



Astrodienst Ephemeris Tables for the year 1818

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 1818
geocentric

JANUARY 1818

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	6 40 10	10♈ 3'07	18♌49	27♈14	22♌55	9°R25	25♌55	2♈ 9	17♌25	24♌37	23♈19	16♈30	15♈ 7	27♌46	17♈38	T 1
F 2	6 44 7	11° 4'18	2♌53	28°41	24°10	9♌15	26° 8	2°14	17°28	24°39	23°20	16°31	15° 4	27°53	17°40	F 2
S 3	6 48 4	12° 5'29	17°15	0♌ 5	25°26	9° 5	26°22	2°20	17°31	24°41	23°20	16°R32	15° 1	28° 0	17°42	S 3
S 4	6 52 0	13° 6'40	1♌53	1°27	26°41	8°57	26°35	2°25	17°35	24°43	23°21	16°31	14°58	28° 6	17°44	S 4
M 5	6 55 57	14° 7'51	16°40	2°45	27°56	8°50	26°49	2°31	17°38	24°45	23°22	16°27	14°55	28°13	17°46	M 5
T 6	6 59 53	15° 9'02	1♈32	4° 0	29°11	8°43	27° 2	2°36	17°42	24°48	23°22	16°21	14°52	28°20	17°48	T 6
W 7	7 3 50	16°10'13	16°20	5°10	0♈27	8°37	27°16	2°42	17°45	24°50	23°23	16°13	14°48	28°26	17°50	W 7
T 8	7 7 46	17°11'24	0♌56	6°15	1°42	8°32	27°29	2°48	17°48	24°52	23°24	16° 3	14°45	28°33	17°52	T 8
F 9	7 11 43	18°12'35	15°11	7°14	2°57	8°28	27°42	2°54	17°52	24°54	23°25	15°52	14°42	28°40	17°54	F 9
S 10	7 15 39	19°13'44	29° 2	8° 7	4°13	8°24	27°55	3° 0	17°55	24°56	23°25	15°42	14°39	28°46	17°57	S 10
S 11	7 19 36	20°14'54	12♈25	8°52	5°28	8°22	28° 9	3° 6	17°58	24°58	23°26	15°34	14°36	28°53	17°59	S 11
M12	7 23 33	21°16'02	25°22	9°28	6°43	8°20	28°22	3°12	18° 1	25° 0	23°27	15°29	14°32	29° 0	18° 1	M12
T 13	7 27 29	22°17'10	7°V55	9°55	7°59	8°19	28°35	3°18	18° 5	25° 2	23°28	15°26	14°29	29° 6	18° 4	T 13
W14	7 31 26	23°18'17	20° 9	10°12	9°14	8°D19	28°48	3°24	18° 8	25° 4	23°29	15°D24	14°26	29°13	18° 6	W14
T 15	7 35 22	24°19'24	2♈ 7	10°R18	10°29	8°19	29° 1	3°30	18°11	25° 6	23°30	15°25	14°23	29°19	18° 9	T 15
F 16	7 39 19	25°20'29	13°57	10°13	11°45	8°21	29°14	3°36	18°14	25° 8	23°30	15°R25	14°20	29°26	18°11	F 16
S 17	7 43 15	26°21'34	25°44	9°56	13° 0	8°23	29°27	3°43	18°17	25°10	23°31	15°24	14°17	29°33	18°14	S 17
S 18	7 47 12	27°22'38	7♌32	9°27	14°15	8°26	29°40	3°49	18°20	25°12	23°32	15°22	14°13	29°39	18°16	S 18
M19	7 51 8	28°23'42	19°27	8°47	15°30	8°29	29°53	3°55	18°23	25°14	23°33	15°17	14°10	29°46	18°19	M19
T 20	7 55 5	29°24'44	1♈31	7°57	16°46	8°33	0♈ 6	4° 2	18°26	25°16	23°34	15° 9	14° 7	29°53	18°22	T 20
W21	7 59 2	0♌25'45	13°47	6°58	18° 1	8°38	0°18	4° 8	18°29	25°18	23°35	14°59	14° 4	29°59	18°24	W21
T 22	8 2 58	1°26'46	26°17	5°51	19°16	8°44	0°31	4°15	18°32	25°20	23°36	14°46	14° 1	0♌ 6	18°27	T 22
F 23	8 6 55	2°27'46	9♌ 1	4°39	20°31	8°50	0°44	4°21	18°35	25°22	23°37	14°33	13°58	0°13	18°30	F 23
S 24	8 10 51	3°28'45	21°58	3°24	21°47	8°57	0°56	4°28	18°38	25°24	23°38	14°19	13°54	0°19	18°33	S 24
S 25	8 14 48	4°29'43	5♌ 8	2° 8	23° 2	9° 5	1° 9	4°35	18°41	25°26	23°39	14° 7	13°51	0°26	18°36	S 25
M26	8 18 44	5°30'40	18°28	0°53	24°17	9°13	1°22	4°41	18°43	25°28	23°40	13°58	13°48	0°33	18°38	M26
T 27	8 22 41	6°31'37	1♌58	29♈42	25°32	9°22	1°34	4°48	18°46	25°30	23°42	13°51	13°45	0°39	18°41	T 27
W28	8 26 37	7°32'33	15°38	28°36	26°48	9°32	1°46	4°55	18°49	25°32	23°43	13°47	13°42	0°46	18°44	W28
T 29	8 30 34	8°33'28	29°27	27°36	28° 3	9°42	1°59	5° 2	18°52	25°33	23°44	13°46	13°38	0°53	18°47	T 29
F 30	8 34 31	9°34'22	13♌25	26°44	29°18	9°53	2°11	5° 9	18°54	25°35	23°45	13°46	13°35	0°59	18°50	F 30
S 31	8 38 27	10°35'16	27♌32	25♈59	0♌33	10♌ 4	2♈23	5♈15	18♌57	25♌37	23♈46	13♈46	13♈32	1♌ 6	18♈53	S 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 5	5s10	2n23	22s31	1s49	22s52	0n25	24n45	2n53	23s 7	0n18	12s16	1s39	22s55	0s 2	22s 7	1n14	17s 3	15s44	16n47	16n23	20n47	1s 2	4n12
F 2	23 0	11 21	1 13	22 7	1 43	22 58	0 22	24 43	2 54	23 7	0 17	12 14	1 39	22 55	0 2	22 7	1 14	17 3	15 44	16 48	16 22	20 49	1 1	4 11
S 3	22 55	17 4	0s 4	21 43	1 36	23 3	0 20	24 42	2 54	23 7	0 17	12 12	1 39	22 55	0 2	22 7	1 14	17 2	15 43	16 48	16 21	20 52	1 1	4 11
S 4	22 49	21 53	1 21	21 17	1 28	23 8	0 17	24 41	2 54	23 8	0 17	12 10	1 39	22 55	0 2	22 7	1 14	17 2	15 43	16 47	16 21	20 54	1 0	4 11
M 5	22 43	25 21	2 34	20 51	1 19	23 12	0 15	24 40	2 54	23 8	0 17	12 8	1 39	22 56	0 2	22 7	1 14	17 1	15 43	16 47	16 20	20 56	1 0	4 11
T 6	22 36	27 4	3 37	20 24	1 10	23 15	0 12	24 39	2 55	23 9	0 17	12 6	1 39	22 56	0 2	22 7	1 14	17 1	15 42	16 45	16 19	20 59	0 59	4 10
W 7	22 29	26 50	4 24	19 57	0 59	23 18	0 10	24 38	2 55	23 9	0 17	12 4	1 39	22 56	0 2	22 7	1 14	17 0	15 42	16 42	16 18	21 1	0 59	4 10
T 8	22 21	24 45	4 54	19 30	0 47	23 20	0 7	24 37	2 55	23 9	0 17	12 1	1 39	22 57	0 3	22 8	1 14	17 0	15 42	16 39	16 17	21 3	0 58	4 10
F 9	22 13	21 8	5 4	19 2	0 35	23 21	0 5	24 37	2 55	23 10	0 17	11 59	1 39	22 57	0 3	22 8	1 14	16 59	15 42	16 36	16 16	21 6	0 57	4 10
S 10	22 5	16 26	4 56	18 36	0 21	23 22	0 2	24 36	2 54	23 10	0 17	11 57	1 39	22 57	0 3	22 8	1 14	16 58	15 41	16 34	16 15	21 8	0 57	4 9
S 11	21 56	11 5	4 32	18 10	0 6	23 21	0s 0	24 35	2 54	23 10	0 17	11 55	1 39	22 58	0 3	22 8	1 14	16 58	15 41	16 31	16 14	21 10	0 56	4 9
M12	21 47	5 25	3 54	17 45	0n10	23 20	0 3	24 35	2 54	23 11	0 17	11 53	1 39	22 58	0 3	22 8	1 14	16 57	15 41	16 30	16 13	21 13	0 55	4 9
T 13	21 37	0n18	3 6	17 21	0 26	23 19	0 5	24 35	2 54	23 11	0 17	11 50	1 39	22 58	0 3	22 8	1 14	16 57	15 40	16 29	16 12	21 15	0 55	4 9
W14	21 27	5 52	2 10	17 0	0 44	23 16	0 8	24 34	2 54	23 11	0 17	11 48	1 38	22 59	0 3	22 8	1 14	16 56	15 40	16 28	16 11	21 17	0 54	4 8
T 15	21 16	11 7	1 10	16 41	1 2	23 13	0 10	24 34	2 53	23 11	0 16	11 46	1 38	22 59	0 3	22 8	1 14	16 55	15 40	16 28	16 10	21 20	0 53	4 8
F 16	21 6	15 55	0 8	16 25	1 20	23 9	0 13	24 34	2 53	23 11	0 16	11 43	1 38	22 59	0 3	22 8	1 14	16 55	15 39	16 29	16 9	21 22	0 52	4 8
S 17	20 54	20 6	0n55	16 12	1 39	23 5	0 15	24 34	2 53	23 11	0 16	11 41	1 38	22 59	0 3	22 8	1 14	16 54	15 39	16 28	16 8	21 24	0 52	4 8
S 18	20 42	23 29	1 55	16 1	1 57	23 0	0 18	24 34	2 52	23 12	0 16	11 39	1 38	23 0	0 3	22 8	1 14	16 54	15 39	16 28	16 7	21 26	0 51	4 7
M19	20 30	25 52	2 50	15 55	2 15	22 54	0 20	24 34	2 52	23 12	0 16	11 36	1 38	23 0	0 3	22 8	1 15	16 53	15 39	16 26	16 6	21 29	0 50	4 7
T 20	20 18	27 6	3 39	15 51	2 32	22 47	0 22	24 35	2 52	23 12	0 16	11 34	1 38	23 0	0 3	22 8	1 15	16 52	15 38	16 24	16 6	21 31	0 49	4 7
W21	20 5	27 1	4 18	15 51	2 47	22 40	0 25	24 35	2 51	23 12	0 16	11 32	1 38	23 1	0 3	22 8	1 15	16 52	15 38	16 21	16 5	21 33	0 48	4 7
T 22	19 52	25 35	4 45	15 54	3 1	22 32	0 27	24 36	2 51	23 12	0 16	11 29	1 38	23 1	0 3	22 8	1 15	16 51	15 38	16 17	16 4	21 35	0 47	4 6
F 23	19 38	22 49	4 59	16 0	3 13	22 23	0 29	24 36	2 50	23 12	0 16	11 27	1 38	23 1	0 3	22 8	1 15	16 50	15 38	16 13	16 3	21 38	0 47	4 6
S 24	19 24	18 53	4 58	16 8	3 22	22 13	0 32	24 37	2 50	23 12	0 16	11 24	1 38	23 1	0 3	22 9	1 15	16 50	15 37	16 9	16 2	21 40	0 46	4 6
S 25	19 9	13 59	4 41	16 18	3 29	22 3	0 34	24 37	2 49	23 12	0 16	11 22	1 38	23 2	0 3	22 9	1 15	16 49	15 37	16 6	16 1	21 42	0 45	4 6
M26	18 55	8 22	4 8	16 30	3 34	21 52	0 36	24 38	2 49	23 12	0 16	11 19	1 38	23 2	0 3	22 9	1 15	16 48	15 37	16 3	16 0	21 44	0 44	4 6
T 27	18 40	2 18	3 22	16 43	3 36	21 41	0 38	24 39	2 48	23 12	0 16	11 17	1 38	23 2	0 3	22 9	1 15	16 48	15 37	16 1	15 59	21 47	0 43	4 5
W28	18 24	3s58	2 23	16 57	3 36	21 29	0 40	24 40	2 48	23 12	0 16	11 14	1 38	23 2	0 3	22 9	1 15	16 47	15 36	16 0	15 58	21 49	0 42	4 5
T 29	18 9	10 7	1 15	17 11	3 33	21 16	0 43	24 41	2 47	23 12	0 15	11 12	1 38	23 3	0 3	22 9	1 15	16 46	15 36	15 59	15 57	21 51	0 41	4 5
F 30	17 52	15 51	0 2	17 25	3 29	21 3	0 45	24 42	2 46	23 11	0 15	11 9	1 38	23 3	0 3	22 9	1 15	16 46	15 36	15 59	15 56	21 53	0 40	4 5
S 31	17s36	20s48	1s12	17s39	3n23	20s49	0s47	24n43	2n46	23s11	0n15	11s 7	1s38	23s 3	0s 3	22s 9	1n15	16s45	15s36	15n59	15n55	21n55	0s39	4n 5

ASTRODIENST EPHEMERIS for the year 1818

geocentric

FEBRUARY 1818

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	8 42 24	11 ³⁶ 09	11 ⁴⁷ 47	25°R24	1 ⁴⁹ 49	10 ¹⁶ 16	2 ³⁵ 35	5 ²² 22	18 ⁵⁹ 59	25 ³⁹ 39	23 ⁴⁷ 47	13°R44	13 ²⁹ 29	1 ¹³ 13	18 ⁵⁷ 57	S 1
M 2	8 46 20	12°37'01	26°10	24 ⁵⁷ 57	3° 4	10°28	2°47	5°29	19° 2	25°40	23°48	13 ³⁹ 39	13°26	1°19	19° 0	M 2
T 3	8 50 17	13°37'53	10 ³⁵ 35	24°38	4°19	10°41	2°59	5°36	19° 5	25°42	23°50	13°32	13°23	1°26	19° 3	T 3
W 4	8 54 13	14°38'43	24°58	24°28	5°34	10°55	3°11	5°43	19° 7	25°44	23°51	13°22	13°19	1°33	19° 6	W 4
T 5	8 58 10	15°39'32	9 ¹² 12	24°D25	6°50	11° 9	3°23	5°50	19° 9	25°45	23°52	13° 9	13°16	1°39	19° 9	T 5
F 6	9 2 7	16°40'20	23°12	24°30	8° 5	11°23	3°35	5°57	19°12	25°47	23°53	12°57	13°13	1°46	19°13	F 6
S 7	9 6 3	17°41'06	6 ⁵³ 53	24°42	9°20	11°38	3°47	6° 4	19°14	25°48	23°55	12°44	13°10	1°52	19°16	S 7
S 8	9 10 0	18°41'51	20°12	25° 0	10°35	11°54	3°58	6°11	19°16	25°50	23°56	12°34	13° 7	1°59	19°19	S 8
M 9	9 13 56	19°42'35	3 ^Υ Υ	25°24	11°50	12°10	4°10	6°19	19°19	25°51	23°57	12°26	13° 4	2° 6	19°22	M 9
T 10	9 17 53	20°43'17	15°42	25°53	13° 6	12°26	4°21	6°26	19°21	25°53	23°59	12°21	13° 0	2°12	19°26	T 10
W11	9 21 49	21°43'57	27°57	26°27	14°21	12°43	4°33	6°33	19°23	25°54	24° 0	12°18	12°57	2°19	19°29	W11
T 12	9 25 46	22°44'36	9 ⁸ 8	27° 6	15°36	13° 0	4°44	6°40	19°25	25°56	24° 1	12°D17	12°54	2°26	19°33	T 12
F 13	9 29 42	23°45'13	21°50	27°50	16°51	13°18	4°55	6°47	19°27	25°57	24° 3	12°R17	12°51	2°32	19°36	F 13
S 14	9 33 39	24°45'48	3 ^{II} 38	28°37	18° 6	13°36	5° 6	6°54	19°29	25°59	24° 4	12°17	12°48	2°39	19°39	S 14
S 15	9 37 35	25°46'21	15°27	29°27	19°21	13°55	5°17	7° 2	19°31	26° 0	24° 5	12°15	12°44	2°46	19°43	S 15
M16	9 41 32	26°46'53	27°24	0 ²¹ 21	20°36	14°14	5°28	7° 9	19°33	26° 1	24° 7	12°11	12°41	2°52	19°46	M16
T 17	9 45 29	27°47'23	9 ³³ 33	1°18	21°52	14°33	5°39	7°16	19°35	26° 3	24° 8	12° 5	12°38	2°59	19°50	T 17
W18	9 49 25	28°47'51	21°57	2°18	23° 7	14°53	5°50	7°23	19°37	26° 4	24° 9	11°56	12°35	3° 6	19°53	W18
T 19	9 53 22	29°48'18	4 ^Ω 38	3°20	24°22	15°13	6° 1	7°31	19°39	26° 5	24°11	11°44	12°32	3°12	19°57	T 19
F 20	9 57 18	0 ⁴⁸ 48	17°38	4°25	25°37	15°34	6°11	7°38	19°41	26° 7	24°12	11°32	12°29	3°19	20° 0	F 20
S 21	10 1 15	1°49'05	0 ⁵⁶ 56	5°32	26°52	15°55	6°22	7°45	19°42	26° 8	24°14	11°20	12°25	3°26	20° 4	S 21
S 22	10 5 11	2°49'26	14°29	6°42	28° 7	16°16	6°32	7°53	19°44	26° 9	24°15	11° 9	12°22	3°32	20° 8	S 22
M23	10 9 8	3°49'45	28°15	7°53	29°22	16°37	6°43	8° 0	19°46	26°10	24°17	11° 0	12°19	3°39	20°11	M23
T 24	10 13 4	4°50'03	12 ¹⁰ 10	9° 6	0 ³⁷ 37	16°59	6°53	8° 7	19°47	26°11	24°18	10°54	12°16	3°46	20°15	T 24
W25	10 17 1	5°50'20	26°11	10°21	1°52	17°21	7° 3	8°15	19°49	26°12	24°19	10°51	12°13	3°52	20°18	W25
T 26	10 20 58	6°50'34	10 ¹⁶ 16	11°37	3° 7	17°44	7°13	8°22	19°50	26°13	24°21	10°D50	12° 9	3°59	20°22	T 26
F 27	10 24 54	7°50'48	24°22	12°55	4°22	18° 6	7°23	8°29	19°51	26°14	24°22	10°51	12° 6	4° 6	20°26	F 27
S 28	10 28 51	8 ⁵¹ 51	8 ²⁹ 29	14 ¹⁵ 15	5 ³⁷ 37	18 ³⁰ 30	7 ³² 32	8 ³⁶ 36	19 ⁵³ 53	26 ¹⁵ 15	24 ²⁴ 24	10°R51	12 ⁸ 8	4 ¹² 12	20 ²⁹ 29	S 28

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	17s19	24s34	2s22	17s53	3n15	20s34	0s49	24n44	2n45	23s11	0n15	11s 4	1s38	23s 3	0s 3	22s 9	1n15	16s44	15s35	15n59	15n54	21n58	0s38	4n 4
M 2	17 2	26 48	3 24	18 6	3 6	20 19	0 51	24 45	2 45	23 11	0 15	11 2	1 38	23 3	0 3	22 9	1 15	16 44	15 35	15 57	15 53	22 0	0 37	4 4
T 3	16 45	27 14	4 13	18 19	2 57	20 3	0 53	24 47	2 44	23 11	0 15	10 59	1 38	23 4	0 3	22 9	1 15	16 43	15 35	15 55	15 52	22 2	0 36	4 4
W 4	16 27	25 50	4 45	18 31	2 46	19 47	0 54	24 48	2 43	23 11	0 15	10 56	1 38	23 4	0 3	22 9	1 15	16 42	15 35	15 52	15 51	22 4	0 35	4 4
T 5	16 10	22 47	4 59	18 43	2 35	19 30	0 56	24 49	2 43	23 10	0 15	10 54	1 38	23 4	0 3	22 9	1 15	16 42	15 35	15 48	15 50	22 6	0 34	4 4
F 6	15 51	18 26	4 55	18 53	2 24	19 12	0 58	24 51	2 42	23 10	0 15	10 51	1 38	23 4	0 3	22 9	1 15	16 41	15 34	15 44	15 49	22 9	0 33	4 3
S 7	15 33	13 14	4 34	19 2	2 12	18 54	1 0	24 52	2 41	23 10	0 15	10 49	1 38	23 4	0 3	22 9	1 15	16 40	15 34	15 41	15 48	22 11	0 31	4 3
S 8	15 14	7 32	3 59	19 11	2 0	18 35	1 1	24 53	2 41	23 10	0 15	10 46	1 38	23 5	0 3	22 9	1 15	16 40	15 34	15 37	15 47	22 13	0 30	4 3
M 9	14 55	1 41	3 11	19 18	1 48	18 16	1 3	24 55	2 40	23 9	0 15	10 43	1 38	23 5	0 3	22 9	1 15	16 39	15 34	15 35	15 46	22 15	0 29	4 3
T 10	14 36	4n 6	2 16	19 25	1 37	17 56	1 5	24 56	2 39	23 9	0 15	10 41	1 38	23 5	0 3	22 9	1 15	16 38	15 34	15 33	15 46	22 17	0 28	4 3
W11	14 17	9 35	1 15	19 30	1 25	17 36	1 6	24 58	2 39	23 9	0 15	10 38	1 38	23 5	0 3	22 9	1 15	16 38	15 33	15 33	15 45	22 19	0 27	4 3
T 12	13 57	14 38	0 12	19 34	1 13	17 15	1 8	25 0	2 38	23 8	0 15	10 35	1 38	23 5	0 3	22 9	1 15	16 37	15 33	15 32	15 44	22 22	0 26	4 2
F 13	13 37	19 3	0n50	19 37	1 2	16 54	1 9	25 1	2 37	23 8	0 14	10 33	1 38	23 6	0 3	22 9	1 15	16 36	15 33	15 32	15 43	22 24	0 24	4 2
S 14	13 17	22 43	1 51	19 38	0 51	16 32	1 11	25 3	2 36	23 8	0 14	10 30	1 38	23 6	0 3	22 9	1 15	16 36	15 33	15 32	15 42	22 26	0 23	4 2
S 15	12 57	25 26	2 46	19 39	0 39	16 10	1 12	25 4	2 36	23 7	0 14	10 27	1 38	23 6	0 3	22 9	1 15	16 35	15 33	15 32	15 41	22 28	0 22	4 2
M16	12 36	27 1	3 35	19 38	0 29	15 48	1 13	25 6	2 35	23 7	0 14	10 25	1 38	23 6	0 3	22 9	1 15	16 34	15 33	15 31	15 40	22 30	0 21	4 2
T 17	12 15	27 22	4 15	19 36	0 18	15 25	1 14	25 7	2 34	23 6	0 14	10 22	1 38	23 6	0 3	22 9	1 15	16 33	15 32	15 29	15 39	22 32	0 20	4 2
W18	11 54	26 20	4 44	19 32	0 8	15 1	1 16	25 9	2 34	23 6	0 14	10 19	1 38	23 6	0 3	22 9	1 15	16 33	15 32	15 26	15 38	22 34	0 18	4 2
T 19	11 33	23 58	4 59	19 28	0s 2	14 37	1 17	25 11	2 33	23 6	0 14	10 17	1 38	23 7	0 3	22 9	1 15	16 32	15 32	15 22	15 37	22 36	0 17	4 1
F 20	11 12	20 19	5 0	19 22	0 12	14 13	1 18	25 12	2 32	23 5	0 14	10 14	1 38	23 7	0 3	22 9	1 15	16 31	15 32	15 19	15 36	22 39	0 16	4 1
S 21	10 50	15 35	4 44	19 15	0 21	13 48	1 19	25 14	2 31	23 5	0 14	10 11	1 38	23 7	0 3	22 9	1 15	16 31	15 32	15 15	15 35	22 41	0 15	4 1
S 22	10 29	10 0	4 13	19 6	0 30	13 23	1 20	25 15	2 31	23 4	0 14	10 9	1 38	23 7	0 3	22 9	1 15	16 30	15 32	15 11	15 34	22 43	0 13	4 1
M23	10 7	3 51	3 26	18 56	0 38	12 58	1 20	25 17	2 30	23 4	0 14	10 6	1 38	23 7	0 3	22 9	1 15	16 29	15 32	15 9	15 33	22 45	0 12	4 1
T 24	9 45	2s34	2 26	18 45	0 47	12 32	1 21	25 18	2 29	23 4	0 14	10 3	1 38	23 7	0 3	22 9	1 15	16 29	15 32	15 7	15 32	22 47	0 11	4 1
W25	9 23	8 55	1 17	18 33	0 55	12 6	1 22	25 20	2 29	23 3	0 14	10 0	1 38	23 7	0 3	22 9	1 15	16 28	15 32	15 6	15 31	22 49	0 9	4 1
T 26	9 1	14 52	0 3	18 19	1 2	11 40	1 23	25 21	2 28	23 3	0 14	9 58	1 38	23 8	0 3	22 9	1 15	16 27	15 31	15 6	15 30	22 51	0 8	4 1
F 27	8 38	20 2	1s12	18 4	1 10	11 13	1 23	25 22	2 27	23 2	0 13	9 55	1 38	23 8	0 3	22 9	1 15	16 27	15 31	15 6	15 29	22 53	0 7	4 0
S 28	8s16	24s 5	2s22	17s47	1s16	10s46	1s24	25n24	2n26	23s 2	0n13	9s52	1s38	23s 8	0s 3	22s 9	1n16	16s26	15s31	15n 6	15n28	22n55	0s 5	4n 0

Julian Day Number = 2385101.5, Delta T = 16.69 sec

Ecliptic obliquity = 23°27'53, Nutation = - 0°00'10, out-of-bounds declination in red

ASTRODIENST EPHEMERIS for the year 1818

geocentric

MARCH 1818

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 32 47	9♂51'10	22♂35	15♂36	6♂52	18♂53	7♂42	8♂44	19♂54	26♂16	24♂25	10°R50	12♂0	4♂19	20♂33	S 1
M 2	10 36 44	10°51'19	6♂39	16°59	8° 7	19°17	7°52	8°51	19°55	26°17	24°27	10♂47	11°57	4°26	20°37	M 2
T 3	10 40 40	11°51'27	20°40	18°23	9°22	19°40	8° 1	8°58	19°57	26°18	24°28	10°42	11°54	4°32	20°40	T 3
W 4	10 44 37	12°51'33	4♂35	19°48	10°37	20° 5	8°10	9° 6	19°58	26°19	24°30	10°35	11°50	4°39	20°44	W 4
T 5	10 48 33	13°51'37	18°22	21°14	11°52	20°29	8°20	9°13	19°59	26°20	24°31	10°25	11°47	4°45	20°48	T 5
F 6	10 52 30	14°51'39	1♂56	22°42	13° 6	20°54	8°29	9°20	20° 0	26°21	24°33	10°15	11°44	4°52	20°51	F 6
S 7	10 56 27	15°51'40	15°16	24°11	14°21	21°19	8°38	9°28	20° 1	26°21	24°34	10° 6	11°41	4°59	20°55	S 7
S 8	11 0 23	16°51'38	28°19	25°42	15°36	21°44	8°46	9°35	20° 2	26°22	24°36	9°58	11°38	5° 5	20°59	S 8
M 9	11 4 20	17°51'34	11♂4	27°13	16°51	22° 9	8°55	9°42	20° 3	26°23	24°37	9°52	11°35	5°12	21° 2	M 9
T 10	11 8 16	18°51'29	23°32	28°46	18° 6	22°35	9° 4	9°50	20° 4	26°23	24°39	9°48	11°31	5°19	21° 6	T 10
W 11	11 12 13	19°51'21	5♂45	0♂20	19°21	23° 1	9°12	9°57	20° 5	26°24	24°40	9°D46	11°28	5°25	21°10	W 11
T 12	11 16 9	20°51'11	17°45	1°55	20°35	23°27	9°21	10° 4	20° 5	26°25	24°42	9°46	11°25	5°32	21°14	T 12
F 13	11 20 6	21°50'59	29°37	3°31	21°50	23°54	9°29	10°11	20° 6	26°25	24°43	9°48	11°22	5°39	21°17	F 13
S 14	11 24 2	22°50'45	11♂25	5° 9	23° 5	24°20	9°37	10°19	20° 7	26°26	24°45	9°49	11°19	5°45	21°21	S 14
S 15	11 27 59	23°50'29	23°16	6°48	24°20	24°47	9°45	10°26	20° 7	26°26	24°47	9°R50	11°15	5°52	21°25	S 15
M 16	11 31 56	24°50'10	5♂13	8°28	25°35	25°14	9°52	10°33	20° 8	26°27	24°48	9°49	11°12	5°59	21°28	M 16
T 17	11 35 52	25°49'49	17°22	10° 9	26°49	25°41	10° 0	10°40	20° 8	26°27	24°50	9°47	11° 9	6° 5	21°32	T 17
W 18	11 39 49	26°49'26	29°48	11°51	28° 4	26° 8	10° 8	10°47	20° 9	26°28	24°51	9°42	11° 6	6°12	21°36	W 18
T 19	11 43 45	27°49'01	12♂34	13°35	29°19	26°36	10°15	10°54	20° 9	26°28	24°53	9°36	11° 3	6°19	21°40	T 19
F 20	11 47 42	28°48'33	25°42	15°20	0♂33	27° 4	10°22	11° 2	20° 9	26°28	24°54	9°30	11° 0	6°25	21°43	F 20
S 21	11 51 38	29°48'03	9♂13	17° 6	1°48	27°32	10°29	11° 9	20°10	26°29	24°56	9°23	10°56	6°32	21°47	S 21
S 22	11 55 35	0♂47'31	23° 4	18°54	3° 2	28° 0	10°36	11°16	20°10	26°29	24°57	9°17	10°53	6°39	21°51	S 22
M 23	11 59 31	1°46'56	7♂13	20°42	4°17	28°28	10°43	11°23	20°10	26°29	24°59	9°12	10°50	6°45	21°54	M 23
T 24	12 3 28	2°46'20	21°35	22°33	5°32	28°57	10°50	11°30	20°10	26°29	25° 0	9° 9	10°47	6°52	21°58	T 24
W 25	12 7 25	3°45'42	6♂13	24°24	6°46	29°25	10°56	11°37	20°10	26°29	25° 2	9°D 8	10°44	6°59	22° 2	W 25
T 26	12 11 21	4°45'02	20°33	26°17	8° 1	29°54	11° 3	11°44	20°R10	26°30	25° 3	9° 8	10°41	7° 5	22° 5	T 26
F 27	12 15 18	5°44'20	5♂10	28°11	9°15	0♂23	11° 9	11°51	20°10	26°30	25° 5	9° 9	10°37	7°12	22° 9	F 27
S 28	12 19 14	6°43'36	19°21	0♂16	10°30	0°52	11°15	11°58	20°10	26°30	25° 6	9°11	10°34	7°19	22°12	S 28
S 29	12 23 11	7°42'51	3♂31	2° 3	11°44	1°21	11°21	12° 4	20°10	26°30	25° 8	9°R12	10°31	7°25	22°16	S 29
M 30	12 27 7	8°42'04	17°31	4° 1	12°59	1°50	11°26	12°11	20°10	26°R30	25° 9	9°11	10°28	7°32	22°20	M 30
T 31	12 31 4	9°41'15	1♂19	6°10	14°13	2°20	11°32	12°18	20°10	26°R30	25°11	9°10	10°25	7°39	22°23	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	7s53	26s39	3s24	17s30	1s23	10s18	1s24	25n25	2n26	23s 1	0n13	9s50	1s39	23s 8	0s 3	22s 9
M 2	7 30	27 30	4 13	17 11	1 29	9 51	1 25	25 26	2 25	23 1	0 13	9 47	1 39	23 8	0 3	22 9
T 3	7 7	26 35	4 47	16 51	1 35	9 23	1 25	25 28	2 24	23 0	0 13	9 44	1 39	23 8	0 3	22 9
W 4	6 44	24 2	5 3	16 29	1 40	8 55	1 25	25 29	2 24	23 0	0 13	9 42	1 39	23 8	0 3	22 9
T 5	6 21	20 7	5 2	16 6	1 46	8 27	1 26	25 30	2 23	22 59	0 13	9 39	1 39	23 8	0 3	22 9
F 6	5 58	15 12	4 43	15 42	1 50	7 58	1 26	25 31	2 22	22 59	0 13	9 36	1 39	23 8	0 3	22 9
S 7	5 35	9 39	4 10	15 16	1 55	7 29	1 26	25 32	2 21	22 58	0 13	9 33	1 39	23 8	0 3	22 9
S 8	5 12	3 47	3 24	14 50	1 58	7 0	1 26	25 33	2 21	22 58	0 13	9 31	1 39	23 9	0 3	22 9
M 9	4 48	2n 7	2 28	14 22	2 2	6 31	1 26	25 34	2 20	22 57	0 13	9 28	1 39	23 9	0 3	22 9
T 10	4 25	7 49	1 26	13 52	2 5	6 2	1 26	25 35	2 19	22 57	0 13	9 25	1 39	23 9	0 3	22 9
W 11	4 1	13 7	0 22	13 22	2 8	5 32	1 26	25 35	2 19	22 56	0 13	9 23	1 39	23 9	0 3	22 9
T 12	3 38	17 50	0n43	12 50	2 10	5 3	1 26	25 36	2 18	22 56	0 13	9 20	1 39	23 9	0 3	22 9
F 13	3 14	21 48	1 45	12 17	2 12	4 33	1 25	25 37	2 17	22 55	0 12	9 17	1 39	23 9	0 3	22 9
S 14	2 51	24 52	2 43	11 42	2 13	4 3	1 25	25 37	2 17	22 55	0 12	9 15	1 39	23 9	0 3	22 9
S 15	2 27	26 51	3 33	11 7	2 15	3 33	1 25	25 37	2 16	22 54	0 12	9 12	1 40	23 9	0 3	22 9
M 16	2 3	27 37	4 15	10 30	2 15	3 3	1 24	25 38	2 15	22 54	0 12	9 9	1 40	23 9	0 3	22 9
T 17	1 40	27 4	4 46	9 51	2 15	2 33	1 24	25 38	2 15	22 53	0 12	9 7	1 40	23 9	0 3	22 9
W 18	1 16	25 11	5 5	9 12	2 15	2 2	1 23	25 38	2 14	22 53	0 12	9 4	1 40	23 9	0 3	22 9
T 19	0 52	21 59	5 9	8 31	2 14	1 32	1 22	25 38	2 13	22 52	0 12	9 1	1 40	23 9	0 3	22 9
F 20	0 28	17 37	4 57	7 50	2 13	1 2	1 22	25 38	2 12	22 52	0 12	8 59	1 40	23 9	0 3	22 9
S 21	0 5	12 16	4 29	7 7	2 11	0 31	1 21	25 38	2 12	22 51	0 12	8 56	1 40	23 9	0 3	22 9
S 22	0n19	6 11	3 44	6 22	2 9	0 1	1 20	25 38	2 11	22 51	0 12	8 54	1 40	23 9	0 3	22 9
M 23	0 43	0s21	2 45	5 37	2 6	0n30	1 19	25 38	2 10	22 50	0 12	8 51	1 40	23 9	0 3	22 9
T 24	1 6	6 58	1 34	4 51	2 3	1 0	1 18	25 37	2 10	22 50	0 12	8 48	1 40	23 9	0 3	22 9
W 25	1 30	13 17	0 17	4 3	1 59	1 30	1 17	25 37	2 9	22 49	0 12	8 46	1 40	23 9	0 3	22 9
T 26	1 53	18 54	1s 2	3 14	1 55	2 1	1 16	25 36	2 8	22 49	0 12	8 43	1 41	23 9	0 3	22 9
F 27	2 17	23 24	2 17	2 25	1 50	2 31	1 15	25 36	2 8	22 48	0 11	8 41	1 41	23 9	0 3	22 9
S 28	2 40	26 24	3 22	1 34	1 45	3 2	1 14	25 35	2 7	22 48	0 11	8 38	1 41	23 9	0 3	22 9
S 29	3 4	27 40	4 15	0 42	1 39	3 32	1 13	25 34	2 6	22 48	0 11	8 36	1 41	23 9	0 3	22 9
M 30	3 27	27 8	4 51	0n11	1 33	4 2	1 11	25 33	2 6	22 47	0 11	8 33	1 41	23 9	0 3	22 9
T 31	3n51	24s56	5s10	1n 4	1s26	4n32	1s10	25n32	2n 5	22s47	0n11	8s31	1s41	23s 9	0s 3	22s 9

Julian Day Number = 2385129.5, Delta T = 16.69 sec
 Ecliptic obliquity = 23°27'54, Nutation = - 0°00'10, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°12'05, Lahiri = 21°19'05

ASTRODIENST EPHEMERIS for the year 1818
geocentric

APRIL 1818

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 35 0	10°40'25	14°54	8°0	15°28	2°50	11°37	12°25	20°R 9	26°R30	25°12	9°R 7	10°21	7°45	22°27	W 1
T 2	12 38 57	11°39'32	28°16	10° 2	16°42	3°19	11°43	12°32	20°R 9	26°R29	25°14	9°R 3	10°18	7°52	22°30	T 2
F 3	12 42 54	12°38'38	11°25	12° 4	17°56	3°49	11°48	12°38	20° 8	26°29	25°15	8°59	10°15	7°59	22°34	F 3
S 4	12 46 50	13°37'42	24°21	14° 8	19°11	4°19	11°53	12°45	20° 8	26°29	25°17	8°55	10°12	8° 5	22°37	S 4
S 5	12 50 47	14°36'44	7°Y 2	16°12	20°25	4°50	11°57	12°52	20° 7	26°29	25°18	8°51	10° 9	8°12	22°41	S 5
M 6	12 54 43	15°35'43	19°31	18°17	21°40	5°20	12° 2	12°58	20° 7	26°29	25°20	8°49	10° 6	8°19	22°44	M 6
T 7	12 58 40	16°34'41	18°47	20°22	22°54	5°50	12° 6	13° 5	20° 6	26°28	25°21	8°48	10° 2	8°25	22°48	T 7
W 8	13 2 36	17°33'37	13°52	22°28	24° 8	6°21	12°11	13°11	20° 6	26°28	25°23	8°D47	9°59	8°32	22°51	W 8
T 9	13 6 33	18°32'30	25°48	24°33	25°23	6°52	12°15	13°18	20° 5	26°28	25°24	8°48	9°56	8°39	22°55	T 9
F 10	13 10 29	19°31'22	7°II39	26°38	26°37	7°22	12°19	13°24	20° 4	26°28	25°25	8°50	9°53	8°45	22°58	F 10
S 11	13 14 26	20°30'11	19°27	28°43	27°51	7°53	12°22	13°30	20° 3	26°27	25°27	8°51	9°50	8°52	23° 2	S 11
S 12	13 18 22	21°28'58	1°518	0°B47	29° 5	8°24	12°26	13°37	20° 3	26°27	25°28	8°53	9°46	8°59	23° 5	S 12
M13	13 22 19	22°27'43	13°15	2°49	0°B19	8°56	12°29	13°43	20° 2	26°26	25°30	8°54	9°43	9° 5	23° 8	M13
T 14	13 26 16	23°26'26	25°23	4°50	1°34	9°27	12°32	13°49	20° 1	26°26	25°31	8°R54	9°40	9°12	23°12	T 14
W15	13 30 12	24°25'06	7°II47	6°49	2°48	9°58	12°35	13°55	20° 0	26°25	25°32	8°53	9°37	9°19	23°15	W15
T 16	13 34 9	25°23'44	20°31	8°45	4° 2	10°30	12°38	14° 2	19°59	26°25	25°34	8°52	9°34	9°25	23°18	T 16
F 17	13 38 5	26°22'20	3°III38	10°39	5°16	11° 1	12°41	14° 8	19°58	26°24	25°35	8°51	9°31	9°32	23°21	F 17
S 18	13 42 2	27°20'54	17°11	12°31	6°30	11°33	12°43	14°14	19°56	26°23	25°36	8°49	9°27	9°39	23°25	S 18
S 19	13 45 58	28°19'25	1°II 9	14°19	7°44	12° 5	12°46	14°20	19°55	26°23	25°38	8°48	9°24	9°45	23°28	S 19
M20	13 49 55	29°17'55	0°10	16° 3	8°58	12°36	12°48	14°26	19°54	26°22	25°39	8°47	9°21	9°52	23°31	M20
T 21	13 53 51	0°B16'22	0°II 9	17°44	10°12	13° 8	12°50	14°31	19°53	26°21	25°40	8°47	9°18	9°59	23°34	T 21
W22	13 57 48	1°14'48	15° 1	19°21	11°26	13°40	12°51	14°37	19°51	26°21	25°42	8°D46	9°15	10° 5	23°37	W22
T 23	14 1 45	2°13'12	29°56	20°55	12°40	14°12	12°53	14°43	19°50	26°20	25°43	8°47	9°12	10°12	23°40	T 23
F 24	14 5 41	3°11'34	14°II48	22°23	13°54	14°45	12°54	14°49	19°49	26°19	25°44	8°47	9° 8	10°19	23°43	F 24
S 25	14 9 38	4° 9'55	29°30	23°48	15° 8	15°17	12°55	14°54	19°47	26°18	25°45	8°48	9° 5	10°25	23°46	S 25
S 26	14 13 34	5° 8'14	13°II56	25° 8	16°22	15°49	12°56	15° 0	19°46	26°18	25°47	8°48	9° 2	10°32	23°49	S 26
M27	14 17 31	6° 6'31	28° 3	26°24	17°36	16°22	12°57	15° 5	19°44	26°17	25°48	8°48	8°59	10°39	23°52	M27
T 28	14 21 27	7° 4'47	11°II50	27°35	18°50	16°54	12°58	15°11	19°43	26°16	25°49	8°R48	8°56	10°45	23°55	T 28
W29	14 25 24	8° 3'02	25°16	28°41	20° 4	17°27	12°58	15°16	19°41	26°15	25°50	8°48	8°52	10°52	23°58	W29
T 30	14 29 20	9°B 1'15	8°II24	29°B43	21°B17	18°50	12°58	15°II22	19°II40	26°II14	25°II52	8°D48	8°B49	10°II59	24°II 1	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
W 1	4n14	21s20	5s11	1n58	1s19	5n 2	1s 9	25n30	2n 4	22s46	0n11	8s28	1s41	23s 9	0s 3	22s 9	1n17	16s 7	15s32	14n33	14n57	23n58	0n39	3n59	
T 2	4 37	16 42	4 56	2 53	1 11	5 32	1 7	25 29	2 4	22 46	0 11	8 26	1 41	23 9	0 3	22 8	1 17	16 7	15 32	14 32	14 56	24 0	0 41	3 59	
F 3	5 0	11 22	4 25	3 49	1 3	6 2	1 6	25 28	2 3	22 46	0 11	8 23	1 42	23 9	0 4	22 8	1 17	16 6	15 32	14 30	14 55	24 2	0 42	3 59	
S 4	5 23	5 37	3 40	4 45	0 54	6 32	1 4	25 26	2 2	22 45	0 11	8 21	1 42	23 9	0 4	22 8	1 17	16 6	15 32	14 29	14 54	24 4	0 44	3 59	
S 5	5 46	0n15	2 46	5 42	0 45	7 1	1 3	25 24	2 2	22 45	0 11	8 18	1 42	23 9	0 4	22 8	1 17	16 5	15 32	14 28	14 53	24 5	0 45	3 59	
M 6	6 9	6 2	1 44	6 38	0 35	7 31	1 1	25 23	2 1	22 45	0 11	8 16	1 42	23 9	0 4	22 8	1 17	16 5	15 32	14 27	14 52	24 7	0 46	3 59	
T 7	6 31	11 30	0 39	7 35	0 25	8 0	0 59	25 21	2 1	22 44	0 11	8 14	1 42	23 9	0 4	22 8	1 17	16 4	15 32	14 27	14 51	24 9	0 48	3 59	
W 8	6 54	16 28	0n28	8 32	0 15	8 29	0 57	25 19	2 0	22 44	0 10	8 11	1 42	23 9	0 4	22 8	1 17	16 4	15 33	14 27	14 50	24 11	0 49	3 59	
T 9	7 16	20 44	1 33	9 28	0 4	8 58	0 56	25 16	1 59	22 44	0 10	8 9	1 42	23 9	0 4	22 8	1 17	16 3	15 33	14 27	14 49	24 13	0 50	3 59	
F 10	7 39	24 7	2 33	10 24	0n 7	9 26	0 54	25 14	1 59	22 43	0 10	8 7	1 43	23 9	0 4	22 8	1 17	16 3	15 33	14 27	14 48	24 15	0 52	3 59	
S 11	8 1	26 28	3 26	11 19	0 18	9 55	0 52	25 12	1 58	22 43	0 10	8 4	1 43	23 9	0 4	22 8	1 17	16 3	15 33	14 28	14 47	24 16	0 53	3 59	
S 12	8 23	27 39	4 11	12 13	0 29	10 23	0 50	25 9	1 57	22 43	0 10	8 2	1 43	23 9	0 4	22 8	1 17	16 2	15 33	14 28	14 46	24 18	0 55	3 59	
M13	8 45	27 32	4 45	13 6	0 40	10 51	0 48	25 6	1 57	22 43	0 10	8 0	1 43	23 9	0 4	22 8	1 17	16 2	15 33	14 29	14 45	24 20	0 56	3 59	
T 14	9 7	26 8	5 8	13 57	0 51	11 19	0 46	25 3	1 56	22 42	0 10	7 57	1 43	23 9	0 4	22 8	1 17	16 1	15 34	14 29	14 44	24 22	0 57	3 59	
W15	9 28	23 26	5 16	14 47	1 2	11 46	0 44	25 1	1 55	22 42	0 10	7 55	1 43	23 9	0 4	22 8	1 17	16 1	15 34	14 29	14 43	24 24	0 59	3 59	
T 16	9 50	19 34	5 10	15 35	1 13	12 13	0 42	24 57	1 55	22 42	0 10	7 53	1 43	23 9	0 4	22 8	1 17	16 1	15 34	14 28	14 42	24 25	1 0	3 59	
F 17	10 11	14 39	4 48	16 21	1 23	12 40	0 40	24 54	1 54	22 42	0 10	7 51	1 44	23 9	0 4	22 8	1 17	16 0	15 34	14 28	14 40	24 27	1 1	3 59	
S 18	10 32	8 53	4 9	17 6	1 33	13 6	0 38	24 51	1 54	22 42	0 10	7 48	1 44	23 9	0 4	22 8	1 17	16 0	15 34	14 27	14 39	24 29	1 3	3 59	
S 19	10 53	2 30	3 14	17 47	1 43	13 33	0 36	24 47	1 53	22 42	0 10	7 46	1 44	23 9	0 4	22 8	1 17	16 0	15 34	14 27	14 38	24 31	1 4	3 59	
M20	11 14	4s11	2 6	18 27	1 52	13 59	0 33	24 44	1 52	22 42	0 9	7 44	1 44	23 9	0 4	22 8	1 17	15 59	15 35	14 27	14 37	24 33	1 5	3 59	
T 21	11 35	10 48	0 48	19 4	2 1	14 24	0 31	24 40	1 52	22 41	0 9	7 42	1 44	23 8	0 4	22 8	1 17	15 59	15 35	14 26	14 36	24 34	1 7	3 59	
W22	11 55	16 54	0s35	19 39	2 8	14 49	0 29	24 36	1 51	22 41	0 9	7 40	1 44	23 8	0 4	22 8	1 17	15 59	15 35	14 26	14 35	24 36	1 8	4 0	
T 23	12 15	22 2	1 55	20 11	2 15	15 14	0 27	24 32	1 51	22 41	0 9	7 38	1 45	23 8	0 4	22 8	1 17	15 58	15 35	14 27	14 34	24 38	1 9	4 0	
F 24	12 35	25 42	3 7	20 40	2 22	15 39	0 24	24 28	1 50	22 41	0 9	7 36	1 45	23 8	0 4	22 8	1 17	15 58	15 36	14 27	14 33	24 39	1 10	4 0	
S 25	12 55	27 34	4 6	21 7	2 27	16 3	0 22	24 24	1 49	22 41	0 9	7 34	1 45	23 8	0 4	22 7	1 17	15 58	15 36	14 27	14 32	24 41	1 12	4 0	
S 26	13 15	27 31	4 48	21 31	2 32	16 26	0 20	24 19	1 49	22 41	0 9	7 32	1 45	23 8	0 4	22 7	1 17	15 57	15 36	14 27	14 31	24 43	1 13	4 0	
M27	13 34	25 40	5 12	21 53	2 35	16 50	0 17	24 15	1 48	22 41	0 9	7 30	1 45	23 8	0 4	22 7	1 17	15 57	15 36	14 27	14 30	24 45	1 14	4 0	
T 28	13 53	22 20	5 17	22 13	2 38	17 12	0 15	24 10	1 47	22 41	0 9	7 28	1 45	23 8	0 4	22 7	1 17	15 57	15 36	14 27	14 29	24 46	1 15	4 0	
W29	14 12	17 53	5 5	22 29	2 40	17 35	0 12	24 5	1 47	22 41	0 9	7 26	1 46	23 8	0 4	22 7	1 17	15 57	15 37	14 27	14 28	24 48	1 17	4 0	
T 30	14n31	12s42	4s36	22n44	2n41	17n57	0s10	24n 1	1n46	22s41	0n 8	7s24	1s46	23s 8	0s 4	22s 7	1n18	15s56	15s37	14n27	14n27	24n50	1n18	4n 0	

ASTRODIENST EPHEMERIS for the year 1818

geocentric

MAY 1818

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 33 17	9♂59'26	21♂15	0♂39	22♂31	18♂32	12°R58	15♂27	19°R38	26°R13	25♂53	8♂48	8♂46	11♂5	24♂4	F 1
S 2	14 37 14	10°57'36	3♂51	1°31	23°45	19° 5	12♂58	15°32	19♂36	26♂12	25°54	8°48	8°43	11°12	24° 7	S 2
S 3	14 41 10	11°55'45	16°14	2°18	24°59	19°38	12°58	15°37	19°34	26°11	25°55	8°49	8°40	11°19	24° 9	S 3
M 4	14 45 7	12°53'52	28°26	2°59	26°13	20°11	12°57	15°42	19°33	26°10	25°56	8°49	8°37	11°25	24°12	M 4
T 5	14 49 3	13°51'57	10♂29	3°36	27°26	20°44	12°57	15°47	19°31	26° 9	25°57	8°R49	8°33	11°32	24°15	T 5
W 6	14 53 0	14°50'01	22°26	4° 8	28°40	21°18	12°56	15°52	19°29	26° 8	25°58	8°49	8°30	11°39	24°17	W 6
T 7	14 56 56	15°48'03	4♂17	4°34	29°54	21°51	12°55	15°57	19°27	26° 7	25°59	8°48	8°27	11°45	24°20	T 7
F 8	15 0 53	16°46'03	16° 6	4°55	1♂7	22°24	12°53	16° 2	19°25	26° 6	26° 0	8°47	8°24	11°52	24°23	F 8
S 9	15 4 49	17°44'02	27°55	5°11	2°21	22°58	12°52	16° 7	19°23	26° 4	26° 2	8°46	8°21	11°59	24°25	S 9
S 10	15 8 46	18°41'59	9♂47	5°22	3°35	23°31	12°50	16°11	19°21	26° 3	26° 3	8°45	8°18	12° 5	24°28	S 10
M 11	15 12 43	19°39'54	21°45	5°28	4°48	24° 4	12°48	16°16	19°19	26° 2	26° 4	8°44	8°14	12°12	24°30	M 11
T 12	15 16 39	20°37'47	3♂53	5°R29	6° 2	24°38	12°46	16°20	19°17	26° 1	26° 5	8°43	8°11	12°19	24°32	T 12
W 13	15 20 36	21°35'39	16°15	5°25	7°15	25°12	12°44	16°25	19°15	26° 0	26° 5	8°D42	8° 8	12°25	24°35	W 13
T 14	15 24 32	22°33'29	28°55	5°16	8°29	25°45	12°42	16°29	19°13	25°58	26° 6	8°42	8° 5	12°32	24°37	T 14
F 15	15 28 29	23°31'17	11♂57	5° 3	9°42	26°19	12°39	16°33	19°11	25°57	26° 7	8°43	8° 2	12°39	24°39	F 15
S 16	15 32 25	24°29'03	25°23	4°46	10°56	26°53	12°37	16°38	19° 9	25°56	26° 8	8°44	7°58	12°45	24°42	S 16
S 17	15 36 22	25°26'48	9♂17	4°25	12° 9	27°27	12°34	16°42	19° 7	25°54	26° 9	8°45	7°55	12°52	24°44	S 17
M 18	15 40 18	26°24'31	23°37	4° 0	13°23	28° 1	12°30	16°46	19° 4	25°53	26°10	8°46	7°52	12°59	24°46	M 18
T 19	15 44 15	27°22'13	8♂20	3°33	14°36	28°35	12°27	16°50	19° 2	25°52	26°11	8°R46	7°49	13° 5	24°48	T 19
W 20	15 48 12	28°19'53	23°21	3° 3	15°50	29° 9	12°24	16°53	19° 0	25°50	26°12	8°46	7°46	13°12	24°50	W 20
T 21	15 52 8	29°17'32	8♂32	2°31	17° 3	29°43	12°20	16°57	18°58	25°49	26°13	8°44	7°43	13°19	24°52	T 21
F 22	15 56 5	0♂15'10	23°43	1°58	18°16	0♂17	12°16	17° 1	18°56	25°47	26°13	8°42	7°39	13°25	24°54	F 22
S 23	16 0 1	1°12'47	8♂34	1°24	19°30	0°52	12°12	17° 5	18°53	25°46	26°14	8°39	7°36	13°32	24°56	S 23
S 24	16 3 58	2°10'22	23°28	0°50	20°43	1°26	12° 8	17° 8	18°51	25°45	26°15	8°36	7°33	13°39	24°58	S 24
M 25	16 7 54	3° 7'57	7♂48	0°16	21°56	2° 0	12° 4	17°12	18°49	25°43	26°16	8°34	7°30	13°45	25° 0	M 25
T 26	16 11 51	4° 5'31	21°43	29♂43	23°10	2°35	12° 0	17°15	18°46	25°42	26°16	8°32	7°27	13°52	25° 2	T 26
W 27	16 15 48	5° 3'04	5♂11	29°12	24°23	3° 9	11°55	17°18	18°44	25°40	26°17	8°D32	7°24	13°59	25° 3	W 27
T 28	16 19 44	6° 0'36	18°14	28°43	25°36	3°44	11°50	17°21	18°42	25°39	26°18	8°32	7°20	14° 5	25° 5	T 28
F 29	16 23 41	6°58'07	0♂56	28°16	26°49	4°18	11°45	17°25	18°39	25°37	26°18	8°34	7°17	14°12	25° 7	F 29
S 30	16 27 37	7°55'37	13°21	27°52	28° 2	4°53	11°40	17°28	18°37	25°36	26°19	8°35	7°14	14°19	25° 8	S 30
S 31	16 31 34	8♂53'07	25♂32	27♂32	29♂16	5♂27	11♂35	17♂30	18♂34	25♂34	26♂20	8♂37	7♂11	14♂25	25♂10	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	14n50	7s 4	3s55	22n56	2n41	18n18	0s 7	23n55	1n46	22s42	0n 8	7s22	1s46	23s 7	0s 4	22s 7
S 2	15 8	1 15	3 2	23 5	2 39	18 39	0 5	23 50	1 45	22 42	0 8	7 20	1 46	23 7	0 4	22 7
S 3	15 26	4n30	2 2	23 13	2 37	18 59	0 3	23 45	1 44	22 42	0 8	7 19	1 46	23 7	0 4	22 7
M 4	15 44	10 2	0 57	23 18	2 34	19 19	0 0	23 39	1 44	22 42	0 8	7 17	1 47	23 7	0 4	22 7
T 5	16 1	15 8	0n 9	23 20	2 29	19 39	0n 2	23 34	1 43	22 42	0 8	7 15	1 47	23 7	0 4	22 7
W 6	16 18	19 36	1 15	23 21	2 24	19 58	0 5	23 28	1 43	22 42	0 8	7 13	1 47	23 7	0 4	22 7
T 7	16 35	23 36	2 17	23 19	2 17	20 16	0 7	23 22	1 42	22 43	0 8	7 12	1 47	23 7	0 4	22 7
F 8	16 52	25 56	3 12	23 15	2 9	20 34	0 10	23 16	1 42	22 43	0 8	7 10	1 47	23 6	0 4	22 7
S 9	17 8	27 27	4 0	23 10	2 0	20 51	0 12	23 10	1 41	22 43	0 8	7 8	1 48	23 6	0 4	22 7
S 10	17 24	27 43	4 37	23 2	1 50	21 8	0 15	23 4	1 40	22 43	0 7	7 7	1 48	23 6	0 4	22 7
M 11	17 40	26 41	5 3	22 52	1 39	21 24	0 17	22 57	1 40	22 44	0 7	7 5	1 48	23 6	0 4	22 7
T 12	17 56	24 25	5 15	22 40	1 27	21 40	0 20	22 51	1 39	22 44	0 7	7 3	1 48	23 6	0 4	22 7
W 13	18 11	20 58	5 14	22 26	1 14	21 55	0 22	22 44	1 39	22 44	0 7	7 2	1 48	23 6	0 4	22 6
T 14	18 26	16 30	4 57	22 11	1 0	22 9	0 25	22 37	1 38	22 45	0 7	7 0	1 49	23 6	0 4	22 6
F 15	18 40	11 10	4 25	21 54	0 45	22 23	0 27	22 30	1 37	22 45	0 7	6 59	1 49	23 5	0 4	22 6
S 16	18 55	5 10	3 38	21 35	0 29	22 36	0 30	22 23	1 37	22 45	0 7	6 58	1 49	23 5	0 4	22 6
S 17	19 9	1s18	2 36	21 16	0 13	22 48	0 32	22 16	1 36	22 46	0 7	6 56	1 49	23 5	0 4	22 6
M 18	19 22	7 54	1 23	20 54	0s 4	23 0	0 35	22 9	1 36	22 46	0 7	6 55	1 50	23 5	0 4	22 6
T 19	19 36	14 16	0 2	20 32	0 21	23 11	0 37	22 1	1 35	22 46	0 6	6 53	1 50	23 5	0 4	22 6
W 20	19 49	19 55	1s20	20 9	0 39	23 22	0 40	21 54	1 35	22 47	0 6	6 52	1 50	23 5	0 4	22 6
T 21	20 1	24 20	2 37	19 46	0 56	23 32	0 42	21 46	1 34	22 47	0 6	6 51	1 50	23 4	0 4	22 6
F 22	20 14	27 2	3 43	19 22	1 14	23 41	0 44	21 38	1 33	22 48	0 6	6 50	1 50	23 4	0 4	22 6
S 23	20 25	27 43	4 33	18 59	1 31	23 49	0 47	21 30	1 33	22 48	0 6	6 48	1 51	23 4	0 4	22 6
S 24	20 37	26 24	5 4	18 35	1 48	23 57	0 49	21 22	1 32	22 49	0 6	6 47	1 51	23 4	0 4	22 6
M 25	20 48	23 24	5 15	18 12	2 4	24 4	0 51	21 13	1 32	22 49	0 6	6 46	1 51	23 4	0 4	22 6
T 26	20 59	19 7	5 6	17 50	2 20	24 11	0 53	21 5	1 31	22 50	0 6	6 45	1 51	23 4	0 4	22 6
W 27	21 10	13 59	4 41	17 29	2 35	24 16	0 56	20 57	1 31	22 50	0 5	6 44	1 52	23 3	0 4	22 6
T 28	21 20	8 22	4 2	17 9	2 49	24 21	0 58	20 48	1 30	22 51	0 5	6 43	1 52	23 3	0 4	22 6
F 29	21 30	2 34	3 12	16 51	3 1	24 26	1 0	20 39	1 29	22 51	0 5	6 42	1 52	23 3	0 4	22 6
S 30	21 39	3n13	2 14	16 34	3 13	24 29	1 2	20 30	1 29	22 52	0 5	6 41	1 52	23 3	0 4	22 6
S 31	21n48	8n46	1s11	16n19	3s24	24n32	1n 4	20n21	1n28	22s53	0n 5	6s40	1s53	23s 3	0s 4	22s 5

Julian Day Number = 2385190.5, Delta T = 16.70 sec
 Ecliptic obliquity = 23°27'54, Nutation = -0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°12'13, Lahiri = 21°19'13

ASTRODIENST EPHEMERIS for the year 1818
geocentric

JUNE 1818

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 35 30	9Ⅱ50'35	7♂32	27°R15	0♂29	6♂ 2	11°R30	17♂33	18°R32	25°R33	26♂20	8°R37	7♂ 8	14Ⅱ32	25♂11	M 1
T 2	16 39 27	10°48'03	19°26	27♂ 2	1°42	6°37	11♂24	17°36	18°♂30	25♂31	26°21	8♂37	7° 4	14°39	25°13	T 2
W 3	16 43 23	11°45'30	1Ⅱ17	26°54	2°55	7°12	11°18	17°39	18°27	25°30	26°21	8°35	7° 1	14°45	25°14	W 3
T 4	16 47 20	12°42'57	13° 5	26°49	4° 8	7°47	11°13	17°41	18°25	25°28	26°22	8°31	6°58	14°52	25°16	T 4
F 5	16 51 17	13°40'22	24°54	26°D49	5°21	8°22	11° 7	17°44	18°22	25°26	26°22	8°26	6°55	14°59	25°17	F 5
S 6	16 55 13	14°37'47	6♂46	26°53	6°34	8°57	11° 1	17°46	18°20	25°25	26°23	8°19	6°52	15° 5	25°18	S 6
S 7	16 59 10	15°35'10	18°42	27° 2	7°47	9°32	10°55	17°48	18°17	25°23	26°23	8°13	6°49	15°12	25°19	S 7
M 8	17 3 6	16°32'33	0♂45	27°16	9° 0	10° 7	10°48	17°51	18°15	25°22	26°24	8° 6	6°45	15°19	25°20	M 8
T 9	17 7 3	17°29'54	12°57	27°34	10°13	10°42	10°42	17°53	18°12	25°20	26°24	8° 1	6°42	15°25	25°22	T 9
W10	17 10 59	18°27'15	25°21	27°56	11°26	11°17	10°35	17°55	18°10	25°18	26°25	7°57	6°39	15°32	25°23	W10
T 11	17 14 56	19°24'35	8♂ 0	28°23	12°39	11°52	10°29	17°57	18° 7	25°17	26°25	7°54	6°36	15°39	25°24	T 11
F 12	17 18 52	20°21'53	20°57	28°54	13°52	12°28	10°22	17°58	18° 5	25°15	26°25	7°D54	6°33	15°45	25°24	F 12
S 13	17 22 49	21°19'11	4♂17	29°29	15° 5	13° 3	10°15	18° 0	18° 3	25°14	26°26	7°54	6°30	15°52	25°25	S 13
S 14	17 26 46	22°16'28	18° 1	0Ⅱ 9	16°17	13°38	10° 8	18° 2	18° 0	25°12	26°26	7°55	6°26	15°59	25°26	S 14
M15	17 30 42	23°13'44	2♂11	0°53	17°30	14°14	10° 1	18° 3	17°58	25°10	26°26	7°R56	6°23	16° 5	25°27	M15
T 16	17 34 39	24°10'59	16°45	1°41	18°43	14°49	9°54	18° 5	17°55	25° 9	26°27	7°56	6°20	16°12	25°28	T 16
W17	17 38 35	25° 8'14	1♂41	2°32	19°56	15°25	9°47	18° 6	17°53	25° 7	26°27	7°54	6°17	16°19	25°28	W17
T 18	17 42 32	26° 5'28	16°52	3°28	21° 8	16° 0	9°40	18° 7	17°50	25° 6	26°27	7°50	6°14	16°25	25°29	T 18
F 19	17 46 28	27° 2'41	2♂ 7	4°28	22°21	16°36	9°33	18° 8	17°48	25° 4	26°27	7°44	6°10	16°32	25°30	F 19
S 20	17 50 25	27°59'54	17°18	5°31	23°34	17°11	9°25	18° 9	17°46	25° 2	26°27	7°37	6° 7	16°39	25°30	S 20
S 21	17 54 21	28°57'07	2♂12	6°38	24°46	17°47	9°18	18°10	17°43	25° 1	26°28	7°30	6° 4	16°46	25°31	S 21
M22	17 58 18	29°54'20	16°44	7°49	25°59	18°23	9°10	18°11	17°41	24°59	26°28	7°23	6° 1	16°52	25°31	M22
T 23	18 2 15	0♂51'32	0♂47	9° 4	27°11	18°59	9° 3	18°12	17°38	24°57	26°28	7°17	5°58	16°59	25°31	T 23
W24	18 6 11	1°48'44	14°21	10°22	28°24	19°34	8°55	18°12	17°36	24°56	26°28	7°14	5°55	17° 6	25°32	W24
T 25	18 10 8	2°45'57	27°27	11°43	29°36	20°10	8°48	18°13	17°34	24°54	26°28	7°D12	5°51	17°12	25°32	T 25
F 26	18 14 4	3°43'09	10♂ 8	13° 9	0♂49	20°46	8°40	18°13	17°31	24°53	26°28	7°12	5°48	17°19	25°32	F 26
S 27	18 18 1	4°40'21	22°29	14°37	2° 1	21°22	8°33	18°14	17°29	24°51	26°R28	7°13	5°45	17°26	25°32	S 27
S 28	18 21 57	5°37'34	4♂35	16° 9	3°14	21°58	8°25	18°14	17°27	24°49	26°28	7°R14	5°42	17°32	25°32	S 28
M29	18 25 54	6°34'46	16°30	17°45	4°26	22°34	8°17	18°14	17°24	24°48	26°28	7°13	5°39	17°39	25°R32	M29
T 30	18 29 50	7♂31'59	28♂20	19Ⅱ24	5♂38	23♂10	8♂10	18°R14	17°♂22	24°♂46	26♂28	7♂11	5♂36	17Ⅱ46	25♂32	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
M 1	21n57	13n57	0s 6	16n 6	3s33	24n34	1n 6	20n12	1n28	22s53	0n 5	6s39	1s53	23s 2	0s 4	22s 5	1n18	15s54	15s47	14n23	13n54	25n41	1n49	4n 4	
T 2	22 5	18 33	0n59	15 55	3 42	24 35	1 8	20 3	1 27	22 54	0 5	6 38	1 53	23 2	0 4	22 5	1 18	15 54	15 47	14 23	13 53	25 42	1 50	4 4	
W 3	22 13	22 24	2 1	15 47	3 49	24 36	1 10	19 53	1 27	22 54	0 5	6 38	1 53	23 2	0 4	22 5	1 18	15 54	15 48	14 23	13 52	25 44	1 51	4 5	
T 4	22 21	25 19	2 57	15 40	3 54	24 36	1 12	19 44	1 26	22 55	0 4	6 37	1 54	23 2	0 4	22 5	1 18	15 54	15 48	14 21	13 51	25 45	1 51	4 5	
F 5	22 28	27 8	3 46	15 35	3 59	24 35	1 14	19 34	1 26	22 56	0 4	6 36	1 54	23 2	0 4	22 5	1 18	15 54	15 48	14 20	13 50	25 46	1 52	4 5	
S 6	22 35	27 42	4 25	15 33	4 2	24 34	1 16	19 24	1 25	22 56	0 4	6 35	1 54	23 1	0 4	22 5	1 18	15 55	15 49	14 18	13 49	25 48	1 53	4 5	
S 7	22 41	26 59	4 52	15 33	4 4	24 32	1 18	19 15	1 24	22 57	0 4	6 35	1 54	23 1	0 4	22 5	1 18	15 55	15 49	14 16	13 48	25 49	1 53	4 5	
M 8	22 47	25 1	5 7	15 35	4 5	24 29	1 19	19 5	1 24	22 58	0 4	6 34	1 55	23 1	0 4	22 5	1 18	15 55	15 49	14 13	13 47	25 51	1 54	4 5	
T 9	22 53	21 53	5 9	15 39	4 5	24 25	1 21	18 54	1 23	22 58	0 4	6 33	1 55	23 1	0 4	22 5	1 18	15 55	15 50	14 12	13 46	25 52	1 55	4 6	
W10	22 58	17 44	4 56	15 45	4 4	24 21	1 23	18 44	1 23	22 59	0 4	6 33	1 55	23 1	0 4	22 5	1 18	15 55	15 50	14 10	13 45	25 54	1 55	4 6	
T 11	23 3	12 44	4 29	15 53	4 2	24 16	1 24	18 34	1 22	23 0	0 4	6 32	1 55	23 0	0 4	22 5	1 18	15 55	15 51	14 10	13 44	25 55	1 56	4 6	
F 12	23 7	7 4	3 47	16 2	3 59	24 10	1 26	18 23	1 22	23 0	0 3	6 32	1 56	23 0	0 4	22 5	1 18	15 56	15 51	14 9	13 43	25 57	1 56	4 6	
S 13	23 11	0 56	2 52	16 14	3 56	24 3	1 27	18 13	1 21	23 1	0 3	6 31	1 56	23 0	0 4	22 5	1 18	15 56	15 51	14 10	13 42	25 58	1 57	4 6	
S 14	23 14	5s27	1 46	16 26	3 51	23 56	1 28	18 2	1 21	23 1	0 3	6 31	1 56	23 0	0 4	22 5	1 18	15 56	15 52	14 10	13 41	25 59	1 57	4 6	
M15	23 17	11 45	0 31	16 41	3 45	23 48	1 30	17 51	1 20	23 2	0 3	6 31	1 56	22 59	0 4	22 5	1 18	15 56	15 52	14 10	13 40	26 1	1 58	4 7	
T 16	23 20	17 37	0s48	16 56	3 39	23 40	1 31	17 40	1 19	23 3	0 3	6 30	1 57	22 59	0 4	22 5	1 18	15 56	15 52	14 10	13 39	26 2	1 58	4 7	
W17	23 23	22 33	2 5	17 13	3 32	23 30	1 32	17 29	1 19	23 3	0 3	6 30	1 57	22 59	0 4	22 5	1 18	15 57	15 53	14 10	13 38	26 3	1 59	4 7	
T 18	23 24	26 2	3 14	17 31	3 25	23 20	1 34	17 18	1 18	23 4	0 3	6 30	1 57	22 59	0 4	22 5	1 18	15 57	15 53	14 8	13 37	26 5	1 59	4 7	
F 19	23 26	27 37	4 10	17 50	3 16	23 10	1 35	17 7	1 18	23 5	0 2	6 30	1 57	22 59	0 4	22 4	1 18	15 57	15 53	14 6	13 36	26 6	1 59	4 7	
S 20	23 27	27 6	4 48	18 10	3 7	22 59	1 36	16 55	1 17	23 5	0 2	6 29	1 58	22 58	0 4	22 4	1 18	15 57	15 54	14 4	13 35	26 8	2 0	4 7	
S 21	23 28	24 39	5 6	18 31	2 58	22 47	1 37	16 44	1 17	23 6	0 2	6 29	1 58	22 58	0 4	22 4	1 18	15 58	15 54	14 2	13 33	26 9	2 0	4 8	
M22	23 28	20 39	5 3	18 52	2 48	22 34	1 37	16 32	1 16	23 7	0 2	6 29	1 58	22 58	0 4	22 4	1 18	15 58	15 55	13 59	13 32	26 10	2 0	4 8	
T 23	23 28	15 36	4 42	19 14	2 38	22 21	1 38	16 21	1 16	23 7	0 2	6 29	1 58	22 58	0 4	22 4	1 18	15 58	15 55	13 58	13 31	26 12	2 1	4 8	
W24	23 27	9 56	4 5	19 36	2 27	22 7	1 39	16 9	1 15	23 8	0 2	6 29	1 59	22 58	0 4	22 4	1 18	15 59	15 55	13 56	13 30	26 13	2 1	4 8	
T 25	23 26	4 2	3 17	19 58	2 16	21 53	1 40	15 57	1 14	23 9	0 2	6 29	1 59	22 57	0 4	22 4	1 18	15 59	15 56	13 56	13 29	26 14	2 1	4 8	
F 26	23 25	1n52	2 20	20 20	2 5	21 38	1 40	15 45	1 14	23 9	0 1	6 29	1 59	22 57	0 4	22 4	1 18	15 59	15 56	13 56	13 28	26 16	2 1	4 8	
S 27	23 23	7 33	1 18	20 42	1 53	21 22	1 41	15 33	1 13	23 10	0 1	6 29	1 59	22 57	0 4	22 4	1 18	16 0	15 56	13 56	13 27	26 17	2 2	4 9	
S 28	23 21	12 50	0 14	21 4	1 41	21 6	1 41	15 21	1 13	23 11	0 1	6 30	2 0	22 57	0 4	22 4	1 18	16 0	15 57	13 56	13 26	26 18	2 2	4 9	
M29	23 18	17 35	0n49	21 25	1 29	20 49	1 42	15 9	1 12	23 11	0 1	6 30	2 0	22 57	0 4	22 4	1 18	16 0	15 57	13 56	13 25	26 19	2 2	4 9	
T 30	23n15	21n36	1n50	21n46	1s17	20n32	1n42	14n56	1n12	23s12	0n 1	6s30	2s 0	22s56	0s 4	22s 4	1n18	16s 1	15s58	13n56	13n24	26n21	2n 2	4n 9	

ASTRODIENST EPHEMERIS for the year 1818

geocentric

JULY 1818

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 33 47	8°29'12"	10°11' 8"	21°11' 6"	6°51' 23"	23°14' 46"	8°R 2	18°R14	17°R20	24°R45	26°R28	7°R 6	5°32	17°11'52"	25°R32	W 1
T 2	18 37 44	9°26'25"	21°57' 22"	22°51' 8"	8° 3	24°23' 7"	7°54	18°14	17°18	24°43	26°28	6°59	5°29	17°59	25°32	T 2
F 3	18 41 40	10°23'38"	3°54' 24"	24°39' 9"	15	24°59' 7"	46	18°13	17°15	24°42	26°28	6°50	5°26	18° 6	25°32	F 3
S 4	18 45 37	11°20'51"	15°47' 26"	30' 10"	28	25°35' 7"	39	18°13	17°13	24°40	26°27	6°39	5°23	18°12	25°32	S 4
S 5	18 49 33	12°18'04"	27°51' 28"	24' 11"	40	26°11' 7"	31	18°13	17°11	24°39	26°27	6°27	5°20	18°19	25°31	S 5
M 6	18 53 30	13°15'18"	10°11' 4	0°21' 12"	52	26°48' 7"	23	18°12	17° 9	24°37	26°27	6°15	5°16	18°26	25°31	M 6
T 7	18 57 26	14°12'31"	22°25' 2°	20' 14"	4	27°24' 7"	16	18°11	17° 7	24°36	26°27	6° 5	5°13	18°32	25°31	T 7
W 8	19 1 23	15° 9'44"	4°11' 58"	4°21' 15"	16	28° 0' 7"	8	18°11	17° 5	24°34	26°27	5°56	5°10	18°39	25°30	W 8
T 9	19 5 20	16° 6'57"	17°43' 6"	25' 16"	28	28°37' 7"	1	18°10	17° 3	24°33	26°26	5°51	5° 7	18°46	25°30	T 9
F 10	19 9 16	17° 4'10"	0°42' 8"	29' 17"	40	29°13' 6"	53	18° 9	17° 1	24°31	26°26	5°48	5° 4	18°52	25°29	F 10
S 11	19 13 13	18° 1'22"	14° 0' 10"	36' 18"	52	29°50' 6"	46	18° 8	16°59	24°30	26°26	5°D47	5° 1	18°59	25°28	S 11
S 12	19 17 9	18°58'35"	27°37' 12"	43' 20"	4	0°11' 27"	638	18° 6	16°57	24°28	26°25	5°47	4°57	19° 6	25°28	S 12
M13	19 21 6	19°55'48"	11°11' 35"	14°51' 21"	16	1° 3	631	18° 5	16°55	24°27	26°25	5°R47	4°54	19°13	25°27	M13
T 14	19 25 2	20°53'01"	25°56' 17"	0' 22"	28	1°40' 6"	24	18° 4	16°53	24°25	26°25	5°46	4°51	19°19	25°26	T 14
W15	19 28 59	21°50'14"	10°11' 37"	19° 8	23°40	2°17' 6"	17	18° 2	16°51	24°24	26°24	5°42	4°48	19°26	25°25	W15
T 16	19 32 55	22°47'28"	25°33' 21"	17' 24"	51	2°53' 6"	9	18° 1	16°49	24°23	26°24	5°36	4°45	19°33	25°25	T 16
F 17	19 36 52	23°44'42"	10°11' 37"	23°25' 26"	3	3°30' 6"	2	17°59	16°47	24°21	26°24	5°28	4°42	19°39	25°24	F 17
S 18	19 40 49	24°41'56"	25°41' 25"	33' 27"	15	4° 7	5°55	17°58	16°46	24°20	26°23	5°17	4°38	19°46	25°23	S 18
S 19	19 44 45	25°39'10"	10°11' 33"	27°40' 28"	26	4°44' 5°	49	17°56	16°44	24°19	26°23	5° 7	4°35	19°53	25°22	S 19
M20	19 48 42	26°36'26"	25° 3	29°46' 29"	38	5°21' 5°	42	17°54	16°42	24°17	26°22	4°56	4°32	19°59	25°21	M20
T 21	19 52 38	27°33'41"	9°11' 11"	1°51' 0°	49	5°58' 5°	35	17°52	16°41	24°16	26°22	4°48	4°29	20° 6	25°19	T 21
W22	19 56 35	28°30'58"	22°49' 3°	54' 2°	1	6°35' 5°	29	17°50	16°39	24°15	26°21	4°42	4°26	20°13	25°18	W22
T 23	20 0 31	29°28'15"	5°57' 58"	5°56' 3°	12	7°12' 5°	22	17°47	16°37	24°13	26°21	4°38	4°22	20°19	25°17	T 23
F 24	20 4 28	0°25'34"	18°42' 7°	57' 4°	24	7°49' 5°	16	17°45	16°36	24°12	26°20	4°37	4°19	20°26	25°16	F 24
S 25	20 8 24	1°22'53"	1° 4	9°56' 5°	35	8°26' 5°	10	17°43	16°34	24°11	26°19	4°37	4°16	20°33	25°14	S 25
S 26	20 12 21	2°20'13"	13°11' 11°	54' 6°	46	9° 3	5° 3	17°40	16°33	24°10	26°19	4°36	4°13	20°39	25°13	S 26
M27	20 16 18	3°17'35"	25° 6	13°50' 7°	58	9°40' 4°	57	17°38	16°31	24° 9	26°18	4°35	4°10	20°46	25°12	M27
T 28	20 20 14	4°14'57"	6°11' 55"	15°44' 9°	9	10°18' 4°	52	17°35	16°30	24° 7	26°18	4°32	4° 7	20°53	25°10	T 28
W29	20 24 11	5°12'21"	18°44' 17°	37' 10°	20	10°55' 4°	46	17°33	16°29	24° 6	26°17	4°27	4° 3	21° 0	25° 9	W29
T 30	20 28 7	6° 9'45"	0°35' 19°	28' 11°	31	11°32' 4°	40	17°30	16°27	24° 5	26°16	4°19	4° 0	21° 6	25° 7	T 30
F 31	20 32 4	7°11' 12°	33' 21°	17' 12°	42	12°10' 12°	10	17°27	16°26	24° 4	26°16	4° 8	3°57	21°13	25° 6	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	23n12	24n44	2n46	22n 6	1s 4	20n14	1n42	14n44	1n11	23s12	0n 1	6s30	2s 0	22s56	0s 5	22s 4
T 2	23 8	26 48	3 35	22 24	0 52	19 55	1 43	14 31	1 11	23 13	0 1	6 31	2 1	22 56	0 5	22 4
F 3	23 3	27 39	4 14	22 42	0 40	19 36	1 43	14 19	1 10	23 14	0 0	6 31	2 1	22 56	0 5	22 4
S 4	22 59	27 13	4 43	22 58	0 28	19 17	1 43	14 6	1 10	23 14	0 0	6 31	2 1	22 56	0 5	22 4
S 5	22 54	25 30	4 59	23 12	0 16	18 57	1 43	13 53	1 9	23 15	0 0	6 32	2 1	22 55	0 5	22 4
M 6	22 48	22 35	5 2	23 24	0 4	18 36	1 42	13 40	1 8	23 15	0 0	6 32	2 2	22 55	0 5	22 4
T 7	22 42	18 37	4 50	23 34	0n 8	18 15	1 42	13 27	1 8	23 16	0s 0	6 33	2 2	22 55	0 5	22 4
W 8	22 36	13 48	4 25	23 42	0 19	17 54	1 42	13 14	1 7	23 17	0 0	6 33	2 2	22 55	0 5	22 4
T 9	22 29	8 20	3 46	23 48	0 29	17 32	1 41	13 1	1 7	23 17	0 0	6 34	2 2	22 55	0 5	22 4
F 10	22 22	2 23	2 55	23 51	0 39	17 9	1 41	12 47	1 6	23 18	0 1	6 34	2 3	22 54	0 5	22 4
S 11	22 15	3s47	1 53	23 51	0 49	16 47	1 40	12 34	1 6	23 18	0 1	6 35	2 3	22 54	0 5	22 4
S 12	22 7	9 58	0 43	23 49	0 58	16 23	1 40	12 21	1 5	23 19	0 1	6 36	2 3	22 54	0 5	22 3
M13	21 59	15 49	0s31	23 44	1 6	15 59	1 39	12 7	1 5	23 19	0 1	6 36	2 3	22 54	0 5	22 3
T 14	21 50	20 57	1 45	23 36	1 14	15 35	1 38	11 53	1 4	23 20	0 1	6 37	2 4	22 54	0 5	22 3
W15	21 42	24 55	2 53	23 26	1 20	15 11	1 37	11 40	1 3	23 20	0 1	6 38	2 4	22 53	0 5	22 3
T 16	21 32	27 14	3 31	23 12	1 27	14 46	1 37	11 26	1 3	23 21	0 1	6 39	2 4	22 53	0 5	22 3
F 17	21 23	27 35	4 33	22 56	1 32	14 21	1 35	11 12	1 2	23 21	0 1	6 40	2 4	22 53	0 5	22 3
S 18	21 12	25 53	4 57	22 38	1 36	13 55	1 34	10 58	1 2	23 22	0 2	6 41	2 5	22 53	0 5	22 3
S 19	21 2	22 25	5 0	22 17	1 40	13 29	1 33	10 44	1 1	23 22	0 2	6 41	2 5	22 53	0 5	22 3
M20	20 51	17 37	4 43	21 54	1 43	13 3	1 32	10 30	1 1	23 22	0 2	6 42	2 5	22 53	0 5	22 3
T 21	20 40	11 58	4 9	21 29	1 45	12 36	1 30	10 16	1 0	23 23	0 2	6 43	2 5	22 52	0 5	22 3
W22	20 29	5 57	3 22	21 2	1 47	12 9	1 29	10 2	1 0	23 23	0 2	6 44	2 6	22 52	0 5	22 3
T 23	20 17	0n 9	2 25	20 33	1 48	11 42	1 27	9 48	0 59	23 24	0 2	6 46	2 6	22 52	0 5	22 3
F 24	20 5	6 3	1 23	20 2	1 48	11 14	1 26	9 33	0 59	23 24	0 2	6 47	2 6	22 52	0 5	22 3
S 25	19 52	11 34	0 19	19 30	1 47	10 47	1 24	9 19	0 58	23 24	0 3	6 48	2 6	22 52	0 5	22 3
S 26	19 40	16 32	0n45	18 56	1 46	10 19	1 22	9 4	0 57	23 25	0 3	6 49	2 6	22 52	0 5	22 3
M27	19 26	20 47	1 46	18 21	1 44	9 50	1 21	8 50	0 57	23 25	0 3	6 50	2 7	22 52	0 5	22 3
T 28	19 13	24 9	2 42	17 45	1 42	9 22	1 19	8 35	0 56	23 26	0 3	6 51	2 7	22 51	0 5	22 3
W29	18 59	26 29	3 31	17 8	1 39	8 53	1 17	8 20	0 56	23 26	0 3	6 53	2 7	22 51	0 5	22 3
T 30	18 45	27 38	4 10	16 31	1 35	8 24	1 14	8 6	0 55	23 26	0 3	6 54	2 7	22 51	0 5	22 3
F 31	18n31	27n30	4n39	15n52	1n32	7n55	1n12	7n51	0n55	23s27	0s 3	6s55	2s 8	22s51	0s 5	22s 3

Julian Day Number = 2385251.5, Delta T = 16.71 sec
 Ecliptic obliquity = 23°27'53", Nutation = - 0°00'10", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°12'21", Lahiri = 21°19'22"

ASTRODIENST EPHEMERIS for the year 1818
geocentric

AUGUST 1818

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 36 0	8♌ 4'37	24♊39	23♌ 5	13♎53	12♎47	4°R30	17°R24	16°R25	24°R 3	26°R15	3°R56	3♊54	21♊20	25°R 4	S 1
S 2	20 39 57	9° 2'05	6♌55	24°51	15° 4	13°25	4♊24	17♋21	16♋24	24♋ 2	26♋14	3♋42	3°51	21°26	25♋ 2	S 2
M 3	20 43 53	9°59'33	19°21	26°36	16°15	14° 2	4°19	17°18	16°23	24° 1	26°13	3°29	3°48	21°33	25° 0	M 3
T 4	20 47 50	10°57'03	1♎58	28°19	17°26	14°40	4°14	17°15	16°21	24° 0	26°13	3°17	3°44	21°40	24°59	T 4
W 5	20 51 47	11°54'33	14°46	0♎ 0	18°36	15°17	4°10	17°11	16°20	23°59	26°12	3° 8	3°41	21°46	24°57	W 5
T 6	20 55 43	12°52'04	27°45	1°40	19°47	15°55	4° 5	17° 8	16°19	23°58	26°11	3° 1	3°38	21°53	24°55	T 6
F 7	20 59 40	13°49'36	10♊56	3°18	20°58	16°33	4° 1	17° 5	16°18	23°57	26°10	2°57	3°35	22° 0	24°53	F 7
S 8	21 3 36	14°47'09	24°20	4°55	22° 8	17°10	3°57	17° 1	16°18	23°56	26° 9	2°56	3°32	22° 6	24°51	S 8
S 9	21 7 33	15°44'42	7♎59	6°30	23°19	17°48	3°52	16°58	16°17	23°56	26° 8	2°D56	3°28	22°13	24°49	S 9
M10	21 11 29	16°42'17	21°52	8° 4	24°29	18°26	3°49	16°54	16°16	23°55	26° 8	2°R56	3°25	22°20	24°47	M10
T 11	21 15 26	17°39'52	6♋ 1	9°35	25°40	19° 4	3°45	16°50	16°15	23°54	26° 7	2°54	3°22	22°26	24°45	T 11
W12	21 19 22	18°37'29	20°25	11° 6	26°50	19°42	3°41	16°47	16°14	23°53	26° 6	2°51	3°19	22°33	24°43	W12
T 13	21 23 19	19°35'06	5♊ 1	12°35	28° 0	20°20	3°38	16°43	16°14	23°52	26° 5	2°46	3°16	22°40	24°41	T 13
F 14	21 27 16	20°32'45	19°44	14° 2	29°10	20°58	3°35	16°39	16°13	23°52	26° 4	2°38	3°13	22°47	24°39	F 14
S 15	21 31 12	21°30'24	4♎26	15°27	0♊21	21°36	3°32	16°35	16°13	23°51	26° 3	2°28	3° 9	22°53	24°36	S 15
S 16	21 35 9	22°28'05	19° 1	16°51	1°31	22°14	3°29	16°31	16°12	23°50	26° 2	2°17	3° 6	23° 0	24°34	S 16
M17	21 39 5	23°25'47	3♋20	18°13	2°41	22°52	3°26	16°27	16°12	23°50	26° 1	2° 7	3° 3	23° 7	24°32	M17
T 18	21 43 2	24°23'31	17°19	19°34	3°50	23°30	3°24	16°23	16°11	23°49	26° 0	1°59	3° 0	23°13	24°30	T 18
W19	21 46 58	25°21'15	0♋53	20°52	5° 0	24° 8	3°21	16°19	16°11	23°49	25°59	1°53	2°57	23°20	24°27	W19
T 20	21 50 55	26°19'02	14° 2	22° 9	6°10	24°46	3°19	16°15	16°10	23°48	25°58	1°49	2°54	23°27	24°25	T 20
F 21	21 54 51	27°16'50	26°46	23°24	7°19	25°25	3°17	16°11	16°10	23°47	25°57	1°D48	2°50	23°33	24°23	F 21
S 22	21 58 48	28°14'40	9♊10	24°38	8°29	26° 3	3°16	16° 7	16°10	23°47	25°56	1°48	2°47	23°40	24°20	S 22
S 23	22 2 45	29°12'31	21°18	25°49	9°39	26°41	3°14	16° 2	16°10	23°47	25°55	1°49	2°44	23°47	24°18	S 23
M24	22 6 41	0♎10'25	3♊15	26°58	10°48	27°20	3°13	15°58	16°10	23°46	25°54	1°R49	2°41	23°53	24°15	M24
T 25	22 10 38	1° 8'20	15° 6	28° 5	11°57	27°58	3°11	15°54	16° 9	23°46	25°53	1°48	2°38	24° 0	24°13	T 25
W26	22 14 34	2° 6'17	26°57	29°10	13° 6	28°37	3°10	15°49	16°D 9	23°45	25°52	1°45	2°34	24° 7	24°10	W26
T 27	22 18 31	3° 4'16	8♊52	0♊12	14°16	29°15	3°10	15°45	16° 9	23°45	25°51	1°39	2°31	24°14	24° 8	T 27
F 28	22 22 27	4° 2'16	20°54	1°12	15°25	29°54	3° 9	15°41	16°10	23°45	25°50	1°32	2°28	24°20	24° 5	F 28
S 29	22 26 24	5° 0'19	3♌ 8	2° 9	16°34	0♊33	3° 9	15°36	16°10	23°45	25°48	1°22	2°25	24°27	24° 3	S 29
S 30	22 30 20	5°58'23	15°34	3° 4	17°42	1°11	3° 8	15°32	16°10	23°44	25°47	1°12	2°22	24°34	24° 0	S 30
M31	22 34 17	6♎56'29	28♌15	3♊55	18♊51	1♊50	3°D 8	15♋27	16♋10	23♋44	25♋46	1♊ 2	2♊19	24♊40	23♋57	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	18n16	26n 4	4n56	15n13	1n27	7n25	1n10	7n36	0n54	23s27	0s 4	6s57	2s 8	22s51	0s 5	22s 3
S 2	18 1	23 23	4 59	14 33	1 22	6 56	1 8	7 21	0 54	23 27	0 4	6 58	2 8	22 51	0 5	22 3
M 3	17 46	19 36	4 49	13 52	1 17	6 26	1 5	7 6	0 53	23 27	0 4	6 59	2 8	22 51	0 5	22 3
T 4	17 30	14 53	4 24	13 11	1 11	5 56	1 3	6 51	0 53	23 28	0 4	7 1	2 8	22 51	0 5	22 3
W 5	17 14	9 28	3 45	12 30	1 5	5 26	1 0	6 36	0 52	23 28	0 4	7 2	2 9	22 51	0 5	22 3
T 6	16 58	3 34	2 54	11 49	0 59	4 56	0 58	6 21	0 51	23 28	0 4	7 4	2 9	22 50	0 5	22 3
F 7	16 42	2s36	1 54	11 7	0 52	4 26	0 55	6 6	0 51	23 29	0 4	7 5	2 9	22 50	0 5	22 3
S 8	16 25	8 45	0 45	10 25	0 45	3 55	0 52	5 51	0 50	23 29	0 4	7 7	2 9	22 50	0 5	22 3
S 9	16 8	14 36	0s27	9 43	0 38	3 25	0 49	5 35	0 50	23 29	0 5	7 8	2 9	22 50	0 5	22 3
M10	15 51	19 50	1 39	9 2	0 30	2 54	0 46	5 20	0 49	23 29	0 5	7 10	2 9	22 50	0 5	22 3
T 11	15 33	24 3	2 46	8 20	0 23	2 23	0 43	5 5	0 49	23 29	0 5	7 11	2 10	22 50	0 5	22 3
W12	15 16	26 50	3 43	7 38	0 15	1 52	0 40	4 49	0 48	23 30	0 5	7 13	2 10	22 50	0 5	22 3
T 13	14 58	27 50	4 28	6 57	0 6	1 22	0 37	4 34	0 48	23 30	0 5	7 15	2 10	22 50	0 5	22 3
F 14	14 39	26 52	4 54	6 15	0s 2	0 51	0 34	4 18	0 47	23 30	0 5	7 16	2 10	22 50	0 5	22 3
S 15	14 21	24 3	5 2	5 34	0 11	0 20	0 30	4 3	0 46	23 30	0 5	7 18	2 10	22 50	0 5	22 3
S 16	14 2	19 43	4 49	4 54	0 20	0s11	0 27	3 47	0 46	23 31	0 5	7 20	2 10	22 50	0 5	22 3
M17	13 43	14 18	4 19	4 13	0 29	0 42	0 24	3 32	0 45	23 31	0 6	7 21	2 11	22 50	0 5	22 3
T 18	13 24	8 17	3 33	3 34	0 38	1 13	0 20	3 16	0 45	23 31	0 6	7 23	2 11	22 50	0 5	22 3
W19	13 5	2 3	2 37	2 54	0 47	1 44	0 17	3 0	0 44	23 31	0 6	7 25	2 11	22 50	0 5	22 3
T 20	12 45	4n 6	1 33	2 15	0 56	2 15	0 13	2 45	0 44	23 31	0 6	7 27	2 11	22 50	0 5	22 3
F 21	12 26	9 55	0 27	1 37	1 6	2 46	0 10	2 29	0 43	23 31	0 6	7 28	2 11	22 50	0 5	22 3
S 22	12 6	15 11	0n39	0 59	1 15	3 17	0 6	2 13	0 43	23 32	0 6	7 30	2 11	22 50	0 5	22 3
S 23	11 46	19 45	1 42	0 22	1 25	3 48	0 2	1 58	0 42	23 32	0 6	7 32	2 11	22 50	0 5	22 3
M24	11 25	23 26	2 40	0s14	1 34	4 18	0s 2	1 42	0 41	23 32	0 6	7 34	2 12	22 50	0 5	22 3
T 25	11 5	26 6	3 30	0 50	1 44	4 49	0 6	1 26	0 41	23 32	0 6	7 35	2 12	22 50	0 5	22 3
W26	10 44	27 37	4 11	1 24	1 54	5 20	0 9	1 10	0 40	23 32	0 7	7 37	2 12	22 50	0 5	22 3
T 27	10 23	27 51	4 41	1 58	2 3	5 50	0 13	0 54	0 40	23 32	0 7	7 39	2 12	22 50	0 5	22 3
F 28	10 2	26 46	5 0	2 30	2 13	6 20	0 17	0 38	0 39	23 32	0 7	7 41	2 12	22 50	0 5	22 3
S 29	9 41	24 25	5 5	3 2	2 22	6 51	0 21	0 22	0 39	23 33	0 7	7 43	2 12	22 50	0 5	22 3
S 30	9 20	20 53	4 55	3 32	2 31	7 21	0 25	0 6	0 38	23 33	0 7	7 45	2 12	22 50	0 5	22 4
M31	8n58	16n20	4n32	4s 1	2s40	7s51	0s30	0s 9	0n37	23s33	0s 7	7s46	2s12	22s50	0s 5	22s 4

Julian Day Number = 2385282.5, Delta T = 16.71 sec
Ecliptic obliquity = 23°27'54, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°12'26, Lahiri = 21°19'26

ASTRODIENST EPHEMERIS for the year 1818
geocentric

SEPTEMBER 1818

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 38 14	7 ^h 54'36"	11 ^h 11'	4 ^h 43'	20 ^h 0'	2 ^h 29'	3 ^h 8'	15 ^h R23	16 ^h 10'	23 ^h R44	25 ^h R45	0 ^h R54	2 ^h 15'	24 ^h II47	23 ^h R55	T 1
W 2	22 42 10	8 ^h 52'46"	24 ^h 19'	5 ^h 28'	21 ^h 8'	3 ^h 8'	3 ^h 9'	15 ^h 18'	16 ^h 11'	23 ^h 44'	25 ^h 44'	0 ^h 47'	2 ^h 12'	24 ^h 54'	23 ^h 52'	W 2
T 3	22 46 7	9 ^h 50'56"	7 ^h 40'	6 ^h 10'	22 ^h 17'	3 ^h 47'	3 ^h 9'	15 ^h 13'	16 ^h 11'	23 ^h 44'	25 ^h 43'	0 ^h 42'	2 ^h 9'	25 ^h 0'	23 ^h 49'	T 3
F 4	22 50 3	10 ^h 49'09"	21 ^h 12'	6 ^h 47'	23 ^h 25'	4 ^h 26'	3 ^h 10'	15 ^h 9'	16 ^h 12'	23 ^h 44'	25 ^h 42'	0 ^h 40'	2 ^h 6'	25 ^h 7'	23 ^h 47'	F 4
S 5	22 54 0	11 ^h 47'23"	4 ^h 54'	7 ^h 21'	24 ^h 34'	5 ^h 5'	3 ^h 11'	15 ^h 4'	16 ^h 12'	23 ^h 44'	25 ^h 40'	0 ^h D39	2 ^h 3'	25 ^h 14'	23 ^h 44'	S 5
S 6	22 57 56	12 ^h 45'39"	18 ^h 44'	7 ^h 50'	25 ^h 42'	5 ^h 44'	3 ^h 12'	15 ^h 0'	16 ^h 13'	23 ^h D44	25 ^h 39'	0 ^h 40'	1 ^h 59'	25 ^h 20'	23 ^h 41'	S 6
M 7	23 1 53	13 ^h 43'56"	2 ^h 43'	8 ^h 14'	26 ^h 50'	6 ^h 23'	3 ^h 13'	14 ^h 55'	16 ^h 13'	23 ^h 44'	25 ^h 38'	0 ^h 41'	1 ^h 56'	25 ^h 27'	23 ^h 38'	M 7
T 8	23 5 49	14 ^h 42'14"	16 ^h 50'	8 ^h 34'	27 ^h 58'	7 ^h 2'	3 ^h 15'	14 ^h 50'	16 ^h 14'	23 ^h 44'	25 ^h 37'	0 ^h R42	1 ^h 53'	25 ^h 34'	23 ^h 36'	T 8
W 9	23 9 46	15 ^h 40'35"	1 ^h 3'	8 ^h 48'	29 ^h 6'	7 ^h 41'	3 ^h 16'	14 ^h 46'	16 ^h 15'	23 ^h 44'	25 ^h 36'	0 ^h 41'	1 ^h 50'	25 ^h 41'	23 ^h 33'	W 9
T 10	23 13 43	16 ^h 38'56"	15 ^h 20'	8 ^h 56'	0 ^h 13'	8 ^h 20'	3 ^h 18'	14 ^h 41'	16 ^h 15'	23 ^h 44'	25 ^h 35'	0 ^h 38'	1 ^h 47'	25 ^h 47'	23 ^h 30'	T 10
F 11	23 17 39	17 ^h 37'20"	29 ^h 39'	8 ^h R59	1 ^h 21'	8 ^h 59'	3 ^h 20'	14 ^h 37'	16 ^h 16'	23 ^h 44'	25 ^h 33'	0 ^h 33'	1 ^h 44'	25 ^h 54'	23 ^h 27'	F 11
S 12	23 21 36	18 ^h 35'45"	13 ^h 54'	8 ^h 55'	2 ^h 28'	9 ^h 39'	3 ^h 23'	14 ^h 32'	16 ^h 17'	23 ^h 44'	25 ^h 32'	0 ^h 27'	1 ^h 40'	26 ^h 1'	23 ^h 25'	S 12
S 13	23 25 32	19 ^h 34'11"	28 ^h 2'	8 ^h 44'	3 ^h 35'	10 ^h 18'	3 ^h 25'	14 ^h 28'	16 ^h 18'	23 ^h 44'	25 ^h 31'	0 ^h 21'	1 ^h 37'	26 ^h 7'	23 ^h 22'	S 13
M14	23 29 29	20 ^h 32'39"	11 ^h 58'	8 ^h 27'	4 ^h 43'	10 ^h 58'	3 ^h 28'	14 ^h 23'	16 ^h 19'	23 ^h 45'	25 ^h 30'	0 ^h 14'	1 ^h 34'	26 ^h 14'	23 ^h 19'	M14
T 15	23 33 25	21 ^h 31'09"	25 ^h 38'	8 ^h 3'	5 ^h 50'	11 ^h 37'	3 ^h 30'	14 ^h 18'	16 ^h 20'	23 ^h 45'	25 ^h 29'	0 ^h 9'	1 ^h 31'	26 ^h 21'	23 ^h 16'	T 15
W16	23 37 22	22 ^h 29'41"	8 ^h 58'	7 ^h 32'	6 ^h 56'	12 ^h 16'	3 ^h 33'	14 ^h 14'	16 ^h 21'	23 ^h 45'	25 ^h 27'	0 ^h 5'	1 ^h 28'	26 ^h 27'	23 ^h 13'	W16
T 17	23 41 18	23 ^h 28'15"	21 ^h 58'	6 ^h 54'	8 ^h 3'	12 ^h 56'	3 ^h 36'	14 ^h 9'	16 ^h 22'	23 ^h 46'	25 ^h 26'	0 ^h 4'	1 ^h 25'	26 ^h 34'	23 ^h 11'	T 17
F 18	23 45 15	24 ^h 26'51"	4 ^h 39'	6 ^h 10'	9 ^h 10'	13 ^h 36'	3 ^h 40'	14 ^h 5'	16 ^h 23'	23 ^h 46'	25 ^h 25'	0 ^h D 3	1 ^h 21'	26 ^h 41'	23 ^h 8'	F 18
S 19	23 49 12	25 ^h 25'30"	17 ^h 2'	5 ^h 19'	10 ^h 16'	14 ^h 15'	3 ^h 43'	14 ^h 0'	16 ^h 24'	23 ^h 46'	25 ^h 24'	0 ^h 4'	1 ^h 18'	26 ^h 48'	23 ^h 5'	S 19
S 20	23 53 8	26 ^h 24'10"	29 ^h 10'	4 ^h 23'	11 ^h 22'	14 ^h 55'	3 ^h 47'	13 ^h 56'	16 ^h 26'	23 ^h 47'	25 ^h 23'	0 ^h 6'	1 ^h 15'	26 ^h 54'	23 ^h 2'	S 20
M21	23 57 5	27 ^h 22'53"	11 ^h II 8	3 ^h 23'	12 ^h 28'	15 ^h 35'	3 ^h 51'	13 ^h 52'	16 ^h 27'	23 ^h 47'	25 ^h 21'	0 ^h 8'	1 ^h 12'	27 ^h 1'	22 ^h 59'	M21
T 22	0 1 1	28 ^h 21'38"	23 ^h 1'	2 ^h 19'	13 ^h 34'	16 ^h 14'	3 ^h 55'	13 ^h 47'	16 ^h 28'	23 ^h 48'	25 ^h 20'	0 ^h R 9	1 ^h 9'	27 ^h 8'	22 ^h 57'	T 22
W23	0 4 58	29 ^h 20'25"	4 ^h 52'	1 ^h 14'	14 ^h 40'	16 ^h 54'	3 ^h 59'	13 ^h 43'	16 ^h 30'	23 ^h 48'	25 ^h 19'	0 ^h 9'	1 ^h 5'	27 ^h 14'	22 ^h 54'	W23
T 24	0 8 54	0 ^h 19'15"	16 ^h 48'	0 ^h 7'	15 ^h 46'	17 ^h 34'	4 ^h 3'	13 ^h 38'	16 ^h 31'	23 ^h 49'	25 ^h 18'	0 ^h 7'	1 ^h 2'	27 ^h 21'	22 ^h 51'	T 24
F 25	0 12 51	1 ^h 18'06"	28 ^h 53'	29 ^h 11'	16 ^h 51'	18 ^h 14'	4 ^h 8'	13 ^h 34'	16 ^h 32'	23 ^h 50'	25 ^h 17'	0 ^h 5'	0 ^h 59'	27 ^h 28'	22 ^h 48'	F 25
S 26	0 16 47	2 ^h 17'00"	11 ^h II 10	28 ^h 0'	17 ^h 56'	18 ^h 54'	4 ^h 13'	13 ^h 30'	16 ^h 34'	23 ^h 50'	25 ^h 15'	0 ^h 1'	0 ^h 56'	27 ^h 34'	22 ^h 46'	S 26
S 27	0 20 44	3 ^h 15'56"	23 ^h 43'	27 ^h 3'	19 ^h 1'	19 ^h 34'	4 ^h 18'	13 ^h 26'	16 ^h 36'	23 ^h 51'	25 ^h 14'	29 ^h V57	0 ^h 53'	27 ^h 41'	22 ^h 43'	S 27
M28	0 24 41	4 ^h 14'55"	6 ^h 35'	26 ^h 11'	20 ^h 6'	20 ^h 14'	4 ^h 23'	13 ^h 22'	16 ^h 37'	23 ^h 52'	25 ^h 13'	29 ^h 53'	0 ^h 50'	27 ^h 48'	22 ^h 40'	M28
T 29	0 28 37	5 ^h 13'55"	19 ^h 45'	25 ^h 27'	21 ^h 11'	20 ^h 54'	4 ^h 28'	13 ^h 18'	16 ^h 39'	23 ^h 52'	25 ^h 12'	29 ^h 49'	0 ^h 46'	27 ^h 55'	22 ^h 37'	T 29
W30	0 32 34	6 ^h 12'58"	3 ^h 14'	24 ^h 52'	22 ^h 15'	21 ^h 34'	4 ^h 33'	13 ^h 13'	16 ^h 41'	23 ^h 53'	25 ^h 11'	29 ^h V46	0 ^h 43'	28 ^h II 1	22 ^h 35'	W30

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
T 1	8n37	10n59	3n53	4s28	2s49	8s21	0s34	0s25	0n37	23s33	0s 7	7s48	2s12	22s50	0s 5	22s 4	1n15	16s34	16s15	11n48	12n16	27n27	1n29	4n16			
W 2	8 15	5 3	3 2	4 54	2 58	8 51	0 38	0 41	0 36	23 33	0 7	7 50	2 12	22 50	0 5	22 4	1 15	16 34	16 15	11 45	12 15	27 28	1 28	4 16			
T 3	7 53	1s12	2 0	5 18	3 7	9 20	0 42	0 57	0 36	23 33	0 7	7 52	2 13	22 50	0 5	22 4	1 15	16 35	16 15	11 44	12 14	27 28	1 27	4 16			
F 4	7 31	7 30	0 51	5 41	3 15	9 50	0 46	1 13	0 35	23 33	0 7	7 54	2 13	22 50	0 5	22 4	1 15	16 35	16 16	11 43	12 13	27 29	1 26	4 16			
S 5	7 9	13 32	0s23	6 1	3 23	10 19	0 51	1 29	0 35	23 33	0 8	7 56	2 13	22 50	0 5	22 4	1 15	16 36	16 16	11 43	12 12	27 30	1 25	4 16			
S 6	6 47	18 57	1 36	6 20	3 30	10 48	0 55	1 45	0 34	23 33	0 8	7 57	2 13	22 50	0 5	22 4	1 15	16 37	16 16	11 43	12 11	27 31	1 24	4 16			
M 7	6 24	23 25	2 44	6 36	3 37	11 17	0 59	2 1	0 34	23 33	0 8	7 59	2 13	22 50	0 5	22 4	1 15	16 37	16 16	11 44	12 10	27 32	1 23	4 16			
T 8	6 2	26 31	3 43	6 49	3 44	11 45	1 4	2 17	0 33	23 33	0 8	8 1	2 13	22 50	0 5	22 4	1 15	16 38	16 16	11 44	12 9	27 32	1 22	4 16			
W 9	5 39	27 56	4 29	7 0	3 50	12 13	1 8	2 33	0 32	23 33	0 8	8 3	2 13	22 50	0 5	22 4	1 15	16 38	16 16	11 43	12 7	27 33	1 21	4 15			
T 10	5 17	27 31	4 58	7 8	3 55	12 42	1 12	2 49	0 32	23 34	0 8	8 5	2 13	22 50	0 5	22 4	1 15	16 39	16 16	11 42	12 6	27 34	1 20	4 15			
F 11	4 54	25 16	5 9	7 13	3 59	13 9	1 17	3 5	0 31	23 34	0 8	8 7	2 13	22 50	0 5	22 4	1 15	16 39	16 16	11 41	12 5	27 35	1 19	4 15			
S 12	4 31	21 28	5 0	7 14	4 2	13 37	1 21	3 21	0 31	23 34	0 8	8 8	2 13	22 50	0 5	22 4	1 15	16 40	16 16	11 39	12 4	27 35	1 17	4 15			
S 13	4 8	16 27	4 34	7 12	4 4	14 4	1 26	3 37	0 30	23 34	0 8	8 10	2 13	22 51	0 5	22 4	1 15	16 40	16 16	11 36	12 3	27 36	1 16	4 15			
M14	3 45	10 38	3 51	7 6	4 5	14 31	1 30	3 53	0 30	23 34	0 8	8 12	2 13	22 51	0 5	22 4	1 15	16 41	16 16	11 34	12 2	27 37	1 15	4 15			
T 15	3 22	4 26	2 56	6 56	4 4	14 58	1 35	4 9	0 29	23 34	0 9	8 14	2 13	22 51	0 5	22 4	1 15	16 41	16 16	11 32	12 1	27 37	1 14	4 15			
W16	2 59	1n50	1 52	6 42	4 2	15 24	1 39	4 25	0 28	23 34	0 9	8 16	2 13	22 51	0 5	22 4	1 15	16 42	16 16	11 31	12 0	27 38	1 13	4 15			
T 17	2 36	7 53	0 44	6 24	3 59	15 50	1 43	4 41	0 28	23 34	0 9	8 17	2 13	22 51	0 5	22 4	1 15	16 42	16 16	11 30	11 59	27 39	1 12	4 15			
F 18	2 12	13 29	0n25	6 1	3 53	16 16	1 48	4 57	0 27	23 34	0 9	8 19	2 13	22 51	0 5	22 5	1 15	16 43	16 16	11 30	11 58	27 39	1 10	4 15			
S 19	1 49	18 24	1 31	5 34	3 46	16 41	1 52	5 13	0 27	23 34	0 9	8 21	2 13	22 51	0 5	22 5	1 15	16 43	16 17	11 31	11 56	27 40	1 9				
S 20	1 26	22 28	2 32	5 4	3 37	17 7	1 57	5 29	0 26	23 34	0 9	8 23	2 13	22 51	0 5	22 5	1 15	16 44	16 17	11 31	11 55	27 41	1 8	4 15			
M21	1 3	25 32	3 26	4 29	3 25	17 31	2 1	5 45	0 26	23 34	0 9	8 24	2 13	22 51	0 5	22 5	1 14	16 44	16 17	11 32	11 54	27 41	1 7	4 15			
T 22	0 39	27 26	4 10	3 52	3 12	17 56	2 6	6 1	0 25	23 34	0 9	8 26	2 13	22 52	0 5	22 5	1 14	16 45	16 17	11 32	11 53	27 42	1 6	4 15			
W23	0 16	28 6	4 43	3 12	2 58	18 19	2 10	6 16	0 24	23 34	0 9	8 28	2 13	22 52	0 5	22 5	1 14	16 45	16 17	11 32	11 52	27 43	1 5	4 15			
T24	0s 8	27 27	5 5	2 31	2 41	18 43	2 14	6 32	0 24	23 34	0 9	8 29	2 13	22 52	0 5	22 5	1 14	16 46	16 16	11 32	11 51	27 43	1 3	4 14			
F 25	0 31	25 30	5 13	1 48	2 23	19 6	2 19	6 48	0 23	23 34	0 9	8 31	2 13	22 52	0 5	22 5	1 14	16 46	16 16	11 31	11 50	27 44	1 2	4 14			
S 26	0 55	22 22	5 7	1 6	2 4	19 29	2 23	7 4	0 23	23 33	0 10	8 32	2 13	22 52	0 5	22 5	1 14	16 47	16 16	11 29	11 49	27 45	1 1	4 14			
S 27	1 18	18 8	4 47	0 25	1 44	19 51	2 27	7 19	0 22	23 33	0 10	8 34	2 13	22 52	0 5	22 5	1 14	16 47	16 16	11 28	11 48	27 45	1 0	4 14			
M28	1 41	13 0	4 11	0n14	1 24	20 13	2 32	7 35	0 22	23 33	0 10	8 36	2 13	22 53	0 5	22 5	1 14	16 48	16 16	11 26	11 46	27 46	0 59	4 14			
T 29	2 5	7 10	3 22	0 50	1 4	20 35	2 36	7 51	0 21	23 33	0 10	8 37	2 13	22 53	0 5	22 5	1 14	16 48	16 16	11 25	11 45	27 46	0 57	4 14			
W30	2s28	0n52	2n21	1n22	0s44	20s56	2s40	8s 6	0n20	23s33	0s10	8s39	2s13	22s53	0s 5	22s 5	1n14	16s48	16s16	11n24	11n44	27n47	0n56	4n14			

ASTRODIENST EPHEMERIS for the year 1818

geocentric

NOVEMBER 1818

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 38 43	7♏59°35'	9♊7	2♏23	23♊47	13♏26	8♏44	11°R41	17♊58	24♊34	24°R38	29°R43	29°Y 2	1♏36	21°R22	S 1
M 2	2 42 40	8°59'43	23°50	4° 2	24°39	14° 8	8°54	11°K39	18° 1	24°35	24°K37	29°Y41	28°58	1°42	21°K21	M 2
T 3	2 46 36	9°59'54	8♏27	5°40	25°29	14°50	9° 4	11°38	18° 4	24°37	24°36	29°40	28°55	1°49	21°19	T 3
W 4	2 50 33	11° 0'05	22°53	7°19	26°19	15°32	9°15	11°37	18° 7	24°39	24°35	29°39	28°52	1°56	21°17	W 4
T 5	2 54 30	12° 0'18	7♏4	8°57	27° 8	16°14	9°25	11°36	18°10	24°41	24°34	29°D39	28°49	2° 3	21°16	T 5
F 6	2 58 26	13° 0'33	20°58	10°34	27°56	16°56	9°35	11°35	18°13	24°43	24°34	29°39	28°46	2° 9	21°14	F 6
S 7	3 2 23	14° 0'49	4♏35	12°12	28°44	17°38	9°46	11°34	18°17	24°44	24°33	29°40	28°42	2°16	21°13	S 7
S 8	3 6 19	15° 1'06	17°55	13°49	29°30	18°20	9°57	11°33	18°20	24°46	24°32	29°41	28°39	2°23	21°12	S 8
M 9	3 10 16	16° 1'25	1°Y 0	15°25	0♏16	19° 2	10° 7	11°32	18°23	24°48	24°32	29°42	28°36	2°29	21°10	M 9
T 10	3 14 12	17° 1'45	13°50	17° 1	1° 0	19°45	10°18	11°31	18°26	24°50	24°31	29°43	28°33	2°36	21° 9	T 10
W11	3 18 9	18° 2'07	26°28	18°37	1°44	20°27	10°29	11°31	18°29	24°52	24°30	29°R44	28°30	2°43	21° 8	W11
T 12	3 22 5	19° 2'31	8♏55	20°13	2°27	21° 9	10°40	11°31	18°33	24°54	24°30	29°44	28°27	2°50	21° 7	T 12
F 13	3 26 2	20° 2'56	21°12	21°48	3° 8	21°52	10°51	11°30	18°36	24°56	24°29	29°42	28°23	2°56	21° 6	F 13
S 14	3 29 59	21° 3'22	3♏19	23°23	3°48	22°34	11° 3	11°30	18°39	24°58	24°28	29°40	28°20	3° 3	21° 4	S 14
S 15	3 33 55	22° 3'51	15°20	24°58	4°28	23°16	11°14	11°D30	18°43	25° 0	24°28	29°37	28°17	3°10	21° 3	S 15
M16	3 37 52	23° 4'21	27°15	26°32	5° 6	23°59	11°25	11°30	18°46	25° 2	24°27	29°33	28°14	3°16	21° 3	M16
T 17	3 41 48	24° 4'53	9♏6	28° 6	5°42	24°42	11°37	11°30	18°49	25° 4	24°27	29°28	28°11	3°23	21° 2	T 17
W18	3 45 45	25° 5'26	20°57	29°40	6°18	25°24	11°48	11°30	18°53	25° 6	24°26	29°24	28° 8	3°30	21° 1	W18
T 19	3 49 41	26° 6'02	2♏51	1♊14	6°52	26° 7	12° 0	11°31	18°56	25° 8	24°26	29°21	28° 4	3°37	21° 0	T 19
F 20	3 53 38	27° 6'39	14°52	2°48	7°25	26°50	12°12	11°31	19° 0	25°10	24°25	29°19	28° 1	3°43	20°59	F 20
S 21	3 57 34	28° 7'17	27° 4	4°21	7°56	27°32	12°24	11°32	19° 3	25°12	24°25	29°D18	27°58	3°50	20°59	S 21
S 22	4 1 31	29° 7'57	9♏31	5°55	8°25	28°15	12°35	11°32	19° 7	25°14	24°25	29°19	27°55	3°57	20°58	S 22
M23	4 5 28	0♊8'39	22°19	7°28	8°53	28°58	12°47	11°33	19°10	25°16	24°24	29°20	27°52	4° 3	20°57	M23
T 24	4 9 24	1° 9'23	5♏32	9° 1	9°20	29°41	13° 0	11°34	19°14	25°18	24°24	29°22	27°48	4°10	20°57	T 24
W25	4 13 21	2°10'08	19°11	10°34	9°44	0♊24	13°12	11°35	19°17	25°20	24°23	29°23	27°45	4°17	20°56	W25
T 26	4 17 17	3°10'54	3♏18	12° 6	10° 7	1° 7	13°24	11°36	19°21	25°22	24°23	29°R23	27°42	4°23	20°56	T 26
F 27	4 21 14	4°11'43	17°50	13°39	10°28	1°50	13°36	11°37	19°24	25°24	24°23	29°22	27°39	4°30	20°56	F 27
S 28	4 25 10	5°12'32	2♊43	15°11	10°48	2°34	13°49	11°38	19°28	25°26	24°23	29°19	27°36	4°37	20°55	S 28
S 29	4 29 7	6°13'23	17°50	16°44	11° 5	3°17	14° 1	11°40	19°31	25°29	24°22	29°14	27°33	4°44	20°55	S 29
M30	4 33 4	7♊14'15	2♏59	18♊16	11♏20	4♊0	14♏14	11°K41	19°K35	25°K31	24°K22	29°Y 9	27°Y29	4°50	20°K55	M30

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
S 1	14s11	25s 9	3s21	11s24	0n58	27s31	4s12	15s52	0n 1	23s23	0s12	9s11	2s10	23s 0	0s 5	22s 9	1n13	16s57	16s11	11n23	11n 8	28n 1	0n22	4n 8	
M 2	14 31	27 36	4 17	12 4	0 52	27 34	4 13	16 5	0 1	23 22	0 13	9 12	2 10	23 1	0 5	22 9	1 13	16 57	16 11	11 23	11 7	28 2	0 21	4 7	
T 3	14 50	28 6	4 55	12 43	0 45	27 36	4 13	16 18	0 0	23 22	0 13	9 12	2 9	23 1	0 5	22 9	1 13	16 57	16 11	11 22	11 6	28 2	0 20	4 7	
W 4	15 9	26 41	5 14	13 22	0 38	27 38	4 14	16 31	0s 0	23 21	0 13	9 12	2 9	23 1	0 5	22 9	1 13	16 57	16 11	11 22	11 5	28 2	0 20	4 7	
T 5	15 27	23 35	5 14	14 0	0 32	27 40	4 14	16 44	0 1	23 21	0 13	9 13	2 9	23 2	0 5	22 9	1 13	16 57	16 10	11 22	11 4	28 3	0 19	4 7	
F 6	15 46	19 10	4 55	14 37	0 25	27 41	4 14	16 56	0 2	23 20	0 13	9 13	2 9	23 2	0 5	22 9	1 12	16 58	16 10	11 22	11 3	28 3	0 18	4 6	
S 7	16 4	13 52	4 20	15 13	0 18	27 41	4 14	17 9	0 2	23 19	0 13	9 13	2 9	23 2	0 5	22 9	1 12	16 58	16 10	11 22	11 2	28 3	0 17	4 6	
S 8	16 22	8 1	3 31	15 49	0 12	27 41	4 13	17 21	0 3	23 18	0 13	9 13	2 9	23 2	0 5	22 9	1 12	16 58	16 10	11 22	11 0	28 4	0 16	4 6	
M 9	16 39	1 56	2 32	16 24	0 5	27 40	4 12	17 33	0 3	23 18	0 13	9 13	2 8	23 3	0 5	22 9	1 12	16 58	16 9	11 23	10 59	28 4	0 16	4 6	
T 10	16 56	4n 8	1 27	16 58	0s 2	27 39	4 11	17 45	0 4	23 17	0 13	9 14	2 8	23 3	0 5	22 10	1 12	16 58	16 9	11 23	10 58	28 4	0 15	4 5	
W11	17 13	9 57	0 18	17 31	0 9	27 37	4 10	17 57	0 5	23 16	0 13	9 14	2 8	23 3	0 5	22 10	1 12	16 58	16 9	11 23	10 57	28 4	0 14	4 5	
T 12	17 30	15 17	0n50	18 4	0 15	27 35	4 9	18 9	0 5	23 15	0 13	9 14	2 8	23 4	0 5	22 10	1 12	16 58	16 8	11 23	10 56	28 5	0 13	4 5	
F 13	17 46	19 56	1 56	18 35	0 22	27 33	4 7	18 21	0 6	23 15	0 13	9 14	2 8	23 4	0 5	22 10	1 12	16 58	16 8	11 23	10 55	28 5	0 13	4 5	
S 14	18 2	23 42	2 54	19 6	0 28	27 30	4 5	18 32	0 6	23 14	0 13	9 13	2 8	23 4	0 5	22 10	1 12	16 58	16 8	11 22	10 54	28 5	0 12	4 4	
S 15	18 18	26 23	3 45	19 36	0 35	27 26	4 3	18 43	0 7	23 13	0 14	9 13	2 7	23 4	0 5	22 10	1 12	16 58	16 8	11 21	10 53	28 5	0 11	4 4	
M16	18 34	27 51	4 25	20 4	0 41	27 22	4 0	18 55	0 8	23 12	0 14	9 13	2 7	23 5	0 5	22 10	1 12	16 57	16 7	11 19	10 51	28 5	0 11	4 4	
T 17	18 49	28 2	4 54	20 32	0 48	27 18	3 57	19 6	0 8	23 11	0 14	9 13	2 7	23 5	0 5	22 10	1 12	16 57	16 7	11 18	10 50	28 6	0 10	4 4	
W18	19 4	26 56	5 10	20 59	0 54	27 13	3 54	19 17	0 9	23 10	0 14	9 13	2 7	23 5	0 5	22 10	1 12	16 57	16 7	11 16	10 49	28 6	0 10	4 3	
T 19	19 18	24 37	5 13	21 24	1 0	27 8	3 51	19 27	0 9	23 9	0 14	9 12	2 7	23 6	0 5	22 10	1 12	16 57	16 6	11 15	10 48	28 6	0 9	4 3	
F 20	19 32	21 12	5 2	21 49	1 6	27 2	3 47	19 38	0 10	23 8	0 14	9 12	2 7	23 6	0 5	22 11	1 12	16 57	16 6	11 15	10 47	28 6	0 9	4 3	
S 21	19 46	16 51	4 37	22 13	1 12	26 56	3 43	19 48	0 11	23 7	0 14	9 12	2 6	23 6	0 5	22 11	1 12	16 57	16 6	11 14	10 46	28 6	0 8	4 2	
S 22	19 59	11 42	4 0	22 35	1 17	26 50	3 38	19 58	0 11	23 6	0 14	9 11	2 6	23 6	0 5	22 11	1 12	16 57	16 5	11 14	10 45	28 6	0 8	4 2	
M23	20 12	5 56	3 9	22 56	1 23	26 43	3 33	20 9	0 12	23 5	0 14	9 11	2 6	23 7	0 5	22 11	1 12	16 57	16 5	11 15	10 43	28 7	0 7	4 2	
T 24	20 25	0s16	2 7	23 16	1 28	26 36	3 28	20 18	0 12	23 4	0 14	9 10	2 6	23 7	0 5	22 11	1 12	16 57	16 5	11 16	10 42	28 7	0 7	4 2	
W25	20 37	6 40	0 56	23 35	1 33	26 28	3 22	20 28	0 13	23 3	0 14	9 10	2 6	23 7	0 5	22 11	1 12	16 56	16 4	11 16	10 41	28 7	0 6	4 1	
T 26	20 49	12 58	0s21	23 53	1 38	26 20	3 16	20 38	0 14	23 2	0 14	9 9	2 6	23 8	0 5	22 11	1 12	16 56	16 4	11 16	10 40	28 7	0 6	4 1	
F 27	21 0	18 45	1 39	24 10	1 43	26 12	3 10	20 47	0 14	23 0	0 14	9 9	2 5	23 8	0 5	22 11	1 12	16 56	16 4	11 16	10 39	28 7	0 5	4 1	
S 28	21 12	23 32	2 51	24 25	1 47	26 4	3 3	20 56	0 15	22 59	0 14	9 8	2 5	23 8	0 5	22 11	1 12	16 56	16 4	11 15	10 38	28 7	0 5	4 0	
S 29	21 22	26 46	3 53	24 39	1 52	25 55	2 56	21 5	0 15	22 58	0 15	9 7	2 5	23 8	0 5	22 11	1 12	16 56	16 3	11 13	10 37	28 7	0 5	4 0	
M30	21s33	28s 4	4s38	24s52	1s56	25s46	2s48	21s14	0s16	22s57	0s15	9s 7	2s 5	23s 9	0s 5	22s12	1n12	16s56	16s 3	11n11	10n35	28n 7	0n 4	4n	

ASTRODIENST EPHEMERIS for the year 1818
geocentric

DECEMBER 1818

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 37 0	8♂15'08	18♂1	19♂48	11♂33	4♂43	14♂26	11♂43	19♂39	25♂33	24♂R22	29♂R 3	27♂Y26	4♂57	20♂R55	T 1
W 2	4 40 57	9°16'02	2♂48	21°20	11°44	5°27	14°39	11°44	19°42	25°35	24♂K22	28♂Y57	27°23	5° 4	20♂K55	W 2
T 3	4 44 53	10°16'57	17°13	22°52	11°52	6°10	14°51	11°46	19°46	25°37	24°22	28°53	27°20	5°10	20°D55	T 3
F 4	4 48 50	11°17'52	1♂14	24°24	11°59	6°54	15° 4	11°48	19°49	25°40	24°21	28°51	27°17	5°17	20°55	F 4
S 5	4 52 46	12°18'48	14°49	25°55	12° 2	7°37	15°17	11°50	19°53	25°42	24°21	28°D50	27°14	5°24	20°55	S 5
S 6	4 56 43	13°19'45	28° 1	27°26	12°R 4	8°21	15°30	11°52	19°57	25°44	24°21	28°51	27°10	5°31	20°55	S 6
M 7	5 0 39	14°20'42	10♂Y53	28°57	12° 3	9° 4	15°43	11°54	20° 0	25°46	24°21	28°53	27° 7	5°37	20°55	M 7
T 8	5 4 36	15°21'40	23°28	0♂27	12° 0	9°48	15°56	11°57	20° 4	25°48	24°21	28°R54	27° 4	5°44	20°56	T 8
W 9	5 8 33	16°22'39	5♂49	1°57	11°54	10°32	16° 9	11°59	20° 7	25°51	24°D21	28°54	27° 1	5°51	20°56	W 9
T 10	5 12 29	17°23'38	18° 1	3°27	11°45	11°15	16°22	12° 2	20°11	25°53	24°21	28°52	26°58	5°57	20°56	T 10
F 11	5 16 26	18°24'38	0♂II 5	4°56	11°35	11°59	16°35	12° 4	20°15	25°55	24°21	28°47	26°54	6° 4	20°57	F 11
S 12	5 20 22	19°25'39	12° 3	6°24	11°21	12°43	16°48	12° 7	20°18	25°57	24°21	28°40	26°51	6°11	20°57	S 12
S 13	5 24 19	20°26'41	23°58	7°51	11° 5	13°27	17° 2	12°10	20°22	26° 0	24°21	28°31	26°48	6°18	20°58	S 13
M14	5 28 15	21°27'43	5♂51	9°16	10°47	14°11	17°15	12°13	20°26	26° 2	24°21	28°21	26°45	6°24	20°58	M14
T 15	5 32 12	22°28'46	17°43	10°41	10°26	14°55	17°28	12°16	20°29	26° 4	24°22	28° 9	26°42	6°31	20°59	T 15
W16	5 36 8	23°29'50	29°36	12° 4	10° 4	15°39	17°42	12°19	20°33	26° 7	24°22	27°59	26°39	6°38	21° 0	W16
T 17	5 40 5	24°30'55	11♂J31	13°25	9°39	16°23	17°55	12°22	20°37	26° 9	24°22	27°49	26°35	6°44	21° 1	T 17
F 18	5 44 2	25°32'00	23°33	14°44	9°12	17° 7	18° 9	12°25	20°40	26°11	24°22	27°42	26°32	6°51	21° 2	F 18
S 19	5 47 58	26°33'06	5♂K43	16° 1	8°43	17°51	18°22	12°29	20°44	26°13	24°22	27°37	26°29	6°58	21° 2	S 19
S 20	5 51 55	27°34'13	18° 7	17°14	8°12	18°36	18°36	12°32	20°48	26°16	24°23	27°35	26°26	7° 5	21° 3	S 20
M21	5 55 51	28°35'20	0♂48	18°24	7°40	19°20	18°49	12°36	20°51	26°18	24°23	27°D34	26°23	7°11	21° 4	M21
T 22	5 59 48	29°36'29	13°51	19°29	7° 7	20° 4	19° 3	12°39	20°55	26°20	24°23	27°35	26°20	7°18	21° 6	T 22
W23	6 3 44	0♂37'37	27°20	20°30	6°32	20°49	19°17	12°43	20°58	26°22	24°23	27°R35	26°16	7°25	21° 7	W23
T 24	6 7 41	1°38'47	11♂L18	21°26	5°57	21°33	19°30	12°47	21° 2	26°25	24°24	27°34	26°13	7°32	21° 8	T 24
F 25	6 11 37	2°39'57	25°45	22°15	5°21	22°17	19°44	12°51	21° 6	26°27	24°24	27°31	26°10	7°38	21° 9	F 25
S 26	6 15 34	3°41'08	10♂J37	22°57	4°44	23° 2	19°58	12°55	21° 9	26°29	24°25	27°26	26° 7	7°45	21°10	S 26
S 27	6 19 31	4°42'19	25°49	23°32	4° 8	23°47	20°12	12°59	21°13	26°31	24°25	27°17	26° 4	7°52	21°12	S 27
M28	6 23 27	5°43'30	11♂I10	23°57	3°31	24°31	20°26	13° 3	21°16	26°34	24°25	27° 7	26° 0	7°58	21°13	M28
T 29	6 27 24	6°44'42	26°29	24°12	2°55	25°16	20°39	13° 7	21°20	26°36	24°26	26°56	25°57	8° 5	21°15	T 29
W30	6 31 20	7°45'53	11♂A34	24°R17	2°20	26° 1	20°53	13°12	21°24	26°38	24°26	26°46	25°54	8°12	21°16	W30
T 31	6 35 17	8♂47'05	26♂A16	24♂I11	1♂45	26♂A45	21♂I 7	13♂K16	21♂A27	26♂A40	24♂K27	26♂Y38	25♂Y51	8♂E19	21♂K18	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
T 1	21s42	27s16	5s 4	25s 3	1s59	25s37	2s40	21s23	0s17	22s56	0s15	9s 6	2s 5	23s 9	0s 5	22s12
W 2	21 52	24 34	5 9	25 13	2 3	25 27	2 31	21 31	0 17	22 54	0 15	9 5	2 5	23 9	0 5	22 12
T 3	22 1	20 21	4 54	25 22	2 6	25 17	2 22	21 39	0 18	22 53	0 15	9 4	2 4	23 10	0 5	22 12
F 4	22 9	15 7	4 22	25 29	2 9	25 7	2 12	21 47	0 18	22 52	0 15	9 3	2 4	23 10	0 5	22 12
S 5	22 18	9 18	3 36	25 35	2 11	24 57	2 2	21 55	0 19	22 50	0 15	9 2	2 4	23 10	0 5	22 12
S 6	22 25	3 13	2 39	25 40	2 13	24 46	1 51	22 3	0 20	22 49	0 15	9 2	2 4	23 10	0 6	22 12
M 7	22 33	2n50	1 36	25 43	2 15	24 35	1 40	22 10	0 20	22 47	0 15	9 1	2 4	23 11	0 6	22 12
T 8	22 40	8 40	0 29	25 44	2 17	24 24	1 29	22 17	0 21	22 46	0 15	8 59	2 4	23 11	0 6	22 12
W 9	22 46	14 4	0n37	25 45	2 18	24 12	1 17	22 24	0 21	22 44	0 15	8 58	2 3	23 11	0 6	22 12
T 10	22 52	18 50	1 41	25 43	2 18	24 1	1 4	22 31	0 22	22 43	0 15	8 57	2 3	23 12	0 6	22 12
F 11	22 58	22 47	2 40	25 40	2 18	23 49	0 51	22 37	0 23	22 41	0 15	8 56	2 3	23 12	0 6	22 13
S 12	23 3	25 44	3 31	25 36	2 17	23 37	0 38	22 44	0 23	22 40	0 16	8 55	2 3	23 12	0 6	22 13
S 13	23 7	27 31	4 12	25 30	2 16	23 24	0 24	22 50	0 24	22 38	0 16	8 54	2 3	23 12	0 6	22 13
M14	23 11	28 2	4 42	25 23	2 15	23 12	0 10	22 56	0 24	22 37	0 16	8 52	2 3	23 13	0 6	22 13
T 15	23 15	27 14	5 0	25 14	2 12	22 59	0n 4	23 1	0 25	22 35	0 16	8 51	2 2	23 13	0 6	22 13
W16	23 18	25 13	5 4	25 4	2 9	22 46	0 19	23 7	0 26	22 33	0 16	8 50	2 2	23 13	0 6	22 13
T 17	23 21	22 5	4 56	24 52	2 5	22 33	0 34	23 12	0 26	22 32	0 16	8 48	2 2	23 14	0 6	22 13
F 18	23 23	18 0	4 34	24 39	2 1	22 19	0 50	23 17	0 27	22 30	0 16	8 47	2 2	23 14	0 6	22 13
S 19	23 25	13 9	4 0	24 25	1 55	22 6	1 5	23 22	0 27	22 28	0 16	8 46	2 2	23 14	0 6	22 13
S 20	23 27	7 41	3 14	24 9	1 49	21 52	1 21	23 26	0 28	22 26	0 16	8 44	2 2	23 14	0 6	22 13
M21	23 27	1 47	2 18	23 53	1 42	21 38	1 36	23 31	0 29	22 25	0 16	8 43	2 1	23 15	0 6	22 13
T 22	23 28	4s21	1 13	23 35	1 34	21 24	1 52	23 35	0 29	22 23	0 16	8 41	2 1	23 15	0 6	22 13
W23	23 28	10 31	0 1	23 17	1 24	21 11	2 8	23 38	0 30	22 21	0 16	8 40	2 1	23 15	0 6	22 13
T 24	23 27	16 23	1s12	22 58	1 14	20 57	2 23	23 42	0 30	22 19	0 17	8 38	2 1	23 15	0 6	22 13
F 25	23 26	21 33	2 24	22 39	1 2	20 43	2 39	23 45	0 31	22 17	0 17	8 36	2 1	23 16	0 6	22 14
S 26	23 25	25 29	3 28	22 19	0 50	20 29	2 54	23 48	0 31	22 15	0 17	8 35	2 1	23 16	0 6	22 14
S 27	23 23	27 42	4 18	22 0	0 36	20 16	3 8	23 51	0 32	22 13	0 17	8 33	2 1	23 16	0 6	22 14
M28	23 20	27 49	4 50	21 41	0 21	20 3	3 23	23 54	0 33	22 11	0 17	8 31	2 0	23 16	0 6	22 14
T 29	23 18	25 49	5 2	21 22	0 4	19 49	3 37	23 56	0 33	22 9	0 17	8 29	2 0	23 17	0 6	22 14
W30	23 14	22 0	4 52	21 4	0n13	19 37	3 50	23 58	0 34	22 7	0 17	8 28	2 0	23 17	0 6	22 14
T 31	23s10	16s53	4s23	20s48	0n31	19s24	4n 3	24s 0	0s34	22s 5	0s17	8s26	2s 0	23s17	0s 6	22s14

Julian Day Number = 2385404.5, Delta T = 16.71 sec
Ecliptic obliquity = 23°27'54, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°12'42, Lahiri = 21°19'43