Astrodienst Ephemeris Tables

for the year 2188

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 2188
geocentric

JANUARY 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 42	10♑13'46	5♒58	7°R29	24♒13	16♒28	0♓ 5	23♎ 0	5°R 3	25♓33	5°R48	29°R36	28♊57	22♓52	0°R28	T 1
W 2	6 45 39	11°14'56	18°17	6♑10	25°23	17°15	0°17	23° 3	5♉ 2	25°34	5♌46	29♊35	28°54	22°59	0♋24	W 2
T 3	6 49 36	12°16'06	0♓25	4°56	26°32	18° 2	0°28	23° 6	5° 2	25°35	5°45	29°33	28°51	23° 5	0°20	T 3
F 4	6 53 32	13°17'15	12°23	3°49	27°42	18°50	0°40	23° 9	5° 1	25°36	5°44	29°31	28°47	23°12	0°17	F 4
S 5	6 57 29	14°18'24	24°16	2°50	28°51	19°37	0°52	23°12	5° 1	25°37	5°43	29°29	28°44	23°19	0°13	S 5
S 6	7 1 25	15°19'34	6♈ 8	2° 1	29°59	20°24	1° 5	23°15	5° 0	25°38	5°42	29°28	28°41	23°26	0° 9	S 6
M 7	7 5 22	16°20'43	18° 4	1°23	1♓ 9	21°11	1°17	23°17	5° 0	25°39	5°40	29°D28	28°38	23°32	0° 6	M 7
T 8	7 9 18	17°21'51	0♉ 7	0°54	2°17	21°58	1°29	23°20	5° 0	25°40	5°39	29°28	28°35	23°39	0° 2	T 8
W 9	7 13 15	18°23'00	12°23	0°36	3°26	22°45	1°41	23°23	4°59	25°41	5°38	29°30	28°32	23°46	29♊58	W 9
T 10	7 17 11	19°24'08	24°56	0°D28	4°34	23°33	1°54	23°25	4°59	25°43	5°36	29°31	28°28	23°52	29°55	T 10
F 11	7 21 8	20°25'16	7♊49	0°28	5°42	24°20	2° 6	23°27	4°59	25°44	5°35	29°33	28°25	23°59	29°51	F 11
S 12	7 25 4	21°26'23	21° 6	0°38	6°50	25° 7	2°19	23°30	4°59	25°45	5°34	29°34	28°22	24° 6	29°48	S 12
S 13	7 29 1	22°27'31	4♋47	0°54	7°58	25°54	2°32	23°32	4°D59	25°46	5°33	29°R34	28°19	24°13	29°44	S 13
M14	7 32 58	23°28'37	18°50	1°19	9° 6	26°41	2°44	23°34	4°59	25°47	5°31	29°33	28°16	24°19	29°41	M14
T 15	7 36 54	24°29'44	3♌12	1°49	10°13	27°29	2°57	23°36	4°59	25°49	5°30	29°30	28°13	24°26	29°37	T 15
W16	7 40 51	25°30'50	17°47	2°26	11°20	28°16	3°10	23°38	4°59	25°50	5°29	29°27	28° 9	24°33	29°34	W16
T 17	7 44 47	26°31'56	2♍29	3° 7	12°27	29° 3	3°23	23°39	4°59	25°51	5°27	29°23	28° 6	24°40	29°31	T 17
F 18	7 48 44	27°33'02	17°10	3°54	13°33	29°50	3°36	23°41	4°59	25°53	5°26	29°19	28° 3	24°46	29°27	F 18
S 19	7 52 40	28°34'07	1♎43	4°44	14°40	0♓37	3°49	23°42	5° 0	25°54	5°25	29°16	28° 0	24°53	29°24	S 19
S 20	7 56 37	29°35'13	16° 5	5°39	15°46	1°25	4° 2	23°44	5° 0	25°56	5°23	29°14	27°57	25° 0	29°21	S 20
M21	8 0 34	0♒36'18	0♏11	6°37	16°52	2°12	4°16	23°45	5° 0	25°57	5°22	29°D13	27°53	25° 6	29°18	M21
T 22	8 4 30	1°37'23	14° 1	7°38	17°58	2°59	4°29	23°46	5° 1	25°59	5°21	29°13	27°50	25°13	29°15	T 22
W23	8 8 27	2°38'28	27°34	8°42	19° 3	3°46	4°42	23°48	5° 1	26° 0	5°19	29°15	27°47	25°20	29°12	W23
T 24	8 12 23	3°39'32	10♐53	9°48	20° 8	4°33	4°56	23°49	5° 2	26° 2	5°18	29°16	27°44	25°27	29° 9	T 24
F 25	8 16 20	4°40'36	23°57	10°56	21°13	5°21	5° 9	23°49	5° 3	26° 3	5°17	29°R18	27°41	25°33	29° 6	F 25
S 26	8 20 16	5°41'40	6♑49	12° 7	22°18	6° 8	5°23	23°50	5° 3	26° 5	5°15	29°17	27°38	25°40	29° 3	S 26
S 27	8 24 13	6°42'43	19°30	13°20	23°22	6°55	5°36	23°51	5° 4	26° 6	5°14	29°15	27°34	25°47	29° 0	S 27
M28	8 28 9	7°43'46	2♒ 0	14°34	24°26	7°42	5°50	23°51	5° 5	26° 8	5°13	29°12	27°31	25°54	28°57	M28
T 29	8 32 6	8°44'47	14°20	15°50	25°30	8°29	6° 3	23°52	5° 5	26°10	5°11	29° 6	27°28	26° 0	28°55	T 29
W30	8 36 3	9°45'48	26°31	17° 7	26°33	9°16	6°17	23°52	5° 6	26°11	5°10	28°58	27°25	26° 7	28°52	W30
T 31	8 39 59	10♒46'48	8♓34	18♑26	27♓36	10♓ 3	6♓31	23♎52	5♉ 7	26♓13	5♌ 8	28♊50	27♊22	26♓14	28♊50	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 1	21s48	3s 8	20s32	2n41	15s 7	1s47	17s 0	1s10	12s20	0s58	6s41	2n25	12n44	0s29	2s52	1s12	22n32	3n51	23n25	23n25	7s32	16n53	6s32
W 2	22 56	19 6	3 58	20 24	2 52	14 41	1 45	16 45	1 10	12 16	0 58	6 42	2 25	12 44	0 29	2 51	1 12	22 32	3 51	23 25	23 25	7 29	16 53	6 32
T 3	22 51	15 37	4 36	20 19	3 1	14 15	1 42	16 30	1 9	12 12	0 58	6 43	2 25	12 44	0 29	2 51	1 12	22 33	3 51	23 25	23 25	7 26	16 53	6 32
F 4	22 45	11 33	5 2	20 14	3 7	13 49	1 39	16 15	1 9	12 7	0 58	6 44	2 26	12 44	0 29	2 51	1 12	22 33	3 51	23 25	23 25	7 24	16 53	6 32
S 5	22 39	7 5	5 14	20 12	3 11	13 22	1 37	16 0	1 8	12 3	0 58	6 45	2 26	12 44	0 29	2 50	1 12	22 34	3 52	23 25	23 25	7 21	16 53	6 32
S 6	22 32	2 22	5 14	20 11	3 13	12 55	1 34	15 45	1 8	11 59	0 58	6 45	2 26	12 44	0 29	2 50	1 12	22 34	3 52	23 25	23 24	7 19	16 53	6 32
M 7	22 25	2n28	4 59	20 12	3 12	12 28	1 31	15 29	1 8	11 54	0 57	6 46	2 27	12 44	0 29	2 49	1 12	22 35	3 52	23 25	23 24	7 16	16 53	6 32
T 8	22 17	7 15	4 32	20 15	3 10	12 1	1 28	15 14	1 7	11 50	0 57	6 47	2 27	12 43	0 29	2 49	1 12	22 35	3 52	23 25	23 24	7 14	16 53	6 32
W 9	22 9	11 51	3 52	20 18	3 6	11 33	1 24	14 58	1 7	11 45	0 57	6 48	2 27	12 43	0 29	2 48	1 12	22 35	3 52	23 25	23 24	7 11	16 53	6 32
T 10	22 1	16 5	2 59	20 24	3 1	11 5	1 21	14 42	1 6	11 41	0 57	6 48	2 27	12 43	0 28	2 48	1 12	22 36	3 52	23 25	23 24	7 8	16 53	6 31
F 11	21 52	19 40	1 57	20 30	2 55	10 37	1 17	14 26	1 6	11 36	0 57	6 49	2 28	12 43	0 28	2 47	1 12	22 36	3 52	23 25	23 24	7 6	16 54	6 31
S 12	21 43	22 21	0 46	20 37	2 48	10 8	1 14	14 10	1 5	11 32	0 57	6 49	2 28	12 43	0 28	2 47	1 12	22 37	3 52	23 25	23 24	7 3	16 54	6 31
S 13	21 33	23 48	0n29	20 45	2 40	9 39	1 10	13 53	1 5	11 27	0 57	6 50	2 28	12 43	0 28	2 46	1 12	22 37	3 52	23 25	23 24	7 0	16 54	6 31
M14	21 23	23 49	1 44	20 53	2 32	9 11	1 6	13 37	1 4	11 23	0 57	6 50	2 28	12 43	0 28	2 46	1 11	22 37	3 52	23 25	23 24	6 58	16 54	6 31
T 15	21 12	22 15	2 54	21 1	2 23	8 41	1 2	13 20	1 4	11 18	0 57	6 51	2 29	12 43	0 28	2 45	1 11	22 38	3 53	23 25	23 24	6 55	16 54	6 31
W16	21 1	19 12	3 54	21 10	2 14	8 12	0 58	13 3	1 3	11 13	0 57	6 51	2 29	12 44	0 28	2 45	1 11	22 38	3 53	23 25	23 24	6 53	16 54	6 31
T 17	20 50	14 55	4 39	21 19	2 4	7 43	0 54	12 46	1 3	11 8	0 57	6 52	2 29	12 44	0 28	2 44	1 11	22 39	3 53	23 25	23 24	6 50	16 54	6 31
F 18	20 38	9 45	5 6	21 27	1 54	7 13	0 50	12 29	1 2	11 4	0 57	6 52	2 29	12 44	0 28	2 44	1 11	22 39	3 53	23 25	23 24	6 47	16 55	6 30
S 19	20 26	4 6	5 13	21 35	1 45	6 44	0 45	12 12	1 2	10 59	0 57	6 52	2 30	12 44	0 28	2 43	1 11	22 40	3 53	23 25	23 24	6 45	16 55	6 30
S 20	20 13	1s42	5 0	21 43	1 35	6 14	0 41	11 55	1 1	10 54	0 57	6 53	2 30	12 44	0 28	2 43	1 11	22 40	3 53	23 25	23 24	6 42	16 55	6 30
M21	20 0	7 20	4 28	21 50	1 25	5 44	0 36	11 38	1 1	10 49	0 57	6 53	2 30	12 44	0 28	2 42	1 11	22 40	3 53	23 25	23 24	6 40	16 55	6 30
T 22	19 47	12 29	3 42	21 56	1 16	5 14	0 31	11 20	1 0	10 44	0 57	6 53	2 31	12 44	0 28	2 41	1 11	22 41	3 53	23 25	23 24	6 37	16 55	6 30
W23	19 33	16 56	2 45	22 2	1 6	4 44	0 26	11 2	1 0	10 39	0 57	6 53	2 31	12 45	0 28	2 41	1 11	22 41	3 53	23 25	23 24	6 34	16 55	6 29
T 24	19 19	20 25	1 39	22 7	0 56	4 14	0 21	10 45	0 59	10 35	0 57	6 53	2 31	12 45	0 28	2 40	1 11	22 42	3 53	23 25	23 24	6 32	16 56	6 29
F 25	19 4	22 48	0 29	22 11	0 47	3 44	0 16	10 27	0 58	10 30	0 57	6 53	2 31	12 45	0 28	2 39	1 11	22 42	3 53	23 25	23 24	6 29	16 56	6 29
S 26	18 50	23 55	0s41	22 14	0 38	3 13	0 11	10 9	0 58	10 25	0 57	6 53	2 32	12 45	0 28	2 39	1 11	22 42	3 53	23 25	23 24	6 26	16 56	6 29
S 27	18 35	23 47	1 48	22 17	0 28	2 43	0 6	9 51	0 57	10 20	0 57	6 53	2 32	12 45	0 28	2 38	1 11	22 43	3 53	23 25	23 24	6 24	16 56	6 28
M28	18 19	22 26	2 48	22 18	0 20	2 13	0 0	9 33	0 57	10 15	0 57	6 53	2 32	12 46	0 28	2 37	1 11	22 43	3 54	23 25	23 24	6 21	16 57	6 28
T 29	18 3	20 1	3 40	22 18	0 11	1 42	0n 5	9 15	0 56	10 9	0 57	6 53	2 33	12 46	0 28	2 37	1 11	22 44	3 54	23 25	23 23	6 18	16 57	6 28
W30	17 47	16 45	4 21	22 17	0 2	1 12	0 11	8 57	0 56	10 4	0 57	6 53	2 33	12 46	0 28	2 36	1 11	22 44	3 54	23 25	23 23	6 16	16 57	6 28
T 31	17s31	12s49	4s49	22s15	0s 6	0s42	0n17	8s38	0s55	9s59	0s57	6s53	2n33	12n47	0s28	2s35	1s11	22n44	3n54	23n25	23n23	6s13	16n57	6s27

Julian Day Number = 2520210.5, Delta T = 151.72 sec
Ecliptic obliquity = 23°24'53, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'03, Lahiri = 26°29'03

ASTRODIENST EPHEMERIS for the year 2188
geocentric

FEBRUARY 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 56	11♒47'46	20♓31	19♉46	28♓38	10♓51	6♓45	23♎53	5♉ 8	26♓15	5°R 7	28°R41	27♊19	26♓20	28°R47	F 1
S 2	8 47 52	12°48'44	2♈23	21° 7	29°41	11°38	6°59	23°R53	5° 9	26°17	5♌ 6	28♊34	27°15	26°27	28♊45	S 2
S 3	8 51 49	13°49'40	14°14	22°29	0♈43	12°25	7°12	23°53	5°10	26°18	5° 4	28°28	27°12	26°34	28°42	S 3
M 4	8 55 45	14°50'36	26° 7	23°52	1°44	13°12	7°26	23°52	5°11	26°20	5° 3	28°23	27° 9	26°41	28°40	M 4
T 5	8 59 42	15°51'30	8♉ 7	25°17	2°45	13°59	7°40	23°52	5°12	26°22	5° 2	28°21	27° 6	26°47	28°38	T 5
W 6	9 3 38	16°52'22	20°18	26°42	3°46	14°46	7°54	23°52	5°14	26°24	5° 0	28°D21	27° 3	26°54	28°36	W 6
T 7	9 7 35	17°53'14	2♊46	28° 8	4°46	15°33	8° 8	23°51	5°15	26°26	4°59	28°22	26°59	27° 1	28°34	T 7
F 8	9 11 32	18°54'04	15°35	29°35	5°46	16°20	8°23	23°51	5°16	26°28	4°58	28°23	26°56	27° 7	28°32	F 8
S 9	9 15 28	19°54'52	28°49	1♒ 3	6°45	17° 7	8°37	23°50	5°18	26°29	4°57	28°R24	26°53	27°14	28°30	S 9
S 10	9 19 25	20°55'40	12♋32	2°32	7°44	17°54	8°51	23°49	5°19	26°31	4°55	28°23	26°50	27°21	28°28	S 10
M11	9 23 21	21°56'26	26°42	4° 2	8°42	18°41	9° 5	23°48	5°20	26°33	4°54	28°20	26°47	27°28	28°26	M11
T 12	9 27 18	22°57'10	11♌19	5°33	9°40	19°28	9°19	23°47	5°22	26°35	4°53	28°14	26°44	27°34	28°24	T 12
W13	9 31 14	23°57'53	26°15	7° 4	10°37	20°14	9°33	23°46	5°23	26°37	4°51	28° 6	26°40	27°41	28°23	W13
T 14	9 35 11	24°58'35	11♍22	8°36	11°34	21° 1	9°48	23°45	5°25	26°39	4°50	27°58	26°37	27°48	28°21	T 14
F 15	9 39 7	25°59'15	26°30	10°10	12°30	21°48	10° 2	23°43	5°27	26°41	4°49	27°48	26°34	27°55	28°20	F 15
S 16	9 43 4	26°59'54	11♎29	11°43	13°25	22°35	10°16	23°42	5°28	26°43	4°48	27°40	26°31	28° 1	28°18	S 16
S 17	9 47 1	28° 0'33	26°10	13°18	14°20	23°22	10°31	23°40	5°30	26°45	4°46	27°34	26°28	28° 8	28°17	S 17
M18	9 50 57	29° 1'10	10♏28	14°54	15°14	24° 8	10°45	23°39	5°32	26°47	4°45	27°30	26°25	28°15	28°16	M18
T 19	9 54 54	0♓ 1'46	24°22	16°31	16° 8	24°55	10°59	23°37	5°34	26°49	4°44	27°D29	26°21	28°21	28°15	T 19
W20	9 58 50	1° 2'20	7♐53	18° 8	17° 1	25°42	11°14	23°35	5°36	26°52	4°43	27°29	26°18	28°28	28°14	W20
T 21	10 2 47	2° 2'54	21° 1	19°46	17°53	26°28	11°28	23°33	5°37	26°54	4°42	27°R29	26°15	28°35	28°13	T 21
F 22	10 6 43	3° 3'26	3♑52	21°25	18°44	27°15	11°42	23°31	5°39	26°56	4°40	27°29	26°12	28°42	28°12	F 22
S 23	10 10 40	4° 3'58	16°27	23° 6	19°35	28° 2	11°57	23°29	5°41	26°58	4°39	27°27	26° 9	28°48	28°11	S 23
S 24	10 14 36	5° 4'27	28°51	24°47	20°25	28°48	12°11	23°27	5°43	27° 0	4°38	27°23	26° 5	28°55	28°10	S 24
M25	10 18 33	6° 4'56	11♒ 6	26°29	21°14	29°35	12°26	23°24	5°45	27° 2	4°37	27°16	26° 2	29° 2	28° 9	M25
T 26	10 22 30	7° 5'23	23°13	28°12	22° 2	0♈21	12°40	23°22	5°48	27° 4	4°36	27° 6	25°59	29° 9	28° 9	T 26
W27	10 26 26	8° 5'48	5♓14	29°55	22°49	1° 8	12°55	23°20	5°50	27° 6	4°35	26°53	25°56	29°15	28° 8	W27
T 28	10 30 23	9° 6'11	17°11	1♓40	23°36	1°54	13° 9	23°17	5°52	27° 9	4°34	26°40	25°53	29°22	28° 8	T 28
F 29	10 34 19	10♓ 6'33	29♓ 5	3♓26	24♈21	2♈41	13♓24	23♎14	5♉54	27♓11	4♌33	26♊25	25♊50	29♓29	28♊ 8	F 29

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	17s14	8s26	5s 5	22s12	0s14	0s12	0n23	8s20	0s55	9s54	0s57	6s53	2n33	12n47	0s28	2s35	1s11	22n45	3n54	23n25	23n23	6s10	16n58	6s27	F 1
S 2	16 57	3 45	5 7	22 8	0 22	0n19	0 29	8 2	0 54	9 49	0 57	6 52	2 34	12 47	0 28	2 34	1 11	22 45	3 54	23 24	23 23	6 8	16 58	6 27	S 2
S 3	16 40	1n 3	4 57	22 2	0 30	0 49	0 35	7 43	0 53	9 44	0 57	6 52	2 34	12 48	0 28	2 33	1 11	22 46	3 54	23 24	23 23	6 5	16 58	6 26	S 3
M 4	16 22	5 50	4 33	21 55	0 37	1 19	0 41	7 25	0 53	9 39	0 57	6 52	2 34	12 48	0 28	2 32	1 11	22 46	3 54	23 24	23 23	6 2	16 58	6 26	M 4
T 5	16 4	10 27	3 57	21 48	0 45	1 49	0 47	7 6	0 52	9 33	0 57	6 51	2 34	12 49	0 28	2 32	1 11	22 46	3 54	23 24	23 23	6 0	16 59	6 26	T 5
W 6	15 46	14 45	3 10	21 38	0 52	2 19	0 54	6 47	0 52	9 28	0 57	6 51	2 35	12 49	0 28	2 31	1 11	22 47	3 54	23 24	23 23	5 57	16 59	6 25	W 6
T 7	15 27	18 30	2 14	21 28	0 58	2 49	1 0	6 29	0 51	9 23	0 57	6 51	2 35	12 49	0 28	2 30	1 11	22 47	3 54	23 24	23 23	5 54	16 59	6 25	T 7
F 8	15 9	21 30	1 8	21 16	1 5	3 18	1 7	6 10	0 50	9 18	0 57	6 50	2 35	12 50	0 28	2 29	1 11	22 47	3 54	23 24	23 23	5 52	17 0	6 25	F 8
S 9	14 50	23 27	0n 2	21 3	1 11	3 48	1 13	5 51	0 50	9 12	0 57	6 50	2 36	12 50	0 28	2 29	1 11	22 48	3 54	23 24	23 23	5 49	17 0	6 24	S 9
S 10	14 30	24 4	1 15	20 49	1 17	4 17	1 20	5 32	0 49	9 7	0 57	6 49	2 36	12 51	0 28	2 28	1 11	22 48	3 54	23 24	23 23	5 46	17 0	6 24	S 10
M11	14 11	23 11	2 26	20 34	1 23	4 47	1 27	5 13	0 49	9 2	0 57	6 48	2 36	12 51	0 27	2 27	1 11	22 49	3 54	23 24	23 23	5 44	17 1	6 24	M11
T 12	13 51	20 43	3 29	20 17	1 28	5 16	1 34	4 54	0 48	8 56	0 57	6 48	2 36	12 52	0 27	2 26	1 11	22 49	3 54	23 24	23 22	5 41	17 1	6 23	T 12
W13	13 31	16 49	4 19	19 59	1 33	5 45	1 41	4 35	0 47	8 51	0 57	6 47	2 37	12 52	0 27	2 26	1 11	22 49	3 54	23 24	23 22	5 38	17 1	6 23	W13
T 14	13 11	11 47	4 52	19 40	1 38	6 13	1 48	4 16	0 47	8 46	0 57	6 47	2 37	12 53	0 27	2 25	1 11	22 50	3 54	23 24	23 22	5 36	17 2	6 23	T 14
F 15	12 51	6 3	5 4	19 19	1 42	6 42	1 55	3 57	0 46	8 40	0 57	6 46	2 37	12 54	0 27	2 24	1 11	22 50	3 54	23 24	23 22	5 33	17 2	6 22	F 15
S 16	12 30	0 0	4 56	18 57	1 46	7 10	2 2	3 38	0 45	8 35	0 57	6 45	2 37	12 54	0 27	2 23	1 11	22 50	3 54	23 24	23 22	5 30	17 2	6 22	S 16
S 17	12 9	5s56	4 28	18 34	1 50	7 38	2 10	3 19	0 45	8 30	0 57	6 44	2 38	12 55	0 27	2 22	1 11	22 51	3 54	23 24	23 22	5 28	17 3	6 21	S 17
M18	11 48	11 24	3 43	18 9	1 53	8 6	2 17	3 0	0 44	8 24	0 57	6 43	2 38	12 55	0 27	2 21	1 11	22 51	3 55	23 23	23 22	5 25	17 3	6 21	M18
T 19	11 27	16 9	2 47	17 43	1 56	8 34	2 25	2 41	0 44	8 19	0 57	6 43	2 38	12 56	0 27	2 21	1 11	22 51	3 55	23 23	23 22	5 22	17 4	6 21	T 19
W20	11 6	19 55	1 43	17 16	1 59	9 1	2 32	2 22	0 43	8 13	0 57	6 42	2 38	12 57	0 27	2 20	1 11	22 52	3 55	23 23	23 22	5 20	17 4	6 20	W20
T 21	10 44	22 32	0 34	16 48	2 2	9 28	2 40	2 3	0 42	8 8	0 57	6 41	2 39	12 57	0 27	2 19	1 11	22 52	3 55	23 23	23 22	5 17	17 4	6 20	T 21
F 22	10 22	23 55	0s34	16 18	2 4	9 55	2 48	1 44	0 42	8 2	0 57	6 40	2 39	12 58	0 27	2 18	1 11	22 52	3 55	23 23	23 22	5 14	17 5	6 19	F 22
S 23	10 1	24 3	1 39	15 47	2 5	10 22	2 55	1 25	0 41	7 57	0 57	6 39	2 39	12 59	0 27	2 17	1 11	22 52	3 55	23 23	23 22	5 11	17 5	6 19	S 23
S 24	9 38	22 57	2 38	15 14	2 7	10 48	3 3	1 6	0 40	7 51	0 57	6 38	2 39	12 59	0 27	2 16	1 11	22 53	3 55	23 23	23 21	5 9	17 6	6 19	S 24
M25	9 16	20 47	3 29	14 40	2 7	11 14	3 11	0 46	0 40	7 46	0 57	6 37	2 40	13 0	0 27	2 16	1 11	22 53	3 55	23 23	23 21	5 6	17 6	6 18	M25
T 26	8 54	17 42	4 10	14 5	2 8	11 39	3 19	0 27	0 39	7 40	0 57	6 35	2 40	13 1	0 27	2 15	1 11	22 53	3 55	23 23	23 21	5 3	17 6	6 18	T 26
W27	8 32	13 55	4 40	13 29	2 8	12 4	3 27	0 8	0 38	7 35	0 57	6 34	2 40	13 2	0 27	2 14	1 11	22 54	3 55	23 23	23 21	5 1	17 7	6 17	W27
T 28	8 9	9 36	4 56	12 51	2 7	12 29	3 35	0n11	0 38	7 29	0 57	6 33	2 40	13 2	0 27	2 13	1 11	22 54	3 55	23 22	23 21	4 58	17 7	6 17	T 28
F 29	7s46	4s57	5s 0	12s12	2s 7	12n53	3n43	0n30	0s37	7s24	0s57	6s32	2n41	13n 3	0s27	2s12	1s11	22n54	3n55	23n22	23n21	4s55	17n 8	6s17	F 29

Julian Day Number = 2520241.5, Delta T = 151.80 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'07, Lahiri = 26°29'08

ASTRODIENST EPHEMERIS for the year 2188
geocentric

MARCH 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 38 16	11♓ 6'53	10♈56	5♓13	25♈ 6	3♈27	13♓38	23°R11	5♉56	27♓13	4°R32	26°R12	25♊46	29♓35	28°R 7	S 1
S 2	10 42 12	12° 7'11	22°48	7° 1	25°49	4°14	13°53	23♎ 9	5°59	27°15	4♌30	26♊ 1	25°43	29°42	28♊ 7	S 2
M 3	10 46 9	13° 7'27	4♉41	8°50	26°31	5° 0	14° 7	23° 6	6° 1	27°17	4°29	25°52	25°40	29°49	28°D 7	M 3
T 4	10 50 5	14° 7'42	16°41	10°40	27°12	5°46	14°22	23° 3	6° 3	27°20	4°28	25°47	25°37	29°56	28° 7	T 4
W 5	10 54 2	15° 7'54	28°50	12°30	27°52	6°32	14°36	23° 0	6° 6	27°22	4°27	25°44	25°34	0♈ 2	28° 7	W 5
T 6	10 57 58	16° 8'04	11♊13	14°22	28°31	7°19	14°51	22°56	6° 8	27°24	4°27	25°43	25°31	0° 9	28° 7	T 6
F 7	11 1 55	17° 8'13	23°56	16°15	29° 9	8° 5	15° 5	22°53	6°11	27°26	4°26	25°43	25°27	0°16	28° 8	F 7
S 8	11 5 52	18° 8'19	7♋ 3	18° 9	29°45	8°51	15°20	22°50	6°13	27°29	4°25	25°43	25°24	0°22	28° 8	S 8
S 9	11 9 48	19° 8'23	20°38	20° 3	0♉20	9°37	15°34	22°46	6°16	27°31	4°24	25°41	25°21	0°29	28° 8	S 9
M10	11 13 45	20° 8'25	4♌42	21°59	0°53	10°23	15°49	22°43	6°19	27°33	4°23	25°37	25°18	0°36	28° 9	M10
T 11	11 17 41	21° 8'25	19°17	23°55	1°25	11° 9	16° 3	22°39	6°21	27°35	4°22	25°30	25°15	0°43	28° 9	T 11
W12	11 21 38	22° 8'23	4♍16	25°52	1°55	11°55	16°18	22°36	6°24	27°38	4°21	25°20	25°11	0°49	28°10	W12
T 13	11 25 34	23° 8'18	19°32	27°50	2°24	12°41	16°32	22°32	6°27	27°40	4°20	25° 9	25° 8	0°56	28°11	T 13
F 14	11 29 31	24° 8'12	4♎54	29°47	2°51	13°27	16°47	22°28	6°29	27°42	4°19	24°58	25° 5	1° 3	28°12	F 14
S 15	11 33 27	25° 8'04	20° 9	1♈45	3°16	14°13	17° 1	22°24	6°32	27°45	4°19	24°47	25° 2	1°10	28°13	S 15
S 16	11 37 24	26° 7'54	5♏ 9	3°44	3°40	14°59	17°16	22°21	6°35	27°47	4°18	24°39	24°59	1°16	28°14	S 16
M17	11 41 21	27° 7'42	19°43	5°42	4° 2	15°44	17°30	22°17	6°38	27°49	4°17	24°33	24°56	1°23	28°15	M17
T 18	11 45 17	28° 7'29	3♐50	7°39	4°22	16°30	17°44	22°13	6°41	27°51	4°16	24°30	24°52	1°30	28°16	T 18
W19	11 49 14	29° 7'14	17°28	9°36	4°40	17°16	17°59	22° 9	6°43	27°54	4°16	24°29	24°49	1°36	28°17	W19
T 20	11 53 10	0♈ 6'57	0♑39	11°31	4°56	18° 1	18°13	22° 5	6°46	27°56	4°15	24°29	24°46	1°43	28°18	T 20
F 21	11 57 7	1° 6'39	13°27	13°26	5° 9	18°47	18°28	22° 0	6°49	27°58	4°14	24°29	24°43	1°50	28°20	F 21
S 22	12 1 3	2° 6'19	25°57	15°18	5°21	19°33	18°42	21°56	6°52	28° 0	4°14	24°27	24°40	1°57	28°21	S 22
S 23	12 5 0	3° 5'57	8♒13	17° 8	5°31	20°18	18°56	21°52	6°55	28° 3	4°13	24°23	24°36	2° 3	28°23	S 23
M24	12 8 56	4° 5'34	20°19	18°55	5°38	21° 4	19°10	21°48	6°58	28° 5	4°13	24°15	24°33	2°10	28°25	M24
T 25	12 12 53	5° 5'08	2♓17	20°39	5°43	21°49	19°25	21°43	7° 1	28° 7	4°12	24° 5	24°30	2°17	28°26	T 25
W26	12 16 50	6° 4'41	14°12	22°20	5°45	22°34	19°39	21°39	7° 4	28°10	4°12	23°53	24°27	2°23	28°28	W26
T 27	12 20 46	7° 4'12	26° 4	23°56	5°R46	23°20	19°53	21°35	7° 7	28°12	4°11	23°39	24°24	2°30	28°30	T 27
F 28	12 24 43	8° 3'40	7♈56	25°28	5°43	24° 5	20° 7	21°30	7°10	28°14	4°10	23°25	24°21	2°37	28°32	F 28
S 29	12 28 39	9° 3'07	19°49	26°55	5°39	24°50	20°21	21°26	7°14	28°16	4°10	23°11	24°17	2°44	28°34	S 29
S 30	12 32 36	10° 2'32	1♉43	28°17	5°32	25°35	20°36	21°21	7°17	28°19	4°10	23° 0	24°14	2°50	28°36	S 30
M31	12 36 32	11♈ 1'54	13♉42	29♈33	5♉22	26♈21	20♓50	21♎17	7♉20	28♓21	4♌ 9	22♊51	24♊11	2♈57	28♊38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7s23	0s 8	4s51	11s32	2s 5	13n17	3n51	0n49	0s36	7s18	0s57	6s31	2n41	13n 4	0s27	2s11	1s11	22n54	3n55	23n22	23n21	4s52	17n 8	6s16	S 1
S 2	7 1	4n42	4 29	10 50	2 3	13 41	4 0	1 8	0 36	7 13	0 57	6 30	2 41	13 5	0 27	2 10	1 11	22 55	3 55	23 21	23 21	4 50	17 8	6 16	S 2
M 3	6 37	9 23	3 55	10 7	2 1	14 4	4 8	1 27	0 35	7 7	0 57	6 28	2 41	13 5	0 27	2 9	1 11	22 55	3 55	23 21	23 21	4 47	17 9	6 15	M 3
T 4	6 14	13 45	3 11	9 23	1 58	14 27	4 16	1 46	0 35	7 2	0 57	6 27	2 41	13 6	0 27	2 9	1 11	22 55	3 55	23 21	23 21	4 44	17 9	6 15	T 4
W 5	5 51	17 39	2 17	8 38	1 55	14 49	4 24	2 5	0 34	6 56	0 57	6 26	2 42	13 7	0 27	2 8	1 11	22 55	3 55	23 21	23 20	4 41	17 10	6 14	W 5
T 6	5 28	20 51	1 16	7 51	1 51	15 11	4 32	2 23	0 33	6 51	0 57	6 24	2 42	13 8	0 27	2 7	1 11	22 56	3 55	23 21	23 20	4 39	17 10	6 14	T 6
F 7	5 5	23 7	0 9	7 4	1 47	15 32	4 41	2 42	0 33	6 45	0 57	6 23	2 42	13 9	0 27	2 6	1 11	22 56	3 55	23 21	23 20	4 36	17 11	6 14	F 7
S 8	4 41	24 13	1n 0	6 15	1 42	15 52	4 49	3 1	0 32	6 39	0 57	6 21	2 42	13 10	0 27	2 5	1 11	22 56	3 55	23 21	23 20	4 33	17 11	6 13	S 8
S 9	4 18	23 56	2 8	5 25	1 37	16 13	4 57	3 20	0 31	6 34	0 57	6 20	2 42	13 10	0 27	2 4	1 11	22 56	3 55	23 21	23 20	4 31	17 12	6 13	S 9
M10	3 54	22 9	3 10	4 34	1 31	16 32	5 5	3 38	0 31	6 28	0 57	6 19	2 43	13 11	0 27	2 3	1 11	22 57	3 55	23 21	23 20	4 28	17 12	6 12	M10
T 11	3 31	18 52	4 3	3 42	1 24	16 51	5 14	3 57	0 30	6 23	0 57	6 17	2 43	13 12	0 27	2 2	1 11	22 57	3 55	23 20	23 20	4 25	17 12	6 12	T 11
W12	3 7	14 17	4 40	2 49	1 17	17 9	5 22	4 16	0 29	6 17	0 58	6 16	2 43	13 13	0 27	2 1	1 11	22 57	3 55	23 20	23 20	4 22	17 13	6 11	W12
T 13	2 43	8 43	4 58	1 55	1 9	17 27	5 30	4 34	0 28	6 12	0 58	6 14	2 43	13 14	0 27	2 0	1 11	22 57	3 55	23 20	23 20	4 20	17 13	6 11	T 13
F 14	2 20	2 35	4 56	1 1	1 1	17 44	5 38	4 53	0 28	6 6	0 58	6 13	2 43	13 15	0 27	2 0	1 11	22 57	3 55	23 19	23 19	4 17	17 14	6 10	F 14
S 15	1 56	3s41	4 31	0 6	0 52	18 0	5 46	5 11	0 27	6 0	0 58	6 11	2 43	13 16	0 27	1 59	1 11	22 58	3 55	23 19	23 19	4 14	17 14	6 10	S 15
S 16	1 32	9 37	3 49	0n49	0 43	18 16	5 54	5 29	0 26	5 55	0 58	6 9	2 44	13 17	0 27	1 58	1 11	22 58	3 55	23 18	23 19	4 11	17 15	6 10	S 16
M17	1 8	14 53	2 52	1 45	0 33	18 30	6 1	5 47	0 26	5 49	0 58	6 8	2 44	13 18	0 27	1 57	1 11	22 58	3 55	23 18	23 19	4 9	17 15	6 9	M17
T 18	0 45	19 9	1 47	2 41	0 23	18 44	6 9	6 6	0 25	5 44	0 58	6 6	2 44	13 19	0 27	1 56	1 11	22 58	3 55	23 18	23 19	4 6	17 16	6 9	T 18
W19	0 21	22 13	0 37	3 37	0 12	18 58	6 16	6 24	0 24	5 38	0 58	6 5	2 44	13 20	0 27	1 55	1 11	22 58	3 55	23 18	23 19	4 3	17 16	6 8	W19
T 20	0n 3	23 57	0s33	4 33	0 1	19 10	6 24	6 42	0 24	5 33	0 58	6 3	2 44	13 21	0 27	1 54	1 11	22 58	3 55	23 18	23 19	4 0	17 16	6 8	T 20
F 21	0 26	24 22	1 38	5 28	0n11	19 21	6 31	7 0	0 23	5 27	0 58	6 1	2 44	13 22	0 26	1 53	1 11	22 59	3 55	23 18	23 19	3 57	17 17	6 7	F 21
S 22	0 50	23 31	2 38	6 22	0 23	19 32	6 38	7 18	0 22	5 22	0 58	6 0	2 44	13 23	0 26	1 52	1 11	22 59	3 55	23 18	23 18	3 55	17 17	6 7	S 22
S 23	1 14	21 33	3 29	7 16	0 35	19 41	6 44	7 35	0 22	5 16	0 58	5 58	2 44	13 24	0 26	1 52	1 11	22 59	3 55	23 18	23 18	3 52	17 18	6 7	S 23
M24	1 38	18 39	4 10	8 8	0 47	19 50	6 51	7 53	0 21	5 11	0 58	5 56	2 45	13 25	0 26	1 51	1 11	22 59	3 55	23 17	23 18	3 49	17 18	6 6	M24
T 25	2 1	14 59	4 39	8 59	1 0	19 57	6 57	8 11	0 20	5 5	0 58	5 55	2 45	13 26	0 26	1 50	1 11	22 59	3 55	23 17	23 18	3 46	17 19	6 6	T 25
W26	2 25	10 45	4 56	9 48	1 12	20 3	7 2	8 28	0 20	5 0	0 59	5 53	2 45	13 27	0 26	1 49	1 11	22 59	3 55	23 16	23 18	3 44	17 19	6 5	W26
T 27	2 48	6 8	5 0	10 35	1 24	20 9	7 8	8 46	0 19	4 54	0 59	5 51	2 45	13 28	0 26	1 48	1 11	22 59	3 55	23 16	23 18	3 41	17 20	6 5	T 27
F 28	3 12	1 18	4 51	11 20	1 36	20 13	7 13	9 3	0 18	4 49	0 59	5 49	2 45	13 29	0 26	1 47	1 11	22 59	3 54	23 15	23 18	3 38	17 20	6 4	F 28
S 29	3 35	3n35	4 29	12 3	1 48	20 15	7 18	9 20	0 18	4 43	0 59	5 48	2 45	13 30	0 26	1 46	1 11	22 59	3 54	23 14	23 18	3 35	17 20	6 4	S 29
S 30	3 58	8 23	3 55	12 43	1 59	20 17	7 22	9 37	0 17	4 38	0 59	5 46	2 45	13 31	0 26	1 45	1 11	23 0	3 54	23 14	23 17	3 32	17 21	6 4	S 30
M31	4n22	12n54	3s11	13n20	2n10	20n17	7n25	9n54	0s16	4s32	0s59	5s44	2n45	13n32	0s26	1s44	1s11	23n 0	3n54	23n13	23n17	3s30	17n21	6s 3	M31

Julian Day Number = 2520270.5, Delta T = 151.87 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'11, Lahiri = 26°29'12

ASTRODIENST EPHEMERIS for the year 2188
geocentric

APRIL 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 40 29	12♈ 1'14	25♉46	0♉43	5°R10	27♈ 6	21♓ 4	21°R12	7♉23	28♓23	4°R 9	22°R45	24♊ 8	3♈ 4	28♊41	T 1
W 2	12 44 25	13° 0'33	8♊ 0	1°47	4♉55	27°51	21°18	21♎ 8	7°26	28°25	4♌ 8	22♊42	24° 5	3°11	28°43	W 2
T 3	12 48 22	13°59'49	20°26	2°45	4°38	28°36	21°32	21° 3	7°29	28°27	4° 8	22°D41	24° 2	3°17	28°45	T 3
F 4	12 52 19	14°59'02	3♋ 8	3°36	4°19	29°21	21°46	20°58	7°33	28°30	4° 8	22°41	23°58	3°24	28°48	F 4
S 5	12 56 15	15°58'14	16°11	4°20	3°57	0♉ 6	21°59	20°54	7°36	28°32	4° 7	22°R42	23°55	3°31	28°50	S 5
S 6	13 0 12	16°57'23	29°38	4°57	3°33	0°51	22°13	20°49	7°39	28°34	4° 7	22°41	23°52	3°37	28°53	S 6
M 7	13 4 8	17°56'29	13♌32	5°27	3° 7	1°35	22°27	20°45	7°43	28°36	4° 7	22°38	23°49	3°44	28°56	M 7
T 8	13 8 5	18°55'34	27°53	5°50	2°39	2°20	22°41	20°40	7°46	28°38	4° 7	22°33	23°46	3°51	28°58	T 8
W 9	13 12 1	19°54'36	12♍40	6° 6	2° 9	3° 5	22°55	20°35	7°49	28°41	4° 7	22°26	23°42	3°58	29° 1	W 9
T 10	13 15 58	20°53'35	27°46	6°16	1°37	3°49	23° 8	20°31	7°53	28°43	4° 6	22°17	23°39	4° 4	29° 4	T 10
F 11	13 19 54	21°52'33	13♎ 3	6°R18	1° 4	4°34	23°22	20°26	7°56	28°45	4° 6	22° 8	23°36	4°11	29° 7	F 11
S 12	13 23 51	22°51'28	28°18	6°14	0°29	5°19	23°36	20°21	7°59	28°47	4° 6	22° 0	23°33	4°18	29°10	S 12
S 13	13 27 47	23°50'22	13♏22	6° 4	29♈53	6° 3	23°49	20°17	8° 3	28°49	4° 6	21°53	23°30	4°24	29°13	S 13
M14	13 31 44	24°49'14	28° 5	5°47	29°17	6°48	24° 3	20°12	8° 6	28°51	4° 6	21°48	23°27	4°31	29°17	M14
T 15	13 35 41	25°48'04	12♐21	5°25	28°39	7°32	24°16	20° 7	8° 9	28°53	4° 6	21°46	23°23	4°38	29°20	T 15
W16	13 39 37	26°46'52	26° 9	4°58	28° 2	8°16	24°29	20° 3	8°13	28°55	4°D 6	21°D46	23°20	4°45	29°23	W16
T 17	13 43 34	27°45'38	9♑28	4°27	27°24	9° 1	24°43	19°58	8°16	28°57	4° 6	21°46	23°17	4°51	29°27	T 17
F 18	13 47 30	28°44'23	22°22	3°52	26°46	9°45	24°56	19°54	8°20	28°59	4° 6	21°47	23°14	4°58	29°30	F 18
S 19	13 51 27	29°43'06	4♒55	3°13	26° 8	10°29	25° 9	19°49	8°23	29° 1	4° 6	21°R47	23°11	5° 5	29°34	S 19
S 20	13 55 23	0♉41'48	17°11	2°33	25°32	11°13	25°22	19°45	8°26	29° 4	4° 6	21°46	23° 8	5°12	29°37	S 20
M21	13 59 20	1°40'27	29°14	1°51	24°56	11°58	25°35	19°40	8°30	29° 6	4° 6	21°42	23° 4	5°18	29°41	M21
T 22	14 3 17	2°39'05	11♓10	1° 8	24°21	12°42	25°48	19°36	8°33	29° 7	4° 6	21°36	23° 1	5°25	29°44	T 22
W23	14 7 13	3°37'41	23° 2	0°26	23°47	13°26	26° 1	19°31	8°37	29° 9	4° 7	21°29	22°58	5°32	29°48	W23
T 24	14 11 10	4°36'16	4♈53	29♈44	23°15	14°10	26°14	19°27	8°40	29°11	4° 7	21°20	22°55	5°38	29°52	T 24
F 25	14 15 6	5°34'48	16°46	29° 4	22°45	14°54	26°27	19°22	8°44	29°13	4° 7	21°11	22°52	5°45	29°56	F 25
S 26	14 19 3	6°33'19	28°42	28°26	22°16	15°37	26°40	19°18	8°47	29°15	4° 7	21° 3	22°48	5°52	29°59	S 26
S 27	14 22 59	7°31'48	10♉43	27°51	21°49	16°21	26°53	19°14	8°50	29°17	4° 8	20°56	22°45	5°59	0♋ 4	S 27
M28	14 26 56	8°30'15	22°50	27°19	21°24	17° 5	27° 5	19° 9	8°54	29°19	4° 8	20°50	22°42	6° 5	0° 8	M28
T 29	14 30 52	9°28'41	5♊ 6	26°51	21° 2	17°49	27°18	19° 5	8°57	29°21	4° 8	20°47	22°39	6°12	0°12	T 29
W30	14 34 49	10♉27'04	17♊31	26♈28	20♈42	18♉32	27♓30	19♎ 1	9♉ 1	29♓23	4♌ 9	20°D46	22♊36	6♈19	0♋16	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	4n45	16n57	2s18	13n54	2n21	20n16	7n28	10n11	0s16	4s27	0s59	5s42	2n45	13n33	0s26	1s44	1s11	23n 0	3n54	23n13	23n17	3s27	17n22	6s 3
W 2	5 8	20 21	1 17	14 26	2 30	20 13	7 31	10 28	0 15	4 21	0 59	5 41	2 45	13 34	0 26	1 43	1 11	23 0	3 54	23 13	23 17	3 24	17 22	6 2
T 3	5 31	22 52	0 12	14 54	2 39	20 9	7 33	10 44	0 14	4 16	0 59	5 39	2 45	13 35	0 26	1 42	1 11	23 0	3 54	23 13	23 17	3 21	17 23	6 2
F 4	5 54	24 18	0n55	15 19	2 47	20 4	7 34	11 1	0 14	4 10	0 59	5 37	2 45	13 36	0 26	1 41	1 11	23 0	3 54	23 13	23 17	3 19	17 23	6 2
S 5	6 17	24 27	2 2	15 40	2 53	19 57	7 35	11 17	0 13	4 5	1 0	5 35	2 45	13 37	0 26	1 40	1 11	23 0	3 54	23 13	23 17	3 16	17 23	6 1
S 6	6 39	23 12	3 3	15 58	2 59	19 48	7 35	11 34	0 12	4 0	1 0	5 34	2 46	13 38	0 26	1 39	1 11	23 0	3 54	23 13	23 16	3 13	17 24	6 1
M 7	7 2	20 31	3 56	16 13	3 4	19 38	7 34	11 50	0 12	3 54	1 0	5 32	2 46	13 39	0 26	1 38	1 11	23 0	3 54	23 13	23 16	3 10	17 24	6 0
T 8	7 24	16 31	4 36	16 24	3 7	19 27	7 32	12 6	0 11	3 49	1 0	5 30	2 46	13 40	0 26	1 38	1 11	23 0	3 54	23 12	23 16	3 7	17 25	6 0
W 9	7 47	11 24	4 59	16 31	3 10	19 14	7 30	12 22	0 10	3 44	1 0	5 28	2 46	13 41	0 26	1 37	1 11	23 0	3 54	23 12	23 16	3 5	17 25	6 0
T 10	8 9	5 30	5 2	16 35	3 10	19 0	7 27	12 38	0 10	3 38	1 0	5 27	2 46	13 43	0 26	1 36	1 11	23 0	3 54	23 11	23 16	3 2	17 25	5 59
F 11	8 31	0s47	4 44	16 35	3 10	18 44	7 23	12 53	0 9	3 33	1 0	5 25	2 46	13 44	0 26	1 35	1 11	23 0	3 54	23 11	23 16	2 59	17 26	5 59
S 12	8 53	7 2	4 5	16 32	3 7	18 27	7 18	13 9	0 8	3 28	1 0	5 23	2 46	13 45	0 26	1 34	1 11	23 0	3 54	23 10	23 15	2 56	17 26	5 59
S 13	9 15	12 49	3 10	16 25	3 4	18 9	7 12	13 24	0 8	3 23	1 0	5 21	2 46	13 46	0 26	1 33	1 11	23 0	3 54	23 10	23 15	2 53	17 27	5 58
M14	9 36	17 43	2 3	16 15	2 59	17 49	7 5	13 40	0 7	3 17	1 1	5 20	2 46	13 47	0 26	1 33	1 11	23 0	3 54	23 10	23 15	2 51	17 27	5 58
T 15	9 58	21 25	0 50	16 1	2 52	17 29	6 58	13 55	0 6	3 12	1 1	5 18	2 46	13 48	0 26	1 32	1 11	23 0	3 54	23 10	23 15	2 48	17 27	5 57
W16	10 19	23 45	0s24	15 44	2 44	17 8	6 50	14 10	0 6	3 7	1 1	5 16	2 46	13 49	0 26	1 31	1 11	23 0	3 54	23 10	23 15	2 45	17 28	5 57
T 17	10 40	24 38	1 34	15 24	2 34	16 45	6 41	14 24	0 5	3 2	1 1	5 15	2 46	13 50	0 26	1 30	1 11	23 0	3 54	23 10	23 15	2 42	17 28	5 57
F 18	11 1	24 8	2 37	15 2	2 23	16 23	6 31	14 39	0 4	2 57	1 1	5 13	2 46	13 51	0 26	1 29	1 11	23 0	3 54	23 10	23 15	2 39	17 28	5 56
S 19	11 22	22 25	3 30	14 37	2 11	15 59	6 20	14 54	0 4	2 52	1 1	5 11	2 45	13 52	0 26	1 29	1 11	23 0	3 54	23 10	23 14	2 36	17 29	5 56
S 20	11 42	19 41	4 13	14 11	1 57	15 35	6 9	15 8	0 3	2 47	1 1	5 10	2 45	13 54	0 26	1 28	1 11	23 0	3 54	23 10	23 14	2 34	17 29	5 56
M21	12 3	16 9	4 44	13 43	1 43	15 11	5 58	15 22	0 2	2 41	1 1	5 8	2 45	13 55	0 26	1 27	1 11	23 0	3 54	23 9	23 14	2 31	17 29	5 55
T 22	12 23	12 1	5 2	13 13	1 27	14 47	5 45	15 36	0 2	2 36	1 2	5 6	2 45	13 56	0 26	1 26	1 11	23 0	3 54	23 9	23 14	2 28	17 30	5 55
W23	12 43	7 27	5 7	12 43	1 11	14 22	5 33	15 50	0 1	2 31	1 2	5 5	2 45	13 57	0 26	1 26	1 11	22 59	3 54	23 9	23 14	2 25	17 30	5 55
T 24	13 3	2 38	4 58	12 13	0 55	13 58	5 20	16 4	0 0	2 26	1 2	5 3	2 45	13 58	0 26	1 25	1 11	22 59	3 54	23 8	23 14	2 22	17 30	5 54
F 25	13 22	2n19	4 37	11 43	0 38	13 34	5 6	16 18	0n 0	2 21	1 2	5 2	2 45	13 59	0 26	1 24	1 11	22 59	3 54	23 7	23 13	2 19	17 31	5 54
S 26	13 41	7 12	4 4	11 14	0 21	13 11	4 52	16 31	0 1	2 17	1 2	5 0	2 45	14 0	0 26	1 23	1 11	22 59	3 54	23 7	23 13	2 17	17 31	5 54
S 27	14 1	11 52	3 19	10 45	0 4	12 48	4 38	16 44	0 2	2 12	1 2	4 58	2 45	14 1	0 26	1 23	1 11	22 59	3 54	23 6	23 13	2 14	17 31	5 54
M28	14 19	16 7	2 25	10 18	0s13	12 25	4 24	16 57	0 2	2 7	1 2	4 57	2 45	14 2	0 26	1 22	1 12	22 59	3 54	23 6	23 13	2 11	17 32	5 53
T 29	14 38	19 45	1 24	9 53	0 30	12 3	4 10	17 10	0 3	2 2	1 3	4 55	2 45	14 4	0 26	1 21	1 12	22 59	3 53	23 6	23 13	2 8	17 32	5 53
W30	14n56	22n32	0s18	9n29	0s46	11n42	3n56	17n23	0n 4	1s57	1s 3	4s54	2n45	14n 5	0s26	1s21	1s12	22n59	3n53	23n 6	23n13	2s 5	17n32	5s53

Julian Day Number = 2520301.5, Delta T = 151.95 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'15, Lahiri = 26°29'16

ASTRODIENST EPHEMERIS for the year 2188
geocentric

MAY 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 45	11♉25'26	0♋ 9	26°R 8	20°R24	19♉16	27♓43	18°R57	9♉ 4	29♓25	4♌ 9	20♊46	22♊33	6♈25	0♋20	T 1
F 2	14 42 42	12°23'45	13° 0	25♈53	20♈ 8	20° 0	27°55	18♎53	9° 8	29°26	4° 9	20°47	22°29	6°32	0°24	F 2
S 3	14 46 39	13°22'03	26° 8	25°43	19°55	20°43	28° 7	18°49	9°11	29°28	4°10	20°49	22°26	6°39	0°29	S 3
S 4	14 50 35	14°20'18	9♌35	25°38	19°44	21°27	28°20	18°45	9°15	29°30	4°10	20°R50	22°23	6°46	0°33	S 4
M 5	14 54 32	15°18'31	23°23	25°D38	19°36	22°10	28°32	18°41	9°18	29°32	4°11	20°50	22°20	6°52	0°38	M 5
T 6	14 58 28	16°16'42	7♍33	25°42	19°30	22°53	28°44	18°37	9°22	29°33	4°11	20°48	22°17	6°59	0°42	T 6
W 7	15 2 25	17°14'52	22° 2	25°52	19°26	23°37	28°56	18°33	9°25	29°35	4°12	20°45	22°13	7° 6	0°47	W 7
T 8	15 6 21	18°12'59	6♎48	26° 6	19°D25	24°20	29° 8	18°30	9°28	29°37	4°12	20°41	22°10	7°12	0°51	T 8
F 9	15 10 18	19°11'04	21°44	26°24	19°26	25° 3	29°19	18°26	9°32	29°38	4°13	20°36	22° 7	7°19	0°56	F 9
S 10	15 14 14	20° 9'07	6♏42	26°47	19°30	25°46	29°31	18°22	9°35	29°40	4°13	20°32	22° 4	7°26	1° 0	S 10
S 11	15 18 11	21° 7'09	21°33	27°14	19°35	26°29	29°43	18°19	9°39	29°41	4°14	20°29	22° 1	7°33	1° 5	S 11
M12	15 22 8	22° 5'10	6♐ 9	27°45	19°43	27°13	29°54	18°15	9°42	29°43	4°15	20°27	21°58	7°39	1°10	M12
T 13	15 26 4	23° 3'08	20°23	28°21	19°54	27°56	0♈ 6	18°12	9°45	29°45	4°15	20°D26	21°54	7°46	1°14	T 13
W14	15 30 1	24° 1'06	4♑14	29° 0	20° 6	28°38	0°17	18° 9	9°49	29°46	4°16	20°27	21°51	7°53	1°19	W14
T 15	15 33 57	24°59'02	17°38	29°43	20°20	29°21	0°28	18° 5	9°52	29°48	4°17	20°28	21°48	7°59	1°24	T 15
F 16	15 37 54	25°56'56	0♒38	0♑30	20°37	0♊ 4	0°39	18° 2	9°56	29°49	4°18	20°29	21°45	8° 6	1°29	F 16
S 17	15 41 50	26°54'50	13°16	1°20	20°55	0°47	0°50	17°59	9°59	29°51	4°18	20°31	21°42	8°13	1°34	S 17
S 18	15 45 47	27°52'42	25°35	2°13	21°15	1°30	1° 1	17°56	10° 2	29°52	4°19	20°R31	21°39	8°20	1°39	S 18
M19	15 49 44	28°50'33	7♓41	3°10	21°37	2°12	1°12	17°53	10° 6	29°53	4°20	20°31	21°35	8°26	1°44	M19
T 20	15 53 40	29°48'22	19°38	4°10	22° 1	2°55	1°23	17°50	10° 9	29°55	4°21	20°30	21°32	8°33	1°49	T 20
W21	15 57 37	0♊46'11	1♈31	5°13	22°26	3°38	1°34	17°47	10°12	29°56	4°22	20°28	21°29	8°40	1°54	W21
T 22	16 1 33	1°43'58	13°22	6°19	22°53	4°20	1°44	17°45	10°15	29°57	4°23	20°25	21°26	8°47	1°59	T 22
F 23	16 5 30	2°41'44	25°17	7°27	23°22	5° 3	1°55	17°42	10°19	29°59	4°23	20°22	21°23	8°53	2° 4	F 23
S 24	16 9 26	3°39'29	7♉18	8°39	23°52	5°45	2° 5	17°40	10°22	29°59	4°24	20°20	21°19	9° 0	2° 9	S 24
S 25	16 13 23	4°37'13	19°27	9°53	24°23	6°28	2°15	17°37	10°25	0♈ 1	4°25	20°17	21°16	9° 7	2°15	S 25
M26	16 17 19	5°34'56	1♊46	11°10	24°56	7°10	2°25	17°35	10°28	0° 2	4°26	20°16	21°13	9°13	2°20	M26
T 27	16 21 16	6°32'37	14°17	12°30	25°30	7°52	2°35	17°33	10°32	0° 3	4°27	20°D15	21°10	9°20	2°25	T 27
W28	16 25 12	7°30'17	27° 1	13°52	26° 5	8°35	2°45	17°30	10°35	0° 5	4°28	20°15	21° 7	9°27	2°31	W28
T 29	16 29 9	8°27'56	9♋57	15°16	26°42	9°17	2°55	17°28	10°38	0° 6	4°29	20°16	21° 4	9°34	2°36	T 29
F 30	16 33 6	9°25'34	23° 7	16°44	27°20	9°59	3° 5	17°26	10°41	0° 7	4°30	20°17	21° 0	9°40	2°41	F 30
S 31	16 37 2	10♊23'10	6♌31	18♉13	27♈59	10♊41	3♈14	17♎24	10♉44	0♈ 8	4♌31	20♊18	20♊57	9♈47	2♋47	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	15n15	24n16	0n51	9n 8	1s 1	11n22	3n41	17n36	0n 4	1s52	1s 3	4s52	2n45	14n 6	0s26	1s20	1s12	22n59	3n53	23n 6	23n12	2s 2	17n33	5s52
F 2	15 33	24 44	1 58	8 49	1 16	11 3	3 27	17 48	0 5	1 47	1 3	4 51	2 44	14 7	0 26	1 19	1 12	22 59	3 53	23 6	23 12	2 0	17 33	5 52
S 3	15 50	23 51	3 0	8 32	1 30	10 45	3 13	18 0	0 5	1 43	1 3	4 50	2 44	14 8	0 26	1 18	1 12	22 58	3 53	23 6	23 12	1 57	17 33	5 52
S 4	16 8	21 36	3 55	8 17	1 44	10 28	2 58	18 12	0 6	1 38	1 3	4 48	2 44	14 9	0 26	1 18	1 12	22 58	3 53	23 6	23 12	1 54	17 33	5 52
M 5	16 25	18 4	4 37	8 6	1 56	10 12	2 44	18 24	0 7	1 33	1 4	4 47	2 44	14 10	0 26	1 17	1 12	22 58	3 53	23 6	23 12	1 51	17 34	5 51
T 6	16 41	13 25	5 3	7 56	2 8	9 57	2 31	18 36	0 7	1 29	1 4	4 46	2 44	14 11	0 26	1 17	1 12	22 58	3 53	23 6	23 11	1 48	17 34	5 51
W 7	16 58	7 55	5 12	7 50	2 19	9 43	2 17	18 47	0 8	1 24	1 4	4 44	2 44	14 12	0 26	1 16	1 12	22 58	3 53	23 6	23 11	1 45	17 34	5 51
T 8	17 14	1 53	4 59	7 45	2 29	9 30	2 4	18 59	0 9	1 20	1 4	4 43	2 44	14 13	0 26	1 15	1 12	22 58	3 53	23 5	23 11	1 43	17 34	5 51
F 9	17 30	4s20	4 27	7 43	2 38	9 18	1 51	19 10	0 9	1 15	1 4	4 42	2 44	14 14	0 26	1 15	1 12	22 57	3 53	23 5	23 11	1 40	17 34	5 50
S 10	17 46	10 19	3 37	7 44	2 46	9 8	1 38	19 21	0 10	1 11	1 4	4 41	2 43	14 16	0 26	1 14	1 12	22 57	3 53	23 5	23 11	1 37	17 35	5 50
S 11	18 1	15 41	2 32	7 47	2 53	8 58	1 25	19 31	0 11	1 6	1 5	4 39	2 43	14 17	0 26	1 13	1 12	22 57	3 53	23 4	23 10	1 34	17 35	5 50
M12	18 16	20 2	1 18	7 52	2 59	8 50	1 13	19 42	0 11	1 2	1 5	4 38	2 43	14 18	0 26	1 13	1 12	22 57	3 53	23 4	23 10	1 31	17 35	5 50
T 13	18 31	23 4	0 0	8 0	3 5	8 43	1 1	19 52	0 12	0 57	1 5	4 37	2 43	14 19	0 26	1 12	1 12	22 57	3 53	23 4	23 10	1 28	17 35	5 49
W14	18 45	24 36	1s15	8 9	3 10	8 37	0 49	20 2	0 12	0 53	1 5	4 36	2 43	14 20	0 26	1 12	1 12	22 57	3 53	23 4	23 10	1 25	17 35	5 49
T 15	19 0	24 38	2 24	8 20	3 13	8 31	0 38	20 12	0 13	0 49	1 5	4 35	2 43	14 21	0 26	1 11	1 12	22 56	3 53	23 4	23 10	1 23	17 36	5 49
F 16	19 13	23 18	3 23	8 34	3 16	8 27	0 27	20 22	0 14	0 44	1 6	4 34	2 42	14 22	0 26	1 11	1 12	22 56	3 53	23 4	23 10	1 20	17 36	5 49
S 17	19 27	20 49	4 11	8 49	3 19	8 24	0 16	20 32	0 14	0 40	1 6	4 33	2 42	14 23	0 26	1 10	1 12	22 56	3 53	23 5	23 9	1 17	17 36	5 49
S 18	19 40	17 27	4 45	9 6	3 20	8 22	0 6	20 41	0 15	0 36	1 6	4 32	2 42	14 24	0 26	1 10	1 12	22 56	3 53	23 5	23 9	1 14	17 36	5 48
M19	19 53	13 25	5 7	9 24	3 21	8 21	0s 4	20 50	0 15	0 32	1 6	4 31	2 42	14 25	0 26	1 9	1 12	22 55	3 53	23 5	23 9	1 11	17 36	5 48
T 20	20 5	8 55	5 15	9 44	3 21	8 21	0 14	20 59	0 16	0 28	1 6	4 30	2 42	14 26	0 26	1 9	1 12	22 55	3 53	23 5	23 9	1 8	17 36	5 48
W21	20 17	4 7	5 9	10 6	3 20	8 22	0 23	21 8	0 17	0 24	1 7	4 29	2 41	14 27	0 26	1 8	1 12	22 55	3 53	23 4	23 9	1 5	17 36	5 48
T 22	20 29	0n49	4 50	10 29	3 19	8 23	0 32	21 16	0 17	0 20	1 7	4 28	2 41	14 28	0 26	1 8	1 12	22 55	3 53	23 4	23 8	1 3	17 36	5 48
F 23	20 41	5 46	4 18	10 53	3 17	8 26	0 41	21 25	0 18	0 16	1 7	4 27	2 41	14 29	0 26	1 7	1 12	22 55	3 53	23 4	23 8	1 0	17 36	5 48
S 24	20 52	10 32	3 35	11 18	3 14	8 29	0 49	21 33	0 18	0 12	1 7	4 27	2 41	14 30	0 26	1 7	1 13	22 54	3 53	23 4	23 8	0 57	17 37	5 47
S 25	21 2	14 59	2 42	11 45	3 10	8 33	0 57	21 41	0 19	0 8	1 7	4 26	2 41	14 31	0 26	1 6	1 13	22 54	3 53	23 4	23 8	0 54	17 37	5 47
M26	21 13	18 51	1 40	12 12	3 6	8 38	1 5	21 48	0 20	0 4	1 8	4 25	2 40	14 32	0 26	1 6	1 13	22 54	3 53	23 4	23 7	0 51	17 37	5 47
T 27	21 23	21 57	0 33	12 41	3 2	8 43	1 13	21 56	0 20	0 0	1 8	4 25	2 40	14 33	0 26	1 5	1 13	22 54	3 53	23 3	23 7	0 48	17 37	5 47
W28	21 32	24 0	0n37	13 10	2 57	8 49	1 20	22 3	0 21	0n 3	1 8	4 24	2 40	14 34	0 26	1 5	1 13	22 53	3 53	23 3	23 7	0 45	17 37	5 47
T 29	21 42	24 49	1 47	13 40	2 51	8 56	1 27	22 10	0 21	0 7	1 8	4 23	2 40	14 35	0 26	1 4	1 13	22 53	3 53	23 3	23 7	0 42	17 37	5 47
F 30	21 51	24 16	2 52	14 11	2 45	9 3	1 33	22 17	0 22	0 11	1 8	4 23	2 40	14 36	0 26	1 4	1 13	22 53	3 53	23 4	23 7	0 39	17 37	5 47
S 31	21n59	22n19	3n49	14n43	2s38	9n11	1s40	22n24	0n23	0n14	1s 9	4s22	2n39	14n37	0s26	1s 4	1s13	22n52	3n53	23n 4	23n 6	0s37	17n37	5s46

Julian Day Number = 2520331.5, Delta T = 152.02 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'20, Lahiri = 26°29'20

ASTRODIENST EPHEMERIS for the year 2188
geocentric

JUNE 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 59	11♊20'44	20♌ 9	19♉46	28♈38	11♊23	3♈24	17°R23	10♉47	0♈ 9	4♌33	20♊18	20♊54	9♈54	2♋52	S 1
M 2	16 44 55	12°18'18	4♍ 1	21°20	29°20	12° 5	3°33	17♎21	10°50	0°10	4°34	20°19	20°51	10° 0	2°57	M 2
T 3	16 48 52	13°15'50	18° 6	22°57	0♉ 2	12°47	3°42	17°19	10°53	0°11	4°35	20°R19	20°48	10° 7	3° 3	T 3
W 4	16 52 48	14°13'20	2♎23	24°37	0°44	13°29	3°51	17°18	10°56	0°12	4°36	20°19	20°45	10°14	3° 8	W 4
T 5	16 56 45	15°10'49	16°49	26°19	1°28	14°11	4° 0	17°16	10°59	0°13	4°37	20°18	20°41	10°21	3°14	T 5
F 6	17 0 42	16° 8'17	1♏20	28° 4	2°13	14°53	4° 9	17°15	11° 2	0°14	4°38	20°18	20°38	10°27	3°19	F 6
S 7	17 4 38	17° 5'43	15°51	29°50	2°59	15°34	4°17	17°14	11° 5	0°14	4°40	20°17	20°35	10°34	3°25	S 7
S 8	17 8 35	18° 3'09	0♐17	1♊40	3°45	16°16	4°26	17°13	11° 8	0°15	4°41	20°17	20°32	10°41	3°30	S 8
M 9	17 12 31	19° 0'34	14°33	3°31	4°33	16°58	4°34	17°12	11°11	0°16	4°42	20°D17	20°29	10°47	3°36	M 9
T 10	17 16 28	19°57'58	28°33	5°25	5°21	17°39	4°43	17°11	11°14	0°17	4°43	20°R17	20°25	10°54	3°42	T 10
W11	17 20 24	20°55'21	12♑14	7°22	6° 9	18°21	4°51	17°10	11°17	0°17	4°45	20°17	20°22	11° 1	3°47	W11
T 12	17 24 21	21°52'43	25°35	9°20	6°59	19° 3	4°59	17° 9	11°20	0°18	4°46	20°17	20°19	11° 8	3°53	T 12
F 13	17 28 17	22°50'04	8♒34	11°21	7°49	19°44	5° 7	17° 8	11°22	0°19	4°47	20°17	20°16	11°14	3°59	F 13
S 14	17 32 14	23°47'25	21°14	13°24	8°40	20°25	5°14	17° 8	11°25	0°19	4°48	20°16	20°13	11°21	4° 4	S 14
S 15	17 36 11	24°44'46	3♓36	15°28	9°32	21° 7	5°22	17° 7	11°28	0°20	4°50	20°16	20°10	11°28	4°10	S 15
M16	17 40 7	25°42'06	15°44	17°34	10°24	21°48	5°29	17° 7	11°31	0°21	4°51	20°16	20° 6	11°34	4°15	M16
T 17	17 44 4	26°39'25	27°43	19°42	11°16	22°30	5°37	17° 7	11°33	0°21	4°52	20°D15	20° 3	11°41	4°21	T 17
W18	17 48 0	27°36'44	9♈37	21°51	12°10	23°11	5°44	17° 7	11°36	0°22	4°54	20°16	20° 0	11°48	4°27	W18
T 19	17 51 57	28°34'03	21°29	24° 1	13° 4	23°52	5°51	17°D 7	11°39	0°22	4°55	20°16	19°57	11°55	4°33	T 19
F 20	17 55 53	29°31'21	3♉26	26°12	13°58	24°33	5°57	17° 7	11°41	0°22	4°57	20°17	19°54	12° 1	4°38	F 20
S 21	17 59 50	0♋28'39	15°31	28°24	14°53	25°14	6° 4	17° 7	11°44	0°23	4°58	20°18	19°51	12° 8	4°44	S 21
S 22	18 3 46	1°25'57	27°47	0♋36	15°48	25°55	6°11	17° 7	11°46	0°23	5° 0	20°19	19°47	12°15	4°50	S 22
M23	18 7 43	2°23'15	10♊17	2°47	16°44	26°36	6°17	17° 7	11°49	0°23	5° 1	20°20	19°44	12°21	4°55	M23
T 24	18 11 40	3°20'32	23° 3	4°59	17°40	27°17	6°23	17° 8	11°51	0°24	5° 2	20°R20	19°41	12°28	5° 1	T 24
W25	18 15 36	4°17'49	6♋ 7	7°10	18°37	27°58	6°29	17° 8	11°54	0°24	5° 4	20°19	19°38	12°35	5° 7	W25
T 26	18 19 33	5°15'05	19°26	9°20	19°34	28°39	6°35	17° 9	11°56	0°24	5° 5	20°18	19°35	12°42	5°13	T 26
F 27	18 23 29	6°12'21	3♌ 2	11°29	20°32	29°20	6°41	17°10	11°58	0°24	5° 7	20°16	19°31	12°48	5°18	F 27
S 28	18 27 26	7° 9'37	16°50	13°37	21°30	0♋ 1	6°46	17°11	12° 1	0°25	5° 8	20°14	19°28	12°55	5°24	S 28
S 29	18 31 22	8° 6'52	0♍49	15°43	22°28	0°42	6°52	17°12	12° 3	0°25	5°10	20°12	19°25	13° 2	5°30	S 29
M30	18 35 19	9♋ 4'06	14♍56	17♋48	23♉27	1♋22	6♈57	17♎13	12♉ 5	0♈25	5♌12	20♊10	19♊22	13♈ 8	5♋36	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n 7	19n 5	4n34	15n15	2s30	9n20	1s46	22n30	0n23	0n18	1s 9	4s22	2n39	14n38	0s26	1s 3	1s13	22n52	3n53	23n 4	23n 6	0s34	17n37	5s46	S 1
M 2	22 15	14 45	5 4	15 47	2 23	9 29	1 52	22 37	0 24	0 21	1 9	4 21	2 39	14 39	0 26	1 3	1 13	22 52	3 53	23 4	23 6	0 31	17 37	5 46	M 2
T 3	22 22	9 33	5 16	16 19	2 14	9 38	1 57	22 43	0 24	0 25	1 9	4 21	2 39	14 40	0 26	1 3	1 13	22 52	3 53	23 4	23 6	0 28	17 37	5 46	T 3
W 4	22 29	3 47	5 10	16 52	2 6	9 48	2 2	22 48	0 25	0 28	1 10	4 21	2 38	14 41	0 26	1 2	1 13	22 51	3 53	23 4	23 6	0 25	17 37	5 46	W 4
T 5	22 36	2s14	4 44	17 25	1 57	9 59	2 8	22 54	0 25	0 31	1 10	4 20	2 38	14 42	0 26	1 2	1 13	22 51	3 53	23 4	23 5	0 22	17 37	5 46	T 5
F 6	22 42	8 11	3 59	17 58	1 47	10 10	2 12	22 59	0 26	0 35	1 10	4 20	2 38	14 43	0 26	1 2	1 13	22 51	3 53	23 4	23 5	0 19	17 37	5 46	F 6
S 7	22 47	13 42	2 59	18 31	1 37	10 21	2 17	23 5	0 27	0 38	1 10	4 20	2 38	14 44	0 26	1 1	1 13	22 50	3 53	23 4	23 5	0 16	17 36	5 46	S 7
S 8	22 53	18 25	1 49	19 3	1 27	10 32	2 21	23 10	0 27	0 41	1 10	4 20	2 38	14 45	0 26	1 1	1 13	22 50	3 53	23 4	23 5	0 14	17 36	5 46	S 8
M 9	22 58	22 0	0 32	19 35	1 17	10 44	2 25	23 14	0 28	0 44	1 11	4 19	2 37	14 46	0 26	1 1	1 13	22 50	3 53	23 4	23 4	0 11	17 36	5 46	M 9
T 10	23 2	24 10	0s46	20 6	1 6	10 57	2 29	23 19	0 28	0 47	1 11	4 19	2 37	14 46	0 26	1 1	1 13	22 49	3 53	23 4	23 4	0 8	17 36	5 46	T 10
W11	23 6	24 49	1 59	20 36	0 55	11 9	2 33	23 23	0 29	0 50	1 11	4 19	2 37	14 47	0 26	1 0	1 13	22 49	3 53	23 4	23 4	0 5	17 36	5 46	W11
T 12	23 10	24 0	3 3	21 6	0 44	11 22	2 36	23 27	0 29	0 53	1 11	4 19	2 37	14 48	0 26	1 0	1 13	22 49	3 53	23 4	23 4	0 2	17 36	5 46	T 12
F 13	23 13	21 54	3 57	21 34	0 33	11 35	2 39	23 31	0 30	0 56	1 12	4 19	2 36	14 49	0 26	1 0	1 13	22 49	3 53	23 4	23 3	0n 1	17 36	5 46	F 13
S 14	23 16	18 47	4 37	22 1	0 22	11 49	2 42	23 35	0 31	0 59	1 12	4 19	2 36	14 50	0 26	1 0	1 14	22 48	3 53	23 4	23 3	0 4	17 36	5 46	S 14
S 15	23 19	14 53	5 4	22 26	0 11	12 2	2 45	23 38	0 31	1 1	1 12	4 19	2 36	14 51	0 26	1 0	1 14	22 48	3 53	23 3	23 3	0 7	17 36	5 46	S 15
M16	23 21	10 28	5 16	22 50	0 0	12 16	2 48	23 41	0 32	1 4	1 12	4 19	2 36	14 52	0 26	0 59	1 14	22 48	3 53	23 3	23 3	0 10	17 35	5 46	M16
T 17	23 22	5 43	5 14	23 11	0n11	12 30	2 50	23 44	0 32	1 7	1 13	4 19	2 35	14 52	0 26	0 59	1 14	22 47	3 53	23 3	23 3	0 13	17 35	5 46	T 17
W18	23 24	0 47	4 59	23 31	0 21	12 44	2 52	23 47	0 33	1 9	1 13	4 20	2 35	14 53	0 26	0 59	1 14	22 47	3 53	23 3	23 2	0 15	17 35	5 46	W18
T 19	23 24	4n11	4 31	23 48	0 31	12 58	2 54	23 50	0 33	1 12	1 13	4 20	2 35	14 54	0 26	0 59	1 14	22 47	3 53	23 4	23 2	0 18	17 35	5 46	T 19
F 20	23 25	9 1	3 51	24 3	0 41	13 13	2 56	23 52	0 34	1 14	1 14	4 20	2 35	14 55	0 26	0 59	1 14	22 46	3 53	23 4	23 2	0 21	17 35	5 46	F 20
S 21	23 25	13 35	3 1	24 15	0 50	13 27	2 58	23 54	0 34	1 17	1 14	4 20	2 34	14 55	0 26	0 59	1 14	22 46	3 53	23 4	23 2	0 24	17 34	5 46	S 21
S 22	23 24	17 40	2 2	24 24	0 59	13 41	2 59	23 56	0 35	1 19	1 14	4 21	2 34	14 56	0 26	0 59	1 14	22 46	3 53	23 4	23 1	0 27	17 34	5 46	S 22
M23	23 24	21 3	0 55	24 31	1 8	13 56	3 1	23 58	0 35	1 21	1 14	4 21	2 34	14 57	0 26	0 59	1 14	22 45	3 53	23 4	23 1	0 30	17 34	5 46	M23
T 24	23 22	23 29	0n15	24 35	1 15	14 11	3 2	23 59	0 36	1 23	1 15	4 21	2 33	14 58	0 26	0 58	1 14	22 45	3 53	23 4	23 1	0 33	17 34	5 46	T 24
W25	23 21	24 42	1 26	24 36	1 22	14 25	3 3	24 0	0 36	1 26	1 15	4 22	2 33	14 58	0 26	0 58	1 14	22 44	3 53	23 4	23 1	0 36	17 33	5 46	W25
T 26	23 19	24 33	2 34	24 34	1 29	14 40	3 4	24 1	0 37	1 28	1 15	4 22	2 33	14 59	0 26	0 58	1 14	22 44	3 53	23 4	23 0	0 39	17 33	5 46	T 26
F 27	23 16	22 56	3 34	24 29	1 35	14 54	3 4	24 2	0 37	1 30	1 15	4 23	2 33	15 0	0 26	0 58	1 14	22 44	3 53	23 4	23 0	0 42	17 33	5 46	F 27
S 28	23 13	19 57	4 23	24 22	1 39	15 9	3 5	24 3	0 38	1 32	1 16	4 23	2 32	15 1	0 26	0 58	1 14	22 43	3 53	23 3	23 0	0 45	17 33	5 46	S 28
S 29	23 10	15 48	4 57	24 12	1 44	15 23	3 5	24 3	0 39	1 33	1 16	4 24	2 32	15 1	0 26	0 58	1 14	22 43	3 53	23 3	23 0	0 48	17 32	5 46	S 29
M30	23n 6	10n45	5n14	24n 0	1n47	15n37	3s 5	24n 3	0n39	1n35	1s16	4s25	2n32	15n 2	0s26	0s58	1s14	22n43	3n53	23n 3	22n59	0n50	17n32	5s46	M30

Julian Day Number = 2520362.5, Delta T = 152.10 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'24, Lahiri = 26°29'24

ASTRODIENST EPHEMERIS for the year 2188
geocentric

JULY 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 39 15	10♋ 1'20	29♍ 7	19♋52	24♌26	2♋ 3	7♈ 2	17♎14	12♌ 7	0♈25	5♌13	20°R 9	19♊19	13♈15	5♋41	T 1
W 2	18 43 12	10°58'33	13♎21	21°53	25°25	2°44	7° 7	17°15	12° 9	0°R25	5°15	20°D 9	19°16	13°22	5°47	W 2
T 3	18 47 9	11°55'46	27°34	23°53	26°25	3°24	7°11	17°16	12°12	0°25	5°16	20♊ 9	19°12	13°29	5°53	T 3
F 4	18 51 5	12°52'58	11♏44	25°51	27°25	4° 5	7°16	17°18	12°14	0°25	5°18	20°10	19° 9	13°35	5°59	F 4
S 5	18 55 2	13°50'11	25°50	27°47	28°26	4°45	7°20	17°19	12°16	0°25	5°19	20°12	19° 6	13°42	6° 4	S 5
S 6	18 58 58	14°47'22	9♐49	29°41	29°26	5°26	7°24	17°21	12°18	0°25	5°21	20°13	19° 3	13°49	6°10	S 6
M 7	19 2 55	15°44'34	23°38	1♌32	0♊27	6° 6	7°28	17°23	12°20	0°25	5°23	20°R13	19° 0	13°55	6°16	M 7
T 8	19 6 51	16°41'46	7♑15	3°22	1°29	6°46	7°32	17°25	12°22	0°25	5°24	20°12	18°57	14° 2	6°21	T 8
W 9	19 10 48	17°38'57	20°38	5°10	2°30	7°27	7°36	17°27	12°23	0°24	5°26	20°10	18°53	14° 9	6°27	W 9
T 10	19 14 45	18°36'09	3♒46	6°56	3°32	8° 7	7°39	17°29	12°25	0°24	5°27	20° 6	18°50	14°16	6°33	T 10
F 11	19 18 41	19°33'20	16°37	8°40	4°34	8°47	7°43	17°31	12°27	0°24	5°29	20° 2	18°47	14°22	6°39	F 11
S 12	19 22 38	20°30'32	29°12	10°21	5°37	9°28	7°46	17°33	12°29	0°24	5°31	19°57	18°44	14°29	6°44	S 12
S 13	19 26 34	21°27'44	11♓33	12° 1	6°40	10° 8	7°49	17°35	12°31	0°23	5°32	19°52	18°41	14°36	6°50	S 13
M14	19 30 31	22°24'57	23°41	13°39	7°42	10°48	7°51	17°38	12°32	0°23	5°34	19°48	18°37	14°42	6°55	M14
T 15	19 34 27	23°22'10	5♈39	15°14	8°46	11°28	7°54	17°40	12°34	0°23	5°36	19°45	18°34	14°49	7° 1	T 15
W16	19 38 24	24°19'23	17°32	16°48	9°49	12° 8	7°56	17°43	12°35	0°22	5°37	19°44	18°31	14°56	7° 7	W16
T 17	19 42 20	25°16'37	29°25	18°19	10°53	12°48	7°58	17°45	12°37	0°22	5°39	19°D44	18°28	15° 2	7°12	T 17
F 18	19 46 17	26°13'52	11♉21	19°49	11°57	13°28	8° 0	17°48	12°39	0°21	5°41	19°44	18°25	15° 9	7°18	F 18
S 19	19 50 13	27°11'07	23°27	21°16	13° 1	14° 8	8° 2	17°51	12°40	0°21	5°42	19°46	18°22	15°16	7°23	S 19
S 20	19 54 10	28° 8'23	5♊46	22°41	14° 5	14°48	8° 3	17°54	12°41	0°20	5°44	19°47	18°18	15°23	7°29	S 20
M21	19 58 7	29° 5'39	18°23	24° 5	15°10	15°28	8° 5	17°57	12°43	0°20	5°46	19°R48	18°15	15°29	7°34	M21
T 22	20 2 3	0♌ 2'56	1♋21	25°26	16°14	16° 7	8° 6	18° 0	12°44	0°19	5°47	19°48	18°12	15°36	7°40	T 22
W23	20 6 0	1° 0'14	14°41	26°44	17°19	16°47	8° 7	18° 3	12°45	0°18	5°49	19°45	18° 9	15°43	7°45	W23
T 24	20 9 56	1°57'33	28°22	28° 1	18°24	17°27	8° 8	18° 7	12°47	0°18	5°51	19°41	18° 6	15°49	7°51	T 24
F 25	20 13 53	2°54'51	12♌23	29°15	19°30	18° 7	8° 8	18°10	12°48	0°17	5°52	19°35	18° 3	15°56	7°56	F 25
S 26	20 17 49	3°52'11	26°39	0♍27	20°35	18°46	8° 9	18°14	12°49	0°16	5°54	19°29	17°59	16° 3	8° 2	S 26
S 27	20 21 46	4°49'30	11♍ 5	1°36	21°41	19°26	8°R 9	18°17	12°50	0°16	5°56	19°22	17°56	16°10	8° 7	S 27
M28	20 25 43	5°46'51	25°34	2°43	22°47	20° 5	8° 9	18°21	12°51	0°15	5°58	19°16	17°53	16°16	8°12	M28
T 29	20 29 39	6°44'11	10♎ 1	3°47	23°53	20°45	8° 9	18°24	12°52	0°14	5°59	19°11	17°50	16°23	8°18	T 29
W30	20 33 36	7°41'32	24°22	4°49	24°59	21°24	8° 8	18°28	12°53	0°13	6° 1	19° 9	17°47	16°30	8°23	W30
T 31	20 37 32	8♌38'53	8♏33	5♍47	26♊ 5	22♋ 4	8♈ 8	18♎32	12♌54	0♈12	6♌ 3	19°D 8	17♊43	16♈36	8♋28	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 2	5n 6	5n11	23n45	1n50	15n52	3s 5	24n 3	0n40	1n37	1s17	4s25	2n32	15n 3	0s26	0s58	1s14	22n42	3n53	23n 3	22n59	0n53	17n32	5s46
W 2	22 58	0s49	4 50	23 29	1 52	16 6	3 5	24 3	0 40	1 39	1 17	4 26	2 31	15 3	0 26	0 58	1 14	22 42	3 53	23 3	22 59	0 56	17 31	5 46
T 3	22 53	6 42	4 10	23 10	1 53	16 20	3 5	24 3	0 41	1 40	1 17	4 27	2 31	15 4	0 26	0 58	1 14	22 42	3 53	23 3	22 59	0 59	17 31	5 46
F 4	22 48	12 14	3 16	22 49	1 53	16 34	3 5	24 2	0 41	1 42	1 17	4 28	2 31	15 5	0 26	0 58	1 14	22 41	3 53	23 3	22 58	1 2	17 31	5 47
S 5	22 42	17 5	2 10	22 26	1 53	16 48	3 4	24 1	0 42	1 43	1 18	4 28	2 31	15 5	0 26	0 59	1 15	22 41	3 53	23 3	22 58	1 5	17 30	5 47
S 6	22 36	20 58	0 57	22 2	1 52	17 1	3 4	24 0	0 42	1 45	1 18	4 29	2 30	15 6	0 26	0 59	1 15	22 41	3 53	23 3	22 58	1 8	17 30	5 47
M 7	22 29	23 34	0s19	21 36	1 51	17 15	3 3	23 59	0 43	1 46	1 18	4 30	2 30	15 6	0 26	0 59	1 15	22 40	3 53	23 3	22 58	1 11	17 29	5 47
T 8	22 22	24 45	1 32	21 8	1 48	17 28	3 2	23 57	0 43	1 47	1 19	4 31	2 30	15 7	0 26	0 59	1 15	22 40	3 53	23 3	22 57	1 14	17 29	5 47
W 9	22 15	24 27	2 39	20 40	1 46	17 41	3 1	23 56	0 44	1 48	1 19	4 32	2 30	15 7	0 26	0 59	1 15	22 39	3 53	23 3	22 57	1 17	17 29	5 47
T 10	22 7	22 47	3 36	20 10	1 42	17 54	3 0	23 54	0 44	1 49	1 19	4 33	2 29	15 8	0 26	0 59	1 15	22 39	3 53	23 3	22 57	1 20	17 28	5 47
F 11	21 59	19 59	4 21	19 39	1 38	18 6	2 59	23 52	0 44	1 50	1 19	4 34	2 29	15 9	0 26	0 59	1 15	22 39	3 53	23 2	22 57	1 23	17 28	5 48
S 12	21 51	16 17	4 52	19 8	1 34	18 18	2 57	23 50	0 45	1 51	1 20	4 35	2 29	15 9	0 26	0 59	1 15	22 38	3 53	23 2	22 56	1 26	17 27	5 48
S 13	21 42	11 59	5 9	18 35	1 28	18 30	2 56	23 47	0 45	1 52	1 20	4 36	2 29	15 10	0 26	1 0	1 15	22 38	3 53	23 2	22 56	1 28	17 27	5 48
M14	21 33	7 16	5 11	18 2	1 23	18 42	2 55	23 44	0 46	1 53	1 20	4 37	2 28	15 10	0 26	1 0	1 15	22 38	3 53	23 1	22 56	1 31	17 26	5 48
T 15	21 24	2 21	5 0	17 28	1 17	18 54	2 53	23 41	0 46	1 54	1 21	4 39	2 28	15 11	0 26	1 0	1 15	22 37	3 53	23 1	22 55	1 34	17 26	5 48
W16	21 14	2n37	4 36	16 54	1 10	19 5	2 51	23 38	0 47	1 54	1 21	4 40	2 28	15 11	0 26	1 0	1 15	22 37	3 53	23 1	22 55	1 37	17 26	5 48
T 17	21 4	7 30	4 0	16 19	1 3	19 16	2 49	23 35	0 47	1 55	1 21	4 41	2 28	15 11	0 26	1 0	1 15	22 36	3 53	23 1	22 55	1 40	17 25	5 49
F 18	20 53	12 9	3 14	15 44	0 55	19 26	2 47	23 32	0 48	1 55	1 21	4 42	2 27	15 12	0 26	1 1	1 15	22 36	3 53	23 1	22 55	1 43	17 25	5 49
S 19	20 42	16 23	2 18	15 9	0 47	19 36	2 45	23 28	0 48	1 56	1 22	4 44	2 27	15 12	0 26	1 1	1 15	22 36	3 53	23 1	22 54	1 46	17 24	5 49
S 20	20 31	20 0	1 16	14 33	0 39	19 46	2 43	23 24	0 49	1 56	1 22	4 45	2 27	15 13	0 26	1 1	1 15	22 35	3 54	23 1	22 54	1 49	17 24	5 49
M21	20 19	22 47	0 8	13 58	0 30	19 55	2 41	23 20	0 49	1 56	1 22	4 46	2 27	15 13	0 26	1 1	1 15	22 35	3 54	23 1	22 54	1 52	17 23	5 49
T 22	20 7	24 27	1n 2	13 22	0 21	20 4	2 39	23 16	0 50	1 57	1 23	4 48	2 26	15 14	0 26	1 2	1 15	22 35	3 54	23 1	22 54	1 55	17 22	5 50
W23	19 55	24 46	2 11	12 46	0 12	20 13	2 37	23 11	0 50	1 57	1 23	4 49	2 26	15 14	0 26	1 2	1 15	22 34	3 54	23 1	22 53	1 58	17 22	5 50
T 24	19 42	23 37	3 13	12 11	0 2	20 21	2 34	23 7	0 51	1 57	1 23	4 51	2 26	15 14	0 26	1 2	1 15	22 34	3 54	23 1	22 53	2 1	17 21	5 50
F 25	19 29	21 0	4 6	11 36	0s 8	20 29	2 32	23 2	0 51	1 57	1 24	4 52	2 26	15 15	0 26	1 3	1 15	22 34	3 54	23 0	22 53	2 4	17 21	5 50
S 26	19 16	17 4	4 44	11 1	0 19	20 36	2 29	22 57	0 51	1 57	1 24	4 54	2 26	15 15	0 26	1 3	1 16	22 33	3 54	23 0	22 52	2 7	17 20	5 51
S 27	19 2	12 6	5 5	10 26	0 29	20 43	2 26	22 52	0 52	1 56	1 24	4 55	2 25	15 15	0 26	1 3	1 16	22 33	3 54	22 59	22 52	2 10	17 20	5 51
M28	18 48	6 26	5 6	9 52	0 40	20 50	2 24	22 47	0 52	1 56	1 24	4 57	2 25	15 16	0 26	1 4	1 16	22 32	3 54	22 59	22 52	2 12	17 19	5 51
T 29	18 34	0 27	4 48	9 19	0 51	20 56	2 21	22 41	0 53	1 56	1 25	4 58	2 25	15 16	0 26	1 4	1 16	22 32	3 54	22 59	22 52	2 15	17 19	5 52
W30	18 20	5s32	4 12	8 46	1 3	21 1	2 18	22 35	0 53	1 55	1 25	5 0	2 25	15 16	0 27	1 4	1 16	22 32	3 54	22 58	22 51	2 18	17 18	5 52
T 31	18n 5	11s10	3n21	8n14	1s14	21n 6	2s15	22n30	0n54	1n55	1s25	5s 2	2n24	15n16	0s27	1s 5	1s16	22n31	3n54	22n58	22n51	2n21	17n17	5s52

Julian Day Number = 2520392.5, Delta T = 152.17 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'28, Lahiri = 26°29'28

ASTRODIENST EPHEMERIS for the year 2188
geocentric

AUGUST 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 41 29	9♌36'15	22♏33	6♍43	27♊12	22♋43	8°R 7	18♎36	12♉55	0°R11	6♌ 4	19♊ 8	17♊40	16♈43	8♋33	F 1
S 2	20 45 25	10°33'38	6♐21	7°36	28°18	23°23	8♈ 6	18°40	12°55	0♈10	6° 6	19° 9	17°37	16°50	8°39	S 2
S 3	20 49 22	11°31'01	19°57	8°25	29°25	24° 2	8° 5	18°44	12°56	0°10	6° 8	19°R10	17°34	16°56	8°44	S 3
M 4	20 53 18	12°28'24	3♑22	9°12	0♋32	24°41	8° 3	18°49	12°57	0° 9	6° 9	19° 9	17°31	17° 3	8°49	M 4
T 5	20 57 15	13°25'48	16°35	9°54	1°39	25°20	8° 2	18°53	12°57	0° 8	6°11	19° 6	17°28	17°10	8°54	T 5
W 6	21 1 12	14°23'13	29°37	10°33	2°47	26° 0	8° 0	18°57	12°58	0° 7	6°13	19° 0	17°24	17°17	8°59	W 6
T 7	21 5 8	15°20'39	12♒27	11° 8	3°54	26°39	7°58	19° 2	12°59	0° 6	6°14	18°53	17°21	17°23	9° 4	T 7
F 8	21 9 5	16°18'06	25° 4	11°39	5° 2	27°18	7°56	19° 6	12°59	0° 4	6°16	18°43	17°18	17°30	9° 9	F 8
S 9	21 13 1	17°15'34	7♓30	12° 6	6° 9	27°57	7°53	19°11	13° 0	0° 3	6°18	18°33	17°15	17°37	9°14	S 9
S 10	21 16 58	18°13'02	19°44	12°28	7°17	28°36	7°51	19°15	13° 0	0° 2	6°19	18°22	17°12	17°43	9°19	S 10
M11	21 20 54	19°10'32	1♈47	12°46	8°25	29°15	7°48	19°20	13° 0	0° 1	6°21	18°13	17° 9	17°50	9°24	M11
T 12	21 24 51	20° 8'03	13°43	12°59	9°33	29°54	7°45	19°25	13° 1	29♓59	6°23	18° 5	17° 5	17°57	9°29	T 12
W13	21 28 47	21° 5'36	25°35	13° 6	10°42	0♌33	7°42	19°30	13° 1	29°59	6°24	17°59	17° 2	18° 4	9°33	W13
T 14	21 32 44	22° 3'10	7♉25	13°R 9	11°50	1°12	7°39	19°35	13° 1	29°58	6°26	17°56	16°59	18°10	9°38	T 14
F 15	21 36 41	23° 0'45	19°20	13° 6	12°58	1°51	7°35	19°40	13° 1	29°56	6°28	17°D55	16°56	18°17	9°43	F 15
S 16	21 40 37	23°58'22	1♊24	12°58	14° 7	2°30	7°32	19°45	13° 1	29°55	6°29	17°55	16°53	18°24	9°48	S 16
S 17	21 44 34	24°56'00	13°42	12°44	15°16	3° 9	7°28	19°50	13° 1	29°54	6°31	17°R56	16°49	18°30	9°52	S 17
M18	21 48 30	25°53'40	26°20	12°25	16°25	3°48	7°24	19°55	13°R 1	29°53	6°33	17°55	16°46	18°37	9°57	M18
T 19	21 52 27	26°51'21	9♋21	12° 0	17°34	4°26	7°20	20° 0	13° 1	29°51	6°34	17°53	16°43	18°44	10° 1	T 19
W20	21 56 23	27°49'04	22°49	11°30	18°43	5° 5	7°15	20° 6	13° 1	29°50	6°36	17°49	16°40	18°50	10° 6	W20
T 21	22 0 20	28°46'48	6♌44	10°55	19°52	5°44	7°11	20°11	13° 1	29°49	6°37	17°43	16°37	18°57	10°10	T 21
F 22	22 4 16	29°44'33	21° 4	10°15	21° 2	6°23	7° 6	20°16	13° 1	29°47	6°39	17°34	16°34	19° 4	10°15	F 22
S 23	22 8 13	0♍42'20	5♍43	9°31	22°11	7° 1	7° 1	20°22	13° 1	29°46	6°41	17°23	16°30	19°11	10°19	S 23
S 24	22 12 10	1°40'09	20°34	8°43	23°21	7°40	6°56	20°28	13° 0	29°44	6°42	17°13	16°27	19°17	10°23	S 24
M25	22 16 6	2°37'58	5♎28	7°52	24°30	8°18	6°51	20°33	13° 0	29°43	6°44	17° 3	16°24	19°24	10°28	M25
T 26	22 20 3	3°35'49	20°17	6°59	25°40	8°57	6°45	20°39	13° 0	29°42	6°45	16°55	16°21	19°31	10°32	T 26
W27	22 23 59	4°33'41	4♏54	6° 6	26°50	9°35	6°40	20°45	12°59	29°40	6°47	16°50	16°18	19°37	10°36	W27
T 28	22 27 56	5°31'34	19°13	5°12	28° 0	10°14	6°34	20°50	12°59	29°39	6°48	16°48	16°14	19°44	10°40	T 28
F 29	22 31 52	6°29'29	3♐14	4°19	29°10	10°52	6°28	20°56	12°58	29°37	6°50	16°D47	16°11	19°51	10°44	F 29
S 30	22 35 49	7°27'25	16°55	3°28	0♌21	11°31	6°22	21° 2	12°58	29°36	6°51	16°R47	16° 8	19°57	10°48	S 30
S 31	22 39 45	8♍25'22	0♑19	2♍41	1♌31	12♌ 9	6♈16	21♎ 8	12♉57	29♓34	6♌53	16♊46	16♊ 5	20♈ 4	10♋52	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	17n50	16s10	2n18	7n42	1s26	21n11	2s12	22n24	0n54	1n54	1s26	5s 3	2n24	15n17	0s27	1s 5	1s16	22n31	3n54	22n58	22n51	2n24	17n17	5s52
S 2	17 34	20 13	1 8	7 12	1 38	21 15	2 9	22 17	0 55	1 54	1 26	5 5	2 24	15 17	0 27	1 5	1 16	22 31	3 54	22 58	22 50	2 27	17 16	5 53
S 3	17 19	23 6	0s 4	6 42	1 50	21 19	2 6	22 11	0 55	1 53	1 26	5 7	2 24	15 17	0 27	1 6	1 16	22 30	3 54	22 58	22 50	2 30	17 15	5 53
M 4	17 3	24 38	1 16	6 14	2 2	21 22	2 3	22 4	0 55	1 52	1 26	5 9	2 24	15 17	0 27	1 6	1 16	22 30	3 55	22 58	22 50	2 33	17 15	5 53
T 5	16 46	24 44	2 22	5 47	2 14	21 24	2 0	21 58	0 56	1 51	1 27	5 11	2 23	15 17	0 27	1 7	1 16	22 30	3 55	22 58	22 49	2 36	17 14	5 54
W 6	16 30	23 27	3 19	5 21	2 26	21 26	1 57	21 51	0 56	1 50	1 27	5 12	2 23	15 18	0 27	1 7	1 16	22 29	3 55	22 58	22 49	2 39	17 13	5 54
T 7	16 13	20 58	4 5	4 56	2 38	21 28	1 54	21 44	0 57	1 49	1 27	5 14	2 23	15 18	0 27	1 8	1 16	22 29	3 55	22 57	22 49	2 42	17 13	5 54
F 8	15 56	17 31	4 39	4 34	2 50	21 29	1 50	21 37	0 57	1 48	1 28	5 16	2 23	15 18	0 27	1 8	1 16	22 29	3 55	22 56	22 49	2 45	17 12	5 55
S 9	15 39	13 22	4 58	4 12	3 2	21 29	1 47	21 29	0 58	1 47	1 28	5 18	2 23	15 18	0 27	1 8	1 16	22 28	3 55	22 55	22 48	2 48	17 11	5 55
S 10	15 21	8 43	5 4	3 53	3 14	21 29	1 44	21 22	0 58	1 46	1 28	5 20	2 22	15 18	0 27	1 9	1 16	22 28	3 55	22 54	22 48	2 51	17 11	5 55
M11	15 3	3 48	4 55	3 36	3 25	21 29	1 40	21 14	0 58	1 44	1 28	5 22	2 22	15 18	0 27	1 9	1 16	22 28	3 55	22 54	22 48	2 54	17 10	5 56
T 12	14 45	1n12	4 34	3 21	3 36	21 28	1 37	21 6	0 59	1 43	1 29	5 24	2 22	15 18	0 27	1 10	1 16	22 27	3 55	22 53	22 47	2 57	17 9	5 56
W13	14 27	6 8	4 1	3 8	3 47	21 26	1 33	20 59	0 59	1 41	1 29	5 26	2 22	15 18	0 27	1 10	1 16	22 27	3 55	22 52	22 47	3 0	17 9	5 56
T 14	14 9	10 51	3 18	2 58	3 57	21 24	1 30	20 50	1 0	1 40	1 29	5 28	2 22	15 18	0 27	1 11	1 16	22 27	3 55	22 52	22 47	3 3	17 8	5 57
F 15	13 50	15 12	2 26	2 50	4 6	21 21	1 27	20 42	1 0	1 38	1 29	5 30	2 21	15 18	0 27	1 11	1 16	22 26	3 55	22 52	22 46	3 6	17 7	5 57
S 16	13 31	19 0	1 27	2 45	4 15	21 17	1 23	20 34	1 0	1 37	1 30	5 32	2 21	15 18	0 27	1 12	1 16	22 26	3 56	22 52	22 46	3 8	17 7	5 58
S 17	13 12	22 3	0 22	2 43	4 23	21 14	1 20	20 25	1 1	1 35	1 30	5 34	2 21	15 18	0 27	1 13	1 16	22 26	3 56	22 52	22 46	3 11	17 6	5 58
M18	12 53	24 6	0n45	2 44	4 30	21 9	1 16	20 17	1 1	1 33	1 30	5 36	2 21	15 18	0 27	1 13	1 16	22 25	3 56	22 52	22 46	3 14	17 5	5 58
T 19	12 33	24 56	1 51	2 49	4 35	21 4	1 12	20 8	1 2	1 31	1 31	5 38	2 21	15 18	0 27	1 14	1 16	22 25	3 56	22 52	22 45	3 17	17 4	5 59
W20	12 13	24 21	2 54	2 56	4 39	20 58	1 9	19 59	1 2	1 29	1 31	5 41	2 20	15 18	0 27	1 14	1 16	22 25	3 56	22 51	22 45	3 20	17 4	5 59
T 21	11 53	22 15	3 48	3 7	4 42	20 52	1 5	19 50	1 2	1 27	1 31	5 43	2 20	15 18	0 27	1 15	1 17	22 24	3 56	22 51	22 45	3 23	17 3	6 0
F 22	11 33	18 44	4 30	3 20	4 44	20 45	1 2	19 40	1 3	1 25	1 31	5 45	2 20	15 18	0 27	1 15	1 17	22 24	3 56	22 50	22 44	3 26	17 2	6 0
S 23	11 13	13 59	4 55	3 37	4 43	20 38	0 58	19 31	1 3	1 23	1 31	5 47	2 20	15 18	0 27	1 16	1 17	22 24	3 56	22 49	22 44	3 29	17 1	6 0
S 24	10 52	8 20	5 1	3 57	4 41	20 30	0 55	19 22	1 4	1 21	1 32	5 50	2 20	15 18	0 27	1 16	1 17	22 23	3 56	22 48	22 44	3 32	17 1	6 1
M25	10 32	2 12	4 46	4 19	4 37	20 22	0 51	19 12	1 4	1 18	1 32	5 52	2 20	15 18	0 27	1 17	1 17	22 23	3 57	22 47	22 43	3 35	17 0	6 1
T 26	10 11	4s 1	4 12	4 44	4 31	20 13	0 48	19 2	1 4	1 16	1 32	5 54	2 19	15 18	0 27	1 18	1 17	22 23	3 57	22 46	22 43	3 38	16 59	6 2
W27	9 50	9 58	3 22	5 11	4 23	20 3	0 44	18 52	1 5	1 14	1 32	5 56	2 19	15 18	0 27	1 18	1 17	22 23	3 57	22 46	22 43	3 41	16 58	6 2
T 28	9 29	15 16	2 20	5 40	4 13	19 53	0 40	18 42	1 5	1 11	1 33	5 59	2 19	15 17	0 27	1 19	1 17	22 22	3 57	22 46	22 42	3 44	16 58	6 3
F 29	9 7	19 37	1 11	6 10	4 2	19 42	0 37	18 32	1 5	1 9	1 33	6 1	2 19	15 17	0 27	1 19	1 17	22 22	3 57	22 46	22 42	3 47	16 57	6 3
S 30	8 46	22 47	0s 1	6 40	3 49	19 31	0 33	18 22	1 6	1 6	1 33	6 3	2 19	15 17	0 27	1 20	1 17	22 22	3 57	22 46	22 42	3 50	16 56	6 4
S 31	8n24	24s36	1s11	7n11	3s34	19n19	0s30	18n12	1n 6	1n 4	1s33	6s 6	2n19	15n17	0s27	1s21	1s17	22n21	3n57	22n46	22n41	3n53	16n55	6s 4

Julian Day Number = 2520423.5, Delta T = 152.25 sec
Ecliptic obliquity = 23°24'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'32, Lahiri = 26°29'33

ASTRODIENST EPHEMERIS for the year 2188
geocentric

SEPTEMBER 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 43 42	9♍23'20	13♉27	1°R59	2♌41	12♌47	6°R10	21♎14	12°R56	29°R33	6♌54	16°R44	16♊ 2	20♈11	10♋56	M 1
T 2	22 47 39	10°21'19	26°21	1♍21	3°52	13°26	6♈ 3	21°20	12♉56	29♓31	6°56	16♊40	15°59	20°18	10°59	T 2
W 3	22 51 35	11°19'20	9♒ 4	0°50	5° 2	14° 4	5°57	21°26	12°55	29°30	6°57	16°32	15°55	20°24	11° 3	W 3
T 4	22 55 32	12°17'23	21°36	0°26	6°13	14°42	5°50	21°33	12°54	29°28	6°59	16°22	15°52	20°31	11° 7	T 4
F 5	22 59 28	13°15'27	3♓58	0°10	7°24	15°20	5°43	21°39	12°53	29°26	7° 0	16° 9	15°49	20°38	11°10	F 5
S 6	23 3 25	14°13'32	16°12	0°D 2	8°35	15°58	5°37	21°45	12°52	29°25	7° 1	15°56	15°46	20°44	11°14	S 6
S 7	23 7 21	15°11'39	28°17	0° 2	9°46	16°36	5°30	21°51	12°51	29°23	7° 3	15°42	15°43	20°51	11°17	S 7
M 8	23 11 18	16° 9'48	10♈15	0°11	10°57	17°15	5°23	21°58	12°50	29°22	7° 4	15°29	15°40	20°58	11°21	M 8
T 9	23 15 14	17° 7'59	22° 7	0°29	12° 8	17°53	5°15	22° 4	12°49	29°20	7° 6	15°18	15°36	21° 4	11°24	T 9
W10	23 19 11	18° 6'12	3♉57	0°55	13°19	18°31	5° 8	22°11	12°48	29°18	7° 7	15°10	15°33	21°11	11°27	W10
T 11	23 23 7	19° 4'26	15°46	1°30	14°31	19° 9	5° 1	22°17	12°47	29°17	7° 8	15° 5	15°30	21°18	11°31	T 11
F 12	23 27 4	20° 2'43	27°39	2°14	15°42	19°47	4°53	22°24	12°46	29°15	7°10	15° 3	15°27	21°24	11°34	F 12
S 13	23 31 1	21° 1'02	9♊41	3° 5	16°54	20°24	4°46	22°30	12°45	29°14	7°11	15° 2	15°24	21°31	11°37	S 13
S 14	23 34 57	21°59'23	21°56	4° 4	18° 5	21° 2	4°38	22°37	12°43	29°12	7°12	15° 2	15°20	21°38	11°40	S 14
M15	23 38 54	22°57'45	4♋31	5°10	19°17	21°40	4°30	22°43	12°42	29°10	7°14	15° 1	15°17	21°45	11°43	M15
T 16	23 42 50	23°56'10	17°30	6°23	20°29	22°18	4°23	22°50	12°41	29° 9	7°15	15° 0	15°14	21°51	11°46	T 16
W17	23 46 47	24°54'38	0♌56	7°41	21°41	22°56	4°15	22°57	12°39	29° 7	7°16	14°56	15°11	21°58	11°49	W17
T 18	23 50 43	25°53'07	14°52	9° 6	22°53	23°34	4° 7	23° 4	12°38	29° 5	7°17	14°49	15° 8	22° 5	11°51	T 18
F 19	23 54 40	26°51'38	29°17	10°35	24° 5	24°11	3°59	23°10	12°36	29° 4	7°18	14°40	15° 5	22°11	11°54	F 19
S 20	23 58 36	27°50'11	14♍ 7	12° 8	25°17	24°49	3°51	23°17	12°35	29° 2	7°20	14°30	15° 1	22°18	11°57	S 20
S 21	0 2 33	28°48'47	29°13	13°45	26°29	25°27	3°43	23°24	12°33	29° 0	7°21	14°19	14°58	22°25	11°59	S 21
M22	0 6 30	29°47'24	14♎26	15°25	27°42	26° 4	3°35	23°31	12°32	28°59	7°22	14° 9	14°55	22°31	12° 2	M22
T 23	0 10 26	0♎46'02	29°35	17° 7	28°54	26°42	3°27	23°38	12°30	28°57	7°23	14° 1	14°52	22°38	12° 4	T 23
W24	0 14 23	1°44'43	14♏30	18°52	0♍ 7	27°19	3°19	23°45	12°28	28°55	7°24	13°55	14°49	22°45	12° 6	W24
T 25	0 18 19	2°43'26	29° 4	20°38	1°19	27°57	3°11	23°52	12°27	28°54	7°25	13°53	14°46	22°52	12° 8	T 25
F 26	0 22 16	3°42'10	13♐15	22°26	2°32	28°34	3° 3	23°59	12°25	28°52	7°26	13°D52	14°42	22°58	12°11	F 26
S 27	0 26 12	4°40'56	27° 0	24°15	3°44	29°12	2°55	24° 6	12°23	28°50	7°27	13°52	14°39	23° 5	12°13	S 27
S 28	0 30 9	5°39'44	10♑22	26° 4	4°57	29°49	2°47	24°13	12°21	28°49	7°28	13°R52	14°36	23°12	12°15	S 28
M29	0 34 5	6°38'33	23°24	27°53	6°10	0♍27	2°39	24°20	12°20	28°47	7°29	13°51	14°33	23°18	12°17	M29
T 30	0 38 2	7♎37'24	6♒ 8	29♍43	7♍23	1♍ 4	2♈31	24♎27	12♉18	28♓45	7♌30	13♊47	14♊30	23♈25	12♋18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	8n 2	24s59	2s16	7n41	3s18	19n 7	0s26	18n 1	1n 7	1n 1	1s33	6s 8	2n19	15n17	0s27	1s21	1s17	22n21	3n57	22n45	22n41	3n56	16n55	6s 5	M 1
T 2	7 41	24 1	3 13	8 10	3 1	18 54	0 23	17 51	1 7	0 58	1 34	6 10	2 18	15 16	0 27	1 22	1 17	22 21	3 57	22 45	22 41	3 59	16 54	6 5	T 2
W 3	7 19	21 48	3 59	8 37	2 43	18 40	0 19	17 40	1 7	0 56	1 34	6 13	2 18	15 16	0 27	1 23	1 17	22 21	3 58	22 44	22 40	4 2	16 53	6 6	W 3
T 4	6 57	18 35	4 33	9 3	2 24	18 27	0 16	17 29	1 8	0 53	1 34	6 15	2 18	15 16	0 27	1 23	1 17	22 20	3 58	22 43	22 40	4 5	16 52	6 6	T 4
F 5	6 34	14 35	4 53	9 27	2 5	18 12	0 13	17 18	1 8	0 50	1 34	6 18	2 18	15 16	0 27	1 24	1 17	22 20	3 58	22 42	22 40	4 8	16 51	6 7	F 5
S 6	6 12	10 2	5 0	9 47	1 46	17 57	0 9	17 7	1 8	0 47	1 34	6 20	2 18	15 15	0 27	1 25	1 17	22 20	3 58	22 40	22 39	4 11	16 51	6 7	S 6
S 7	5 50	5 9	4 52	10 5	1 27	17 42	0 6	16 56	1 9	0 44	1 34	6 23	2 18	15 15	0 27	1 25	1 17	22 20	3 58	22 39	22 39	4 13	16 50	6 8	S 7
M 8	5 27	0 8	4 33	10 19	1 9	17 26	0 2	16 45	1 9	0 41	1 35	6 25	2 18	15 15	0 27	1 26	1 17	22 19	3 58	22 38	22 39	4 16	16 49	6 8	M 8
T 9	5 5	4n53	4 1	10 30	0 50	17 9	0n 1	16 34	1 9	0 38	1 35	6 28	2 17	15 14	0 27	1 27	1 17	22 19	3 58	22 36	22 38	4 19	16 48	6 9	T 9
W10	4 42	9 42	3 19	10 37	0 33	16 52	0 4	16 22	1 10	0 35	1 35	6 30	2 17	15 14	0 27	1 27	1 17	22 19	3 59	22 36	22 38	4 22	16 48	6 9	W10
T 11	4 19	14 11	2 28	10 41	0 16	16 35	0 7	16 11	1 10	0 32	1 35	6 33	2 17	15 14	0 27	1 28	1 17	22 19	3 59	22 35	22 38	4 25	16 47	6 10	T 11
F 12	3 56	18 9	1 31	10 40	0n 0	16 17	0 11	15 59	1 11	0 29	1 35	6 35	2 17	15 13	0 27	1 28	1 17	22 19	3 59	22 35	22 37	4 28	16 46	6 10	F 12
S 13	3 33	21 25	0 28	10 36	0 15	15 58	0 14	15 47	1 11	0 26	1 35	6 38	2 17	15 13	0 27	1 29	1 17	22 18	3 59	22 35	22 37	4 31	16 45	6 11	S 13
S 14	3 10	23 47	0n37	10 28	0 29	15 40	0 17	15 36	1 11	0 23	1 35	6 40	2 17	15 13	0 27	1 30	1 17	22 18	3 59	22 35	22 37	4 34	16 44	6 11	S 14
M15	2 47	25 2	1 41	10 16	0 42	15 20	0 20	15 24	1 12	0 20	1 35	6 43	2 17	15 12	0 27	1 30	1 17	22 18	3 59	22 35	22 36	4 37	16 44	6 12	M15
T 16	2 24	24 58	2 43	10 0	0 54	15 1	0 23	15 12	1 12	0 17	1 35	6 45	2 17	15 12	0 27	1 31	1 17	22 18	3 59	22 34	22 36	4 40	16 43	6 12	T 16
W17	2 1	23 28	3 38	9 41	1 5	14 40	0 26	15 0	1 12	0 14	1 36	6 48	2 17	15 11	0 27	1 32	1 17	22 18	3 59	22 34	22 36	4 43	16 42	6 13	W17
T 18	1 38	20 31	4 22	9 18	1 14	14 20	0 29	14 48	1 13	0 10	1 36	6 50	2 17	15 11	0 27	1 32	1 17	22 17	4 0	22 33	22 35	4 46	16 41	6 13	T 18
F 19	1 15	16 15	4 51	8 52	1 23	13 59	0 32	14 36	1 13	0 7	1 36	6 53	2 16	15 10	0 27	1 33	1 17	22 17	4 0	22 32	22 35	4 49	16 40	6 14	F 19
S 20	0 52	10 52	5 1	8 23	1 30	13 37	0 35	14 23	1 13	0 4	1 36	6 56	2 16	15 10	0 27	1 34	1 17	22 17	4 0	22 31	22 35	4 52	16 40	6 15	S 20
S 21	0 28	4 46	4 51	7 52	1 36	13 16	0 37	14 11	1 14	0 1	1 36	6 58	2 16	15 9	0 27	1 34	1 17	22 17	4 0	22 30	22 34	4 55	16 39	6 15	S 21
M22	0 5	1s41	4 21	7 18	1 41	12 53	0 40	13 58	1 14	0s 2	1 36	7 1	2 16	15 9	0 27	1 35	1 17	22 17	4 0	22 29	22 34	4 58	16 38	6 16	M22
T 23	0s18	8 0	3 32	6 42	1 45	12 31	0 43	13 46	1 14	0 6	1 36	7 3	2 16	15 8	0 27	1 36	1 17	22 17	4 0	22 28	22 33	5 1	16 37	6 16	T 23
W24	0 42	13 48	2 29	6 3	1 48	12 8	0 46	13 33	1 15	0 9	1 36	7 6	2 16	15 8	0 27	1 36	1 17	22 17	4 1	22 27	22 33	5 4	16 36	6 17	W24
T 25	1 5	18 40	1 18	5 23	1 50	11 45	0 48	13 21	1 15	0 12	1 36	7 9	2 16	15 7	0 27	1 37	1 17	22 16	4 1	22 27	22 33	5 7	16 36	6 17	T 25
F 26	1 28	22 19	0 3	4 42	1 51	11 21	0 51	13 8	1 15	0 15	1 36	7 11	2 16	15 7	0 27	1 38	1 17	22 16	4 1	22 26	22 32	5 10	16 35	6 18	F 26
S 27	1 52	24 32	1s 9	3 59	1 52	10 57	0 53	12 55	1 16	0 19	1 36	7 14	2 16	15 6	0 27	1 38	1 17	22 16	4 1	22 27	22 32	5 13	16 34	6 19	S 27
S 28	2 15	25 16	2 16	3 16	1 51	10 33	0 55	12 42	1 16	0 22	1 36	7 17	2 16	15 6	0 27	1 39	1 17	22 16	4 1	22 27	22 32	5 16	16 33	6 19	S 28
M29	2 38	24 34	3 14	2 31	1 50	10 8	0 58	12 30	1 16	0 25	1 36	7 19	2 16	15 5	0 27	1 40	1 17	22 16	4 1	22 26	22 31	5 19	16 33	6 20	M29
T 30	3s 1	22s36	4s 1	1n46	1n48	9n43	1n 0	12n17	1n17	0s28	1s36	7s22	2n16	15n 5	0s27	1s40	1s17	22n16	4n 1	22n26	22n31	5n22	16n32	6s20	T 30

Julian Day Number = 2520454.5, Delta T = 152.33 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'37, Lahiri = 26°29'37

ASTRODIENST EPHEMERIS for the year 2188
geocentric

OCTOBER 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 41 59	8♎36'17	18♒38	1♎33	8♍36	1♍41	2°R23	24♎34	12°R16	28°R44	7♌31	13°R41	14♊26	23♈32	12♋20	W 1
T 2	0 45 55	9°35'11	0♓57	3°22	9°49	2°19	2♈15	24°41	12♉14	28♓42	7°32	13♊33	14°23	23°38	12°22	T 2
F 3	0 49 52	10°34'07	13° 7	5°11	11° 2	2°56	2° 7	24°48	12°12	28°41	7°33	13°22	14°20	23°45	12°23	F 3
S 4	0 53 48	11°33'05	25°10	7° 0	12°15	3°33	2° 0	24°55	12°10	28°39	7°34	13°10	14°17	23°52	12°25	S 4
S 5	0 57 45	12°32'05	7♈ 7	8°48	13°28	4°10	1°52	25° 3	12° 8	28°37	7°35	12°59	14°14	23°58	12°26	S 5
M 6	1 1 41	13°31'07	19° 0	10°35	14°41	4°47	1°44	25°10	12° 6	28°36	7°36	12°48	14°11	24° 5	12°28	M 6
T 7	1 5 38	14°30'11	0♉51	12°22	15°55	5°25	1°37	25°17	12° 4	28°34	7°37	12°39	14° 7	24°12	12°29	T 7
W 8	1 9 34	15°29'17	12°40	14° 8	17° 8	6° 2	1°29	25°24	12° 2	28°33	7°37	12°32	14° 4	24°19	12°30	W 8
T 9	1 13 31	16°28'26	24°31	15°53	18°22	6°39	1°22	25°31	11°59	28°31	7°38	12°28	14° 1	24°25	12°31	T 9
F 10	1 17 27	17°27'36	6♊26	17°38	19°35	7°16	1°14	25°39	11°57	28°30	7°39	12°26	13°58	24°32	12°32	F 10
S 11	1 21 24	18°26'49	18°30	19°22	20°49	7°53	1° 7	25°46	11°55	28°28	7°40	12°D26	13°55	24°39	12°33	S 11
S 12	1 25 21	19°26'04	0♋45	21° 5	22° 2	8°30	1° 0	25°53	11°53	28°26	7°40	12°27	13°51	24°45	12°34	S 12
M13	1 29 17	20°25'22	13°18	22°47	23°16	9° 6	0°52	26° 1	11°51	28°25	7°41	12°28	13°48	24°52	12°35	M13
T 14	1 33 14	21°24'42	26°12	24°29	24°30	9°43	0°45	26° 8	11°48	28°23	7°42	12°R28	13°45	24°59	12°36	T 14
W15	1 37 10	22°24'04	9♌32	26° 9	25°44	10°20	0°38	26°15	11°46	28°22	7°42	12°26	13°42	25° 5	12°36	W15
T 16	1 41 7	23°23'28	23°20	27°50	26°58	10°57	0°32	26°22	11°44	28°20	7°43	12°23	13°39	25°12	12°37	T 16
F 17	1 45 3	24°22'55	7♍37	29°29	28°11	11°34	0°25	26°30	11°41	28°19	7°43	12°18	13°36	25°19	12°37	F 17
S 18	1 49 0	25°22'23	22°21	1♏ 8	29°25	12°10	0°18	26°37	11°39	28°18	7°44	12°11	13°32	25°25	12°37	S 18
S 19	1 52 56	26°21'54	7♎25	2°46	0♎39	12°47	0°12	26°44	11°37	28°16	7°44	12° 4	13°29	25°32	12°38	S 19
M20	1 56 53	27°21'27	22°41	4°23	1°54	13°24	0° 6	26°52	11°34	28°15	7°45	11°57	13°26	25°39	12°38	M20
T 21	2 0 50	28°21'03	7♏57	6° 0	3° 8	14° 0	29♓59	26°59	11°32	28°13	7°45	11°52	13°23	25°45	12°R38	T 21
W22	2 4 46	29°20'40	23° 4	7°36	4°22	14°37	29°53	27° 6	11°30	28°12	7°46	11°48	13°20	25°52	12°38	W22
T 23	2 8 43	0♏20'19	7♐52	9°11	5°36	15°13	29°47	27°14	11°27	28°11	7°46	11°D47	13°17	25°59	12°38	T 23
F 24	2 12 39	1°20'00	22°16	10°46	6°50	15°50	29°42	27°21	11°25	28° 9	7°47	11°47	13°13	26° 6	12°38	F 24
S 25	2 16 36	2°19'43	6♑13	12°21	8° 5	16°26	29°36	27°28	11°22	28° 8	7°47	11°48	13°10	26°12	12°37	S 25
S 26	2 20 32	3°19'27	19°42	13°54	9°19	17° 3	29°31	27°35	11°20	28° 7	7°47	11°50	13° 7	26°19	12°37	S 26
M27	2 24 29	4°19'13	2♒47	15°27	10°33	17°39	29°26	27°43	11°18	28° 5	7°48	11°R51	13° 4	26°26	12°37	M27
T 28	2 28 25	5°19'01	15°30	17° 0	11°48	18°15	29°20	27°50	11°15	28° 4	7°48	11°50	13° 1	26°32	12°36	T 28
W29	2 32 22	6°18'50	27°56	18°32	13° 2	18°52	29°16	27°57	11°13	28° 3	7°48	11°48	12°57	26°39	12°36	W29
T 30	2 36 19	7°18'41	10♓ 9	20° 4	14°17	19°28	29°11	28° 4	11°10	28° 2	7°49	11°44	12°54	26°46	12°35	T 30
F 31	2 40 15	8♏18'33	22♓11	21♏35	15♎31	20♍ 4	29♓ 6	28♎12	11♉ 8	28♓ 1	7♌49	11♊39	12♊51	26♈52	12♋34	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	3 s25	19 s35	4 s35	1n 0	1n46	9n18	1n 2	12n 4	1n17	0 s31	1 s36	7 s24	2n16	15n 4	0 s27	1 s41	1 s17	22n16	4n 2	22n25	22n31	5n25	16n31	6 s21
T 2	3 48	15 44	4 56	0 14	1 43	8 53	1 4	11 51	1 17	0 34	1 36	7 27	2 15	15 3	0 27	1 42	1 17	22 16	4 2	22 24	22 30	5 28	16 30	6 22
F 3	4 11	11 17	5 3	0 s32	1 40	8 27	1 7	11 37	1 17	0 37	1 36	7 30	2 15	15 3	0 27	1 42	1 17	22 16	4 2	22 23	22 30	5 30	16 30	6 22
S 4	4 34	6 27	4 57	1 18	1 36	8 1	1 9	11 24	1 18	0 40	1 36	7 32	2 15	15 2	0 27	1 43	1 17	22 16	4 2	22 21	22 29	5 33	16 29	6 23
S 5	4 57	1 25	4 37	2 5	1 32	7 35	1 10	11 11	1 18	0 43	1 36	7 35	2 15	15 2	0 27	1 44	1 17	22 15	4 2	22 20	22 29	5 36	16 28	6 23
M 6	5 20	3n39	4 5	2 51	1 27	7 8	1 12	10 58	1 18	0 46	1 36	7 38	2 15	15 1	0 27	1 44	1 17	22 15	4 2	22 19	22 29	5 39	16 27	6 24
T 7	5 43	8 35	3 23	3 37	1 22	6 41	1 14	10 44	1 19	0 49	1 36	7 40	2 15	15 0	0 27	1 45	1 17	22 15	4 3	22 17	22 28	5 42	16 27	6 25
W 8	6 6	13 12	2 32	4 23	1 17	6 14	1 16	10 31	1 19	0 52	1 36	7 43	2 15	15 0	0 27	1 46	1 17	22 15	4 3	22 17	22 28	5 45	16 26	6 25
T 9	6 28	17 21	1 35	5 9	1 12	5 47	1 18	10 18	1 19	0 55	1 36	7 46	2 15	14 59	0 27	1 46	1 17	22 15	4 3	22 16	22 28	5 48	16 25	6 26
F 10	6 51	20 50	0 32	5 54	1 6	5 20	1 19	10 4	1 20	0 58	1 35	7 48	2 15	14 58	0 27	1 47	1 17	22 15	4 3	22 16	22 27	5 51	16 25	6 27
S 11	7 13	23 28	0n33	6 39	1 0	4 53	1 21	9 51	1 20	1 1	1 35	7 51	2 15	14 58	0 27	1 47	1 17	22 15	4 3	22 16	22 27	5 54	16 24	6 27
S 12	7 36	25 2	1 37	7 23	0 54	4 25	1 22	9 37	1 20	1 4	1 35	7 54	2 15	14 57	0 27	1 48	1 17	22 15	4 3	22 16	22 26	5 57	16 23	6 28
M13	7 58	25 23	2 38	8 7	0 48	3 57	1 24	9 24	1 21	1 6	1 35	7 56	2 15	14 56	0 27	1 49	1 17	22 15	4 4	22 16	22 26	6 0	16 22	6 28
T 14	8 20	24 23	3 33	8 50	0 41	3 29	1 25	9 10	1 21	1 9	1 35	7 59	2 15	14 56	0 27	1 49	1 17	22 15	4 4	22 16	22 26	6 3	16 22	6 29
W15	8 43	22 0	4 19	9 33	0 35	3 1	1 26	8 56	1 21	1 12	1 35	8 1	2 15	14 55	0 27	1 50	1 17	22 15	4 4	22 16	22 25	6 6	16 21	6 30
T 16	9 5	18 18	4 51	10 15	0 28	2 33	1 27	8 43	1 21	1 14	1 35	8 4	2 15	14 54	0 27	1 50	1 17	22 15	4 4	22 15	22 25	6 9	16 20	6 30
F 17	9 27	13 27	5 7	10 57	0 22	2 4	1 28	8 29	1 22	1 17	1 35	8 7	2 15	14 54	0 27	1 51	1 17	22 15	4 4	22 15	22 25	6 12	16 20	6 31
S 18	9 48	7 41	5 3	11 37	0 15	1 36	1 29	8 15	1 22	1 19	1 35	8 9	2 15	14 53	0 27	1 51	1 17	22 15	4 4	22 14	22 24	6 15	16 19	6 32
S 19	10 10	1 20	4 39	12 18	0 8	1 7	1 30	8 1	1 22	1 22	1 34	8 12	2 15	14 52	0 27	1 52	1 17	22 15	4 5	22 13	22 24	6 18	16 19	6 32
M20	10 31	5 s11	3 54	12 57	0 1	0 39	1 31	7 48	1 23	1 24	1 34	8 15	2 15	14 51	0 27	1 53	1 17	22 15	4 5	22 12	22 23	6 21	16 18	6 33
T 21	10 53	11 25	2 53	13 36	0 s 6	0 10	1 32	7 34	1 23	1 27	1 34	8 17	2 15	14 51	0 27	1 53	1 17	22 15	4 5	22 11	22 23	6 24	16 17	6 33
W22	11 14	16 55	1 40	14 14	0 13	0 s19	1 33	7 20	1 23	1 29	1 34	8 20	2 15	14 50	0 27	1 54	1 17	22 15	4 5	22 11	22 23	6 27	16 17	6 34
T 23	11 35	21 15	0 21	14 51	0 19	0 48	1 33	7 6	1 23	1 31	1 34	8 22	2 15	14 49	0 27	1 54	1 17	22 15	4 5	22 11	22 22	6 30	16 16	6 35
F 24	11 56	24 8	0 s57	15 27	0 26	1 16	1 34	6 52	1 24	1 33	1 34	8 25	2 15	14 48	0 27	1 55	1 17	22 15	4 6	22 11	22 22	6 33	16 15	6 35
S 25	12 16	25 25	2 9	16 3	0 33	1 45	1 34	6 38	1 24	1 35	1 33	8 28	2 15	14 48	0 27	1 55	1 17	22 16	4 6	22 11	22 21	6 36	16 15	6 36
S 26	12 37	25 8	3 12	16 38	0 40	2 14	1 35	6 24	1 24	1 37	1 33	8 30	2 15	14 47	0 27	1 56	1 17	22 16	4 6	22 11	22 21	6 39	16 14	6 36
M27	12 57	23 27	4 2	17 12	0 46	2 43	1 35	6 10	1 25	1 39	1 33	8 33	2 15	14 46	0 27	1 56	1 17	22 16	4 6	22 11	22 21	6 42	16 14	6 37
T 28	13 17	20 37	4 39	17 45	0 53	3 12	1 35	5 56	1 25	1 41	1 33	8 35	2 15	14 45	0 27	1 57	1 17	22 16	4 6	22 11	22 20	6 44	16 13	6 38
W29	13 37	16 54	5 2	18 17	1 0	3 40	1 36	5 43	1 25	1 43	1 33	8 38	2 15	14 45	0 27	1 57	1 17	22 16	4 6	22 11	22 20	6 47	16 13	6 38
T 30	13 56	12 33	5 11	18 48	1 6	4 9	1 36	5 29	1 25	1 44	1 32	8 40	2 15	14 44	0 27	1 57	1 17	22 16	4 7	22 10	22 19	6 50	16 12	6 39
F 31	14 s16	7 s47	5 s 6	19 s18	1 s12	4 s38	1n36	5n15	1n26	1 s46	1 s32	8 s43	2n15	14n43	0 s27	1 s58	1 s17	22n16	4n 7	22n10	22n19	6n53	16n12	6 s40

Julian Day Number = 2520484.5, Delta T = 152.40 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'41, Lahiri = 26°29'41

ASTRODIENST EPHEMERIS for the year 2188
geocentric

NOVEMBER 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 44 12	9♏18'28	4♈ 7	23♏ 5	16♎46	20♍40	29°R 2	28♎19	11°R 5	27°R59	7♌49	11°R33	12♊48	26♈59	12°R33	S 1
S 2	2 48 8	10°18'24	15°59	24°35	18° 0	21°16	28♓58	28°26	11♉ 3	27♓58	7°49	11♊27	12°45	27° 6	12♋32	S 2
M 3	2 52 5	11°18'22	27°50	26° 5	19°15	21°52	28°54	28°33	11° 0	27°57	7°49	11°22	12°42	27°12	12°31	M 3
T 4	2 56 1	12°18'21	9♉41	27°34	20°29	22°28	28°50	28°40	10°58	27°56	7°49	11°17	12°38	27°19	12°30	T 4
W 5	2 59 58	13°18'23	21°34	29° 2	21°44	23° 4	28°46	28°48	10°55	27°55	7°50	11°14	12°35	27°26	12°29	W 5
T 6	3 3 54	14°18'26	3♊31	0♐30	22°59	23°40	28°43	28°55	10°53	27°54	7°50	11°13	12°32	27°32	12°28	T 6
F 7	3 7 51	15°18'32	15°34	1°58	24°14	24°16	28°39	29° 2	10°50	27°53	7°50	11°D12	12°29	27°39	12°26	F 7
S 8	3 11 48	16°18'39	27°46	3°24	25°28	24°52	28°36	29° 9	10°48	27°52	7°R50	11°13	12°26	27°46	12°25	S 8
S 9	3 15 44	17°18'48	10♋10	4°51	26°43	25°28	28°33	29°16	10°46	27°51	7°50	11°15	12°23	27°53	12°23	S 9
M10	3 19 41	18°19'00	22°47	6°16	27°58	26° 3	28°31	29°23	10°43	27°50	7°50	11°17	12°19	27°59	12°22	M10
T 11	3 23 37	19°19'13	5♌42	7°41	29°13	26°39	28°28	29°30	10°41	27°49	7°49	11°18	12°16	28° 6	12°20	T 11
W12	3 27 34	20°19'29	18°58	9° 5	0♏28	27°15	28°26	29°37	10°38	27°48	7°49	11°R18	12°13	28°13	12°18	W12
T 13	3 31 30	21°19'46	2♍38	10°28	1°43	27°50	28°24	29°44	10°36	27°48	7°49	11°18	12°10	28°19	12°17	T 13
F 14	3 35 27	22°20'05	16°41	11°51	2°58	28°26	28°22	29°51	10°33	27°47	7°49	11°17	12° 7	28°26	12°15	F 14
S 15	3 39 23	23°20'26	1♎ 8	13°12	4°13	29° 1	28°20	29°58	10°31	27°46	7°49	11°15	12° 3	28°33	12°13	S 15
S 16	3 43 20	24°20'50	15°54	14°33	5°28	29°37	28°19	0♏ 5	10°29	27°45	7°49	11°13	12° 0	28°39	12°11	S 16
M17	3 47 17	25°21'15	0♏55	15°52	6°43	0♎12	28°17	0°12	10°26	27°45	7°48	11°10	11°57	28°46	12° 9	M17
T 18	3 51 13	26°21'42	16° 1	17°10	7°58	0°47	28°16	0°19	10°24	27°44	7°48	11° 9	11°54	28°53	12° 6	T 18
W19	3 55 10	27°22'10	1♐ 3	18°27	9°13	1°23	28°16	0°25	10°22	27°43	7°48	11° 8	11°51	28°59	12° 4	W19
T 20	3 59 6	28°22'40	15°53	19°42	10°28	1°58	28°15	0°32	10°19	27°43	7°48	11°D 8	11°48	29° 6	12° 2	T 20
F 21	4 3 3	29°23'12	0♑24	20°54	11°43	2°33	28°14	0°39	10°17	27°42	7°47	11° 8	11°44	29°13	11°59	F 21
S 22	4 6 59	0♐23'45	14°30	22° 5	12°59	3° 8	28°14	0°46	10°15	27°41	7°47	11° 9	11°41	29°19	11°57	S 22
S 23	4 10 56	1°24'19	28° 9	23°14	14°14	3°43	28°D14	0°52	10°12	27°41	7°47	11°10	11°38	29°26	11°54	S 23
M24	4 14 53	2°24'55	11♒22	24°19	15°29	4°18	28°14	0°59	10°10	27°40	7°46	11°11	11°35	29°33	11°52	M24
T 25	4 18 49	3°25'32	24°11	25°22	16°44	4°53	28°15	1° 5	10° 8	27°40	7°46	11°11	11°32	29°39	11°49	T 25
W26	4 22 46	4°26'09	6♓39	26°21	17°59	5°28	28°15	1°12	10° 6	27°40	7°45	11°R11	11°29	29°46	11°46	W26
T 27	4 26 42	5°26'48	18°51	27°16	19°14	6° 3	28°16	1°18	10° 4	27°39	7°45	11°11	11°25	29°53	11°43	T 27
F 28	4 30 39	6°27'28	0♈52	28° 6	20°30	6°38	28°17	1°25	10° 1	27°39	7°44	11°11	11°22	29°59	11°40	F 28
S 29	4 34 35	7°28'09	12°45	28°52	21°45	7°12	28°18	1°31	9°59	27°38	7°44	11°10	11°19	0♉ 6	11°37	S 29
S 30	4 38 32	8♐28'51	24♈35	29♐31	23♏ 0	7♎47	28♓20	1♏38	9♉57	27♓38	7♌43	11♊10	11♊16	0♉13	11♋34	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	14s35	2s46	4s48	19s48	1s19	5s 6	1n36	5n 1	1n26	1s48	1s32	8s45	2n15	14n42	0s27	1s58	1s17	22n16	4n 7	22n 9	22n19	6n56	16n11	6s40
S 2	14 54	2n20	4 17	20 16	1 25	5 35	1 36	4 47	1 26	1 49	1 32	8 48	2 15	14 42	0 27	1 59	1 17	22 16	4 7	22 8	22 18	6 59	16 10	6 41
M 3	15 12	7 20	3 35	20 43	1 31	6 3	1 35	4 33	1 26	1 50	1 32	8 50	2 15	14 41	0 27	1 59	1 17	22 17	4 7	22 7	22 18	7 2	16 10	6 41
T 4	15 31	12 6	2 44	21 10	1 36	6 32	1 35	4 19	1 27	1 52	1 31	8 53	2 15	14 40	0 27	2 0	1 17	22 17	4 8	22 7	22 17	7 5	16 9	6 42
W 5	15 49	16 26	1 46	21 35	1 42	7 0	1 35	4 5	1 27	1 53	1 31	8 55	2 16	14 39	0 27	2 0	1 17	22 17	4 8	22 6	22 17	7 8	16 9	6 42
T 6	16 7	20 9	0 42	21 59	1 48	7 28	1 35	3 51	1 27	1 54	1 31	8 58	2 16	14 39	0 27	2 0	1 17	22 17	4 8	22 6	22 17	7 11	16 9	6 43
F 7	16 25	23 2	0n24	22 22	1 53	7 56	1 34	3 37	1 28	1 55	1 31	9 0	2 16	14 38	0 27	2 1	1 17	22 17	4 8	22 6	22 16	7 14	16 8	6 44
S 8	16 42	24 54	1 30	22 45	1 58	8 23	1 34	3 23	1 28	1 56	1 30	9 3	2 16	14 37	0 27	2 1	1 17	22 17	4 8	22 6	22 16	7 17	16 8	6 44
S 9	16 59	25 34	2 33	23 6	2 3	8 51	1 33	3 9	1 28	1 57	1 30	9 5	2 16	14 36	0 27	2 2	1 17	22 18	4 8	22 6	22 15	7 20	16 7	6 45
M10	17 16	24 56	3 29	23 25	2 7	9 18	1 32	2 55	1 28	1 58	1 30	9 8	2 16	14 36	0 27	2 2	1 17	22 18	4 9	22 7	22 15	7 23	16 7	6 45
T 11	17 32	22 58	4 17	23 44	2 12	9 45	1 32	2 41	1 29	1 59	1 30	9 10	2 16	14 35	0 27	2 2	1 17	22 18	4 9	22 7	22 15	7 26	16 6	6 46
W12	17 49	19 45	4 52	24 1	2 16	10 12	1 31	2 27	1 29	1 59	1 29	9 12	2 16	14 34	0 27	2 2	1 17	22 18	4 9	22 7	22 14	7 29	16 6	6 46
T 13	18 5	15 23	5 12	24 18	2 19	10 39	1 30	2 13	1 29	2 0	1 29	9 15	2 16	14 33	0 27	2 3	1 16	22 18	4 9	22 7	22 14	7 32	16 6	6 47
F 14	18 20	10 5	5 14	24 33	2 23	11 6	1 29	1 59	1 29	2 1	1 29	9 17	2 16	14 33	0 27	2 3	1 16	22 19	4 9	22 7	22 13	7 35	16 5	6 48
S 15	18 35	4 6	4 57	24 46	2 26	11 32	1 28	1 46	1 30	2 1	1 29	9 19	2 16	14 32	0 27	2 3	1 16	22 19	4 9	22 6	22 13	7 38	16 5	6 48
S 16	18 50	2s15	4 20	24 59	2 28	11 58	1 27	1 32	1 30	2 1	1 28	9 22	2 16	14 31	0 27	2 4	1 16	22 19	4 10	22 6	22 12	7 41	16 4	6 49
M17	19 5	8 35	3 25	25 10	2 31	12 24	1 26	1 18	1 30	2 2	1 28	9 24	2 16	14 30	0 27	2 4	1 16	22 19	4 10	22 6	22 12	7 44	16 4	6 49
T 18	19 19	14 28	2 15	25 20	2 33	12 49	1 25	1 4	1 30	2 2	1 28	9 26	2 16	14 30	0 27	2 4	1 16	22 19	4 10	22 5	22 12	7 47	16 4	6 50
W19	19 33	19 27	0 56	25 28	2 34	13 14	1 23	0 50	1 31	2 2	1 28	9 29	2 17	14 29	0 27	2 4	1 16	22 20	4 10	22 5	22 11	7 49	16 3	6 50
T 20	19 47	23 6	0s26	25 35	2 35	13 39	1 22	0 36	1 31	2 2	1 27	9 31	2 17	14 28	0 27	2 5	1 16	22 20	4 10	22 5	22 11	7 52	16 3	6 51
F 21	20 0	25 10	1 45	25 41	2 35	14 3	1 21	0 23	1 31	2 2	1 27	9 33	2 17	14 28	0 27	2 5	1 16	22 20	4 11	22 5	22 10	7 55	16 3	6 51
S 22	20 13	25 31	2 55	25 45	2 35	14 27	1 19	0 9	1 31	2 2	1 27	9 35	2 17	14 27	0 27	2 5	1 16	22 20	4 11	22 5	22 10	7 58	16 3	6 52
S 23	20 25	24 18	3 52	25 48	2 34	14 51	1 18	0s 5	1 32	2 1	1 27	9 37	2 17	14 26	0 27	2 5	1 16	22 21	4 11	22 6	22 9	8 1	16 2	6 52
M24	20 37	21 46	4 36	25 50	2 32	15 15	1 16	0 18	1 32	2 1	1 26	9 40	2 17	14 26	0 27	2 5	1 16	22 21	4 11	22 6	22 9	8 4	16 2	6 53
T 25	20 49	18 13	5 4	25 50	2 30	15 38	1 15	0 32	1 32	2 1	1 26	9 42	2 17	14 25	0 27	2 5	1 16	22 21	4 11	22 6	22 9	8 7	16 2	6 53
W26	21 0	13 57	5 16	25 48	2 26	16 0	1 13	0 46	1 32	2 0	1 26	9 44	2 17	14 24	0 27	2 6	1 16	22 22	4 11	22 6	22 8	8 10	16 2	6 54
T 27	21 11	9 14	5 15	25 46	2 22	16 22	1 11	0 59	1 32	2 0	1 25	9 46	2 17	14 24	0 27	2 6	1 16	22 22	4 12	22 6	22 8	8 13	16 1	6 54
F 28	21 22	4 14	4 59	25 41	2 17	16 44	1 10	1 13	1 33	1 59	1 25	9 48	2 18	14 23	0 27	2 6	1 16	22 22	4 12	22 6	22 7	8 16	16 1	6 55
S 29	21 32	0n52	4 31	25 36	2 11	17 5	1 8	1 26	1 33	1 58	1 25	9 50	2 18	14 22	0 27	2 6	1 16	22 22	4 12	22 6	22 7	8 19	16 1	6 55
S 30	21s42	5n56	3s51	25s29	2s 4	17s26	1n 6	1s39	1n33	1s57	1s25	9s52	2n18	14n22	0s27	2s 6	1s16	22n23	4n12	22n 6	22n 6	8n22	16n 1	6s55

Julian Day Number = 2520515.5, Delta T = 152.48 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'45, Lahiri = 26°29'45

ASTRODIENST EPHEMERIS for the year 2188
geocentric

DECEMBER 2188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 42 28	9♐29'34	6♉25	0♌ 4	24♏15	8♑22	28♓22	1♏44	9°R55	27°R38	7°R42	11°R10	11♊13	0♉19	11°R31	M 1
T 2	4 46 25	10°30'19	18°18	0°29	25°31	8°56	28°23	1°50	9♉53	27♓38	7♌42	11♊ 9	11° 9	0°26	11♋28	T 2
W 3	4 50 22	11°31'04	0♊18	0°46	26°46	9°31	28°25	1°56	9°51	27°37	7°41	11°D 9	11° 6	0°33	11°25	W 3
T 4	4 54 18	12°31'51	12°25	0°R55	28° 1	10° 5	28°28	2° 3	9°49	27°37	7°41	11°R 9	11° 3	0°40	11°22	T 4
F 5	4 58 15	13°32'39	24°42	0°53	29°17	10°39	28°30	2° 9	9°47	27°37	7°40	11° 9	11° 0	0°46	11°18	F 5
S 6	5 2 11	14°33'28	7♋10	0°41	0♐32	11°13	28°33	2°15	9°45	27°37	7°39	11° 9	10°57	0°53	11°15	S 6
S 7	5 6 8	15°34'18	19°50	0°18	1°47	11°48	28°36	2°21	9°43	27°37	7°38	11° 9	10°54	1° 0	11°12	S 7
M 8	5 10 4	16°35'10	2♌43	29♐44	3° 3	12°22	28°39	2°27	9°42	27°D37	7°38	11° 8	10°50	1° 6	11° 8	M 8
T 9	5 14 1	17°36'03	15°50	28°58	4°18	12°56	28°42	2°32	9°40	27°37	7°37	11° 7	10°47	1°13	11° 5	T 9
W10	5 17 57	18°36'57	29°13	28° 2	5°34	13°30	28°45	2°38	9°38	27°37	7°36	11° 7	10°44	1°20	11° 1	W10
T 11	5 21 54	19°37'52	12♍51	26°57	6°49	14° 4	28°49	2°44	9°36	27°37	7°35	11° 6	10°41	1°26	10°58	T 11
F 12	5 25 51	20°38'48	26°46	25°43	8° 4	14°37	28°53	2°50	9°35	27°37	7°35	11°D 6	10°38	1°33	10°54	F 12
S 13	5 29 47	21°39'46	10♎56	24°24	9°20	15°11	28°57	2°55	9°33	27°37	7°34	11° 7	10°35	1°40	10°50	S 13
S 14	5 33 44	22°40'45	25°20	23° 1	10°35	15°45	29° 1	3° 1	9°31	27°38	7°33	11° 8	10°31	1°46	10°47	S 14
M15	5 37 40	23°41'45	9♏54	21°39	11°51	16°18	29° 5	3° 7	9°30	27°38	7°32	11° 9	10°28	1°53	10°43	M15
T 16	5 41 37	24°42'46	24°35	20°18	13° 6	16°52	29°10	3°12	9°28	27°38	7°31	11° 9	10°25	2° 0	10°39	T 16
W17	5 45 33	25°43'48	9♐17	19° 3	14°21	17°25	29°15	3°17	9°27	27°38	7°30	11°R10	10°22	2° 6	10°35	W17
T 18	5 49 30	26°44'51	23°52	17°54	15°37	17°59	29°20	3°23	9°25	27°39	7°29	11°10	10°19	2°13	10°32	T 18
F 19	5 53 26	27°45'55	8♑14	16°55	16°52	18°32	29°25	3°28	9°24	27°39	7°28	11° 8	10°15	2°20	10°28	F 19
S 20	5 57 23	28°46'59	22°17	16° 6	18° 8	19° 5	29°30	3°33	9°22	27°39	7°27	11° 6	10°12	2°26	10°24	S 20
S 21	6 1 20	29°48'04	5♒59	15°27	19°23	19°38	29°36	3°38	9°21	27°40	7°26	11° 4	10° 9	2°33	10°20	S 21
M22	6 5 16	0♑49'09	19°17	15° 0	20°39	20°11	29°41	3°43	9°20	27°40	7°25	11° 1	10° 6	2°40	10°16	M22
T 23	6 9 13	1°50'15	2♓11	14°43	21°54	20°44	29°47	3°48	9°19	27°41	7°24	10°58	10° 3	2°46	10°12	T 23
W24	6 13 9	2°51'21	14°44	14°D37	23°10	21°17	29°53	3°53	9°17	27°41	7°23	10°56	10° 0	2°53	10° 8	W24
T 25	6 17 6	3°52'26	27° 0	14°41	24°25	21°49	29°59	3°58	9°16	27°42	7°22	10°55	9°56	3° 0	10° 4	T 25
F 26	6 21 2	4°53'32	9♈ 1	14°54	25°41	22°22	0♈ 6	4° 3	9°15	27°42	7°21	10°D54	9°53	3° 6	10° 0	F 26
S 27	6 24 59	5°54'39	20°54	15°15	26°56	22°54	0°12	4° 7	9°14	27°43	7°20	10°55	9°50	3°13	9°56	S 27
S 28	6 28 55	6°55'45	2♉43	15°43	28°12	23°27	0°19	4°12	9°13	27°44	7°19	10°57	9°47	3°20	9°52	S 28
M29	6 32 52	7°56'52	14°34	16°19	29°27	23°59	0°26	4°16	9°12	27°44	7°17	10°59	9°44	3°26	9°48	M29
T 30	6 36 49	8°57'58	26°30	17° 0	0♌43	24°31	0°33	4°21	9°11	27°45	7°16	11° 0	9°41	3°33	9°44	T 30
W31	6 40 45	9♌59'05	8♊35	17♐47	1♌58	25♑ 3	0♈40	4♏25	9♉10	27♓46	7♌15	11°R 1	9♊37	3♉40	9♋40	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	21s51	10n47	3s 1	25s20	1s55	17s47	1n 4	1s53	1n33	1s57	1s24	9s54	2n18	14n21	0s27	2s 6	1s16	22n23	4n12	22n 6	22n 6	8n25	16n 1	6s56
T 2	22 0	15 17	2 4	25 10	1 46	18 7	1 2	2 6	1 34	1 56	1 24	9 56	2 18	14 20	0 27	2 6	1 16	22 23	4 12	22 6	22 6	8 28	16 1	6 56
W 3	22 8	19 13	1 0	24 59	1 35	18 26	1 0	2 20	1 34	1 55	1 24	9 58	2 18	14 20	0 27	2 6	1 16	22 24	4 13	22 6	22 5	8 31	16 0	6 57
T 4	22 17	22 23	0n 7	24 47	1 22	18 45	0 58	2 33	1 34	1 53	1 24	10 0	2 18	14 19	0 27	2 6	1 16	22 24	4 13	22 6	22 5	8 34	16 0	6 57
F 5	22 24	24 33	1 15	24 33	1 8	19 3	0 56	2 46	1 34	1 52	1 23	10 2	2 19	14 19	0 27	2 6	1 16	22 24	4 13	22 6	22 4	8 37	16 0	6 57
S 6	22 31	25 33	2 20	24 18	0 53	19 21	0 54	2 59	1 35	1 51	1 23	10 4	2 19	14 18	0 27	2 6	1 16	22 25	4 13	22 5	22 4	8 39	16 0	6 58
S 7	22 38	25 14	3 19	24 1	0 36	19 39	0 52	3 12	1 35	1 49	1 23	10 6	2 19	14 17	0 27	2 6	1 16	22 25	4 13	22 5	22 3	8 42	16 0	6 58
M 8	22 44	23 34	4 9	23 43	0 18	19 56	0 50	3 25	1 35	1 48	1 22	10 8	2 19	14 17	0 27	2 6	1 16	22 25	4 13	22 5	22 3	8 45	16 0	6 58
T 9	22 50	20 38	4 47	23 24	0n 1	20 12	0 48	3 38	1 35	1 46	1 22	10 10	2 19	14 16	0 27	2 6	1 16	22 26	4 14	22 5	22 2	8 48	16 0	6 59
W10	22 56	16 35	5 10	23 3	0 21	20 28	0 46	3 51	1 35	1 45	1 22	10 12	2 19	14 16	0 27	2 6	1 16	22 26	4 14	22 5	22 2	8 51	16 0	6 59
T 11	23 1	11 36	5 17	22 42	0 41	20 43	0 44	4 4	1 36	1 43	1 22	10 13	2 19	14 15	0 27	2 6	1 16	22 27	4 14	22 5	22 2	8 54	16 0	6 59
F 12	23 5	5 57	5 5	22 20	1 1	20 57	0 41	4 17	1 36	1 41	1 21	10 15	2 20	14 15	0 27	2 6	1 16	22 27	4 14	22 5	22 1	8 57	16 0	7 0
S 13	23 9	0s 6	4 35	21 57	1 21	21 11	0 39	4 30	1 36	1 40	1 21	10 17	2 20	14 14	0 27	2 6	1 15	22 27	4 14	22 5	22 1	9 0	16 0	7 0
S 14	23 13	6 15	3 48	21 35	1 40	21 24	0 37	4 43	1 36	1 38	1 21	10 19	2 20	14 14	0 27	2 6	1 15	22 28	4 14	22 5	22 0	9 3	16 0	7 0
M15	23 16	12 10	2 45	21 13	1 57	21 37	0 34	4 55	1 36	1 36	1 21	10 20	2 20	14 13	0 27	2 6	1 15	22 28	4 14	22 5	22 0	9 6	16 0	7 1
T 16	23 19	17 26	1 31	20 52	2 12	21 49	0 32	5 8	1 37	1 34	1 20	10 22	2 20	14 13	0 27	2 6	1 15	22 28	4 15	22 6	21 59	9 9	16 0	7 1
W17	23 21	21 39	0 10	20 33	2 26	22 0	0 30	5 20	1 37	1 31	1 20	10 24	2 20	14 12	0 26	2 5	1 15	22 29	4 15	22 6	21 59	9 12	16 0	7 1
T 18	23 23	24 26	1s10	20 16	2 37	22 11	0 27	5 33	1 37	1 29	1 20	10 25	2 21	14 12	0 26	2 5	1 15	22 29	4 15	22 6	21 58	9 15	16 0	7 1
F 19	23 24	25 34	2 24	20 2	2 45	22 21	0 25	5 45	1 37	1 27	1 20	10 27	2 21	14 11	0 26	2 5	1 15	22 30	4 15	22 5	21 58	9 18	16 0	7 2
S 20	23 25	25 0	3 28	19 51	2 51	22 31	0 23	5 58	1 37	1 25	1 19	10 29	2 21	14 11	0 26	2 5	1 15	22 30	4 15	22 5	21 57	9 20	16 0	7 2
S 21	23 25	22 56	4 18	19 43	2 55	22 39	0 20	6 10	1 38	1 22	1 19	10 30	2 21	14 11	0 26	2 5	1 15	22 30	4 15	22 5	21 57	9 23	16 0	7 2
M22	23 25	19 39	4 53	19 38	2 57	22 47	0 18	6 22	1 38	1 20	1 19	10 32	2 21	14 10	0 26	2 4	1 15	22 31	4 16	22 4	21 57	9 26	16 0	7 2
T 23	23 24	15 32	5 12	19 36	2 57	22 55	0 15	6 34	1 38	1 17	1 19	10 33	2 22	14 10	0 26	2 4	1 15	22 31	4 16	22 4	21 56	9 29	16 0	7 2
W24	23 23	10 50	5 15	19 37	2 56	23 1	0 13	6 46	1 38	1 15	1 18	10 35	2 22	14 10	0 26	2 4	1 15	22 32	4 16	22 4	21 56	9 32	16 0	7 3
T 25	23 22	5 50	5 3	19 40	2 53	23 7	0 10	6 58	1 38	1 12	1 18	10 36	2 22	14 9	0 26	2 4	1 15	22 32	4 16	22 3	21 55	9 35	16 1	7 3
F 26	23 20	0 42	4 38	19 46	2 49	23 13	0 8	7 10	1 39	1 9	1 18	10 37	2 22	14 9	0 26	2 3	1 15	22 32	4 16	22 3	21 55	9 38	16 1	7 3
S 27	23 17	4n25	4 2	19 53	2 44	23 17	0 6	7 22	1 39	1 6	1 18	10 39	2 22	14 9	0 26	2 3	1 15	22 33	4 16	22 4	21 54	9 41	16 1	7 3
S 28	23 14	9 21	3 15	20 2	2 38	23 21	0 3	7 34	1 39	1 3	1 17	10 40	2 23	14 8	0 26	2 3	1 15	22 33	4 16	22 4	21 54	9 44	16 1	7 3
M29	23 11	13 57	2 20	20 12	2 31	23 24	0 1	7 46	1 39	1 0	1 17	10 41	2 23	14 8	0 26	2 3	1 15	22 34	4 16	22 4	21 53	9 47	16 1	7 3
T 30	23 7	18 4	1 19	20 23	2 24	23 27	0s 2	7 57	1 39	0 57	1 17	10 43	2 23	14 8	0 26	2 2	1 15	22 34	4 17	22 4	21 53	9 50	16 1	7 3
W31	23s 2	21n30	0s13	20s35	2n17	23s28	0s 4	8s 9	1n39	0s54	1s17	10s44	2n23	14n 8	0s26	2s 2	1s15	22n35	4n17	22n 4	21n52	9n53	16n 2	7s 3

Julian Day Number = 2520545.5, Delta T = 152.55 sec
Ecliptic obliquity = 23°24'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°22'49, Lahiri = 26°29'50