Astrodienst Ephemeris Tables

for the year 2187

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 2187
geocentric

JANUARY 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 42 40	10♑28'37	28♍48	0♒ 4	28♏16	7♎35	2♒26	11♎ 4	0°R57	23♓21	4°R22	18♋ 1	18♋17	12♒ 9	22°R19	M 1
T 2	6 46 36	11°29'46	12♎35	0°52	29°27	7°59	2°39	11° 6	0♉57	23°22	4♌20	18°R 1	18°14	12°15	22♊16	T 2
W 3	6 50 33	12°30'55	26° 2	1°31	0♐38	8°23	2°53	11° 8	0°56	23°23	4°19	18° 1	18°10	12°22	22°12	W 3
T 4	6 54 29	13°32'04	9♏ 9	2° 3	1°49	8°47	3° 7	11° 9	0°56	23°24	4°18	18° 1	18° 7	12°29	22° 9	T 4
F 5	6 58 26	14°33'14	21°59	2°25	3° 1	9°11	3°21	11°11	0°56	23°25	4°17	18° 0	18° 4	12°35	22° 6	F 5
S 6	7 2 22	15°34'24	4♐34	2°37	4°12	9°34	3°34	11°13	0°56	23°26	4°15	18° 0	18° 1	12°42	22° 2	S 6
S 7	7 6 19	16°35'34	16°56	2°R38	5°23	9°57	3°48	11°14	0°56	23°28	4°14	18° 0	17°58	12°49	21°59	S 7
M 8	7 10 16	17°36'44	29° 7	2°27	6°35	10°19	4° 2	11°16	0°56	23°29	4°13	18°D 0	17°54	12°55	21°56	M 8
T 9	7 14 12	18°37'55	11♑10	2° 5	7°47	10°42	4°16	11°17	0°D56	23°30	4°12	18° 0	17°51	13° 2	21°53	T 9
W10	7 18 9	19°39'05	23° 6	1°31	8°58	11° 4	4°30	11°18	0°56	23°31	4°10	18°R 0	17°48	13° 9	21°49	W10
T 11	7 22 5	20°40'15	4♒58	0°45	10°10	11°25	4°44	11°19	0°56	23°32	4° 9	17°59	17°45	13°15	21°46	T 11
F 12	7 26 2	21°41'25	16°46	29♑49	11°22	11°47	4°58	11°20	0°56	23°34	4° 8	17°59	17°42	13°22	21°43	F 12
S 13	7 29 58	22°42'35	28°34	28°44	12°34	12° 8	5°12	11°21	0°56	23°35	4° 6	17°59	17°39	13°29	21°40	S 13
S 14	7 33 55	23°43'44	10♓24	27°32	13°46	12°28	5°26	11°22	0°56	23°36	4° 5	17°58	17°35	13°35	21°37	S 14
M15	7 37 52	24°44'53	22°19	26°15	14°58	12°49	5°40	11°22	0°57	23°38	4° 4	17°57	17°32	13°42	21°34	M15
T 16	7 41 48	25°46'01	4♈24	24°56	16°10	13° 8	5°54	11°23	0°57	23°39	4° 2	17°56	17°29	13°48	21°31	T 16
W17	7 45 45	26°47'08	16°42	23°36	17°23	13°28	6° 8	11°23	0°57	23°40	4° 1	17°56	17°26	13°55	21°29	W17
T 18	7 49 41	27°48'15	29°18	22°20	18°35	13°47	6°22	11°24	0°58	23°42	4° 0	17°D55	17°23	14° 2	21°26	T 18
F 19	7 53 38	28°49'21	12♉15	21° 8	19°47	14° 6	6°37	11°24	0°58	23°43	3°58	17°56	17°20	14° 8	21°23	F 19
S 20	7 57 34	29°50'27	25°37	20° 2	21° 0	14°24	6°51	11°R24	0°59	23°45	3°57	17°56	17°16	14°15	21°20	S 20
S 21	8 1 31	0♒51'31	9♊26	19° 5	22°12	14°42	7° 5	11°24	0°59	23°46	3°56	17°58	17°13	14°22	21°18	S 21
M22	8 5 27	1°52'35	23°42	18°16	23°25	15° 0	7°19	11°24	1° 0	23°48	3°54	17°59	17°10	14°28	21°15	M22
T 23	8 9 24	2°53'39	8♋23	17°36	24°37	15°17	7°33	11°23	1° 1	23°50	3°53	17°59	17° 7	14°35	21°13	T 23
W24	8 13 21	3°54'41	23°24	17° 6	25°50	15°33	7°47	11°23	1° 2	23°51	3°52	18°R 0	17° 4	14°42	21°10	W24
T 25	8 17 17	4°55'43	8♌37	16°45	27° 2	15°49	8° 2	11°23	1° 2	23°53	3°50	17°59	17° 0	14°48	21° 8	T 25
F 26	8 21 14	5°56'44	23°52	16°33	28°15	16° 5	8°16	11°22	1° 3	23°54	3°49	17°57	16°57	14°55	21° 6	F 26
S 27	8 25 10	6°57'44	8♍58	16°D30	29°28	16°21	8°30	11°21	1° 4	23°56	3°48	17°55	16°54	15° 2	21° 4	S 27
S 28	8 29 7	7°58'44	23°48	16°34	0♑41	16°35	8°44	11°21	1° 5	23°58	3°46	17°52	16°51	15° 8	21° 1	S 28
M29	8 33 3	8°59'43	8♎14	16°46	1°54	16°50	8°58	11°20	1° 6	23°59	3°45	17°49	16°48	15°15	20°59	M29
T 30	8 37 0	10° 0'41	22°14	17° 5	3° 7	17° 3	9°13	11°19	1° 7	24° 1	3°44	17°47	16°45	15°22	20°57	T 30
W31	8 40 56	11♒ 1'39	5♏46	17♑30	4♑20	17♎17	9♒27	11♎18	1♉ 8	24♓ 3	3♌42	17°D46	16♋41	15♒28	20♊55	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	23s 0	5n 4	5n 0	21s 6	1s 0	17s24	2n25	0s51	2n20	20s 2	0s27	2s13	2n20	11n18	0s31	3s41	1s 9	22n29	3n26	22n12	22n10	19s 8	17n16	5s56
T 2	22 55	0s 7	5 16	20 43	0 48	17 40	2 24	1 0	2 21	19 59	0 27	2 14	2 21	11 18	0 31	3 41	1 9	22 29	3 26	22 12	22 11	19 7	17 15	5 56
W 3	22 50	5 9	5 15	20 21	0 34	17 57	2 22	1 9	2 22	19 56	0 27	2 14	2 21	11 18	0 31	3 40	1 9	22 29	3 26	22 12	22 11	19 6	17 15	5 56
T 4	22 44	9 50	4 57	20 0	0 19	18 12	2 21	1 17	2 23	19 53	0 27	2 15	2 21	11 18	0 31	3 40	1 9	22 30	3 26	22 12	22 11	19 5	17 15	5 56
F 5	22 37	14 0	4 24	19 39	0 3	18 28	2 19	1 26	2 24	19 50	0 27	2 15	2 22	11 18	0 31	3 40	1 9	22 30	3 26	22 12	22 12	19 4	17 15	5 56
S 6	22 30	17 27	3 39	19 20	0n14	18 42	2 18	1 34	2 25	19 47	0 27	2 15	2 22	11 18	0 31	3 39	1 9	22 31	3 26	22 12	22 12	19 3	17 15	5 56
S 7	22 23	20 3	2 44	19 3	0 31	18 57	2 16	1 42	2 26	19 43	0 27	2 16	2 22	11 18	0 31	3 39	1 9	22 31	3 26	22 12	22 13	19 2	17 15	5 56
M 8	22 15	21 42	1 43	18 47	0 50	19 11	2 14	1 50	2 27	19 40	0 27	2 16	2 22	11 18	0 31	3 38	1 9	22 31	3 26	22 12	22 13	19 0	17 15	5 56
T 9	22 7	22 19	0 38	18 33	1 9	19 24	2 12	1 58	2 28	19 37	0 28	2 16	2 23	11 18	0 31	3 38	1 9	22 32	3 26	22 12	22 13	18 59	17 15	5 56
W10	21 59	21 54	0s28	18 22	1 28	19 37	2 10	2 6	2 28	19 34	0 28	2 16	2 23	11 18	0 31	3 37	1 9	22 32	3 26	22 12	22 14	18 58	17 15	5 56
T 11	21 50	20 31	1 33	18 14	1 47	19 50	2 8	2 13	2 29	19 30	0 28	2 16	2 23	11 18	0 31	3 37	1 9	22 33	3 27	22 12	22 14	18 57	17 15	5 55
F 12	21 40	18 14	2 33	18 7	2 5	20 2	2 6	2 21	2 30	19 27	0 28	2 17	2 24	11 18	0 31	3 36	1 9	22 33	3 27	22 12	22 15	18 56	17 15	5 55
S 13	21 30	15 12	3 27	18 4	2 23	20 14	2 4	2 28	2 31	19 24	0 28	2 17	2 24	11 18	0 31	3 36	1 8	22 33	3 27	22 12	22 15	18 55	17 15	5 55
S 14	21 20	11 33	4 12	18 2	2 39	20 25	2 2	2 35	2 32	19 21	0 28	2 17	2 24	11 18	0 31	3 35	1 8	22 34	3 27	22 13	22 16	18 54	17 15	5 55
M15	21 9	7 26	4 46	18 3	2 53	20 35	2 0	2 42	2 33	19 17	0 28	2 17	2 24	11 19	0 31	3 35	1 8	22 34	3 27	22 13	22 16	18 52	17 15	5 55
T 16	20 58	2 59	5 9	18 6	3 4	20 45	1 57	2 49	2 34	19 14	0 28	2 17	2 25	11 19	0 31	3 34	1 8	22 35	3 27	22 13	22 16	18 51	17 15	5 55
W17	20 47	1n40	5 17	18 10	3 14	20 55	1 55	2 56	2 35	19 10	0 28	2 16	2 25	11 19	0 31	3 33	1 8	22 35	3 27	22 13	22 17	18 50	17 15	5 54
T 18	20 35	6 21	5 11	18 16	3 21	21 3	1 52	3 2	2 36	19 7	0 28	2 16	2 25	11 19	0 31	3 33	1 8	22 35	3 27	22 13	22 17	18 49	17 15	5 54
F 19	20 22	10 54	4 49	18 23	3 25	21 12	1 50	3 8	2 37	19 3	0 28	2 16	2 26	11 19	0 31	3 32	1 8	22 36	3 27	22 13	22 18	18 48	17 15	5 54
S 20	20 10	15 4	4 12	18 31	3 27	21 19	1 47	3 15	2 38	19 0	0 28	2 16	2 26	11 19	0 31	3 32	1 8	22 36	3 27	22 13	22 18	18 46	17 15	5 54
S 21	19 57	18 35	3 18	18 39	3 26	21 27	1 45	3 21	2 39	18 56	0 28	2 16	2 26	11 20	0 31	3 31	1 8	22 37	3 27	22 13	22 18	18 45	17 15	5 54
M22	19 43	21 5	2 11	18 48	3 24	21 33	1 42	3 26	2 40	18 53	0 28	2 15	2 26	11 20	0 31	3 30	1 8	22 37	3 27	22 12	22 19	18 44	17 15	5 53
T 23	19 29	22 16	0 53	18 58	3 19	21 39	1 39	3 32	2 41	18 49	0 29	2 15	2 27	11 20	0 30	3 30	1 8	22 37	3 28	22 12	22 19	18 43	17 15	5 53
W24	19 15	21 53	0n30	19 7	3 14	21 44	1 37	3 38	2 42	18 46	0 29	2 15	2 27	11 21	0 30	3 29	1 8	22 38	3 28	22 12	22 20	18 42	17 15	5 53
T 25	19 1	19 53	1 52	19 17	3 6	21 49	1 34	3 43	2 43	18 42	0 29	2 14	2 27	11 21	0 30	3 28	1 8	22 38	3 28	22 12	22 20	18 40	17 15	5 53
F 26	18 46	16 28	3 6	19 26	2 58	21 53	1 31	3 48	2 44	18 39	0 29	2 14	2 28	11 21	0 30	3 28	1 8	22 39	3 28	22 13	22 20	18 39	17 15	5 52
S 27	18 31	12 0	4 6	19 36	2 49	21 57	1 28	3 53	2 45	18 35	0 29	2 13	2 28	11 22	0 30	3 27	1 8	22 39	3 28	22 13	22 21	18 38	17 15	5 52
S 28	18 15	6 52	4 48	19 45	2 40	22 0	1 25	3 58	2 46	18 31	0 29	2 13	2 28	11 22	0 30	3 26	1 8	22 39	3 28	22 13	22 21	18 37	17 15	5 52
M29	17 59	1 30	5 11	19 53	2 30	22 2	1 22	4 2	2 47	18 28	0 29	2 12	2 28	11 22	0 30	3 26	1 8	22 40	3 28	22 14	22 22	18 36	17 16	5 52
T 30	17 43	3s47	5 15	20 1	2 19	22 4	1 19	4 7	2 48	18 24	0 29	2 11	2 29	11 23	0 30	3 25	1 8	22 40	3 28	22 14	22 22	18 34	17 16	5 51
W31	17s27	8s42	5n 0	20s 9	2n 8	22s 5	1n16	4s11	2n49	18s20	0s29	2s11	2n29	11n23	0s30	3s24	1s 8	22n40	3n28	22n14	22n22	18s33	17n16	5s51

Julian Day Number = 2519845.5, Delta T = 150.82 sec
Ecliptic obliquity = 23°24'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'13, Lahiri = 26°28'13

ASTRODIENST EPHEMERIS for the year 2187
geocentric

FEBRUARY 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 53	12♒ 2'37	18♏52	18♑ 1	5♑33	17♎30	9♒41	11°R16	1♉ 9	24♓ 5	3°R41	17♋46	16♋38	15♒35	20°R53	T 1
F 2	8 48 50	13° 3'34	1♐36	18°38	6°46	17°42	9°55	11♎15	1°11	24° 7	3♌40	17°48	16°35	15°42	20♊52	F 2
S 3	8 52 46	14° 4'30	14° 1	19°19	7°59	17°54	10°10	11°14	1°12	24° 8	3°38	17°49	16°32	15°48	20°50	S 3
S 4	8 56 43	15° 5'25	26°12	20° 4	9°12	18° 5	10°24	11°12	1°13	24°10	3°37	17°51	16°29	15°55	20°48	S 4
M 5	9 0 39	16° 6'20	8♑12	20°53	10°25	18°15	10°38	11°11	1°15	24°12	3°36	17°52	16°26	16° 2	20°46	M 5
T 6	9 4 36	17° 7'14	20° 5	21°46	11°38	18°25	10°52	11° 9	1°16	24°14	3°34	17°R53	16°22	16° 8	20°45	T 6
W 7	9 8 32	18° 8'06	1♒55	22°43	12°52	18°35	11° 6	11° 7	1°17	24°16	3°33	17°52	16°19	16°15	20°43	W 7
T 8	9 12 29	19° 8'58	13°42	23°42	14° 5	18°44	11°21	11° 5	1°19	24°18	3°32	17°49	16°16	16°22	20°42	T 8
F 9	9 16 25	20° 9'49	25°31	24°44	15°18	18°52	11°35	11° 3	1°21	24°20	3°31	17°45	16°13	16°28	20°41	F 9
S 10	9 20 22	21°10'38	7♓22	25°48	16°31	19° 0	11°49	11° 1	1°22	24°22	3°29	17°39	16°10	16°35	20°39	S 10
S 11	9 24 19	22°11'26	19°18	26°55	17°45	19° 7	12° 3	10°59	1°24	24°24	3°28	17°33	16° 6	16°42	20°38	S 11
M12	9 28 15	23°12'12	1♈20	28° 4	18°58	19°13	12°17	10°56	1°25	24°26	3°27	17°26	16° 3	16°48	20°37	M12
T 13	9 32 12	24°12'57	13°31	29°15	20°12	19°19	12°31	10°54	1°27	24°28	3°26	17°19	16° 0	16°55	20°36	T 13
W14	9 36 8	25°13'41	25°52	0♒27	21°25	19°24	12°45	10°51	1°29	24°30	3°24	17°14	15°57	17° 2	20°35	W14
T 15	9 40 5	26°14'23	8♉27	1°42	22°38	19°28	12°59	10°49	1°31	24°32	3°23	17°11	15°54	17° 8	20°34	T 15
F 16	9 44 1	27°15'03	21°20	2°58	23°52	19°32	13°13	10°46	1°33	24°34	3°22	17°D 9	15°51	17°15	20°34	F 16
S 17	9 47 58	28°15'42	4♊33	4°15	25° 5	19°35	13°27	10°43	1°35	24°36	3°21	17° 9	15°47	17°22	20°33	S 17
S 18	9 51 54	29°16'19	18° 9	5°34	26°19	19°37	13°41	10°41	1°37	24°38	3°19	17°10	15°44	17°28	20°32	S 18
M19	9 55 51	0♓16'55	2♋10	6°54	27°32	19°38	13°55	10°38	1°39	24°40	3°18	17°12	15°41	17°35	20°32	M19
T 20	9 59 48	1°17'28	16°36	8°16	28°46	19°39	14° 9	10°35	1°41	24°42	3°17	17°R12	15°38	17°42	20°31	T 20
W21	10 3 44	2°18'00	1♌25	9°39	29°59	19°R39	14°23	10°31	1°43	24°44	3°16	17°12	15°35	17°48	20°31	W21
T 22	10 7 41	3°18'31	16°31	11° 3	1♒13	19°39	14°37	10°28	1°45	24°47	3°15	17° 9	15°32	17°55	20°30	T 22
F 23	10 11 37	4°18'59	1♍46	12°28	2°27	19°37	14°51	10°25	1°47	24°49	3°14	17° 4	15°28	18° 2	20°30	F 23
S 24	10 15 34	5°19'26	16°59	13°54	3°40	19°35	15° 5	10°22	1°49	24°51	3°13	16°57	15°25	18° 8	20°30	S 24
S 25	10 19 30	6°19'51	2♎ 0	15°22	4°54	19°33	15°18	10°18	1°51	24°53	3°11	16°49	15°22	18°15	20°D30	S 25
M26	10 23 27	7°20'15	16°40	16°50	6° 8	19°29	15°32	10°15	1°54	24°55	3°10	16°41	15°19	18°22	20°30	M26
T 27	10 27 23	8°20'37	0♏53	18°20	7°21	19°25	15°46	10°11	1°56	24°58	3° 9	16°34	15°16	18°28	20°30	T 27
W28	10 31 20	9♓20'58	14♏35	19♒50	8♒35	19♎19	16♒ 0	10♎ 8	1♉58	25♓ 0	3♌ 8	16♋29	15♋12	18♒35	20♊30	W28

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	17s10	13s 5	4n30	20s16	1n57	22s 5	1n13	4s15	2n50	18s17	0s29	2s10	2n29	11n24	0s30	3s23	1s 8	22n41	3n28	22n14	22n23	18s32	17n16	5s51
F 2	16 53	16 44	3 48	20 22	1 47	22 5	1 10	4 18	2 51	18 13	0 29	2 9	2 30	11 24	0 30	3 23	1 8	22 41	3 28	22 14	22 23	18 31	17 16	5 51
S 3	16 35	19 33	2 56	20 27	1 36	22 4	1 7	4 22	2 52	18 9	0 30	2 8	2 30	11 24	0 30	3 22	1 8	22 42	3 28	22 14	22 24	18 29	17 16	5 50
S 4	16 18	21 25	1 57	20 31	1 25	22 2	1 4	4 25	2 53	18 5	0 30	2 8	2 30	11 25	0 30	3 21	1 8	22 42	3 28	22 14	22 24	18 28	17 17	5 50
M 5	16 0	22 17	0 53	20 35	1 14	22 0	1 1	4 28	2 54	18 2	0 30	2 7	2 30	11 25	0 30	3 20	1 8	22 42	3 28	22 13	22 24	18 27	17 17	5 50
T 6	15 41	22 7	0s12	20 37	1 3	21 57	0 57	4 31	2 55	17 58	0 30	2 6	2 31	11 26	0 30	3 20	1 8	22 43	3 28	22 13	22 25	18 25	17 17	5 49
W 7	15 23	20 57	1 16	20 38	0 53	21 54	0 54	4 34	2 56	17 54	0 30	2 5	2 31	11 27	0 30	3 19	1 8	22 43	3 28	22 13	22 25	18 24	17 17	5 49
T 8	15 4	18 53	2 17	20 38	0 42	21 49	0 51	4 36	2 57	17 50	0 30	2 4	2 31	11 27	0 30	3 18	1 8	22 43	3 29	22 14	22 25	18 23	17 17	5 49
F 9	14 45	16 0	3 11	20 38	0 32	21 45	0 48	4 39	2 58	17 46	0 30	2 3	2 31	11 28	0 30	3 17	1 8	22 44	3 29	22 14	22 26	18 22	17 18	5 48
S 10	14 26	12 28	3 58	20 36	0 23	21 39	0 45	4 41	2 58	17 43	0 30	2 2	2 32	11 28	0 30	3 17	1 8	22 44	3 29	22 15	22 26	18 20	17 18	5 48
S 11	14 6	8 26	4 34	20 33	0 13	21 33	0 42	4 42	2 59	17 39	0 30	2 1	2 32	11 29	0 30	3 16	1 8	22 44	3 29	22 16	22 27	18 19	17 18	5 48
M12	13 46	4 2	4 59	20 28	0 3	21 26	0 38	4 44	3 0	17 35	0 30	1 59	2 32	11 29	0 30	3 15	1 8	22 45	3 29	22 17	22 27	18 18	17 18	5 48
T 13	13 26	0n34	5 10	20 23	0s 6	21 19	0 35	4 45	3 1	17 31	0 30	1 58	2 32	11 30	0 30	3 14	1 8	22 45	3 29	22 18	22 27	18 16	17 19	5 47
W14	13 6	5 12	5 7	20 16	0 14	21 11	0 32	4 46	3 2	17 27	0 31	1 57	2 33	11 31	0 30	3 13	1 8	22 45	3 29	22 18	22 28	18 15	17 19	5 47
T 15	12 45	9 44	4 50	20 8	0 23	21 3	0 29	4 47	3 3	17 23	0 31	1 56	2 33	11 31	0 30	3 13	1 8	22 46	3 29	22 19	22 28	18 14	17 19	5 47
F 16	12 25	13 56	4 17	19 59	0 31	20 53	0 26	4 48	3 4	17 19	0 31	1 55	2 33	11 32	0 30	3 12	1 8	22 46	3 29	22 19	22 29	18 12	17 19	5 46
S 17	12 4	17 34	3 31	19 49	0 39	20 44	0 22	4 48	3 5	17 16	0 31	1 53	2 33	11 33	0 30	3 11	1 8	22 46	3 29	22 19	22 29	18 11	17 20	5 46
S 18	11 43	20 23	2 31	19 37	0 47	20 33	0 19	4 48	3 6	17 12	0 31	1 52	2 34	11 33	0 30	3 10	1 8	22 47	3 29	22 19	22 29	18 10	17 20	5 46
M19	11 22	22 3	1 21	19 24	0 55	20 22	0 16	4 48	3 7	17 8	0 31	1 51	2 34	11 34	0 30	3 9	1 8	22 47	3 29	22 19	22 30	18 8	17 20	5 45
T 20	11 0	22 20	0 3	19 10	1 2	20 10	0 13	4 47	3 7	17 4	0 31	1 49	2 34	11 35	0 30	3 8	1 8	22 47	3 29	22 19	22 30	18 7	17 21	5 45
W21	10 39	21 4	1n16	18 55	1 8	19 58	0 10	4 47	3 8	17 0	0 31	1 48	2 34	11 36	0 30	3 7	1 8	22 48	3 29	22 19	22 30	18 6	17 21	5 44
T 22	10 17	18 17	2 32	18 38	1 15	19 45	0 7	4 46	3 9	16 56	0 31	1 46	2 34	11 36	0 30	3 7	1 8	22 48	3 29	22 19	22 31	18 4	17 21	5 44
F 23	9 55	14 13	3 37	18 21	1 21	19 32	0 4	4 44	3 10	16 52	0 32	1 45	2 35	11 37	0 30	3 6	1 8	22 48	3 29	22 20	22 31	18 3	17 22	5 44
S 24	9 33	9 14	4 27	18 2	1 27	19 18	0 1	4 43	3 10	16 48	0 32	1 43	2 35	11 38	0 29	3 5	1 8	22 48	3 29	22 20	22 31	18 2	17 22	5 43
S 25	9 11	3 45	4 57	17 41	1 33	19 4	0s 2	4 41	3 11	16 44	0 32	1 42	2 35	11 39	0 29	3 4	1 8	22 49	3 29	22 21	22 32	18 0	17 22	5 43
M26	8 48	1s49	5 7	17 20	1 38	18 49	0 5	4 39	3 12	16 40	0 32	1 40	2 35	11 40	0 29	3 3	1 8	22 49	3 29	22 22	22 32	17 59	17 23	5 43
T 27	8 26	7 6	4 58	16 57	1 43	18 33	0 8	4 37	3 12	16 36	0 32	1 39	2 35	11 40	0 29	3 2	1 8	22 49	3 29	22 23	22 33	17 58	17 23	5 42
W28	8s 3	11s52	4n31	16s33	1s47	18s17	0s11	4s35	3n13	16s32	0s32	1s37	2n36	11n41	0s29	3s 1	1s 8	22n50	3n29	22n24	22n33	17s56	17n23	5s42

Julian Day Number = 2519876.5, Delta T = 150.90 sec
Ecliptic obliquity = 23°24'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'17, Lahiri = 26°28'17

ASTRODIENST EPHEMERIS for the year 2187
geocentric

MARCH 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 16	10♓21'18	27♏48	21♒22	9♒49	19°R13	16♒13	10°R 4	2♉ 1	25♓ 2	3°R 7	16°R26	15♋ 9	18♒42	20♊31	T 1
F 2	10 39 13	11°21'36	10♐35	22°55	11° 2	19♎ 7	16°27	10♎ 0	2° 3	25° 4	3♌ 6	16°D25	15° 6	18°48	20°31	F 2
S 3	10 43 10	12°21'53	23° 0	24°29	12°16	18°59	16°40	9°56	2° 6	25° 6	3° 5	16♋26	15° 3	18°55	20°31	S 3
S 4	10 47 6	13°22'09	5♑ 8	26° 4	13°30	18°51	16°54	9°52	2° 8	25° 9	3° 4	16°27	15° 0	19° 2	20°32	S 4
M 5	10 51 3	14°22'23	17° 3	27°39	14°44	18°42	17° 7	9°48	2°11	25°11	3° 3	16°R27	14°57	19° 8	20°32	M 5
T 6	10 54 59	15°22'35	28°53	29°16	15°57	18°32	17°21	9°44	2°13	25°13	3° 2	16°26	14°53	19°15	20°33	T 6
W 7	10 58 56	16°22'46	10♒39	0♓54	17°11	18°21	17°34	9°40	2°16	25°15	3° 1	16°23	14°50	19°22	20°34	W 7
T 8	11 2 52	17°22'55	22°27	2°33	18°25	18°10	17°48	9°36	2°19	25°18	3° 0	16°18	14°47	19°28	20°34	T 8
F 9	11 6 49	18°23'02	4♓18	4°14	19°39	17°58	18° 1	9°32	2°21	25°20	2°59	16° 9	14°44	19°35	20°35	F 9
S 10	11 10 45	19°23'07	16°16	5°55	20°52	17°45	18°14	9°28	2°24	25°22	2°59	15°58	14°41	19°42	20°36	S 10
S 11	11 14 42	20°23'11	28°21	7°37	22° 6	17°31	18°27	9°23	2°27	25°24	2°58	15°46	14°37	19°48	20°37	S 11
M12	11 18 39	21°23'12	10♈34	9°20	23°20	17°17	18°40	9°19	2°29	25°27	2°57	15°33	14°34	19°55	20°38	M12
T 13	11 22 35	22°23'12	22°57	11° 5	24°34	17° 2	18°53	9°15	2°32	25°29	2°56	15°21	14°31	20° 2	20°40	T 13
W14	11 26 32	23°23'10	5♉30	12°51	25°48	16°46	19° 6	9°10	2°35	25°31	2°55	15°11	14°28	20° 8	20°41	W14
T 15	11 30 28	24°23'05	18°15	14°37	27° 2	16°29	19°19	9° 6	2°38	25°34	2°55	15° 3	14°25	20°15	20°42	T 15
F 16	11 34 25	25°22'59	1♊12	16°25	28°15	16°12	19°32	9° 1	2°41	25°36	2°54	14°58	14°22	20°22	20°44	F 16
S 17	11 38 21	26°22'50	14°25	18°15	29°29	15°55	19°45	8°57	2°44	25°38	2°53	14°56	14°18	20°28	20°45	S 17
S 18	11 42 18	27°22'39	27°55	20° 5	0♓43	15°36	19°58	8°52	2°47	25°40	2°52	14°D55	14°15	20°35	20°47	S 18
M19	11 46 14	28°22'26	11♋45	21°56	1°57	15°17	20°10	8°48	2°50	25°43	2°52	14°R56	14°12	20°42	20°48	M19
T 20	11 50 11	29°22'11	25°54	23°49	3°11	14°58	20°23	8°43	2°53	25°45	2°51	14°55	14° 9	20°48	20°50	T 20
W21	11 54 8	0♈21'53	10♌24	25°43	4°25	14°38	20°36	8°39	2°56	25°47	2°50	14°53	14° 6	20°55	20°52	W21
T 22	11 58 4	1°21'33	25°10	27°38	5°38	14°17	20°48	8°34	2°59	25°49	2°50	14°49	14° 3	21° 2	20°54	T 22
F 23	12 2 1	2°21'10	10♍ 7	29°34	6°52	13°56	21° 1	8°29	3° 2	25°52	2°49	14°41	13°59	21° 8	20°56	F 23
S 24	12 5 57	3°20'46	25° 8	1♈31	8° 6	13°35	21°13	8°25	3° 5	25°54	2°49	14°31	13°56	21°15	20°58	S 24
S 25	12 9 54	4°20'19	10♎ 1	3°29	9°20	13°13	21°25	8°20	3° 8	25°56	2°48	14°20	13°53	21°22	21° 0	S 25
M26	12 13 50	5°19'51	24°39	5°29	10°34	12°51	21°37	8°15	3°11	25°58	2°48	14° 9	13°50	21°28	21° 2	M26
T 27	12 17 47	6°19'21	8♏53	7°29	11°48	12°29	21°50	8°11	3°14	26° 1	2°47	13°58	13°47	21°35	21° 4	T 27
W28	12 21 43	7°18'48	22°41	9°30	13° 1	12° 6	22° 2	8° 6	3°17	26° 3	2°47	13°50	13°43	21°42	21° 6	W28
T 29	12 25 40	8°18'14	5♐59	11°31	14°15	11°44	22°14	8° 1	3°20	26° 5	2°46	13°44	13°40	21°48	21° 9	T 29
F 30	12 29 37	9°17'39	18°51	13°33	15°29	11°20	22°26	7°56	3°24	26° 7	2°46	13°41	13°37	21°55	21°11	F 30
S 31	12 33 33	10♈17'01	1♑20	15♈36	16♓43	10♎57	22♒37	7♎52	3♉27	26♓10	2♌45	13♋40	13♋34	22♒ 2	21♊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	7s41	15s54	3n51	16s 7	1s51	18s 0	0s14	4s32	3n14	16s28	0s32	1s36	2n36	11n42	0s29	3s 1	1s 8	22n50	3n29	22n24	22n33	17s55	17n24	5s42
F 2	7 18	19 2	3 1	15 40	1 55	17 43	0 17	4 29	3 14	16 24	0 32	1 34	2 36	11 43	0 29	3 0	1 8	22 50	3 29	22 24	22 34	17 53	17 24	5 41
S 3	6 55	21 11	2 3	15 13	1 58	17 25	0 20	4 26	3 15	16 20	0 33	1 32	2 36	11 44	0 29	2 59	1 8	22 50	3 29	22 24	22 34	17 52	17 24	5 41
S 4	6 32	22 18	1 1	14 43	2 1	17 7	0 23	4 22	3 15	16 16	0 33	1 31	2 36	11 45	0 29	2 58	1 8	22 51	3 29	22 24	22 34	17 51	17 25	5 41
M 5	6 9	22 23	0s 3	14 13	2 4	16 48	0 26	4 18	3 15	16 12	0 33	1 29	2 36	11 46	0 29	2 57	1 8	22 51	3 29	22 24	22 35	17 49	17 25	5 40
T 6	5 45	21 26	1 6	13 41	2 6	16 29	0 28	4 14	3 16	16 8	0 33	1 27	2 37	11 46	0 29	2 56	1 8	22 51	3 29	22 24	22 35	17 48	17 26	5 40
W 7	5 22	19 34	2 6	13 8	2 8	16 10	0 31	4 10	3 16	16 5	0 33	1 25	2 37	11 47	0 29	2 55	1 8	22 51	3 29	22 25	22 35	17 46	17 26	5 39
T 8	4 59	16 51	3 0	12 34	2 10	15 50	0 34	4 5	3 16	16 1	0 33	1 24	2 37	11 48	0 29	2 54	1 8	22 51	3 29	22 25	22 36	17 45	17 26	5 39
F 9	4 35	13 26	3 47	11 59	2 11	15 29	0 36	4 1	3 17	15 57	0 33	1 22	2 37	11 49	0 29	2 53	1 8	22 52	3 29	22 26	22 36	17 44	17 27	5 39
S 10	4 12	9 27	4 23	11 22	2 11	15 8	0 39	3 56	3 17	15 53	0 33	1 20	2 37	11 50	0 29	2 53	1 8	22 52	3 29	22 28	22 36	17 42	17 27	5 38
S 11	3 48	5 4	4 49	10 44	2 12	14 47	0 41	3 50	3 17	15 49	0 34	1 18	2 37	11 51	0 29	2 52	1 8	22 52	3 29	22 29	22 37	17 41	17 28	5 38
M12	3 25	0 26	5 1	10 5	2 11	14 25	0 44	3 45	3 17	15 45	0 34	1 16	2 38	11 52	0 29	2 51	1 8	22 52	3 29	22 31	22 37	17 39	17 28	5 38
T 13	3 1	4n16	5 0	9 25	2 11	14 3	0 46	3 39	3 17	15 41	0 34	1 15	2 38	11 53	0 29	2 50	1 8	22 52	3 29	22 32	22 37	17 38	17 29	5 37
W14	2 37	8 53	4 44	8 44	2 10	13 40	0 49	3 33	3 17	15 37	0 34	1 13	2 38	11 54	0 29	2 49	1 8	22 53	3 29	22 33	22 38	17 36	17 29	5 37
T 15	2 14	13 11	4 14	8 1	2 8	13 17	0 51	3 27	3 16	15 33	0 34	1 11	2 38	11 55	0 29	2 48	1 8	22 53	3 29	22 34	22 38	17 35	17 30	5 37
F 16	1 50	16 57	3 30	7 17	2 6	12 54	0 53	3 21	3 16	15 29	0 34	1 9	2 38	11 56	0 29	2 47	1 8	22 53	3 29	22 34	22 38	17 33	17 30	5 36
S 17	1 26	19 57	2 34	6 32	2 3	12 30	0 55	3 14	3 16	15 25	0 34	1 7	2 38	11 57	0 29	2 46	1 8	22 53	3 29	22 35	22 39	17 32	17 30	5 36
S 18	1 3	21 55	1 29	5 46	2 0	12 6	0 57	3 8	3 16	15 21	0 35	1 5	2 38	11 58	0 29	2 45	1 8	22 53	3 29	22 35	22 39	17 30	17 31	5 36
M19	0 39	22 37	0 17	4 59	1 57	11 42	1 0	3 1	3 15	15 18	0 35	1 3	2 38	11 59	0 29	2 44	1 8	22 53	3 29	22 35	22 40	17 29	17 31	5 35
T 20	0 15	21 54	0n58	4 11	1 53	11 17	1 2	2 54	3 15	15 14	0 35	1 2	2 38	12 0	0 29	2 44	1 8	22 54	3 29	22 35	22 40	17 28	17 32	5 35
W21	0n 9	19 43	2 11	3 21	1 48	10 52	1 4	2 47	3 14	15 10	0 35	1 0	2 38	12 1	0 29	2 43	1 8	22 54	3 29	22 35	22 40	17 26	17 32	5 35
T 22	0 32	16 11	3 16	2 31	1 43	10 27	1 5	2 39	3 13	15 6	0 35	0 58	2 39	12 2	0 29	2 42	1 8	22 54	3 29	22 36	22 41	17 25	17 33	5 34
F 23	0 56	11 36	4 8	1 40	1 37	10 1	1 7	2 32	3 12	15 2	0 35	0 56	2 39	12 3	0 29	2 41	1 8	22 54	3 29	22 36	22 41	17 23	17 33	5 34
S 24	1 20	6 17	4 44	0 47	1 31	9 36	1 9	2 25	3 12	14 58	0 35	0 54	2 39	12 4	0 29	2 40	1 8	22 54	3 29	22 37	22 41	17 22	17 34	5 34
S 25	1 43	0 38	5 0	0n 6	1 24	9 9	1 11	2 17	3 11	14 55	0 36	0 52	2 39	12 6	0 29	2 39	1 8	22 54	3 29	22 39	22 41	17 20	17 34	5 33
M26	2 7	4s57	4 56	1 0	1 17	8 43	1 13	2 10	3 10	14 51	0 36	0 50	2 39	12 7	0 29	2 38	1 8	22 54	3 29	22 40	22 42	17 19	17 35	5 33
T 27	2 30	10 8	4 33	1 54	1 9	8 16	1 14	2 2	3 9	14 47	0 36	0 48	2 39	12 8	0 29	2 37	1 8	22 54	3 29	22 41	22 42	17 17	17 35	5 33
W28	2 54	14 38	3 55	2 49	1 1	7 50	1 16	1 54	3 7	14 43	0 36	0 46	2 39	12 9	0 29	2 36	1 8	22 55	3 29	22 42	22 42	17 16	17 36	5 32
T 29	3 17	18 15	3 5	3 45	0 52	7 23	1 17	1 46	3 6	14 39	0 36	0 45	2 39	12 10	0 29	2 36	1 8	22 55	3 29	22 42	22 43	17 14	17 36	5 32
F 30	3 41	20 50	2 7	4 41	0 43	6 55	1 19	1 39	3 5	14 36	0 36	0 43	2 39	12 11	0 29	2 35	1 8	22 55	3 29	22 43	22 43	17 12	17 36	5 32
S 31	4n 4	22s20	1n 5	5n37	0s33	6s28	1s20	1s31	3n 3	14s32	0s36	0s41	2n39	12n12	0s29	2s34	1s 8	22n55	3n29	22n43	22n43	17s11	17n37	5s31

Julian Day Number = 2519904.5, Delta T = 150.97 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'21, Lahiri = 26°28'21

ASTRODIENST EPHEMERIS for the year 2187
geocentric

APRIL 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 30	11♈16'22	13♉30	17♈38	17♓57	10°R34	22♒49	7°R47	3♉30	26♓12	2°R45	13°R40	13♋31	22♒ 9	21♊16	S 1
M 2	12 41 26	12°15'41	25°27	19°40	19°11	10♎11	23° 1	7♎42	3°33	26°14	2♌45	13♋39	13°28	22°15	21°19	M 2
T 3	12 45 23	13°14'58	7♒17	21°42	20°25	9°47	23°12	7°38	3°37	26°16	2°44	13°38	13°24	22°22	21°22	T 3
W 4	12 49 19	14°14'13	19° 5	23°43	21°38	9°24	23°24	7°33	3°40	26°19	2°44	13°34	13°21	22°29	21°24	W 4
T 5	12 53 16	15°13'27	0♓55	25°43	22°52	9° 1	23°35	7°28	3°43	26°21	2°44	13°28	13°18	22°35	21°27	T 5
F 6	12 57 12	16°12'39	12°50	27°42	24° 6	8°38	23°47	7°24	3°47	26°23	2°43	13°19	13°15	22°42	21°30	F 6
S 7	13 1 9	17°11'48	24°55	29°39	25°20	8°15	23°58	7°19	3°50	26°25	2°43	13° 7	13°12	22°49	21°33	S 7
S 8	13 5 5	18°10'56	7♈11	1♉34	26°34	7°52	24° 9	7°14	3°53	26°27	2°43	12°54	13° 8	22°55	21°36	S 8
M 9	13 9 2	19°10'02	19°39	3°26	27°48	7°30	24°20	7°10	3°57	26°29	2°43	12°40	13° 5	23° 2	21°39	M 9
T 10	13 12 59	20° 9'05	2♉18	5°15	29° 2	7° 7	24°31	7° 5	4° 0	26°31	2°43	12°27	13° 2	23° 9	21°42	T 10
W11	13 16 55	21° 8'07	15° 9	7° 1	0♈15	6°46	24°42	7° 1	4° 3	26°34	2°43	12°15	12°59	23°15	21°46	W11
T 12	13 20 52	22° 7'07	28°12	8°43	1°29	6°24	24°52	6°56	4° 7	26°36	2°42	12° 6	12°56	23°22	21°49	T 12
F 13	13 24 48	23° 6'04	11♊25	10°21	2°43	6° 3	25° 3	6°52	4°10	26°38	2°42	12° 0	12°53	23°29	21°52	F 13
S 14	13 28 45	24° 5'00	24°50	11°55	3°57	5°43	25°13	6°48	4°13	26°40	2°42	11°57	12°49	23°35	21°56	S 14
S 15	13 32 41	25° 3'53	8♋27	13°25	5°11	5°23	25°24	6°43	4°17	26°42	2°D42	11°D57	12°46	23°42	21°59	S 15
M16	13 36 38	26° 2'43	22°15	14°50	6°25	5° 3	25°34	6°39	4°20	26°44	2°42	11°R57	12°43	23°49	22° 3	M16
T 17	13 40 34	27° 1'32	6♌17	16°10	7°38	4°44	25°44	6°35	4°24	26°46	2°42	11°56	12°40	23°55	22° 6	T 17
W18	13 44 31	28° 0'18	20°32	17°24	8°52	4°26	25°54	6°30	4°27	26°48	2°42	11°55	12°37	24° 2	22°10	W18
T 19	13 48 28	28°59'02	4♍57	18°34	10° 6	4° 8	26° 4	6°26	4°31	26°50	2°43	11°51	12°34	24° 9	22°13	T 19
F 20	13 52 24	29°57'43	19°30	19°37	11°20	3°51	26°14	6°22	4°34	26°52	2°43	11°44	12°30	24°15	22°17	F 20
S 21	13 56 21	0♉56'22	4♎ 5	20°36	12°33	3°35	26°24	6°18	4°37	26°54	2°43	11°35	12°27	24°22	22°21	S 21
S 22	14 0 17	1°55'00	18°36	21°28	13°47	3°19	26°34	6°14	4°41	26°56	2°43	11°25	12°24	24°29	22°25	S 22
M23	14 4 14	2°53'35	2♏55	22°15	15° 1	3° 4	26°43	6°10	4°44	26°58	2°43	11°14	12°21	24°35	22°29	M23
T 24	14 8 10	3°52'08	16°56	22°56	16°15	2°50	26°53	6° 6	4°48	27° 0	2°43	11° 4	12°18	24°42	22°33	T 24
W25	14 12 7	4°50'40	0♐36	23°32	17°29	2°37	27° 2	6° 2	4°51	27° 2	2°44	10°56	12°14	24°49	22°37	W25
T 26	14 16 3	5°49'09	13°52	24° 1	18°42	2°24	27°11	5°59	4°55	27° 4	2°44	10°51	12°11	24°55	22°41	T 26
F 27	14 20 0	6°47'38	26°44	24°24	19°56	2°12	27°20	5°55	4°58	27° 5	2°44	10°48	12° 8	25° 2	22°45	F 27
S 28	14 23 57	7°46'04	9♑14	24°42	21°10	2° 0	27°29	5°51	5° 2	27° 7	2°44	10°D47	12° 5	25° 9	22°49	S 28
S 29	14 27 53	8°44'29	21°27	24°54	22°24	1°50	27°38	5°48	5° 5	27° 9	2°45	10°47	12° 2	25°16	22°53	S 29
M30	14 31 50	9♉42'52	3♒27	25♉ 0	23♈37	1♎40	27♒46	5♎44	5♉ 8	27♓11	2♌45	10♋48	11♋59	25♒22	22♊57	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	4n27	22s43	0n 1	6n33	0s23	6s 0	1s21	1s23	3n 2	14s28	0s37	0s39	2n39	12n13	0s29	2s33	1s 8	22n55	3n29	22n43	22n44	17s 9	17n37	5s31	S 1
M 2	4 50	22 3	1s 2	7 29	0 13	5 32	1 22	1 16	3 0	14 25	0 37	0 37	2 39	12 14	0 29	2 32	1 8	22 55	3 29	22 43	22 44	17 8	17 38	5 31	M 2
T 3	5 14	20 23	2 2	8 25	0 2	5 5	1 24	1 8	2 59	14 21	0 37	0 35	2 39	12 15	0 29	2 31	1 8	22 55	3 29	22 43	22 44	17 6	17 38	5 30	T 3
W 4	5 36	17 52	2 56	9 20	0n 9	4 36	1 25	1 0	2 57	14 17	0 37	0 33	2 39	12 17	0 29	2 30	1 8	22 55	3 29	22 43	22 45	17 5	17 39	5 30	W 4
T 5	5 59	14 36	3 42	10 15	0 21	4 8	1 26	0 53	2 55	14 14	0 37	0 32	2 39	12 18	0 29	2 30	1 8	22 55	3 29	22 44	22 45	17 3	17 39	5 30	T 5
F 6	6 22	10 43	4 19	11 9	0 32	3 40	1 27	0 46	2 53	14 10	0 37	0 30	2 39	12 19	0 29	2 29	1 8	22 55	3 29	22 45	22 45	17 2	17 40	5 29	F 6
S 7	6 45	6 23	4 45	12 1	0 44	3 11	1 27	0 38	2 51	14 7	0 38	0 28	2 39	12 20	0 29	2 28	1 8	22 55	3 29	22 46	22 46	17 0	17 40	5 29	S 7
S 8	7 7	1 43	4 58	12 52	0 55	2 43	1 28	0 31	2 49	14 3	0 38	0 26	2 39	12 21	0 29	2 27	1 8	22 55	3 29	22 47	22 46	16 59	17 41	5 29	S 8
M 9	7 30	3n 5	4 58	13 41	1 7	2 14	1 29	0 24	2 47	14 0	0 38	0 24	2 39	12 22	0 29	2 26	1 8	22 55	3 29	22 49	22 46	16 57	17 41	5 28	M 9
T 10	7 52	7 50	4 42	14 29	1 18	1 45	1 30	0 18	2 45	13 56	0 38	0 23	2 39	12 23	0 29	2 25	1 8	22 55	3 29	22 50	22 47	16 55	17 42	5 28	T 10
W11	8 14	12 20	4 13	15 14	1 29	1 17	1 30	0 11	2 43	13 53	0 38	0 21	2 39	12 25	0 29	2 25	1 8	22 55	3 29	22 51	22 47	16 54	17 42	5 28	W11
T 12	8 36	16 20	3 29	15 58	1 40	0 48	1 31	0 5	2 41	13 49	0 39	0 19	2 39	12 26	0 29	2 24	1 8	22 55	3 29	22 52	22 47	16 52	17 43	5 28	T 12
F 13	8 58	19 35	2 34	16 39	1 50	0 19	1 31	0n 1	2 39	13 46	0 39	0 18	2 39	12 27	0 29	2 23	1 8	22 55	3 29	22 52	22 48	16 51	17 43	5 27	F 13
S 14	9 20	21 50	1 29	17 18	2 0	0n10	1 31	0 7	2 36	13 43	0 39	0 16	2 39	12 28	0 29	2 22	1 8	22 55	3 29	22 53	22 48	16 49	17 44	5 27	S 14
S 15	9 41	22 50	0 19	17 54	2 9	0 39	1 32	0 13	2 34	13 39	0 39	0 14	2 39	12 29	0 29	2 21	1 8	22 55	3 29	22 53	22 48	16 47	17 44	5 27	S 15
M16	10 3	22 28	0n54	18 27	2 17	1 8	1 32	0 19	2 31	13 36	0 39	0 13	2 39	12 30	0 29	2 21	1 8	22 55	3 29	22 53	22 48	16 46	17 45	5 27	M16
T 17	10 24	20 42	2 5	18 58	2 25	1 37	1 32	0 24	2 29	13 33	0 39	0 11	2 38	12 31	0 29	2 20	1 8	22 55	3 29	22 53	22 49	16 44	17 45	5 26	T 17
W18	10 45	17 37	3 9	19 26	2 32	2 6	1 32	0 29	2 26	13 30	0 40	0 9	2 38	12 33	0 28	2 19	1 8	22 55	3 29	22 53	22 49	16 43	17 46	5 26	W18
T 19	11 6	13 26	4 2	19 51	2 38	2 35	1 32	0 34	2 24	13 26	0 40	0 8	2 38	12 34	0 28	2 18	1 8	22 55	3 29	22 53	22 49	16 41	17 46	5 26	T 19
F 20	11 27	8 27	4 40	20 14	2 43	3 4	1 32	0 38	2 21	13 23	0 40	0 6	2 38	12 35	0 28	2 17	1 8	22 55	3 29	22 54	22 50	16 39	17 46	5 26	F 20
S 21	11 47	2 58	4 59	20 34	2 47	3 32	1 32	0 42	2 19	13 20	0 40	0 5	2 38	12 36	0 28	2 17	1 8	22 55	3 29	22 55	22 50	16 38	17 47	5 25	S 21
S 22	12 8	2s39	5 0	20 51	2 50	4 1	1 32	0 46	2 16	13 17	0 40	0 3	2 38	12 37	0 28	2 16	1 8	22 55	3 29	22 55	22 50	16 36	17 47	5 25	S 22
M23	12 28	8 4	4 41	21 5	2 52	4 30	1 32	0 49	2 14	13 14	0 41	0 2	2 38	12 38	0 28	2 15	1 9	22 55	3 29	22 56	22 51	16 35	17 48	5 25	M23
T 24	12 48	12 57	4 6	21 16	2 53	4 59	1 31	0 53	2 11	13 11	0 41	0 0	2 38	12 40	0 28	2 14	1 9	22 55	3 29	22 57	22 51	16 33	17 48	5 25	T 24
W25	13 7	17 3	3 17	21 25	2 52	5 27	1 31	0 56	2 8	13 8	0 41	0n 1	2 38	12 41	0 28	2 14	1 9	22 55	3 29	22 58	22 51	16 31	17 49	5 24	W25
T 26	13 27	20 9	2 18	21 31	2 51	5 55	1 31	0 58	2 6	13 5	0 41	0 2	2 38	12 42	0 28	2 13	1 9	22 55	3 28	22 58	22 51	16 30	17 49	5 24	T 26
F 27	13 46	22 8	1 14	21 34	2 48	6 24	1 30	1 1	2 3	13 2	0 41	0 4	2 37	12 43	0 28	2 12	1 9	22 55	3 28	22 59	22 52	16 28	17 50	5 24	F 27
S 28	14 5	22 57	0 8	21 35	2 44	6 52	1 30	1 3	2 1	12 59	0 42	0 5	2 37	12 44	0 28	2 12	1 9	22 54	3 28	22 59	22 52	16 26	17 50	5 24	S 28
S 29	14 24	22 38	0s57	21 32	2 39	7 20	1 29	1 5	1 58	12 56	0 42	0 6	2 37	12 45	0 28	2 11	1 9	22 54	3 28	22 59	22 52	16 25	17 50	5 23	S 29
M30	14n43	21s17	1s58	21n27	2n32	7n48	1s28	1n 6	1n55	12s54	0s42	0n 8	2n37	12n47	0s28	2s10	1s 9	22n54	3n28	22n59	22n53	16s23	17n51	5s23	M30

Julian Day Number = 2519935.5, Delta T = 151.04 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'25, Lahiri = 26°28'25

ASTRODIENST EPHEMERIS for the year 2187
geocentric

MAY 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 46	10♉41'14	15♒19	25°R 0	24♈51	1°R31	27♒55	5°R41	5♉12	27♓13	2♌46	10°R48	11♋55	25♒29	23♊ 2	T 1
W 2	14 39 43	11°39'34	27° 9	24♉55	26° 5	1♎23	28° 3	5♎37	5°15	27°15	2°46	10♋46	11°52	25°36	23° 6	W 2
T 3	14 43 39	12°37'52	9♓ 1	24°45	27°19	1°16	28°12	5°34	5°19	27°16	2°46	10°43	11°49	25°42	23°10	T 3
F 4	14 47 36	13°36'09	21° 1	24°30	28°32	1° 9	28°20	5°31	5°22	27°18	2°47	10°37	11°46	25°49	23°15	F 4
S 5	14 51 32	14°34'25	3♈12	24°10	29°46	1° 3	28°28	5°28	5°26	27°20	2°47	10°29	11°43	25°56	23°19	S 5
S 6	14 55 29	15°32'38	15°37	23°47	1♉ 0	0°58	28°36	5°25	5°29	27°21	2°48	10°20	11°40	26° 2	23°24	S 6
M 7	14 59 26	16°30'51	28°17	23°19	2°14	0°54	28°43	5°22	5°32	27°23	2°48	10°10	11°36	26° 9	23°28	M 7
T 8	15 3 22	17°29'01	11♉13	22°49	3°27	0°51	28°51	5°19	5°36	27°25	2°49	10° 1	11°33	26°16	23°33	T 8
W 9	15 7 19	18°27'10	24°24	22°16	4°41	0°48	28°58	5°16	5°39	27°26	2°50	9°53	11°30	26°22	23°37	W 9
T 10	15 11 15	19°25'18	7♊49	21°41	5°55	0°46	29° 6	5°13	5°43	27°28	2°50	9°47	11°27	26°29	23°42	T 10
F 11	15 15 12	20°23'23	21°26	21° 5	7° 8	0°45	29°13	5°11	5°46	27°29	2°51	9°43	11°24	26°36	23°46	F 11
S 12	15 19 8	21°21'27	5♋12	20°28	8°22	0°D45	29°20	5° 8	5°49	27°31	2°51	9°D42	11°20	26°42	23°51	S 12
S 13	15 23 5	22°19'29	19° 7	19°51	9°36	0°45	29°27	5° 6	5°53	27°32	2°52	9°42	11°17	26°49	23°56	S 13
M14	15 27 1	23°17'29	3♌ 8	19°15	10°49	0°46	29°33	5° 3	5°56	27°34	2°53	9°43	11°14	26°56	24° 1	M14
T 15	15 30 58	24°15'28	17°14	18°40	12° 3	0°48	29°40	5° 1	5°59	27°35	2°54	9°44	11°11	27° 2	24° 6	T 15
W16	15 34 55	25°13'24	1♍25	18° 7	13°17	0°51	29°46	4°59	6° 3	27°37	2°54	9°R44	11° 8	27° 9	24°10	W16
T 17	15 38 51	26°11'18	15°37	17°37	14°31	0°54	29°52	4°57	6° 6	27°38	2°55	9°43	11° 5	27°16	24°15	T 17
F 18	15 42 48	27° 9'11	29°50	17° 9	15°44	0°59	29°58	4°55	6° 9	27°40	2°56	9°39	11° 1	27°23	24°20	F 18
S 19	15 46 44	28° 7'02	13♎59	16°44	16°58	1° 4	0♓ 4	4°53	6°12	27°41	2°57	9°34	10°58	27°29	24°25	S 19
S 20	15 50 41	29° 4'51	28° 2	16°23	18°12	1° 9	0°10	4°51	6°16	27°42	2°58	9°28	10°55	27°36	24°30	S 20
M21	15 54 37	0♊ 2'39	11♏54	16° 6	19°25	1°15	0°16	4°49	6°19	27°43	2°58	9°22	10°52	27°43	24°35	M21
T 22	15 58 34	1° 0'25	25°32	15°54	20°39	1°22	0°21	4°48	6°22	27°45	2°59	9°16	10°49	27°49	24°40	T 22
W23	16 2 30	1°58'10	8♐53	15°45	21°52	1°30	0°26	4°46	6°25	27°46	3° 0	9°11	10°46	27°56	24°45	W23
T 24	16 6 27	2°55'53	21°56	15°D41	23° 6	1°38	0°31	4°45	6°29	27°47	3° 1	9° 8	10°42	28° 3	24°50	T 24
F 25	16 10 24	3°53'35	4♑39	15°42	24°20	1°47	0°36	4°44	6°32	27°48	3° 2	9°D 7	10°39	28° 9	24°55	F 25
S 26	16 14 20	4°51'16	17° 6	15°47	25°33	1°56	0°41	4°42	6°35	27°50	3° 3	9° 7	10°36	28°16	25° 0	S 26
S 27	16 18 17	5°48'56	29°18	15°56	26°47	2° 6	0°46	4°41	6°38	27°51	3° 4	9° 8	10°33	28°23	25° 5	S 27
M28	16 22 13	6°46'35	11♒18	16°10	28° 1	2°17	0°50	4°40	6°41	27°52	3° 5	9°10	10°30	28°29	25°11	M28
T 29	16 26 10	7°44'13	23°12	16°29	29°14	2°28	0°54	4°39	6°44	27°53	3° 6	9°12	10°26	28°36	25°16	T 29
W30	16 30 6	8°41'50	5♓ 3	16°51	0♊28	2°40	0°58	4°39	6°47	27°54	3° 7	9°R12	10°23	28°43	25°21	W30
T 31	16 34 3	9♊39'26	16♓57	17♉19	1♊42	2♎53	1♓ 2	4♎38	6♉50	27♓55	3♌ 8	9♋12	10♋20	28♒49	25♊26	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	15n 1	19s 0	2s54	21n20	2n24	8n15	1s27	1n 7	1n53	12s51	0s42	0n 9	2n37	12n48	0s28	2s10	1s 9	22n54	3n28	22n59	22n53	16s21	17n51	5s23
W 2	15 19	15 55	3 42	21 10	2 15	8 43	1 27	1 8	1 50	12 48	0 42	0 10	2 37	12 49	0 28	2 9	1 9	22 54	3 28	22 59	22 53	16 20	17 52	5 23
T 3	15 37	12 12	4 20	20 57	2 5	9 10	1 26	1 8	1 47	12 45	0 43	0 11	2 37	12 50	0 28	2 8	1 9	22 54	3 28	22 59	22 53	16 18	17 52	5 23
F 4	15 54	7 58	4 48	20 42	1 53	9 37	1 25	1 9	1 45	12 43	0 43	0 12	2 37	12 51	0 28	2 8	1 9	22 54	3 28	22 59	22 54	16 16	17 52	5 23
S 5	16 12	3 22	5 3	20 25	1 40	10 4	1 24	1 9	1 42	12 40	0 43	0 13	2 36	12 52	0 28	2 7	1 9	22 54	3 28	23 0	22 54	16 15	17 53	5 22
S 6	16 29	1n28	5 4	20 6	1 27	10 31	1 23	1 8	1 40	12 38	0 43	0 15	2 36	12 53	0 28	2 6	1 9	22 53	3 28	23 1	22 54	16 13	17 53	5 22
M 7	16 45	6 19	4 50	19 45	1 12	10 57	1 22	1 8	1 37	12 35	0 44	0 16	2 36	12 55	0 28	2 6	1 9	22 53	3 28	23 1	22 54	16 11	17 54	5 22
T 8	17 2	11 1	4 22	19 22	0 56	11 24	1 20	1 7	1 34	12 33	0 44	0 17	2 36	12 56	0 28	2 5	1 9	22 53	3 28	23 2	22 55	16 9	17 54	5 22
W 9	17 18	15 19	3 39	18 58	0 40	11 49	1 19	1 5	1 32	12 30	0 44	0 18	2 36	12 57	0 28	2 4	1 9	22 53	3 28	23 3	22 55	16 8	17 54	5 22
T 10	17 34	18 55	2 43	18 33	0 23	12 15	1 18	1 4	1 29	12 28	0 44	0 18	2 36	12 58	0 28	2 4	1 9	22 53	3 28	23 3	22 55	16 6	17 55	5 22
F 11	17 50	21 32	1 37	18 6	0 6	12 41	1 17	1 2	1 27	12 26	0 44	0 19	2 35	12 59	0 28	2 3	1 9	22 53	3 28	23 4	22 56	16 4	17 55	5 21
S 12	18 5	22 55	0 24	17 40	0s11	13 6	1 15	1 0	1 24	12 24	0 45	0 20	2 35	13 0	0 28	2 3	1 9	22 52	3 28	23 4	22 56	16 3	17 55	5 21
S 13	18 20	22 53	0n51	17 13	0 29	13 30	1 14	0 57	1 22	12 21	0 45	0 21	2 35	13 1	0 28	2 2	1 9	22 52	3 28	23 4	22 56	16 1	17 56	5 21
M14	18 35	21 26	2 3	16 47	0 46	13 55	1 12	0 55	1 19	12 19	0 45	0 22	2 35	13 2	0 28	2 2	1 9	22 52	3 28	23 4	22 56	15 59	17 56	5 21
T 15	18 49	18 39	3 9	16 21	1 4	14 19	1 11	0 52	1 17	12 17	0 45	0 22	2 35	13 3	0 28	2 1	1 9	22 52	3 28	23 3	22 57	15 57	17 56	5 21
W16	19 3	14 45	4 3	15 55	1 20	14 43	1 9	0 48	1 15	12 15	0 46	0 23	2 34	13 5	0 28	2 1	1 9	22 52	3 28	23 3	22 57	15 56	17 57	5 21
T 17	19 17	10 0	4 43	15 31	1 36	15 6	1 7	0 45	1 12	12 13	0 46	0 24	2 34	13 6	0 28	2 0	1 9	22 52	3 28	23 4	22 57	15 54	17 57	5 21
F 18	19 30	4 44	5 5	15 9	1 52	15 29	1 6	0 41	1 10	12 11	0 46	0 24	2 34	13 7	0 28	2 0	1 9	22 51	3 28	23 4	22 57	15 52	17 57	5 21
S 19	19 43	0s46	5 8	14 48	2 7	15 52	1 4	0 37	1 8	12 9	0 46	0 25	2 34	13 8	0 28	1 59	1 9	22 51	3 28	23 4	22 58	15 50	17 58	5 20
S 20	19 56	6 12	4 53	14 29	2 20	16 14	1 2	0 33	1 5	12 8	0 47	0 25	2 34	13 9	0 28	1 59	1 9	22 51	3 28	23 5	22 58	15 49	17 58	5 20
M21	20 8	11 15	4 21	14 12	2 33	16 36	1 0	0 28	1 3	12 6	0 47	0 26	2 33	13 10	0 28	1 58	1 10	22 51	3 28	23 5	22 58	15 47	17 58	5 20
T 22	20 20	15 39	3 35	13 57	2 45	16 57	0 59	0 23	1 1	12 4	0 47	0 26	2 33	13 11	0 28	1 58	1 10	22 51	3 28	23 5	22 58	15 45	17 59	5 20
W23	20 32	19 10	2 37	13 44	2 56	17 18	0 57	0 18	0 59	12 3	0 47	0 27	2 33	13 12	0 28	1 57	1 10	22 50	3 28	23 6	22 59	15 43	17 59	5 20
T 24	20 43	21 38	1 32	13 33	3 6	17 39	0 55	0 13	0 56	12 1	0 48	0 27	2 33	13 13	0 28	1 57	1 10	22 50	3 28	23 6	22 59	15 42	17 59	5 20
F 25	20 54	22 56	0 24	13 25	3 14	17 59	0 53	0 7	0 54	12 0	0 48	0 28	2 33	13 14	0 28	1 56	1 10	22 50	3 28	23 6	22 59	15 40	17 59	5 20
S 26	21 5	23 2	0s43	13 19	3 22	18 18	0 51	0 2	0 52	11 58	0 48	0 28	2 32	13 15	0 28	1 56	1 10	22 50	3 28	23 6	22 59	15 38	18 0	5 20
S 27	21 15	22 2	1 48	13 16	3 28	18 38	0 49	0s 4	0 50	11 57	0 48	0 28	2 32	13 16	0 28	1 55	1 10	22 49	3 28	23 6	23 0	15 36	18 0	5 20
M28	21 25	20 3	2 47	13 14	3 34	18 56	0 47	0 10	0 48	11 55	0 49	0 28	2 32	13 17	0 28	1 55	1 10	22 49	3 28	23 6	23 0	15 34	18 0	5 20
T 29	21 35	17 12	3 38	13 15	3 38	19 14	0 45	0 17	0 46	11 54	0 49	0 28	2 32	13 18	0 28	1 55	1 10	22 49	3 28	23 6	23 0	15 33	18 0	5 20
W30	21 44	13 40	4 20	13 19	3 42	19 32	0 42	0 23	0 44	11 53	0 49	0 29	2 32	13 19	0 28	1 54	1 10	22 49	3 28	23 6	23 0	15 31	18 1	5 20
T 31	21n53	9s36	4s50	13n24	3s44	19n49	0s40	0s30	0n42	11s52	0s49	0n29	2n31	13n20	0s28	1s54	1s10	22n48	3n28	23n 6	23n 1	15s29	18n 1	5s20

Julian Day Number = 2519965.5, Delta T = 151.12 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'29, Lahiri = 26°28'30

ASTRODIENST EPHEMERIS for the year 2187
geocentric

JUNE 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 59	10♊37'01	28♓58	17♉50	2♊55	3♎ 6	1♓ 6	4°R37	6♉53	27♓56	3♌ 9	9°R11	10♋17	28♒56	25♊31	F 1
S 2	16 41 56	11°34'35	11♈12	18°25	4° 9	3°19	1° 9	4♎37	6°56	27°57	3°11	9♋ 8	10°14	29° 3	25°37	S 2
S 3	16 45 53	12°32'08	23°41	19° 5	5°23	3°33	1°13	4°36	6°59	27°58	3°12	9° 5	10°11	29°10	25°42	S 3
M 4	16 49 49	13°29'40	6♉28	19°48	6°36	3°48	1°16	4°36	7° 2	27°59	3°13	9° 1	10° 7	29°16	25°47	M 4
T 5	16 53 46	14°27'12	19°36	20°35	7°50	4° 3	1°19	4°36	7° 5	27°59	3°14	8°57	10° 4	29°23	25°52	T 5
W 6	16 57 42	15°24'43	3♊ 3	21°26	9° 4	4°19	1°22	4°36	7° 8	28° 0	3°15	8°54	10° 1	29°30	25°58	W 6
T 7	17 1 39	16°22'12	16°49	22°20	10°17	4°35	1°24	4°D36	7°11	28° 1	3°16	8°51	9°58	29°36	26° 3	T 7
F 8	17 5 35	17°19'41	0♋50	23°18	11°31	4°52	1°27	4°36	7°14	28° 2	3°18	8°50	9°55	29°43	26° 8	F 8
S 9	17 9 32	18°17'09	15° 3	24°19	12°45	5° 9	1°29	4°36	7°16	28° 3	3°19	8°D50	9°52	29°50	26°14	S 9
S 10	17 13 28	19°14'36	29°23	25°23	13°58	5°26	1°31	4°36	7°19	28° 3	3°20	8°51	9°48	29°56	26°19	S 10
M11	17 17 25	20°12'02	13♌46	26°31	15°12	5°44	1°33	4°37	7°22	28° 4	3°21	8°52	9°45	0♓ 3	26°24	M11
T 12	17 21 22	21° 9'26	28° 8	27°42	16°26	6° 3	1°35	4°37	7°25	28° 5	3°23	8°53	9°42	0°10	26°30	T 12
W13	17 25 18	22° 6'49	12♍26	28°56	17°39	6°22	1°36	4°38	7°27	28° 5	3°24	8°54	9°39	0°16	26°35	W13
T 14	17 29 15	23° 4'12	26°37	0♊13	18°53	6°42	1°37	4°38	7°30	28° 6	3°25	8°R54	9°36	0°23	26°40	T 14
F 15	17 33 11	24° 1'33	10♎38	1°34	20° 7	7° 2	1°38	4°39	7°33	28° 6	3°27	8°54	9°32	0°30	26°46	F 15
S 16	17 37 8	24°58'53	24°29	2°57	21°20	7°22	1°39	4°40	7°35	28° 7	3°28	8°53	9°29	0°37	26°51	S 16
S 17	17 41 4	25°56'12	8♏ 8	4°23	22°34	7°43	1°40	4°41	7°38	28° 7	3°29	8°51	9°26	0°43	26°57	S 17
M18	17 45 1	26°53'30	21°34	5°53	23°48	8° 4	1°41	4°42	7°40	28° 8	3°31	8°50	9°23	0°50	27° 2	M18
T 19	17 48 57	27°50'48	4♐47	7°25	25° 1	8°25	1°41	4°43	7°43	28° 8	3°32	8°48	9°20	0°57	27° 7	T 19
W20	17 52 54	28°48'05	17°45	9° 0	26°15	8°47	1°R41	4°45	7°45	28° 8	3°34	8°47	9°17	1° 3	27°13	W20
T 21	17 56 51	29°45'21	0♑28	10°38	27°29	9° 9	1°41	4°46	7°48	28° 9	3°35	8°47	9°13	1°10	27°18	T 21
F 22	18 0 47	0♋42'37	12°58	12°19	28°42	9°32	1°41	4°48	7°50	28° 9	3°36	8°D47	9°10	1°17	27°24	F 22
S 23	18 4 44	1°39'52	25°16	14° 3	29°56	9°55	1°40	4°49	7°52	28° 9	3°38	8°47	9° 7	1°23	27°29	S 23
S 24	18 8 40	2°37'07	7♒22	15°50	1♋10	10°19	1°40	4°51	7°55	28°10	3°39	8°47	9° 4	1°30	27°34	S 24
M25	18 12 37	3°34'22	19°20	17°39	2°23	10°42	1°39	4°53	7°57	28°10	3°41	8°48	9° 1	1°37	27°40	M25
T 26	18 16 33	4°31'36	1♓13	19°31	3°37	11° 6	1°38	4°55	7°59	28°10	3°42	8°48	8°58	1°43	27°45	T 26
W27	18 20 30	5°28'50	13° 4	21°26	4°51	11°31	1°37	4°57	8° 1	28°10	3°44	8°49	8°54	1°50	27°50	W27
T 28	18 24 27	6°26'04	24°58	23°23	6° 4	11°56	1°35	4°59	8° 4	28°10	3°45	8°49	8°51	1°57	27°56	T 28
F 29	18 28 23	7°23'18	6♈59	25°23	7°18	12°21	1°34	5° 1	8° 6	28°10	3°47	8°R49	8°48	2° 4	28° 1	F 29
S 30	18 32 20	8♋20'32	19♈12	27♊24	8♋32	12♎46	1♓32	5♎ 3	8♉ 8	28♓10	3♌48	8°D49	8♋45	2♓10	28♊ 6	S 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	
F 1	22n 1	5s 7	5s 8	13n31	3s46	20n 6	0s38	0s37	0n40	11s51	0s50	0n29	2n31	13n21	0s28	1s54	1s10	22n48	3n28	23n 6	23n 1	15s27	18n 1	5s20	F 1
S 2	22 9	0 23	5 13	13 40	3 46	20 22	0 36	0 44	0 38	11 50	0 50	0 29	2 31	13 22	0 28	1 53	1 10	22 48	3 28	23 6	23 1	15 25	18 1	5 20	S 2
S 3	22 17	4n29	5 3	13 51	3 46	20 38	0 34	0 52	0 36	11 49	0 50	0 29	2 31	13 23	0 28	1 53	1 10	22 48	3 28	23 6	23 1	15 24	18 1	5 20	S 3
M 4	22 24	9 17	4 38	14 4	3 45	20 52	0 31	0 59	0 34	11 48	0 50	0 29	2 30	13 24	0 28	1 53	1 10	22 47	3 28	23 6	23 2	15 22	18 1	5 20	M 4
T 5	22 31	13 47	3 58	14 18	3 43	21 7	0 29	1 7	0 32	11 47	0 51	0 28	2 30	13 25	0 28	1 52	1 10	22 47	3 28	23 7	23 2	15 20	18 2	5 19	T 5
W 6	22 37	17 44	3 4	14 34	3 40	21 21	0 27	1 15	0 30	11 46	0 51	0 28	2 30	13 26	0 28	1 52	1 10	22 47	3 28	23 7	23 2	15 18	18 2	5 19	W 6
T 7	22 43	20 48	1 58	14 51	3 36	21 34	0 24	1 23	0 29	11 46	0 51	0 28	2 30	13 27	0 28	1 52	1 10	22 46	3 28	23 7	23 2	15 16	18 2	5 19	T 7
F 8	22 49	22 41	0 44	15 9	3 32	21 46	0 22	1 31	0 27	11 45	0 51	0 28	2 29	13 28	0 28	1 52	1 10	22 46	3 28	23 7	23 3	15 14	18 2	5 20	F 8
S 9	22 54	23 8	0n34	15 29	3 27	21 58	0 20	1 39	0 25	11 44	0 52	0 28	2 29	13 29	0 28	1 51	1 10	22 46	3 28	23 7	23 3	15 13	18 2	5 20	S 9
S 10	22 59	22 4	1 51	15 50	3 21	22 10	0 17	1 48	0 23	11 44	0 52	0 27	2 29	13 29	0 28	1 51	1 10	22 46	3 28	23 7	23 3	15 11	18 2	5 20	S 10
M11	23 3	19 34	3 1	16 11	3 15	22 21	0 15	1 57	0 22	11 44	0 52	0 27	2 29	13 30	0 28	1 51	1 10	22 45	3 28	23 7	23 3	15 9	18 2	5 20	M11
T 12	23 7	15 51	4 0	16 34	3 8	22 31	0 13	2 6	0 20	11 43	0 52	0 26	2 29	13 31	0 29	1 51	1 11	22 45	3 28	23 7	23 4	15 7	18 3	5 20	T 12
W13	23 11	11 15	4 43	16 57	3 1	22 40	0 10	2 15	0 18	11 43	0 53	0 26	2 28	13 32	0 29	1 50	1 11	22 45	3 28	23 7	23 4	15 5	18 3	5 20	W13
T 14	23 14	6 4	5 9	17 21	2 53	22 49	0 8	2 24	0 17	11 43	0 53	0 25	2 28	13 33	0 29	1 50	1 11	22 44	3 28	23 7	23 4	15 3	18 3	5 20	T 14
F 15	23 17	0 38	5 16	17 46	2 45	22 57	0 6	2 33	0 15	11 43	0 53	0 25	2 28	13 34	0 29	1 50	1 11	22 44	3 28	23 7	23 4	15 2	18 3	5 20	F 15
S 16	23 19	4s46	5 4	18 11	2 36	23 5	0 3	2 43	0 13	11 43	0 54	0 24	2 28	13 35	0 29	1 50	1 11	22 44	3 28	23 7	23 5	15 0	18 3	5 20	S 16
S 17	23 21	9 51	4 36	18 36	2 26	23 12	0 1	2 53	0 12	11 43	0 54	0 24	2 27	13 35	0 29	1 50	1 11	22 43	3 28	23 7	23 5	14 58	18 3	5 20	S 17
M18	23 23	14 24	3 52	19 2	2 16	23 18	0n 2	3 2	0 10	11 43	0 54	0 23	2 27	13 36	0 29	1 50	1 11	22 43	3 28	23 7	23 5	14 56	18 3	5 20	M18
T 19	23 24	18 10	2 57	19 27	2 6	23 23	0 4	3 12	0 9	11 43	0 54	0 22	2 27	13 37	0 29	1 49	1 11	22 43	3 28	23 7	23 5	14 54	18 3	5 20	T 19
W20	23 25	20 58	1 54	19 52	1 56	23 28	0 6	3 22	0 7	11 43	0 55	0 22	2 27	13 38	0 29	1 49	1 11	22 42	3 28	23 7	23 5	14 52	18 3	5 20	W20
T 21	23 25	22 39	0 46	20 17	1 45	23 32	0 9	3 32	0 6	11 43	0 55	0 21	2 26	13 39	0 29	1 49	1 11	22 42	3 28	23 7	23 6	14 50	18 3	5 20	T 21
F 22	23 25	23 10	0s23	20 42	1 34	23 36	0 11	3 43	0 4	11 44	0 55	0 20	2 26	13 39	0 29	1 49	1 11	22 42	3 28	23 7	23 6	14 48	18 3	5 20	F 22
S 23	23 24	22 32	1 30	21 6	1 23	23 38	0 13	3 53	0 3	11 44	0 55	0 19	2 26	13 40	0 29	1 49	1 11	22 41	3 28	23 7	23 6	14 46	18 3	5 20	S 23
S 24	23 23	20 52	2 32	21 29	1 11	23 40	0 16	4 4	0 1	11 44	0 56	0 18	2 26	13 41	0 29	1 49	1 11	22 41	3 28	23 7	23 6	14 44	18 3	5 20	S 24
M25	23 22	18 16	3 26	21 51	0 59	23 42	0 18	4 14	0s 0	11 45	0 56	0 17	2 26	13 42	0 29	1 49	1 11	22 41	3 28	23 7	23 7	14 43	18 3	5 21	M25
T 26	23 20	14 57	4 12	22 12	0 48	23 42	0 20	4 25	0 2	11 46	0 56	0 16	2 25	13 42	0 29	1 49	1 11	22 40	3 28	23 7	23 7	14 41	18 3	5 21	T 26
W27	23 18	11 2	4 46	22 32	0 36	23 42	0 23	4 36	0 3	11 46	0 57	0 15	2 25	13 43	0 29	1 49	1 11	22 40	3 28	23 7	23 7	14 39	18 3	5 21	W27
T 28	23 15	6 42	5 8	22 51	0 24	23 41	0 25	4 47	0 4	11 47	0 57	0 14	2 25	13 44	0 29	1 49	1 11	22 40	3 28	23 7	23 7	14 37	18 3	5 21	T 28
F 29	23 13	2 5	5 17	23 7	0 13	23 40	0 27	4 58	0 6	11 48	0 57	0 13	2 25	13 44	0 29	1 49	1 11	22 39	3 28	23 7	23 7	14 35	18 3	5 21	F 29
S 30	23n 9	2n42	5s12	23n22	0s 2	23n38	0n30	5s 9	0s 7	11s49	0s57	0n12	2n24	13n45	0s29	1s49	1s11	22n39	3n28	23n 7	23n 8	14s33	18n 3	5s21	S 30

Julian Day Number = 2519996.5, Delta T = 151.19 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'33, Lahiri = 26°28'34

ASTRODIENST EPHEMERIS for the year 2187
geocentric

JULY 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 16	9♋17'45	1♉41	29♊28	9♋46	13♎12	1°R30	5♎ 5	8♉10	28°R10	3♌50	8♋49	8♋42	2♓17	28♊12	S 1
M 2	18 40 13	10°14'59	14°29	1♋34	10°59	13°38	1♓28	5° 8	8°12	28♓10	3°51	8°49	8°38	2°24	28°17	M 2
T 3	18 44 9	11°12'13	27°40	3°41	12°13	14° 4	1°25	5°11	8°14	28°10	3°53	8°49	8°35	2°30	28°22	T 3
W 4	18 48 6	12° 9'27	11♊14	5°49	13°27	14°31	1°23	5°13	8°16	28°10	3°55	8°50	8°32	2°37	28°28	W 4
T 5	18 52 2	13° 6'42	25°13	7°58	14°41	14°58	1°20	5°16	8°18	28°10	3°56	8°50	8°29	2°44	28°33	T 5
F 6	18 55 59	14° 3'56	9♋32	10° 8	15°54	15°25	1°17	5°19	8°20	28°10	3°58	8°R50	8°26	2°50	28°38	F 6
S 7	18 59 56	15° 1'10	24° 8	12°19	17° 8	15°53	1°14	5°22	8°21	28°10	3°59	8°50	8°23	2°57	28°44	S 7
S 8	19 3 52	15°58'24	8♌54	14°29	18°22	16°20	1°11	5°25	8°23	28°10	4° 1	8°49	8°19	3° 4	28°49	S 8
M 9	19 7 49	16°55'38	23°42	16°40	19°36	16°48	1° 7	5°28	8°25	28° 9	4° 3	8°49	8°16	3°11	28°54	M 9
T 10	19 11 45	17°52'51	8♍27	18°50	20°50	17°17	1° 4	5°31	8°27	28° 9	4° 4	8°48	8°13	3°17	28°59	T 10
W11	19 15 42	18°50'05	23° 1	20°59	22° 3	17°45	1° 0	5°34	8°28	28° 9	4° 6	8°47	8°10	3°24	29° 5	W11
T 12	19 19 38	19°47'18	7♎20	23° 7	23°17	18°14	0°56	5°38	8°30	28° 9	4° 7	8°46	8° 7	3°31	29°10	T 12
F 13	19 23 35	20°44'31	21°22	25°15	24°31	18°43	0°52	5°41	8°31	28° 8	4° 9	8°D46	8° 4	3°37	29°15	F 13
S 14	19 27 31	21°41'44	5♏ 4	27°21	25°45	19°13	0°47	5°45	8°33	28° 8	4°11	8°46	8° 0	3°44	29°20	S 14
S 15	19 31 28	22°38'57	18°28	29°26	26°59	19°43	0°43	5°48	8°34	28° 7	4°12	8°47	7°57	3°51	29°25	S 15
M16	19 35 25	23°36'09	1♐35	1♌29	28°12	20°12	0°38	5°52	8°36	28° 7	4°14	8°48	7°54	3°57	29°30	M16
T 17	19 39 21	24°33'22	14°26	3°31	29°26	20°43	0°34	5°56	8°37	28° 6	4°16	8°49	7°51	4° 4	29°35	T 17
W18	19 43 18	25°30'35	27° 3	5°31	0♌40	21°13	0°29	6° 0	8°39	28° 6	4°17	8°50	7°48	4°11	29°40	W18
T 19	19 47 14	26°27'48	9♑29	7°29	1°54	21°44	0°23	6° 4	8°40	28° 5	4°19	8°R51	7°44	4°18	29°45	T 19
F 20	19 51 11	27°25'02	21°44	9°26	3° 8	22°14	0°18	6° 8	8°41	28° 5	4°21	8°50	7°41	4°24	29°50	F 20
S 21	19 55 7	28°22'16	3♒50	11°21	4°21	22°45	0°13	6°12	8°42	28° 4	4°22	8°49	7°38	4°31	29°55	S 21
S 22	19 59 4	29°19'30	15°50	13°14	5°35	23°17	0° 7	6°16	8°43	28° 3	4°24	8°46	7°35	4°38	0♋ 0	S 22
M23	20 3 0	0♌16'44	27°44	15° 5	6°49	23°48	0° 1	6°20	8°44	28° 3	4°26	8°43	7°32	4°44	0° 5	M23
T 24	20 6 57	1°14'00	9♓36	16°54	8° 3	24°20	29♒56	6°25	8°46	28° 2	4°27	8°39	7°29	4°51	0°10	T 24
W25	20 10 54	2°11'15	21°27	18°42	9°17	24°52	29°50	6°29	8°47	28° 1	4°29	8°36	7°25	4°58	0°15	W25
T 26	20 14 50	3° 8'32	3♈21	20°28	10°31	25°24	29°44	6°34	8°48	28° 1	4°31	8°33	7°22	5° 4	0°20	T 26
F 27	20 18 47	4° 5'49	15°21	22°12	11°45	25°56	29°37	6°38	8°48	28° 0	4°32	8°30	7°19	5°11	0°25	F 27
S 28	20 22 43	5° 3'08	27°32	23°54	12°59	26°29	29°31	6°43	8°49	27°59	4°34	8°29	7°16	5°18	0°29	S 28
S 29	20 26 40	6° 0'27	9♉58	25°35	14°12	27° 1	29°24	6°48	8°50	27°58	4°36	8°D29	7°13	5°25	0°34	S 29
M30	20 30 36	6°57'47	22°42	27°13	15°26	27°34	29°18	6°52	8°51	27°57	4°37	8°29	7° 9	5°31	0°39	M30
T 31	20 34 33	7♌55'08	5♊49	28♌50	16♌40	28♎ 7	29♒11	6♎57	8♉52	27♓56	4♌39	8♋31	7♋ 6	5♓38	0♋43	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	23n 5	7n28	4s52	23n34	0n 9	23n35	0n32	5s20	0s 8	11s50	0s58	0n11	2n24	13n46	0s29	1s49	1s11	22n39	3n28	23n 7	23n 8	14s31	18n 3	5s21
M 2	23 1	12 3	4 18	23 45	0 20	23 31	0 34	5 31	0 10	11 51	0 58	0 10	2 24	13 46	0 29	1 49	1 11	22 38	3 28	23 7	23 8	14 29	18 3	5 21
T 3	22 57	16 13	3 29	23 52	0 31	23 27	0 36	5 43	0 11	11 52	0 58	0 9	2 24	13 47	0 29	1 49	1 12	22 38	3 28	23 7	23 8	14 27	18 3	5 22
W 4	22 52	19 40	2 27	23 58	0 40	23 22	0 38	5 54	0 12	11 53	0 58	0 7	2 24	13 48	0 29	1 49	1 12	22 38	3 28	23 7	23 8	14 25	18 3	5 22
T 5	22 46	22 5	1 15	24 0	0 50	23 17	0 40	6 6	0 14	11 54	0 59	0 6	2 23	13 48	0 29	1 49	1 12	22 37	3 28	23 7	23 9	14 23	18 2	5 22
F 6	22 40	23 8	0n 4	24 0	0 59	23 10	0 42	6 17	0 15	11 55	0 59	0 5	2 23	13 49	0 29	1 49	1 12	22 37	3 28	23 7	23 9	14 21	18 2	5 22
S 7	22 34	22 38	1 24	23 57	1 7	23 3	0 45	6 29	0 16	11 57	0 59	0 4	2 23	13 49	0 29	1 50	1 12	22 37	3 28	23 7	23 9	14 19	18 2	5 22
S 8	22 28	20 34	2 39	23 52	1 15	22 56	0 47	6 41	0 17	11 58	0 59	0 2	2 23	13 50	0 29	1 50	1 12	22 36	3 29	23 7	23 9	14 17	18 2	5 23
M 9	22 21	17 7	3 44	23 43	1 21	22 47	0 49	6 53	0 18	12 0	1 0	0 1	2 22	13 50	0 29	1 50	1 12	22 36	3 29	23 7	23 9	14 15	18 2	5 23
T 10	22 13	12 37	4 33	23 32	1 27	22 38	0 51	7 5	0 20	12 1	1 0	0s 1	2 22	13 51	0 29	1 50	1 12	22 36	3 29	23 7	23 10	14 13	18 2	5 23
W11	22 6	7 26	5 5	23 18	1 33	22 28	0 52	7 17	0 21	12 3	1 0	0 2	2 22	13 51	0 29	1 50	1 12	22 35	3 29	23 7	23 10	14 11	18 2	5 23
T 12	21 57	1 56	5 16	23 2	1 37	22 18	0 54	7 29	0 22	12 4	1 0	0 4	2 22	13 52	0 29	1 50	1 12	22 35	3 29	23 7	23 10	14 9	18 1	5 23
F 13	21 49	3s33	5 9	22 44	1 41	22 7	0 56	7 41	0 23	12 6	1 1	0 5	2 22	13 52	0 29	1 51	1 12	22 35	3 29	23 8	23 10	14 7	18 1	5 24
S 14	21 40	8 44	4 44	22 23	1 44	21 55	0 58	7 53	0 24	12 8	1 1	0 7	2 21	13 53	0 29	1 51	1 12	22 34	3 29	23 7	23 10	14 5	18 1	5 24
S 15	21 31	13 24	4 4	21 59	1 47	21 43	1 0	8 5	0 25	12 10	1 1	0 9	2 21	13 53	0 29	1 51	1 12	22 34	3 29	23 7	23 11	14 3	18 1	5 24
M16	21 21	17 20	3 12	21 34	1 48	21 30	1 1	8 18	0 26	12 12	1 1	0 10	2 21	13 54	0 29	1 51	1 12	22 34	3 29	23 7	23 11	14 1	18 1	5 24
T 17	21 11	20 20	2 11	21 7	1 49	21 17	1 3	8 30	0 27	12 14	1 2	0 12	2 21	13 54	0 29	1 51	1 12	22 33	3 29	23 7	23 11	13 59	18 0	5 24
W18	21 1	22 18	1 5	20 38	1 49	21 2	1 5	8 42	0 28	12 16	1 2	0 14	2 21	13 55	0 29	1 52	1 12	22 33	3 29	23 7	23 11	13 57	18 0	5 25
T 19	20 50	23 8	0s 4	20 8	1 49	20 48	1 6	8 55	0 29	12 18	1 2	0 15	2 20	13 55	0 29	1 52	1 12	22 33	3 29	23 7	23 11	13 55	18 0	5 25
F 20	20 39	22 49	1 11	19 36	1 48	20 32	1 8	9 7	0 31	12 20	1 2	0 17	2 20	13 55	0 29	1 52	1 12	22 32	3 29	23 7	23 11	13 53	18 0	5 25
S 21	20 28	21 26	2 13	19 3	1 46	20 16	1 9	9 20	0 32	12 22	1 3	0 19	2 20	13 56	0 29	1 52	1 12	22 32	3 29	23 7	23 12	13 51	17 59	5 25
S 22	20 16	19 6	3 10	18 29	1 44	20 0	1 11	9 32	0 33	12 24	1 3	0 21	2 20	13 56	0 29	1 53	1 12	22 31	3 29	23 7	23 12	13 49	17 59	5 26
M23	20 4	15 58	3 57	17 54	1 41	19 43	1 12	9 45	0 34	12 26	1 3	0 23	2 20	13 56	0 29	1 53	1 12	22 31	3 29	23 8	23 12	13 47	17 59	5 26
T 24	19 52	12 12	4 35	17 18	1 37	19 25	1 13	9 57	0 35	12 28	1 3	0 25	2 19	13 57	0 29	1 53	1 13	22 31	3 29	23 8	23 12	13 45	17 59	5 26
W25	19 39	7 59	5 0	16 41	1 33	19 7	1 15	10 10	0 35	12 31	1 4	0 26	2 19	13 57	0 29	1 54	1 13	22 30	3 29	23 8	23 12	13 43	17 58	5 27
T 26	19 26	3 27	5 12	16 3	1 29	18 48	1 16	10 23	0 36	12 33	1 4	0 28	2 19	13 57	0 29	1 54	1 13	22 30	3 29	23 8	23 13	13 41	17 58	5 27
F 27	19 13	1n15	5 12	15 25	1 24	18 29	1 17	10 35	0 37	12 36	1 4	0 30	2 19	13 58	0 29	1 54	1 13	22 30	3 30	23 9	23 13	13 39	17 58	5 27
S 28	18 59	5 58	4 57	14 46	1 18	18 9	1 18	10 48	0 38	12 38	1 4	0 32	2 19	13 58	0 29	1 55	1 13	22 29	3 30	23 9	23 13	13 37	17 57	5 27
S 29	18 45	10 33	4 28	14 7	1 12	17 49	1 19	11 1	0 39	12 40	1 4	0 34	2 18	13 58	0 29	1 55	1 13	22 29	3 30	23 9	23 13	13 35	17 57	5 28
M30	18 31	14 48	3 45	13 27	1 6	17 28	1 20	11 13	0 40	12 43	1 5	0 36	2 18	13 58	0 29	1 56	1 13	22 29	3 30	23 9	23 13	13 33	17 57	5 28
T 31	18n16	18n28	2s50	12n47	0n59	17n 7	1n21	11s26	0s41	12s45	1s 5	0s39	2n18	13n59	0s29	1s56	1s13	22n28	3n30	23n 8	23n13	13s31	17n56	5s28

Julian Day Number = 2520026.5, Delta T = 151.27 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'38, Lahiri = 26°28'38

ASTRODIENST EPHEMERIS for the year 2187
geocentric

AUGUST 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 29	8♌52'30	19♊22	0♍26	17♌54	28♎41	29°R 4	7♎ 2	8♉52	27°R55	4♌41	8♋32	7♋ 3	5♓45	0♋48	W 1
T 2	20 42 26	9°49'53	3♋22	1°59	19° 8	29°14	28♒57	7° 7	8°53	27♓54	4°43	8°R33	7° 0	5°51	0°53	T 2
F 3	20 46 23	10°47'17	17°48	3°31	20°22	29°48	28°50	7°12	8°53	27°54	4°44	8°33	6°57	5°58	0°57	F 3
S 4	20 50 19	11°44'43	2♌35	5° 0	21°36	0♏22	28°43	7°17	8°54	27°53	4°46	8°31	6°54	6° 5	1° 2	S 4
S 5	20 54 16	12°42'09	17°39	6°28	22°50	0°56	28°36	7°23	8°54	27°51	4°48	8°28	6°50	6°11	1° 6	S 5
M 6	20 58 12	13°39'35	2♍48	7°55	24° 4	1°30	28°29	7°28	8°55	27°50	4°49	8°24	6°47	6°18	1°11	M 6
T 7	21 2 9	14°37'03	17°54	9°19	25°18	2° 4	28°21	7°33	8°55	27°49	4°51	8°19	6°44	6°25	1°15	T 7
W 8	21 6 5	15°34'31	2♎48	10°41	26°32	2°39	28°14	7°39	8°56	27°48	4°53	8°14	6°41	6°32	1°19	W 8
T 9	21 10 2	16°32'00	17°21	12° 2	27°46	3°14	28° 6	7°44	8°56	27°47	4°54	8° 9	6°38	6°38	1°24	T 9
F 10	21 13 58	17°29'29	1♏30	13°21	28°59	3°49	27°59	7°50	8°56	27°46	4°56	8° 7	6°35	6°45	1°28	F 10
S 11	21 17 55	18°27'00	15°14	14°37	0♍13	4°24	27°51	7°55	8°56	27°45	4°57	8°D 6	6°31	6°52	1°32	S 11
S 12	21 21 52	19°24'31	28°33	15°52	1°27	4°59	27°43	8° 1	8°56	27°44	4°59	8° 6	6°28	6°58	1°36	S 12
M13	21 25 48	20°22'03	11♐29	17° 4	2°41	5°35	27°36	8° 7	8°56	27°42	5° 1	8° 7	6°25	7° 5	1°40	M13
T 14	21 29 45	21°19'36	24° 8	18°15	3°55	6°10	27°28	8°12	8°R57	27°41	5° 2	8° 9	6°22	7°12	1°44	T 14
W15	21 33 41	22°17'09	6♑31	19°22	5° 9	6°46	27°20	8°18	8°57	27°40	5° 4	8°R 9	6°19	7°18	1°49	W15
T 16	21 37 38	23°14'44	18°43	20°28	6°23	7°22	27°12	8°24	8°56	27°39	5° 6	8° 9	6°15	7°25	1°53	T 16
F 17	21 41 34	24°12'20	0♒46	21°31	7°37	7°58	27° 5	8°30	8°56	27°37	5° 7	8° 6	6°12	7°32	1°56	F 17
S 18	21 45 31	25° 9'56	12°43	22°32	8°51	8°34	26°57	8°36	8°56	27°36	5° 9	8° 2	6° 9	7°39	2° 0	S 18
S 19	21 49 27	26° 7'34	24°37	23°30	10° 5	9°11	26°49	8°42	8°56	27°35	5°10	7°55	6° 6	7°45	2° 4	S 19
M20	21 53 24	27° 5'13	6♓29	24°25	11°19	9°47	26°41	8°48	8°56	27°33	5°12	7°46	6° 3	7°52	2° 8	M20
T 21	21 57 21	28° 2'54	18°20	25°17	12°33	10°24	26°33	8°54	8°55	27°32	5°14	7°37	6° 0	7°59	2°12	T 21
W22	22 1 17	29° 0'36	0♈13	26° 6	13°47	11° 1	26°25	9° 0	8°55	27°31	5°15	7°27	5°56	8° 5	2°15	W22
T 23	22 5 14	29°58'19	12°10	26°51	15° 1	11°37	26°17	9° 7	8°55	27°29	5°17	7°19	5°53	8°12	2°19	T 23
F 24	22 9 10	0♍56'04	24°13	27°34	16°15	12°15	26°10	9°13	8°54	27°28	5°18	7°11	5°50	8°19	2°22	F 24
S 25	22 13 7	1°53'50	6♉24	28°12	17°28	12°52	26° 2	9°19	8°54	27°26	5°20	7° 6	5°47	8°26	2°26	S 25
S 26	22 17 3	2°51'38	18°49	28°46	18°42	13°29	25°54	9°26	8°53	27°25	5°21	7° 3	5°44	8°32	2°29	S 26
M27	22 21 0	3°49'28	1♊29	29°17	19°56	14° 7	25°46	9°32	8°52	27°23	5°23	7°D 2	5°41	8°39	2°33	M27
T 28	22 24 56	4°47'19	14°30	29°43	21°10	14°44	25°39	9°39	8°52	27°22	5°24	7° 2	5°37	8°46	2°36	T 28
W29	22 28 53	5°45'13	27°56	0♎ 4	22°24	15°22	25°31	9°45	8°51	27°20	5°26	7° 3	5°34	8°52	2°39	W29
T 30	22 32 50	6°43'08	11♋48	0°20	23°38	16° 0	25°23	9°52	8°50	27°19	5°27	7°R 3	5°31	8°59	2°43	T 30
F 31	22 36 46	7♍41'05	26♋ 8	0♎31	24♍52	16♏38	25♒16	9♎58	8♉50	27♓17	5♌29	7♋ 1	5♋28	9♓ 6	2♋46	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	18n 1	21n17	1s43	12n 7	0n52	16n45	1n22	11s39	0s42	12s48	1s 5	0s41	2n18	13n59	0s29	1s56	1s13	22n28	3n30	23n 8	23n14	13s29	17n56	5s29
T 2	17 46	22 54	0 28	11 27	0 45	16 23	1 23	11 51	0 43	12 51	1 5	0 43	2 18	13 59	0 29	1 57	1 13	22 28	3 30	23 8	23 14	13 27	17 56	5 29
F 3	17 31	23 4	0n50	10 47	0 37	16 0	1 23	12 4	0 44	12 53	1 5	0 45	2 18	13 59	0 29	1 57	1 13	22 27	3 30	23 8	23 14	13 25	17 55	5 29
S 4	17 15	21 38	2 7	10 7	0 29	15 37	1 24	12 17	0 45	12 56	1 6	0 47	2 17	13 59	0 29	1 58	1 13	22 27	3 30	23 8	23 14	13 23	17 55	5 30
S 5	16 59	18 39	3 17	9 27	0 20	15 14	1 25	12 30	0 45	12 59	1 6	0 49	2 17	13 59	0 29	1 58	1 13	22 27	3 30	23 9	23 14	13 21	17 55	5 30
M 6	16 42	14 24	4 13	8 47	0 12	14 50	1 25	12 42	0 46	13 1	1 6	0 52	2 17	14 0	0 29	1 59	1 13	22 26	3 30	23 9	23 14	13 19	17 54	5 30
T 7	16 26	9 15	4 51	8 7	0 3	14 25	1 26	12 55	0 47	13 4	1 6	0 54	2 17	14 0	0 29	1 59	1 13	22 26	3 30	23 9	23 15	13 17	17 54	5 31
W 8	16 9	3 37	5 9	7 27	0s 6	14 1	1 26	13 8	0 48	13 7	1 6	0 56	2 17	14 0	0 29	1 59	1 13	22 26	3 30	23 10	23 15	13 14	17 53	5 31
T 9	15 52	2s 5	5 7	6 48	0 16	13 36	1 27	13 20	0 49	13 10	1 6	0 58	2 17	14 0	0 29	2 0	1 13	22 25	3 30	23 10	23 15	13 12	17 53	5 31
F 10	15 35	7 31	4 45	6 9	0 25	13 10	1 27	13 33	0 49	13 12	1 7	1 1	2 17	14 0	0 29	2 0	1 13	22 25	3 31	23 10	23 15	13 10	17 53	5 32
S 11	15 17	12 26	4 8	5 31	0 35	12 44	1 27	13 46	0 50	13 15	1 7	1 3	2 16	14 0	0 29	2 1	1 13	22 25	3 31	23 10	23 15	13 8	17 52	5 32
S 12	14 59	16 35	3 18	4 53	0 45	12 18	1 27	13 58	0 51	13 18	1 7	1 5	2 16	14 0	0 29	2 1	1 13	22 24	3 31	23 10	23 15	13 6	17 52	5 33
M13	14 41	19 50	2 20	4 15	0 55	11 52	1 27	14 11	0 52	13 21	1 7	1 8	2 16	14 0	0 29	2 2	1 13	22 24	3 31	23 10	23 16	13 4	17 51	5 33
T 14	14 23	22 2	1 15	3 39	1 5	11 25	1 27	14 23	0 52	13 23	1 7	1 10	2 16	14 0	0 29	2 2	1 13	22 24	3 31	23 10	23 16	13 2	17 51	5 33
W15	14 4	23 6	0 9	3 3	1 16	10 58	1 27	14 36	0 53	13 26	1 7	1 13	2 16	14 0	0 29	2 3	1 13	22 23	3 31	23 10	23 16	13 0	17 50	5 34
T 16	13 45	23 3	0s57	2 27	1 26	10 31	1 27	14 48	0 54	13 29	1 7	1 15	2 16	14 0	0 30	2 4	1 13	22 23	3 31	23 10	23 16	12 58	17 50	5 34
F 17	13 26	21 54	1 59	1 53	1 37	10 3	1 27	15 1	0 55	13 32	1 8	1 17	2 16	14 0	0 30	2 4	1 13	22 23	3 31	23 10	23 16	12 55	17 49	5 35
S 18	13 7	19 47	2 55	1 19	1 47	9 35	1 27	15 13	0 55	13 35	1 8	1 20	2 15	14 0	0 30	2 5	1 13	22 23	3 31	23 10	23 16	12 53	17 49	5 35
S 19	12 48	16 49	3 44	0 47	1 58	9 7	1 27	15 25	0 56	13 37	1 8	1 22	2 15	14 0	0 30	2 5	1 13	22 22	3 31	23 11	23 16	12 51	17 49	5 35
M20	12 28	13 11	4 22	0 15	2 8	8 39	1 26	15 38	0 57	13 40	1 8	1 25	2 15	14 0	0 30	2 6	1 14	22 22	3 32	23 11	23 17	12 49	17 48	5 36
T 21	12 8	9 2	4 49	0s15	2 19	8 10	1 26	15 50	0 57	13 43	1 8	1 27	2 15	13 59	0 30	2 6	1 14	22 22	3 32	23 12	23 17	12 47	17 48	5 36
W22	11 48	4 33	5 3	0 44	2 29	7 41	1 25	16 2	0 58	13 46	1 8	1 30	2 15	13 59	0 30	2 7	1 14	22 21	3 32	23 12	23 17	12 45	17 47	5 37
T 23	11 28	0n 8	5 5	1 12	2 40	7 12	1 25	16 14	0 59	13 49	1 8	1 33	2 15	13 59	0 30	2 7	1 14	22 21	3 32	23 13	23 17	12 43	17 47	5 37
F 24	11 8	4 51	4 53	1 38	2 50	6 43	1 24	16 26	0 59	13 51	1 8	1 35	2 15	13 59	0 30	2 8	1 14	22 21	3 32	23 13	23 17	12 41	17 46	5 38
S 25	10 47	9 26	4 27	2 2	3 0	6 13	1 23	16 38	1 0	13 54	1 8	1 38	2 15	13 59	0 30	2 9	1 14	22 21	3 32	23 13	23 17	12 38	17 46	5 38
S 26	10 27	13 44	3 49	2 25	3 10	5 44	1 23	16 50	1 1	13 57	1 8	1 40	2 14	13 59	0 30	2 9	1 14	22 20	3 32	23 14	23 17	12 36	17 45	5 38
M27	10 6	17 31	2 58	2 46	3 20	5 14	1 22	17 2	1 1	13 59	1 8	1 43	2 14	13 58	0 30	2 10	1 14	22 20	3 32	23 14	23 18	12 34	17 45	5 39
T 28	9 45	20 34	1 58	3 5	3 29	4 44	1 21	17 14	1 2	14 2	1 9	1 46	2 14	13 58	0 30	2 10	1 14	22 20	3 32	23 14	23 18	12 32	17 44	5 39
W29	9 24	22 35	0 49	3 22	3 38	4 14	1 20	17 25	1 2	14 5	1 9	1 48	2 14	13 58	0 30	2 11	1 14	22 19	3 32	23 14	23 18	12 30	17 43	5 40
T 30	9 2	23 19	0n25	3 36	3 46	3 44	1 19	17 37	1 3	14 7	1 9	1 51	2 14	13 58	0 30	2 12	1 14	22 19	3 33	23 14	23 18	12 28	17 43	5 40
F 31	8n41	22n32	1n40	3s47	3s54	3n14	1n18	17s49	1s 4	14s10	1s 9	1s53	2n14	13n57	0s30	2s12	1s14	22n19	3n33	23n14	23n18	12s25	17n42	5s41

Julian Day Number = 2520057.5, Delta T = 151.34 sec
Ecliptic obliquity = 23°24'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'42, Lahiri = 26°28'42

ASTRODIENST EPHEMERIS for the year 2187
geocentric

SEPTEMBER 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	⚷	☊	⚸	⚳	Day
S 1	22 40 43	8♍39'04	10♌54	0♎37	26♍ 6	17♏17	25°R 8	10♎ 5	8°R49	27°R16	5♌30	6°R58	5♋25	9♓12	2♋49	S 1
S 2	22 44 39	9°37'04	25°59	0°R37	27°20	17°55	25♒ 1	10°12	8♉48	27♓14	5°32	6♋52	5°21	9°19	2°52	S 2
M 3	22 48 36	10°35'06	11♍16	0°31	28°34	18°33	24°54	10°18	8°47	27°13	5°33	6°43	5°18	9°26	2°55	M 3
T 4	22 52 32	11°33'10	26°34	0°19	29°48	19°12	24°46	10°25	8°46	27°11	5°35	6°34	5°15	9°33	2°58	T 4
W 5	22 56 29	12°31'15	11♎40	0° 1	1♎ 2	19°51	24°39	10°32	8°45	27° 9	5°36	6°24	5°12	9°39	3° 1	W 5
T 6	23 0 25	13°29'21	26°27	29♍37	2°16	20°30	24°32	10°39	8°44	27° 8	5°37	6°16	5° 9	9°46	3° 3	T 6
F 7	23 4 22	14°27'29	10♏47	29° 6	3°30	21° 9	24°25	10°46	8°43	27° 6	5°39	6°10	5° 6	9°53	3° 6	F 7
S 8	23 8 18	15°25'39	24°37	28°30	4°43	21°48	24°18	10°52	8°42	27° 5	5°40	6° 6	5° 2	9°59	3° 9	S 8
S 9	23 12 15	16°23'50	7♐59	27°47	5°57	22°27	24°12	10°59	8°40	27° 3	5°41	6° 4	4°59	10° 6	3°11	S 9
M10	23 16 12	17°22'02	20°55	27° 0	7°11	23° 6	24° 5	11° 6	8°39	27° 1	5°43	6°D 4	4°56	10°13	3°14	M10
T 11	23 20 8	18°20'16	3♑29	26° 8	8°25	23°46	23°59	11°13	8°38	27° 0	5°44	6°R 4	4°53	10°20	3°16	T 11
W12	23 24 5	19°18'32	15°46	25°12	9°39	24°26	23°52	11°20	8°37	26°58	5°45	6° 4	4°50	10°26	3°19	W12
T 13	23 28 1	20°16'48	27°50	24°13	10°53	25° 5	23°46	11°27	8°35	26°57	5°47	6° 2	4°47	10°33	3°21	T 13
F 14	23 31 58	21°15'07	9♒47	23°12	12° 7	25°45	23°40	11°34	8°34	26°55	5°48	5°57	4°43	10°40	3°23	F 14
S 15	23 35 54	22°13'27	21°39	22°11	13°20	26°25	23°34	11°41	8°32	26°53	5°49	5°50	4°40	10°46	3°25	S 15
S 16	23 39 51	23°11'49	3♓30	21°12	14°34	27° 5	23°28	11°49	8°31	26°52	5°50	5°40	4°37	10°53	3°27	S 16
M17	23 43 47	24°10'12	15°22	20°14	15°48	27°45	23°22	11°56	8°29	26°50	5°52	5°28	4°34	11° 0	3°29	M17
T 18	23 47 44	25° 8'37	27°16	19°21	17° 2	28°26	23°16	12° 3	8°28	26°48	5°53	5°14	4°31	11° 7	3°31	T 18
W19	23 51 41	26° 7'04	9♈15	18°33	18°16	29° 6	23°11	12°10	8°26	26°47	5°54	5° 0	4°27	11°13	3°33	W19
T 20	23 55 37	27° 5'33	21°18	17°51	19°30	29°47	23° 6	12°17	8°25	26°45	5°55	4°47	4°24	11°20	3°35	T 20
F 21	23 59 34	28° 4'04	3♉28	17°17	20°43	0♐27	23° 1	12°24	8°23	26°43	5°56	4°36	4°21	11°27	3°37	F 21
S 22	0 3 30	29° 2'37	15°46	16°51	21°57	1° 8	22°56	12°32	8°21	26°42	5°57	4°28	4°18	11°33	3°38	S 22
S 23	0 7 27	0♎ 1'13	28°15	16°34	23°11	1°49	22°51	12°39	8°19	26°40	5°58	4°22	4°15	11°40	3°40	S 23
M24	0 11 23	0°59'50	10♊58	16°D27	24°25	2°30	22°46	12°46	8°18	26°38	6° 0	4°19	4°12	11°47	3°41	M24
T 25	0 15 20	1°58'30	23°57	16°29	25°38	3°11	22°42	12°54	8°16	26°37	6° 1	4°18	4° 8	11°54	3°43	T 25
W26	0 19 16	2°57'12	7♋17	16°41	26°52	3°52	22°37	13° 1	8°14	26°35	6° 2	4°18	4° 5	12° 0	3°44	W26
T 27	0 23 13	3°55'56	20°59	17° 3	28° 6	4°33	22°33	13° 8	8°12	26°33	6° 3	4°17	4° 2	12° 7	3°46	T 27
F 28	0 27 10	4°54'42	5♌ 7	17°35	29°20	5°15	22°29	13°15	8°10	26°32	6° 4	4°15	3°59	12°14	3°47	F 28
S 29	0 31 6	5°53'31	19°39	18°15	0♏33	5°56	22°25	13°23	8° 8	26°30	6° 5	4°11	3°56	12°20	3°48	S 29
S 30	0 35 3	6♎52'22	4♍32	19♍ 4	1♏47	6♐38	22♒22	13♎30	8♉ 6	26♓28	6♌ 6	4♋ 4	3♋52	12♓27	3♋49	S 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	
S 1	8n19	20n13	2n50	3s56	4s 1	2n43	1n17	18s 0	1s 4	14s12	1s 9	1s56	2n14	13n57	0s30	2s13	1s14	22n19	3n33	23n14	23n18	12s23	17n42	5s41	S 1
S 2	7 57	16 27	3 50	4 2	4 8	2 13	1 15	18 11	1 5	14 15	1 9	1 59	2 14	13 57	0 30	2 14	1 14	22 18	3 33	23 14	23 18	12 21	17 41	5 42	S 2
M 3	7 35	11 33	4 34	4 5	4 13	1 42	1 14	18 23	1 5	14 17	1 9	2 2	2 14	13 57	0 30	2 14	1 14	22 18	3 33	23 15	23 19	12 19	17 41	5 42	M 3
T 4	7 13	5 56	4 58	4 4	4 18	1 12	1 13	18 34	1 6	14 20	1 9	2 4	2 14	13 56	0 30	2 15	1 14	22 18	3 33	23 15	23 19	12 17	17 40	5 43	T 4
W 5	6 51	0 1	5 2	4 0	4 21	0 41	1 11	18 45	1 6	14 22	1 9	2 7	2 14	13 56	0 30	2 16	1 14	22 18	3 33	23 16	23 19	12 14	17 40	5 43	W 5
T 6	6 29	5s46	4 45	3 52	4 23	0 10	1 10	18 56	1 7	14 25	1 9	2 10	2 13	13 56	0 30	2 16	1 14	22 18	3 33	23 16	23 19	12 12	17 39	5 44	T 6
F 7	6 7	11 5	4 10	3 41	4 24	0s21	1 8	19 7	1 7	14 27	1 9	2 13	2 13	13 55	0 30	2 17	1 14	22 17	3 34	23 16	23 19	12 10	17 39	5 44	F 7
S 8	5 44	15 39	3 21	3 25	4 23	0 51	1 7	19 17	1 8	14 29	1 9	2 15	2 13	13 55	0 30	2 18	1 14	22 17	3 34	23 16	23 19	12 8	17 38	5 45	S 8
S 9	5 22	19 15	2 23	3 6	4 20	1 22	1 5	19 28	1 8	14 32	1 9	2 18	2 13	13 54	0 30	2 18	1 14	22 17	3 34	23 17	23 19	12 6	17 37	5 45	S 9
M10	4 59	21 47	1 20	2 43	4 16	1 53	1 3	19 39	1 9	14 34	1 9	2 21	2 13	13 54	0 30	2 19	1 14	22 17	3 34	23 17	23 19	12 3	17 37	5 46	M10
T 11	4 36	23 8	0 14	2 17	4 10	2 24	1 2	19 49	1 9	14 36	1 9	2 24	2 13	13 54	0 30	2 20	1 14	22 16	3 34	23 17	23 19	12 1	17 36	5 46	T 11
W12	4 14	23 20	0s51	1 47	4 2	2 54	1 0	19 59	1 10	14 38	1 9	2 26	2 13	13 53	0 30	2 20	1 14	22 16	3 34	23 17	23 20	11 59	17 36	5 47	W12
T 13	3 51	22 25	1 53	1 15	3 51	3 25	0 58	20 9	1 10	14 40	1 9	2 29	2 13	13 53	0 30	2 21	1 14	22 16	3 34	23 17	23 20	11 57	17 35	5 47	T 13
F 14	3 28	20 29	2 48	0 40	3 39	3 55	0 56	20 19	1 11	14 42	1 9	2 32	2 13	13 52	0 30	2 21	1 14	22 16	3 34	23 17	23 20	11 55	17 35	5 48	F 14
S 15	3 5	17 41	3 36	0 3	3 26	4 26	0 54	20 29	1 11	14 44	1 9	2 35	2 13	13 52	0 30	2 22	1 14	22 16	3 35	23 17	23 20	11 52	17 34	5 48	S 15
S 16	2 42	14 10	4 15	0n34	3 10	4 56	0 52	20 39	1 12	14 46	1 9	2 38	2 13	13 51	0 30	2 23	1 14	22 16	3 35	23 18	23 20	11 50	17 33	5 49	S 16
M17	2 19	10 6	4 42	1 12	2 53	5 27	0 50	20 49	1 12	14 48	1 9	2 40	2 13	13 51	0 30	2 23	1 14	22 15	3 35	23 18	23 20	11 48	17 33	5 49	M17
T 18	1 56	5 37	4 57	1 50	2 35	5 57	0 48	20 58	1 13	14 50	1 9	2 43	2 13	13 50	0 30	2 24	1 14	22 15	3 35	23 19	23 20	11 46	17 32	5 50	T 18
W19	1 32	0 55	4 59	2 26	2 16	6 27	0 46	21 7	1 13	14 51	1 9	2 46	2 13	13 50	0 30	2 25	1 14	22 15	3 35	23 19	23 20	11 43	17 32	5 50	W19
T 20	1 9	3n51	4 48	3 1	1 57	6 57	0 43	21 17	1 13	14 53	1 9	2 49	2 13	13 49	0 30	2 25	1 14	22 15	3 35	23 20	23 20	11 41	17 31	5 51	T 20
F 21	0 46	8 32	4 23	3 32	1 37	7 27	0 41	21 26	1 14	14 55	1 9	2 52	2 13	13 49	0 30	2 26	1 14	22 15	3 35	23 20	23 21	11 39	17 30	5 52	F 21
S 22	0 23	12 56	3 46	4 1	1 17	7 57	0 39	21 34	1 14	14 56	1 9	2 55	2 13	13 48	0 30	2 27	1 14	22 15	3 36	23 20	23 21	11 37	17 30	5 52	S 22
S 23	0s 0	16 52	2 58	4 25	0 57	8 26	0 36	21 43	1 14	14 58	1 8	2 57	2 13	13 47	0 30	2 27	1 14	22 14	3 36	23 21	23 21	11 34	17 29	5 53	S 23
M24	0 24	20 5	2 0	4 46	0 38	8 56	0 34	21 52	1 15	14 59	1 8	3 0	2 13	13 47	0 30	2 28	1 14	22 14	3 36	23 21	23 21	11 32	17 29	5 53	M24
T 25	0 47	22 22	0 54	5 2	0 19	9 25	0 32	22 0	1 15	15 1	1 8	3 3	2 13	13 46	0 30	2 29	1 14	22 14	3 36	23 21	23 21	11 30	17 28	5 54	T 25
W26	1 10	23 29	0n16	5 13	0 2	9 54	0 29	22 8	1 16	15 2	1 8	3 6	2 13	13 46	0 30	2 29	1 14	22 14	3 36	23 21	23 21	11 27	17 28	5 54	W26
T 27	1 34	23 13	1 27	5 20	0n15	10 22	0 27	22 16	1 16	15 3	1 8	3 9	2 12	13 45	0 30	2 30	1 14	22 14	3 36	23 21	23 21	11 25	17 27	5 55	T 27
F 28	1 57	21 28	2 35	5 22	0 30	10 51	0 24	22 24	1 16	15 5	1 8	3 12	2 12	13 44	0 30	2 31	1 14	22 14	3 36	23 21	23 21	11 23	17 26	5 55	F 28
S 29	2 20	18 18	3 35	5 19	0 44	11 19	0 21	22 32	1 17	15 6	1 8	3 14	2 12	13 44	0 30	2 31	1 14	22 14	3 37	23 21	23 21	11 21	17 26	5 56	S 29
S 30	2s44	13n54	4n22	5n12	0n57	11s47	0n19	22s39	1s17	15s 7	1s 8	3s17	2n12	13n43	0s30	2s32	1s14	22n14	3n37	23n21	23n21	11s18	17n25	5s57	S 30

Julian Day Number = 2520088.5, Delta T = 151.42 sec
Ecliptic obliquity = 23°24'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'46, Lahiri = 26°28'47

ASTRODIENST EPHEMERIS for the year 2187
geocentric

OCTOBER 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 38 59	7♎51'15	19♍40	20♍ 1	3♏ 1	7♐20	22°R18	13♎37	8°R 4	26°R27	6♌ 7	3°R54	3♋49	12♓34	3♋50	M 1
T 2	0 42 56	8°50'10	4♎52	21° 6	4°15	8° 1	22♒15	13°45	8♉ 2	26♓25	6° 7	3♋43	3°46	12°41	3°51	T 2
W 3	0 46 52	9°49'07	19°58	22°17	5°28	8°43	22°12	13°52	8° 0	26°24	6° 8	3°32	3°43	12°47	3°52	W 3
T 4	0 50 49	10°48'06	4♏47	23°33	6°42	9°25	22° 9	14° 0	7°58	26°22	6° 9	3°22	3°40	12°54	3°52	T 4
F 5	0 54 45	11°47'07	19°13	24°55	7°56	10° 8	22° 7	14° 7	7°56	26°20	6°10	3°14	3°37	13° 1	3°53	F 5
S 6	0 58 42	12°46'10	3♐10	26°22	9° 9	10°50	22° 4	14°14	7°54	26°19	6°11	3° 8	3°33	13° 7	3°53	S 6
S 7	1 2 39	13°45'14	16°37	27°52	10°23	11°32	22° 2	14°22	7°52	26°17	6°12	3° 5	3°30	13°14	3°54	S 7
M 8	1 6 35	14°44'21	29°37	29°26	11°37	12°14	22° 0	14°29	7°49	26°16	6°12	3°D 5	3°27	13°21	3°54	M 8
T 9	1 10 32	15°43'29	12♑13	1♎ 2	12°50	12°57	21°58	14°36	7°47	26°14	6°13	3°R 5	3°24	13°28	3°55	T 9
W10	1 14 28	16°42'39	24°31	2°41	14° 4	13°40	21°56	14°44	7°45	26°13	6°14	3° 4	3°21	13°34	3°55	W10
T 11	1 18 25	17°41'51	6♒34	4°21	15°17	14°22	21°55	14°51	7°43	26°11	6°15	3° 3	3°18	13°41	3°55	T 11
F 12	1 22 21	18°41'04	18°29	6° 3	16°31	15° 5	21°53	14°59	7°40	26°10	6°15	2°59	3°14	13°48	3°R55	F 12
S 13	1 26 18	19°40'19	0♓20	7°46	17°45	15°48	21°52	15° 6	7°38	26° 8	6°16	2°53	3°11	13°54	3°55	S 13
S 14	1 30 14	20°39'36	12°11	9°30	18°58	16°31	21°51	15°13	7°36	26° 7	6°17	2°44	3° 8	14° 1	3°55	S 14
M15	1 34 11	21°38'55	24° 5	11°14	20°12	17°14	21°51	15°21	7°34	26° 5	6°17	2°32	3° 5	14° 8	3°55	M15
T 16	1 38 8	22°38'16	6♈ 4	12°58	21°25	17°57	21°50	15°28	7°31	26° 4	6°18	2°20	3° 2	14°15	3°55	T 16
W17	1 42 4	23°37'38	18°11	14°43	22°39	18°40	21°50	15°35	7°29	26° 2	6°18	2° 7	2°58	14°21	3°54	W17
T 18	1 46 1	24°37'03	0♉25	16°27	23°52	19°23	21°D50	15°43	7°26	26° 1	6°19	1°54	2°55	14°28	3°54	T 18
F 19	1 49 57	25°36'30	12°48	18°12	25° 6	20° 7	21°50	15°50	7°24	26° 0	6°19	1°44	2°52	14°35	3°53	F 19
S 20	1 53 54	26°35'59	25°20	19°56	26°19	20°50	21°50	15°57	7°22	25°58	6°20	1°36	2°49	14°41	3°53	S 20
S 21	1 57 50	27°35'30	8♊ 2	21°40	27°33	21°34	21°51	16° 5	7°19	25°57	6°20	1°31	2°46	14°48	3°52	S 21
M22	2 1 47	28°35'03	20°56	23°23	28°46	22°17	21°51	16°12	7°17	25°55	6°21	1°28	2°43	14°55	3°51	M22
T 23	2 5 43	29°34'39	4♋ 3	25° 6	29°59	23° 1	21°52	16°19	7°14	25°54	6°21	1°D28	2°39	15° 2	3°51	T 23
W24	2 9 40	0♏34'17	17°26	26°48	1♐13	23°45	21°53	16°26	7°12	25°53	6°22	1°29	2°36	15° 8	3°50	W24
T 25	2 13 37	1°33'57	1♌ 5	28°30	2°26	24°29	21°55	16°34	7°10	25°52	6°22	1°R29	2°33	15°15	3°49	T 25
F 26	2 17 33	2°33'39	15° 3	0♏12	3°40	25°13	21°56	16°41	7° 7	25°50	6°22	1°28	2°30	15°22	3°48	F 26
S 27	2 21 30	3°33'24	29°19	1°53	4°53	25°57	21°58	16°48	7° 5	25°49	6°22	1°26	2°27	15°28	3°47	S 27
S 28	2 25 26	4°33'11	13♍53	3°33	6° 6	26°41	22° 0	16°55	7° 2	25°48	6°23	1°21	2°24	15°35	3°45	S 28
M29	2 29 23	5°33'00	28°38	5°13	7°20	27°25	22° 2	17° 2	7° 0	25°47	6°23	1°14	2°20	15°42	3°44	M29
T 30	2 33 19	6°32'51	13♎29	6°52	8°33	28° 9	22° 4	17° 9	6°57	25°45	6°23	1° 5	2°17	15°49	3°43	T 30
W31	2 37 16	7♏32'44	28♎17	8♏31	9♐46	28♐53	22♒ 7	17♎16	6♉55	25♓44	6♌23	0♋56	2♋14	15♓55	3♋41	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	3s 7	8n33	4n51	5n 0	1n 8	12s15	0n16	22s47	1s17	15s 8	1s 8	3s20	2n12	13n43	0s30	2s33	1s14	22n14	3n37	23n21	23n22	11s16	17n25	5s57
T 2	3 30	2 40	5 0	4 44	1 19	12 43	0 13	22 54	1 17	15 9	1 8	3 23	2 12	13 42	0 30	2 33	1 14	22 13	3 37	23 22	23 22	11 14	17 24	5 58
W 3	3 53	3s21	4 48	4 24	1 27	13 10	0 11	23 1	1 18	15 10	1 8	3 26	2 12	13 41	0 30	2 34	1 14	22 13	3 37	23 22	23 22	11 11	17 23	5 58
T 4	4 16	9 4	4 17	4 1	1 35	13 37	0 8	23 8	1 18	15 11	1 8	3 29	2 12	13 41	0 30	2 35	1 14	22 13	3 37	23 22	23 22	11 9	17 23	5 59
F 5	4 39	14 9	3 30	3 34	1 41	14 3	0 5	23 14	1 18	15 11	1 8	3 32	2 12	13 40	0 30	2 35	1 14	22 13	3 37	23 23	23 22	11 7	17 22	5 59
S 6	5 2	18 18	2 31	3 4	1 46	14 30	0 3	23 21	1 19	15 12	1 7	3 34	2 12	13 39	0 30	2 36	1 14	22 13	3 38	23 23	23 22	11 5	17 22	6 0
S 7	5 25	21 19	1 26	2 32	1 50	14 55	0s 0	23 27	1 19	15 13	1 7	3 37	2 12	13 38	0 30	2 36	1 14	22 13	3 38	23 23	23 22	11 2	17 21	6 0
M 8	5 48	23 7	0 18	1 58	1 53	15 21	0 3	23 33	1 19	15 13	1 7	3 40	2 13	13 38	0 30	2 37	1 14	22 13	3 38	23 23	23 22	11 0	17 21	6 1
T 9	6 11	23 39	0s48	1 21	1 55	15 46	0 6	23 38	1 19	15 14	1 7	3 43	2 13	13 37	0 30	2 38	1 14	22 13	3 38	23 23	23 22	10 58	17 20	6 2
W10	6 34	23 1	1 51	0 43	1 56	16 11	0 9	23 44	1 20	15 14	1 7	3 46	2 13	13 36	0 30	2 38	1 14	22 13	3 38	23 23	23 22	10 55	17 19	6 2
T 11	6 56	21 19	2 48	0 3	1 56	16 35	0 12	23 49	1 20	15 15	1 7	3 48	2 13	13 36	0 30	2 39	1 14	22 13	3 38	23 23	23 22	10 53	17 19	6 3
F 12	7 19	18 42	3 36	0s38	1 56	16 59	0 14	23 54	1 20	15 15	1 7	3 51	2 13	13 35	0 30	2 39	1 14	22 13	3 39	23 23	23 23	10 51	17 18	6 3
S 13	7 41	15 19	4 15	1 20	1 54	17 23	0 17	23 59	1 20	15 15	1 7	3 54	2 13	13 34	0 30	2 40	1 14	22 13	3 39	23 23	23 23	10 48	17 18	6 4
S 14	8 4	11 20	4 42	2 2	1 52	17 46	0 20	24 4	1 20	15 15	1 7	3 57	2 13	13 33	0 30	2 41	1 14	22 13	3 39	23 23	23 23	10 46	17 17	6 4
M15	8 26	6 54	4 58	2 45	1 50	18 9	0 23	24 8	1 21	15 16	1 6	4 0	2 13	13 33	0 30	2 41	1 14	22 13	3 39	23 23	23 23	10 44	17 17	6 5
T 16	8 48	2 12	5 1	3 29	1 46	18 31	0 26	24 13	1 21	15 16	1 6	4 2	2 13	13 32	0 30	2 42	1 14	22 13	3 39	23 24	23 23	10 41	17 16	6 6
W17	9 10	2n39	4 50	4 13	1 43	18 53	0 29	24 17	1 21	15 16	1 6	4 5	2 13	13 31	0 30	2 42	1 14	22 13	3 39	23 24	23 23	10 39	17 15	6 6
T 18	9 32	7 27	4 25	4 57	1 39	19 14	0 32	24 20	1 21	15 16	1 6	4 8	2 13	13 30	0 30	2 43	1 14	22 13	3 40	23 24	23 23	10 37	17 15	6 7
F 19	9 53	12 2	3 48	5 41	1 34	19 35	0 35	24 24	1 21	15 15	1 6	4 11	2 13	13 30	0 30	2 43	1 14	22 13	3 40	23 24	23 23	10 34	17 14	6 7
S 20	10 15	16 10	3 0	6 24	1 29	19 55	0 38	24 27	1 21	15 15	1 6	4 13	2 13	13 29	0 30	2 44	1 14	22 13	3 40	23 24	23 23	10 32	17 14	6 8
S 21	10 36	19 38	2 1	7 8	1 24	20 15	0 40	24 30	1 22	15 15	1 6	4 16	2 13	13 28	0 30	2 44	1 14	22 13	3 40	23 24	23 23	10 30	17 13	6 8
M22	10 58	22 11	0 56	7 51	1 19	20 34	0 43	24 33	1 22	15 15	1 6	4 19	2 13	13 27	0 30	2 45	1 14	22 13	3 40	23 24	23 23	10 27	17 13	6 9
T 23	11 19	23 35	0n14	8 34	1 13	20 53	0 46	24 36	1 22	15 14	1 5	4 22	2 13	13 26	0 30	2 46	1 14	22 13	3 40	23 24	23 23	10 25	17 12	6 9
W24	11 40	23 40	1 24	9 17	1 7	21 11	0 49	24 38	1 22	15 14	1 5	4 24	2 13	13 26	0 30	2 46	1 14	22 13	3 41	23 24	23 23	10 22	17 12	6 10
T 25	12 0	22 21	2 31	9 59	1 1	21 28	0 52	24 40	1 22	15 13	1 5	4 27	2 13	13 25	0 30	2 46	1 14	22 13	3 41	23 24	23 23	10 20	17 11	6 11
F 26	12 21	19 40	3 31	10 40	0 55	21 45	0 55	24 42	1 22	15 13	1 5	4 30	2 13	13 24	0 30	2 47	1 14	22 13	3 41	23 24	23 23	10 18	17 11	6 11
S 27	12 41	15 44	4 19	11 21	0 49	22 2	0 58	24 43	1 22	15 12	1 5	4 32	2 13	13 23	0 30	2 47	1 14	22 14	3 41	23 24	23 24	10 15	17 10	6 12
S 28	13 2	10 49	4 51	12 2	0 42	22 18	1 0	24 45	1 22	15 11	1 5	4 35	2 14	13 22	0 30	2 48	1 14	22 14	3 41	23 24	23 24	10 13	17 10	6 12
M29	13 22	5 12	5 5	12 41	0 36	22 33	1 3	24 46	1 22	15 10	1 5	4 38	2 14	13 22	0 30	2 48	1 14	22 14	3 41	23 25	23 24	10 11	17 9	6 13
T 30	13 41	0s44	4 58	13 20	0 29	22 47	1 6	24 46	1 22	15 9	1 5	4 40	2 14	13 21	0 30	2 49	1 14	22 14	3 42	23 25	23 24	10 8	17 9	6 13
W31	14s 1	6s37	4n32	13s59	0n22	23s 1	1s 8	24s47	1s22	15s 8	1s 4	4s43	2n14	13n20	0s30	2s49	1s14	22n14	3n42	23n25	23n24	10s 6	17n 8	6s14

Julian Day Number = 2520118.5, Delta T = 151.50 sec
Ecliptic obliquity = 23°24'54, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'50, Lahiri = 26°28'51

ASTRODIENST EPHEMERIS for the year 2187
geocentric

NOVEMBER 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 12	8♏32'40	12♏54	10♏ 9	11♐ 0	29♐38	22♒ 9	17♎24	6°R52	25°R43	6♌24	0°R48	2♋11	16♓ 2	3°R40	T 1
F 2	2 45 9	9°32'37	27°13	11°47	12°13	0♑22	22°12	17°31	6♉50	25♓42	6°24	0♋42	2° 8	16° 9	3♋38	F 2
S 3	2 49 5	10°32'36	11♐ 7	13°24	13°26	1° 7	22°15	17°38	6°47	25°41	6°24	0°38	2° 4	16°15	3°37	S 3
S 4	2 53 2	11°32'37	24°36	15° 1	14°39	1°51	22°19	17°45	6°45	25°40	6°24	0°D36	2° 1	16°22	3°35	S 4
M 5	2 56 59	12°32'39	7♑40	16°37	15°53	2°36	22°22	17°52	6°42	25°39	6°24	0°36	1°58	16°29	3°33	M 5
T 6	3 0 55	13°32'44	20°20	18°13	17° 6	3°21	22°26	17°58	6°40	25°38	6°24	0°37	1°55	16°36	3°31	T 6
W 7	3 4 52	14°32'49	2♒41	19°48	18°19	4° 6	22°30	18° 5	6°38	25°37	6°R24	0°39	1°52	16°42	3°29	W 7
T 8	3 8 48	15°32'57	14°47	21°23	19°32	4°51	22°34	18°12	6°35	25°36	6°24	0°R39	1°49	16°49	3°27	T 8
F 9	3 12 45	16°33'05	26°43	22°57	20°45	5°36	22°38	18°19	6°33	25°35	6°24	0°39	1°45	16°56	3°25	F 9
S 10	3 16 41	17°33'16	8♓35	24°31	21°58	6°21	22°42	18°26	6°30	25°34	6°24	0°36	1°42	17° 2	3°23	S 10
S 11	3 20 38	18°33'27	20°27	26° 5	23°11	7° 6	22°47	18°33	6°28	25°33	6°24	0°32	1°39	17° 9	3°21	S 11
M12	3 24 34	19°33'41	2♈24	27°39	24°24	7°51	22°52	18°39	6°26	25°33	6°24	0°26	1°36	17°16	3°19	M12
T 13	3 28 31	20°33'55	14°28	29°12	25°37	8°36	22°57	18°46	6°23	25°32	6°24	0°19	1°33	17°23	3°16	T 13
W14	3 32 28	21°34'12	26°42	0♐44	26°50	9°21	23° 2	18°53	6°21	25°31	6°23	0°11	1°29	17°29	3°14	W14
T 15	3 36 24	22°34'30	9♉ 7	2°17	28° 3	10° 7	23° 7	18°59	6°18	25°30	6°23	0° 4	1°26	17°36	3°11	T 15
F 16	3 40 21	23°34'50	21°46	3°49	29°16	10°52	23°13	19° 6	6°16	25°30	6°23	29♊58	1°23	17°43	3° 9	F 16
S 17	3 44 17	24°35'11	4♊37	5°21	0♑29	11°37	23°18	19°12	6°14	25°29	6°23	29°54	1°20	17°49	3° 6	S 17
S 18	3 48 14	25°35'34	17°40	6°52	1°42	12°23	23°24	19°19	6°12	25°28	6°22	29°52	1°17	17°56	3° 3	S 18
M19	3 52 10	26°35'59	0♋56	8°23	2°55	13° 9	23°30	19°25	6° 9	25°28	6°22	29°D51	1°14	18° 3	3° 1	M19
T 20	3 56 7	27°36'26	14°22	9°54	4° 8	13°54	23°36	19°31	6° 7	25°27	6°22	29°52	1°10	18°10	2°58	T 20
W21	4 0 4	28°36'54	28° 0	11°25	5°20	14°40	23°42	19°38	6° 5	25°27	6°21	29°53	1° 7	18°16	2°55	W21
T 22	4 4 0	29°37'24	11♌49	12°55	6°33	15°26	23°49	19°44	6° 3	25°26	6°21	29°55	1° 4	18°23	2°52	T 22
F 23	4 7 57	0♐37'56	25°48	14°25	7°46	16°11	23°56	19°50	6° 0	25°26	6°21	29°R56	1° 1	18°30	2°49	F 23
S 24	4 11 53	1°38'30	9♍56	15°55	8°58	16°57	24° 2	19°56	5°58	25°25	6°20	29°56	0°58	18°37	2°46	S 24
S 25	4 15 50	2°39'06	24°12	17°24	10°11	17°43	24° 9	20° 2	5°56	25°25	6°20	29°54	0°55	18°43	2°43	S 25
M26	4 19 46	3°39'43	8♎34	18°53	11°23	18°29	24°17	20° 8	5°54	25°24	6°19	29°51	0°51	18°50	2°40	M26
T 27	4 23 43	4°40'22	22°57	20°21	12°36	19°15	24°24	20°14	5°52	25°24	6°19	29°48	0°48	18°57	2°37	T 27
W28	4 27 39	5°41'03	7♏16	21°49	13°48	20° 1	24°31	20°20	5°50	25°24	6°18	29°44	0°45	19° 3	2°34	W28
T 29	4 31 36	6°41'45	21°27	23°17	15° 1	20°47	24°39	20°26	5°48	25°23	6°18	29°41	0°42	19°10	2°30	T 29
F 30	4 35 32	7♐42'29	5♐25	24♐44	16♑13	21♑33	24♒47	20♎32	5♉46	25♓23	6♌17	29♊38	0♋39	19♓17	2♋27	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	14s20	12s 5	3n47	14s36	0n15	23s15	1s11	24s47	1s22	15s 7	1s 4	4s46	2n14	13n19	0s30	2s50	1s14	22n14	3n42	23n25	23n24	10s 3	17n 8	6s14
F 2	14 39	16 46	2 50	15 13	0 9	23 27	1 14	24 47	1 23	15 6	1 4	4 48	2 14	13 18	0 30	2 50	1 14	22 14	3 42	23 25	23 24	10 1	17 7	6 15
S 3	14 58	20 23	1 43	15 49	0 2	23 39	1 16	24 47	1 23	15 5	1 4	4 51	2 14	13 18	0 30	2 50	1 14	22 14	3 42	23 25	23 24	9 59	17 7	6 15
S 4	15 17	22 46	0 32	16 24	0s 5	23 50	1 19	24 47	1 23	15 4	1 4	4 53	2 14	13 17	0 30	2 51	1 14	22 14	3 42	23 25	23 24	9 56	17 6	6 16
M 5	15 35	23 50	0s38	16 58	0 12	24 1	1 22	24 46	1 23	15 3	1 4	4 56	2 14	13 16	0 30	2 51	1 14	22 15	3 43	23 25	23 24	9 54	17 6	6 16
T 6	15 53	23 36	1 44	17 32	0 18	24 11	1 24	24 45	1 23	15 2	1 4	4 58	2 14	13 15	0 30	2 52	1 14	22 15	3 43	23 25	23 24	9 51	17 5	6 17
W 7	16 11	22 13	2 44	18 4	0 25	24 20	1 27	24 44	1 23	15 0	1 4	5 1	2 14	13 15	0 30	2 52	1 14	22 15	3 43	23 25	23 24	9 49	17 5	6 17
T 8	16 29	19 49	3 36	18 36	0 32	24 29	1 29	24 42	1 23	14 59	1 3	5 3	2 15	13 14	0 30	2 52	1 14	22 15	3 43	23 25	23 24	9 47	17 5	6 18
F 9	16 46	16 37	4 17	19 6	0 38	24 37	1 31	24 40	1 23	14 57	1 3	5 6	2 15	13 13	0 30	2 53	1 14	22 15	3 43	23 25	23 24	9 44	17 4	6 18
S 10	17 3	12 46	4 47	19 36	0 45	24 44	1 34	24 38	1 23	14 56	1 3	5 8	2 15	13 12	0 30	2 53	1 14	22 15	3 43	23 25	23 24	9 42	17 4	6 19
S 11	17 20	8 27	5 4	20 5	0 51	24 50	1 36	24 36	1 22	14 54	1 3	5 11	2 15	13 11	0 30	2 53	1 14	22 16	3 44	23 25	23 24	9 39	17 3	6 19
M12	17 36	3 46	5 9	20 33	0 57	24 56	1 38	24 33	1 22	14 52	1 3	5 13	2 15	13 11	0 30	2 54	1 13	22 16	3 44	23 25	23 24	9 37	17 3	6 20
T 13	17 52	1n 5	5 0	20 59	1 3	25 1	1 40	24 30	1 22	14 51	1 3	5 16	2 15	13 10	0 30	2 54	1 13	22 16	3 44	23 25	23 24	9 34	17 2	6 20
W14	18 8	5 58	4 37	21 25	1 10	25 5	1 42	24 27	1 22	14 49	1 3	5 18	2 15	13 9	0 30	2 54	1 13	22 16	3 44	23 25	23 24	9 32	17 2	6 21
T 15	18 24	10 43	4 1	21 50	1 15	25 9	1 45	24 24	1 22	14 47	1 3	5 20	2 15	13 8	0 30	2 54	1 13	22 16	3 44	23 25	23 24	9 30	17 2	6 21
F 16	18 39	15 5	3 12	22 13	1 21	25 11	1 47	24 20	1 22	14 45	1 2	5 23	2 16	13 8	0 30	2 55	1 13	22 17	3 44	23 25	23 24	9 27	17 1	6 21
S 17	18 54	18 51	2 13	22 36	1 27	25 13	1 48	24 16	1 22	14 43	1 2	5 25	2 16	13 7	0 30	2 55	1 13	22 17	3 45	23 25	23 24	9 25	17 1	6 22
S 18	19 8	21 45	1 6	22 57	1 32	25 15	1 50	24 12	1 22	14 41	1 2	5 27	2 16	13 6	0 30	2 55	1 13	22 17	3 45	23 25	23 25	9 22	17 1	6 22
M19	19 23	23 31	0n 6	23 17	1 38	25 15	1 52	24 7	1 22	14 39	1 2	5 29	2 16	13 5	0 30	2 55	1 13	22 17	3 45	23 25	23 25	9 20	17 0	6 23
T 20	19 36	23 57	1 19	23 36	1 43	25 15	1 54	24 3	1 22	14 37	1 2	5 32	2 16	13 5	0 30	2 56	1 13	22 18	3 45	23 25	23 25	9 17	17 0	6 23
W21	19 50	22 57	2 28	23 54	1 48	25 14	1 56	23 58	1 22	14 35	1 2	5 34	2 16	13 4	0 30	2 56	1 13	22 18	3 45	23 25	23 25	9 15	17 0	6 24
T 22	20 3	20 35	3 30	24 11	1 52	25 12	1 57	23 52	1 22	14 32	1 2	5 36	2 17	13 3	0 30	2 56	1 13	22 18	3 45	23 25	23 25	9 12	16 59	6 24
F 23	20 16	16 59	4 20	24 26	1 57	25 10	1 59	23 47	1 21	14 30	1 2	5 38	2 17	13 3	0 30	2 56	1 13	22 18	3 46	23 25	23 25	9 10	16 59	6 24
S 24	20 28	12 23	4 55	24 40	2 1	25 7	2 0	23 41	1 21	14 28	1 1	5 40	2 17	13 2	0 30	2 56	1 13	22 19	3 46	23 25	23 25	9 8	16 59	6 25
S 25	20 40	7 4	5 12	24 53	2 5	25 3	2 2	23 35	1 21	14 25	1 1	5 43	2 17	13 1	0 30	2 56	1 13	22 19	3 46	23 25	23 25	9 5	16 58	6 25
M26	20 52	1 21	5 10	25 5	2 8	24 58	2 3	23 29	1 21	14 23	1 1	5 45	2 17	13 0	0 30	2 57	1 13	22 19	3 46	23 25	23 25	9 3	16 58	6 25
T 27	21 3	4s27	4 48	25 15	2 12	24 53	2 4	23 22	1 21	14 20	1 1	5 47	2 17	13 0	0 30	2 57	1 13	22 19	3 46	23 25	23 25	9 0	16 58	6 26
W28	21 14	10 0	4 9	25 24	2 15	24 47	2 5	23 15	1 21	14 18	1 1	5 49	2 18	12 59	0 30	2 57	1 13	22 20	3 46	23 25	23 25	8 58	16 57	6 26
T 29	21 24	14 58	3 15	25 32	2 17	24 40	2 6	23 8	1 20	14 15	1 1	5 51	2 18	12 58	0 30	2 57	1 13	22 20	3 46	23 25	23 25	8 55	16 57	6 26
F 30	21s34	19s 4	2n 9	25s38	2s20	24s32	2s 7	23s 1	1s20	14s12	1s 1	5s53	2n18	12n58	0s30	2s57	1s13	22n20	3n47	23n25	23n25	8s53	16n57	6s27

Julian Day Number = 2520149.5, Delta T = 151.57 sec
Ecliptic obliquity = 23°24'53, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'55, Lahiri = 26°28'55

ASTRODIENST EPHEMERIS for the year 2187
geocentric

DECEMBER 2187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 29	8♐43'14	19♐ 5	26♐10	17♑26	22♑19	24♒55	20♎38	5°R44	25°R23	6°R17	29°R37	0♋35	19♓24	2°R24	S 1
S 2	4 43 26	9°44'00	2♑25	27°36	18°38	23° 6	25° 3	20°43	5♉42	25♓23	6♌16	29°D37	0°32	19°30	2♋20	S 2
M 3	4 47 22	10°44'47	15°25	29° 0	19°50	23°52	25°11	20°49	5°40	25°23	6°15	29♊37	0°29	19°37	2°17	M 3
T 4	4 51 19	11°45'36	28° 5	0♑24	21° 3	24°38	25°19	20°55	5°38	25°23	6°15	29°39	0°26	19°44	2°13	T 4
W 5	4 55 15	12°46'25	10♒28	1°47	22°15	25°25	25°28	21° 0	5°36	25°23	6°14	29°40	0°23	19°50	2°10	W 5
T 6	4 59 12	13°47'16	22°36	3° 8	23°27	26°11	25°36	21° 5	5°35	25°22	6°13	29°41	0°20	19°57	2° 6	T 6
F 7	5 3 8	14°48'07	4♓35	4°28	24°39	26°57	25°45	21°11	5°33	25°D22	6°12	29°42	0°16	20° 4	2° 3	F 7
S 8	5 7 5	15°48'59	16°28	5°46	25°51	27°44	25°54	21°16	5°31	25°22	6°12	29°R43	0°13	20°11	1°59	S 8
S 9	5 11 2	16°49'52	28°20	7° 2	27° 3	28°30	26° 3	21°21	5°30	25°23	6°11	29°42	0°10	20°17	1°55	S 9
M10	5 14 58	17°50'45	10♈17	8°15	28°15	29°17	26°12	21°26	5°28	25°23	6°10	29°41	0° 7	20°24	1°52	M10
T 11	5 18 55	18°51'39	22°23	9°26	29°26	0♒ 4	26°22	21°32	5°26	25°23	6° 9	29°40	0° 4	20°31	1°48	T 11
W12	5 22 51	19°52'35	4♉40	10°34	0♒38	0°50	26°31	21°37	5°25	25°23	6° 8	29°39	0° 1	20°38	1°44	W12
T 13	5 26 48	20°53'30	17°14	11°38	1°50	1°37	26°41	21°41	5°23	25°23	6° 8	29°37	29♊57	20°44	1°41	T 13
F 14	5 30 44	21°54'27	0♊ 4	12°38	3° 1	2°23	26°50	21°46	5°22	25°23	6° 7	29°36	29°54	20°51	1°37	F 14
S 15	5 34 41	22°55'25	13°12	13°34	4°13	3°10	27° 0	21°51	5°20	25°24	6° 6	29°36	29°51	20°58	1°33	S 15
S 16	5 38 37	23°56'23	26°38	14°24	5°24	3°57	27°10	21°56	5°19	25°24	6° 5	29°D35	29°48	21° 4	1°29	S 16
M17	5 42 34	24°57'22	10♋20	15° 7	6°35	4°44	27°20	22° 0	5°18	25°24	6° 4	29°35	29°45	21°11	1°26	M17
T 18	5 46 31	25°58'22	24°15	15°44	7°47	5°30	27°31	22° 5	5°16	25°25	6° 3	29°36	29°41	21°18	1°22	T 18
W19	5 50 27	26°59'23	8♌20	16°13	8°58	6°17	27°41	22° 9	5°15	25°25	6° 2	29°36	29°38	21°25	1°18	W19
T 20	5 54 24	28° 0'25	22°31	16°33	10° 9	7° 4	27°51	22°14	5°14	25°26	6° 1	29°36	29°35	21°31	1°14	T 20
F 21	5 58 20	29° 1'27	6♍45	16°R43	11°20	7°51	28° 2	22°18	5°13	25°26	6° 0	29°36	29°32	21°38	1°10	F 21
S 22	6 2 17	0♑ 2'31	21° 0	16°43	12°31	8°38	28°12	22°22	5°11	25°27	5°59	29°R36	29°29	21°45	1° 6	S 22
S 23	6 6 13	1° 3'35	5♎11	16°32	13°41	9°25	28°23	22°26	5°10	25°27	5°58	29°D36	29°26	21°51	1° 2	S 23
M24	6 10 10	2° 4'40	19°18	16° 9	14°52	10°12	28°34	22°30	5° 9	25°28	5°57	29°36	29°22	21°58	0°59	M24
T 25	6 14 6	3° 5'47	3♏18	15°34	16° 3	10°59	28°45	22°34	5° 8	25°28	5°56	29°37	29°19	22° 5	0°55	T 25
W26	6 18 3	4° 6'53	17° 9	14°48	17°13	11°46	28°56	22°38	5° 7	25°29	5°55	29°37	29°16	22°12	0°51	W26
T 27	6 22 0	5° 8'01	0♐50	13°52	18°23	12°33	29° 7	22°42	5° 6	25°30	5°53	29°38	29°13	22°18	0°47	T 27
F 28	6 25 56	6° 9'09	14°19	12°45	19°34	13°20	29°19	22°46	5° 6	25°30	5°52	29°38	29°10	22°25	0°43	F 28
S 29	6 29 53	7°10'18	27°36	11°32	20°44	14° 7	29°30	22°49	5° 5	25°31	5°51	29°R38	29° 7	22°32	0°39	S 29
S 30	6 33 49	8°11'27	10♑38	10°13	21°54	14°54	29°41	22°53	5° 4	25°32	5°50	29°38	29° 3	22°39	0°36	S 30
M31	6 37 46	9♑12'37	23♑25	8♑51	23♒ 4	15♒41	29♒53	22♎56	5♉ 3	25♓33	5♌49	29♊37	29♊ 0	22♓45	0♋32	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	21s44	22s 0	0n58	25s43	2s22	24s24	2s 8	22s53	1s20	14s 9	1s 1	5s55	2n18	12n57	0s30	2s57	1s13	22n21	3n47	23n25	23n25	8s50	16n57	6s27
S 2	21 53	23 39	0s16	25 47	2 23	24 15	2 9	22 45	1 20	14 7	1 1	5 57	2 18	12 57	0 30	2 57	1 13	22 21	3 47	23 25	23 25	8 48	16 56	6 27
M 3	22 2	23 57	1 26	25 49	2 24	24 5	2 10	22 37	1 20	14 4	1 0	5 59	2 18	12 56	0 30	2 57	1 13	22 21	3 47	23 25	23 25	8 45	16 56	6 28
T 4	22 10	22 59	2 31	25 50	2 25	23 55	2 11	22 29	1 19	14 1	1 0	6 1	2 19	12 55	0 30	2 57	1 13	22 22	3 47	23 25	23 25	8 43	16 56	6 28
W 5	22 18	20 55	3 27	25 49	2 25	23 44	2 11	22 20	1 19	13 58	1 0	6 3	2 19	12 55	0 30	2 57	1 13	22 22	3 47	23 25	23 25	8 40	16 56	6 28
T 6	22 26	17 56	4 12	25 47	2 24	23 32	2 12	22 11	1 19	13 55	1 0	6 4	2 19	12 54	0 29	2 57	1 13	22 22	3 48	23 25	23 25	8 38	16 55	6 29
F 7	22 33	14 16	4 46	25 43	2 23	23 20	2 12	22 2	1 19	13 52	1 0	6 6	2 19	12 54	0 29	2 57	1 13	22 23	3 48	23 25	23 25	8 35	16 55	6 29
S 8	22 40	10 4	5 8	25 39	2 21	23 7	2 12	21 52	1 18	13 49	1 0	6 8	2 19	12 53	0 29	2 57	1 13	22 23	3 48	23 25	23 25	8 33	16 55	6 29
S 9	22 46	5 30	5 16	25 32	2 19	22 53	2 12	21 43	1 18	13 46	1 0	6 10	2 20	12 53	0 29	2 57	1 13	22 23	3 48	23 25	23 25	8 30	16 55	6 29
M10	22 52	0 42	5 11	25 25	2 16	22 39	2 12	21 33	1 18	13 42	1 0	6 11	2 20	12 52	0 29	2 57	1 13	22 24	3 48	23 25	23 25	8 28	16 55	6 30
T 11	22 57	4n11	4 52	25 16	2 12	22 24	2 12	21 23	1 18	13 39	1 0	6 13	2 20	12 52	0 29	2 57	1 13	22 24	3 48	23 25	23 25	8 25	16 54	6 30
W12	23 2	8 59	4 19	25 6	2 7	22 9	2 12	21 12	1 17	13 36	0 59	6 15	2 20	12 51	0 29	2 57	1 13	22 24	3 48	23 25	23 25	8 23	16 54	6 30
T 13	23 6	13 32	3 34	24 55	2 1	21 53	2 12	21 2	1 17	13 32	0 59	6 16	2 20	12 51	0 29	2 56	1 13	22 25	3 49	23 25	23 25	8 20	16 54	6 30
F 14	23 10	17 36	2 36	24 43	1 54	21 36	2 12	20 51	1 17	13 29	0 59	6 18	2 21	12 50	0 29	2 56	1 12	22 25	3 49	23 25	23 25	8 18	16 54	6 30
S 15	23 14	20 53	1 30	24 30	1 47	21 19	2 11	20 40	1 16	13 26	0 59	6 20	2 21	12 50	0 29	2 56	1 12	22 25	3 49	23 25	23 25	8 15	16 54	6 31
S 16	23 17	23 6	0 16	24 16	1 38	21 1	2 11	20 29	1 16	13 22	0 59	6 21	2 21	12 49	0 29	2 56	1 12	22 26	3 49	23 25	23 25	8 12	16 54	6 31
M17	23 19	24 0	0n59	24 1	1 28	20 42	2 10	20 17	1 16	13 18	0 59	6 23	2 21	12 49	0 29	2 56	1 12	22 26	3 49	23 25	23 25	8 10	16 54	6 31
T 18	23 21	23 25	2 13	23 45	1 17	20 23	2 9	20 6	1 15	13 15	0 59	6 24	2 22	12 48	0 29	2 56	1 12	22 26	3 49	23 25	23 25	8 7	16 53	6 31
W19	23 23	21 22	3 19	23 30	1 4	20 4	2 8	19 54	1 15	13 11	0 59	6 26	2 22	12 48	0 29	2 56	1 12	22 27	3 49	23 25	23 25	8 5	16 53	6 31
T 20	23 24	17 59	4 13	23 13	0 50	19 44	2 8	19 42	1 15	13 8	0 59	6 27	2 22	12 48	0 29	2 55	1 12	22 27	3 50	23 25	23 25	8 2	16 53	6 31
F 21	23 25	13 33	4 52	22 57	0 35	19 23	2 6	19 29	1 14	13 4	0 59	6 28	2 22	12 47	0 29	2 55	1 12	22 28	3 50	23 25	23 25	8 0	16 53	6 31
S 22	23 25	8 22	5 14	22 41	0 19	19 2	2 5	19 17	1 14	13 0	0 59	6 30	2 22	12 47	0 29	2 55	1 12	22 28	3 50	23 25	23 25	7 57	16 53	6 32
S 23	23 25	2 46	5 16	22 25	0 1	18 41	2 4	19 4	1 14	12 56	0 59	6 31	2 23	12 47	0 29	2 55	1 12	22 28	3 50	23 25	23 25	7 55	16 53	6 32
M24	23 24	2s56	4 59	22 9	0n17	18 19	2 3	18 51	1 13	12 52	0 58	6 32	2 23	12 46	0 29	2 54	1 12	22 29	3 50	23 25	23 25	7 52	16 53	6 32
T 25	23 23	8 27	4 24	21 54	0 36	17 56	2 1	18 38	1 13	12 49	0 58	6 33	2 23	12 46	0 29	2 54	1 12	22 29	3 50	23 25	23 25	7 50	16 53	6 32
W26	23 21	13 30	3 34	21 40	0 56	17 33	1 59	18 24	1 13	12 45	0 58	6 35	2 23	12 46	0 29	2 54	1 12	22 30	3 50	23 25	23 25	7 47	16 53	6 32
T 27	23 19	17 48	2 33	21 26	1 16	17 10	1 58	18 11	1 12	12 41	0 58	6 36	2 24	12 45	0 29	2 54	1 12	22 30	3 50	23 25	23 25	7 44	16 53	6 32
F 28	23 16	21 6	1 24	21 13	1 35	16 46	1 56	17 57	1 12	12 37	0 58	6 37	2 24	12 45	0 29	2 53	1 12	22 30	3 51	23 25	23 25	7 42	16 53	6 32
S 29	23 13	23 12	0 11	21 1	1 54	16 22	1 54	17 43	1 11	12 33	0 58	6 38	2 24	12 45	0 29	2 53	1 12	22 31	3 51	23 25	23 25	7 39	16 53	6 32
S 30	23 10	24 0	1s 1	20 50	2 11	15 57	1 52	17 29	1 11	12 28	0 58	6 39	2 24	12 45	0 29	2 53	1 12	22 31	3 51	23 25	23 25	7 37	16 53	6 32
M31	23s 6	23s29	2s 8	20s40	2n27	15s32	1s49	17s15	1s11	12s24	0s58	6s40	2n25	12n44	0s29	2s52	1s12	22n32	3n51	23n25	23n25	7s34	16n53	6s32

Julian Day Number = 2520179.5, Delta T = 151.65 sec
Ecliptic obliquity = 23°24'53, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'59, Lahiri = 26°28'59