Astrodienst Ephemeris Tables

for the year 2088

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 2088
geocentric

JANUARY 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 36	10♑31'23	1♈10	29♑30	7♐17	4♑22	17♎19	6°R48	1♓12	20°R32	20°R27	14°R15	13♏ 2	3♐57	19°R37	T 1
F 2	6 46 32	11°32'32	14°45	0♒44	8°30	5° 7	17°24	6♉47	1°15	20♌31	20♈27	14°D15	12°59	4° 4	19♊34	F 2
S 3	6 50 29	12°33'40	28°39	1°54	9°44	5°53	17°30	6°46	1°17	20°30	20°27	14♏15	12°56	4°10	19°30	S 3
S 4	6 54 25	13°34'49	12♉53	2°59	10°58	6°38	17°35	6°46	1°20	20°29	20°D27	14°R16	12°53	4°17	19°27	S 4
M 5	6 58 22	14°35'57	27°25	3°59	12°12	7°23	17°40	6°45	1°23	20°27	20°27	14°15	12°49	4°23	19°24	M 5
T 6	7 2 18	15°37'05	12♊12	4°52	13°26	8° 8	17°45	6°45	1°25	20°26	20°27	14°12	12°46	4°30	19°21	T 6
W 7	7 6 15	16°38'13	27° 8	5°38	14°40	8°54	17°50	6°45	1°28	20°25	20°27	14° 7	12°43	4°37	19°18	W 7
T 8	7 10 12	17°39'21	12♋ 5	6°17	15°54	9°39	17°55	6°D45	1°31	20°23	20°28	13°58	12°40	4°43	19°14	T 8
F 9	7 14 8	18°40'28	26°54	6°46	17° 9	10°25	17°59	6°45	1°33	20°22	20°28	13°48	12°37	4°50	19°11	F 9
S 10	7 18 5	19°41'35	11♌27	7° 6	18°23	11°10	18° 4	6°45	1°36	20°21	20°28	13°38	12°34	4°57	19° 8	S 10
S 11	7 22 1	20°42'43	25°36	7°R15	19°37	11°56	18° 8	6°45	1°39	20°19	20°28	13°27	12°30	5° 3	19° 5	S 11
M12	7 25 58	21°43'50	9♍18	7°13	20°51	12°41	18°12	6°46	1°42	20°18	20°28	13°18	12°27	5°10	19° 3	M12
T 13	7 29 54	22°44'57	22°31	6°59	22° 5	13°27	18°16	6°46	1°45	20°16	20°28	13°12	12°24	5°17	19° 0	T 13
W14	7 33 51	23°46'04	5♎19	6°34	23°20	14°13	18°19	6°47	1°47	20°15	20°28	13° 8	12°21	5°23	18°57	W14
T 15	7 37 47	24°47'10	17°43	5°57	24°34	14°58	18°23	6°48	1°50	20°13	20°29	13° 6	12°18	5°30	18°54	T 15
F 16	7 41 44	25°48'17	29°50	5° 9	25°48	15°44	18°26	6°48	1°53	20°12	20°29	13°D 6	12°15	5°37	18°51	F 16
S 17	7 45 41	26°49'24	11♏44	4°11	27° 2	16°30	18°29	6°49	1°56	20°10	20°29	13°R 7	12°11	5°43	18°49	S 17
S 18	7 49 37	27°50'30	23°32	3° 4	28°17	17°16	18°32	6°50	1°59	20° 9	20°30	13° 6	12° 8	5°50	18°46	S 18
M19	7 53 34	28°51'37	5♐18	1°52	29°31	18° 1	18°35	6°52	2° 2	20° 7	20°30	13° 4	12° 5	5°57	18°44	M19
T 20	7 57 30	29°52'43	17° 8	0°35	0♑46	18°47	18°38	6°53	2° 5	20° 6	20°30	12°59	12° 2	6° 3	18°41	T 20
W21	8 1 27	0♒53'48	29° 5	29♑17	2° 0	19°33	18°40	6°54	2° 8	20° 4	20°31	12°51	11°59	6°10	18°39	W21
T 22	8 5 23	1°54'53	11♑12	28° 0	3°14	20°19	18°42	6°56	2°11	20° 3	20°31	12°41	11°55	6°17	18°36	T 22
F 23	8 9 20	2°55'58	23°31	26°46	4°29	21° 5	18°44	6°57	2°14	20° 1	20°31	12°28	11°52	6°23	18°34	F 23
S 24	8 13 16	3°57'02	6♒ 3	25°37	5°43	21°51	18°46	6°59	2°18	19°59	20°32	12°14	11°49	6°30	18°32	S 24
S 25	8 17 13	4°58'05	18°47	24°34	6°58	22°37	18°48	7° 1	2°21	19°58	20°32	12° 0	11°46	6°37	18°30	S 25
M26	8 21 10	5°59'07	1♓44	23°39	8°12	23°24	18°49	7° 3	2°24	19°56	20°33	11°47	11°43	6°43	18°27	M26
T 27	8 25 6	7° 0'08	14°52	22°53	9°27	24°10	18°50	7° 5	2°27	19°55	20°33	11°36	11°40	6°50	18°25	T 27
W28	8 29 3	8° 1'09	28°10	22°15	10°41	24°56	18°51	7° 7	2°30	19°53	20°34	11°29	11°36	6°57	18°23	W28
T 29	8 32 59	9° 2'08	11♈39	21°47	11°56	25°42	18°52	7° 9	2°34	19°51	20°34	11°24	11°33	7° 3	18°22	T 29
F 30	8 36 56	10° 3'06	25°18	21°27	13°10	26°28	18°53	7°12	2°37	19°50	20°35	11°22	11°30	7°10	18°20	F 30
S 31	8 40 52	11♒ 4'03	9♉ 8	21♑16	14♑25	27♑15	18♎54	7♉14	2♓40	19♌48	20♈36	11♏22	11♏27	7♐17	18♊18	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	23s 1	3n40	3n30	21s47	1s34	19s56	1n36	24s 4	0s43	5s36	1n17	11n25	2s30	11s44	0s44	14n50	0n12	7s58	17s12	16s 6	15s45	19s 7	17n16	5s46
F 2	22 55	8 8	2 31	21 23	1 26	20 9	1 34	24 3	0 43	5 38	1 18	11 25	2 29	11 43	0 44	14 50	0 12	7 58	17 12	16 6	15 44	19 7	17 16	5 46
S 3	22 50	12 17	1 23	20 58	1 16	20 23	1 32	24 1	0 44	5 40	1 18	11 25	2 29	11 42	0 44	14 51	0 12	7 57	17 11	16 6	15 43	19 8	17 16	5 46
S 4	22 44	15 49	0 7	20 33	1 6	20 35	1 30	24 0	0 44	5 42	1 18	11 25	2 29	11 41	0 44	14 51	0 12	7 57	17 11	16 7	15 42	19 8	17 16	5 46
M 5	22 38	18 26	1s10	20 8	0 55	20 48	1 28	23 58	0 45	5 44	1 18	11 25	2 28	11 40	0 44	14 52	0 12	7 57	17 11	16 6	15 41	19 9	17 16	5 45
T 6	22 31	19 52	2 23	19 43	0 42	20 59	1 26	23 56	0 45	5 45	1 19	11 26	2 28	11 39	0 44	14 52	0 12	7 56	17 10	16 6	15 40	19 9	17 16	5 45
W 7	22 23	19 56	3 28	19 18	0 28	21 10	1 23	23 53	0 46	5 47	1 19	11 26	2 28	11 38	0 44	14 52	0 12	7 56	17 10	16 4	15 39	19 9	17 16	5 45
T 8	22 16	18 36	4 18	18 55	0 14	21 20	1 21	23 51	0 46	5 48	1 19	11 26	2 28	11 37	0 44	14 53	0 13	7 56	17 10	16 1	15 38	19 10	17 15	5 45
F 9	22 8	16 1	4 50	18 32	0n 2	21 30	1 18	23 48	0 47	5 50	1 19	11 26	2 27	11 36	0 44	14 53	0 13	7 55	17 9	15 58	15 37	19 10	17 15	5 45
S 10	21 59	12 29	5 3	18 11	0 19	21 39	1 16	23 44	0 47	5 51	1 19	11 27	2 27	11 35	0 44	14 54	0 13	7 55	17 9	15 55	15 36	19 11	17 15	5 45
S 11	21 50	8 19	4 57	17 52	0 37	21 48	1 13	23 41	0 48	5 53	1 20	11 27	2 27	11 34	0 44	14 54	0 13	7 55	17 8	15 52	15 35	19 11	17 15	5 45
M12	21 40	3 52	4 33	17 34	0 55	21 56	1 11	23 37	0 48	5 54	1 20	11 28	2 26	11 33	0 44	14 55	0 13	7 54	17 8	15 49	15 34	19 11	17 15	5 44
T 13	21 31	0s38	3 55	17 20	1 14	22 3	1 8	23 33	0 49	5 55	1 20	11 28	2 26	11 32	0 44	14 55	0 13	7 54	17 8	15 48	15 33	19 12	17 15	5 44
W14	21 20	4 58	3 7	17 8	1 32	22 10	1 6	23 29	0 49	5 56	1 20	11 28	2 26	11 31	0 44	14 56	0 13	7 53	17 7	15 46	15 32	19 12	17 15	5 44
T 15	21 9	8 58	2 11	16 59	1 51	22 16	1 3	23 24	0 50	5 57	1 21	11 29	2 26	11 30	0 44	14 56	0 13	7 53	17 7	15 46	15 31	19 13	17 15	5 44
F 16	20 58	12 30	1 10	16 53	2 9	22 21	1 1	23 20	0 50	5 58	1 21	11 29	2 25	11 29	0 44	14 57	0 13	7 52	17 7	15 46	15 30	19 13	17 15	5 44
S 17	20 47	15 28	0 7	16 50	2 26	22 26	0 58	23 15	0 50	5 59	1 21	11 30	2 25	11 28	0 44	14 57	0 13	7 52	17 6	15 46	15 29	19 13	17 15	5 44
S 18	20 35	17 45	0n55	16 50	2 42	22 30	0 55	23 9	0 51	6 0	1 22	11 31	2 25	11 27	0 44	14 58	0 13	7 52	17 6	15 46	15 28	19 14	17 15	5 43
M19	20 23	19 17	1 55	16 52	2 56	22 33	0 52	23 4	0 51	6 1	1 22	11 31	2 24	11 26	0 44	14 58	0 13	7 51	17 5	15 45	15 27	19 14	17 15	5 43
T 20	20 10	19 59	2 50	16 57	3 8	22 36	0 50	22 58	0 52	6 2	1 22	11 32	2 24	11 24	0 44	14 59	0 13	7 51	17 5	15 44	15 26	19 14	17 15	5 43
W21	19 57	19 47	3 38	17 4	3 18	22 38	0 47	22 52	0 52	6 2	1 22	11 33	2 24	11 23	0 44	14 59	0 13	7 50	17 5	15 41	15 25	19 15	17 15	5 43
T 22	19 43	18 41	4 17	17 12	3 25	22 39	0 44	22 45	0 53	6 3	1 23	11 34	2 23	11 22	0 44	15 0	0 13	7 50	17 4	15 38	15 24	19 15	17 15	5 43
F 23	19 30	16 43	4 44	17 22	3 29	22 40	0 41	22 39	0 53	6 4	1 23	11 34	2 23	11 21	0 44	15 0	0 13	7 49	17 4	15 34	15 23	19 15	17 15	5 42
S 24	19 15	13 56	4 58	17 33	3 31	22 40	0 39	22 32	0 54	6 4	1 23	11 35	2 23	11 20	0 44	15 1	0 13	7 49	17 4	15 30	15 22	19 16	17 15	5 42
S 25	19 1	10 27	4 58	17 44	3 31	22 39	0 36	22 25	0 54	6 4	1 23	11 36	2 23	11 19	0 44	15 1	0 13	7 48	17 3	15 26	15 21	19 16	17 15	5 42
M26	18 46	6 27	4 42	17 56	3 28	22 38	0 33	22 18	0 54	6 5	1 24	11 37	2 22	11 18	0 44	15 2	0 13	7 48	17 3	15 22	15 20	19 16	17 15	5 42
T 27	18 31	2 5	4 12	18 8	3 24	22 35	0 30	22 10	0 55	6 5	1 24	11 38	2 22	11 16	0 44	15 2	0 13	7 47	17 3	15 18	15 19	19 17	17 15	5 41
W28	18 15	2n26	3 27	18 20	3 18	22 33	0 27	22 2	0 55	6 5	1 24	11 39	2 22	11 15	0 44	15 3	0 13	7 47	17 2	15 16	15 18	19 17	17 15	5 41
T 29	17 59	6 54	2 30	18 32	3 11	22 29	0 24	21 54	0 56	6 5	1 24	11 40	2 21	11 14	0 44	15 3	0 13	7 46	17 2	15 15	15 17	19 17	17 15	5 41
F 30	17 43	11 5	1 24	18 43	3 2	22 25	0 22	21 46	0 56	6 5	1 25	11 41	2 21	11 13	0 44	15 4	0 13	7 46	17 2	15 14	15 16	19 17	17 15	5 41
S 31	17s27	14n43	0n12	18s54	2n53	22s20	0n19	21s37	0s56	6s 5	1n25	11n42	2s21	11s12	0s44	15n 4	0n13	7s45	17s 1	15s14	15s15	19s18	17n16	5s40

Julian Day Number = 2483686.5, Delta T = 87.92 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'11, Lahiri = 25°05'12

ASTRODIENST EPHEMERIS for the year 2088
geocentric

FEBRUARY 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 49	12♒ 4'59	23♉10	21°D13	15♉39	28♉ 1	18♎54	7♉17	2♓43	19°R46	20♈36	11°R22	11♏24	7♐23	18°R16	S 1
M 2	8 48 45	13° 5'53	7♊23	21♉18	16°54	28°47	18°R54	7°19	2°47	19♌45	20°37	11♏20	11°21	7°30	18♊15	M 2
T 3	8 52 42	14° 6'46	21°46	21°30	18° 8	29°34	18°54	7°22	2°50	19°43	20°38	11°17	11°17	7°37	18°13	T 3
W 4	8 56 39	15° 7'38	6♋16	21°48	19°23	0♒20	18°54	7°25	2°53	19°41	20°38	11°10	11°14	7°43	18°12	W 4
T 5	9 0 35	16° 8'29	20°48	22°13	20°37	1° 6	18°53	7°28	2°57	19°40	20°39	11° 1	11°11	7°50	18°10	T 5
F 6	9 4 32	17° 9'18	5♌15	22°44	21°52	1°53	18°53	7°31	3° 0	19°38	20°40	10°50	11° 8	7°57	18° 9	F 6
S 7	9 8 28	18°10'06	19°30	23°19	23° 6	2°39	18°52	7°34	3° 3	19°36	20°40	10°37	11° 5	8° 3	18° 8	S 7
S 8	9 12 25	19°10'53	3♍28	23°59	24°21	3°26	18°51	7°38	3° 7	19°35	20°41	10°25	11° 1	8°10	18° 6	S 8
M 9	9 16 21	20°11'38	17° 4	24°43	25°35	4°12	18°50	7°41	3°10	19°33	20°42	10°14	10°58	8°17	18° 5	M 9
T 10	9 20 18	21°12'23	0♎16	25°32	26°50	4°59	18°48	7°44	3°13	19°31	20°43	10° 6	10°55	8°23	18° 4	T 10
W11	9 24 14	22°13'06	13° 5	26°24	28° 5	5°45	18°47	7°48	3°17	19°30	20°44	10° 1	10°52	8°30	18° 3	W11
T 12	9 28 11	23°13'48	25°32	27°19	29°19	6°32	18°45	7°52	3°20	19°28	20°44	9°58	10°49	8°37	18° 2	T 12
F 13	9 32 7	24°14'30	7♏41	28°17	0♒34	7°18	18°43	7°55	3°24	19°26	20°45	9°D57	10°46	8°43	18° 1	F 13
S 14	9 36 4	25°15'10	19°38	29°18	1°48	8° 5	18°41	7°59	3°27	19°25	20°46	9°R57	10°42	8°50	18° 1	S 14
S 15	9 40 1	26°15'49	1♐28	0♒22	3° 3	8°52	18°39	8° 3	3°31	19°23	20°47	9°57	10°39	8°56	18° 0	S 15
M16	9 43 57	27°16'27	13°16	1°27	4°18	9°38	18°36	8° 7	3°34	19°21	20°48	9°56	10°36	9° 3	17°59	M16
T 17	9 47 54	28°17'04	25° 8	2°35	5°32	10°25	18°33	8°11	3°37	19°20	20°49	9°52	10°33	9°10	17°59	T 17
W18	9 51 50	29°17'40	7♉ 9	3°46	6°47	11°12	18°31	8°16	3°41	19°18	20°50	9°46	10°30	9°16	17°58	W18
T 19	9 55 47	0♓18'14	19°22	4°58	8° 1	11°59	18°28	8°20	3°44	19°16	20°51	9°38	10°26	9°23	17°58	T 19
F 20	9 59 43	1°18'47	1♒50	6°11	9°16	12°45	18°24	8°24	3°48	19°15	20°52	9°27	10°23	9°30	17°58	F 20
S 21	10 3 40	2°19'18	14°36	7°27	10°31	13°32	18°21	8°29	3°51	19°13	20°53	9°15	10°20	9°36	17°58	S 21
S 22	10 7 36	3°19'48	27°38	8°44	11°45	14°19	18°17	8°33	3°55	19°11	20°54	9° 3	10°17	9°43	17°57	S 22
M23	10 11 33	4°20'17	10♓57	10° 2	13° 0	15° 6	18°14	8°38	3°58	19°10	20°55	8°52	10°14	9°50	17°D57	M23
T 24	10 15 30	5°20'44	24°29	11°22	14°14	15°53	18°10	8°43	4° 2	19° 8	20°56	8°43	10°11	9°56	17°57	T 24
W25	10 19 26	6°21'09	8♈12	12°44	15°29	16°40	18° 6	8°48	4° 5	19° 6	20°57	8°36	10° 7	10° 3	17°58	W25
T 26	10 23 23	7°21'32	22° 3	14° 6	16°44	17°26	18° 1	8°53	4° 9	19° 5	20°58	8°33	10° 4	10°10	17°58	T 26
F 27	10 27 19	8°21'53	6♉ 0	15°30	17°58	18°13	17°57	8°58	4°12	19° 3	20°59	8°D31	10° 1	10°16	17°58	F 27
S 28	10 31 16	9°22'13	20° 2	16°56	19°13	19° 0	17°52	9° 3	4°15	19° 2	21° 0	8°32	9°58	10°23	17°58	S 28
S 29	10 35 12	10♓22'30	4♊ 7	18♒22	20♒27	19♒47	17♎48	9♉ 8	4♓19	19♌ 0	21♈ 1	8°R33	9♏55	10♐30	17♊59	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s10	17n33	1s 2	19s 4	2n43	22s15	0n16	21s29	0s57	6s 5	1n25	11n43	2s21	11s11	0s44	15n 5	0n13	7s45	17s 1	15s14	15s14	19s18	17n16	5s40
M 2	16 53	19 21	2 13	19 14	2 32	22 9	0 13	21 20	0 57	6 5	1 25	11 44	2 20	11 9	0 44	15 5	0 13	7 44	17 1	15 13	15 13	19 18	17 16	5 40
T 3	16 35	19 54	3 16	19 23	2 21	22 2	0 10	21 10	0 58	6 5	1 26	11 45	2 20	11 8	0 44	15 6	0 13	7 43	17 0	15 12	15 13	19 19	17 16	5 40
W 4	16 17	19 10	4 7	19 31	2 10	21 54	0 7	21 1	0 58	6 4	1 26	11 47	2 20	11 7	0 44	15 6	0 13	7 43	17 0	15 10	15 12	19 19	17 16	5 39
T 5	15 59	17 10	4 42	19 38	1 59	21 46	0 5	20 51	0 58	6 4	1 26	11 48	2 19	11 6	0 44	15 7	0 13	7 42	17 0	15 7	15 11	19 19	17 16	5 39
F 6	15 41	14 7	4 59	19 45	1 47	21 37	0 2	20 41	0 59	6 3	1 26	11 49	2 19	11 5	0 44	15 8	0 13	7 42	16 59	15 4	15 10	19 19	17 16	5 39
S 7	15 23	10 16	4 57	19 50	1 36	21 28	0s 1	20 31	0 59	6 3	1 27	11 50	2 19	11 3	0 44	15 8	0 13	7 41	16 59	15 0	15 9	19 20	17 17	5 38
S 8	15 4	5 55	4 37	19 54	1 25	21 18	0 4	20 21	0 59	6 2	1 27	11 52	2 19	11 2	0 44	15 9	0 13	7 41	16 59	14 56	15 8	19 20	17 17	5 38
M 9	14 45	1 24	4 1	19 58	1 14	21 7	0 6	20 10	1 0	6 2	1 27	11 53	2 18	11 1	0 44	15 9	0 13	7 40	16 58	14 53	15 7	19 20	17 17	5 38
T 10	14 25	3s 4	3 14	20 0	1 3	20 56	0 9	19 59	1 0	6 1	1 27	11 54	2 18	11 0	0 44	15 10	0 13	7 40	16 58	14 50	15 6	19 21	17 17	5 37
W11	14 6	7 16	2 17	20 1	0 52	20 44	0 12	19 48	1 1	6 0	1 28	11 56	2 18	10 58	0 44	15 10	0 13	7 39	16 58	14 49	15 5	19 21	17 18	5 37
T 12	13 46	11 3	1 16	20 1	0 41	20 31	0 14	19 37	1 1	5 59	1 28	11 57	2 17	10 57	0 44	15 11	0 13	7 38	16 57	14 48	15 4	19 21	17 18	5 37
F 13	13 26	14 15	0 12	20 0	0 31	20 18	0 17	19 25	1 1	5 58	1 28	11 59	2 17	10 56	0 44	15 11	0 13	7 38	16 57	14 47	15 3	19 21	17 18	5 36
S 14	13 6	16 49	0n51	19 57	0 21	20 4	0 20	19 14	1 2	5 57	1 28	12 0	2 17	10 55	0 43	15 12	0 13	7 37	16 57	14 47	15 2	19 22	17 18	5 36
S 15	12 45	18 37	1 52	19 53	0 11	19 50	0 22	19 2	1 2	5 56	1 29	12 2	2 17	10 53	0 43	15 12	0 13	7 37	16 56	14 47	15 1	19 22	17 19	5 36
M16	12 25	19 37	2 47	19 48	0 1	19 35	0 25	18 50	1 2	5 55	1 29	12 3	2 16	10 52	0 43	15 13	0 13	7 36	16 56	14 47	15 0	19 22	17 19	5 36
T 17	12 4	19 44	3 36	19 42	0s 8	19 19	0 27	18 37	1 2	5 54	1 29	12 5	2 16	10 51	0 43	15 13	0 13	7 35	16 56	14 46	14 59	19 22	17 19	5 35
W18	11 43	18 59	4 15	19 35	0 17	19 3	0 30	18 25	1 3	5 52	1 29	12 6	2 16	10 50	0 43	15 14	0 13	7 35	16 56	14 44	14 58	19 22	17 19	5 35
T 19	11 22	17 20	4 44	19 26	0 26	18 46	0 32	18 12	1 3	5 51	1 30	12 8	2 16	10 48	0 43	15 14	0 13	7 34	16 55	14 41	14 57	19 23	17 20	5 35
F 20	11 0	14 52	5 0	19 16	0 35	18 29	0 35	17 59	1 3	5 50	1 30	12 10	2 15	10 47	0 43	15 15	0 13	7 34	16 55	14 38	14 56	19 23	17 20	5 34
S 21	10 39	11 38	5 1	19 5	0 43	18 11	0 37	17 46	1 4	5 48	1 30	12 11	2 15	10 46	0 43	15 16	0 13	7 33	16 55	14 34	14 55	19 23	17 20	5 34
S 22	10 17	7 47	4 47	18 53	0 51	17 53	0 39	17 33	1 4	5 47	1 30	12 13	2 15	10 45	0 43	15 16	0 13	7 32	16 54	14 30	14 54	19 23	17 21	5 34
M23	9 55	3 29	4 17	18 39	0 58	17 34	0 42	17 19	1 4	5 45	1 30	12 15	2 15	10 43	0 43	15 17	0 13	7 32	16 54	14 27	14 53	19 24	17 21	5 33
T 24	9 33	1n 3	3 32	18 24	1 5	17 15	0 44	17 6	1 4	5 43	1 31	12 16	2 14	10 42	0 43	15 17	0 13	7 31	16 54	14 24	14 52	19 24	17 21	5 33
W25	9 11	5 37	2 34	18 8	1 12	16 55	0 46	16 52	1 5	5 41	1 31	12 18	2 14	10 41	0 43	15 18	0 13	7 30	16 54	14 22	14 51	19 24	17 22	5 33
T 26	8 48	9 56	1 27	17 51	1 19	16 35	0 48	16 38	1 5	5 40	1 31	12 20	2 14	10 40	0 43	15 18	0 13	7 30	16 53	14 21	14 50	19 24	17 22	5 32
F 27	8 26	13 44	0 13	17 32	1 25	16 14	0 50	16 24	1 5	5 38	1 31	12 22	2 14	10 38	0 43	15 19	0 13	7 29	16 53	14 20	14 49	19 24	17 22	5 32
S 28	8 3	16 45	1s 1	17 12	1 31	15 53	0 52	16 9	1 6	5 36	1 32	12 24	2 13	10 37	0 43	15 19	0 13	7 29	16 53	14 20	14 48	19 25	17 23	5 32
S 29	7s40	18n47	2s13	16s50	1s36	15s31	0s54	15s55	1s 6	5s34	1n32	12n25	2s13	10s36	0s44	15n20	0n13	7s28	16s53	14s21	14s47	19s25	17n23	5s31

Julian Day Number = 2483717.5, Delta T = 87.95 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'15, Lahiri = 25°05'16

ASTRODIENST EPHEMERIS for the year 2088
geocentric

MARCH 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 39 9	11♓22'46	18♊14	19♒50	21♒42	20♒34	17°R43	9♉13	4♓22	18°R59	21♈ 2	8°R32	9♏52	10♐36	17♊59	M 1
T 2	10 43 5	12°22'59	2♋22	21°18	22°57	21°21	17♎38	9°18	4°26	18♌57	21° 3	8♏31	9°48	10°43	18° 0	T 2
W 3	10 47 2	13°23'11	16°30	22°48	24°11	22° 8	17°32	9°24	4°29	18°56	21° 5	8°27	9°45	10°50	18° 1	W 3
T 4	10 50 59	14°23'20	0♌34	24°19	25°26	22°55	17°27	9°29	4°33	18°54	21° 6	8°20	9°42	10°56	18° 1	T 4
F 5	10 54 55	15°23'27	14°32	25°51	26°40	23°42	17°22	9°35	4°36	18°53	21° 7	8°12	9°39	11° 3	18° 2	F 5
S 6	10 58 52	16°23'32	28°20	27°25	27°55	24°29	17°16	9°40	4°39	18°51	21° 8	8° 3	9°36	11°10	18° 3	S 6
S 7	11 2 48	17°23'35	11♍55	28°59	29° 9	25°16	17°10	9°46	4°43	18°50	21° 9	7°54	9°32	11°16	18° 4	S 7
M 8	11 6 45	18°23'37	25°13	0♓35	0♓24	26° 3	17° 4	9°51	4°46	18°48	21°10	7°46	9°29	11°23	18° 5	M 8
T 9	11 10 41	19°23'36	8♎12	2°11	1°38	26°50	16°58	9°57	4°50	18°47	21°12	7°41	9°26	11°30	18° 6	T 9
W10	11 14 38	20°23'34	20°53	3°49	2°53	27°37	16°52	10° 3	4°53	18°45	21°13	7°37	9°23	11°36	18° 7	W10
T 11	11 18 34	21°23'30	3♏17	5°28	4° 7	28°24	16°46	10° 9	4°56	18°44	21°14	7°D35	9°20	11°43	18° 9	T 11
F 12	11 22 31	22°23'24	15°26	7° 8	5°22	29°11	16°39	10°15	5° 0	18°43	21°15	7°36	9°17	11°50	18°10	F 12
S 13	11 26 28	23°23'17	27°24	8°49	6°36	29°58	16°33	10°21	5° 3	18°41	21°17	7°37	9°13	11°56	18°11	S 13
S 14	11 30 24	24°23'08	9♐15	10°31	7°51	0♓45	16°26	10°27	5° 6	18°40	21°18	7°38	9°10	12° 3	18°13	S 14
M15	11 34 21	25°22'57	21° 5	12°15	9° 6	1°32	16°20	10°33	5°10	18°39	21°19	7°R39	9° 7	12°10	18°14	M15
T 16	11 38 17	26°22'44	2♑58	14° 0	10°20	2°19	16°13	10°40	5°13	18°38	21°21	7°39	9° 4	12°16	18°16	T 16
W17	11 42 14	27°22'30	14°59	15°45	11°35	3° 6	16° 6	10°46	5°16	18°36	21°22	7°37	9° 1	12°23	18°18	W17
T 18	11 46 10	28°22'14	27°14	17°33	12°49	3°53	15°59	10°52	5°19	18°35	21°23	7°34	8°58	12°30	18°20	T 18
F 19	11 50 7	29°21'57	9♒46	19°21	14° 4	4°40	15°52	10°59	5°23	18°34	21°25	7°29	8°54	12°36	18°21	F 19
S 20	11 54 3	0♈21'37	22°39	21°10	15°18	5°27	15°45	11° 5	5°26	18°33	21°26	7°23	8°51	12°43	18°23	S 20
S 21	11 58 0	1°21'16	5♓52	23° 1	16°32	6°14	15°37	11°12	5°29	18°32	21°27	7°17	8°48	12°50	18°25	S 21
M22	12 1 56	2°20'53	19°26	24°53	17°47	7° 1	15°30	11°18	5°32	18°30	21°29	7°11	8°45	12°56	18°27	M22
T 23	12 5 53	3°20'27	3♈20	26°47	19° 1	7°48	15°23	11°25	5°35	18°29	21°30	7° 6	8°42	13° 3	18°30	T 23
W24	12 9 50	4°20'00	17°28	28°41	20°16	8°35	15°15	11°31	5°39	18°28	21°31	7° 3	8°38	13°10	18°32	W24
T 25	12 13 46	5°19'31	1♉46	0♈37	21°30	9°22	15° 8	11°38	5°42	18°27	21°33	7°D 2	8°35	13°16	18°34	T 25
F 26	12 17 43	6°19'00	16°10	2°34	22°45	10° 9	15° 0	11°45	5°45	18°26	21°34	7° 2	8°32	13°23	18°36	F 26
S 27	12 21 39	7°18'26	0♊35	4°32	23°59	10°56	14°53	11°52	5°48	18°25	21°35	7° 3	8°29	13°30	18°39	S 27
S 28	12 25 36	8°17'50	14°57	6°31	25°14	11°43	14°45	11°58	5°51	18°24	21°37	7° 5	8°26	13°36	18°41	S 28
M29	12 29 32	9°17'12	29°12	8°31	26°28	12°30	14°37	12° 5	5°54	18°23	21°38	7° 6	8°23	13°43	18°44	M29
T 30	12 33 29	10°16'32	13♋19	10°33	27°42	13°17	14°30	12°12	5°57	18°22	21°40	7°R 6	8°19	13°50	18°46	T 30
W31	12 37 25	11♈15'49	27♋16	12♈35	28♓57	14♓ 4	14♎22	12♉19	6♓ 0	18♌21	21♈41	7♏ 5	8♏16	13♐56	18♊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	7s18	19n39	3s16	16s28	1s41	15s 9	0s56	15s40	1s 6	5s32	1n32	12n27	2s13	10s35	0s44	15n20	0n13	7s27	16s52	14s21	14s46	19s25	17n23	5s31
T 2	6 55	19 17	4 8	16 4	1 46	14 47	0 58	15 25	1 6	5 30	1 32	12 29	2 13	10 33	0 44	15 21	0 13	7 27	16 52	14 20	14 45	19 25	17 24	5 31
W 3	6 32	17 42	4 44	15 39	1 51	14 24	1 0	15 10	1 6	5 28	1 32	12 31	2 13	10 32	0 44	15 21	0 13	7 26	16 52	14 19	14 44	19 25	17 24	5 30
T 4	6 9	15 5	5 3	15 13	1 55	14 1	1 2	14 55	1 7	5 25	1 32	12 33	2 12	10 31	0 44	15 22	0 13	7 26	16 52	14 17	14 43	19 25	17 25	5 30
F 5	5 45	11 36	5 4	14 45	1 58	13 37	1 4	14 40	1 7	5 23	1 33	12 35	2 12	10 30	0 44	15 22	0 13	7 25	16 52	14 14	14 42	19 26	17 25	5 29
S 6	5 22	7 33	4 47	14 16	2 2	13 13	1 6	14 25	1 7	5 21	1 33	12 37	2 12	10 28	0 44	15 22	0 13	7 24	16 51	14 11	14 41	19 26	17 25	5 29
S 7	4 59	3 10	4 14	13 46	2 5	12 49	1 7	14 9	1 7	5 18	1 33	12 39	2 12	10 27	0 44	15 23	0 13	7 24	16 51	14 8	14 40	19 26	17 26	5 29
M 8	4 35	1s17	3 28	13 15	2 7	12 24	1 9	13 53	1 7	5 16	1 33	12 41	2 11	10 26	0 44	15 23	0 13	7 23	16 51	14 6	14 39	19 26	17 26	5 28
T 9	4 12	5 35	2 32	12 42	2 9	11 59	1 10	13 37	1 8	5 14	1 33	12 43	2 11	10 25	0 44	15 24	0 13	7 22	16 51	14 4	14 38	19 26	17 27	5 28
W10	3 48	9 32	1 29	12 8	2 11	11 33	1 12	13 21	1 8	5 11	1 33	12 45	2 11	10 23	0 44	15 24	0 13	7 22	16 51	14 3	14 37	19 26	17 27	5 28
T 11	3 25	12 58	0 23	11 33	2 12	11 8	1 13	13 5	1 8	5 9	1 34	12 47	2 11	10 22	0 44	15 25	0 13	7 21	16 50	14 2	14 36	19 27	17 28	5 27
F 12	3 1	15 47	0n42	10 57	2 13	10 42	1 15	12 49	1 8	5 6	1 34	12 49	2 11	10 21	0 44	15 25	0 13	7 21	16 50	14 2	14 35	19 27	17 28	5 27
S 13	2 37	17 51	1 45	10 19	2 13	10 15	1 16	12 33	1 8	5 3	1 34	12 51	2 10	10 20	0 44	15 26	0 13	7 20	16 50	14 3	14 34	19 27	17 29	5 27
S 14	2 14	19 8	2 43	9 40	2 13	9 49	1 17	12 16	1 8	5 1	1 34	12 53	2 10	10 19	0 44	15 26	0 13	7 19	16 50	14 3	14 33	19 27	17 29	5 26
M15	1 50	19 34	3 34	9 0	2 13	9 22	1 18	12 0	1 9	4 58	1 34	12 55	2 10	10 17	0 44	15 26	0 13	7 19	16 50	14 3	14 32	19 27	17 29	5 26
T 16	1 26	19 8	4 16	8 19	2 12	8 55	1 19	11 43	1 9	4 55	1 34	12 57	2 10	10 16	0 44	15 27	0 13	7 18	16 50	14 3	14 31	19 27	17 30	5 26
W17	1 3	17 50	4 47	7 37	2 10	8 27	1 20	11 26	1 9	4 53	1 34	12 59	2 10	10 15	0 44	15 27	0 13	7 18	16 49	14 3	14 30	19 27	17 30	5 25
T 18	0 39	15 42	5 6	6 54	2 9	8 0	1 21	11 9	1 9	4 50	1 35	13 2	2 10	10 14	0 44	15 27	0 13	7 17	16 49	14 2	14 29	19 27	17 31	5 25
F 19	0 15	12 48	5 10	6 9	2 6	7 32	1 22	10 52	1 9	4 47	1 35	13 4	2 9	10 13	0 44	15 28	0 13	7 16	16 49	14 0	14 28	19 28	17 31	5 25
S 20	0n 9	9 14	5 0	5 23	2 3	7 4	1 23	10 35	1 9	4 44	1 35	13 6	2 9	10 12	0 44	15 28	0 13	7 16	16 49	13 58	14 27	19 28	17 32	5 25
S 21	0 32	5 7	4 33	4 36	2 0	6 36	1 24	10 18	1 9	4 41	1 35	13 8	2 9	10 10	0 44	15 29	0 13	7 15	16 49	13 56	14 25	19 28	17 32	5 24
M22	0 56	0 38	3 51	3 48	1 56	6 8	1 25	10 0	1 9	4 38	1 35	13 10	2 9	10 9	0 44	15 29	0 13	7 15	16 49	13 54	14 24	19 28	17 33	5 24
T 23	1 20	3n59	2 54	2 59	1 52	5 39	1 25	9 43	1 9	4 35	1 35	13 12	2 9	10 8	0 44	15 29	0 13	7 14	16 49	13 53	14 23	19 28	17 33	5 24
W24	1 43	8 28	1 45	2 9	1 47	5 10	1 26	9 25	1 9	4 33	1 35	13 15	2 8	10 7	0 44	15 30	0 13	7 13	16 48	13 52	14 22	19 28	17 34	5 23
T 25	2 7	12 32	0 29	1 18	1 41	4 41	1 26	9 8	1 10	4 30	1 35	13 17	2 8	10 6	0 44	15 30	0 13	7 13	16 48	13 51	14 21	19 28	17 34	5 23
F 26	2 30	15 52	0s50	0 27	1 36	4 13	1 27	8 50	1 10	4 27	1 35	13 19	2 8	10 5	0 44	15 30	0 13	7 12	16 48	13 51	14 20	19 28	17 35	5 23
S 27	2 54	18 13	2 6	0n26	1 29	3 43	1 27	8 32	1 10	4 24	1 35	13 21	2 8	10 4	0 44	15 31	0 13	7 12	16 48	13 52	14 19	19 28	17 35	5 22
S 28	3 17	19 23	3 13	1 20	1 22	3 14	1 28	8 14	1 10	4 21	1 35	13 23	2 8	10 2	0 44	15 31	0 13	7 11	16 48	13 52	14 18	19 28	17 36	5 22
M29	3 41	19 17	4 8	2 14	1 15	2 45	1 28	7 56	1 10	4 18	1 35	13 26	2 8	10 1	0 44	15 31	0 13	7 10	16 48	13 52	14 17	19 28	17 36	5 22
T 30	4 4	17 59	4 48	3 9	1 7	2 16	1 28	7 39	1 10	4 15	1 35	13 28	2 8	10 0	0 44	15 32	0 13	7 10	16 48	13 53	14 16	19 28	17 37	5 21
W31	4n27	15n38	5s10	4n 4	0s58	1s46	1s28	7s20	1s10	4s12	1n35	13n30	2s 7	9s59	0s44	15n32	0n13	7s 9	16s48	13s52	14s15	19s29	17n37	5s21

Julian Day Number = 2483746.5, Delta T = 87.98 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'19, Lahiri = 25°05'20

ASTRODIENST EPHEMERIS for the year 2088
geocentric

APRIL 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 41 22	12♈15'03	11♌ 2	14♈37	0♈11	14♓51	14°R14	12♉26	6♓ 3	18°R21	21♈42	7°R 3	8♏13	14♐ 3	18♊52	T 1
F 2	12 45 19	13°14'16	24°37	16°41	1°25	15°37	14♎ 7	12°33	6° 6	18♌20	21°44	7♏ 0	8°10	14°10	18°55	F 2
S 3	12 49 15	14°13'26	7♍58	18°44	2°40	16°24	13°59	12°40	6° 9	18°19	21°45	6°57	8° 7	14°16	18°58	S 3
S 4	12 53 12	15°12'34	21° 7	20°48	3°54	17°11	13°51	12°48	6°12	18°18	21°47	6°53	8° 3	14°23	19° 1	S 4
M 5	12 57 8	16°11'40	4♎ 1	22°52	5° 8	17°58	13°43	12°55	6°14	18°17	21°48	6°50	8° 0	14°30	19° 4	M 5
T 6	13 1 5	17°10'43	16°41	24°56	6°23	18°45	13°36	13° 2	6°17	18°17	21°49	6°48	7°57	14°36	19° 7	T 6
W 7	13 5 1	18° 9'45	29° 8	26°59	7°37	19°32	13°28	13° 9	6°20	18°16	21°51	6°47	7°54	14°43	19°10	W 7
T 8	13 8 58	19° 8'44	11♏23	29° 0	8°51	20°19	13°20	13°16	6°23	18°15	21°52	6°D47	7°51	14°50	19°13	T 8
F 9	13 12 54	20° 7'42	23°27	1♉ 1	10° 5	21° 5	13°13	13°24	6°26	18°15	21°54	6°48	7°48	14°57	19°16	F 9
S 10	13 16 51	21° 6'38	5♐23	3° 0	11°20	21°52	13° 5	13°31	6°28	18°14	21°55	6°49	7°44	15° 3	19°19	S 10
S 11	13 20 48	22° 5'32	17°14	4°57	12°34	22°39	12°57	13°38	6°31	18°14	21°56	6°50	7°41	15°10	19°23	S 11
M12	13 24 44	23° 4'25	29° 4	6°51	13°48	23°26	12°50	13°46	6°34	18°13	21°58	6°52	7°38	15°17	19°26	M12
T 13	13 28 41	24° 3'15	10♑57	8°43	15° 2	24°13	12°42	13°53	6°36	18°13	21°59	6°53	7°35	15°23	19°30	T 13
W14	13 32 37	25° 2'04	22°58	10°32	16°17	24°59	12°35	14° 1	6°39	18°12	22° 1	6°R53	7°32	15°30	19°33	W14
T 15	13 36 34	26° 0'51	5♒12	12°17	17°31	25°46	12°28	14° 8	6°41	18°12	22° 2	6°53	7°29	15°37	19°37	T 15
F 16	13 40 30	26°59'37	17°42	13°59	18°45	26°33	12°20	14°16	6°44	18°11	22° 4	6°52	7°25	15°43	19°40	F 16
S 17	13 44 27	27°58'20	0♓34	15°37	19°59	27°19	12°13	14°23	6°46	18°11	22° 5	6°51	7°22	15°50	19°44	S 17
S 18	13 48 23	28°57'02	13°49	17°10	21°13	28° 6	12° 6	14°31	6°49	18°11	22° 6	6°50	7°19	15°57	19°48	S 18
M19	13 52 20	29°55'42	27°29	18°39	22°28	28°53	11°59	14°38	6°51	18°10	22° 8	6°49	7°16	16° 3	19°52	M19
T 20	13 56 17	0♉54'21	11♈33	20° 4	23°42	29°39	11°52	14°46	6°53	18°10	22° 9	6°49	7°13	16°10	19°55	T 20
W21	14 0 13	1°52'57	25°57	21°24	24°56	0♈26	11°45	14°53	6°56	18°10	22°11	6°48	7° 9	16°17	19°59	W21
T 22	14 4 10	2°51'32	10♉38	22°39	26°10	1°12	11°38	15° 1	6°58	18° 9	22°12	6°D48	7° 6	16°23	20° 3	T 22
F 23	14 8 6	3°50'05	25°27	23°49	27°24	1°59	11°31	15° 8	7° 0	18° 9	22°13	6°48	7° 3	16°30	20° 7	F 23
S 24	14 12 3	4°48'36	10♊18	24°54	28°38	2°45	11°25	15°16	7° 3	18° 9	22°15	6°49	7° 0	16°37	20°11	S 24
S 25	14 15 59	5°47'05	25° 4	25°54	29°52	3°32	11°18	15°24	7° 5	18° 9	22°16	6°49	6°57	16°43	20°15	S 25
M26	14 19 56	6°45'31	9♋37	26°48	1♉ 6	4°18	11°12	15°31	7° 7	18° 9	22°18	6°R49	6°54	16°50	20°19	M26
T 27	14 23 52	7°43'56	23°55	27°37	2°21	5° 5	11° 5	15°39	7° 9	18° 9	22°19	6°49	6°50	16°57	20°24	T 27
W28	14 27 49	8°42'18	7♌54	28°21	3°35	5°51	10°59	15°47	7°11	18°D 9	22°20	6°D49	6°47	17° 3	20°28	W28
T 29	14 31 46	9°40'39	21°34	28°59	4°49	6°37	10°53	15°54	7°13	18° 9	22°22	6°49	6°44	17°10	20°32	T 29
F 30	14 35 42	10♉38'57	4♍55	29♉32	6♉ 3	7♈24	10♎47	16♉ 2	7♓15	18♌ 9	22♈23	6♏49	6♏41	17♐17	20♊36	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n50	12n25	5s13	5n 0	0s49	1s17	1s28	7s 2	1s10	4s 9	1n35	13n32	2s 7	9s58	0s44	15n32	0n13	7s 9	16s48	13s52	14s14	19s29	17n38	5s21
F 2	5 13	8 36	5 0	5 56	0 40	0 47	1 28	6 44	1 10	4 6	1 35	13 35	2 7	9 57	0 44	15 32	0 13	7 8	16 48	13 51	14 13	19 29	17 38	5 21
S 3	5 36	4 24	4 30	6 53	0 30	0 18	1 28	6 26	1 10	4 3	1 35	13 37	2 7	9 56	0 44	15 33	0 13	7 8	16 48	13 50	14 12	19 29	17 39	5 20
S 4	5 59	0 4	3 46	7 49	0 20	0n12	1 28	6 8	1 10	4 0	1 35	13 39	2 7	9 55	0 44	15 33	0 13	7 7	16 48	13 48	14 11	19 29	17 39	5 20
M 5	6 22	4s13	2 51	8 45	0 9	0 42	1 28	5 49	1 10	3 57	1 35	13 41	2 7	9 54	0 44	15 33	0 13	7 7	16 48	13 47	14 10	19 29	17 40	5 20
T 6	6 45	8 14	1 49	9 40	0n 2	1 11	1 28	5 31	1 10	3 54	1 35	13 44	2 7	9 53	0 44	15 33	0 13	7 6	16 48	13 47	14 9	19 29	17 40	5 19
W 7	7 7	11 49	0 42	10 35	0 13	1 41	1 27	5 13	1 10	3 51	1 35	13 46	2 6	9 52	0 44	15 33	0 13	7 5	16 48	13 46	14 8	19 29	17 41	5 19
T 8	7 30	14 50	0n25	11 30	0 24	2 10	1 27	4 54	1 10	3 48	1 35	13 48	2 6	9 51	0 44	15 34	0 13	7 5	16 47	13 46	14 7	19 29	17 41	5 19
F 9	7 52	17 9	1 31	12 23	0 35	2 40	1 27	4 36	1 10	3 45	1 35	13 51	2 6	9 50	0 44	15 34	0 13	7 4	16 47	13 47	14 6	19 29	17 42	5 19
S 10	8 14	18 42	2 32	13 14	0 47	3 10	1 26	4 17	1 10	3 42	1 35	13 53	2 6	9 49	0 44	15 34	0 13	7 4	16 47	13 47	14 5	19 29	17 42	5 18
S 11	8 36	19 24	3 26	14 5	0 58	3 39	1 25	3 59	1 9	3 39	1 35	13 55	2 6	9 48	0 44	15 34	0 13	7 3	16 47	13 47	14 4	19 29	17 43	5 18
M12	8 58	19 15	4 11	14 53	1 9	4 8	1 25	3 40	1 9	3 36	1 35	13 57	2 6	9 47	0 44	15 34	0 13	7 3	16 47	13 48	14 3	19 29	17 43	5 18
T 13	9 20	18 14	4 45	15 40	1 20	4 38	1 24	3 22	1 9	3 34	1 35	14 0	2 6	9 46	0 44	15 35	0 13	7 2	16 47	13 48	14 2	19 29	17 44	5 18
W14	9 41	16 25	5 8	16 24	1 31	5 7	1 23	3 3	1 9	3 31	1 35	14 2	2 6	9 45	0 44	15 35	0 13	7 2	16 47	13 48	14 1	19 29	17 44	5 17
T 15	10 3	13 50	5 17	17 7	1 41	5 36	1 23	2 44	1 9	3 28	1 35	14 4	2 6	9 44	0 44	15 35	0 13	7 1	16 47	13 48	14 0	19 29	17 45	5 17
F 16	10 24	10 34	5 11	17 47	1 51	6 5	1 22	2 26	1 9	3 25	1 35	14 7	2 5	9 43	0 44	15 35	0 13	7 1	16 47	13 48	13 59	19 29	17 45	5 17
S 17	10 45	6 44	4 50	18 25	2 0	6 34	1 21	2 7	1 9	3 22	1 35	14 9	2 5	9 42	0 44	15 35	0 13	7 0	16 47	13 48	13 58	19 29	17 46	5 17
S 18	11 6	2 27	4 14	19 0	2 8	7 3	1 20	1 48	1 9	3 20	1 35	14 11	2 5	9 42	0 44	15 35	0 13	7 0	16 48	13 47	13 57	19 29	17 46	5 16
M19	11 26	2n 5	3 21	19 33	2 16	7 31	1 19	1 30	1 9	3 17	1 34	14 13	2 5	9 41	0 44	15 35	0 13	6 59	16 48	13 47	13 56	19 29	17 47	5 16
T 20	11 47	6 39	2 16	20 3	2 23	8 0	1 18	1 11	1 8	3 14	1 34	14 16	2 5	9 40	0 44	15 35	0 13	6 59	16 48	13 47	13 55	19 29	17 47	5 16
W21	12 7	10 57	1 0	20 30	2 29	8 28	1 16	0 52	1 8	3 12	1 34	14 18	2 5	9 39	0 44	15 35	0 13	6 59	16 48	13 47	13 54	19 29	17 48	5 16
T 22	12 27	14 40	0s21	20 55	2 35	8 56	1 15	0 34	1 8	3 9	1 34	14 20	2 5	9 38	0 45	15 36	0 13	6 58	16 48	13 47	13 53	19 29	17 48	5 16
F 23	12 47	17 28	1 42	21 17	2 39	9 24	1 14	0 15	1 8	3 7	1 34	14 23	2 5	9 37	0 45	15 36	0 13	6 58	16 48	13 47	13 52	19 29	17 49	5 15
S 24	13 7	19 5	2 56	21 36	2 42	9 51	1 13	0n 3	1 8	3 4	1 34	14 25	2 5	9 37	0 45	15 36	0 13	6 57	16 48	13 47	13 51	19 29	17 49	5 15
S 25	13 27	19 23	3 57	21 53	2 45	10 19	1 11	0 22	1 8	3 2	1 34	14 27	2 5	9 36	0 45	15 36	0 13	6 57	16 48	13 47	13 49	19 29	17 50	5 15
M26	13 46	18 23	4 43	22 8	2 46	10 46	1 10	0 41	1 7	2 59	1 34	14 29	2 5	9 35	0 45	15 36	0 13	6 56	16 48	13 47	13 48	19 29	17 50	5 15
T 27	14 5	16 13	5 10	22 19	2 47	11 13	1 8	0 59	1 7	2 57	1 33	14 32	2 5	9 34	0 45	15 36	0 13	6 56	16 48	13 47	13 47	19 29	17 51	5 15
W28	14 24	13 10	5 18	22 29	2 46	11 39	1 7	1 18	1 7	2 55	1 33	14 34	2 5	9 34	0 45	15 36	0 13	6 56	16 48	13 47	13 46	19 29	17 51	5 14
T 29	14 42	9 27	5 7	22 35	2 44	12 6	1 5	1 36	1 7	2 53	1 33	14 36	2 4	9 33	0 45	15 36	0 13	6 55	16 48	13 47	13 45	19 29	17 52	5 14
F 30	15n 1	5n21	4s40	22n40	2n41	12n32	1s 4	1n55	1s 7	2s50	1n33	14n38	2s 4	9s32	0s45	15n36	0n13	6s55	16s48	13s47	13s44	19s29	17n52	5s14

Julian Day Number = 2483777.5, Delta T = 88.02 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'24, Lahiri = 25°05'24

ASTRODIENST EPHEMERIS for the year 2088
geocentric

MAY 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 39 39	11♉37'13	17♍58	29♉59	7♉17	8♈10	10°R41	16♉10	7♓17	18♌ 9	22♈24	6♏50	6♏38	17♐23	20♊41	S 1
S 2	14 43 35	12°35'27	0♎46	0♊20	8°31	8°56	10♎36	16°18	7°19	18° 9	22°26	6°50	6°34	17°30	20°45	S 2
M 3	14 47 32	13°33'39	13°20	0°36	9°45	9°42	10°30	16°25	7°21	18° 9	22°27	6°51	6°31	17°37	20°50	M 3
T 4	14 51 28	14°31'49	25°42	0°47	10°59	10°29	10°25	16°33	7°23	18°10	22°28	6°51	6°28	17°43	20°54	T 4
W 5	14 55 25	15°29'58	7♏53	0°R52	12°13	11°15	10°20	16°41	7°24	18°10	22°30	6°R51	6°25	17°50	20°58	W 5
T 6	14 59 21	16°28'04	19°57	0°52	13°27	12° 1	10°15	16°48	7°26	18°10	22°31	6°51	6°22	17°57	21° 3	T 6
F 7	15 3 18	17°26'09	1♐54	0°47	14°41	12°47	10°10	16°56	7°28	18°10	22°32	6°50	6°19	18° 3	21° 8	F 7
S 8	15 7 14	18°24'13	13°46	0°37	15°55	13°33	10° 5	17° 4	7°29	18°11	22°34	6°49	6°15	18°10	21°12	S 8
S 9	15 11 11	19°22'15	25°36	0°23	17° 8	14°19	10° 0	17°12	7°31	18°11	22°35	6°47	6°12	18°17	21°17	S 9
M10	15 15 8	20°20'15	7♑27	0° 4	18°22	15° 5	9°56	17°19	7°32	18°11	22°36	6°45	6° 9	18°23	21°21	M10
T 11	15 19 4	21°18'15	19°21	29♉41	19°36	15°51	9°51	17°27	7°34	18°12	22°38	6°43	6° 6	18°30	21°26	T 11
W12	15 23 1	22°16'12	1♒23	29°15	20°50	16°37	9°47	17°35	7°35	18°12	22°39	6°42	6° 3	18°37	21°31	W12
T 13	15 26 57	23°14'09	13°35	28°46	22° 4	17°22	9°43	17°42	7°37	18°13	22°40	6°41	6° 0	18°44	21°36	T 13
F 14	15 30 54	24°12'04	26° 3	28°14	23°18	18° 8	9°39	17°50	7°38	18°13	22°41	6°D40	5°56	18°50	21°40	F 14
S 15	15 34 50	25° 9'58	8♓50	27°41	24°32	18°54	9°35	17°58	7°40	18°14	22°43	6°41	5°53	18°57	21°45	S 15
S 16	15 38 47	26° 7'50	22° 0	27° 6	25°46	19°40	9°32	18° 6	7°41	18°14	22°44	6°42	5°50	19° 4	21°50	S 16
M17	15 42 43	27° 5'42	5♈36	26°31	27° 0	20°25	9°29	18°13	7°42	18°15	22°45	6°43	5°47	19°10	21°55	M17
T 18	15 46 40	28° 3'32	19°39	25°56	28°14	21°11	9°25	18°21	7°43	18°16	22°46	6°45	5°44	19°17	22° 0	T 18
W19	15 50 37	29° 1'21	4♉ 6	25°21	29°27	21°57	9°22	18°28	7°44	18°16	22°47	6°R45	5°40	19°24	22° 5	W19
T 20	15 54 33	29°59'09	18°56	24°47	0♊41	22°42	9°19	18°36	7°46	18°17	22°49	6°45	5°37	19°30	22°10	T 20
F 21	15 58 30	0♊56'55	4♊ 0	24°16	1°55	23°28	9°17	18°44	7°47	18°18	22°50	6°43	5°34	19°37	22°15	F 21
S 22	16 2 26	1°54'40	19°10	23°46	3° 9	24°13	9°14	18°51	7°48	18°19	22°51	6°41	5°31	19°44	22°20	S 22
S 23	16 6 23	2°52'24	4♋16	23°20	4°23	24°58	9°12	18°59	7°49	18°19	22°52	6°37	5°28	19°50	22°25	S 23
M24	16 10 19	3°50'06	19°10	22°56	5°37	25°44	9°10	19° 7	7°49	18°20	22°53	6°34	5°25	19°57	22°30	M24
T 25	16 14 16	4°47'47	3♌43	22°36	6°50	26°29	9° 8	19°14	7°50	18°21	22°54	6°31	5°21	20° 4	22°35	T 25
W26	16 18 13	5°45'26	17°52	22°20	8° 4	27°14	9° 6	19°22	7°51	18°22	22°55	6°28	5°18	20°10	22°40	W26
T 27	16 22 9	6°43'04	1♍35	22° 7	9°18	28° 0	9° 4	19°29	7°52	18°23	22°56	6°D27	5°15	20°17	22°45	T 27
F 28	16 26 6	7°40'40	14°54	21°59	10°32	28°45	9° 3	19°37	7°53	18°24	22°58	6°27	5°12	20°24	22°50	F 28
S 29	16 30 2	8°38'15	27°49	21°D56	11°46	29°30	9° 2	19°44	7°53	18°25	22°59	6°28	5° 9	20°30	22°55	S 29
S 30	16 33 59	9°35'48	10♎25	21°56	12°59	0♉15	9° 1	19°51	7°54	18°26	23° 0	6°30	5° 6	20°37	23° 0	S 30
M31	16 37 55	10♊33'20	22♎46	22♉ 2	14♊13	1♉ 0	9♎ 0	19♉59	7♓54	18♌27	23♈ 1	6♏31	5♏ 2	20♐44	23♊ 6	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	15n19	1n 5	3s59	22n41	2n37	12n58	1s 2	2n13	1s 6	2s48	1n33	14n41	2s 4	9s31	0s45	15n36	0n13	6s54	16s48	13s47	13s43	19s29	17n53	5s14
S 2	15 36	3s10	3 7	22 41	2 32	13 23	1 0	2 32	1 6	2 46	1 33	14 43	2 4	9 31	0 45	15 36	0 13	6 54	16 49	13 47	13 42	19 29	17 53	5 14
M 3	15 54	7 13	2 7	22 38	2 25	13 48	0 58	2 50	1 6	2 44	1 32	14 45	2 4	9 30	0 45	15 36	0 13	6 54	16 49	13 48	13 41	19 29	17 54	5 14
T 4	16 11	10 53	1 2	22 32	2 17	14 13	0 57	3 8	1 6	2 42	1 32	14 47	2 4	9 30	0 45	15 36	0 13	6 53	16 49	13 48	13 40	19 29	17 54	5 13
W 5	16 28	14 3	0n 6	22 25	2 8	14 37	0 55	3 27	1 5	2 40	1 32	14 50	2 4	9 29	0 45	15 35	0 13	6 53	16 49	13 48	13 39	19 28	17 54	5 13
T 6	16 45	16 34	1 12	22 15	1 58	15 2	0 53	3 45	1 5	2 39	1 32	14 52	2 4	9 28	0 45	15 35	0 13	6 53	16 49	13 48	13 38	19 28	17 55	5 13
F 7	17 2	18 20	2 14	22 2	1 47	15 25	0 51	4 3	1 5	2 37	1 32	14 54	2 4	9 28	0 45	15 35	0 13	6 52	16 49	13 47	13 37	19 28	17 55	5 13
S 8	17 18	19 17	3 11	21 48	1 34	15 49	0 49	4 21	1 5	2 35	1 32	14 56	2 4	9 27	0 45	15 35	0 14	6 52	16 49	13 47	13 36	19 28	17 56	5 13
S 9	17 34	19 23	3 58	21 32	1 21	16 12	0 47	4 39	1 4	2 34	1 31	14 58	2 4	9 27	0 45	15 35	0 14	6 52	16 49	13 46	13 35	19 28	17 56	5 13
M10	17 49	18 37	4 36	21 14	1 6	16 34	0 45	4 57	1 4	2 32	1 31	15 1	2 4	9 26	0 45	15 35	0 14	6 51	16 50	13 46	13 34	19 28	17 57	5 13
T 11	18 5	17 3	5 2	20 54	0 51	16 56	0 43	5 15	1 4	2 30	1 31	15 3	2 4	9 25	0 45	15 35	0 14	6 51	16 50	13 45	13 33	19 28	17 57	5 13
W12	18 20	14 43	5 15	20 33	0 35	17 18	0 41	5 33	1 3	2 29	1 31	15 5	2 4	9 25	0 45	15 35	0 14	6 51	16 50	13 45	13 32	19 28	17 57	5 12
T 13	18 34	11 43	5 14	20 10	0 18	17 39	0 39	5 51	1 3	2 28	1 30	15 7	2 4	9 24	0 45	15 35	0 14	6 50	16 50	13 44	13 31	19 28	17 58	5 12
F 14	18 49	8 9	4 58	19 47	0 1	18 0	0 37	6 9	1 3	2 26	1 30	15 9	2 4	9 24	0 45	15 34	0 14	6 50	16 50	13 44	13 30	19 28	17 58	5 12
S 15	19 3	4 7	4 28	19 22	0s16	18 20	0 34	6 26	1 2	2 25	1 30	15 11	2 4	9 24	0 45	15 34	0 14	6 50	16 50	13 44	13 29	19 28	17 59	5 12
S 16	19 16	0n14	3 43	18 57	0 34	18 40	0 32	6 44	1 2	2 24	1 30	15 13	2 4	9 23	0 45	15 34	0 14	6 50	16 51	13 45	13 28	19 27	17 59	5 12
M17	19 30	4 44	2 44	18 32	0 51	18 59	0 30	7 1	1 2	2 23	1 30	15 16	2 4	9 23	0 45	15 34	0 14	6 49	16 51	13 45	13 26	19 27	17 59	5 12
T 18	19 43	9 7	1 33	18 7	1 9	19 18	0 28	7 19	1 1	2 22	1 29	15 18	2 4	9 22	0 45	15 34	0 14	6 49	16 51	13 46	13 25	19 27	18 0	5 12
W19	19 56	13 7	0 15	17 42	1 26	19 37	0 25	7 36	1 1	2 21	1 29	15 20	2 4	9 22	0 45	15 34	0 14	6 49	16 51	13 46	13 24	19 27	18 0	5 12
T 20	20 8	16 22	1s 7	17 18	1 42	19 54	0 23	7 53	1 1	2 20	1 29	15 22	2 4	9 22	0 46	15 33	0 14	6 49	16 51	13 46	13 23	19 27	18 0	5 12
F 21	20 20	18 34	2 24	16 55	1 58	20 12	0 21	8 10	1 0	2 19	1 29	15 24	2 4	9 21	0 46	15 33	0 14	6 48	16 52	13 45	13 22	19 27	18 1	5 12
S 22	20 32	19 27	3 33	16 33	2 14	20 28	0 19	8 27	1 0	2 18	1 28	15 26	2 4	9 21	0 46	15 33	0 14	6 48	16 52	13 44	13 21	19 27	18 1	5 12
S 23	20 43	18 56	4 25	16 12	2 28	20 44	0 16	8 44	0 59	2 18	1 28	15 28	2 4	9 20	0 46	15 33	0 14	6 48	16 52	13 43	13 20	19 27	18 1	5 12
M24	20 54	17 7	4 59	15 54	2 41	21 0	0 14	9 1	0 59	2 17	1 28	15 30	2 4	9 20	0 46	15 32	0 14	6 48	16 52	13 42	13 19	19 26	18 2	5 12
T 25	21 5	14 14	5 13	15 37	2 54	21 15	0 11	9 18	0 59	2 16	1 28	15 32	2 4	9 20	0 46	15 32	0 14	6 48	16 53	13 41	13 18	19 26	18 2	5 11
W26	21 15	10 35	5 8	15 22	3 5	21 29	0 9	9 35	0 58	2 16	1 27	15 34	2 4	9 20	0 46	15 32	0 14	6 47	16 53	13 40	13 17	19 26	18 2	5 11
T 27	21 25	6 28	4 44	15 9	3 15	21 43	0 7	9 51	0 58	2 16	1 27	15 36	2 4	9 19	0 46	15 32	0 14	6 47	16 53	13 40	13 16	19 26	18 3	5 11
F 28	21 35	2 10	4 6	14 58	3 24	21 57	0 4	10 8	0 57	2 15	1 27	15 38	2 4	9 19	0 46	15 31	0 14	6 47	16 53	13 40	13 15	19 26	18 3	5 11
S 29	21 44	2s 8	3 16	14 49	3 32	22 9	0 2	10 24	0 57	2 15	1 27	15 40	2 4	9 19	0 46	15 31	0 14	6 47	16 53	13 40	13 14	19 26	18 3	5 11
S 30	21 53	6 14	2 18	14 43	3 39	22 21	0n 0	10 40	0 56	2 15	1 26	15 42	2 4	9 19	0 46	15 31	0 14	6 47	16 54	13 41	13 13	19 26	18 4	5 11
M31	22n 1	10s 0	1s15	14n39	3s44	22n32	0n 3	10n56	0s56	2s15	1n26	15n44	2s 4	9s19	0s46	15n30	0n14	6s47	16s54	13s41	13s12	19s25	18n 4	5s11

Julian Day Number = 2483807.5, Delta T = 88.05 sec
Ecliptic obliquity = 23°25'33, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'28, Lahiri = 25°05'28

ASTRODIENST EPHEMERIS for the year 2088
geocentric

JUNE 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 41 52	11♊30'50	4♏55	22♉11	15♊27	1♉45	8°R59	20♉ 6	7♓55	18♌28	23♈ 2	6°R32	4♏59	20♐51	23♊11	T 1
W 2	16 45 48	12°28'20	16°55	22°25	16°41	2°30	8♎59	20°14	7°55	18°29	23° 3	6♏32	4°56	20°57	23°16	W 2
T 3	16 49 45	13°25'48	28°50	22°44	17°54	3°14	8°58	20°21	7°56	18°30	23° 4	6°29	4°53	21° 4	23°21	T 3
F 4	16 53 41	14°23'15	10♐41	23° 7	19° 8	3°59	8°D58	20°28	7°56	18°31	23° 5	6°25	4°50	21°11	23°26	F 4
S 5	16 57 38	15°20'41	22°32	23°34	20°22	4°44	8°58	20°36	7°57	18°32	23° 6	6°20	4°46	21°17	23°32	S 5
S 6	17 1 35	16°18'07	4♑23	24° 6	21°35	5°29	8°58	20°43	7°57	18°34	23° 7	6°13	4°43	21°24	23°37	S 6
M 7	17 5 31	17°15'31	16°16	24°42	22°49	6°13	8°59	20°50	7°57	18°35	23° 7	6° 5	4°40	21°31	23°42	M 7
T 8	17 9 28	18°12'55	28°14	25°21	24° 3	6°58	8°59	20°57	7°57	18°36	23° 8	5°58	4°37	21°37	23°47	T 8
W 9	17 13 24	19°10'18	10♒20	26° 5	25°17	7°42	9° 0	21° 4	7°57	18°37	23° 9	5°51	4°34	21°44	23°53	W 9
T 10	17 17 21	20° 7'40	22°35	26°53	26°30	8°27	9° 1	21°11	7°57	18°39	23°10	5°46	4°31	21°51	23°58	T 10
F 11	17 21 17	21° 5'02	5♓ 2	27°44	27°44	9°11	9° 2	21°19	7°R57	18°40	23°11	5°43	4°27	21°57	24° 3	F 11
S 12	17 25 14	22° 2'24	17°47	28°39	28°58	9°55	9° 3	21°26	7°57	18°41	23°12	5°D42	4°24	22° 4	24° 8	S 12
S 13	17 29 11	22°59'44	0♈51	29°38	0♋11	10°40	9° 5	21°33	7°57	18°43	23°13	5°42	4°21	22°11	24°14	S 13
M14	17 33 7	23°57'05	14°19	0♊40	1°25	11°24	9° 6	21°40	7°57	18°44	23°13	5°43	4°18	22°17	24°19	M14
T 15	17 37 4	24°54'25	28°13	1°46	2°39	12° 8	9° 8	21°46	7°57	18°46	23°14	5°44	4°15	22°24	24°24	T 15
W16	17 41 0	25°51'44	12♉33	2°56	3°52	12°52	9°10	21°53	7°57	18°47	23°15	5°R44	4°12	22°31	24°30	W16
T 17	17 44 57	26°49'04	27°17	4° 8	5° 6	13°36	9°12	22° 0	7°57	18°49	23°16	5°42	4° 8	22°38	24°35	T 17
F 18	17 48 53	27°46'23	12♊21	5°24	6°20	14°20	9°15	22° 7	7°56	18°50	23°16	5°38	4° 5	22°44	24°40	F 18
S 19	17 52 50	28°43'41	27°35	6°44	7°33	15° 4	9°17	22°14	7°56	18°52	23°17	5°32	4° 2	22°51	24°45	S 19
S 20	17 56 46	29°40'59	12♋50	8° 6	8°47	15°48	9°20	22°20	7°56	18°53	23°18	5°25	3°59	22°58	24°51	S 20
M21	18 0 43	0♋38'16	27°55	9°32	10° 1	16°32	9°23	22°27	7°55	18°55	23°18	5°17	3°56	23° 4	24°56	M21
T 22	18 4 40	1°35'33	12♌41	11° 1	11°14	17°16	9°26	22°34	7°55	18°57	23°19	5° 9	3°52	23°11	25° 1	T 22
W23	18 8 36	2°32'49	27° 0	12°33	12°28	17°59	9°29	22°40	7°54	18°58	23°20	5° 3	3°49	23°18	25° 7	W23
T 24	18 12 33	3°30'05	10♍51	14° 8	13°42	18°43	9°32	22°47	7°54	19° 0	23°20	4°58	3°46	23°24	25°12	T 24
F 25	18 16 29	4°27'19	24°12	15°47	14°55	19°26	9°36	22°53	7°53	19° 2	23°21	4°56	3°43	23°31	25°17	F 25
S 26	18 20 26	5°24'33	7♎ 8	17°28	16° 9	20°10	9°39	23° 0	7°52	19° 3	23°22	4°D55	3°40	23°38	25°22	S 26
S 27	18 24 22	6°21'47	19°41	19°13	17°23	20°53	9°43	23° 6	7°52	19° 5	23°22	4°56	3°37	23°44	25°28	S 27
M28	18 28 19	7°19'00	1♏56	21° 0	18°36	21°36	9°47	23°12	7°51	19° 7	23°23	4°R57	3°33	23°51	25°33	M28
T 29	18 32 15	8°16'12	13°59	22°50	19°50	22°20	9°51	23°19	7°50	19° 8	23°23	4°56	3°30	23°58	25°38	T 29
W30	18 36 12	9♋13'24	25♏54	24♊43	21♋ 4	23♉ 3	9♎56	23♉25	7♓49	19♌10	23♈24	4♏54	3♏27	24♐ 4	25♊43	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 9	13s17	0s 9	14n37	3s49	22n43	0n 5	11n12	0s55	2s15	1n26	15n46	2s 4	9s18	0s46	15n30	0n14	6s47	16s54	13s41	13s11	19s25	18n 4	5s11
W 2	22 17	15 59	0n56	14 38	3 52	22 53	0 8	11 28	0 55	2 15	1 26	15 48	2 4	9 18	0 46	15 30	0 14	6 46	16 54	13 41	13 10	19 25	18 4	5 11
T 3	22 24	17 57	1 59	14 40	3 54	23 2	0 10	11 44	0 55	2 15	1 25	15 50	2 4	9 18	0 46	15 29	0 14	6 46	16 55	13 41	13 8	19 25	18 5	5 11
F 4	22 31	19 9	2 55	14 44	3 55	23 11	0 12	12 0	0 54	2 15	1 25	15 52	2 4	9 18	0 46	15 29	0 14	6 46	16 55	13 39	13 7	19 25	18 5	5 11
S 5	22 37	19 29	3 44	14 51	3 56	23 19	0 15	12 15	0 54	2 15	1 25	15 53	2 4	9 18	0 46	15 29	0 14	6 46	16 55	13 37	13 6	19 25	18 5	5 11
S 6	22 43	18 58	4 23	14 59	3 55	23 27	0 17	12 30	0 53	2 15	1 25	15 55	2 4	9 18	0 46	15 28	0 14	6 46	16 56	13 35	13 5	19 24	18 5	5 11
M 7	22 49	17 37	4 51	15 9	3 53	23 33	0 19	12 46	0 53	2 16	1 24	15 57	2 4	9 18	0 46	15 28	0 14	6 46	16 56	13 33	13 4	19 24	18 5	5 11
T 8	22 54	15 30	5 6	15 21	3 51	23 39	0 22	13 1	0 52	2 16	1 24	15 59	2 4	9 18	0 46	15 27	0 14	6 46	16 56	13 30	13 3	19 24	18 6	5 11
W 9	22 59	12 42	5 8	15 34	3 48	23 45	0 24	13 16	0 52	2 17	1 24	16 1	2 5	9 18	0 46	15 27	0 14	6 46	16 56	13 28	13 2	19 24	18 6	5 11
T 10	23 4	9 19	4 56	15 49	3 44	23 49	0 26	13 30	0 51	2 17	1 24	16 3	2 5	9 18	0 46	15 27	0 14	6 46	16 57	13 26	13 1	19 24	18 6	5 12
F 11	23 8	5 28	4 30	16 5	3 39	23 53	0 29	13 45	0 50	2 18	1 23	16 4	2 5	9 18	0 46	15 26	0 14	6 46	16 57	13 25	13 0	19 23	18 6	5 12
S 12	23 11	1 18	3 50	16 23	3 33	23 56	0 31	14 0	0 50	2 19	1 23	16 6	2 5	9 18	0 46	15 26	0 14	6 46	16 57	13 25	12 59	19 23	18 6	5 12
S 13	23 14	3n 3	2 57	16 41	3 27	23 59	0 33	14 14	0 49	2 20	1 23	16 8	2 5	9 18	0 46	15 25	0 14	6 46	16 58	13 25	12 58	19 23	18 7	5 12
M14	23 17	7 23	1 53	17 1	3 20	24 1	0 36	14 28	0 49	2 21	1 23	16 9	2 5	9 18	0 46	15 25	0 14	6 46	16 58	13 25	12 57	19 23	18 7	5 12
T 15	23 20	11 28	0 40	17 21	3 13	24 2	0 38	14 42	0 48	2 21	1 22	16 11	2 5	9 18	0 47	15 25	0 14	6 46	16 58	13 25	12 56	19 23	18 7	5 12
W16	23 22	15 1	0s37	17 43	3 5	24 2	0 40	14 56	0 48	2 22	1 22	16 13	2 5	9 18	0 47	15 24	0 14	6 46	16 58	13 25	12 55	19 22	18 7	5 12
T 17	23 23	17 42	1 53	18 5	2 56	24 2	0 42	15 10	0 47	2 24	1 22	16 15	2 5	9 18	0 47	15 24	0 14	6 46	16 59	13 25	12 54	19 22	18 7	5 12
F 18	23 24	19 13	3 4	18 27	2 47	24 1	0 44	15 23	0 47	2 25	1 22	16 16	2 5	9 19	0 47	15 23	0 14	6 46	16 59	13 24	12 52	19 22	18 7	5 12
S 19	23 25	19 22	4 2	18 50	2 37	23 59	0 46	15 37	0 46	2 26	1 21	16 18	2 5	9 19	0 47	15 23	0 14	6 46	16 59	13 22	12 51	19 22	18 7	5 12
S 20	23 25	18 7	4 43	19 13	2 27	23 56	0 48	15 50	0 45	2 27	1 21	16 19	2 5	9 19	0 47	15 22	0 14	6 46	17 0	13 19	12 50	19 21	18 7	5 12
M21	23 25	15 36	5 3	19 37	2 17	23 53	0 50	16 3	0 45	2 29	1 21	16 21	2 5	9 19	0 47	15 22	0 14	6 46	17 0	13 16	12 49	19 21	18 8	5 12
T 22	23 25	12 8	5 3	20 0	2 6	23 49	0 52	16 16	0 44	2 30	1 20	16 23	2 6	9 19	0 47	15 21	0 14	6 46	17 0	13 14	12 48	19 21	18 8	5 13
W23	23 24	8 3	4 44	20 23	1 55	23 45	0 54	16 29	0 44	2 31	1 20	16 24	2 6	9 20	0 47	15 21	0 14	6 46	17 1	13 12	12 47	19 21	18 8	5 13
T 24	23 23	3 40	4 8	20 46	1 44	23 39	0 56	16 42	0 43	2 33	1 20	16 26	2 6	9 20	0 47	15 20	0 14	6 46	17 1	13 10	12 46	19 20	18 8	5 13
F 25	23 21	0s46	3 20	21 8	1 32	23 33	0 58	16 54	0 42	2 35	1 20	16 27	2 6	9 20	0 47	15 20	0 14	6 46	17 1	13 10	12 45	19 20	18 8	5 13
S 26	23 19	5 1	2 23	21 30	1 20	23 27	1 0	17 6	0 42	2 36	1 19	16 29	2 6	9 20	0 47	15 19	0 14	6 47	17 2	13 9	12 44	19 20	18 8	5 13
S 27	23 16	8 56	1 21	21 51	1 8	23 19	1 2	17 18	0 41	2 38	1 19	16 30	2 6	9 21	0 47	15 19	0 14	6 47	17 2	13 10	12 43	19 20	18 8	5 13
M28	23 13	12 24	0 16	22 11	0 57	23 11	1 4	17 30	0 40	2 40	1 19	16 32	2 6	9 21	0 47	15 18	0 14	6 47	17 2	13 10	12 42	19 19	18 8	5 13
T 29	23 10	15 16	0n48	22 29	0 45	23 2	1 5	17 42	0 40	2 42	1 19	16 33	2 6	9 21	0 47	15 18	0 14	6 47	17 3	13 10	12 41	19 19	18 8	5 13
W30	23n 6	17s27	1n49	22n47	0s33	22n53	1n 7	17n54	0s39	2s44	1n18	16n35	2s 6	9s22	0s47	15n17	0n14	6s47	17s 3	13s 9	12s40	19s19	18n 8	5s14

Julian Day Number = 2483838.5, Delta T = 88.09 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'32, Lahiri = 25°05'33

ASTRODIENST EPHEMERIS for the year 2088
geocentric

JULY 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 40 9	10♋10'36	7♐44	26♊39	22♋17	23♉46	10♎ 0	23♉31	7°R48	19♑12	23♈24	4°R50	3♏24	24♐11	25♊48	T 1
F 2	18 44 5	11° 7'48	19°33	28°37	23°31	24°29	10° 5	23°37	7♓47	19°14	23°25	4♏42	3°21	24°18	25°54	F 2
S 3	18 48 2	12° 4'59	1♉24	0♋37	24°44	25°12	10° 9	23°43	7°46	19°16	23°25	4°33	3°18	24°25	25°59	S 3
S 4	18 51 58	13° 2'10	13°19	2°40	25°58	25°55	10°14	23°49	7°45	19°18	23°25	4°21	3°14	24°31	26° 4	S 4
M 5	18 55 55	13°59'21	25°19	4°44	27°11	26°38	10°19	23°55	7°44	19°19	23°26	4° 9	3°11	24°38	26° 9	M 5
T 6	18 59 51	14°56'32	7♒25	6°50	28°25	27°21	10°25	24° 1	7°43	19°21	23°26	3°57	3° 8	24°45	26°14	T 6
W 7	19 3 48	15°53'44	19°39	8°58	29°39	28° 3	10°30	24° 6	7°42	19°23	23°26	3°46	3° 5	24°51	26°19	W 7
T 8	19 7 44	16°50'55	2♓ 2	11° 6	0♌52	28°46	10°36	24°12	7°41	19°25	23°27	3°37	3° 2	24°58	26°24	T 8
F 9	19 11 41	17°48'07	14°36	13°15	2° 6	29°28	10°41	24°18	7°39	19°27	23°27	3°30	2°58	25° 5	26°29	F 9
S 10	19 15 38	18°45'19	27°24	15°25	3°19	0♊11	10°47	24°23	7°38	19°29	23°27	3°26	2°55	25°11	26°34	S 10
S 11	19 19 34	19°42'31	10♈28	17°35	4°33	0°53	10°53	24°29	7°37	19°31	23°28	3°24	2°52	25°18	26°39	S 11
M12	19 23 31	20°39'44	23°52	19°44	5°46	1°36	10°59	24°34	7°35	19°33	23°28	3°D24	2°49	25°25	26°44	M12
T 13	19 27 27	21°36'57	7♉37	21°54	7° 0	2°18	11° 5	24°40	7°34	19°35	23°28	3°R24	2°46	25°32	26°49	T 13
W14	19 31 24	22°34'11	21°45	24° 2	8°13	3° 0	11°12	24°45	7°33	19°37	23°28	3°23	2°43	25°38	26°54	W14
T 15	19 35 20	23°31'26	6♊16	26°10	9°27	3°42	11°18	24°50	7°31	19°39	23°28	3°20	2°39	25°45	26°59	T 15
F 16	19 39 17	24°28'41	21° 6	28°17	10°41	4°24	11°25	24°55	7°30	19°41	23°29	3°15	2°36	25°52	27° 4	F 16
S 17	19 43 13	25°25'57	6♋ 9	0♌23	11°54	5° 6	11°32	25° 1	7°28	19°43	23°29	3° 7	2°33	25°58	27° 9	S 17
S 18	19 47 10	26°23'13	21°17	2°27	13° 8	5°48	11°39	25° 6	7°26	19°45	23°29	2°57	2°30	26° 5	27°14	S 18
M19	19 51 7	27°20'30	6♌19	4°30	14°21	6°30	11°46	25°10	7°25	19°47	23°29	2°46	2°27	26°12	27°19	M19
T 20	19 55 3	28°17'47	21° 5	6°31	15°35	7°12	11°53	25°15	7°23	19°49	23°29	2°35	2°24	26°18	27°24	T 20
W21	19 59 0	29°15'04	5♍28	8°31	16°48	7°53	12° 0	25°20	7°21	19°51	23°29	2°26	2°20	26°25	27°28	W21
T 22	20 2 56	0♌12'21	19°23	10°30	18° 2	8°35	12° 8	25°25	7°20	19°54	23°29	2°20	2°17	26°32	27°33	T 22
F 23	20 6 53	1° 9'39	2♎49	12°26	19°15	9°17	12°15	25°29	7°18	19°56	23°R29	2°15	2°14	26°38	27°38	F 23
S 24	20 10 49	2° 6'57	15°47	14°21	20°29	9°58	12°23	25°34	7°16	19°58	23°29	2°13	2°11	26°45	27°42	S 24
S 25	20 14 46	3° 4'16	28°22	16°14	21°42	10°39	12°31	25°38	7°14	20° 0	23°29	2°13	2° 8	26°52	27°47	S 25
M26	20 18 42	4° 1'35	10♏37	18° 6	22°56	11°20	12°39	25°43	7°12	20° 2	23°29	2°13	2° 4	26°59	27°52	M26
T 27	20 22 39	4°58'54	22°39	19°55	24° 9	12° 2	12°47	25°47	7°11	20° 4	23°29	2°12	2° 1	27° 5	27°56	T 27
W28	20 26 36	5°56'14	4♐33	21°43	25°22	12°43	12°55	25°51	7° 9	20° 6	23°29	2°10	1°58	27°12	28° 1	W28
T 29	20 30 32	6°53'34	16°23	23°29	26°36	13°24	13° 3	25°56	7° 7	20° 9	23°29	2° 5	1°55	27°19	28° 5	T 29
F 30	20 34 29	7°50'55	28°13	25°14	27°49	14° 5	13°12	26° 0	7° 5	20°11	23°29	1°57	1°52	27°25	28°10	F 30
S 31	20 38 25	8♌48'16	10♑ 7	26♌57	29♌ 3	14♊45	13♎20	26♉ 4	7♓ 3	20♌13	23♈28	1♏47	1♏49	27♐32	28♊14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 2	18s52	2n45	23n 2	0s21	22n43	1n 9	18n 5	0s38	2s46	1n18	16n36	2s 6	9s22	0s47	15n16	0n14	6s47	17s 3	13s 7	12s38	19s19	18n 8	5s14
F 2	22 58	19 27	3 34	23 16	0 9	22 32	1 10	18 16	0 38	2 48	1 18	16 37	2 7	9 22	0 47	15 16	0 14	6 47	17 4	13 5	12 37	19 18	18 8	5 14
S 3	22 53	19 12	4 13	23 28	0n 2	22 21	1 12	18 27	0 37	2 50	1 18	16 39	2 7	9 23	0 47	15 15	0 14	6 48	17 4	13 2	12 36	19 18	18 8	5 14
S 4	22 47	18 5	4 42	23 37	0 13	22 9	1 13	18 38	0 36	2 52	1 18	16 40	2 7	9 23	0 47	15 15	0 14	6 48	17 4	12 58	12 35	19 18	18 8	5 14
M 5	22 41	16 10	4 58	23 44	0 24	21 56	1 15	18 49	0 36	2 54	1 17	16 41	2 7	9 24	0 47	15 14	0 14	6 48	17 5	12 54	12 34	19 18	18 8	5 14
T 6	22 35	13 33	5 1	23 49	0 34	21 43	1 16	18 59	0 35	2 56	1 17	16 43	2 7	9 24	0 47	15 14	0 14	6 48	17 5	12 50	12 33	19 17	18 8	5 15
W 7	22 29	10 19	4 50	23 51	0 44	21 29	1 18	19 10	0 34	2 59	1 17	16 44	2 7	9 25	0 47	15 13	0 14	6 48	17 5	12 46	12 32	19 17	18 8	5 15
T 8	22 22	6 36	4 26	23 51	0 53	21 14	1 19	19 20	0 34	3 1	1 17	16 45	2 7	9 25	0 47	15 12	0 14	6 49	17 6	12 43	12 31	19 17	18 8	5 15
F 9	22 15	2 33	3 48	23 48	1 2	20 59	1 20	19 30	0 33	3 3	1 16	16 46	2 7	9 26	0 47	15 12	0 14	6 49	17 6	12 41	12 30	19 16	18 8	5 15
S 10	22 7	1n42	2 58	23 42	1 10	20 43	1 21	19 39	0 32	3 6	1 16	16 48	2 8	9 26	0 47	15 11	0 14	6 49	17 6	12 39	12 29	19 16	18 7	5 16
S 11	21 59	5 58	1 58	23 33	1 17	20 27	1 22	19 49	0 31	3 8	1 16	16 49	2 8	9 27	0 47	15 11	0 14	6 49	17 7	12 39	12 28	19 16	18 7	5 16
M12	21 50	10 2	0 50	23 21	1 24	20 10	1 23	19 58	0 31	3 11	1 16	16 50	2 8	9 27	0 48	15 10	0 14	6 49	17 7	12 39	12 27	19 15	18 7	5 16
T 13	21 41	13 41	0s22	23 7	1 29	19 52	1 24	20 7	0 30	3 14	1 15	16 51	2 8	9 28	0 48	15 9	0 14	6 50	17 8	12 39	12 25	19 15	18 7	5 16
W14	21 32	16 39	1 36	22 50	1 34	19 34	1 25	20 16	0 29	3 16	1 15	16 52	2 8	9 28	0 48	15 9	0 14	6 50	17 8	12 38	12 24	19 15	18 7	5 16
T 15	21 23	18 38	2 44	22 31	1 39	19 16	1 26	20 25	0 28	3 19	1 15	16 53	2 8	9 29	0 48	15 8	0 14	6 50	17 8	12 37	12 23	19 14	18 7	5 17
F 16	21 13	19 24	3 44	22 10	1 42	18 57	1 27	20 33	0 28	3 22	1 15	16 55	2 8	9 29	0 48	15 7	0 14	6 51	17 9	12 35	12 22	19 14	18 7	5 17
S 17	21 2	18 49	4 28	21 46	1 45	18 37	1 28	20 42	0 27	3 25	1 15	16 56	2 9	9 30	0 48	15 7	0 14	6 51	17 9	12 33	12 21	19 14	18 7	5 17
S 18	20 52	16 53	4 55	21 20	1 47	18 17	1 28	20 50	0 26	3 28	1 14	16 57	2 9	9 31	0 48	15 6	0 14	6 51	17 9	12 29	12 20	19 13	18 6	5 17
M19	20 41	13 50	5 0	20 52	1 48	17 56	1 29	20 58	0 25	3 31	1 14	16 58	2 9	9 31	0 48	15 5	0 14	6 51	17 10	12 25	12 19	19 13	18 6	5 18
T 20	20 29	9 57	4 45	20 23	1 48	17 35	1 30	21 6	0 25	3 34	1 14	16 59	2 9	9 32	0 48	15 5	0 14	6 52	17 10	12 22	12 18	19 13	18 6	5 18
W21	20 18	5 35	4 13	19 52	1 48	17 13	1 30	21 13	0 24	3 37	1 14	17 0	2 9	9 33	0 48	15 4	0 14	6 52	17 10	12 19	12 17	19 12	18 6	5 18
T 22	20 6	1 3	3 26	19 19	1 47	16 51	1 30	21 21	0 23	3 40	1 13	17 1	2 9	9 33	0 48	15 4	0 14	6 52	17 11	12 16	12 16	19 12	18 6	5 19
F 23	19 53	3s24	2 29	18 45	1 46	16 29	1 31	21 28	0 22	3 43	1 13	17 2	2 10	9 34	0 48	15 3	0 14	6 53	17 11	12 15	12 15	19 12	18 5	5 19
S 24	19 41	7 32	1 26	18 10	1 44	16 6	1 31	21 35	0 21	3 46	1 13	17 2	2 10	9 35	0 48	15 2	0 14	6 53	17 11	12 14	12 13	19 11	18 5	5 19
S 25	19 28	11 12	0 20	17 34	1 41	15 42	1 31	21 41	0 21	3 49	1 13	17 3	2 10	9 35	0 48	15 2	0 14	6 53	17 12	12 14	12 12	19 11	18 5	5 19
M26	19 14	14 18	0n44	16 57	1 38	15 18	1 31	21 48	0 20	3 53	1 13	17 4	2 10	9 36	0 48	15 1	0 14	6 54	17 12	12 14	12 11	19 11	18 5	5 20
T 27	19 1	16 43	1 46	16 20	1 34	14 54	1 32	21 54	0 19	3 56	1 12	17 5	2 10	9 37	0 48	15 0	0 14	6 54	17 13	12 14	12 10	19 10	18 5	5 20
W28	18 47	18 23	2 42	15 41	1 30	14 30	1 32	22 0	0 18	3 59	1 12	17 6	2 10	9 38	0 48	15 0	0 14	6 54	17 13	12 13	12 9	19 10	18 4	5 20
T 29	18 32	19 14	3 31	15 2	1 26	14 5	1 31	22 6	0 17	4 3	1 12	17 7	2 11	9 38	0 48	14 59	0 14	6 55	17 13	12 11	12 8	19 10	18 4	5 21
F 30	18 18	19 14	4 11	14 22	1 20	13 39	1 31	22 12	0 17	4 6	1 12	17 7	2 11	9 39	0 48	14 58	0 14	6 55	17 14	12 9	12 7	19 9	18 4	5 21
S 31	18n 3	18s24	4n39	13n42	1n15	13n13	1n31	22n18	0s16	4s10	1n12	17n 8	2s11	9s40	0s48	14n57	0n14	6s56	17s14	12s 5	12s 6	19s 9	18n 4	5s21

Julian Day Number = 2483868.5, Delta T = 88.12 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'36, Lahiri = 25°05'37

ASTRODIENST EPHEMERIS for the year 2088
geocentric

AUGUST 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 42 22	9♌45'38	22♉ 8	28♌38	0♍16	15♊26	13♎29	26♉ 7	7°R 1	20♌15	23°R28	1°R35	1♏45	27♐39	28♊19	S 1
M 2	20 46 18	10°43'01	4♒16	0♍17	1°29	16° 7	13°37	26°11	6♓59	20°17	23♈28	1♏22	1°42	27°45	28°23	M 2
T 3	20 50 15	11°40'24	16°34	1°55	2°43	16°47	13°46	26°15	6°57	20°20	23°28	1° 9	1°39	27°52	28°27	T 3
W 4	20 54 11	12°37'49	29° 2	3°31	3°56	17°28	13°55	26°19	6°54	20°22	23°28	0°57	1°36	27°59	28°32	W 4
T 5	20 58 8	13°35'14	11♓39	5° 5	5° 9	18° 8	14° 4	26°22	6°52	20°24	23°27	0°47	1°33	28° 6	28°36	T 5
F 6	21 2 5	14°32'41	24°28	6°38	6°23	18°48	14°13	26°26	6°50	20°26	23°27	0°40	1°29	28°12	28°40	F 6
S 7	21 6 1	15°30'08	7♈28	8° 9	7°36	19°29	14°23	26°29	6°48	20°28	23°27	0°35	1°26	28°19	28°44	S 7
S 8	21 9 58	16°27'37	20°41	9°38	8°49	20° 9	14°32	26°32	6°46	20°31	23°26	0°34	1°23	28°26	28°48	S 8
M 9	21 13 54	17°25'07	4♉ 8	11° 6	10° 3	20°49	14°41	26°35	6°44	20°33	23°26	0°D33	1°20	28°32	28°52	M 9
T 10	21 17 51	18°22'39	17°51	12°32	11°16	21°29	14°51	26°38	6°41	20°35	23°26	0°R33	1°17	28°39	28°56	T 10
W11	21 21 47	19°20'12	1♊51	13°56	12°29	22° 9	15° 1	26°41	6°39	20°37	23°25	0°33	1°14	28°46	29° 0	W11
T 12	21 25 44	20°17'47	16° 8	15°18	13°42	22°48	15°10	26°44	6°37	20°40	23°25	0°31	1°10	28°52	29° 4	T 12
F 13	21 29 40	21°15'23	0♋40	16°39	14°56	23°28	15°20	26°47	6°35	20°42	23°24	0°26	1° 7	28°59	29° 8	F 13
S 14	21 33 37	22°13'00	15°23	17°57	16° 9	24° 8	15°30	26°50	6°32	20°44	23°24	0°19	1° 4	29° 6	29°12	S 14
S 15	21 37 34	23°10'39	0♌10	19°14	17°22	24°47	15°40	26°52	6°30	20°46	23°23	0°10	1° 1	29°13	29°15	S 15
M16	21 41 30	24° 8'19	14°54	20°29	18°35	25°27	15°50	26°55	6°28	20°48	23°23	29♎59	0°58	29°19	29°19	M16
T 17	21 45 27	25° 6'00	29°26	21°42	19°49	26° 6	16° 0	26°57	6°25	20°51	23°22	29°50	0°55	29°26	29°23	T 17
W18	21 49 23	26° 3'43	13♍40	22°52	21° 2	26°45	16°11	26°59	6°23	20°53	23°22	29°42	0°51	29°33	29°26	W18
T 19	21 53 20	27° 1'27	27°30	24° 1	22°15	27°24	16°21	27° 1	6°21	20°55	23°21	29°36	0°48	29°39	29°30	T 19
F 20	21 57 16	27°59'12	10♎55	25° 7	23°28	28° 3	16°32	27° 4	6°18	20°57	23°21	29°32	0°45	29°46	29°33	F 20
S 21	22 1 13	28°56'58	23°54	26°11	24°41	28°42	16°42	27° 5	6°16	20°59	23°20	29°D30	0°42	29°53	29°37	S 21
S 22	22 5 9	29°54'45	6♏31	27°13	25°54	29°21	16°53	27° 7	6°14	21° 2	23°20	29°30	0°39	29°59	29°40	S 22
M23	22 9 6	0♍52'34	18°49	28°12	27° 7	29°59	17° 3	27° 9	6°11	21° 4	23°19	29°31	0°35	0♑ 6	29°44	M23
T 24	22 13 3	1°50'23	0♐52	29° 8	28°20	0♋38	17°14	27°11	6° 9	21° 6	23°18	29°R32	0°32	0°13	29°47	T 24
W25	22 16 59	2°48'14	12°47	0♎ 1	29°34	1°16	17°25	27°12	6° 7	21° 8	23°18	29°31	0°29	0°20	29°50	W25
T 26	22 20 56	3°46'06	24°38	0°51	0♎47	1°55	17°36	27°14	6° 4	21°10	23°17	29°29	0°26	0°26	29°53	T 26
F 27	22 24 52	4°44'00	6♑31	1°38	2° 0	2°33	17°47	27°15	6° 2	21°13	23°16	29°24	0°23	0°33	29°56	F 27
S 28	22 28 49	5°41'54	18°28	2°22	3°13	3°11	17°58	27°16	5°59	21°15	23°16	29°17	0°20	0°40	29°59	S 28
S 29	22 32 45	6°39'50	0♒35	3° 1	4°26	3°49	18° 9	27°18	5°57	21°17	23°15	29° 9	0°16	0°46	0♋ 2	S 29
M30	22 36 42	7°37'48	12°52	3°37	5°38	4°27	18°20	27°19	5°55	21°19	23°14	29° 0	0°13	0°53	0° 5	M30
T 31	22 40 38	8♍35'46	25♒22	4♎ 9	6♎51	5♋ 5	18♎32	27♉19	5♓52	21♌21	23♈13	28♎51	0♏10	1♑ 0	0♋ 8	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	17n48	16s44	4n56	13n 1	1n 9	12n47	1n31	22n23	0s15	4s13	1n11	17n 9	2s11	9s41	0s48	14n57	0n14	6s56	17s14	12s 1	12s 5	19s 8	18n 3	5s22
M 2	17 32	14 19	5 0	12 20	1 3	12 21	1 31	22 28	0 14	4 17	1 11	17 10	2 11	9 41	0 48	14 56	0 14	6 56	17 15	11 56	12 4	19 8	18 3	5 22
T 3	17 16	11 15	4 50	11 39	0 56	11 54	1 30	22 33	0 13	4 20	1 11	17 10	2 11	9 42	0 48	14 55	0 14	6 57	17 15	11 52	12 2	19 8	18 3	5 22
W 4	17 0	7 39	4 26	10 58	0 49	11 27	1 30	22 38	0 12	4 24	1 11	17 11	2 12	9 43	0 48	14 55	0 14	6 57	17 15	11 48	12 1	19 7	18 2	5 23
T 5	16 44	3 40	3 48	10 17	0 41	11 0	1 29	22 42	0 11	4 28	1 11	17 12	2 12	9 44	0 48	14 54	0 14	6 58	17 16	11 44	12 0	19 7	18 2	5 23
F 6	16 28	0n32	2 59	9 36	0 34	10 32	1 28	22 47	0 11	4 31	1 11	17 12	2 12	9 45	0 48	14 53	0 14	6 58	17 16	11 42	11 59	19 7	18 2	5 23
S 7	16 11	4 47	1 59	8 54	0 26	10 4	1 28	22 51	0 10	4 35	1 10	17 13	2 12	9 45	0 48	14 53	0 14	6 58	17 16	11 40	11 58	19 6	18 1	5 24
S 8	15 54	8 53	0 52	8 13	0 18	9 36	1 27	22 55	0 9	4 39	1 10	17 13	2 12	9 46	0 48	14 52	0 14	6 59	17 17	11 40	11 57	19 6	18 1	5 24
M 9	15 36	12 36	0s19	7 32	0 9	9 8	1 26	22 59	0 8	4 43	1 10	17 14	2 13	9 47	0 48	14 51	0 14	6 59	17 17	11 40	11 56	19 5	18 1	5 24
T 10	15 19	15 42	1 31	6 52	0 0	8 39	1 25	23 2	0 7	4 46	1 10	17 14	2 13	9 48	0 48	14 51	0 14	7 0	17 17	11 40	11 55	19 5	18 0	5 25
W11	15 1	17 56	2 38	6 11	0s 9	8 10	1 24	23 5	0 6	4 50	1 10	17 15	2 13	9 49	0 48	14 50	0 14	7 0	17 18	11 39	11 54	19 5	18 0	5 25
T 12	14 43	19 6	3 37	5 31	0 18	7 41	1 23	23 9	0 5	4 54	1 9	17 15	2 13	9 50	0 48	14 49	0 14	7 1	17 18	11 39	11 53	19 4	18 0	5 26
F 13	14 24	19 2	4 23	4 51	0 27	7 12	1 22	23 12	0 4	4 58	1 9	17 16	2 13	9 50	0 48	14 49	0 14	7 1	17 18	11 37	11 51	19 4	17 59	5 26
S 14	14 6	17 42	4 53	4 12	0 36	6 42	1 21	23 14	0 3	5 2	1 9	17 16	2 14	9 51	0 48	14 48	0 14	7 1	17 19	11 35	11 50	19 3	17 59	5 26
S 15	13 47	15 10	5 3	3 33	0 46	6 12	1 20	23 17	0 3	5 6	1 9	17 17	2 14	9 52	0 48	14 47	0 14	7 2	17 19	11 31	11 49	19 3	17 59	5 27
M16	13 28	11 41	4 53	2 55	0 56	5 43	1 18	23 19	0 2	5 10	1 9	17 17	2 14	9 53	0 48	14 46	0 14	7 2	17 19	11 28	11 48	19 2	17 58	5 27
T 17	13 9	7 32	4 24	2 17	1 6	5 13	1 17	23 21	0 1	5 14	1 9	17 17	2 14	9 54	0 48	14 46	0 14	7 3	17 20	11 24	11 47	19 2	17 58	5 28
W18	12 49	3 3	3 39	1 40	1 15	4 42	1 15	23 23	0n 0	5 18	1 9	17 18	2 14	9 55	0 48	14 45	0 14	7 3	17 20	11 22	11 46	19 2	17 57	5 28
T 19	12 30	1s29	2 42	1 4	1 25	4 12	1 14	23 25	0 1	5 22	1 8	17 18	2 15	9 56	0 48	14 44	0 14	7 4	17 20	11 19	11 45	19 1	17 57	5 29
F 20	12 10	5 49	1 38	0 29	1 36	3 42	1 12	23 27	0 2	5 27	1 8	17 18	2 15	9 56	0 48	14 44	0 14	7 4	17 20	11 18	11 44	19 1	17 57	5 29
S 21	11 50	9 44	0 30	0s 6	1 46	3 11	1 10	23 28	0 3	5 31	1 8	17 18	2 15	9 57	0 48	14 43	0 14	7 5	17 21	11 17	11 43	19 0	17 56	5 29
S 22	11 30	13 6	0n37	0 40	1 56	2 41	1 9	23 30	0 4	5 35	1 8	17 19	2 15	9 58	0 48	14 42	0 14	7 5	17 21	11 17	11 41	19 0	17 56	5 30
M23	11 9	15 47	1 42	1 12	2 6	2 10	1 7	23 31	0 5	5 39	1 8	17 19	2 15	9 59	0 48	14 42	0 14	7 6	17 21	11 18	11 40	18 59	17 55	5 30
T 24	10 49	17 43	2 40	1 44	2 16	1 39	1 5	23 31	0 6	5 43	1 8	17 19	2 16	10 0	0 48	14 41	0 14	7 6	17 22	11 18	11 39	18 59	17 55	5 31
W25	10 28	18 50	3 30	2 14	2 26	1 9	1 3	23 32	0 7	5 48	1 7	17 19	2 16	10 1	0 48	14 40	0 14	7 7	17 22	11 18	11 38	18 58	17 54	5 31
T 26	10 7	19 7	4 12	2 43	2 36	0 38	1 1	23 33	0 8	5 52	1 7	17 19	2 16	10 2	0 48	14 39	0 14	7 7	17 22	11 17	11 37	18 58	17 54	5 32
F 27	9 46	18 34	4 42	3 11	2 45	0 7	0 59	23 33	0 9	5 56	1 7	17 19	2 16	10 3	0 48	14 39	0 14	7 8	17 22	11 15	11 36	18 57	17 53	5 32
S 28	9 25	17 11	5 1	3 37	2 55	0s24	0 57	23 33	0 10	6 1	1 7	17 20	2 16	10 4	0 48	14 38	0 14	7 8	17 23	11 13	11 35	18 57	17 53	5 33
S 29	9 4	15 2	5 6	4 1	3 4	0 55	0 55	23 33	0 11	6 5	1 7	17 20	2 17	10 4	0 48	14 37	0 14	7 9	17 23	11 10	11 34	18 57	17 53	5 33
M30	8 42	12 11	4 57	4 24	3 14	1 26	0 53	23 33	0 12	6 9	1 7	17 20	2 17	10 5	0 48	14 37	0 14	7 9	17 23	11 7	11 33	18 56	17 52	5 33
T 31	8n21	8s45	4n34	4s45	3s22	1s57	0n50	23n33	0n13	6s14	1n 7	17n20	2s17	10s 6	0s48	14n36	0n14	7s10	17s23	11s 3	11s31	18s56	17n52	5s34

Julian Day Number = 2483899.5, Delta T = 88.16 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'41, Lahiri = 25°05'41

ASTRODIENST EPHEMERIS for the year 2088
geocentric

SEPTEMBER 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 44 35	9♍33'47	8♓ 5	4♎36	8♎ 4	5♋42	18♎43	27♉20	5°R50	21♌23	23°R13	28°R42	0♏ 7	1♑ 7	0♋11	W 1
T 2	22 48 31	10°31'49	21° 2	4°59	9°17	6°20	18°54	27°21	5♓47	21°26	23♈12	28♎35	0° 4	1°13	0°14	T 2
F 3	22 52 28	11°29'52	4♈11	5°17	10°30	6°58	19° 6	27°22	5°45	21°28	23°11	28°31	0° 1	1°20	0°16	F 3
S 4	22 56 25	12°27'58	17°32	5°30	11°43	7°35	19°17	27°22	5°43	21°30	23°10	28°28	29♎57	1°27	0°19	S 4
S 5	23 0 21	13°26'05	1♉ 3	5°37	12°56	8°12	19°29	27°22	5°40	21°32	23° 9	28°D28	29°54	1°33	0°21	S 5
M 6	23 4 18	14°24'14	14°45	5°R38	14° 8	8°49	19°41	27°23	5°38	21°34	23° 9	28°29	29°51	1°40	0°24	M 6
T 7	23 8 14	15°22'25	28°37	5°33	15°21	9°26	19°52	27°23	5°36	21°36	23° 8	28°30	29°48	1°47	0°26	T 7
W 8	23 12 11	16°20'39	12♊39	5°22	16°34	10° 3	20° 4	27°R23	5°33	21°38	23° 7	28°R31	29°45	1°53	0°28	W 8
T 9	23 16 7	17°18'54	26°49	5° 4	17°47	10°40	20°16	27°23	5°31	21°40	23° 6	28°30	29°41	2° 0	0°31	T 9
F 10	23 20 4	18°17'12	11♋ 6	4°40	18°59	11°16	20°28	27°23	5°29	21°42	23° 5	28°28	29°38	2° 7	0°33	F 10
S 11	23 24 0	19°15'31	25°27	4° 9	20°12	11°53	20°40	27°23	5°26	21°44	23° 4	28°25	29°35	2°14	0°35	S 11
S 12	23 27 57	20°13'53	9♌49	3°32	21°25	12°29	20°52	27°22	5°24	21°46	23° 3	28°20	29°32	2°20	0°37	S 12
M13	23 31 54	21°12'17	24° 6	2°49	22°37	13° 6	21° 4	27°22	5°22	21°48	23° 2	28°14	29°29	2°27	0°39	M13
T 14	23 35 50	22°10'42	8♍13	2° 1	23°50	13°42	21°16	27°21	5°19	21°50	23° 1	28° 8	29°26	2°34	0°41	T 14
W15	23 39 47	23° 9'10	22° 6	1° 7	25° 3	14°18	21°28	27°20	5°17	21°52	23° 0	28° 3	29°22	2°40	0°43	W15
T 16	23 43 43	24° 7'39	5♎41	0° 9	26°15	14°54	21°40	27°20	5°15	21°54	22°59	28° 0	29°19	2°47	0°45	T 16
F 17	23 47 40	25° 6'10	18°55	29♍ 8	27°28	15°29	21°53	27°19	5°13	21°56	22°58	27°58	29°16	2°54	0°46	F 17
S 18	23 51 36	26° 4'43	1♏49	28° 5	28°40	16° 5	22° 5	27°18	5°11	21°58	22°57	27°D58	29°13	3° 1	0°48	S 18
S 19	23 55 33	27° 3'18	14°24	27° 2	29°53	16°40	22°17	27°17	5° 8	22° 0	22°56	27°59	29°10	3° 7	0°49	S 19
M20	23 59 29	28° 1'54	26°42	25°59	1♏ 5	17°15	22°30	27°15	5° 6	22° 2	22°55	28° 0	29° 6	3°14	0°51	M20
T 21	0 3 26	29° 0'32	8♐46	25° 0	2°18	17°51	22°42	27°14	5° 4	22° 4	22°54	28° 2	29° 3	3°21	0°52	T 21
W22	0 7 23	29°59'12	20°43	24° 4	3°30	18°26	22°54	27°13	5° 2	22° 6	22°53	28° 3	29° 0	3°27	0°54	W22
T 23	0 11 19	0♎57'54	2♑35	23°14	4°42	19° 0	23° 7	27°11	5° 0	22° 7	22°52	28°R 4	28°57	3°34	0°55	T 23
F 24	0 15 16	1°56'37	14°28	22°31	5°55	19°35	23°19	27° 9	4°58	22° 9	22°51	28° 3	28°54	3°41	0°56	F 24
S 25	0 19 12	2°55'22	26°27	21°56	7° 7	20°10	23°32	27° 8	4°56	22°11	22°50	28° 1	28°51	3°47	0°57	S 25
S 26	0 23 9	3°54'09	8♒36	21°30	8°19	20°44	23°45	27° 6	4°54	22°13	22°49	27°58	28°47	3°54	0°58	S 26
M27	0 27 5	4°52'57	20°58	21°13	9°32	21°18	23°57	27° 4	4°52	22°14	22°48	27°55	28°44	4° 1	0°59	M27
T 28	0 31 2	5°51'47	3♓37	21°D 7	10°44	21°52	24°10	27° 2	4°50	22°16	22°47	27°51	28°41	4° 8	1° 0	T 28
W29	0 34 58	6°50'39	16°33	21°10	11°56	22°26	24°23	27° 0	4°48	22°18	22°46	27°48	28°38	4°14	1° 1	W29
T 30	0 38 55	7♎49'33	29♓48	21♍24	13♏ 8	23♋ 0	24♎35	26♉57	4♓46	22♌20	22♈45	27♎45	28♎35	4♑21	1♋ 1	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	7n59	4s51	3n57	5s 3	3s31	2s28	0n48	23n32	0n14	6s18	1n 7	17n20	2s17	10s 7	0s48	14n35	0n14	7s10	17s24	11s 0	11s30	18s55	17n51	5s34
T 2	7 37	0 41	3 8	5 20	3 39	2 59	0 46	23 31	0 15	6 23	1 6	17 20	2 17	10 8	0 48	14 35	0 14	7 11	17 24	10 58	11 29	18 55	17 51	5 35
F 3	7 15	3n36	2 7	5 33	3 46	3 30	0 43	23 31	0 16	6 27	1 6	17 19	2 18	10 9	0 48	14 34	0 14	7 11	17 24	10 56	11 28	18 54	17 50	5 35
S 4	6 53	7 47	0 59	5 45	3 53	4 0	0 41	23 30	0 17	6 32	1 6	17 19	2 18	10 10	0 48	14 33	0 14	7 12	17 24	10 55	11 27	18 54	17 50	5 36
S 5	6 31	11 37	0s14	5 53	3 59	4 31	0 38	23 28	0 18	6 36	1 6	17 19	2 18	10 11	0 48	14 33	0 14	7 12	17 25	10 55	11 26	18 53	17 49	5 36
M 6	6 8	14 52	1 27	5 59	4 4	5 2	0 36	23 27	0 19	6 41	1 6	17 19	2 18	10 11	0 48	14 32	0 14	7 13	17 25	10 56	11 25	18 53	17 49	5 37
T 7	5 46	17 18	2 36	6 1	4 9	5 32	0 33	23 26	0 20	6 45	1 6	17 19	2 18	10 12	0 48	14 31	0 14	7 13	17 25	10 56	11 24	18 52	17 48	5 37
W 8	5 23	18 43	3 36	5 59	4 12	6 3	0 30	23 24	0 21	6 50	1 6	17 19	2 19	10 13	0 48	14 31	0 14	7 14	17 25	10 56	11 23	18 52	17 48	5 38
T 9	5 0	18 59	4 24	5 54	4 14	6 33	0 28	23 22	0 22	6 54	1 6	17 19	2 19	10 14	0 48	14 30	0 14	7 14	17 26	10 56	11 21	18 51	17 47	5 38
F 10	4 38	18 3	4 56	5 45	4 15	7 3	0 25	23 20	0 23	6 59	1 5	17 18	2 19	10 15	0 48	14 29	0 14	7 15	17 26	10 56	11 20	18 51	17 47	5 39
S 11	4 15	15 58	5 10	5 33	4 15	7 33	0 22	23 18	0 25	7 3	1 5	17 18	2 19	10 16	0 48	14 29	0 14	7 15	17 26	10 54	11 19	18 50	17 46	5 39
S 12	3 52	12 54	5 4	5 16	4 12	8 3	0 19	23 16	0 26	7 8	1 5	17 18	2 19	10 16	0 48	14 28	0 14	7 16	17 26	10 52	11 18	18 50	17 46	5 40
M13	3 29	9 5	4 39	4 55	4 8	8 33	0 16	23 14	0 27	7 12	1 5	17 18	2 20	10 17	0 48	14 28	0 14	7 16	17 26	10 50	11 17	18 49	17 45	5 40
T 14	3 6	4 48	3 58	4 31	4 3	9 2	0 13	23 11	0 28	7 17	1 5	17 17	2 20	10 18	0 48	14 27	0 14	7 17	17 27	10 48	11 16	18 49	17 45	5 41
W15	2 43	0 20	3 3	4 2	3 55	9 32	0 10	23 8	0 29	7 22	1 5	17 17	2 20	10 19	0 48	14 26	0 15	7 17	17 27	10 47	11 15	18 48	17 44	5 41
T 16	2 20	4s 4	1 59	3 30	3 45	10 1	0 7	23 6	0 30	7 26	1 5	17 17	2 20	10 20	0 48	14 26	0 15	7 18	17 27	10 45	11 14	18 47	17 43	5 42
F 17	1 57	8 10	0 49	2 55	3 34	10 30	0 4	23 3	0 31	7 31	1 5	17 16	2 20	10 21	0 48	14 25	0 15	7 18	17 27	10 45	11 12	18 47	17 43	5 42
S 18	1 33	11 46	0n21	2 18	3 20	10 59	0 1	23 0	0 32	7 36	1 5	17 16	2 21	10 21	0 48	14 24	0 15	7 19	17 27	10 45	11 11	18 46	17 42	5 43
S 19	1 10	14 44	1 29	1 39	3 5	11 27	0s 2	22 56	0 34	7 40	1 5	17 15	2 21	10 22	0 48	14 24	0 15	7 19	17 27	10 45	11 10	18 46	17 42	5 44
M20	0 47	16 57	2 31	0 59	2 49	11 55	0 5	22 53	0 35	7 45	1 4	17 15	2 21	10 23	0 48	14 23	0 15	7 20	17 28	10 46	11 9	18 45	17 41	5 44
T 21	0 24	18 22	3 25	0 19	2 31	12 23	0 8	22 50	0 36	7 50	1 4	17 14	2 21	10 24	0 48	14 23	0 15	7 20	17 28	10 46	11 8	18 45	17 41	5 45
W22	0 0	18 57	4 10	0n20	2 12	12 51	0 11	22 46	0 37	7 54	1 4	17 14	2 21	10 24	0 48	14 22	0 15	7 21	17 28	10 47	11 7	18 44	17 40	5 45
T 23	0s23	18 40	4 44	0 58	1 52	13 19	0 15	22 43	0 38	7 59	1 4	17 13	2 21	10 25	0 48	14 22	0 15	7 21	17 28	10 47	11 6	18 44	17 40	5 46
F 24	0 46	17 35	5 5	1 34	1 32	13 46	0 18	22 39	0 39	8 4	1 4	17 13	2 22	10 26	0 48	14 21	0 15	7 22	17 28	10 46	11 5	18 43	17 39	5 46
S 25	1 10	15 43	5 14	2 6	1 12	14 13	0 21	22 35	0 41	8 8	1 4	17 12	2 22	10 27	0 48	14 20	0 15	7 22	17 28	10 46	11 3	18 43	17 39	5 47
S 26	1 33	13 8	5 9	2 35	0 52	14 39	0 24	22 31	0 42	8 13	1 4	17 12	2 22	10 27	0 48	14 20	0 15	7 23	17 28	10 45	11 2	18 42	17 38	5 47
M27	1 56	9 55	4 49	2 59	0 32	15 5	0 27	22 27	0 43	8 18	1 4	17 11	2 22	10 28	0 48	14 19	0 15	7 23	17 29	10 44	11 1	18 41	17 38	5 48
T 28	2 20	6 12	4 15	3 19	0 14	15 31	0 31	22 23	0 44	8 23	1 4	17 10	2 22	10 29	0 48	14 19	0 15	7 24	17 29	10 42	11 0	18 41	17 37	5 48
W29	2 43	2 7	3 28	3 34	0n 4	15 57	0 34	22 18	0 45	8 27	1 4	17 10	2 22	10 29	0 48	14 18	0 15	7 24	17 29	10 41	10 59	18 40	17 36	5 49
T 30	3s 6	2n11	2n28	3n43	0n21	16s22	0s37	22n14	0n47	8s32	1n 4	17n 9	2s23	10s30	0s48	14n18	0n15	7s25	17s29	10s40	10s58	18s40	17n36	5s49

Julian Day Number = 2483930.5, Delta T = 88.19 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'45, Lahiri = 25°05'45

ASTRODIENST EPHEMERIS for the year 2088
geocentric

OCTOBER 2088

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 42 51	8♎48'29	13♈19	21♍48	14♏20	23♋33	24♎48	26°R55	4°R44	22♌21	22°R44	27°R44	28♎32	4♑28	1♋ 2	F 1
S 2	0 46 48	9°47'27	27° 5	22°21	15°32	24° 7	25° 1	26♉53	4♓42	22°23	22♈42	27°D43	28°28	4°34	1° 2	S 2
S 3	0 50 45	10°46'27	11♉ 3	23° 4	16°44	24°40	25°14	26°50	4°41	22°25	22°41	27♎44	28°25	4°41	1° 3	S 3
M 4	0 54 41	11°45'30	25°10	23°54	17°56	25°13	25°26	26°47	4°39	22°26	22°40	27°45	28°22	4°48	1° 3	M 4
T 5	0 58 38	12°44'34	9♊23	24°53	19° 8	25°46	25°39	26°45	4°37	22°28	22°39	27°46	28°19	4°55	1° 4	T 5
W 6	1 2 34	13°43'41	23°38	25°58	20°20	26°19	25°52	26°42	4°35	22°29	22°38	27°47	28°16	5° 1	1° 4	W 6
T 7	1 6 31	14°42'50	7♋52	27°10	21°32	26°51	26° 5	26°39	4°34	22°31	22°37	27°48	28°12	5° 8	1° 4	T 7
F 8	1 10 27	15°42'02	22° 4	28°28	22°44	27°24	26°18	26°36	4°32	22°32	22°36	27°R48	28° 9	5°15	1°R 4	F 8
S 9	1 14 24	16°41'16	6♌11	29°50	23°56	27°56	26°31	26°33	4°30	22°34	22°35	27°47	28° 6	5°21	1° 4	S 9
S 10	1 18 20	17°40'32	20°10	1♎17	25° 7	28°28	26°44	26°30	4°29	22°35	22°33	27°46	28° 3	5°28	1° 4	S 10
M11	1 22 17	18°39'51	4♍ 0	2°47	26°19	29° 0	26°57	26°26	4°27	22°37	22°32	27°45	28° 0	5°35	1° 4	M11
T 12	1 26 14	19°39'11	17°39	4°20	27°31	29°31	27°10	26°23	4°26	22°38	22°31	27°44	27°57	5°42	1° 4	T 12
W13	1 30 10	20°38'34	1♎ 5	5°55	28°43	0♌ 3	27°23	26°20	4°24	22°39	22°30	27°43	27°53	5°48	1° 3	W13
T 14	1 34 7	21°37'59	14°17	7°33	29°54	0°34	27°36	26°16	4°23	22°41	22°29	27°42	27°50	5°55	1° 3	T 14
F 15	1 38 3	22°37'27	27°14	9°12	1♐ 6	1° 5	27°49	26°13	4°22	22°42	22°28	27°D42	27°47	6° 2	1° 2	F 15
S 16	1 42 0	23°36'56	9♏56	10°52	2°17	1°35	28° 2	26° 9	4°20	22°43	22°26	27°42	27°44	6° 8	1° 2	S 16
S 17	1 45 56	24°36'27	22°23	12°34	3°29	2° 6	28°15	26° 5	4°19	22°45	22°25	27°43	27°41	6°15	1° 1	S 17
M18	1 49 53	25°36'00	4♐37	14°15	4°40	2°36	28°28	26° 1	4°18	22°46	22°24	27°43	27°38	6°22	1° 0	M18
T 19	1 53 49	26°35'35	16°40	15°58	5°52	3° 6	28°41	25°58	4°17	22°47	22°23	27°43	27°34	6°29	1° 0	T 19
W20	1 57 46	27°35'12	28°36	17°40	7° 3	3°36	28°54	25°54	4°16	22°48	22°22	27°R43	27°31	6°35	0°59	W20
T 21	2 1 43	28°34'50	10♑28	19°23	8°14	4° 6	29° 7	25°50	4°14	22°49	22°21	27°43	27°28	6°42	0°58	T 21
F 22	2 5 39	29°34'31	22°20	21° 6	9°26	4°35	29°20	25°46	4°13	22°50	22°20	27°43	27°25	6°49	0°57	F 22
S 23	2 9 36	0♏34'13	4♒18	22°48	10°37	5° 4	29°33	25°41	4°12	22°52	22°18	27°D43	27°22	6°55	0°56	S 23
S 24	2 13 32	1°33'56	16°25	24°31	11°48	5°33	29°46	25°37	4°11	22°53	22°17	27°43	27°18	7° 2	0°55	S 24
M25	2 17 29	2°33'42	28°47	26°13	12°59	6° 2	29°59	25°33	4°10	22°54	22°16	27°44	27°15	7° 9	0°53	M25
T 26	2 21 25	3°33'29	11♓27	27°54	14°10	6°30	0♏13	25°29	4°10	22°55	22°15	27°44	27°12	7°16	0°52	T 26
W27	2 25 22	4°33'17	24°28	29°35	15°21	6°58	0°26	25°24	4° 9	22°56	22°14	27°45	27° 9	7°22	0°51	W27
T 28	2 29 18	5°33'08	7♈52	1♏16	16°32	7°26	0°39	25°20	4° 8	22°57	22°13	27°45	27° 6	7°29	0°49	T 28
F 29	2 33 15	6°33'00	21°39	2°57	17°43	7°54	0°52	25°15	4° 7	22°57	22°12	27°R46	27° 3	7°36	0°47	F 29
S 30	2 37 12	7°32'54	5♉47	4°37	18°53	8°21	1° 5	25°11	4° 7	22°58	22°11	27°46	26°59	7°42	0°46	S 30
S 31	2 41 8	8♏32'51	20♉12	6♏16	20♐ 4	8♌48	1♏18	25♉ 6	4♓ 6	22♌59	22♈ 9	27♎45	26♎56	7♑49	0♋44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	3 s29	6n28	1n19	3n48	0n36	16s47	0s41	22n10	0n48	8s37	1n 4	17n 8	2s23	10s31	0s48	14n17	0n15	7s25	17s29	10s40	10s57	18s39	17n35	5s50	F 1
S 2	3 53	10 29	0 4	3 48	0 50	17 11	0 44	22 5	0 49	8 41	1 4	17 8	2 23	10 31	0 48	14 17	0 15	7 26	17 29	10 39	10 56	18 39	17 35	5 51	S 2
S 3	4 16	13 59	1s13	3 43	1 3	17 35	0 47	22 0	0 50	8 46	1 4	17 7	2 23	10 32	0 48	14 16	0 15	7 26	17 29	10 40	10 54	18 38	17 34	5 51	S 3
M 4	4 39	16 41	2 26	3 33	1 14	17 58	0 50	21 56	0 52	8 51	1 3	17 6	2 23	10 33	0 48	14 16	0 15	7 27	17 29	10 40	10 53	18 37	17 34	5 52	M 4
T 5	5 2	18 23	3 30	3 19	1 24	18 22	0 54	21 51	0 53	8 56	1 3	17 5	2 23	10 33	0 48	14 15	0 15	7 27	17 29	10 40	10 52	18 37	17 33	5 52	T 5
W 6	5 25	18 55	4 22	3 1	1 33	18 44	0 57	21 46	0 54	9 0	1 3	17 5	2 24	10 34	0 48	14 15	0 15	7 28	17 29	10 41	10 51	18 36	17 33	5 53	W 6
T 7	5 48	18 14	4 58	2 39	1 40	19 6	1 0	21 41	0 56	9 5	1 3	17 4	2 24	10 34	0 48	14 14	0 15	7 28	17 29	10 41	10 50	18 36	17 32	5 53	T 7
F 8	6 11	16 26	5 15	2 14	1 46	19 28	1 3	21 36	0 57	9 10	1 3	17 3	2 24	10 35	0 48	14 14	0 15	7 28	17 29	10 41	10 49	18 35	17 32	5 54	F 8
S 9	6 33	13 39	5 13	1 45	1 50	19 49	1 7	21 31	0 58	9 14	1 3	17 2	2 24	10 36	0 48	14 13	0 15	7 29	17 29	10 41	10 48	18 34	17 31	5 54	S 9
S 10	6 56	10 7	4 53	1 14	1 54	20 10	1 10	21 26	1 0	9 19	1 3	17 1	2 24	10 36	0 48	14 13	0 15	7 29	17 29	10 40	10 46	18 34	17 30	5 55	S 10
M11	7 19	6 4	4 16	0 41	1 56	20 30	1 13	21 20	1 1	9 24	1 3	17 1	2 24	10 37	0 48	14 12	0 15	7 30	17 29	10 40	10 45	18 33	17 30	5 55	M11
T 12	7 41	1 44	3 24	0 5	1 58	20 50	1 16	21 15	1 2	9 29	1 3	17 0	2 24	10 37	0 48	14 12	0 15	7 30	17 29	10 40	10 44	18 33	17 29	5 56	T 12
W13	8 3	2s37	2 22	0s32	1 58	21 9	1 20	21 10	1 4	9 33	1 3	16 59	2 24	10 38	0 48	14 11	0 15	7 31	17 29	10 39	10 43	18 32	17 29	5 56	W13
T 14	8 26	6 46	1 14	1 11	1 58	21 28	1 23	21 5	1 5	9 38	1 3	16 58	2 25	10 38	0 48	14 11	0 15	7 31	17 29	10 39	10 42	18 31	17 28	5 57	T 14
F 15	8 48	10 31	0 3	1 51	1 57	21 46	1 26	20 59	1 6	9 43	1 3	16 57	2 25	10 39	0 48	14 11	0 15	7 31	17 29	10 39	10 41	18 31	17 28	5 58	F 15
S 16	9 10	13 43	1n 7	2 32	1 55	22 4	1 29	20 54	1 8	9 47	1 3	16 56	2 25	10 39	0 48	14 10	0 15	7 32	17 29	10 39	10 40	18 30	17 27	5 58	S 16
S 17	9 32	16 13	2 13	3 13	1 53	22 21	1 32	20 48	1 9	9 52	1 3	16 55	2 25	10 40	0 48	14 10	0 15	7 32	17 29	10 39	10 38	18 29	17 27	5 59	S 17
M18	9 53	17 55	3 11	3 56	1 50	22 37	1 35	20 43	1 11	9 57	1 3	16 54	2 25	10 40	0 47	14 9	0 15	7 33	17 29	10 39	10 37	18 29	17 26	5 59	M18
T 19	10 15	18 47	4 0	4 38	1 47	22 53	1 38	20 37	1 12	10 1	1 3	16 53	2 25	10 40	0 47	14 9	0 15	7 33	17 29	10 39	10 36	18 28	17 26	6 0	T 19
W20	10 37	18 48	4 37	5 21	1 43	23 8	1 41	20 32	1 14	10 6	1 3	16 52	2 25	10 41	0 47	14 9	0 15	7 33	17 29	10 39	10 35	18 28	17 25	6 0	W20
T 21	10 58	17 59	5 3	6 4	1 38	23 23	1 44	20 26	1 15	10 11	1 3	16 51	2 25	10 41	0 47	14 8	0 15	7 34	17 29	10 39	10 34	18 27	17 25	6 1	T 21
F 22	11 19	16 23	5 16	6 47	1 34	23 37	1 47	20 21	1 16	10 15	1 3	16 50	2 25	10 41	0 47	14 8	0 15	7 34	17 29	10 39	10 33	18 26	17 24	6 1	F 22
S 23	11 40	14 4	5 15	7 30	1 29	23 50	1 49	20 15	1 18	10 20	1 3	16 49	2 25	10 42	0 47	14 8	0 15	7 34	17 29	10 39	10 32	18 26	17 24	6 2	S 23
S 24	12 1	11 7	5 1	8 12	1 23	24 3	1 52	20 9	1 19	10 24	1 3	16 48	2 25	10 42	0 47	14 7	0 15	7 35	17 29	10 39	10 31	18 25	17 23	6 2	S 24
M25	12 21	7 38	4 32	8 54	1 18	24 15	1 55	20 4	1 21	10 29	1 3	16 47	2 26	10 42	0 47	14 7	0 15	7 35	17 29	10 40	10 29	18 24	17 23	6 3	M25
T 26	12 42	3 44	3 50	9 36	1 12	24 26	1 58	19 58	1 22	10 34	1 3	16 46	2 26	10 43	0 47	14 7	0 15	7 35	17 29	10 40	10 28	18 24	17 22	6 3	T 26
W27	13 2	0n28	2 54	10 18	1 6	24 37	2 0	19 52	1 24	10 38	1 3	16 45	2 26	10 43	0 47	14 6	0 15	7 36	17 29	10 40	10 27	18 23	17 22	6 4	W27
T 28	13 22	4 46	1 48	10 59	1 0	24 47	2 3	19 47	1 26	10 43	1 3	16 44	2 26	10 43	0 47	14 6	0 15	7 36	17 29	10 40	10 26	18 22	17 21	6 4	T 28
F 29	13 42	8 57	0 34	11 39	0 53	24 56	2 5	19 41	1 27	10 47	1 3	16 42	2 26	10 43	0 47	14 6	0 15	7 36	17 29	10 40	10 25	18 22	17 21	6 5	F 29
S 30	14 1	12 45	0s44	12 19	0 47	25 5	2 8	19 36	1 29	10 52	1 3	16 41	2 26	10 44	0 47	14 6	0 15	7 37	17 29	10 40	10 24	18 21	17 20	6 5	S 30
S 31	14 s21	15n50	2s 1	12s58	0n40	25s13	2s10	19n30	1n30	10s56	1n 3	16n40	2s26	10s44	0s47	14n 5	0n15	7s37	17s29	10s40	10s23	18s20	17n20	6s 6	S 31

Julian Day Number = 2483960.5, Delta T = 88.23 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'49, Lahiri = 25°05'49

ASTRODIENST EPHEMERIS for the year 2088
geocentric

NOVEMBER 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 45 5	9♏32'49	4♊48	7♏55	21♐15	9♌15	1♏31	25°R 2	4°R 5	23♌ 0	22°R 8	27°R44	26♎53	7♑56	0°R42	M 1
T 2	2 49 1	10°32'49	19°29	9°33	22°25	9°41	1°44	24♉57	4♓ 5	23° 1	22♈ 7	27♎43	26°50	8° 3	0♋41	T 2
W 3	2 52 58	11°32'51	4♋ 8	11°12	23°36	10° 7	1°57	24°52	4° 4	23° 1	22° 6	27°41	26°47	8° 9	0°39	W 3
T 4	2 56 54	12°32'56	18°39	12°49	24°46	10°33	2°10	24°48	4° 4	23° 2	22° 5	27°39	26°43	8°16	0°37	T 4
F 5	3 0 51	13°33'02	2♌59	14°26	25°56	10°59	2°23	24°43	4° 3	23° 3	22° 4	27°38	26°40	8°23	0°35	F 5
S 6	3 4 47	14°33'11	17° 3	16° 3	27° 7	11°24	2°36	24°38	4° 3	23° 4	22° 3	27°D38	26°37	8°29	0°32	S 6
S 7	3 8 44	15°33'21	0♍50	17°39	28°17	11°49	2°49	24°33	4° 3	23° 4	22° 2	27°39	26°34	8°36	0°30	S 7
M 8	3 12 41	16°33'34	14°22	19°15	29°27	12°14	3° 2	24°29	4° 3	23° 5	22° 1	27°40	26°31	8°43	0°28	M 8
T 9	3 16 37	17°33'49	27°38	20°51	0♑37	12°38	3°14	24°24	4° 2	23° 5	22° 0	27°41	26°28	8°50	0°26	T 9
W10	3 20 34	18°34'06	10♎39	22°26	1°47	13° 2	3°27	24°19	4° 2	23° 6	21°59	27°43	26°24	8°56	0°23	W10
T 11	3 24 30	19°34'24	23°28	24° 1	2°57	13°25	3°40	24°14	4° 2	23° 6	21°58	27°R44	26°21	9° 3	0°21	T 11
F 12	3 28 27	20°34'45	6♏ 5	25°36	4° 6	13°48	3°53	24° 9	4°D 2	23° 7	21°57	27°43	26°18	9°10	0°18	F 12
S 13	3 32 23	21°35'07	18°30	27°10	5°16	14°11	4° 6	24° 4	4° 2	23° 7	21°56	27°42	26°15	9°16	0°16	S 13
S 14	3 36 20	22°35'31	0♐45	28°44	6°25	14°34	4°19	23°59	4° 2	23° 7	21°55	27°39	26°12	9°23	0°13	S 14
M15	3 40 16	23°35'57	12°52	0♐17	7°35	14°56	4°31	23°55	4° 2	23° 8	21°54	27°35	26° 9	9°30	0°10	M15
T 16	3 44 13	24°36'24	24°51	1°51	8°44	15°17	4°44	23°50	4° 2	23° 8	21°53	27°30	26° 5	9°37	0° 8	T 16
W17	3 48 10	25°36'53	6♑45	3°24	9°53	15°39	4°57	23°45	4° 3	23° 8	21°52	27°25	26° 2	9°43	0° 5	W17
T 18	3 52 6	26°37'23	18°36	4°57	11° 3	15°59	5° 9	23°40	4° 3	23° 9	21°51	27°21	25°59	9°50	0° 2	T 18
F 19	3 56 3	27°37'54	0♒28	6°29	12°12	16°20	5°22	23°35	4° 3	23° 9	21°50	27°16	25°56	9°57	29♊59	F 19
S 20	3 59 59	28°38'27	12°23	8° 2	13°20	16°40	5°34	23°30	4° 4	23° 9	21°49	27°14	25°53	10° 3	29°56	S 20
S 21	4 3 56	29°39'01	24°27	9°34	14°29	16°59	5°47	23°25	4° 4	23° 9	21°48	27°D12	25°49	10°10	29°53	S 21
M22	4 7 52	0♐39'36	6♓44	11° 6	15°38	17°19	5°59	23°20	4° 5	23° 9	21°48	27°12	25°46	10°17	29°50	M22
T 23	4 11 49	1°40'12	19°18	12°38	16°46	17°37	6°12	23°16	4° 5	23° 9	21°47	27°13	25°43	10°24	29°47	T 23
W24	4 15 45	2°40'49	2♈15	14° 9	17°54	17°55	6°24	23°11	4° 6	23°R 9	21°46	27°15	25°40	10°30	29°44	W24
T 25	4 19 42	3°41'28	15°37	15°40	19° 2	18°13	6°37	23° 6	4° 6	23° 9	21°45	27°16	25°37	10°37	29°41	T 25
F 26	4 23 38	4°42'08	29°27	17°11	20°10	18°30	6°49	23° 1	4° 7	23° 9	21°44	27°R17	25°34	10°44	29°37	F 26
S 27	4 27 35	5°42'49	13♉44	18°42	21°18	18°47	7° 1	22°57	4° 8	23° 9	21°44	27°16	25°30	10°50	29°34	S 27
S 28	4 31 32	6°43'31	28°25	20°13	22°26	19° 3	7°13	22°52	4° 8	23° 9	21°43	27°13	25°27	10°57	29°31	S 28
M29	4 35 28	7°44'14	13♊24	21°43	23°33	19°19	7°26	22°47	4° 9	23° 9	21°42	27° 8	25°24	11° 4	29°27	M29
T 30	4 39 25	8♐44'59	28♊31	23♐13	24♑41	19♌35	7♏38	22♉43	4♓10	23♌ 9	21♈41	27♎ 2	25♎21	11♑11	29♊24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s40	17n57	3s11	13s37	0n34	25s20	2s12	19n25	1n32	11s 1	1n 3	16n39	2s26	10s44	0s47	14n 5	0n15	7s37	17s28	10s40	10s21	18s20	17n19	6s 6
T 2	14 59	18 53	4 9	14 14	0 27	25 27	2 15	19 19	1 34	11 5	1 3	16 38	2 26	10 44	0 47	14 5	0 15	7 37	17 28	10 39	10 20	18 19	17 19	6 7
W 3	15 17	18 32	4 50	14 51	0 20	25 33	2 17	19 14	1 35	11 10	1 3	16 37	2 26	10 44	0 47	14 5	0 15	7 38	17 28	10 39	10 19	18 18	17 18	6 7
T 4	15 36	16 58	5 12	15 28	0 14	25 38	2 19	19 8	1 37	11 14	1 3	16 36	2 26	10 44	0 47	14 4	0 15	7 38	17 28	10 38	10 18	18 18	17 18	6 8
F 5	15 54	14 22	5 15	16 3	0 7	25 43	2 21	19 3	1 39	11 19	1 3	16 35	2 26	10 45	0 47	14 4	0 15	7 38	17 28	10 38	10 17	18 17	17 17	6 8
S 6	16 12	10 59	4 58	16 38	0 0	25 46	2 23	18 57	1 40	11 23	1 3	16 33	2 26	10 45	0 47	14 4	0 15	7 39	17 28	10 38	10 16	18 16	17 17	6 9
S 7	16 29	7 2	4 25	17 12	0s 7	25 50	2 25	18 52	1 42	11 28	1 3	16 32	2 26	10 45	0 47	14 4	0 15	7 39	17 28	10 38	10 14	18 16	17 16	6 9
M 8	16 47	2 49	3 37	17 45	0 13	25 52	2 26	18 47	1 44	11 32	1 3	16 31	2 26	10 45	0 47	14 4	0 15	7 39	17 27	10 38	10 13	18 15	17 16	6 10
T 9	17 4	1s29	2 39	18 17	0 20	25 54	2 28	18 42	1 45	11 36	1 3	16 30	2 26	10 45	0 47	14 3	0 15	7 39	17 27	10 39	10 12	18 14	17 15	6 10
W10	17 20	5 38	1 33	18 48	0 27	25 55	2 30	18 37	1 47	11 41	1 3	16 29	2 26	10 45	0 47	14 3	0 15	7 39	17 27	10 39	10 11	18 14	17 15	6 10
T 11	17 37	9 28	0 23	19 18	0 33	25 55	2 31	18 31	1 49	11 45	1 3	16 28	2 26	10 45	0 47	14 3	0 16	7 40	17 27	10 40	10 10	18 13	17 15	6 11
F 12	17 53	12 49	0n46	19 47	0 40	25 54	2 33	18 26	1 51	11 49	1 3	16 27	2 26	10 45	0 47	14 3	0 16	7 40	17 27	10 39	10 9	18 12	17 14	6 11
S 13	18 9	15 32	1 52	20 16	0 46	25 53	2 34	18 22	1 53	11 54	1 3	16 25	2 26	10 45	0 47	14 3	0 16	7 40	17 27	10 39	10 8	18 11	17 14	6 12
S 14	18 25	17 30	2 52	20 43	0 52	25 51	2 35	18 17	1 54	11 58	1 3	16 24	2 26	10 45	0 47	14 3	0 16	7 40	17 26	10 38	10 6	18 11	17 13	6 12
M15	18 40	18 39	3 43	21 9	0 59	25 49	2 36	18 12	1 56	12 2	1 3	16 23	2 26	10 45	0 46	14 3	0 16	7 40	17 26	10 37	10 5	18 10	17 13	6 13
T 16	18 55	18 56	4 24	21 34	1 5	25 45	2 37	18 7	1 58	12 6	1 3	16 22	2 26	10 45	0 46	14 3	0 16	7 40	17 26	10 35	10 4	18 9	17 13	6 13
W17	19 9	18 23	4 53	21 59	1 11	25 41	2 38	18 3	2 0	12 11	1 3	16 21	2 26	10 44	0 46	14 3	0 16	7 41	17 26	10 33	10 3	18 9	17 12	6 13
T 18	19 23	17 2	5 9	22 22	1 16	25 36	2 39	17 59	2 2	12 15	1 3	16 20	2 25	10 44	0 46	14 3	0 16	7 41	17 26	10 31	10 2	18 8	17 12	6 14
F 19	19 37	14 57	5 12	22 44	1 22	25 31	2 40	17 54	2 4	12 19	1 3	16 19	2 25	10 44	0 46	14 2	0 16	7 41	17 25	10 30	10 1	18 7	17 11	6 14
S 20	19 51	12 15	5 2	23 4	1 27	25 25	2 40	17 50	2 6	12 23	1 3	16 18	2 25	10 44	0 46	14 2	0 16	7 41	17 25	10 29	10 0	18 6	17 11	6 14
S 21	20 4	8 59	4 38	23 24	1 33	25 18	2 41	17 46	2 8	12 27	1 3	16 16	2 25	10 44	0 46	14 2	0 16	7 41	17 25	10 28	9 58	18 6	17 11	6 15
M22	20 17	5 18	4 1	23 42	1 38	25 11	2 41	17 42	2 10	12 31	1 3	16 15	2 25	10 44	0 46	14 2	0 16	7 41	17 25	10 28	9 57	18 5	17 10	6 15
T 23	20 29	1 17	3 12	24 0	1 43	25 3	2 41	17 38	2 12	12 35	1 3	16 14	2 25	10 43	0 46	14 2	0 16	7 41	17 24	10 29	9 56	18 4	17 10	6 16
W24	20 41	2n55	2 12	24 16	1 47	24 54	2 42	17 34	2 14	12 39	1 3	16 13	2 25	10 43	0 46	14 2	0 16	7 41	17 24	10 29	9 55	18 3	17 10	6 16
T 25	20 53	7 7	1 3	24 31	1 52	24 44	2 42	17 31	2 16	12 43	1 3	16 12	2 25	10 43	0 46	14 2	0 16	7 41	17 24	10 30	9 54	18 3	17 9	6 16
F 26	21 4	11 5	0s12	24 44	1 56	24 34	2 41	17 28	2 18	12 47	1 3	16 11	2 25	10 43	0 46	14 2	0 16	7 41	17 24	10 30	9 53	18 2	17 9	6 17
S 27	21 15	14 33	1 28	24 56	2 0	24 24	2 41	17 24	2 20	12 51	1 3	16 10	2 25	10 42	0 46	14 2	0 16	7 41	17 23	10 30	9 51	18 1	17 9	6 17
S 28	21 25	17 11	2 41	25 7	2 4	24 12	2 41	17 21	2 22	12 55	1 3	16 9	2 24	10 42	0 46	14 3	0 16	7 41	17 23	10 28	9 50	18 0	17 8	6 17
M29	21 35	18 41	3 44	25 17	2 7	24 0	2 40	17 18	2 24	12 59	1 3	16 8	2 24	10 42	0 46	14 3	0 16	7 41	17 23	10 27	9 49	18 0	17 8	6 17
T 30	21s45	18n53	4s32	25s25	2s10	23s48	2s40	17n15	2n27	13s 3	1n 3	16n 7	2s24	10s41	0s46	14n 3	0n16	7s41	17s23	10s25	9s48	17s59	17n 8	6s18

Julian Day Number = 2483991.5, Delta T = 88.26 sec
Ecliptic obliquity = 23°25'32, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'53, Lahiri = 25°05'54

ASTRODIENST EPHEMERIS for the year 2088
geocentric

DECEMBER 2088 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 43 21	9♐45'45	13♋37	24♐43	25♑48	19♌49	7♏50	22°R38	4♓11	23°R 9	21°R41	26°R55	25♎18	11♑17	29°R20	W 1
T 2	4 47 18	10°46'33	28°32	26°12	26°55	20° 3	8° 2	22♉34	4°12	23♌ 8	21♈40	26♎49	25°15	11°24	29♊17	T 2
F 3	4 51 14	11°47'22	13♌ 9	27°41	28° 1	20°17	8°14	22°29	4°13	23° 8	21°39	26°44	25°11	11°31	29°13	F 3
S 4	4 55 11	12°48'12	27°23	29° 9	29° 8	20°30	8°26	22°25	4°14	23° 8	21°38	26°41	25° 8	11°38	29°10	S 4
S 5	4 59 8	13°49'03	11♍13	0♑37	0♒14	20°43	8°38	22°20	4°15	23° 7	21°38	26°D40	25° 5	11°44	29° 6	S 5
M 6	5 3 4	14°49'56	24°38	2° 4	1°20	20°55	8°49	22°16	4°16	23° 7	21°37	26°40	25° 2	11°51	29° 3	M 6
T 7	5 7 1	15°50'51	7♎42	3°30	2°26	21° 6	9° 1	22°12	4°18	23° 7	21°37	26°41	24°59	11°58	28°59	T 7
W 8	5 10 57	16°51'46	20°28	4°55	3°32	21°17	9°13	22° 7	4°19	23° 6	21°36	26°R42	24°55	12° 4	28°55	W 8
T 9	5 14 54	17°52'43	3♏ 0	6°19	4°37	21°27	9°24	22° 3	4°20	23° 6	21°35	26°42	24°52	12°11	28°52	T 9
F 10	5 18 50	18°53'41	15°19	7°42	5°42	21°36	9°36	21°59	4°22	23° 5	21°35	26°40	24°49	12°18	28°48	F 10
S 11	5 22 47	19°54'40	27°30	9° 3	6°47	21°45	9°47	21°55	4°23	23° 5	21°34	26°36	24°46	12°25	28°44	S 11
S 12	5 26 43	20°55'40	9♐34	10°22	7°52	21°53	9°59	21°51	4°25	23° 4	21°34	26°29	24°43	12°31	28°41	S 12
M13	5 30 40	21°56'42	21°33	11°40	8°57	22° 0	10°10	21°47	4°26	23° 4	21°33	26°19	24°40	12°38	28°37	M13
T 14	5 34 37	22°57'43	3♑27	12°55	10° 1	22° 7	10°21	21°43	4°28	23° 3	21°33	26° 8	24°36	12°45	28°33	T 14
W15	5 38 33	23°58'46	15°20	14° 7	11° 4	22°13	10°32	21°40	4°29	23° 2	21°32	25°56	24°33	12°51	28°29	W15
T 16	5 42 30	24°59'49	27°11	15°16	12° 8	22°18	10°44	21°36	4°31	23° 2	21°32	25°44	24°30	12°58	28°25	T 16
F 17	5 46 26	26° 0'53	9♒ 3	16°21	13°11	22°23	10°55	21°32	4°33	23° 1	21°32	25°34	24°27	13° 5	28°22	F 17
S 18	5 50 23	27° 1'57	20°59	17°21	14°14	22°27	11° 6	21°29	4°34	23° 0	21°31	25°25	24°24	13°12	28°18	S 18
S 19	5 54 19	28° 3'02	3♓ 1	18°17	15°17	22°30	11°16	21°25	4°36	22°59	21°31	25°19	24°21	13°18	28°14	S 19
M20	5 58 16	29° 4'07	15°14	19° 7	16°19	22°32	11°27	21°22	4°38	22°58	21°30	25°16	24°17	13°25	28°10	M20
T 21	6 2 12	0♑ 5'12	27°43	19°50	17°21	22°34	11°38	21°19	4°40	22°58	21°30	25°D15	24°14	13°32	28° 6	T 21
W22	6 6 9	1° 6'17	10♈32	20°25	18°22	22°35	11°48	21°16	4°42	22°57	21°30	25°15	24°11	13°38	28° 3	W22
T 23	6 10 6	2° 7'23	23°45	20°53	19°23	22°R35	11°59	21°13	4°44	22°56	21°30	25°R16	24° 8	13°45	27°59	T 23
F 24	6 14 2	3° 8'29	7♉26	21°11	20°24	22°34	12° 9	21°10	4°46	22°55	21°29	25°15	24° 5	13°52	27°55	F 24
S 25	6 17 59	4° 9'35	21°37	21°R19	21°24	22°32	12°20	21° 7	4°48	22°54	21°29	25°13	24° 1	13°59	27°51	S 25
S 26	6 21 55	5°10'41	6♊16	21°16	22°24	22°30	12°30	21° 4	4°50	22°53	21°29	25° 7	23°58	14° 5	27°48	S 26
M27	6 25 52	6°11'48	21°19	21° 1	23°23	22°27	12°40	21° 1	4°52	22°52	21°29	24°59	23°55	14°12	27°44	M27
T 28	6 29 48	7°12'55	6♋38	20°35	24°22	22°23	12°50	20°59	4°54	22°51	21°28	24°49	23°52	14°19	27°40	T 28
W29	6 33 45	8°14'02	22° 0	19°57	25°20	22°19	13° 0	20°56	4°56	22°50	21°28	24°38	23°49	14°26	27°36	W29
T 30	6 37 41	9°15'09	7♌15	19° 8	26°18	22°13	13°10	20°54	4°59	22°49	21°28	24°28	23°46	14°32	27°33	T 30
F 31	6 41 38	10♑16'16	22♌11	18♑ 8	27♒15	22♌ 7	13♏20	20♉51	5♓ 1	22♌48	21♈28	24♎19	23♎42	14♑39	27♊29	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	21s54	17n45	5s 1	25s32	2s13	23s34	2s39	17n13	2n29	13s 7	1n 3	16n 6	2s24	10s41	0s46	14n 3	0n16	7s41	17s22	10s22	9s47	17s58	17n 7	6s18
T 2	22 3	15 24	5 9	25 38	2 16	23 21	2 38	17 10	2 31	13 11	1 3	16 5	2 24	10 40	0 46	14 3	0 16	7 41	17 22	10 20	9 46	17 57	17 7	6 18
F 3	22 11	12 7	4 56	25 42	2 18	23 6	2 37	17 8	2 33	13 14	1 3	16 4	2 24	10 40	0 46	14 3	0 16	7 41	17 22	10 18	9 44	17 57	17 7	6 19
S 4	22 19	8 12	4 26	25 45	2 19	22 52	2 36	17 6	2 35	13 18	1 4	16 3	2 24	10 40	0 46	14 3	0 16	7 41	17 21	10 17	9 43	17 56	17 7	6 19
S 5	22 27	3 57	3 41	25 46	2 20	22 36	2 34	17 4	2 38	13 22	1 4	16 2	2 23	10 39	0 46	14 3	0 16	7 41	17 21	10 17	9 42	17 55	17 6	6 19
M 6	22 34	0s23	2 44	25 46	2 21	22 20	2 33	17 3	2 40	13 26	1 4	16 1	2 23	10 39	0 46	14 3	0 16	7 41	17 21	10 17	9 41	17 54	17 6	6 19
T 7	22 40	4 36	1 41	25 44	2 21	22 4	2 31	17 1	2 42	13 29	1 4	16 0	2 23	10 38	0 46	14 4	0 16	7 41	17 21	10 17	9 40	17 54	17 6	6 19
W 8	22 47	8 31	0 34	25 41	2 21	21 47	2 30	17 0	2 45	13 33	1 4	15 59	2 23	10 38	0 46	14 4	0 16	7 41	17 20	10 17	9 39	17 53	17 6	6 20
T 9	22 52	11 58	0n34	25 37	2 20	21 29	2 28	16 59	2 47	13 36	1 4	15 58	2 23	10 37	0 46	14 4	0 16	7 41	17 20	10 17	9 38	17 52	17 5	6 20
F 10	22 58	14 51	1 38	25 31	2 19	21 11	2 26	16 58	2 49	13 40	1 4	15 57	2 23	10 37	0 46	14 4	0 16	7 41	17 20	10 17	9 36	17 51	17 5	6 20
S 11	23 3	17 2	2 38	25 24	2 17	20 53	2 23	16 57	2 52	13 44	1 4	15 57	2 22	10 36	0 45	14 4	0 16	7 41	17 19	10 15	9 35	17 50	17 5	6 20
S 12	23 7	18 26	3 29	25 15	2 14	20 34	2 21	16 57	2 54	13 47	1 4	15 56	2 22	10 36	0 45	14 4	0 16	7 41	17 19	10 13	9 34	17 50	17 5	6 20
M13	23 11	18 59	4 10	25 5	2 11	20 14	2 18	16 57	2 56	13 51	1 4	15 55	2 22	10 35	0 45	14 5	0 16	7 41	17 19	10 9	9 33	17 49	17 5	6 21
T 14	23 14	18 42	4 41	24 54	2 7	19 54	2 16	16 57	2 59	13 54	1 4	15 54	2 22	10 34	0 45	14 5	0 16	7 40	17 18	10 5	9 32	17 48	17 4	6 21
W15	23 17	17 36	4 59	24 42	2 2	19 34	2 13	16 57	3 1	13 57	1 4	15 53	2 22	10 34	0 45	14 5	0 16	7 40	17 18	10 1	9 31	17 47	17 4	6 21
T 16	23 20	15 45	5 4	24 28	1 56	19 13	2 10	16 58	3 4	14 1	1 4	15 53	2 21	10 33	0 45	14 5	0 16	7 40	17 18	9 56	9 29	17 46	17 4	6 21
F 17	23 22	13 14	4 55	24 13	1 49	18 52	2 7	16 59	3 6	14 4	1 4	15 52	2 21	10 32	0 45	14 6	0 16	7 40	17 17	9 53	9 28	17 46	17 4	6 21
S 18	23 24	10 9	4 34	23 58	1 41	18 31	2 3	17 0	3 9	14 7	1 5	15 51	2 21	10 32	0 45	14 6	0 16	7 40	17 17	9 50	9 27	17 45	17 4	6 21
S 19	23 25	6 38	4 1	23 42	1 32	18 9	2 0	17 1	3 11	14 11	1 5	15 51	2 21	10 31	0 45	14 6	0 16	7 40	17 17	9 47	9 26	17 44	17 4	6 21
M20	23 25	2 48	3 16	23 25	1 22	17 47	1 56	17 3	3 14	14 14	1 5	15 50	2 20	10 30	0 45	14 6	0 16	7 39	17 16	9 46	9 25	17 43	17 3	6 21
T 21	23 26	1n15	2 21	23 7	1 10	17 25	1 52	17 4	3 16	14 17	1 5	15 49	2 20	10 30	0 45	14 7	0 16	7 39	17 16	9 46	9 24	17 42	17 3	6 21
W22	23 25	5 21	1 18	22 49	0 58	17 2	1 48	17 6	3 19	14 20	1 5	15 49	2 20	10 29	0 45	14 7	0 16	7 39	17 16	9 46	9 22	17 42	17 3	6 22
T 23	23 24	9 20	0 8	22 32	0 44	16 39	1 44	17 9	3 21	14 23	1 5	15 48	2 20	10 28	0 45	14 7	0 16	7 39	17 15	9 46	9 21	17 41	17 3	6 22
F 24	23 23	12 58	1s 4	22 14	0 29	16 15	1 40	17 11	3 24	14 26	1 5	15 48	2 20	10 27	0 45	14 8	0 16	7 39	17 15	9 46	9 20	17 40	17 3	6 22
S 25	23 22	15 59	2 15	21 57	0 13	15 52	1 35	17 14	3 26	14 30	1 5	15 47	2 19	10 27	0 45	14 8	0 16	7 38	17 14	9 45	9 19	17 39	17 3	6 22
S 26	23 19	18 4	3 19	21 40	0n 5	15 28	1 30	17 17	3 29	14 33	1 5	15 47	2 19	10 26	0 45	14 8	0 16	7 38	17 14	9 43	9 18	17 38	17 3	6 22
M27	23 17	18 58	4 11	21 24	0 23	15 4	1 25	17 21	3 31	14 35	1 5	15 46	2 19	10 25	0 45	14 9	0 16	7 38	17 14	9 40	9 17	17 37	17 3	6 22
T 28	23 14	18 29	4 46	21 10	0 42	14 39	1 20	17 24	3 34	14 38	1 6	15 46	2 19	10 24	0 45	14 9	0 16	7 37	17 13	9 36	9 15	17 37	17 3	6 22
W29	23 10	16 41	5 1	20 56	1 1	14 15	1 15	17 28	3 36	14 41	1 6	15 45	2 18	10 23	0 45	14 9	0 16	7 37	17 13	9 32	9 14	17 36	17 3	6 22
T 30	23 6	13 42	4 54	20 43	1 21	13 50	1 9	17 33	3 39	14 44	1 6	15 45	2 18	10 23	0 45	14 10	0 16	7 37	17 13	9 28	9 13	17 35	17 2	6 22
F 31	23s 2	9n54	4s27	20s32	1n40	13s25	1s 4	17n37	3n41	14s47	1n 6	15n45	2s18	10s22	0s45	14n10	0n16	7s37	17s12	9s25	9s12	17s34	17n 2	6s22

Julian Day Number = 2484021.5, Delta T = 88.30 sec
Ecliptic obliquity = 23°25'31, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°58'57, Lahiri = 25°05'58