



Astrodienst Ephemeris Tables for the year 2186

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 EPHEMERIS for the year 2186
geocentric

JANUARY 2186

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 43 37	10°34'42	6°39	23°341	21°30	0°24	6°340	28°34	26°R54	21°10	2°R57	6°R26	7°36	1°341	15°R 3	S 1
M 2	6 47 34	11°44'50	20°58	25°16	22°46	1°11	6°54	28°35	26°Y54	21°11	2°55	6°23	7°33	1°47	15°II 0	M 2
T 3	6 51 30	12°45'57	5°II43	26°51	24° 1	1°58	7° 8	28°35	26°54	21°12	2°54	6°19	7°30	1°54	14°57	T 3
W 4	6 55 27	13°47'05	20°46	28°25	25°16	2°45	7°22	28°35	26°54	21°13	2°53	6°16	7°27	2° 1	14°54	W 4
T 5	6 59 23	14°48'12	5°59	29°58	26°32	3°32	7°35	28°36	26°D54	21°14	2°52	6°13	7°24	2° 7	14°51	T 5
F 6	7 3 20	15°49'20	21°13	1°31	27°47	4°19	7°49	28°36	26°54	21°15	2°50	6°12	7°21	2°14	14°48	F 6
S 7	7 7 17	16°50'28	6°18	3° 2	29° 2	5° 6	8° 3	28°R36	26°54	21°16	2°49	6°D11	7°17	2°21	14°45	S 7
S 8	7 11 13	17°51'35	21° 4	4°33	0°18	5°53	8°17	28°36	26°54	21°18	2°48	6°12	7°14	2°27	14°42	S 8
M 9	7 15 10	18°52'43	5°26	6° 1	1°33	6°40	8°30	28°36	26°54	21°19	2°47	6°13	7°11	2°34	14°39	M 9
T 10	7 19 6	19°53'51	19°21	7°28	2°48	7°27	8°44	28°36	26°54	21°20	2°45	6°14	7° 8	2°41	14°37	T 10
W11	7 23 3	20°54'58	2°48	8°52	4° 3	8°15	8°58	28°35	26°55	21°21	2°44	6°15	7° 5	2°47	14°34	W11
T 12	7 26 59	21°56'06	15°50	10°13	5°19	9° 2	9°11	28°35	26°55	21°23	2°43	6°16	7° 1	2°54	14°31	T 12
F 13	7 30 56	22°57'14	28°30	11°31	6°34	9°49	9°25	28°35	26°55	21°24	2°41	6°R16	6°58	3° 1	14°29	F 13
S 14	7 34 52	23°58'23	10°15	12°45	7°49	10°36	9°39	28°34	26°56	21°26	2°40	6°15	6°55	3° 7	14°26	S 14
S 15	7 38 49	24°59'31	22°59	13°54	9° 4	11°23	9°52	28°33	26°56	21°27	2°39	6°14	6°52	3°14	14°24	S 15
M16	7 42 46	26° 0'39	4°56	14°57	10°20	12°11	10° 6	28°32	26°57	21°28	2°37	6°13	6°49	3°21	14°21	M16
T 17	7 46 42	27° 1'47	16°47	15°55	11°35	12°58	10°19	28°31	26°58	21°30	2°36	6°11	6°46	3°27	14°19	T 17
W18	7 50 39	28° 2'54	28°36	16°45	12°50	13°45	10°33	28°30	26°58	21°31	2°35	6°10	6°42	3°34	14°17	W18
T 19	7 54 35	29° 4'02	10°24	17°27	14° 5	14°33	10°46	28°29	26°59	21°33	2°34	6° 9	6°39	3°41	14°14	T 19
F 20	7 58 32	0°5'09	22°15	18° 1	15°21	15°20	11° 0	28°28	27° 0	21°35	2°32	6° 9	6°36	3°47	14°12	F 20
S 21	8 2 28	1° 6'15	4°11	18°25	16°36	16° 7	11°13	28°26	27° 1	21°36	2°31	6°D 8	6°33	3°54	14°10	S 21
S 22	8 6 25	2° 7'21	16°14	18°38	17°51	16°55	11°27	28°25	27° 1	21°38	2°29	6° 8	6°30	4° 1	14° 8	S 22
M23	8 10 21	3° 8'26	28°24	18°R40	19° 6	17°42	11°40	28°23	27° 2	21°39	2°28	6° 9	6°27	4° 7	14° 6	M23
T 24	8 14 18	4° 9'31	10°45	18°31	20°21	18°30	11°53	28°21	27° 3	21°41	2°27	6° 9	6°23	4°14	14° 4	T 24
W25	8 18 15	5°10'34	23°19	18°10	21°36	19°17	12° 6	28°20	27° 4	21°43	2°25	6° 9	6°20	4°21	14° 2	W25
T 26	8 22 11	6°11'37	6°Y 6	17°38	22°52	20° 4	12°20	28°18	27° 5	21°44	2°24	6°R 9	6°17	4°27	14° 1	T 26
F 27	8 26 8	7°12'39	19°11	16°54	24° 7	20°52	12°33	28°16	27° 7	21°46	2°23	6° 9	6°14	4°34	13°59	F 27
S 28	8 30 4	8°13'39	2°34	16° 2	25°22	21°39	12°46	28°13	27° 8	21°48	2°21	6°D 9	6°11	4°41	13°57	S 28
S 29	8 34 1	9°14'39	16°17	15° 0	26°37	22°27	12°59	28°11	27° 9	21°50	2°20	6° 9	6° 7	4°47	13°56	S 29
M30	8 37 57	10°15'38	0°II20	13°52	27°52	23°14	13°12	28° 9	27°10	21°51	2°19	6° 9	6° 4	4°54	13°54	M30
T 31	8 41 54	11°16'35	14°II43	12°40	29°7	24°2	13°25	28°10	27°12	21°53	2°18	6°10	6°1	5°3	13°II53	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	22s59	8n46	5s15	23s29	2s10	22s47	1s 6	21s 8	1s 7	23s 7	0n 7	2n33	2n 9	9n50	0s33	4s30
M 2	22 54	13 5	5 5	23 10	2 9	22 36	1 8	20 58	1 7	23 7	0 7	2 33	2 9	9 50	0 33	4 30
T 3	22 48	16 44	4 34	22 50	2 7	22 25	1 9	20 48	1 7	23 6	0 7	2 33	2 10	9 50	0 33	4 30
W 4	22 42	19 21	3 45	22 29	2 4	22 13	1 11	20 37	1 7	23 5	0 7	2 33	2 10	9 50	0 33	4 29
T 5	22 36	20 38	2 39	22 6	2 1	22 1	1 12	20 26	1 7	23 5	0 7	2 33	2 10	9 50	0 33	4 29
F 6	22 29	20 24	1 22	21 42	1 57	21 47	1 14	20 15	1 7	23 4	0 7	2 33	2 10	9 50	0 33	4 28
S 7	22 21	18 41	0n 1	21 17	1 52	21 33	1 15	20 4	1 7	23 3	0 7	2 33	2 11	9 50	0 33	4 28
S 8	22 13	15 45	1 21	20 50	1 47	21 19	1 17	19 52	1 7	23 3	0 7	2 34	2 11	9 50	0 33	4 27
M 9	22 5	11 55	2 35	20 22	1 41	21 4	1 18	19 40	1 7	23 2	0 7	2 34	2 11	9 50	0 33	4 27
T 10	21 56	7 32	3 37	19 54	1 34	20 48	1 19	19 28	1 7	23 1	0 7	2 34	2 12	9 51	0 33	4 26
W11	21 47	2 56	4 25	19 24	1 26	20 32	1 21	19 16	1 7	23 0	0 6	2 35	2 12	9 51	0 33	4 26
T 12	21 38	1s39	4 57	18 54	1 17	20 14	1 22	19 3	1 7	22 59	0 6	2 35	2 12	9 51	0 33	4 25
F 13	21 28	6 2	5 14	18 24	1 8	19 57	1 23	18 51	1 7	22 58	0 6	2 36	2 12	9 51	0 33	4 24
S 14	21 17	10 3	5 16	17 53	0 57	19 39	1 24	18 38	1 7	22 58	0 6	2 36	2 13	9 51	0 33	4 24
S 15	21 7	13 36	5 4	17 22	0 46	19 20	1 25	18 25	1 7	22 57	0 6	2 37	2 13	9 51	0 33	4 23
M16	20 55	16 32	4 38	16 52	0 33	19 1	1 26	18 12	1 7	22 56	0 6	2 37	2 13	9 52	0 33	4 23
T 17	20 44	18 46	4 1	16 22	0 19	18 41	1 27	17 58	1 7	22 55	0 6	2 38	2 14	9 52	0 33	4 22
W18	20 32	20 11	3 14	15 53	0 5	18 20	1 28	17 44	1 6	22 54	0 6	2 39	2 14	9 52	0 33	4 21
T 19	20 19	20 43	2 18	15 25	0n10	18 0	1 28	17 31	1 6	22 53	0 6	2 39	2 14	9 53	0 33	4 21
F 20	20 7	20 19	1 16	14 59	0 27	17 38	1 29	17 17	1 6	22 52	0 6	2 40	2 14	9 53	0 33	4 20
S 21	19 53	19 1	0 11	14 36	0 44	17 16	1 30	17 2	1 6	22 51	0 6	2 41	2 15	9 53	0 33	4 20
S 22	19 40	16 51	0s56	14 15	1 1	16 54	1 30	16 48	1 6	22 50	0 5	2 42	2 15	9 54	0 33	4 19
M23	19 26	13 54	2 1	13 57	1 20	16 31	1 31	16 33	1 6	22 49	0 5	2 43	2 15	9 54	0 33	4 18
T 24	19 12	10 19	3 1	13 43	1 38	16 8	1 31	16 19	1 6	22 48	0 5	2 43	2 15	9 54	0 33	4 18
W25	18 57	6 13	3 53	13 32	1 56	15 44	1 31	16 4	1 6	22 47	0 5	2 44	2 16	9 55	0 33	4 17
T 26	18 42	1 48	4 35	13 25	2 13	15 20	1 32	15 49	1 5	22 45	0 5	2 45	2 16	9 55	0 33	4 16
F 27	18 27	2n48	5 4	13 22	2 30	14 55	1 32	15 33	1 5	22 44	0 5	2 46	2 16	9 56	0 33	4 15
S 28	18 11	7 22	5 17	13 23	2 46	14 30	1 32	15 18	1 5	22 43	0 5	2 48	2 16	9 56	0 33	4 15
S 29	17 55	11 41	5 13	13 27	3 0	14 5	1 32	15 2	1 5	22 42	0 5	2 49	2 17	9 56	0 33	4 14
M30	17 39	15 28	4 50	13 35	3 12	13 39	1 32	14 47	1 5	22 41	0 5	2 50	2 17	9 57	0 32	4 13
T 31	17s23	18n25	4s 9	13s46	3n22	13s13	1s32	14s31	1s 4	22s40	0n 5	2n51	2n17	9n57	0s32	4s13

Julian Day Number = 2519480.5, Delta T = 149.93 sec
Ecliptic obliquity = 23°24'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'22, Lahiri = 26°27'23

ASTRODIENST EPHEMERIS for the year 2186
geocentric

FEBRUARY 2186

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 45 50	12 ²² 17'31	29 ¹¹ 24	11°R25	0 ¹ 22	24 ²² 49	13 ²³ 38	28°R 4	27 ¹¹ 13	21 ¹¹ 55	2°R16	6 ¹⁰ 10	5 ¹⁰ 58	5 ¹⁰ 37	13°R51	W 1
T 2	8 49 47	13°18'26	14 ¹⁰ 16	10 ¹⁰ 10	1°37	25°37	13°51	28 ¹¹ 1	27°14	21°57	2 ¹⁰ 15	6°11	5°55	5°14	13 ¹¹ 50	T 2
F 3	8 53 44	14°19'20	29°13	8°56	2°52	26°24	14° 4	27°59	27°16	21°59	2°14	6°R11	5°52	5°21	13°49	F 3
S 4	8 57 40	15°20'13	14 ¹⁰ 7	7°47	4° 7	27°11	14°17	27°56	27°17	22° 1	2°12	6°11	5°48	5°27	13°48	S 4
S 5	9 1 37	16°21'05	28°50	6°43	5°22	27°59	14°30	27°53	27°19	22° 3	2°11	6°11	5°45	5°34	13°46	S 5
M 6	9 5 33	17°21'55	13 ¹¹ 15	5°46	6°36	28°46	14°42	27°50	27°20	22° 5	2°10	6° 9	5°42	5°41	13°45	M 6
T 7	9 9 30	18°22'45	27°18	4°57	7°51	29°34	14°55	27°47	27°22	22° 7	2° 8	6° 8	5°39	5°47	13°45	T 7
W 8	9 13 26	19°23'34	10 ¹⁰ 54	4°15	9° 6	0 ¹ 21	15° 8	27°44	27°24	22° 9	2° 7	6° 6	5°36	5°54	13°44	W 8
T 9	9 17 23	20°24'21	24° 5	3°42	10°21	1° 9	15°20	27°41	27°26	22°11	2° 6	6° 4	5°33	6° 1	13°43	T 9
F 10	9 21 19	21°25'08	6 ¹⁰ 51	3°18	11°36	1°56	15°33	27°37	27°27	22°13	2° 5	6° 3	5°29	6° 7	13°42	F 10
S 11	9 25 16	22°25'54	19°16	3° 1	12°50	2°44	15°45	27°34	27°29	22°15	2° 3	6°D 3	5°26	6°14	13°41	S 11
S 12	9 29 13	23°26'39	1 ¹⁰ 25	2°53	14° 5	3°31	15°58	27°30	27°31	22°17	2° 2	6° 3	5°23	6°21	13°41	S 12
M13	9 33 9	24°27'23	13°22	2°D52	15°20	4°19	16°10	27°27	27°33	22°19	2° 1	6° 4	5°20	6°27	13°40	M13
T 14	9 37 6	25°28'06	25°12	2°58	16°34	5° 6	16°22	27°23	27°35	22°21	2° 0	6° 5	5°17	6°34	13°40	T 14
W15	9 41 2	26°28'48	7 ¹⁰ 0	3°11	17°49	5°54	16°34	27°20	27°37	22°23	1°58	6° 7	5°13	6°41	13°40	W15
T 16	9 44 59	27°29'29	18°49	3°30	19° 4	6°41	16°46	27°16	27°39	22°25	1°57	6° 8	5°10	6°47	13°39	T 16
F 17	9 48 55	28°30'08	0 ¹⁰ 44	3°55	20°18	7°28	16°58	27°12	27°41	22°27	1°56	6°R 9	5° 7	6°54	13°39	F 17
S 18	9 52 52	29°30'46	12°48	4°26	21°33	8°16	17°10	27° 8	27°43	22°29	1°55	6° 9	5° 4	7° 1	13°39	S 18
S 19	9 56 48	0 ¹⁰ 31'23	25° 3	5° 1	22°47	9° 3	17°22	27° 4	27°45	22°31	1°54	6° 8	5° 1	7° 7	13°D39	S 19
M20	10 0 45	1°31'58	7 ¹⁰ 30	5°40	24° 2	9°51	17°34	27° 0	27°48	22°33	1°53	6° 5	4°58	7°14	13°39	M20
T 21	10 4 41	2°32'32	20°10	6°24	25°16	10°38	17°46	26°56	27°50	22°36	1°51	6° 2	4°54	7°21	13°39	T 21
W22	10 8 38	3°33'04	3 ¹⁰ 3	7°12	26°31	11°25	17°57	26°52	27°52	22°38	1°50	5°57	4°51	7°27	13°39	W22
T 23	10 12 35	4°33'35	16°10	8° 3	27°45	12°13	18° 9	26°48	27°54	22°40	1°49	5°52	4°48	7°34	13°40	T 23
F 24	10 16 31	5°34'03	29°30	8°57	29° 0	13° 0	18°21	26°44	27°57	22°42	1°48	5°48	4°45	7°41	13°40	F 24
S 25	10 20 28	6°34'30	13 ¹⁰ 3	9°54	0 ¹⁰ 14	13°48	18°32	26°39	27°59	22°44	1°47	5°45	4°42	7°47	13°40	S 25
S 26	10 24 24	7°34'55	26°48	10°54	1°28	14°35	18°43	26°35	28° 2	22°47	1°46	5°43	4°39	7°54	13°41	S 26
M27	10 28 21	8°35'18	10 ¹⁰ 45	11°57	2°43	15°22	18°55	26°31	28° 4	22°49	1°45	5°D42	4°35	8° 1	13°41	M27
T 28	10 32 17	9 ¹⁰ 35'39	24 ¹⁰ 54	13 ¹⁰ 2	3 ¹⁰ 57	16 ¹⁰ 9	19 ¹⁰ 3	26 ¹⁰ 26	28 ¹⁰ 7	22 ¹⁰ 51	1 ¹⁰ 44	5 ¹⁰ 43	4 ¹⁰ 32	8 ¹⁰ 3	13 ¹⁰ 42	T 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	17s 6	20n14	3s11	13s59	3n29	12s46	1s32	14s15	1s 4	22s38	0n 5	2n52	2n17	9n58	0s32	4s12
T 2	16 48	20 41	1 59	14 14	3 34	12 19	1 32	13 59	1 4	22 37	0 5	2 53	2 18	9 59	0 32	4 11
F 3	16 31	19 40	0 39	14 31	3 37	11 52	1 32	13 42	1 4	22 36	0 4	2 55	2 18	9 59	0 32	4 10
S 4	16 13	17 17	0n44	14 48	3 37	11 25	1 31	13 26	1 4	22 35	0 4	2 56	2 18	10 0	0 32	4 10
S 5	15 55	13 47	2 3	15 6	3 35	10 57	1 31	13 9	1 3	22 33	0 4	2 57	2 18	10 0	0 32	4 9
M 6	15 37	9 31	3 12	15 24	3 31	10 29	1 31	12 53	1 3	22 32	0 4	2 59	2 19	10 1	0 32	4 8
T 7	15 18	4 51	4 7	15 42	3 25	10 0	1 30	12 36	1 3	22 31	0 4	3 0	2 19	10 1	0 32	4 7
W 8	14 59	0 5	4 47	15 59	3 17	9 32	1 29	12 19	1 3	22 29	0 4	3 2	2 19	10 2	0 32	4 6
T 9	14 40	4s31	5 10	16 15	3 8	9 3	1 29	12 2	1 2	22 28	0 4	3 3	2 19	10 3	0 32	4 6
F 10	14 21	8 48	5 17	16 30	2 58	8 34	1 28	11 44	1 2	22 27	0 4	3 5	2 20	10 3	0 32	4 5
S 11	14 1	12 34	5 8	16 45	2 48	8 5	1 27	11 27	1 2	22 25	0 4	3 6	2 20	10 4	0 32	4 4
S 12	13 41	15 45	4 46	16 57	2 36	7 35	1 26	11 10	1 2	22 24	0 4	3 8	2 20	10 5	0 32	4 3
M13	13 21	18 12	4 12	17 9	2 25	7 5	1 25	10 52	1 1	22 23	0 4	3 9	2 20	10 6	0 32	4 2
T 14	13 1	19 52	3 28	17 19	2 13	6 35	1 24	10 35	1 1	22 21	0 3	3 11	2 20	10 6	0 32	4 2
W15	12 41	20 40	2 34	17 28	2 0	6 5	1 23	10 17	1 1	22 20	0 3	3 13	2 21	10 7	0 32	4 1
T 16	12 20	20 32	1 34	17 36	1 48	5 35	1 22	9 59	1 0	22 19	0 3	3 14	2 21	10 8	0 32	4 0
F 17	11 59	19 29	0 30	17 42	1 36	5 5	1 21	9 41	1 0	22 17	0 3	3 16	2 21	10 9	0 32	3 59
S 18	11 38	17 32	0s37	17 46	1 24	4 34	1 20	9 23	1 0	22 16	0 3	3 18	2 21	10 9	0 32	3 58
S 19	11 17	14 46	1 42	17 50	1 12	4 3	1 18	9 5	0 59	22 14	0 3	3 19	2 21	10 10	0 32	3 57
M20	10 55	11 17	2 44	17 52	1 0	3 33	1 17	8 47	0 59	22 13	0 3	3 21	2 21	10 11	0 32	3 56
T 21	10 33	7 15	3 39	17 52	0 49	3 2	1 15	8 29	0 59	22 11	0 3	3 23	2 22	10 12	0 32	3 56
W22	10 12	2 49	4 23	17 51	0 37	2 31	1 14	8 10	0 58	22 10	0 3	3 25	2 22	10 13	0 32	3 55
T 23	9 50	1n49	4 55	17 49	0 26	2 0	1 12	7 52	0 58	22 9	0 3	3 27	2 22	10 13	0 32	3 54
F 24	9 28	6 26	5 11	17 45	0 16	1 29	1 11	7 34	0 58	22 7	0 2	3 28	2 22	10 14	0 32	3 53
S 25	9 5	10 48	5 10	17 40	0 5	0 58	1 9	7 15	0 57	22 6	0 2	3 30	2 22	10 15	0 32	3 52
S 26	8 43	14 41	4 52	17 33	0s 5	0 26	1 7	6 57	0 57	22 4	0 2	3 32	2 22	10 16	0 32	3 51
M27	8 20	17 48	4 17	17 26	0 15	0n 5	1 5	6 38	0 57	22 3	0 2	3 34	2 23	10 17	0 32	3 50
T 28	7s58	19n54	3s25	17s16	0s24	0n36	1s 3	6s19	0s56	22s 1	0n 2	3n36	2n23	10n18	0s32	3s50

Julian Day Number = 2519511.5, Delta T = 150.01 sec
Ecliptic obliquity = 23°24'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°20'27, Lahiri = 26°27'27

ASTRODIENST EPHEMERIS for the year 2186

geocentric

MARCH 2186

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 36 14	10 ^h 35'58"	9 ^h 52'12"	14 ^h 58' 9"	5 ^h 11'11"	16 ^h 57'17"	19 ^h 37'17"	26 ^h 22'17"	28 ^h 17' 9"	22 ^h 53'53"	1 ^h 43'43"	5 ^h 45'45"	4 ^h 29'29"	8 ^h 31'14"	13 ^h 43'43"	W 1
T 2	10 40 10	11 ^h 36'16"	23 ^h 37' 7"	15 ^h 19' 6"	6 ^h 25'17"	17 ^h 44'19"	20 ^h 28'28"	26 ^h 17'17"	28 ^h 12'12"	22 ^h 55'15"	1 ^h 42'42"	5 ^h 46'46"	4 ^h 26'26"	8 ^h 21'21"	13 ^h 44'44"	T 2
F 3	10 44 7	12 ^h 36'31"	8 ^h 02' 7"	16 ^h 30'16"	7 ^h 39'39"	18 ^h 31'19"	19 ^h 39'39"	26 ^h 13'13"	28 ^h 14'14"	22 ^h 58'14"	1 ^h 41'41"	5 ^h 46'46"	4 ^h 23'23"	8 ^h 27'27"	13 ^h 44'44"	F 3
S 4	10 48 4	13 ^h 36'44"	22 ^h 36' 7"	17 ^h 43'17"	8 ^h 53'53"	19 ^h 18'18"	19 ^h 49'49"	26 ^h 8' 8"	28 ^h 17'17"	23 ^h 0' 0"	1 ^h 40'40"	5 ^h 45'45"	4 ^h 19'19"	8 ^h 34'34"	13 ^h 45'45"	S 4
S 5	10 52 0	14 ^h 36'55"	7 ^h 17' 0"	18 ^h 58'10"	10 ^h 7'20"	20 ^h 6'20"	20 ^h 0'20"	26 ^h 4'26"	28 ^h 20'20"	23 ^h 2'23"	1 ^h 39'39"	5 ^h 42'42"	4 ^h 16'16"	8 ^h 41'41"	13 ^h 46'46"	S 5
M 6	10 55 57	15 ^h 37'05"	21 ^h 12'15"	20 ^h 15'11"	11 ^h 21'21"	20 ^h 53'20"	20 ^h 11'20"	25 ^h 59'25"	28 ^h 22'22"	23 ^h 4'23"	1 ^h 38'38"	5 ^h 37'37"	4 ^h 13'13"	8 ^h 47'47"	13 ^h 47'47"	M 6
T 7	10 59 53	16 ^h 37'12"	5 ^h 21' 7"	21 ^h 34'12"	12 ^h 35'12"	21 ^h 40'21"	20 ^h 21'20"	25 ^h 54'25"	28 ^h 25'25"	23 ^h 7'23"	1 ^h 37'37"	5 ^h 31'31"	4 ^h 10'10"	8 ^h 54'54"	13 ^h 49'49"	T 7
W 8	11 3 50	17 ^h 37'18"	18 ^h 41'22"	22 ^h 53'13"	13 ^h 49'22"	22 ^h 27'20"	20 ^h 32'20"	25 ^h 50'25"	28 ^h 28'28"	23 ^h 9'23"	1 ^h 36'36"	5 ^h 24'24"	4 ^h 7' 7"	9 ^h 1' 1"	13 ^h 50'50"	W 8
T 9	11 7 46	18 ^h 37'22"	1 ^h 18'53"	24 ^h 15'15"	15 ^h 3'23"	23 ^h 14'20"	20 ^h 42'20"	25 ^h 45'25"	28 ^h 31'28"	23 ^h 11'23"	1 ^h 36'36"	5 ^h 16'16"	4 ^h 4' 4"	9 ^h 7' 7"	13 ^h 51'51"	T 9
F 10	11 11 43	19 ^h 37'25"	14 ^h 43'25"	25 ^h 38'16"	16 ^h 17'24"	24 ^h 1'20"	20 ^h 52'20"	25 ^h 40'25"	28 ^h 34'28"	23 ^h 14'23"	1 ^h 35'35"	5 ^h 10'10"	4 ^h 0' 0"	9 ^h 14'14"	13 ^h 53'53"	F 10
S 11	11 15 39	20 ^h 37'26"	27 ^h 11'27"	27 ^h 2'17"	17 ^h 30'24"	24 ^h 48'21"	21 ^h 2'21"	25 ^h 35'25"	28 ^h 36'28"	23 ^h 16'23"	1 ^h 34'34"	5 ^h 5' 5"	3 ^h 57'35"	9 ^h 21'21"	13 ^h 54'54"	S 11
S 12	11 19 36	21 ^h 37'25"	9 ^h 23'28"	28 ^h 27'18"	18 ^h 44'25"	25 ^h 35'21"	21 ^h 12'21"	25 ^h 31'25"	28 ^h 39'28"	23 ^h 18'23"	1 ^h 33'33"	5 ^h 2' 2"	3 ^h 54'32"	9 ^h 27'27"	13 ^h 55'55"	S 12
M13	11 23 33	22 ^h 37'23"	21 ^h 22'29"	29 ^h 54'19"	19 ^h 58'26"	26 ^h 22'21"	21 ^h 22'21"	25 ^h 26'25"	28 ^h 42'28"	23 ^h 20'23"	1 ^h 32'32"	5 ^h D 1	3 ^h 51'31"	9 ^h 34'34"	13 ^h 57'57"	M13
T 14	11 27 29	23 ^h 37'19"	3 ^h 31'12"	1 ^h 23'11"	21 ^h 11'27"	27 ^h 9'27"	21 ^h 32'21"	25 ^h 21'25"	28 ^h 45'28"	23 ^h 23'23"	1 ^h 32'32"	5 ^h 2' 2"	3 ^h 48'48"	9 ^h 41'41"	13 ^h 59'59"	T 14
W15	11 31 26	24 ^h 37'14"	15 ^h 1'22"	22 ^h 25'22"	27 ^h 56'27"	21 ^h 41'21"	21 ^h 41'21"	25 ^h 16'25"	28 ^h 48'28"	23 ^h 25'23"	1 ^h 31'31"	5 ^h 3' 3"	3 ^h 44'44"	9 ^h 47'47"	14 ^h 0' 0"	W15
T 16	11 35 22	25 ^h 37'07"	26 ^h 51'42"	23 ^h 38'28"	4 ^h 23'23"	28 ^h 43'21"	21 ^h 51'21"	25 ^h 12'25"	28 ^h 51'28"	23 ^h 27'23"	1 ^h 30'30"	5 ^h 4' 4"	3 ^h 41'41"	9 ^h 54'54"	14 ^h 2' 2"	T 16
F 17	11 39 19	26 ^h 36'58"	8 ^h 50'55"	24 ^h 52'29"	5 ^h 55'24"	29 ^h 30'22"	22 ^h 0'25"	25 ^h 7'28"	28 ^h 54'28"	23 ^h 30'23"	1 ^h 30'30"	5 ^h R 5	3 ^h 38'38"	10 ^h 0'14"	14 ^h 4' 4"	F 17
S 18	11 43 15	27 ^h 36'47"	21 ^h 0'72"	27 ^h 28'26"	5 ^h 55'24"	29 ^h 30'22"	22 ^h 10'25"	25 ^h 2'28"	28 ^h 57'28"	23 ^h 32'23"	1 ^h 29'29"	5 ^h 3' 3"	3 ^h 35'35"	10 ^h 7'14"	14 ^h 6' 6"	S 18
S 19	11 47 12	28 ^h 36'35"	3 ^h 25'9"	27 ^h 18'3	1 ^h 4'22"	22 ^h 19'24"	22 ^h 19'24"	24 ^h 57'29"	29 ^h 0'23"	23 ^h 34'23"	1 ^h 28'28"	4 ^h 59'32"	3 ^h 32'32"	10 ^h 14'14"	14 ^h 8' 8"	S 19
M20	11 51 8	29 ^h 36'20"	16 ^h 7'10"	28 ^h 32'28"	1 ^h 51'22"	22 ^h 28'24"	22 ^h 28'24"	24 ^h 53'29"	29 ^h 3'23"	23 ^h 36'23"	1 ^h 28'28"	4 ^h 53'32"	3 ^h 29'29"	10 ^h 20'20"	14 ^h 10'10"	M20
T 21	11 55 5	0 ^h 36'04"	29 ^h 8'12"	29 ^h 45'29"	2 ^h 37'29"	22 ^h 37'22"	22 ^h 37'22"	24 ^h 48'24"	29 ^h 6'23"	23 ^h 39'23"	1 ^h 27'27"	4 ^h 45'32"	3 ^h 25'25"	10 ^h 27'27"	14 ^h 12'12"	T 21
W22	11 59 2	1 ^h 35'46"	12 ^h 25'13"	30 ^h 58'08"	3 ^h 24'22"	22 ^h 46'24"	22 ^h 46'24"	24 ^h 43'29"	29 ^h 10'23"	23 ^h 41'23"	1 ^h 26'26"	4 ^h 35'32"	3 ^h 22'22"	10 ^h 34'34"	14 ^h 15'15"	W22
T 23	12 2 58	2 ^h 35'26"	25 ^h 58'15"	33 ^h 33'29"	2 ^h 11'41"	22 ^h 54'22"	22 ^h 54'22"	24 ^h 38'29"	29 ^h 13'23"	23 ^h 43'23"	1 ^h 26'26"	4 ^h 25'32"	3 ^h 19'19"	10 ^h 40'40"	14 ^h 17'17"	T 23
F 24	12 6 55	3 ^h 35'03"	9 ^h 8'43"	17 ^h 14'32"	3 ^h 24'45"	23 ^h 3'23"	23 ^h 3'23"	24 ^h 34'29"	29 ^h 16'23"	23 ^h 45'23"	1 ^h 25'25"	4 ^h 16'16"	3 ^h 16'16"	10 ^h 47'47"	14 ^h 19'19"	F 24
S 25	12 10 51	4 ^h 34'39"	23 ^h 37'18"	18 ^h 56'43"	5 ^h 44'54"	23 ^h 11'23"	23 ^h 11'23"	24 ^h 29'29"	29 ^h 19'23"	23 ^h 48'23"	1 ^h 25'25"	4 ^h 8' 8"	3 ^h 13'13"	10 ^h 54'54"	14 ^h 22'22"	S 25
S 26	12 14 48	5 ^h 34'12"	7 ^h 11'37"	20 ^h 39'55"	6 ^h 31'23"	23 ^h 20'24"	23 ^h 20'24"	24 ^h 24'29"	29 ^h 22'23"	23 ^h 50'23"	1 ^h 24'24"	4 ^h 2' 2"	3 ^h 10'10"	11 ^h 0'14"	14 ^h 24'24"	S 26
M27	12 18 44	6 ^h 33'43"	21 ^h 42'22"	22 ^h 24'7"	7 ^h 3'7"	23 ^h 28'24"	23 ^h 28'24"	24 ^h 20'29"	29 ^h 25'23"	23 ^h 52'23"	1 ^h 24'24"	3 ^h 59'32"	3 ^h 6' 6"	11 ^h 7'14"	14 ^h 27'27"	M27
T 28	12 22 41	7 ^h 33'12"	5 ^h 48'24"	24 ^h 9'8"	8 ^h 16'8"	23 ^h 36'24"	23 ^h 36'24"	24 ^h 15'29"	29 ^h 29'23"	23 ^h 54'23"	1 ^h 23'23"	3 ^h D 58	3 ^h 3' 3"	11 ^h 14'14"	14 ^h 29'29"	T 28
W29	12 26 37	8 ^h 32'38"	19 ^h 55'25"	25 ^h 57'9"	9 ^h 29'8"	23 ^h 44'23"	23 ^h 44'23"	24 ^h 11'29"	29 ^h 32'23"	23 ^h 57'23"	1 ^h 23'23"	3 ^h 58'32"	3 ^h 0' 0"	11 ^h 20'20"	14 ^h 32'32"	W29
T 30	12 30 34	9 ^h 32'02"	4 ^h 02'27"	27 ^h 45'10"	10 ^h 42'9"	23 ^h 51'24"	23 ^h 51'24"	24 ^h 6'29"	29 ^h 35'23"	23 ^h 59'23"	1 ^h 23'23"	3 ^h R 59	2 ^h 57'57"	11 ^h 27'27"	14 ^h 35'35"	T 30
F 31	12 34 30	10 ^h 31'24"	18 ^h 02'18"	29 ^h 35'11"	11 ^h 54'10"	23 ^h 59'23"	23 ^h 59'23"	24 ^h 17'29"	29 ^h 39'23"	24 ^h 11'23"	1 ^h 22'22"	3 ^h 02'58"	2 ^h 02'58"	11 ^h 34'34"	14 ^h 37'37"	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	7s35	20n46	2s20	17s 6	0s33	1n 7	1s 1	6s 1	0s56	22s 0	0n 2	3n38	2n23	10n19	0s32	3s49	1s 5	22n44	3n 4	18n49	19n 7	20s53	17n22	5s 6					
T 2	7 12	20 16	1 6	16 54	0 42	1 38	0 59	5 42	0 56	21 58	0 2	3 40	2 23	10 20	0 32	3 48	1 5	22 45	3 4	18 49	19 8	20 53	17 22	5 6					
F 3	6 49	18 25	0n13	16 40	0 50	2 9	0 57	5 23	0 55	21 57	0 2	3 42	2 23	10 21	0 32	3 47	1 5	22 45	3 4	18 49	19 9	20 54	17 22	5 5					
S 4	6 26	15 23	1 30	16 26	0 58	2 40	0 55	5 4	0 55	21 55	0 2	3 44	2 23	10 22	0 32	3 46	1 5	22 45	3 4	18 49	19 9	20 54	17 23	5 5					
S 5	6 3	11 26	2 42	16 10	1 6	3 12	0 53	4 45	0 54	21 54	0 2	3 45	2 23	10 23	0 31	3 45	1 5	22 45	3 4	18 50	19 10	20 54	17 23	5 5					
M 6	5 40	6 53	3 42	15 53	1 13	3 43	0 51	4 26	0 54	21 52	0 2	3 47	2 23	10 24	0 31	3 44	1 5	22 46	3 4	18 51	19 11	20 55	17 24	5 4					
T 7	5 17	2 4	4 27	15 34	1 20	4 13	0 48	4 7	0 54	21 51	0 1	3 49	2 24	10 25	0 31	3 43	1 5	22 46	3 4	18 52	19 12	20 55	17 24	5 4					
W 8	4 53	2s44	4 56	15 14	1 27	4 44	0 46	3 48	0 53	21 50	0 1	3 51	2 24	10 26	0 31	3 42	1 5	22 46	3 4	18 54	19 12	20 56	17 24	5 4					
T 9	4 30	7 17	5 9	14 53	1 33	5 15	0 44	3 29	0 53	21 48	0 1	3 53	2 24	10 27	0 31	3 42	1 5	22 46	3 4	18 56	19 13	20 56	17 25	5 3					
F 10	4 6	11 22	5 5	14 31	1 39	5 46	0 41	3 10	0 52	21 47	0 1	3 55	2 24	10 28	0 31	3 41	1 5	22 46	3 4	18 57	19 14	20 56	17 25	5 3					
S 11	3 43	14 51	4 47	14 7	1 44	6 16	0 39	2 51	0 52	21 45	0 1	3 57	2 24	10 29	0 31	3 40	1 5	22 47	3 4	18 58	19 15	20 57	17 26	5 3					
S 12	3 19	17 37	4 16	13 42	1 49	6 46	0 36	2 32	0 51	21 44	0 1	3 59	2 24	10 30	0 31	3 39	1 5	22 47	3 4	18 59	19 15	20 57	17 26	5 3					
M13	2 55	19 34	3 34	13 16	1 54	7 17	0 34	2 13	0 51	21 42	0 1	4 1	2 24	10 31	0 31	3 38	1 5	22 47	3 4	18 59	19 16	20 57	17 27	5 2					
T 14	2 32	20 39	2 44	12 49	1 58	7 47	0 31	1 54	0 51	21 41	0 1	4 3	2 24	10 32	0 31	3 37	1 5	22 47	3 4	18 59	19 17	20 58	17 27	5 2					
W15	2 8	20 49	1 46	12 20	2 2	8 17	0 28	1 35	0 50	21 40	0 1	4 5	2 24	10 33	0 31	3 36	1 5	22 47	3 4	18 59	19 18	20 58	17 28	5 2					
T 16	1 44	20 2	0 44	11 50	2 5	8 46	0 26	1 16	0 50	21 38	0 1	4 7	2 24	10 34	0 31	3 35	1 5	22 47	3 4	18 59	19 18	20 58	17 28	5 2					
F 17	1 21	18 21	0s20	11 19	2 8	9 16	0 23	0 57	0 49	21 37	0 0	4 9	2 24	10 35	0 31	3 34	1 5	22 48	3 4	18 59	19 19	20 59	17 29	5 1					
S 18	0 57	15 49	1 25	10 47	2 11	9 45	0 20	0 38	0 49	21 35	0 0	4 11	2 24	10 36	0 31	3 34	1 5	22 48	3 4	18 59	19 20	20 59	17 29	5 1					
S 19	0 33	12 31	2 26	10 13	2 13	10 14	0 17	0 19	0 48	21 34	0 0	4 13	2 24	10 37	0 31	3 33	1 5	22 48	3 4	19 0	19 21	20 59	17 30	5 1					
M20	0 9	8 34	3 22	9 39	2 15	10 43	0 14	0n 0	0 48	21 33	0 0	4 15	2 24	10 38	0 31	3 32	1 5	22 48	3 4	19 1	19 21	20 59	17 30	5 0					
T 21	0n14	4 9	4 8	9 3	2 16	11 11	0 12	0 19	0 47	21 31	0s 0	4 16	2 24	10 40	0 31	3 31	1 5	22 48	3 4	19 3	19 22	21 0	17 31	5 0					
W22	0 38	0n34	4 42	8 26	2 17	11 40	0 9	0 38	0 47	21 30	0 0	4 18	2 24	10 41	0 31	3 30	1 5	22 48	3 4	19 6	19 23	21 0	17 31	5 0					
T 23	1 2	5 20	5 1	7 48	2 17	12 8	0 6	0 57	0 46	21 29	0 0	4 20	2 24	10 42	0 31	3 29	1 5	22 48	3 4	19 8	19 24	21 0	17 32	5 0					
F 24	1 25	9 54	5 3	7 9	2 17	12 36	0 3	1 16	0 46	21 27	0 0	4 22	2 24	10 43	0 31	3 28	1 5	22 49	3 4	19 10	19 24	21 1	17 32	4 59					
S 25	1 49	14 1	4 47	6 28	2 17	13 3	0n 0	1 35	0 45	21 26	0 0	4 24	2 24	10 44	0 31	3 27	1 5	22 49	3 4	19 12	19 25	21 1	17 33	4 59					
S 26	2 13	17 23	4 14	5 47	2 16	13 30	0 3	1 54	0 45	21 25	0 1	4 26	2 24	10 45	0 31	3 26	1 5	22 49	3 4	19 14	19 26	21 1	17 33	4 59					
M27	2 36	19 44	3 26	5 4	2 14	13 57	0 6	2 13	0 44	21 23	0 1	4 28	2 24	10 46	0 31	3 26	1 5	22 49	3 4	19 14	19 27	21 1	17 34	4 59					
T 28	3 0	20 53	2 24	4 21	2 12	14 24	0 9	2 32	0 44	21 22	0 1	4 29	2 24	10 48	0 31	3 25	1 5	22 49	3 4	19 15	19 27	21 2	17 34	4 58					
W29	3 23	20 43	1 14	3 36	2 10	14 50	0 12	2 50	0 43	21 21	0 1	4 31	2 24	10 49	0 31	3 24	1 5	22 49	3 4	19 14	19 28	21 2	17 35	4 58					
T 30	3 46	19 14	0n 0	2 50	2 7	15 16	0 15	3 9	0 43	21 20	0 1	4 33	2 24	10 50	0 31	3 23	1 5	22 49	3 4	19 14	19 29	21 2	17 35	4 58					
F 31	4n10	16n34	1n15	2s 4	2s 4	15n41	0n18	3n28	0s42	21s18	0s 1	4n35	2n24	10n51	0s31	3s22	1s 5	22n49	3n 4	19n15	19n29	21s 3	17n36	4s58					

ASTRODIENST EPHEMERIS for the year 2186

geocentric

APRIL 2186

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 38 27	11°30'43	2♐ 9	1°26	13♌ 7	11°10	24♈ 7	23°R57	29°Y42	24♈ 3	1°R22	3°R55	2♏50	11♌40	14♏40	S 1
S 2	12 42 24	12°30'00	16° 5	3°18	14°19	11°56	24°14	23♐53	29°45	24° 5	1♏22	3♏49	2°47	11°47	14°43	S 2
M 3	12 46 20	13°29'15	29°53	5°12	15°32	12°42	24°21	23°49	29°48	24° 8	1°21	3°41	2°44	11°54	14°46	M 3
T 4	12 50 17	14°28'28	13♌28	7° 7	16°44	13°29	24°28	23°44	29°52	24°10	1°21	3°30	2°41	12° 0	14°49	T 4
W 5	12 54 13	15°27'38	26°48	9° 4	17°57	14°15	24°35	23°40	29°55	24°12	1°21	3°18	2°38	12° 7	14°52	W 5
T 6	12 58 10	16°26'47	9♏51	11° 2	19° 9	15° 1	24°42	23°36	29°58	24°14	1°21	3° 6	2°35	12°14	14°55	T 6
F 7	13 2 6	17°25'54	22°35	13° 1	20°21	15°47	24°48	23°32	0♌ 2	24°16	1°20	2°55	2°31	12°20	14°59	F 7
S 8	13 6 3	18°24'59	5♌ 1	15° 1	21°33	16°33	24°55	23°28	0° 5	24°18	1°20	2°46	2°28	12°27	15° 2	S 8
S 9	13 9 59	19°24'02	17°12	17° 2	22°45	17°19	25° 1	23°24	0° 9	24°20	1°20	2°39	2°25	12°34	15° 5	S 9
M10	13 13 56	20°23'04	29°11	19° 5	23°57	18° 6	25° 7	23°20	0°12	24°23	1°20	2°35	2°22	12°40	15° 9	M10
T 11	13 17 53	21°22'04	11♌ 2	21° 9	25° 9	18°52	25°13	23°16	0°15	24°25	1°20	2°33	2°19	12°47	15°12	T 11
W12	13 21 49	22°21'01	22°50	23°13	26°21	19°37	25°19	23°12	0°19	24°27	1°20	2°D33	2°16	12°53	15°15	W12
T 13	13 25 46	23°19'58	4♏41	25°18	27°33	20°23	25°25	23° 8	0°22	24°29	1°20	2°R33	2°12	13° 0	15°19	T 13
F 14	13 29 42	24°18'52	16°41	27°24	28°44	21° 9	25°30	23° 4	0°26	24°31	1°D20	2°33	2° 9	13° 7	15°23	F 14
S 15	13 33 39	25°17'45	28°54	29°30	29°56	21°55	25°36	23° 1	0°29	24°33	1°20	2°30	2° 6	13°13	15°26	S 15
S 16	13 37 35	26°16'36	11♌25	1♌36	1♏ 7	22°41	25°41	22°57	0°33	24°35	1°20	2°25	2° 3	13°20	15°30	S 16
M17	13 41 32	27°15'25	24°17	3°42	2°19	23°27	25°46	22°53	0°36	24°37	1°20	2°18	2° 0	13°27	15°34	M17
T 18	13 45 28	28°14'12	7°Y32	5°47	3°30	24°12	25°51	22°50	0°39	24°39	1°20	2° 8	1°56	13°33	15°37	T 18
W19	13 49 25	29°12'57	21° 9	7°52	4°41	24°58	25°56	22°47	0°43	24°41	1°20	1°56	1°53	13°40	15°41	W19
T 20	13 53 22	0♌11'41	5♌ 6	9°56	5°53	25°44	26° 0	22°43	0°46	24°43	1°20	1°44	1°50	13°47	15°45	T 20
F 21	13 57 18	1°10'22	19°18	11°58	7° 4	26°29	26° 4	22°40	0°50	24°45	1°21	1°32	1°47	13°53	15°49	F 21
S 22	14 1 15	2° 9'02	3♏39	13°58	8°15	27°15	26° 9	22°37	0°53	24°47	1°21	1°22	1°44	14° 0	15°53	S 22
S 23	14 5 11	3° 7'39	18° 3	15°57	9°26	28° 0	26°13	22°34	0°57	24°48	1°21	1°15	1°41	14° 7	15°57	S 23
M24	14 9 8	4° 6'15	2♏26	17°53	10°37	28°46	26°17	22°31	1° 0	24°50	1°21	1°11	1°37	14°13	16° 1	M24
T 25	14 13 4	5° 4'48	16°43	19°46	11°47	29°31	26°20	22°28	1° 4	24°52	1°22	1° 9	1°34	14°20	16° 5	T 25
W26	14 17 1	6° 3'19	0♏53	21°36	12°58	0♌16	26°24	22°25	1° 7	24°54	1°22	1° 8	1°31	14°27	16° 9	W26
T 27	14 20 57	7° 1'48	14°54	23°23	14° 9	1° 1	26°27	22°23	1°10	24°56	1°22	1° 8	1°28	14°33	16°13	T 27
F 28	14 24 54	8° 0'14	28°45	25° 7	15°19	1°47	26°30	22°20	1°14	24°58	1°23	1° 7	1°25	14°40	16°18	F 28
S 29	14 28 51	8°58'39	12♐28	26°47	16°30	2°32	26°33	22°17	1°17	24°59	1°23	1° 4	1°21	14°47	16°22	S 29
S 30	14 32 47	9♌57'01	26♐ 1	28♌23	17♏40	3♌17	26♌36	22♐15	1♌21	25♌ 1	1♏23	0♏58	1♏18	14♌53	16♏26	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n33	12n56	2n24	1s16	2s 0	16n 6	0n22	3n46	0s42	21s17	0s 1	4n36	2n24	10n52	0s31	3s21	1s 5	22n49	3n 4	19n15	19n30	21s 3	17n37	4s57			
S 2	4 56	8 37	3 24	0 27	1 55	16 31	0 25	4 5	0 41	21 16	0 1	4 38	2 24	10 53	0 31	3 20	1 5	22 49	3 4	19 17	19 31	21 3	17 37	4 57			
M 3	5 19	3 54	4 12	0n22	1 51	16 55	0 28	4 23	0 41	21 15	0 1	4 40	2 24	10 55	0 31	3 20	1 5	22 49	3 4	19 19	19 32	21 3	17 38	4 57			
T 4	5 42	0s57	4 44	1 13	1 45	17 19	0 31	4 42	0 40	21 14	0 2	4 42	2 24	10 56	0 31	3 19	1 5	22 49	3 4	19 21	19 32	21 4	17 38	4 57			
W 5	6 5	5 39	5 0	2 4	1 39	17 42	0 34	5 0	0 40	21 13	0 2	4 43	2 24	10 57	0 31	3 18	1 5	22 50	3 4	19 24	19 33	21 4	17 39	4 56			
T 6	6 28	10 0	5 0	2 56	1 33	18 5	0 37	5 19	0 39	21 12	0 2	4 45	2 24	10 58	0 31	3 17	1 5	22 50	3 4	19 27	19 34	21 4	17 39	4 56			
F 7	6 50	13 48	4 44	3 49	1 26	18 28	0 40	5 37	0 38	21 10	0 2	4 46	2 24	10 59	0 31	3 16	1 5	22 50	3 4	19 29	19 35	21 4	17 40	4 56			
S 8	7 13	16 55	4 16	4 42	1 18	18 50	0 43	5 55	0 38	21 9	0 2	4 48	2 24	11 1	0 31	3 15	1 5	22 50	3 4	19 31	19 35	21 4	17 40	4 56			
S 9	7 35	19 13	3 36	5 36	1 10	19 11	0 47	6 13	0 37	21 8	0 2	4 49	2 24	11 2	0 31	3 15	1 5	22 50	3 4	19 33	19 36	21 5	17 41	4 56			
M10	7 57	20 37	2 47	6 31	1 2	19 33	0 50	6 31	0 37	21 7	0 2	4 51	2 24	11 3	0 31	3 14	1 5	22 50	3 4	19 34	19 37	21 5	17 42	4 55			
T 11	8 19	21 6	1 52	7 25	0 53	19 53	0 53	6 49	0 36	21 6	0 2	4 52	2 24	11 4	0 31	3 13	1 5	22 50	3 4	19 34	19 37	21 5	17 42	4 55			
W12	8 41	20 38	0 51	8 20	0 44	20 13	0 56	7 7	0 36	21 5	0 2	4 54	2 24	11 5	0 31	3 12	1 5	22 50	3 4	19 34	19 38	21 5	17 43	4 55			
T 13	9 3	19 15	0s11	9 15	0 34	20 33	0 59	7 25	0 35	21 5	0 3	4 55	2 24	11 7	0 31	3 11	1 5	22 50	3 4	19 34	19 39	21 5	17 43	4 55			
F 14	9 25	17 0	1 14	10 10	0 24	20 52	1 2	7 43	0 34	21 4	0 3	4 57	2 24	11 8	0 31	3 11	1 5	22 50	3 4	19 34	19 40	21 6	17 44	4 55			
S 15	9 47	13 57	2 15	11 4	0 14	21 10	1 5	8 0	0 34	21 3	0 3	4 58	2 23	11 9	0 31	3 10	1 5	22 50	3 4	19 35	19 40	21 6	17 44	4 54			
S 16	10 8	10 12	3 10	11 58	0 3	21 28	1 8	8 18	0 33	21 2	0 3	4 59	2 23	11 10	0 31	3 9	1 5	22 50	3 4	19 36	19 41	21 6	17 45	4 54			
M17	10 29	5 54	3 58	12 51	0n 8	21 46	1 11	8 35	0 33	21 1	0 3	5 1	2 23	11 11	0 31	3 8	1 5	22 50	3 4	19 38	19 42	21 6	17 46	4 54			
T 18	10 50	1 12	4 34	13 44	0 19	22 3	1 14	8 53	0 32	21 0	0 3	5 2	2 23	11 13	0 31	3 8	1 5	22 50	3 4	19 40	19 42	21 6	17 46	4 54			
W19	11 11	3n41	4 55	14 35	0 30	22 19	1 17	9 10	0 32	21 0	0 3	5 3	2 23	11 14	0 31	3 7	1 5	22 50	3 4	19 42	19 43	21 7	17 47	4 54			
T 20	11 32	8 30	5 0	15 25	0 41	22 34	1 20	9 27	0 31	20 59	0 3	5 4	2 23	11 15	0 31	3 6	1 6	22 49	3 4	19 45	19 44	21 7	17 47	4 53			
F 21	11 52	12 56	4 46	16 13	0 51	22 50	1 23	9 44	0 30	20 58	0 4	5 6	2 23	11 16	0 31	3 5	1 6	22 49	3 4	19 48	19 45	21 7	17 48	4 53			
S 22	12 12	16 41	4 15	17 0	1 2	23 4	1 26	10 1	0 30	20 58	0 4	5 7	2 23	11 17	0 31	3 5	1 6	22 49	3 4	19 50	19 45	21 7	17 48	4 53			
S 23	12 33	19 27	3 27	17 45	1 13	23 18	1 28	10 18	0 29	20 57	0 4	5 8	2 23	11 19	0 31	3 4	1 6	22 49	3 4	19 52	19 46	21 7	17 49	4 53			
M24	12 52	20 58	2 26	18 28	1 23	23 31	1 31	10 35	0 29	20 56	0 4	5 9	2 22	11 20	0 31	3 3	1 6	22 49	3 4	19 53	19 47	21 7	17 50	4 53			
T 25	13 12	21 7	1 16	19 9	1 33	23 44	1 34	10 51	0 28	20 56	0 4	5 10	2 22	11 21	0 31	3 2	1 6	22 49	3 4	19 53	19 47	21 7	17 50	4 53			
W26	13 32	19 55	0 1	19 47	1 42	23 56	1 37	11 8	0 27	20 55	0 4	5 11	2 22	11 22	0 31	3 2	1 6	22 49	3 4	19 53	19 48	21 8	17 51	4 53			
T 27	13 51	17 30	1n12	20 23	1 51	24 7	1 39	11 24	0 27	20 55	0 4	5 12	2 22	11 23	0 31	3 1	1 6	22 49	3 4	19 53	19 49	21 8	17 51	4 52			
F 28	14 10	14 5	2 21	20 57	1 59	24 18	1 42	11 40	0 26	20 54	0 5	5 13	2 22	11 25	0 31	3 0	1 6	22 49	3 4	19 53	19 49	21 8	17 52	4 52			
S 29	14 28	9 57	3 20	21 28	2 6	24 28	1 45	11 56	0 26	20 54	0 5	5 14	2 22	11 26	0 31	3 0	1 6	22 49	3 4	19 54	19 50	21 8	17 52	4 52			
S 30	14n47	5n22	4n 7	21n57	2n13	24n37	1n47	12n12	0s25	20s53	0s 5	5n14	2n22	11n27	0s31	2s59	1s 6	22n49	3n 4	19n55	19n51	21s 8	17n53	4s52			

ASTRODIENST EPHEMERIS for the year 2186

geocentric

MAY 2186

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
M 1	14 36 44	10♈55'21	9♎24	29♊55	18♋50	4♌ 2	26♍38	22♎R13	1♏24	25♐ 3	1♑24	0♒R49	1♓15	15♈ 0	16♉30	M 1
T 2	14 40 40	11°53'39	22°35	1♋23	20° 0	4°47	26°41	22♏10	1°27	25° 5	1°24	0♓38	1°12	15° 7	16°35	T 2
W 3	14 44 37	12°51'56	5♌34	2°47	21°10	5°32	26°43	22° 8	1°31	25° 6	1°25	0°26	1° 9	15°13	16°39	W 3
T 4	14 48 33	13°50'10	18°19	4° 6	22°20	6°17	26°45	22° 6	1°34	25° 8	1°25	0°13	1° 6	15°20	16°43	T 4
F 5	14 52 30	14°48'23	0♉51	5°21	23°30	7° 2	26°47	22° 4	1°38	25°10	1°26	0° 1	1° 2	15°26	16°48	F 5
S 6	14 56 26	15°46'35	13° 9	6°32	24°39	7°47	26°49	22° 2	1°41	25°11	1°26	29♈52	0°59	15°33	16°52	S 6
S 7	15 0 23	16°44'44	25°14	7°38	25°49	8°31	26°50	22° 1	1°44	25°13	1°27	29°44	0°56	15°40	16°57	S 7
M 8	15 4 20	17°42'53	7♊10	8°39	26°58	9°16	26°51	21°59	1°48	25°14	1°27	29°39	0°53	15°46	17° 1	M 8
T 9	15 8 16	18°40'59	19° 0	9°35	28° 7	10° 1	26°52	21°57	1°51	25°16	1°28	29°37	0°50	15°53	17° 6	T 9
W10	15 12 13	19°39'05	0♋47	10°27	29°17	10°45	26°53	21°56	1°54	25°17	1°29	29°D37	0°47	16° 0	17°11	W10
T11	15 16 9	20°37'09	12°38	11°14	0♌26	11°30	26°54	21°54	1°58	25°19	1°29	29°37	0°43	16° 6	17°15	T11
F12	15 20 6	21°35'11	24°37	11°56	1°34	12°14	26°55	21°53	2° 1	25°20	1°30	29°R37	0°40	16°13	17°20	F12
S13	15 24 2	22°33'12	6♋50	12°33	2°43	12°59	26°55	21°52	2° 4	25°22	1°31	29°36	0°37	16°20	17°25	S13
S14	15 27 59	23°31'12	19°22	13° 5	3°52	13°43	26°R55	21°51	2° 8	25°23	1°32	29°33	0°34	16°26	17°29	S14
M15	15 31 55	24°29'10	2♋17	13°32	5° 0	14°28	26°55	21°50	2°11	25°25	1°32	29°28	0°31	16°33	17°34	M15
T16	15 35 52	25°27'07	15°38	13°54	6° 9	15°12	26°55	21°49	2°14	25°26	1°33	29°21	0°27	16°40	17°39	T16
W17	15 39 48	26°25'03	29°25	14°10	7°17	15°56	26°54	21°48	2°17	25°27	1°34	29°12	0°24	16°46	17°44	W17
T18	15 43 45	27°22'58	13♊37	14°22	8°25	16°41	26°54	21°48	2°20	25°29	1°35	29° 2	0°21	16°53	17°48	T18
F19	15 47 42	28°20'51	28° 8	14°29	9°33	17°25	26°53	21°47	2°24	25°30	1°36	28°52	0°18	17° 0	17°53	F19
S20	15 51 38	29°18'43	12♋52	14°R31	10°41	18° 9	26°52	21°47	2°27	25°31	1°36	28°44	0°15	17° 6	17°58	S20
S21	15 55 35	0♋16'33	27°41	14°28	11°49	18°53	26°51	21°46	2°30	25°32	1°37	28°39	0°12	17°13	18° 3	S21
M22	15 59 31	1°14'22	12♌27	14°21	12°56	19°37	26°50	21°46	2°33	25°34	1°38	28°35	0° 8	17°19	18° 8	M22
T23	16 3 28	2°12'09	27° 3	14° 9	14° 4	20°21	26°48	21°46	2°36	25°35	1°39	28°D34	0° 5	17°26	18°13	T23
W24	16 7 24	3° 9'54	11♌26	13°53	15°11	21° 5	26°46	21°D46	2°39	25°36	1°40	28°35	0° 2	17°33	18°18	W24
T25	16 11 21	4° 7'38	25°34	13°33	16°18	21°49	26°44	21°46	2°42	25°37	1°41	28°36	29♈59	17°39	18°23	T25
F26	16 15 18	5° 5'20	9♏24	13°10	17°25	22°32	26°42	21°46	2°45	25°38	1°42	28°R36	29°56	17°46	18°28	F26
S27	16 19 14	6° 3'00	22°58	12°43	18°32	23°16	26°40	21°46	2°48	25°39	1°43	28°34	29°53	17°53	18°33	S27
S28	16 23 11	7° 0'39	6♌17	12°14	19°38	24° 0	26°37	21°47	2°51	25°40	1°44	28°31	29°49	17°59	18°38	S28
M29	16 27 7	7°58'17	19°21	11°43	20°45	24°43	26°35	21°47	2°54	25°41	1°45	28°26	29°46	18° 6	18°43	M29
T30	16 31 4	8°55'53	2♌13	11°11	21°51	25°27	26°32	21°48	2°57	25°42	1°46	28°18	29°43	18°13	18°48	T30
W31	16 35 0	9♋53'27	14♌52	10♋37	22♌57	26♌10	26♎29	21♏48	3♐ 0	25♑43	1♒47	28♓10	29♓40	18♓19	18♋53	W31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	15n 5	0n35	4n40	22n23	2n19	24n46	1n49	12n28	0s24	20s53	0 s 5	5n15	2n21	11n28
T 2	15 23	4s10	4 58	22 46	2 24	24 54	1 52	12 44	0 24	20 53	0 5	5 16	2 21	11 29
W 3	15 41	8 39	5 0	23 7	2 29	25 1	1 54	12 59	0 23	20 53	0 5	5 17	2 21	11 30
T 4	15 59	12 41	4 46	23 26	2 32	25 8	1 57	13 15	0 22	20 52	0 5	5 18	2 21	11 32
F 5	16 16	16 5	4 19	23 42	2 34	25 14	1 59	13 30	0 22	20 52	0 5	5 17	2 21	11 33
S 6	16 33	18 43	3 40	23 56	2 36	25 19	2 1	13 45	0 21	20 52	0 6	5 18	2 21	11 34
S 7	16 49	20 28	2 52	24 8	2 36	25 24	2 3	14 0	0 21	20 52	0 6	5 19	2 20	11 35
M 8	17 6	21 17	1 56	24 17	2 36	25 28	2 5	14 15	0 20	20 52	0 6	5 20	2 20	11 36
T 9	17 22	21 8	0 56	24 25	2 35	25 31	2 7	14 30	0 19	20 52	0 6	5 20	2 20	11 37
W10	17 38	20 4	0s 6	24 30	2 32	25 34	2 9	14 44	0 19	20 51	0 6	5 20	2 20	11 39
T11	17 53	18 6	1 9	24 33	2 28	25 36	2 11	14 59	0 18	20 51	0 6	5 21	2 20	11 40
F12	18 8	15 20	2 9	24 34	2 24	25 37	2 12	15 13	0 17	20 52	0 6	5 21	2 20	11 41
S13	18 23	11 51	3 5	24 33	2 18	25 37	2 14	15 27	0 17	20 52	0 7	5 21	2 19	11 42
S14	18 38	7 47	3 53	24 31	2 11	25 37	2 16	15 41	0 16	20 52	0 7	5 22	2 19	11 43
M15	18 52	3 14	4 31	24 26	2 3	25 36	2 17	15 55	0 15	20 52	0 7	5 22	2 19	11 44
T16	19 6	1n36	4 56	24 20	1 54	25 35	2 19	16 9	0 15	20 52	0 7	5 22	2 19	11 45
W17	19 20	6 31	5 4	24 12	1 44	25 33	2 20	16 22	0 14	20 52	0 7	5 22	2 19	11 46
T18	19 33	11 13	4 54	24 3	1 33	25 30	2 21	16 35	0 13	20 53	0 7	5 22	2 18	11 48
F19	19 46	15 24	4 26	23 51	1 21	25 26	2 22	16 48	0 13	20 53	0 8	5 22	2 18	11 49
S20	19 59	18 41	3 39	23 39	1 8	25 22	2 23	17 1	0 12	20 53	0 8	5 22	2 18	11 50
S21	20 11	20 46	2 38	23 25	0 54	25 17	2 24	17 14	0 12	20 54	0 8	5 22	2 18	11 51
M22	20 23	21 25	1 25	23 9	0 40	25 12	2 25	17 27	0 11	20 54	0 8	5 22	2 18	11 52
T23	20 35	20 35	0 8	22 52	0 24	25 5	2 26	17 39	0 10	20 54	0 8	5 22	2 18	11 53
W24	20 46	18 26	1n 9	22 34	0 8	24 59	2 27	17 51	0 10	20 55	0 8	5 22	2 17	11 54
T25	20 57	15 11	2 20	22 15	0s 9	24 51	2 27	18 3	0 9	20 55	0 8	5 22	2 17	11 55
F26	21 7	11 9	3 21	21 55	0 26	24 43	2 28	18 15	0 8	20 56	0 9	5 22	2 17	11 56
S27	21 18	6 37	4 10	21 35	0 44	24 35	2 28	18 27	0 8	20 57	0 9	5 21	2 17	11 57
S28	21 27	1 52	4 45	21 14	1 1	24 25	2 28	18 38	0 7	20 57	0 9	5 21	2 17	11 58
M29	21 37	2s53	5 3	20 52	1 19	24 15	2 28	18 50	0 6	20 58	0 9	5 21	2 16	11 59
T30	21 46	7 26	5 6	20 30	1 36	24 5	2 28	19 1	0 6	20 59	0 9	5 20	2 16	12 0
W31	21n55	11s35	4n54	20n 9	1s53	23n54	2n28	19n12	0s 5	20s59	0s 9	5n20	2n16	12n 1

Julian Day Number = 2519600.5, Delta T = 150.22 sec
 Ecliptic obliquity = 23°24'50, Nutation = - 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°20'39, Lahiri = 26°27'39

ASTRODIENST EPHEMERIS for the year 2186

geocentric

JUNE 2186

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 38 57	10 ^{II} 51'01	27 ^{III} 19	10°R 3	24 [☾] 3	26 [☾] 54	26°R26	21 ^{III} 49	3 [☾] 3	25 [☾] 44	1 [☾] 49	28°R 1	29 [☾] 37	18 [☾] 26	18 ^{III} 58	T 1
F 2	16 42 53	11°48'33	9 [☾] 35	9 ^{II} 30	25° 8	27°37	26 [☾] 22	21°50	3° 6	25°45	1°50	27 [☾] 53	29°33	18°33	19° 3	F 2
S 3	16 46 50	12°46'05	21°42	8°57	26°14	28°20	26°19	21°51	3° 9	25°46	1°51	27°47	29°30	18°39	19° 8	S 3
S 4	16 50 47	13°43'35	3 [☾] 40	8°25	27°19	29° 4	26°15	21°52	3°12	25°46	1°52	27°42	29°27	18°46	19°13	S 4
M 5	16 54 43	14°41'04	15°31	7°56	28°24	29°47	26°11	21°53	3°14	25°47	1°53	27°39	29°24	18°53	19°18	M 5
T 6	16 58 40	15°38'32	27°19	7°29	29°29	0 ^{III} 30	26° 7	21°55	3°17	25°48	1°54	27°D38	29°21	18°59	19°23	T 6
W 7	17 2 36	16°36'00	9 [☾] 6	7° 4	0 ^{III} 33	1°13	26° 3	21°56	3°20	25°49	1°56	27°39	29°18	19° 6	19°28	W 7
T 8	17 6 33	17°33'27	20°57	6°43	1°38	1°56	25°59	21°57	3°23	25°49	1°57	27°40	29°14	19°13	19°33	T 8
F 9	17 10 29	18°30'53	2 [☾] 57	6°25	2°42	2°39	25°54	21°59	3°25	25°50	1°58	27°42	29°11	19°19	19°38	F 9
S 10	17 14 26	19°28'18	15° 9	6°11	3°45	3°22	25°49	22° 1	3°28	25°51	1°59	27°R43	29° 8	19°26	19°43	S 10
S 11	17 18 22	20°25'43	27°40	6° 2	4°49	4° 5	25°45	22° 3	3°30	25°51	2° 1	27°43	29° 5	19°32	19°48	S 11
M12	17 22 19	21°23'07	10 ^{III} 32	5°56	5°52	4°48	25°40	22° 4	3°33	25°52	2° 2	27°41	29° 2	19°39	19°53	M12
T 13	17 26 16	22°20'31	23°51	5°D55	6°55	5°31	25°34	22° 6	3°36	25°52	2° 3	27°38	28°59	19°46	19°59	T 13
W14	17 30 12	23°17'54	7 [☾] 38	5°58	7°58	6°14	25°29	22° 8	3°38	25°53	2° 5	27°34	28°55	19°52	20° 4	W14
T 15	17 34 9	24°15'17	21°52	6° 6	9° 1	6°56	25°24	22°11	3°41	25°53	2° 6	27°29	28°52	19°59	20° 9	T 15
F 16	17 38 5	25°12'39	6 ^{II} 29	6°19	10° 3	7°39	25°18	22°13	3°43	25°54	2° 7	27°24	28°49	20° 6	20°14	F 16
S 17	17 42 2	26°10'00	21°24	6°36	11° 5	8°22	25°12	22°15	3°45	25°54	2° 9	27°20	28°46	20°12	20°19	S 17
S 18	17 45 58	27° 7'21	6 [☾] 29	6°57	12° 7	9° 4	25° 7	22°18	3°48	25°54	2°10	27°18	28°43	20°19	20°24	S 18
M19	17 49 55	28° 4'42	21°33	7°23	13° 8	9°47	25° 1	22°20	3°50	25°55	2°12	27°D17	28°39	20°26	20°29	M19
T 20	17 53 51	29° 2'01	6 ^{II} 30	7°53	14° 9	10°29	24°54	22°23	3°52	25°55	2°13	27°17	28°36	20°32	20°34	T 20
W21	17 57 48	29°59'20	21°11	8°28	15°10	11°11	24°48	22°26	3°55	25°55	2°15	27°18	28°33	20°39	20°39	W21
T 22	18 1 45	0 [☾] 56'38	5 ^{III} 31	9° 7	16°10	11°54	24°42	22°29	3°57	25°55	2°16	27°19	28°30	20°46	20°44	T 22
F 23	18 5 41	1°53'55	19°30	9°50	17°10	12°36	24°35	22°32	3°59	25°56	2°17	27°20	28°27	20°52	20°49	F 23
S 24	18 9 38	2°51'11	3 [☾] 6	10°38	18°10	13°18	24°29	22°35	4° 1	25°56	2°19	27°R21	28°24	20°59	20°54	S 24
S 25	18 13 34	3°48'27	16°21	11°29	19° 9	14° 0	24°22	22°38	4° 3	25°56	2°20	27°20	28°20	21° 6	20°59	S 25
M26	18 17 31	4°45'42	29°16	12°25	20° 8	14°42	24°15	22°41	4° 5	25°56	2°22	27°19	28°17	21°12	21° 4	M26
T 27	18 21 27	5°42'56	11 ^{III} 55	13°24	21° 6	15°24	24° 9	22°44	4° 7	25°56	2°23	27°16	28°14	21°19	21° 9	T 27
W28	18 25 24	6°40'10	24°20	14°28	22° 5	16° 6	24° 2	22°48	4° 9	25°R56	2°25	27°13	28°11	21°25	21°14	W28
T 29	18 29 20	7°37'23	6 [☾] 33	15°35	23° 2	16°48	23°55	22°51	4°11	25°56	2°26	27°10	28° 8	21°32	21°19	T 29
F 30	18 33 17	8 [☾] 34'36	18 [☾] 37	16 ^{II} 46	23 [☾] 59	17 ^{II} 30	23 [☾] 47	22 ^{III} 55	4 [☾] 13	25 [☾] 56	2 [☾] 28	27 [☾] 7	28 [☾] 5	21 [☾] 39	21 ^{II} 24	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22n 3	15s11	4n28	19n48	2s10	23n42	2n28	19n22	0s 4	21s 0	0s 9	5n19	2n16	12n 2	0s31	T 1
F 2	22 11	18 4	3 50	19 27	2 26	23 30	2 28	19 33	0 4	21 1	0 10	5 19	2 16	12 3	0 31	F 2
S 3	22 18	20 7	3 2	19 7	2 41	23 17	2 27	19 43	0 3	21 2	0 10	5 18	2 15	12 4	0 31	S 3
S 4	22 25	21 15	2 6	18 48	2 55	23 4	2 27	19 53	0 2	21 2	0 10	5 18	2 15	12 5	0 31	S 4
M 5	22 32	21 26	1 5	18 31	3 8	22 50	2 26	20 3	0 2	21 3	0 10	5 17	2 15	12 6	0 31	M 5
T 6	22 38	20 39	0 2	18 14	3 20	22 36	2 25	20 13	0 1	21 4	0 10	5 16	2 15	12 7	0 31	T 6
W 7	22 44	18 57	1s 2	18 0	3 31	22 21	2 24	20 23	0 0	21 5	0 10	5 16	2 15	12 8	0 31	W 7
T 8	22 50	16 27	2 4	17 47	3 41	22 6	2 23	20 32	0n 0	21 6	0 11	5 15	2 14	12 9	0 31	T 8
F 9	22 55	13 13	3 0	17 35	3 49	21 50	2 22	20 41	0 1	21 7	0 11	5 14	2 14	12 9	0 31	F 9
S 10	23 0	9 23	3 50	17 26	3 57	21 34	2 21	20 50	0 2	21 8	0 11	5 13	2 14	12 10	0 31	S 10
S 11	23 4	5 4	4 30	17 18	4 3	21 17	2 19	20 59	0 2	21 9	0 11	5 12	2 14	12 11	0 31	S 11
M12	23 8	0 25	4 58	17 13	4 7	21 0	2 17	21 7	0 3	21 10	0 11	5 11	2 14	12 12	0 31	M12
T 13	23 12	4n25	5 11	17 9	4 10	20 43	2 16	21 16	0 4	21 11	0 11	5 10	2 13	12 13	0 31	T 13
W14	23 15	9 11	5 7	17 8	4 13	20 25	2 14	21 24	0 4	21 13	0 12	5 9	2 13	12 14	0 31	W14
T 15	23 17	13 38	4 45	17 8	4 14	20 6	2 12	21 32	0 5	21 14	0 12	5 8	2 13	12 15	0 31	T 15
F 16	23 20	17 23	4 3	17 11	4 13	19 47	2 10	21 39	0 6	21 15	0 12	5 7	2 13	12 15	0 31	F 16
S 17	23 21	20 4	3 4	17 15	4 12	19 28	2 7	21 47	0 6	21 16	0 12	5 6	2 13	12 16	0 31	S 17
S 18	23 23	21 24	1 52	17 20	4 10	19 8	2 5	21 54	0 7	21 17	0 12	5 5	2 13	12 17	0 31	S 18
M19	23 24	21 10	0 31	17 28	4 7	18 48	2 2	22 1	0 8	21 19	0 12	5 4	2 12	12 18	0 31	M19
T 20	23 25	19 27	0n50	17 37	4 3	18 28	1 59	22 8	0 8	21 20	0 12	5 3	2 12	12 19	0 31	T 20
W21	23 25	16 26	2 8	17 47	3 57	18 8	1 56	22 14	0 9	21 21	0 13	5 1	2 12	12 19	0 31	W21
T 22	23 25	12 30	3 15	17 59	3 52	17 47	1 53	22 21	0 10	21 22	0 13	5 0	2 12	12 20	0 31	T 22
F 23	23 24	7 58	4 9	18 12	3 45	17 25	1 50	22 27	0 10	21 24	0 13	4 59	2 12	12 21	0 31	F 23
S 24	23 23	3 10	4 47	18 26	3 38	17 4	1 47	22 33	0 11	21 25	0 13	4 57	2 11	12 21	0 31	S 24
S 25	23 22	1s40	5 9	18 41	3 29	16 42	1 43	22 39	0 12	21 26	0 13	4 56	2 11	12 22	0 31	S 25
M26	23 20	6 17	5 15	18 56	3 21	16 20	1 40	22 44	0 12	21 28	0 13	4 54	2 11	12 23	0 31	M26
T 27	23 17	10 33	5 5	19 13	3 12	15 57	1 36	22 50	0 13	21 29	0 14	4 53	2 11	12 24	0 31	T 27
W28	23 15	14 18	4 41	19 30	3 2	15 35	1 32	22 55	0 13	21 30	0 14	4 52	2 11	12 24	0 31	W28
T 29	23 12	17 22	4 4	19 48	2 51	15 12	1 27	23 0	0 14	21 32	0 14	4 50	2 11	12 25	0 31	T 29
F 30	23n 8	19s39	3n17	20n 5	2s41	14n49	1n23	23n 4	0n15	21s33	0s14	4n48	2n10	12n25	0s31	F 30

Julian Day Number = 2519631.5, Delta T = 150.30 sec

Ecliptic obliquity = 23°24'49, Nutation = - 0°00'16, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°20'43, Lahiri = 26°27'44

ASTRODIENST EPHEMERIS for the year 2186

geocentric

JULY 2186

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 37 14	9 ⁵³ 1'48	0 ³³ 33	18 ^{II} 1	24 ^{II} 56	18 ^{II} 12	23°R40	22 ^{II} 58	4 ⁸ 15	25°R56	2 ^{II} 30	27°R 5	28 ^{II} 1	21 ^{II} 45	21 ^{II} 29	S 1
S 2	18 41 10	10°29'00	12°24	19°19	25°52	18°54	23 ^{II} 33	23° 2	4°17	25 ^{II} 56	2°31	27 ^{II} 4	27°58	21°52	21°34	S 2
M 3	18 45 7	11°26'12	24°13	20°41	26°48	19°35	23°26	23° 6	4°19	25°56	2°33	27°D 3	27°55	21°59	21°39	M 3
T 4	18 49 3	12°23'24	6 ^{II} 0	22° 7	27°43	20°17	23°18	23°10	4°21	25°56	2°34	27° 3	27°52	22° 5	21°44	T 4
W 5	18 53 0	13°20'36	17°50	23°36	28°38	20°58	23°11	23°14	4°22	25°55	2°36	27° 4	27°49	22°12	21°49	W 5
T 6	18 56 56	14°17'48	29°44	25° 9	29°32	21°40	23° 3	23°18	4°24	25°55	2°37	27° 5	27°45	22°19	21°53	T 6
F 7	19 0 53	15°15'00	11 ^{II} 47	26°45	0 ^{II} 26	22°21	22°56	23°22	4°26	25°55	2°39	27° 6	27°42	22°25	21°58	F 7
S 8	19 4 49	16°12'12	24° 1	28°25	1°19	23° 3	22°48	23°26	4°27	25°55	2°41	27° 7	27°39	22°32	22° 3	S 8
S 9	19 8 46	17° 9'25	6 ^{II} 32	0 ^{II} 8	2°12	23°44	22°40	23°30	4°29	25°54	2°42	27° 8	27°36	22°39	22° 8	S 9
M10	19 12 43	18° 6'37	19°23	1°54	3° 3	24°26	22°33	23°35	4°30	25°54	2°44	27°R 8	27°33	22°45	22°13	M10
T 11	19 16 39	19° 3'50	2 ^{II} 37	3°44	3°55	25° 7	22°25	23°39	4°32	25°54	2°45	27° 8	27°30	22°52	22°17	T 11
W12	19 20 36	20° 1'04	16°16	5°36	4°45	25°48	22°17	23°44	4°33	25°53	2°47	27° 7	27°26	22°58	22°22	W12
T 13	19 24 32	20°58'18	0 ^{II} 22	7°31	5°35	26°29	22°10	23°48	4°34	25°53	2°49	27° 7	27°23	23° 5	22°27	T 13
F 14	19 28 29	21°55'32	14°53	9°29	6°24	27°10	22° 2	23°53	4°36	25°52	2°50	27° 6	27°20	23°12	22°31	F 14
S 15	19 32 25	22°52'47	29°45	11°29	7°13	27°51	21°54	23°58	4°37	25°52	2°52	27° 5	27°17	23°18	22°36	S 15
S 16	19 36 22	23°50'02	14 ^{II} 50	13°31	8° 1	28°32	21°46	24° 3	4°38	25°51	2°54	27° 5	27°14	23°25	22°41	S 16
M17	19 40 19	24°47'18	0 ^{II} 2	15°34	8°48	29°13	21°39	24° 8	4°39	25°51	2°55	27°D 5	27°11	23°32	22°45	M17
T 18	19 44 15	25°44'34	15° 9	17°40	9°34	29°54	21°31	24°13	4°40	25°50	2°57	27° 5	27° 7	23°38	22°50	T 18
W19	19 48 12	26°41'49	0 ^{II} 3	19°46	10°19	0 ^{II} 35	21°23	24°18	4°42	25°49	2°59	27°R 5	27° 4	23°45	22°54	W19
T 20	19 52 8	27°39'05	14°38	21°54	11° 3	1°16	21°16	24°23	4°43	25°49	3° 0	27° 5	27° 1	23°52	22°59	T 20
F 21	19 56 5	28°36'21	28°48	24° 2	11°47	1°57	21° 8	24°28	4°44	25°48	3° 2	27° 5	26°58	23°58	23° 3	F 21
S 22	20 0 1	29°33'38	12 ^{II} 32	26°10	12°29	2°37	21° 0	24°33	4°44	25°47	3° 4	27° 5	26°55	24° 5	23° 8	S 22
S 23	20 3 58	0 ^{II} 30'54	25°50	28°19	13°11	3°18	20°53	24°39	4°45	25°47	3° 5	27°D 5	26°51	24°12	23°12	S 23
M24	20 7 54	1°28'11	8 ^{II} 44	0 ^{II} 27	13°52	3°58	20°45	24°44	4°46	25°46	3° 7	27° 5	26°48	24°18	23°16	M24
T 25	20 11 51	2°25'27	21°18	2°34	14°31	4°39	20°38	24°49	4°47	25°45	3° 9	27° 5	26°45	24°25	23°21	T 25
W26	20 15 47	3°22'45	3 ^{II} 36	4°41	15° 9	5°19	20°31	24°55	4°48	25°44	3°10	27° 6	26°42	24°32	23°25	W26
T 27	20 19 44	4°20'02	15°40	6°47	15°46	6° 0	20°23	25° 0	4°48	25°43	3°12	27° 6	26°39	24°38	23°29	T 27
F 28	20 23 41	5°17'20	27°36	8°52	16°22	6°40	20°16	25° 6	4°49	25°42	3°14	27° 7	26°36	24°45	23°33	F 28
S 29	20 27 37	6°14'39	9 ^{II} 26	10°56	16°57	7°20	20° 9	25°12	4°50	25°41	3°15	27° 8	26°32	24°51	23°37	S 29
S 30	20 31 34	7°11'58	21°14	12°58	17°30	8° 1	20° 2	25°18	4°50	25°41	3°17	27°R 8	26°29	24°58	23°42	S 30
M31	20 35 30	8 ^{II} 9'17	3 ^{II} 2	14 ^{II} 59	18 ^{II} 2	8 ^{II} 41	19 ^{II} 55	25 ^{II} 23	4 ⁸ 51	25 ^{II} 40	3 ^{II} 19	27 ^{II} 8	26 ^{II} 26	25 ^{II} 5	23 ^{II} 46	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n 4	21s 3	2n21	20n23	2s30	14n26	1n19	23n 9	0n15	21s35	0s14	4n47	2n10	12n26	0s31	2s40	1s 8
S 2	23 0	21 30	1 20	20 41	2 18	14 2	1 14	23 13	0 16	21 36	0 14	4 45	2 10	12 27	0 31	2 40	1 9
M 3	22 55	20 59	0 16	20 59	2 6	13 39	1 9	23 17	0 17	21 37	0 14	4 44	2 10	12 27	0 31	2 40	1 9
T 4	22 50	19 33	0s49	21 57	1 54	13 15	1 4	23 21	0 17	21 39	0 15	4 42	2 10	12 28	0 31	2 40	1 9
W 5	22 45	17 16	1 53	21 34	1 42	12 51	0 59	23 24	0 18	21 40	0 15	4 40	2 10	12 28	0 31	2 40	1 9
T 6	22 39	14 14	2 52	21 50	1 30	12 27	0 53	23 28	0 19	21 42	0 15	4 38	2 9	12 29	0 31	2 40	1 9
F 7	22 33	10 35	3 44	22 5	1 17	12 3	0 48	23 31	0 19	21 43	0 15	4 37	2 9	12 29	0 31	2 40	1 9
S 8	22 26	6 27	4 26	22 20	1 5	11 39	0 42	23 34	0 20	21 44	0 15	4 35	2 9	12 30	0 31	2 41	1 9
S 9	22 19	1 58	4 57	22 33	0 52	11 15	0 36	23 37	0 21	21 46	0 15	4 33	2 9	12 30	0 31	2 41	1 9
M10	22 11	2n43	5 15	22 45	0 39	10 50	0 30	23 39	0 21	21 47	0 16	4 31	2 9	12 31	0 31	2 41	1 9
T 11	22 4	7 25	5 16	22 55	0 27	10 26	0 24	23 41	0 22	21 49	0 16	4 29	2 9	12 31	0 31	2 41	1 9
W12	21 55	11 53	5 0	23 3	0 15	10 1	0 17	23 44	0 23	21 50	0 16	4 27	2 8	12 32	0 31	2 41	1 9
T 13	21 47	15 52	4 26	23 9	0 3	9 37	0 10	23 45	0 23	21 51	0 16	4 25	2 8	12 32	0 31	2 42	1 9
F 14	21 38	19 1	3 34	23 13	0n 8	9 12	0 3	23 47	0 24	21 53	0 16	4 23	2 8	12 33	0 31	2 42	1 9
S 15	21 29	20 59	2 26	23 15	0 20	8 48	0s 4	23 48	0 25	21 54	0 16	4 21	2 8	12 33	0 31	2 42	1 9
S 16	21 19	21 28	1 8	23 14	0 30	8 23	0 11	23 50	0 25	21 55	0 16	4 19	2 8	12 33	0 31	2 42	1 9
M17	21 9	20 23	0n16	23 10	0 40	7 59	0 18	23 51	0 26	21 57	0 17	4 17	2 8	12 34	0 32	2 43	1 9
T 18	20 58	17 51	1 39	23 4	0 50	7 35	0 26	23 51	0 27	21 58	0 17	4 15	2 8	12 34	0 32	2 43	1 9
W19	20 48	14 9	2 53	22 56	0 59	7 10	0 34	23 52	0 27	22 0	0 17	4 13	2 7	12 35	0 32	2 43	1 9
T 20	20 37	9 39	3 55	22 44	1 7	6 46	0 42	23 52	0 28	22 1	0 17	4 11	2 7	12 35	0 32	2 43	1 9
F 21	20 25	4 46	4 40	22 30	1 14	6 22	0 50	23 53	0 29	22 2	0 17	4 8	2 7	12 35	0 32	2 44	1 9
S 22	20 13	0s13	5 8	22 13	1 21	5 58	0 58	23 52	0 29	22 3	0 17	4 6	2 7	12 36	0 32	2 44	1 9
S 23	20 1	5 2	5 18	21 54	1 27	5 34	1 7	23 52	0 30	22 5	0 17	4 4	2 7	12 36	0 32	2 44	1 9
M24	19 49	9 29	5 11	21 32	1 32	5 10	1 16	23 52	0 31	22 6	0 17	4 2	2 7	12 36	0 32	2 45	1 9
T 25	19 36	13 24	4 50	21 8	1 37	4 47	1 25	23 51	0 31	22 7	0 18	4 0	2 7	12 36	0 32	2 45	1 10
W26	19 23	16 40	4 16	20 41	1 40	4 24	1 34	23 50	0 32	22 8	0 18	3 57	2 6	12 37	0 32	2 45	1 10
T 27	19 9	19 9	3 31	20 13	1 43	4 1	1 44	23 49	0 32	22 10	0 18	3 55	2 6	12 37	0 32	2 46	1 10
F 28	18 56	20 47	2 37	19 43	1 45	3 38	1 53	23 48	0 33	22 11	0 18	3 53	2 6	12 37	0 32	2 46	1 10
S 29	18 42	21 28	1 37	19 11	1 46	3 15	2 3	23 46	0 34	22 12	0 18	3 50	2 6	12 37	0 32	2 47	1 10
S 30	18 27	21 12	0 33	18 37	1 47	2 53	2 13	23 45	0 34	22 13	0 18	3 48	2 6	12 37	0 32	2 47	1 10
M31	18n12	19s59	0s33	18n 2	1n47	2n31	2s24	23n43	0n35	22s14	0s18	3n45	2n 6	12n37	0s32	2s47	1s10

Julian Day Number = 2519661.5, Delta T = 150.37 sec
 Ecliptic obliquity = 23°24'49, Nutation = - 0°00'15, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°20'47, Lahiri = 26°27'48

ASTRODIENST EPHEMERIS for the year 2186

geocentric

AUGUST 2186

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 39 27	9♌ 6'37	14♋53	16♌58	18♍33	9♌21	19♌48	25♍29	4♌51	25♌39	3♌20	27♌8	26♌23	25♌11	23♌50	T 1
W 2	20 43 23	10° 3'58	26°48	18°56	19° 2	10° 1	19♌41	25°35	4°52	25♌38	3°22	27♌7	26°20	25°18	23°54	W 2
T 3	20 47 20	11° 1'20	8♌51	20°53	19°30	10°41	19°34	25°41	4°52	25°37	3°24	27° 5	26°17	25°25	23°58	T 3
F 4	20 51 16	11°58'43	21° 2	22°48	19°56	11°21	19°28	25°47	4°52	25°35	3°25	27° 3	26°13	25°31	24° 1	F 4
S 5	20 55 13	12°56'07	3♌25	24°41	20°21	12° 1	19°21	25°53	4°52	25°34	3°27	27° 1	26°10	25°38	24° 5	S 5
S 6	20 59 10	13°53'31	16° 2	26°32	20°43	12°41	19°15	25°59	4°53	25°33	3°29	26°59	26° 7	25°45	24° 9	S 6
M 7	21 3 6	14°50'57	28°55	28°22	21° 4	13°21	19° 8	26° 6	4°53	25°32	3°30	26°57	26° 4	25°51	24°13	M 7
T 8	21 7 3	15°48'25	12♌7	0♌11	21°24	14° 0	19° 2	26°12	4°53	25°31	3°32	26°D56	26° 1	25°58	24°17	T 8
W 9	21 10 59	16°45'53	25°40	1°58	21°41	14°40	18°56	26°18	4°53	25°30	3°33	26°57	25°57	26° 5	24°20	W 9
T 10	21 14 56	17°43'23	9♌34	3°43	21°57	15°20	18°50	26°24	4°R53	25°29	3°35	26°58	25°54	26°11	24°24	T 10
F 11	21 18 52	18°40'54	23°51	5°26	22°10	15°59	18°44	26°31	4°53	25°27	3°37	26°59	25°51	26°18	24°27	F 11
S 12	21 22 49	19°38'27	8♌28	7° 8	22°22	16°39	18°39	26°37	4°53	25°26	3°38	27° 0	25°48	26°24	24°31	S 12
S 13	21 26 45	20°36'00	23°21	8°49	22°31	17°18	18°33	26°44	4°53	25°25	3°40	27°R 1	25°45	26°31	24°35	S 13
M14	21 30 42	21°33'35	8♌24	10°28	22°39	17°58	18°28	26°50	4°53	25°24	3°42	27° 0	25°42	26°38	24°38	M14
T 15	21 34 39	22°31'12	23°27	12° 5	22°44	18°37	18°23	26°57	4°52	25°22	3°43	26°59	25°38	26°44	24°41	T 15
W16	21 38 35	23°28'49	8♌23	13°41	22°47	19°17	18°17	27° 3	4°52	25°21	3°45	26°56	25°35	26°51	24°45	W16
T 17	21 42 32	24°26'27	23° 3	15°15	22°R48	19°56	18°13	27°10	4°52	25°20	3°46	26°53	25°32	26°58	24°48	T 17
F 18	21 46 28	25°24'06	7♌21	16°48	22°46	20°35	18° 8	27°17	4°51	25°18	3°48	26°49	25°29	27° 4	24°51	F 18
S 19	21 50 25	26°21'47	21°12	18°19	22°42	21°14	18° 3	27°24	4°51	25°17	3°49	26°45	25°26	27°11	24°54	S 19
S 20	21 54 21	27°19'28	4♌36	19°49	22°36	21°53	17°59	27°30	4°50	25°15	3°51	26°42	25°22	27°18	24°57	S 20
M21	21 58 18	28°17'11	17°33	21°17	22°27	22°32	17°54	27°37	4°50	25°14	3°53	26°40	25°19	27°24	25° 0	M21
T 22	22 2 14	29°14'54	0♌8	22°44	22°16	23°11	17°50	27°44	4°49	25°13	3°54	26°D39	25°16	27°31	25° 3	T 22
W23	22 6 11	0♌12'39	12°24	24° 9	22° 3	23°50	17°46	27°51	4°49	25°11	3°56	26°40	25°13	27°38	25° 6	W23
T 24	22 10 8	1°10'24	24°25	25°32	21°47	24°29	17°42	27°58	4°48	25°10	3°57	26°41	25°10	27°44	25° 9	T 24
F 25	22 14 4	2° 8'11	6♌18	26°54	21°28	25° 8	17°39	28° 5	4°47	25° 8	3°59	26°43	25° 7	27°51	25°12	F 25
S 26	22 18 1	3° 5'59	18° 6	28°14	21° 8	25°47	17°35	28°12	4°47	25° 7	4° 0	26°44	25° 3	27°57	25°15	S 26
S 27	22 21 57	4° 3'49	29°53	29°33	20°45	26°26	17°32	28°19	4°46	25° 5	4° 2	26°R45	25° 0	28° 4	25°17	S 27
M28	22 25 54	5° 1'39	11♌44	0♌49	20°20	27° 4	17°29	28°26	4°45	25° 4	4° 3	26°44	24°57	28°11	25°20	M28
T 29	22 29 50	5°59'31	23°40	2° 4	19°54	27°43	17°26	28°33	4°44	25° 2	4° 5	26°41	24°54	28°17	25°23	T 29
W30	22 33 47	6°57'24	5♌46	3°17	19°25	28°21	17°23	28°40	4°43	25° 1	4° 6	26°36	24°51	28°24	25°25	W30
T 31	22 37 43	7♌55'19	18♌1	4♌28	18♌55	29♌0	17♌21	28♌47	4♌42	24♌59	4♌7	26♌29	24♌48	28♌31	25♌27	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	17n58	17s54	1s37	17n25	1n46	2n10	2s34	23n41	0n36	22s16	0s18	3n43	2n 6	12n38	0s32	2s48
W 2	17 42	15 2	2 37	16 47	1 45	1 48	2 45	23 38	0 36	22 17	0 19	3 41	2 6	12 38	0 32	2 48
T 3	17 27	11 30	3 31	16 9	1 43	1 28	2 56	23 36	0 37	22 18	0 19	3 38	2 6	12 38	0 32	2 49
F 4	17 11	7 28	4 16	15 29	1 40	1 7	3 7	23 33	0 38	22 19	0 19	3 36	2 5	12 38	0 32	2 49
S 5	16 55	3 5	4 50	14 49	1 37	0 47	3 18	23 30	0 38	22 20	0 19	3 33	2 5	12 38	0 32	2 50
S 6	16 38	1n31	5 10	14 7	1 34	0 28	3 29	23 27	0 39	22 21	0 19	3 31	2 5	12 38	0 32	2 50
M 7	16 22	6 9	5 16	13 26	1 30	0 9	3 41	23 24	0 40	22 22	0 19	3 28	2 5	12 38	0 32	2 51
T 8	16 5	10 37	5 5	12 43	1 25	0s 9	3 52	23 21	0 40	22 23	0 19	3 25	2 5	12 38	0 32	2 51
W 9	15 48	14 40	4 37	12 1	1 20	0 27	4 4	23 17	0 41	22 24	0 19	3 23	2 5	12 38	0 32	2 52
T 10	15 30	18 2	3 53	11 18	1 15	0 44	4 16	23 13	0 41	22 25	0 19	3 20	2 5	12 38	0 32	2 52
F 11	15 13	20 24	2 53	10 35	1 9	0 4	4 28	23 9	0 42	22 26	0 19	3 18	2 5	12 38	0 32	2 53
S 12	14 55	21 28	1 41	9 51	1 3	1 16	4 40	23 5	0 43	22 26	0 20	3 15	2 5	12 38	0 32	2 53
S 13	14 37	21 4	0 20	9 8	0 56	1 31	4 52	23 1	0 43	22 27	0 20	3 12	2 5	12 38	0 32	2 54
M14	14 18	19 9	1n 2	8 24	0 50	1 45	5 5	22 56	0 44	22 28	0 20	3 10	2 5	12 38	0 32	2 54
T 15	14 0	15 54	2 20	7 41	0 43	1 58	5 17	22 51	0 45	22 29	0 20	3 7	2 4	12 38	0 32	2 55
W16	13 41	11 38	3 28	6 57	0 35	2 11	5 29	22 47	0 45	22 30	0 20	3 4	2 4	12 38	0 32	2 55
T 17	13 22	6 45	4 21	6 14	0 28	2 23	5 42	22 42	0 46	22 30	0 20	3 2	2 4	12 37	0 32	2 56
F 18	13 2	1 37	4 56	5 31	0 20	2 33	5 54	22 36	0 47	22 31	0 20	2 59	2 4	12 37	0 32	2 56
S 19	12 43	3s26	5 12	4 48	0 12	2 43	6 6	22 31	0 47	22 32	0 20	2 56	2 4	12 37	0 32	2 57
S 20	12 23	8 9	5 11	4 5	0 4	2 51	6 18	22 25	0 48	22 33	0 20	2 53	2 4	12 37	0 32	2 58
M21	12 3	12 22	4 53	3 23	0s 5	2 59	6 30	22 20	0 48	22 33	0 20	2 51	2 4	12 37	0 32	2 58
T 22	11 43	15 53	4 22	2 41	0 13	3 5	6 42	22 14	0 49	22 34	0 20	2 48	2 4	12 37	0 32	2 59
W23	11 23	18 38	3 39	1 59	0 22	3 11	6 53	22 8	0 50	22 35	0 21	2 45	2 4	12 36	0 32	2 59
T 24	11 3	20 30	2 48	1 18	0 31	3 15	7 4	22 2	0 50	22 35	0 21	2 42	2 4	12 36	0 32	3 0
F 25	10 42	21 26	1 50	0 37	0 40	3 17	7 15	21 55	0 51	22 36	0 21	2 39	2 4	12 36	0 32	3 1
S 26	10 21	21 25	0 47	0s 3	0 49	3 19	7 25	21 49	0 52	22 36	0 21	2 37	2 4	12 36	0 32	3 1
S 27	10 1	20 26	0s17	0 42	0 58	3 19	7 35	21 42	0 52	22 37	0 21	2 34	2 4	12 35	0 32	3 2
M28	9 39	18 33	1 21	1 21	1 7	3 18	7 45	21 35	0 53	22 37	0 21	2 31	2 4	12 35	0 32	3 3
T 29	9 18	15 50	2 21	2 0	1 17	3 16	7 54	21 28	0 53	22 38	0 21	2 28	2 4	12 35	0 32	3 3
W30	8 57	12 26	3 16	2 37	1 26	3 12	8 2	21 21	0 54	22 38	0 21	2 25	2 4	12 34	0 32	3 4
T 31	8n35	8s27	4s 2	3s14	1s35	3s 8	8s 9	21n14	0n55	22s38	0s21	2n22	2n 4	12n34	0s32	3s 4

Julian Day Number = 2519692.5, Delta T = 150.45 sec
 Ecliptic obliquity = 23°24'50, Nutation = - 0°00'14, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°20'52, Lahiri = 26°27'52

ASTRODIENST EPHEMERIS for the year 2186

geocentric

SEPTEMBER 2186

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 41 40	8 ^h 53'16	0 ^h 27	5 ^h 37	18°R22	29 ^h 38	17°R19	28 ^h 54	4°R41	24°R57	4 ^h 9	26°R22	24 ^h 44	28 ^h 37	25 ^h 30	F 1
S 2	22 45 37	9°51'14	13° 5	6°43	17 ^h 49	0 ^h 17	17 ^h 36	29° 1	4 ^h 40	24 ^h 56	4°10	26 ^h 14	24°41	28°44	25°32	S 2
S 3	22 49 33	10°49'13	25°56	7°48	17°14	0°55	17°14	29° 8	4°39	24°54	4°12	26° 7	24°38	28°51	25°34	S 3
M 4	22 53 30	11°47'15	9 ^h 0	8°50	16°39	1°33	17°13	29°16	4°38	24°53	4°13	26° 2	24°35	28°57	25°37	M 4
T 5	22 57 26	12°45'19	22°18	9°50	16° 3	2°12	17°11	29°23	4°36	24°51	4°14	25°58	24°32	29° 4	25°39	T 5
W 6	23 1 23	13°43'24	5 ^h 50	10°47	15°26	2°50	17°10	29°30	4°35	24°49	4°16	25°56	24°28	29°11	25°41	W 6
T 7	23 5 19	14°41'31	19°38	11°41	14°49	3°28	17° 8	29°38	4°34	24°48	4°17	25°D56	24°25	29°17	25°43	T 7
F 8	23 9 16	15°39'41	3 ^h 42	12°32	14°11	4° 6	17° 7	29°45	4°33	24°46	4°18	25°56	24°22	29°24	25°45	F 8
S 9	23 13 12	16°37'53	18° 1	13°20	13°34	4°44	17° 6	29°52	4°31	24°45	4°20	25°57	24°19	29°31	25°46	S 9
S 10	23 17 9	17°36'06	2 ^h 34	14° 5	12°58	5°22	17° 6	29°59	4°30	24°43	4°21	25°R57	24°16	29°37	25°48	S 10
M11	23 21 6	18°34'22	17°16	14°46	12°22	6° 0	17° 5	0 ^h 7	4°28	24°41	4°22	25°56	24°13	29°44	25°50	M11
T 12	23 25 2	19°32'39	2 ^h 2	15°23	11°47	6°38	17° 5	0°14	4°27	24°40	4°24	25°52	24° 9	29°50	25°52	T 12
W13	23 28 59	20°30'58	16°44	15°56	11°13	7°16	17°D 5	0°22	4°25	24°38	4°25	25°45	24° 6	29°57	25°53	W13
T 14	23 32 55	21°29'19	1 ^h 16	16°25	10°41	7°53	17° 5	0°29	4°24	24°36	4°26	25°37	24° 3	0 ^h 4	25°55	T 14
F 15	23 36 52	22°27'42	15°30	16°49	10°10	8°31	17° 5	0°36	4°22	24°35	4°27	25°28	24° 0	0°10	25°56	F 15
S 16	23 40 48	23°26'06	29°21	17° 8	9°40	9° 9	17° 6	0°44	4°20	24°33	4°28	25°19	23°57	0°17	25°57	S 16
S 17	23 44 45	24°24'32	12 ^h 47	17°21	9°13	9°46	17° 7	0°51	4°19	24°31	4°30	25°11	23°53	0°24	25°59	S 17
M18	23 48 41	25°23'00	25°47	17°29	8°47	10°24	17° 7	0°59	4°17	24°30	4°31	25° 5	23°50	0°30	26° 0	M18
T 19	23 52 38	26°21'29	8 ^h 23	17°R30	8°23	11° 1	17° 8	1° 6	4°15	24°28	4°32	25° 1	23°47	0°37	26° 1	T 19
W20	23 56 34	27°20'00	20°40	17°25	8° 2	11°38	17°10	1°14	4°13	24°26	4°33	24°59	23°44	0°44	26° 2	W20
T 21	0 0 31	28°18'33	2 ^h 42	17°13	7°43	12°16	17°11	1°21	4°12	24°25	4°34	24°D59	23°41	0°50	26° 3	T 21
F 22	0 4 28	29°17'07	14°34	16°55	7°26	12°53	17°13	1°28	4°10	24°23	4°35	25° 0	23°38	0°57	26° 4	F 22
S 23	0 8 24	0 ^h 15'43	26°21	16°29	7°11	13°30	17°15	1°36	4° 8	24°21	4°36	25°R 0	23°34	1° 4	26° 5	S 23
S 24	0 12 21	1°14'21	8 ^h 10	15°57	6°59	14° 7	17°17	1°43	4° 6	24°20	4°37	24°59	23°31	1°10	26° 6	S 24
M25	0 16 17	2°13'00	20° 4	15°17	6°49	14°44	17°19	1°51	4° 4	24°18	4°38	24°56	23°28	1°17	26° 6	M25
T 26	0 20 14	3°11'41	2 ^h 8	14°31	6°42	15°21	17°21	1°58	4° 2	24°17	4°39	24°50	23°25	1°23	26° 7	T 26
W27	0 24 10	4°10'24	14°24	13°38	6°37	15°58	17°24	2° 6	4° 0	24°15	4°40	24°42	23°22	1°30	26° 7	W27
T 28	0 28 7	5° 9'09	26°54	12°40	6°34	16°35	17°27	2°13	3°58	24°13	4°41	24°32	23°19	1°37	26° 8	T 28
F 29	0 32 3	6° 7'56	9 ^h 38	11°38	6°D34	17°12	17°30	2°21	3°56	24°12	4°42	24°20	23°15	1°43	26° 8	F 29
S 30	0 36 0	7 ^h 6'44	22 ^h 37	10 ^h 33	6 ^h 37	17°49	17°33	2 ^h 28	3°54	24°10	4°43	24°28	23°12	1 ^h 45	26° 8	S 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8n14	4s 4	4s38	3s50	1s45	3s 2	8s16	21n 6	0n55	22s39	0s21	2n20	2n 4	12n34	0s32	3s 5	1s11	22n15	3n 9	20n51	21n 9	20s45	18n 6	5s14			
S 2	7 52	0n33	5 1	4 25	1 54	2 54	8 22	20 59	0 56	22 39	0 21	2 17	2 4	12 33	0 32	3 6	1 11	22 15	3 9	20 53	21 10	20 45	18 6	5 15			
S 3	7 30	5 13	5 9	4 59	2 3	2 46	8 28	20 51	0 57	22 39	0 21	2 14	2 3	12 33	0 32	3 6	1 11	22 15	3 9	20 54	21 10	20 44	18 5	5 15			
M 4	7 8	9 43	5 1	5 32	2 12	2 36	8 32	20 43	0 57	22 40	0 21	2 11	2 3	12 32	0 32	3 7	1 11	22 14	3 9	20 55	21 11	20 44	18 5	5 16			
T 5	6 46	13 51	4 37	6 4	2 22	2 26	8 36	20 35	0 58	22 40	0 22	2 8	2 3	12 32	0 32	3 8	1 11	22 14	3 9	20 56	21 12	20 43	18 5	5 16			
W 6	6 24	17 22	3 57	6 34	2 31	2 14	8 38	20 27	0 58	22 40	0 22	2 5	2 3	12 32	0 32	3 8	1 11	22 14	3 9	20 56	21 12	20 43	18 4	5 17			
T 7	6 1	19 58	3 3	7 4	2 39	2 1	8 40	20 19	0 59	22 40	0 22	2 2	2 3	12 31	0 32	3 9	1 11	22 14	3 9	20 56	21 13	20 42	18 4	5 17			
F 8	5 39	21 25	1 57	7 32	2 48	1 48	8 41	20 11	1 0	22 41	0 22	1 59	2 3	12 31	0 33	3 10	1 11	22 14	3 9	20 56	21 13	20 42	18 3	5 18			
S 9	5 16	21 30	0 43	7 58	2 57	1 34	8 40	20 2	1 0	22 41	0 22	1 56	2 3	12 30	0 33	3 10	1 11	22 13	3 10	20 56	21 14	20 41	18 3	5 18			
S 10	4 54	20 9	0n36	8 23	3 5	1 19	8 39	19 54	1 1	22 41	0 22	1 53	2 3	12 30	0 33	3 11	1 11	22 13	3 10	20 56	21 14	20 41	18 3	5 18			
M11	4 31	17 25	1 52	8 46	3 13	1 4	8 37	19 45	1 2	22 41	0 22	1 50	2 3	12 29	0 33	3 12	1 11	22 13	3 10	20 56	21 15	20 40	18 2	5 19			
T 12	4 8	13 34	3 1	9 8	3 20	0 48	8 34	19 36	1 2	22 41	0 22	1 48	2 3	12 29	0 33	3 12	1 11	22 13	3 10	20 57	21 16	20 40	18 2	5 19			
W13	3 45	8 53	3 58	9 27	3 27	0 32	8 30	19 27	1 3	22 41	0 22	1 45	2 3	12 28	0 33	3 13	1 11	22 13	3 10	20 58	21 16	20 39	18 1	5 20			
T 14	3 22	3 45	4 39	9 45	3 34	0 15	8 26	19 18	1 3	22 41	0 22	1 42	2 3	12 28	0 33	3 14	1 11	22 12	3 10	21 0	21 17	20 39	18 1	5 20			
F 15	2 59	1s28	5 1	9 59	3 40	0n 1	8 20	19 9	1 4	22 41	0 22	1 39	2 3	12 27	0 33	3 14	1 11	22 12	3 10	21 2	21 17	20 38	18 0	5 21			
S 16	2 36	6 29	5 5	10 12	3 46	0 18	8 14	18 59	1 5	22 41	0 22	1 36	2 3	12 27	0 33	3 15	1 11	22 12	3 10	21 3	21 18	20 38	18 0	5 21			
S 17	2 13	11 2	4 51	10 21	3 51	0 35	8 7	18 50	1 5	22 41	0 22	1 33	2 3	12 26	0 33	3 16	1 11	22 12	3 11	21 5	21 18	20 37	17 59	5 22			
M18	1 50	14 55	4 23	10 28	3 55	0 51	8 0	18 40	1 6	22 41	0 22	1 30	2 3	12 25	0 33	3 16	1 11	22 12	3 11	21 6	21 19	20 36	17 59	5 22			
T 19	1 27	18 1	3 43	10 31	3 58	1 7	7 51	18 31	1 7	22 41	0 22	1 27	2 3	12 25	0 33	3 17	1 11	22 12	3 11	21 6	21 19	20 36	17 59	5 23			
W20	1 4	20 13	2 53	10 31	4 0	1 23	7 43	18 21	1 7	22 41	0 22	1 24	2 3	12 24	0 33	3 18	1 11	22 12	3 11	21 7	21 20	20 35	17 58	5 23			
T 21	0 40	21 27	1 56	10 28	4 1	1 39	7 33	18 11	1 8	22 41	0 22	1 21	2 3	12 23	0 33	3 18	1 11	22 11	3 11	21 7	21 20	20 35	17 58	5 24			
F 22	0 17	21 42	0 56	10 20	4 0	1 54	7 24	18 1	1 8	22 41	0 22	1 18	2 3	12 23	0 33	3 19	1 11	22 11	3 11	21 7	21 21	20 34	17 57	5 24			
S 23	0s 6	20 59	0s 7	10 9	3 58	2 9	7 14	17 51	1 9	22 41	0 23	1 15	2 4	12 22	0 33	3 20	1 11	22 11	3 11	21 7	21 22	20 33	17 57	5 25			
S 24	0 30	19 20	1 10	9 53	3 55	2 23	7 3	17 41	1 10	22 40	0 23	1 12	2 4	12 22	0 33	3 20	1 11	22 11	3 11	21 7	21 22	20 33	17 56	5 25			
M25	0 53	16 49	2 10	9 33	3 50	2 36	6 52	17 31	1 10	22 40	0 23	1 9	2 4	12 21	0 33	3 21	1 11	22 11	3 12	21 7	21 23	20 32	17 56	5 26			
T 26	1 16	13 34	3 4	9 8	3 43	2 49	6 41	17 21	1 11	22 40	0 23	1 6	2 4	12 20	0 33	3 21	1 11	22 11	3 12	21 8	21 23	20 32	17 55	5 26			
W27	1 39	9 41	3 51	8 40	3 34	3 2	6 30	17 10	1 12	22 40	0 23	1 4	2 4	12 20	0 33	3 22	1 11	22 11	3 12	21 10	21 24	20 31	17 55	5 27			
T 28	2 3	5 20	4 28	8 7	3 24	3 13	6 19	17 0	1 12	22 39	0 23	1 1	2 4	12 19	0 33	3 23	1 11	22 11	3 12	21 12	21 24	20 30	17 54	5 27			
F 29	2 26	0 40	4 52	7 31	3 21	3 24	6 7	16 49	1 13	22 39	0 23	0 58	2 4	12 18	0 33	3 23	1 11	22 11	3 12	21 14	21 25	20 30	17 54	5 28			
S 30	2s49	4n 7	5s 1	6s53	2s57	3n34	5s55	16n39	1n14	22s39	0s23	0n55	2n 4	12n17	0s33	3s24	1s11	22n10	3n12	21n16	21n25	20s29	17n53	5s28			

ASTRODIENST EPHEMERIS for the year 2186
geocentric

OCTOBER 2186

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 57	8♌5'35	5♌49	9♍26	6♍41	18♌25	17♌36	2♌35	3♍R52	24♍R 8	4♌44	23♍R56	23♌9	1♌57	26♌II 9	S 1
M 2	0 43 53	9° 4'28	19°13	8♌18	6°48	19° 2	17°40	2°43	3♌50	24♌7	4°45	23♌46	23° 6	2° 3	26° 9	M 2
T 3	0 47 50	10° 3'23	2♌II46	7°13	6°57	19°38	17°43	2°50	3°47	24° 5	4°46	23°39	23° 3	2°10	26° 9	T 3
W 4	0 51 46	11° 2'21	16°29	6°11	7° 9	20°15	17°47	2°58	3°45	24° 4	4°46	23°35	22°59	2°17	26°R 9	W 4
T 5	0 55 43	12° 1'20	0♌21	5°14	7°22	20°51	17°51	3° 5	3°43	24° 2	4°47	23°33	22°56	2°23	26° 9	T 5
F 6	0 59 39	13° 0'23	14°20	4°24	7°38	21°28	17°55	3°13	3°41	24° 1	4°48	23°D32	22°53	2°30	26° 9	F 6
S 7	1 3 36	13°59'27	28°27	3°42	7°55	22° 4	18° 0	3°20	3°38	23°59	4°49	23°R32	22°50	2°37	26° 8	S 7
S 8	1 7 32	14°58'34	12♌41	3° 9	8°15	22°40	18° 4	3°27	3°36	23°58	4°50	23°31	22°47	2°43	26° 8	S 8
M 9	1 11 29	15°57'43	27° 0	2°46	8°36	23°16	18° 9	3°35	3°34	23°56	4°50	23°28	22°44	2°50	26° 8	M 9
T 10	1 15 26	16°56'54	11♌21	2°34	8°59	23°52	18°14	3°42	3°32	23°55	4°51	23°23	22°40	2°57	26° 7	T 10
W11	1 19 22	17°56'08	25°39	2°D32	9°24	24°28	18°19	3°49	3°29	23°53	4°52	23°14	22°37	3° 3	26° 7	W11
T 12	1 23 19	18°55'23	9♌50	2°41	9°51	25° 4	18°24	3°57	3°27	23°52	4°52	23° 3	22°34	3°10	26° 6	T 12
F 13	1 27 15	19°54'41	23°48	3° 1	10°19	25°40	18°30	4° 4	3°25	23°50	4°53	22°50	22°31	3°16	26° 6	F 13
S 14	1 31 12	20°54'01	7♌27	3°30	10°49	26°16	18°36	4°11	3°22	23°49	4°53	22°38	22°28	3°23	26° 5	S 14
S 15	1 35 8	21°53'22	20°46	4° 9	11°20	26°52	18°41	4°18	3°20	23°47	4°54	22°26	22°25	3°30	26° 4	S 15
M16	1 39 5	22°52'46	3♌42	4°56	11°53	27°27	18°47	4°26	3°17	23°46	4°54	22°17	22°21	3°36	26° 3	M16
T 17	1 43 1	23°52'11	16°18	5°51	12°27	28° 3	18°53	4°33	3°15	23°44	4°55	22°11	22°18	3°43	26° 2	T 17
W18	1 46 58	24°51'39	28°34	6°53	13° 3	28°38	19° 0	4°40	3°13	23°43	4°55	22° 7	22°15	3°50	26° 1	W18
T 19	1 50 55	25°51'08	10♌36	8° 2	13°39	29°14	19° 6	4°47	3°10	23°42	4°56	22° 5	22°12	3°56	26° 0	T 19
F 20	1 54 51	26°50'39	22°28	9°16	14°18	29°49	19°13	4°54	3° 8	23°40	4°56	22° 5	22° 9	4° 3	25°59	F 20
S 21	1 58 48	27°50'12	4♌16	10°35	14°57	0♌24	19°19	5° 1	3° 5	23°39	4°57	22° 5	22° 5	4°10	25°57	S 21
S 22	2 2 44	28°49'46	16° 6	11°59	15°38	1° 0	19°26	5° 8	3° 3	23°38	4°57	22° 4	22° 2	4°16	25°56	S 22
M23	2 6 41	29°49'22	28° 2	13°25	16°19	1°35	19°33	5°15	3° 0	23°37	4°58	22° 1	21°59	4°23	25°55	M23
T 24	2 10 37	0♌49'00	10♌II46	14°55	17° 2	2°10	19°40	5°22	2°58	23°35	4°58	21°56	21°56	4°30	25°53	T 24
W25	2 14 34	1°48'39	22°33	16°27	17°46	2°45	19°48	5°29	2°55	23°34	4°58	21°48	21°53	4°36	25°52	W25
T 26	2 18 30	2°48'21	5♌15	18° 1	18°30	3°19	19°55	5°36	2°53	23°33	4°58	21°37	21°50	4°43	25°50	T 26
F 27	2 22 27	3°48'04	18°15	19°37	19°16	3°54	20° 3	5°43	2°51	23°32	4°59	21°25	21°46	4°49	25°48	F 27
S 28	2 26 23	4°47'49	1♌34	21°14	20° 3	4°29	20°11	5°50	2°48	23°31	4°59	21°12	21°43	4°56	25°46	S 28
S 29	2 30 20	5°47'36	15°10	22°51	20°51	5° 3	20°18	5°57	2°46	23°29	4°59	21° 0	21°40	5° 3	25°45	S 29
M30	2 34 17	6°47'25	28°59	24°30	21°39	5°38	20°26	6° 4	2°43	23°28	4°59	20°50	21°37	5° 9	25°43	M30
T 31	2 38 13	7♌47'17	12♌II58	26♌9	22♌29	6♌12	20♌35	6♌10	2♌41	23♌27	4♌59	20♌43	21♌34	5♌16	25♌II41	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	3s12	8n48	4s55	6s11	2s40	3n43	5s43	16n28	1n14	22s38	0s23	0n52	2n 4	12n17	0s33	3s25
M 2	3 36	13 8	4 33	5 29	2 23	3 52	5 32	16 17	1 15	22 38	0 23	0 49	2 4	12 16	0 33	3 25
T 3	3 59	16 51	3 55	4 46	2 4	4 0	5 20	16 6	1 15	22 37	0 23	0 46	2 4	12 15	0 33	3 26
W 4	4 22	19 42	3 3	4 3	1 44	4 6	5 8	15 55	1 16	22 37	0 23	0 43	2 4	12 14	0 33	3 27
T 5	4 45	21 25	2 0	3 22	1 24	4 13	4 56	15 44	1 17	22 36	0 23	0 40	2 4	12 14	0 33	3 27
F 6	5 8	21 50	0 49	2 43	1 4	4 18	4 44	15 33	1 17	22 36	0 23	0 37	2 4	12 13	0 33	3 28
S 7	5 31	20 52	0n26	2 8	0 43	4 22	4 33	15 22	1 18	22 35	0 23	0 35	2 4	12 12	0 33	3 28
S 8	5 54	18 35	1 39	1 37	0 23	4 26	4 21	15 11	1 19	22 35	0 23	0 32	2 4	12 11	0 33	3 29
M 9	6 16	15 7	2 47	1 10	0 4	4 29	4 10	15 0	1 19	22 34	0 23	0 29	2 4	12 11	0 33	3 30
T 10	6 39	10 45	3 44	0 49	0n14	4 31	3 58	14 48	1 20	22 33	0 23	0 26	2 4	12 10	0 33	3 30
W11	7 2	5 48	4 27	0 32	0 31	4 32	3 47	14 37	1 20	22 33	0 23	0 23	2 5	12 9	0 33	3 31
T 12	7 24	0 36	4 53	0 22	0 46	4 32	3 36	14 25	1 21	22 32	0 23	0 20	2 5	12 8	0 33	3 31
F 13	7 47	4s34	5 0	0 17	1 0	4 32	3 25	14 14	1 22	22 31	0 23	0 18	2 5	12 7	0 33	3 32
S 14	8 9	9 24	4 51	0 17	1 13	4 31	3 14	14 2	1 22	22 31	0 23	0 15	2 5	12 7	0 33	3 32
S 15	8 31	13 40	4 25	0 22	1 24	4 29	3 3	13 51	1 23	22 30	0 23	0 12	2 5	12 6	0 33	3 33
M16	8 53	17 10	3 46	0 32	1 33	4 26	2 53	13 39	1 24	22 29	0 24	0 9	2 5	12 5	0 33	3 34
T 17	9 15	19 46	2 57	0 46	1 41	4 23	2 42	13 27	1 24	22 28	0 24	0 7	2 5	12 4	0 33	3 34
W18	9 37	21 23	2 1	1 5	1 48	4 19	2 32	13 16	1 25	22 28	0 24	0 4	2 5	12 3	0 33	3 35
T 19	9 59	21 59	1 1	1 27	1 53	4 14	2 22	13 4	1 26	22 27	0 24	0 1	2 5	12 3	0 33	3 35
F 20	10 20	21 35	0s 2	1 52	1 57	4 9	2 12	12 52	1 26	22 26	0 24	0s 2	2 5	12 2	0 33	3 36
S 21	10 42	20 13	1 4	2 21	2 0	4 3	2 2	12 40	1 27	22 25	0 24	0 4	2 6	12 1	0 33	3 36
S 22	11 3	17 58	2 4	2 52	2 2	3 56	1 53	12 28	1 28	22 24	0 24	0 7	2 6	12 0	0 33	3 37
M23	11 24	14 56	2 58	3 24	2 3	3 48	1 43	12 17	1 28	22 23	0 24	0 10	2 6	11 59	0 33	3 37
T 24	11 45	11 14	3 46	3 59	2 3	3 40	1 34	12 5	1 29	22 22	0 24	0 12	2 6	11 58	0 33	3 38
W25	12 5	6 59	4 23	4 35	2 2	3 32	1 25	11 53	1 29	22 21	0 24	0 15	2 6	11 58	0 33	3 38
T 26	12 26	2 21	4 49	5 13	2 0	3 22	1 16	11 41	1 30	22 20	0 24	0 18	2 6	11 57	0 33	3 39
F 27	12 46	2n31	5 1	5 51	1 57	3 12	1 7	11 29	1 31	22 19	0 24	0 20	2 6	11 56	0 33	3 39
S 28	13 6	7 22	4 56	6 30	1 54	3 2	0 59	11 17	1 31	22 18	0 24	0 23	2 6	11 55	0 33	3 39
S 29	13 26	11 59	4 35	7 10	1 51	2 51	0 51	11 5	1 32	22 17	0 24	0 25	2 7	11 54	0 33	3 40
M30	13 46	16 3	3 58	7 50	1 47	2 39	0 42	10 52	1 33	22 15	0 24	0 28	2 7	11 53	0 33	3 40
T 31	14s 6	19n16	3s 6	8s30	1n42	2n27	0s35	10n40	1n33	22s14	0s24	0s31	2n 7	11n53	0s33	3s41

Julian Day Number = 2519753.5, Delta T = 150.60 sec
Ecliptic obliquity = 23°24'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'00, Lahiri = 26°28'00

ASTRODIENST EPHEMERIS for the year 2186
geocentric

NOVEMBER 2186

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 42 10	8♈47'10	27♈ 3	27♈49	23♈19	6♈47	20♈343	6♈17	2°R38	23°R26	5♈ 0	20°R38	21♈30	5♈23	25°R39	W 1
T 2	2 46 6	9°47'06	11♈10	29°28	24°10	7°21	20°51	6°24	2♈36	23°R25	5° 0	20♈36	21°27	5°29	25♈37	T 2
F 3	2 50 3	10°47'04	25°18	1♈ 8	25° 2	7°55	21° 0	6°30	2°33	23°24	5° 0	20°D36	21°24	5°36	25°34	F 3
S 4	2 53 59	11°47'03	9♈25	2°48	25°54	8°29	21° 9	6°37	2°31	23°23	5° 0	20°R36	21°21	5°43	25°32	S 4
S 5	2 57 56	12°47'06	23°29	4°27	26°47	9° 3	21°18	6°44	2°29	23°22	5°R 0	20°36	21°18	5°49	25°30	S 5
M 6	3 1 53	13°47'10	7♈32	6° 7	27°41	9°37	21°27	6°50	2°26	23°21	5° 0	20°34	21°15	5°56	25°28	M 6
T 7	3 5 49	14°47'16	21°30	7°46	28°36	10°11	21°36	6°56	2°24	23°20	5° 0	20°29	21°11	6° 3	25°25	T 7
W 8	3 9 46	15°47'24	5♈22	9°25	29°31	10°44	21°45	7° 3	2°21	23°20	5° 0	20°21	21° 8	6° 9	25°23	W 8
T 9	3 13 42	16°47'35	19° 6	11° 4	0♈27	11°18	21°54	7° 9	2°19	23°19	5° 0	20°12	21° 5	6°16	25°20	T 9
F 10	3 17 39	17°47'47	2♈39	12°42	1°23	11°51	22° 4	7°15	2°17	23°18	4°59	20° 1	21° 2	6°23	25°17	F 10
S 11	3 21 35	18°48'01	15°57	14°20	2°20	12°25	22°13	7°22	2°14	23°17	4°59	19°50	20°59	6°29	25°15	S 11
S 12	3 25 32	19°48'17	29° 0	15°58	3°17	12°58	22°23	7°28	2°12	23°16	4°59	19°40	20°56	6°36	25°12	S 12
M13	3 29 28	20°48'35	11♈45	17°35	4°15	13°31	22°33	7°34	2°10	23°16	4°59	19°31	20°52	6°43	25° 9	M13
T 14	3 33 25	21°48'55	24°13	19°12	5°14	14° 4	22°43	7°40	2° 8	23°15	4°59	19°26	20°49	6°49	25° 7	T 14
W15	3 37 22	22°49'16	6♈25	20°49	6°13	14°37	22°53	7°46	2° 5	23°14	4°59	19°22	20°46	6°56	25° 4	W15
T 16	3 41 18	23°49'38	18°26	22°25	7°12	15°10	23° 3	7°52	2° 3	23°14	4°58	19°D21	20°43	7° 2	25° 1	T 16
F 17	3 45 15	24°50'02	0♈17	24° 1	8°12	15°42	23°14	7°58	2° 1	23°13	4°58	19°22	20°40	7° 9	24°58	F 17
S 18	3 49 11	25°50'27	12° 5	25°37	9°13	16°15	23°24	8° 4	1°59	23°13	4°58	19°23	20°36	7°16	24°55	S 18
S 19	3 53 8	26°50'54	23°54	27°13	10°14	16°47	23°35	8°10	1°56	23°12	4°57	19°R24	20°33	7°22	24°52	S 19
M20	3 57 4	27°51'22	5♈50	28°48	11°15	17°20	23°45	8°15	1°54	23°12	4°57	19°24	20°30	7°29	24°49	M20
T 21	4 1 1	28°51'51	17°57	0♈23	12°16	17°52	23°56	8°21	1°52	23°11	4°57	19°21	20°27	7°36	24°45	T 21
W22	4 4 57	29°52'22	0♈22	1°58	13°18	18°24	24° 7	8°26	1°50	23°11	4°56	19°17	20°24	7°42	24°42	W22
T 23	4 8 54	0♈52'53	13° 7	3°32	14°21	18°56	24°18	8°32	1°48	23°10	4°56	19°11	20°21	7°49	24°39	T 23
F 24	4 12 50	1°53'26	26°15	5° 6	15°24	19°28	24°29	8°37	1°46	23°10	4°55	19° 3	20°17	7°56	24°36	F 24
S 25	4 16 47	2°54'01	9♈47	6°40	16°27	20° 0	24°40	8°43	1°44	23°10	4°55	18°55	20°14	8° 2	24°32	S 25
S 26	4 20 44	3°54'37	23°41	8°14	17°30	20°31	24°51	8°48	1°42	23° 9	4°54	18°47	20°11	8° 9	24°29	S 26
M27	4 24 40	4°55'14	7♈53	9°48	18°34	21° 3	25° 2	8°53	1°40	23° 9	4°54	18°41	20° 8	8°16	24°26	M27
T 28	4 28 37	5°55'52	22°18	11°22	19°38	21°34	25°14	8°58	1°38	23° 9	4°53	18°36	20° 5	8°22	24°22	T 28
W29	4 32 33	6°56'33	6♈50	12°55	20°43	22° 5	25°25	9° 4	1°36	23° 9	4°52	18°34	20° 2	8°29	24°19	W29
T 30	4 36 30	7♈57'14	21♈24	14♈28	21♈47	22♈36	25♈37	9♈ 9	1♈34	23♈ 8	4♈52	18°D33	19♈58	8♈36	24♈15	T 30

Day	☉		☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s25	21n21	2s 2	9s10	1n38	2n15	0s27	10n28	1n34	22s13	0s24	0s33	2n 7	11n52	0s33	3s41	1s11	22n11	3n17	21n50	21n42	20s 6	17n37	5s44			
T 2	14 44	22 7	0 50	9 50	1 32	2 1	0 19	10 16	1 35	22 12	0 24	0 36	2 7	11 51	0 33	3 41	1 11	22 11	3 17	21 50	21 42	20 5	17 36	5 44			
F 3	15 3	21 28	0n25	10 30	1 27	1 48	0 12	10 4	1 35	22 10	0 24	0 38	2 7	11 50	0 33	3 42	1 11	22 11	3 17	21 50	21 43	20 5	17 36	5 45			
S 4	15 21	19 28	1 38	11 9	1 21	1 34	0 5	9 52	1 36	22 9	0 24	0 40	2 7	11 49	0 33	3 42	1 11	22 11	3 18	21 50	21 43	20 4	17 35	5 45			
S 5	15 40	16 17	2 46	11 49	1 15	1 19	0n 3	9 40	1 37	22 8	0 24	0 43	2 8	11 49	0 33	3 43	1 11	22 12	3 18	21 50	21 44	20 3	17 35	5 45			
M 6	15 58	12 11	3 43	12 27	1 9	1 4	0 9	9 28	1 37	22 6	0 24	0 45	2 8	11 48	0 33	3 43	1 10	22 12	3 18	21 51	21 44	20 2	17 34	5 46			
T 7	16 15	7 26	4 26	13 6	1 3	0 48	0 16	9 16	1 38	22 5	0 24	0 48	2 8	11 47	0 33	3 43	1 10	22 12	3 18	21 51	21 45	20 1	17 34	5 46			
W 8	16 33	2 21	4 53	13 43	0 57	0 32	0 23	9 3	1 39	22 4	0 24	0 50	2 8	11 46	0 33	3 44	1 10	22 12	3 18	21 52	21 45	20 1	17 34	5 47			
T 9	16 50	2s47	5 3	14 20	0 50	0 16	0 29	8 51	1 40	22 2	0 24	0 52	2 8	11 45	0 33	3 44	1 10	22 12	3 18	21 54	21 46	20 0	17 33	5 47			
F 10	17 7	7 44	4 56	14 57	0 43	0s 1	0 35	8 39	1 40	22 1	0 24	0 55	2 8	11 45	0 33	3 44	1 10	22 12	3 18	21 55	21 46	19 59	17 33	5 47			
S 11	17 24	12 14	4 33	15 32	0 37	0 18	0 41	8 27	1 41	21 59	0 24	0 57	2 9	11 44	0 33	3 44	1 10	22 13	3 19	21 57	21 47	19 58	17 32	5 48			
S 12	17 40	16 5	3 56	16 7	0 30	0 35	0 47	8 15	1 42	21 58	0 25	0 59	2 9	11 43	0 33	3 45	1 10	22 13	3 19	21 59	21 47	19 57	17 32	5 48			
M13	17 56	19 5	3 7	16 41	0 23	0 53	0 53	8 3	1 42	21 56	0 25	1 2	2 9	11 42	0 33	3 45	1 10	22 13	3 19	22 0	21 48	19 56	17 31	5 49			
T 14	18 12	21 7	2 11	17 15	0 16	1 11	0 58	7 51	1 43	21 54	0 25	1 4	2 9	11 41	0 32	3 45	1 10	22 13	3 19	22 1	21 48	19 55	17 31	5 49			
W15	18 27	22 7	1 9	17 47	0 10	1 30	1 3	7 39	1 44	21 53	0 25	1 6	2 9	11 41	0 32	3 45	1 10	22 13	3 19	22 1	21 49	19 55	17 30	5 49			
T 16	18 43	22 4	0 5	18 19	0 3	1 48	1 9	7 27	1 44	21 51	0 25	1 8	2 9	11 40	0 32	3 46	1 10	22 14	3 19	22 1	21 49	19 54	17 30	5 50			
F 17	18 57	21 1	0s59	18 49	0s 4	2 7	1 14	7 15	1 45	21 49	0 25	1 10	2 10	11 39	0 32	3 46	1 10	22 14	3 20	22 1	21 50	19 53	17 29	5 50			
S 18	19 12	19 4	1 59	19 19	0 11	2 27	1 18	7 3	1 46	21 48	0 25	1 12	2 10	11 38	0 32	3 46	1 10	22 14	3 20	22 1	21 50	19 52	17 29	5 50			
S 19	19 26	16 18	2 55	19 48	0 17	2 46	1 23	6 51	1 46	21 46	0 25	1 14	2 10	11 38	0 32	3 46	1 10	22 14	3 20	22 1	21 51	19 51	17 28	5 51			
M20	19 40	12 50	3 44	20 16	0 24	3 6	1 27	6 39	1 47	21 44	0 25	1 17	2 10	11 37	0 32	3 46	1 10	22 15	3 20	22 1	21 51	19 50	17 28	5 51			
T 21	19 53	8 48	4 23	20 42	0 30	3 26	1 32	6 27	1 48	21 42	0 25	1 19	2 10	11 36	0 32	3 47	1 10	22 15	3 20	22 1	21 52	19 49	17 28	5 51			
W22	20 6	4 19	4 52	21 8	0 37	3 46	1 36	6 15	1 49	21 41	0 25	1 21	2 11	11 36	0 32	3 47	1 10	22 15	3 20	22 2	21 52	19 48	17 27	5 52			
T 23	20 19	0n28	5 6	21 33	0 43	4 7	1 40	6 3	1 49	21 39	0 25	1 23	2 11	11 35	0 32	3 47	1 10	22 15	3 20	22 3	21 53	19 47	17 27	5 52			
F 24	20 31	5 22	5 6	21 56	0 50	4 27	1 44	5 51	1 50	21 37	0 25	1 25	2 11	11 34	0 32	3 47	1 10	22 16	3 21	22 4	21 53	19 47	17 26	5 52			
S 25	20 43	10 10	4 48	22 19	0 56	4 48	1 47	5 39	1 51	21 35	0 25	1 26	2 11	11 34	0 32	3 47	1 10	22 16	3 21	22 5	21 53	19 46	17 26	5 52			
S 26	20 55	14 35	4 13	22 40	1 2	5 9	1 51	5 28	1 51	21 33	0 25	1 28	2 11	11 33	0 32	3 47	1 10	22 16	3 21	22 6	21 54	19 45	17 26	5 53			
M27	21 6	18 16	3 22	23 1	1 8	5 30	1 54	5 16	1 52	21 31	0 25	1 30	2 12	11 32	0 32	3 47	1 10	22 16	3 21	22 7	21 54	19 44	17 25	5 53			
T 28	21 16	20 54	2 18	23 20	1 13	5 52	1 58	5 4	1 53	21 29	0 25	1 32	2 12	11 32	0 32	3 47	1 10	22 17	3 21	22 7	21 55	19 43	17 25	5 53			
W29	21 27	22 11	1 3	23 38	1 19	6 13	2 1	4 53	1 54	21 27	0 25	1 34	2 12	11 31	0 32	3 47	1 10	22 17	3 21	22 8	21 55	19 42	17 24	5 53			
T 30	21s37	21n58	0n15	23s54	1s24	6s34	2n 4	4n41	1n54	21s25	0s25	1s36	2n12	11n30	0s32	3s47	1s10	22n17	3n21	22n 8	21n56	19s41	17n24	5s54			

ASTRODIENST EPHEMERIS for the year 2186
geocentric

DECEMBER 2186

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 40 26	8♂57'57	5♂53	16♂ 2	22♂52	23♂ 7	25♂48	9♂14	1♂R33	23♂R 8	4♂R51	18♂34	19♂55	8♂42	24♂R12	F 1
S 2	4 44 23	9°58'42	20°14	17°35	23°58	23°38	26° 0	9°18	1♂31	23♂R 8	4♂51	18°36	19°52	8°49	24♂II 8	S 2
S 3	4 48 20	10°59'28	4♂24	19° 8	25° 3	24° 8	26°12	9°23	1°29	23° 8	4°50	18°R37	19°49	8°56	24° 5	S 3
M 4	4 52 16	12° 0'16	18°22	20°41	26° 9	24°39	26°24	9°28	1°27	23°D 8	4°49	18°37	19°46	9° 2	24° 1	M 4
T 5	4 56 13	13° 1'05	2♂ 8	22°14	27°16	25° 9	26°36	9°33	1°26	23° 8	4°48	18°35	19°42	9° 9	23°58	T 5
W 6	5 0 9	14° 1'56	15°41	23°47	28°22	25°39	26°48	9°37	1°24	23° 8	4°48	18°32	19°39	9°16	23°54	W 6
T 7	5 4 6	15° 2'47	29° 2	25°19	29°29	26° 9	27° 0	9°42	1°23	23° 8	4°47	18°27	19°36	9°22	23°51	T 7
F 8	5 8 2	16° 3'41	12♂ 9	26°52	0♂36	26°39	27°13	9°46	1°21	23° 8	4°46	18°22	19°33	9°29	23°47	F 8
S 9	5 11 59	17° 4'35	25° 3	28°24	1°43	27° 8	27°25	9°50	1°19	23° 8	4°45	18°16	19°30	9°35	23°43	S 9
S 10	5 15 55	18° 5'31	7♂44	29°57	2°50	27°38	27°37	9°54	1°18	23° 9	4°45	18°11	19°27	9°42	23°40	S 10
M 11	5 19 52	19° 6'28	20°13	1♂29	3°58	28° 7	27°50	9°59	1°17	23° 9	4°44	18° 7	19°23	9°49	23°36	M 11
T 12	5 23 49	20° 7'26	2♂29	3° 1	5° 5	28°36	28° 2	10° 3	1°15	23° 9	4°43	18° 4	19°20	9°55	23°32	T 12
W 13	5 27 45	21° 8'25	14°34	4°33	6°13	29° 5	28°15	10° 7	1°14	23° 9	4°42	18°D 3	19°17	10° 2	23°28	W 13
T 14	5 31 42	22° 9'24	26°30	6° 5	7°22	29°34	28°28	10°10	1°13	23°10	4°41	18° 3	19°14	10° 9	23°25	T 14
F 15	5 35 38	23°10'24	8♂19	7°36	8°30	0♂ 2	28°40	10°14	1°11	23°10	4°40	18° 5	19°11	10°15	23°21	F 15
S 16	5 39 35	24°11'25	20° 7	9° 7	9°39	0°31	28°53	10°18	1°10	23°10	4°39	18° 6	19° 8	10°22	23°17	S 16
S 17	5 43 31	25°12'26	1♂55	10°38	10°47	0°59	29° 6	10°21	1° 9	23°11	4°38	18° 8	19° 4	10°29	23°14	S 17
M 18	5 47 28	26°13'28	13°49	12° 8	11°56	1°27	29°19	10°25	1° 8	23°11	4°37	18°10	19° 1	10°35	23°10	M 18
T 19	5 51 24	27°14'31	25°55	13°37	13° 5	1°55	29°32	10°28	1° 7	23°12	4°36	18°R10	18°58	10°42	23° 6	T 19
W 20	5 55 21	28°15'33	8♂16	15° 5	14°14	2°22	29°45	10°32	1° 6	23°12	4°35	18°10	18°55	10°49	23° 3	W 20
T 21	5 59 18	29°16'36	20°57	16°33	15°24	2°49	29°58	10°35	1° 5	23°13	4°34	18° 8	18°52	10°55	22°59	T 21
F 22	6 3 14	0♂17'40	4♂ 2	17°59	16°33	3°16	0♂11	10°38	1° 4	23°14	4°33	18° 6	18°48	11° 2	22°55	F 22
S 23	6 7 11	1°18'44	17°34	19°24	17°43	3°43	0°24	10°41	1° 3	23°14	4°32	18° 4	18°45	11° 9	22°52	S 23
S 24	6 11 7	2°19'48	1♂32	20°47	18°53	4°10	0°38	10°44	1° 2	23°15	4°31	18° 2	18°42	11°15	22°48	S 24
M 25	6 15 4	3°20'53	15°54	22° 8	20° 3	4°36	0°51	10°47	1° 1	23°16	4°30	18° 0	18°39	11°22	22°44	M 25
T 26	6 19 0	4°21'58	0♂36	23°27	21°13	5° 3	1° 4	10°49	1° 1	23°16	4°29	17°59	18°36	11°29	22°41	T 26
W 27	6 22 57	5°23'03	15°31	24°44	22°23	5°29	1°18	10°52	1° 0	23°17	4°27	17°D58	18°33	11°35	22°37	W 27
T 28	6 26 53	6°24'09	0♂30	25°56	23°33	5°54	1°31	10°55	0°59	23°18	4°26	17°58	18°29	11°42	22°33	T 28
F 29	6 30 50	7°25'15	15°26	27° 6	24°44	6°20	1°45	10°57	0°59	23°19	4°25	17°59	18°26	11°49	22°30	F 29
S 30	6 34 47	8°26'22	0♂11	28°10	25°55	6°45	1°58	10°59	0°58	23°20	4°24	18° 0	18°23	11°55	22°26	S 30
S 31	6 38 43	9♂27'30	14♂39	29♂10	27♂ 5	7♂10	2♂12	11♂ 2	0♂58	23♂20	4♂23	18♂ 1	18♂20	12♂ 2	22♂II23	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	21s46	20n17	1n33	24s10	1s29	6s56	2n 6	4n30	1n55	21s23	0s25	1s37	2n12	11n30	0s32	3s47
S 2	21 55	17 19	2 44	24 24	1 34	7 17	2 9	4 18	1 56	21 20	0 25	1 39	2 13	11 29	0 32	3 47
S 3	22 4	13 22	3 44	24 37	1 39	7 39	2 11	4 7	1 57	21 18	0 25	1 41	2 13	11 29	0 32	3 47
M 4	22 12	8 44	4 30	24 49	1 44	8 1	2 14	3 55	1 57	21 16	0 25	1 42	2 13	11 28	0 32	3 47
T 5	22 20	3 44	4 59	24 59	1 48	8 22	2 16	3 44	1 58	21 14	0 25	1 44	2 13	11 27	0 32	3 47
W 6	22 28	1s22	5 11	25 8	1 52	8 44	2 18	3 33	1 59	21 12	0 26	1 45	2 14	11 27	0 32	3 47
T 7	22 35	6 20	5 7	25 16	1 56	9 6	2 20	3 22	2 0	21 9	0 26	1 47	2 14	11 26	0 32	3 47
F 8	22 41	10 56	4 46	25 22	2 0	9 28	2 21	3 10	2 0	21 7	0 26	1 48	2 14	11 26	0 32	3 47
S 9	22 47	14 57	4 10	25 27	2 3	9 49	2 23	2 59	2 1	21 5	0 26	1 50	2 14	11 25	0 32	3 47
S 10	22 53	18 14	3 23	25 31	2 6	10 11	2 24	2 48	2 2	21 2	0 26	1 51	2 15	11 25	0 32	3 47
M 11	22 58	20 37	2 27	25 33	2 9	10 32	2 26	2 38	2 3	21 0	0 26	1 53	2 15	11 24	0 32	3 47
T 12	23 3	21 59	1 25	25 34	2 11	10 54	2 27	2 27	2 4	20 57	0 26	1 54	2 15	11 24	0 32	3 47
W 13	23 7	22 18	0 19	25 33	2 13	11 15	2 28	2 16	2 4	20 55	0 26	1 55	2 15	11 24	0 32	3 47
T 14	23 11	21 35	0s46	25 31	2 15	11 36	2 29	2 5	2 5	20 52	0 26	1 57	2 16	11 23	0 32	3 46
F 15	23 14	19 56	1 49	25 27	2 16	11 58	2 30	1 55	2 6	20 50	0 26	1 58	2 16	11 23	0 32	3 46
S 16	23 17	17 25	2 48	25 22	2 17	12 19	2 30	1 44	2 7	20 47	0 26	1 59	2 16	11 22	0 32	3 46
S 17	23 20	14 11	3 39	25 16	2 17	12 39	2 31	1 34	2 8	20 45	0 26	2 0	2 16	11 22	0 32	3 46
M 18	23 22	10 22	4 21	25 8	2 17	13 0	2 31	1 23	2 8	20 42	0 26	2 1	2 17	11 22	0 32	3 46
T 19	23 23	6 6	4 53	24 58	2 16	13 21	2 31	1 13	2 9	20 39	0 26	2 3	2 17	11 21	0 32	3 45
W 20	23 24	1 30	5 11	24 48	2 15	13 41	2 32	1 3	2 10	20 37	0 26	2 4	2 17	11 21	0 32	3 45
T 21	23 25	3n17	5 16	24 35	2 13	14 1	2 32	0 53	2 11	20 34	0 26	2 5	2 17	11 21	0 32	3 45
F 22	23 25	8 5	5 4	24 22	2 10	14 21	2 32	0 43	2 12	20 31	0 26	2 6	2 18	11 20	0 32	3 45
S 23	23 24	12 39	4 35	24 7	2 7	14 40	2 31	0 33	2 13	20 28	0 26	2 6	2 18	11 20	0 32	3 44
S 24	23 24	16 41	3 50	23 50	2 3	15 0	2 31	0 23	2 13	20 26	0 26	2 7	2 18	11 20	0 31	3 44
M 25	23 22	19 52	2 49	23 33	1 59	15 19	2 31	0 14	2 14	20 23	0 27	2 8	2 19	11 20	0 31	3 44
T 26	23 21	21 50	1 35	23 14	1 53	15 38	2 30	0 4	2 15	20 20	0 27	2 9	2 19	11 19	0 31	3 44
W 27	23 18	22 17	0 14	22 55	1 47	15 56	2 30	0s 5	2 16	20 17	0 27	2 10	2 19	11 19	0 31	3 43
T 28	23 16	21 9	1n 9	22 34	1 40	16 14	2 29	0 15	2 17	20 14	0 27	2 11	2 19	11 19	0 31	3 43
F 29	23 12	18 32	2 27	22 13	1 31	16 32	2 28	0 24	2 18	20 11	0 27	2 11	2 20	11 19	0 31	3 42
S 30	23 9	14 44	3 34	21 51	1 22	16 50	2 27	0 33	2 19	20 8	0 27	2 12	2 20	11 19	0 31	3 42
S 31	23s 5	10n 7	4n26	21s28	1s12	17s 7	2n26	0s42	2n19	20s 5	0s27	2s13	2n20	11n18	0s31	3s42

Julian Day Number = 2519814.5, Delta T = 150.75 sec
Ecliptic obliquity = 23°24'50, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°21'08, Lahiri = 26°28'09