 12	11 39	1 58	19 42	0 34	6 39	1 39	24 31	8 42	21 46	21 59	13 43	17 36	5 33
T 16	9 4	15 29	2 57	17 21	1 45	8 28	0 33	16 5	0 11	20 43	0 13	11 40	1 58	19 41	0 34	6 40	1 39	24 31	8 41	21 45	21 59	13 41	17 36	5 34
F 17	9 26	18 43	1 54	17 53	1 51	8 12	0 27	16 18	0 11	20 42	0 13	11 41	1 58	19 41	0 35	6 41	1 39	24 31	8 41	21 45	21 58	13 39	17 35	5 34
S 18	9 48	20 57	0 44	18 23	1 57	7 56	0 21	16 31	0 12	20 41	0 13	11 41	1 58	19 41	0 35	6 41	1 39	24 31	8 41	21 44	21 58	13 37	17 35	5 35
S 19	10 9	22 0	0s30	18 52	2 3	7 39	0 15	16 44	0 12	20 41	0 13	11 42	1 58	19 41	0 35	6 42	1 39	24 31	8 41	21 44	21 57	13 35	17 34	5 35
M20	10 31	21 44	1 43	19 20	2 8	7 22	0 9	16 57	0 13	20 40	0 13	11 43	1 58	19 40	0 35	6 43	1 39	24 31	8 41	21 44	21 57	13 33	17 33	5 36
T 21	10 52	20 7	2 51	19 48	2 14	7 4	0 3	17 9	0 14	20 39	0 13	11 43	1 58	19 40	0 35	6 44	1 39	24 31	8 41	21 45	21 56	13 30	17 33	5 36
W22	11 14	17 16	3 49	20 14	2 19	6 46	0n 3	17 22	0 14	20 38	0 13	11 44	1 58	19 40	0 35	6 45	1 39	24 30	8 40	21 45	21 56	13 28	17 32	5 37
T 23	11 35	13 24	4 33	20 39	2 23	6 28	0 9	17 34	0 15	20 37	0 14	11 44	1 57	19 40	0 35	6 46	1 39	24 30	8 40	21 45	21 56	13 26	17 32	5 37
F 24	11 56	8 45	5 1	21 3	2 28	6 9	0 14	17 47	0 15	20 36	0 14	11 45	1 57	19 40	0 35	6 46	1 39	24 30	8 40	21 44	21 55	13 24	17 31	5 37
S 25	12 17	3 37	5 11	21 26	2 32	5 50	0 20	17 59	0 16	20 36	0 14	11 45	1 57	19 39	0 35	6 47	1 39	24 30	8 40	21 44	21 55	13 22	17 30	5 38
S 26	12 37	1s42	5 1	21 47	2 36	5 30	0 25	18 11	0 17	20 35	0 14	11 45	1 57	19 39	0 35	6 48	1 39	24 30	8 40	21 43	21 54	13 19	17 30	5 38
M27	12 57	6 54	4 33	22 7	2 39	5 11	0 30	18 23	0 17	20 34	0 14	11 46	1 57	19 39	0 35	6 49	1 39	24 30	8 40	21 42	21 54	13 17	17 29	5 39
T 28	13 18	11 41	3 49	22 26	2 42	4 50	0 35	18 34	0 18	20 34	0 14	11 46	1 57	19 39	0 35	6 50	1 39	24 30	8 39	21 41	21 53	13 15	17 29	5 39
W29	13 38	15 46	2 52	22 44	2 45	4 30	0 40	18 46	0 18	20 33	0 15	11 46	1 57	19 39	0 35	6 50	1 39	24 30	8 39	21 41	21 53	13 13	17 28	5 40
T 30	13 57	18 56	1 47	23 0	2 47	4 9	0 45	18 57	0 19	20 33	0 15	11 46	1 57	19 39	0 35	6 51	1 39	24 29	8 39	21 40	21 52	13 11	17 28	5 40
F 31	14s17	21s 1	0s37	23s14	2s48	3n48	0n49	19s 8	0s20	20n32	0n15	11s46	1s56	19n39	0n35	6s52	1n39	24s29	8s39	21s40	21s52	13s 9	17n27	5s41

Julian Day Number = 2374387.5, Delta T = 21.84 sec
Ecliptic obliquity = 23°27'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°47'27, Lahiri = 20°54'27Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

NOVEMBER 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 44	9♏16'41	13♐57	2♐34	23♍25	24♏50	29♋28	4°R13	4♌51	21♎32	15♒23	7°D59	9♐12	11♒ 3	20°R15	S 1
S 2	2 47 41	10°16'53	26°27	3°31	24°30	25°33	29°31	4♓13	4°51	21°35	15°23	8♐ 0	9° 9	11°10	20♊13	S 2
M 3	2 51 37	11°17'06	8♉41	4°24	25°35	26°16	29°34	4°12	4°52	21°37	15°23	8° 2	9° 5	11°17	20°10	M 3
T 4	2 55 34	12°17'21	20°43	5°13	26°40	26°59	29°36	4°12	4°52	21°39	15°23	8° 4	9° 2	11°23	20° 7	T 4
W 5	2 59 31	13°17'37	2♒37	5°58	27°46	27°43	29°38	4°12	4°52	21°41	15°23	8° 5	8°59	11°30	20° 5	W 5
T 6	3 3 27	14°17'55	14°28	6°37	28°52	28°26	29°40	4°12	4°53	21°43	15°23	8°R 6	8°56	11°37	20° 2	T 6
F 7	3 7 24	15°18'14	26°22	7°11	29°58	29° 9	29°42	4°D11	4°53	21°45	15°24	8° 5	8°53	11°43	19°59	F 7
S 8	3 11 20	16°18'34	8♓22	7°39	1♎ 5	29°52	29°44	4°12	4°53	21°47	15°24	8° 3	8°50	11°50	19°56	S 8
S 9	3 15 17	17°18'56	20°34	7°59	2°11	0♐36	29°45	4°12	4°R53	21°49	15°24	8° 1	8°46	11°57	19°54	S 9
M10	3 19 13	18°19'20	3♈ 1	8°12	3°18	1°19	29°46	4°12	4°53	21°51	15°25	7°58	8°43	12° 3	19°51	M10
T 11	3 23 10	19°19'45	15°45	8°R16	4°25	2° 2	29°47	4°12	4°53	21°53	15°25	7°55	8°40	12°10	19°48	T 11
W12	3 27 6	20°20'11	28°48	8°12	5°33	2°46	29°48	4°13	4°53	21°55	15°25	7°52	8°37	12°17	19°45	W12
T 13	3 31 3	21°20'39	12♉10	7°57	6°40	3°29	29°49	4°13	4°53	21°58	15°26	7°50	8°34	12°24	19°41	T 13
F 14	3 35 0	22°21'09	25°50	7°33	7°48	4°13	29°49	4°14	4°52	22° 0	15°26	7°49	8°30	12°30	19°38	F 14
S 15	3 38 56	23°21'40	9♊45	6°58	8°56	4°57	29°49	4°15	4°52	22° 1	15°27	7°D49	8°27	12°37	19°35	S 15
S 16	3 42 53	24°22'12	23°52	6°12	10° 4	5°41	29°R49	4°16	4°52	22° 3	15°27	7°49	8°24	12°44	19°32	S 16
M17	3 46 49	25°22'47	8♋ 6	5°17	11°13	6°24	29°49	4°17	4°51	22° 5	15°28	7°50	8°21	12°50	19°29	M17
T 18	3 50 46	26°23'23	22°24	4°12	12°22	7° 8	29°49	4°18	4°51	22° 7	15°28	7°51	8°18	12°57	19°25	T 18
W19	3 54 42	27°24'01	6♌42	3° 0	13°30	7°52	29°48	4°19	4°51	22° 9	15°29	7°52	8°15	13° 4	19°22	W19
T 20	3 58 39	28°24'40	20°57	1°42	14°39	8°36	29°47	4°20	4°50	22°11	15°29	7°52	8°11	13°11	19°19	T 20
F 21	4 2 35	29°25'21	5♍ 7	0°21	15°49	9°20	29°47	4°22	4°49	22°13	15°30	7°R52	8° 8	13°17	19°15	F 21
S 22	4 6 32	0♐26'04	19° 9	28♏59	16°58	10° 4	29°45	4°23	4°49	22°15	15°31	7°52	8° 5	13°24	19°12	S 22
S 23	4 10 29	1°26'48	3♎ 2	27°39	18° 7	10°48	29°44	4°25	4°48	22°17	15°31	7°51	8° 2	13°31	19° 8	S 23
M24	4 14 25	2°27'34	16°44	26°23	19°17	11°32	29°42	4°27	4°47	22°19	15°32	7°51	7°59	13°37	19° 5	M24
T 25	4 18 22	3°28'22	0♏15	25°15	20°27	12°17	29°41	4°29	4°46	22°20	15°33	7°50	7°56	13°44	19° 1	T 25
W26	4 22 18	4°29'11	13°33	24°16	21°37	13° 1	29°39	4°30	4°46	22°22	15°33	7°50	7°52	13°51	18°58	W26
T 27	4 26 15	5°30'01	26°37	23°27	22°47	13°45	29°37	4°32	4°45	22°24	15°34	7°50	7°49	13°58	18°54	T 27
F 28	4 30 11	6°30'53	9♐26	22°49	23°57	14°30	29°34	4°35	4°44	22°26	15°35	7°D50	7°46	14° 4	18°50	F 28
S 29	4 34 8	7°31'46	22° 2	22°23	25° 8	15°14	29°32	4°37	4°43	22°27	15°36	7°R50	7°43	14°11	18°47	S 29
S 30	4 38 4	8♐32'40	4♉24	22♏ 8	26♎18	15♐59	29♋29	4♓39	4♌42	22♎29	15♒37	7♐50	7♐40	14♒18	18♊43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s36	21s58	0n33	23s27	2s49	3n27	0n54	19s20	0s20	20n32	0n15	11s47	1s56	19n38	0n35	6s53	1n39	24s29	8s39	21s40	21s51	13s 6	17n26	5s41
S 2	14 55	21 45	1 40	23 39	2 49	3 5	0 58	19 30	0 21	20 31	0 15	11 47	1 56	19 38	0 35	6 54	1 39	24 29	8 39	21 40	21 51	13 4	17 26	5 41
M 3	15 14	20 31	2 41	23 48	2 49	2 43	1 3	19 41	0 21	20 31	0 15	11 47	1 56	19 38	0 35	6 54	1 39	24 29	8 38	21 40	21 50	13 2	17 25	5 42
T 4	15 32	18 21	3 34	23 56	2 47	2 21	1 7	19 52	0 22	20 31	0 16	11 47	1 56	19 38	0 35	6 55	1 39	24 28	8 38	21 41	21 50	13 0	17 25	5 42
W 5	15 51	15 26	4 17	24 2	2 45	1 58	1 11	20 2	0 23	20 30	0 16	11 47	1 56	19 38	0 35	6 56	1 39	24 28	8 38	21 41	21 49	12 58	17 24	5 43
T 6	16 9	11 54	4 49	24 6	2 42	1 36	1 15	20 12	0 23	20 30	0 16	11 47	1 56	19 38	0 35	6 57	1 39	24 28	8 38	21 41	21 49	12 55	17 23	5 43
F 7	16 27	7 54	5 8	24 8	2 38	1 13	1 18	20 23	0 24	20 30	0 16	11 47	1 55	19 38	0 35	6 57	1 39	24 28	8 38	21 41	21 48	12 53	17 23	5 43
S 8	16 44	3 34	5 15	24 7	2 33	0 50	1 22	20 32	0 24	20 30	0 16	11 46	1 55	19 38	0 35	6 58	1 39	24 27	8 38	21 41	21 48	12 51	17 22	5 44
S 9	17 1	0n58	5 7	24 4	2 26	0 26	1 26	20 42	0 25	20 30	0 16	11 46	1 55	19 38	0 35	6 59	1 39	24 27	8 37	21 40	21 47	12 49	17 22	5 44
M10	17 18	5 34	4 46	23 59	2 18	0 3	1 29	20 52	0 25	20 29	0 17	11 46	1 55	19 38	0 35	7 0	1 39	24 27	8 37	21 40	21 47	12 46	17 21	5 44
T 11	17 35	10 2	4 9	23 50	2 9	0s21	1 32	21 1	0 26	20 29	0 17	11 46	1 55	19 38	0 36	7 0	1 39	24 27	8 37	21 39	21 46	12 44	17 21	5 45
W12	17 51	14 10	3 19	23 39	1 59	0 45	1 35	21 10	0 27	20 29	0 17	11 45	1 55	19 38	0 36	7 1	1 39	24 26	8 37	21 39	21 46	12 42	17 20	5 45
T 13	18 7	17 41	2 17	23 24	1 46	1 9	1 38	21 19	0 27	20 29	0 17	11 45	1 55	19 39	0 36	7 2	1 39	24 26	8 37	21 38	21 45	12 40	17 19	5 45
F 14	18 23	20 18	1 6	23 7	1 32	1 33	1 41	21 28	0 28	20 30	0 17	11 45	1 54	19 39	0 36	7 3	1 39	24 26	8 37	21 38	21 45	12 38	17 19	5 46
S 15	18 38	21 46	0s11	22 46	1 17	1 57	1 44	21 37	0 28	20 30	0 17	11 44	1 54	19 39	0 36	7 3	1 39	24 25	8 36	21 38	21 44	12 35	17 18	5 46
S 16	18 53	21 52	1 28	22 21	1 0	2 22	1 47	21 45	0 29	20 30	0 18	11 44	1 54	19 39	0 36	7 4	1 39	24 25	8 36	21 38	21 44	12 33	17 18	5 46
M17	19 8	20 33	2 40	21 53	0 42	2 46	1 49	21 53	0 29	20 30	0 18	11 43	1 54	19 39	0 36	7 5	1 39	24 25	8 36	21 38	21 43	12 31	17 17	5 47
T 18	19 22	17 56	3 43	21 23	0 22	3 11	1 52	22 1	0 30	20 30	0 18	11 43	1 54	19 39	0 36	7 5	1 39	24 25	8 36	21 39	21 43	12 29	17 17	5 47
W19	19 36	14 14	4 31	20 49	0 2	3 35	1 54	22 9	0 30	20 31	0 18	11 42	1 54	19 39	0 36	7 6	1 39	24 24	8 36	21 39	21 42	12 27	17 16	5 47
T 20	19 50	9 44	5 3	20 14	0n18	4 0	1 56	22 16	0 31	20 31	0 18	11 42	1 54	19 39	0 36	7 7	1 39	24 24	8 36	21 39	21 42	12 24	17 16	5 48
F 21	20 3	4 44	5 17	19 37	0 39	4 25	1 58	22 24	0 32	20 31	0 18	11 41	1 54	19 40	0 36	7 7	1 39	24 24	8 35	21 39	21 41	12 22	17 15	5 48
S 22	20 16	0s28	5 11	19 0	0 59	4 50	2 0	22 31	0 32	20 32	0 19	11 40	1 53	19 40	0 36	7 8	1 39	24 23	8 35	21 39	21 41	12 20	17 15	5 48
S 23	20 28	5 36	4 47	18 24	1 17	5 14	2 2	22 38	0 33	20 32	0 19	11 39	1 53	19 40	0 36	7 9	1 39	24 23	8 35	21 39	21 40	12 18	17 14	5 48
M24	20 41	10 23	4 7	17 50	1 35	5 39	2 3	22 44	0 33	20 33	0 19	11 39	1 53	19 40	0 36	7 9	1 39	24 22	8 35	21 39	21 40	12 15	17 13	5 49
T 25	20 52	14 36	3 14	17 19	1 50	6 4	2 5	22 51	0 34	20 33	0 19	11 38	1 53	19 40	0 36	7 10	1 39	24 22	8 35	21 38	21 39	12 13	17 13	5 49
W26	21 4	18 0	2 11	16 51	2 4	6 29	2 6	22 57	0 34	20 34	0 19	11 37	1 53	19 41	0 36	7 11	1 40	24 22	8 35	21 38	21 39	12 11	17 12	5 49
T 27	21 15	20 25	1 2	16 28	2 15	6 54	2 8	23 3	0 35	20 34	0 20	11 36	1 53	19 41	0 36	7 11	1 40	24 21	8 34	21 38	21 38	12 9	17 12	5 49
F 28	21 25	21 45	0n 9	16 10	2 24	7 19	2 9	23 9	0 35	20 35	0 20	11 35	1 53	19 41	0 36	7 12	1 40	24 21	8 34	21 38	21 38	12 6	17 11	5 50
S 29	21 35	21 56	1 18	15 57	2 31	7 43	2 10	23 15	0 36	20 36	0 20	11 34	1 52	19 42	0 36	7 12	1 40	24 21	8 34	21 38	21 37	12 4	17 11	5 50
S 30	21s45	21s 1	2n22	15s48	2n36	8s 8	2n11	23s20	0s36	20n37	0n20	11s33	1s52	19n42	0n36	7s13	1n40	24s20	8s34	21s38	21s37	12s 2	17n10	5s50

Julian Day Number = 2374418.5, Delta T = 21.83 sec
Ecliptic obliquity = 23°27'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°47'31, Lahiri = 20°54'32Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1788
geocentric

DECEMBER 1788 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 42 1	9♐33'34	16♉34	22°D 4	27♎29	16♐43	29°R26	4♓42	4°R41	22♎31	15♒38	7°R49	7♐36	14♒24	18°R39	M 1
T 2	4 45 58	10°34'30	28°35	22♏11	28°40	17°28	29♋23	4°44	4♌39	22°32	15°39	7♐49	7°33	14°31	18♊36	T 2
W 3	4 49 54	11°35'27	10♒29	22°27	29°51	18°13	29°20	4°47	4°38	22°34	15°39	7°49	7°30	14°38	18°32	W 3
T 4	4 53 51	12°36'24	22°20	22°52	1♏ 2	18°57	29°16	4°50	4°37	22°36	15°40	7°48	7°27	14°45	18°28	T 4
F 5	4 57 47	13°37'22	4♓13	23°25	2°13	19°42	29°12	4°52	4°36	22°37	15°41	7°48	7°24	14°51	18°25	F 5
S 6	5 1 44	14°38'20	16°11	24° 5	3°24	20°27	29° 9	4°55	4°34	22°39	15°42	7°D48	7°21	14°58	18°21	S 6
S 7	5 5 40	15°39'20	28°20	24°52	4°35	21°12	29° 5	4°58	4°33	22°40	15°43	7°48	7°17	15° 5	18°17	S 7
M 8	5 9 37	16°40'19	10♈44	25°44	5°47	21°57	29° 0	5° 1	4°31	22°42	15°44	7°49	7°14	15°11	18°13	M 8
T 9	5 13 33	17°41'20	23°28	26°41	6°58	22°42	28°56	5° 5	4°30	22°43	15°45	7°49	7°11	15°18	18°10	T 9
W10	5 17 30	18°42'21	6♉34	27°42	8°10	23°27	28°51	5° 8	4°28	22°45	15°47	7°50	7° 8	15°25	18° 6	W10
T 11	5 21 27	19°43'22	20° 4	28°46	9°22	24°12	28°47	5°11	4°27	22°46	15°48	7°51	7° 5	15°32	18° 2	T 11
F 12	5 25 23	20°44'25	3♊58	29°54	10°34	24°57	28°42	5°15	4°25	22°48	15°49	7°R52	7° 2	15°38	17°58	F 12
S 13	5 29 20	21°45'27	18°14	1♐ 5	11°46	25°42	28°37	5°18	4°23	22°49	15°50	7°52	6°58	15°45	17°54	S 13
S 14	5 33 16	22°46'31	2♋47	2°19	12°58	26°27	28°31	5°22	4°22	22°50	15°51	7°51	6°55	15°52	17°51	S 14
M15	5 37 13	23°47'35	17°32	3°34	14°10	27°12	28°26	5°26	4°20	22°52	15°52	7°49	6°52	15°58	17°47	M15
T 16	5 41 9	24°48'40	2♌19	4°52	15°22	27°58	28°20	5°30	4°18	22°53	15°54	7°47	6°49	16° 5	17°43	T 16
W17	5 45 6	25°49'45	17° 3	6°11	16°34	28°43	28°15	5°34	4°16	22°54	15°55	7°45	6°46	16°12	17°39	W17
T 18	5 49 3	26°50'52	1♍36	7°31	17°47	29°29	28° 9	5°38	4°14	22°55	15°56	7°42	6°42	16°19	17°36	T 18
F 19	5 52 59	27°51'59	15°55	8°53	18°59	0♑14	28° 3	5°42	4°12	22°57	15°57	7°41	6°39	16°25	17°32	F 19
S 20	5 56 56	28°53'06	29°56	10°16	20°12	0°59	27°57	5°46	4°10	22°58	15°59	7°D41	6°36	16°32	17°28	S 20
S 21	6 0 52	29°54'15	13♎39	11°40	21°24	1°45	27°50	5°50	4° 8	22°59	16° 0	7°41	6°33	16°39	17°25	S 21
M22	6 4 49	0♑55'24	27° 4	13° 5	22°37	2°31	27°44	5°55	4° 6	23° 0	16° 1	7°43	6°30	16°45	17°21	M22
T 23	6 8 45	1°56'33	10♏13	14°31	23°50	3°16	27°37	5°59	4° 4	23° 1	16° 3	7°44	6°27	16°52	17°17	T 23
W24	6 12 42	2°57'43	23° 7	15°57	25° 3	4° 2	27°31	6° 3	4° 2	23° 2	16° 4	7°46	6°23	16°59	17°14	W24
T 25	6 16 38	3°58'54	5♐48	17°24	26°15	4°48	27°24	6° 8	4° 0	23° 3	16° 5	7°R46	6°20	17° 6	17°10	T 25
F 26	6 20 35	5° 0'05	18°18	18°52	27°28	5°33	27°17	6°13	3°58	23° 4	16° 7	7°46	6°17	17°12	17° 7	F 26
S 27	6 24 32	6° 1'17	0♑38	20°20	28°41	6°19	27°10	6°18	3°56	23° 5	16° 8	7°44	6°14	17°19	17° 3	S 27
S 28	6 28 28	7° 2'28	12°49	21°49	29°54	7° 5	27° 3	6°22	3°53	23° 6	16°10	7°40	6°11	17°26	17° 0	S 28
M29	6 32 25	8° 3'39	24°52	23°18	1♐ 8	7°51	26°56	6°27	3°51	23° 7	16°11	7°36	6° 8	17°32	16°56	M29
T 30	6 36 21	9° 4'51	6♒49	24°48	2°21	8°37	26°48	6°32	3°49	23° 8	16°13	7°30	6° 4	17°39	16°53	T 30
W31	6 40 18	10♑ 6'02	18♒42	26♐18	3♐34	9♑23	26♋41	6♓37	3♌47	23♎ 9	16♒14	7♐23	6♐ 1	17♒46	16♊49	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	21s55	19s 9	3n19	15s44	2n40	8s32	2n12	23s25	0s37	20n37	0n20	11s32	1s52	19n42	0n36	7s14	1n40	24s20	8s34	21s38	21s36	12s 0	17n10	5s50
T 2	22 3	16 27	4 6	15 44	2 41	8 57	2 12	23 30	0 37	20 38	0 20	11 31	1 52	19 42	0 36	7 14	1 40	24 19	8 34	21 38	21 36	11 58	17 9	5 50
W 3	22 12	13 6	4 42	15 49	2 41	9 21	2 13	23 34	0 38	20 39	0 21	11 30	1 52	19 43	0 36	7 15	1 40	24 19	8 34	21 38	21 35	11 55	17 9	5 50
T 4	22 20	9 15	5 6	15 56	2 40	9 45	2 13	23 39	0 39	20 40	0 21	11 29	1 52	19 43	0 36	7 15	1 40	24 18	8 33	21 38	21 35	11 53	17 9	5 51
F 5	22 28	5 4	5 17	16 7	2 37	10 10	2 14	23 43	0 39	20 41	0 21	11 28	1 52	19 43	0 36	7 16	1 40	24 18	8 33	21 38	21 34	11 51	17 8	5 51
S 6	22 35	0 38	5 14	16 20	2 34	10 34	2 14	23 47	0 40	20 42	0 21	11 27	1 51	19 44	0 36	7 16	1 40	24 18	8 33	21 38	21 34	11 49	17 8	5 51
S 7	22 42	3n53	4 57	16 35	2 30	10 57	2 14	23 50	0 40	20 43	0 21	11 25	1 51	19 44	0 36	7 17	1 40	24 17	8 33	21 38	21 33	11 46	17 7	5 51
M 8	22 48	8 20	4 26	16 52	2 25	11 21	2 14	23 54	0 41	20 44	0 22	11 24	1 51	19 45	0 36	7 17	1 40	24 17	8 33	21 38	21 33	11 44	17 7	5 51
T 9	22 54	12 33	3 42	17 11	2 19	11 44	2 14	23 57	0 41	20 45	0 22	11 23	1 51	19 45	0 37	7 18	1 40	24 16	8 33	21 38	21 32	11 42	17 6	5 51
W10	22 59	16 19	2 45	17 31	2 13	12 8	2 14	24 0	0 42	20 46	0 22	11 22	1 51	19 45	0 37	7 18	1 40	24 16	8 33	21 38	21 31	11 40	17 6	5 51
T 11	23 4	19 20	1 37	17 51	2 6	12 31	2 14	24 2	0 42	20 47	0 22	11 20	1 51	19 46	0 37	7 19	1 40	24 15	8 32	21 39	21 31	11 37	17 5	5 51
F 12	23 9	21 19	0 22	18 12	1 59	12 53	2 14	24 5	0 43	20 48	0 22	11 19	1 51	19 46	0 37	7 19	1 40	24 15	8 32	21 39	21 30	11 35	17 5	5 52
S 13	23 13	22 0	0s57	18 34	1 52	13 16	2 13	24 7	0 43	20 50	0 22	11 17	1 50	19 47	0 37	7 20	1 40	24 14	8 32	21 39	21 30	11 33	17 5	5 52
S 14	23 16	21 13	2 14	18 56	1 45	13 38	2 13	24 9	0 43	20 51	0 23	11 16	1 50	19 47	0 37	7 20	1 40	24 14	8 32	21 38	21 29	11 31	17 4	5 52
M15	23 19	18 59	3 22	19 18	1 37	14 0	2 12	24 10	0 44	20 52	0 23	11 14	1 50	19 48	0 37	7 21	1 40	24 13	8 32	21 38	21 29	11 28	17 4	5 52
T 16	23 22	15 29	4 17	19 40	1 30	14 22	2 11	24 11	0 44	20 53	0 23	11 13	1 50	19 48	0 37	7 21	1 40	24 13	8 32	21 38	21 28	11 26	17 3	5 52
W17	23 24	11 3	4 55	20 1	1 22	14 43	2 11	24 12	0 45	20 55	0 23	11 11	1 50	19 48	0 37	7 22	1 41	24 12	8 32	21 37	21 28	11 24	17 3	5 52
T 18	23 26	6 2	5 14	20 22	1 14	15 5	2 10	24 13	0 45	20 56	0 23	11 10	1 50	19 49	0 37	7 22	1 41	24 12	8 32	21 37	21 27	11 22	17 3	5 52
F 19	23 27	0 46	5 12	20 43	1 6	15 25	2 9	24 14	0 46	20 58	0 23	11 8	1 50	19 49	0 37	7 22	1 41	24 11	8 32	21 37	21 27	11 19	17 2	5 52
S 20	23 28	4s26	4 52	21 3	0 58	15 46	2 8	24 14	0 46	20 59	0 24	11 6	1 50	19 50	0 37	7 23	1 41	24 11	8 31	21 37	21 26	11 17	17 2	5 52
S 21	23 28	9 19	4 16	21 23	0 50	16 6	2 6	24 14	0 47	21 0	0 24	11 5	1 50	19 50	0 37	7 23	1 41	24 10	8 31	21 37	21 26	11 15	17 2	5 52
M22	23 28	13 38	3 26	21 42	0 42	16 26	2 5	24 14	0 47	21 2	0 24	11 3	1 49	19 51	0 37	7 23	1 41	24 10	8 31	21 37	21 25	11 12	17 1	5 52
T 23	23 27	17 12	2 26	22 0	0 35	16 45	2 4	24 13	0 48	21 3	0 24	11 1	1 49	19 51	0 37	7 24	1 41	24 9	8 31	21 37	21 25	11 10	17 1	5 52
W24	23 26	19 52	1 20	22 17	0 27	17 4	2 2	24 12	0 48	21 5	0 24	10 59	1 49	19 52	0 37	7 24	1 41	24 9	8 31	21 38	21 24	11 8	17 1	5 52
T 25	23 24	21 29	0 11	22 33	0 19	17 23	2 1	24 11	0 49	21 6	0 25	10 58	1 49	19 52	0 37	7 24	1 41	24 8	8 31	21 38	21 23	11 6	17 0	5 52
F 26	23 22	22 0	0n57	22 48	0 12	17 41	1 59	24 10	0 49	21 8	0 25	10 56	1 49	19 53	0 37	7 25	1 41	24 8	8 31	21 38	21 23	11 3	17 0	5 52
S 27	23 20	21 26	2 2	23 3	0 4	17 58	1 58	24 8	0 49	21 9	0 25	10 54	1 49	19 54	0 37	7 25	1 41	24 7	8 31	21 37	21 22	11 1	17 0	5 52
S 28	23 17	19 51	3 0	23 16	0s 3	18 16	1 56	24 6	0 50	21 11	0 25	10 52	1 49	19 54	0 37	7 25	1 41	24 7	8 31	21 37	21 22	10 59	17 0	5 52
M29	23 13	17 25	3 49	23 28	0 11	18 33	1 54	24 4	0 50	21 12	0 25	10 50	1 49	19 55	0 37	7 26	1 41	24 6	8 31	21 36	21 21	10 57	16 59	5 52
T 30	23 9	14 16	4 28	23 39	0 18	18 49	1 52	24 2	0 51	21 14	0 25	10 48	1 49	19 55	0 37	7 26	1 41	24 6	8 30	21 35	21 21	10 54	16 59	5 52
W31	23s 5	10s34	4n55	23s49	0s25	19s 5	1n50	23s59	0s51	21n16	0n25	10s46	1s48	19n56	0n37	7s26	1n41	24s 5	8s30	21s34	21s20	10s52	16n59	5s51

Julian Day Number = 2374448.5, Delta T = 21.81 sec
Ecliptic obliquity = 23°27'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°47'35, Lahiri = 20°54'36Greg. Calendar