



Astrodienst Ephemeris Tables for the year 1803

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 1803
geocentric

JANUARY 1803

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	6 38 45	9♌41'33	13♋25	5♊12	9♍R 6	29♍R55	5♎15	20♍R42	11♎21	22♍L58	5♈16	4♍R 0	5♈16	17♎24	25♌36	S 1
S 2	6 42 41	10°42'42	27°21	6°48	8♊29	29♋34	5°19	20♎42	11°22	22°59	5°17	3♈58	5°13	17°30	25°42	S 2
M 3	6 46 38	11°43'51	11♋7	8°24	7°53	29°12	5°22	20°42	11°22	23°1	5°18	3°54	5°9	17°37	25°49	M 3
T 4	6 50 34	12°45'00	24°44	10°0	7°17	28°52	5°26	20°42	11°23	23°3	5°19	3°49	5°6	17°44	25°55	T 4
W 5	6 54 31	13°46'09	8♋11	11°36	6°42	28°31	5°29	20°41	11°24	23°4	5°20	3°41	5°3	17°50	26°2	W 5
T 6	6 58 28	14°47'17	21°26	13°13	6°9	28°12	5°32	20°41	11°24	23°6	5°21	3°32	5°0	17°57	26°8	T 6
F 7	7 2 24	15°48'25	4♌27	14°51	5°36	27°53	5°34	20°40	11°25	23°7	5°23	3°23	4°57	18°4	26°15	F 7
S 8	7 6 21	16°49'33	17°15	16°28	5°5	27°34	5°37	20°40	11°25	23°9	5°24	3°15	4°54	18°10	26°21	S 8
S 9	7 10 17	17°50'41	29°48	18°7	4°36	27°16	5°39	20°39	11°26	23°10	5°25	3°8	4°50	18°17	26°28	S 9
M10	7 14 14	18°51'48	12♎7	19°45	4°9	26°59	5°42	20°38	11°26	23°12	5°26	3°3	4°47	18°24	26°34	M10
T 11	7 18 10	19°52'55	24°14	21°25	3°44	26°43	5°44	20°37	11°27	23°13	5°27	3°1	4°44	18°30	26°40	T 11
W12	7 22 7	20°54'01	6♎11	23°4	3°21	26°27	5°45	20°36	11°27	23°15	5°29	3°D 1	4°41	18°37	26°46	W12
T 13	7 26 3	21°55'08	18°1	24°44	3°0	26°12	5°47	20°34	11°27	23°16	5°30	3°2	4°38	18°43	26°53	T 13
F 14	7 30 0	22°56'14	29°48	26°25	2°42	25°58	5°49	20°33	11°27	23°17	5°31	3°3	4°35	18°50	26°59	F 14
S 15	7 33 57	23°57'19	11♎37	28°6	2°26	25°44	5°50	20°31	11°27	23°19	5°32	3°5	4°31	18°57	27°5	S 15
S 16	7 37 53	24°58'25	23°34	29°47	2°12	25°31	5°51	20°30	11°R27	23°20	5°34	3°R 6	4°28	19°3	27°11	S 16
M17	7 41 50	25°59'30	5♎44	1♌29	2°1	25°19	5°52	20°28	11°27	23°21	5°35	3°5	4°25	19°10	27°17	M17
T 18	7 45 46	27°0'35	18°11	3°12	1°52	25°8	5°53	20°26	11°27	23°23	5°36	3°3	4°22	19°17	27°23	T 18
W19	7 49 43	28°1'40	0♌59	4°54	1°46	24°58	5°53	20°24	11°27	23°24	5°38	2°59	4°19	19°23	27°29	W19
T 20	7 53 39	29°2'44	14°12	6°37	1°43	24°48	5°53	20°22	11°27	23°25	5°39	2°54	4°15	19°30	27°35	T 20
F 21	7 57 36	0♎3'48	27°51	8°21	1°D42	24°40	5°R53	20°20	11°27	23°26	5°40	2°49	4°12	19°37	27°41	F 21
S 22	8 1 32	1°4'52	11♊55	10°4	1°43	24°32	5°53	20°18	11°27	23°27	5°42	2°44	4°9	19°43	27°47	S 22
S 23	8 5 29	2°5'54	26°20	11°48	1°47	24°24	5°53	20°16	11°26	23°28	5°43	2°39	4°6	19°50	27°53	S 23
M24	8 9 26	3°6'56	10♎59	13°32	1°53	24°18	5°53	20°13	11°26	23°30	5°45	2°36	4°3	19°57	27°59	M24
T 25	8 13 22	4°7'57	25°47	15°15	2°1	24°13	5°52	20°11	11°25	23°31	5°46	2°D35	4°0	20°3	28°5	T 25
W26	8 17 19	5°8'56	10♋35	16°59	2°12	24°8	5°51	20°8	11°25	23°32	5°47	2°35	3°56	20°10	28°11	W26
T 27	8 21 15	6°9'55	25°17	18°41	2°24	24°4	5°50	20°6	11°24	23°33	5°49	2°36	3°53	20°17	28°16	T 27
F 28	8 25 12	7°10'52	9♋48	20°24	2°39	24°1	5°49	20°3	11°24	23°33	5°50	2°37	3°50	20°23	28°22	F 28
S 29	8 29 8	8°11'48	24°3	22°5	2°56	23°59	5°47	20°0	11°23	23°34	5°52	2°39	3°47	20°30	28°28	S 29
S 30	8 33 5	9°12'43	8♋1	23°45	3°15	23°57	5°46	19°57	11°22	23°35	5°53	2°R39	3°44	20°37	28°33	S 30
M31	8 37 1	10♎13'37	21♋41	25°23	3♊36	23°D57	5♎44	19♎54	11♎22	23♎36	5♈55	2♈39	3♈41	20♎43	28♌39	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	lat
S 1	23s 7	8n18	3n15	24s49	1s27	19s16	3n54	27n 1	3n33	0s53	1n19	5n36	2n 4	3s51	0n42	16s53	1n43	21s33	12s54	10s 3	9s36	3n59	18s 1	5n23
S 2	23 2	14 22	4 7	24 49	1 31	19 5	4 7	27 2	3 34	0 54	1 19	5 36	2 5	3 51	0 42	16 53	1 43	21 32	12 54	10 4	9 37	3 56	18 1	5 23
M 3	22 57	19 40	4 43	24 48	1 36	18 54	4 21	27 3	3 35	0 55	1 20	5 36	2 5	3 52	0 42	16 53	1 43	21 31	12 54	10 5	9 38	3 52	18 1	5 23
T 4	22 51	23 52	5 3	24 45	1 40	18 43	4 33	27 3	3 35	0 56	1 20	5 37	2 5	3 52	0 42	16 54	1 43	21 31	12 53	10 7	9 39	3 49	18 1	5 23
W 5	22 45	26 44	5 6	24 41	1 44	18 33	4 45	27 3	3 36	0 57	1 20	5 37	2 6	3 52	0 42	16 54	1 43	21 30	12 53	10 10	9 40	3 46	18 1	5 24
T 6	22 39	28 3	4 52	24 36	1 48	18 23	4 56	27 4	3 36	0 58	1 20	5 37	2 6	3 52	0 42	16 55	1 43	21 30	12 53	10 13	9 41	3 42	18 1	5 24
F 7	22 32	27 47	4 23	24 29	1 51	18 14	5 7	27 4	3 37	0 59	1 21	5 38	2 6	3 52	0 42	16 55	1 43	21 29	12 53	10 17	9 43	3 39	18 1	5 24
S 8	22 24	26 1	3 42	24 20	1 54	18 5	5 17	27 4	3 37	1 0	1 21	5 38	2 6	3 53	0 42	16 55	1 43	21 28	12 53	10 20	9 44	3 36	18 1	5 24
S 9	22 17	22 59	2 50	24 10	1 57	17 57	5 26	27 3	3 37	1 0	1 21	5 39	2 7	3 53	0 42	16 56	1 43	21 28	12 52	10 22	9 45	3 32	18 1	5 25
M10	22 8	18 57	1 51	23 58	1 59	17 50	5 34	27 3	3 37	1 1	1 22	5 40	2 7	3 53	0 42	16 56	1 43	21 27	12 52	10 24	9 46	3 29	18 1	5 25
T 11	22 0	14 12	0 47	23 45	2 1	17 43	5 42	27 3	3 37	1 2	1 22	5 40	2 7	3 53	0 42	16 56	1 43	21 26	12 52	10 25	9 47	3 25	18 0	5 25
W12	21 50	8 59	0s17	23 31	2 3	17 36	5 49	27 2	3 37	1 2	1 22	5 41	2 7	3 53	0 42	16 56	1 43	21 26	12 52	10 25	9 48	3 22	18 0	5 25
T 13	21 41	3 30	1 21	23 14	2 4	17 31	5 55	27 2	3 37	1 2	1 22	5 42	2 8	3 53	0 42	16 57	1 43	21 25	12 52	10 24	9 49	3 19	18 0	5 26
F 14	21 31	2s 4	2 21	22 56	2 5	17 26	6 1	27 1	3 37	1 3	1 23	5 43	2 8	3 53	0 42	16 57	1 43	21 25	12 52	10 24	9 51	3 15	18 0	5 26
S 15	21 20	7 35	3 15	22 37	2 6	17 21	6 6	27 0	3 36	1 3	1 23	5 43	2 8	3 53	0 42	16 57	1 43	21 24	12 51	10 23	9 52	3 12	18 0	5 26
S 16	21 10	12 53	4 1	22 16	2 6	17 17	6 10	26 59	3 36	1 3	1 23	5 44	2 9	3 53	0 42	16 58	1 43	21 23	12 51	10 23	9 53	3 8	18 0	5 27
M17	20 58	17 48	4 37	21 53	2 5	17 14	6 13	26 59	3 36	1 3	1 23	5 45	2 9	3 53	0 43	16 58	1 43	21 23	12 51	10 23	9 54	3 5	17 59	5 27
T 18	20 47	22 5	5 2	21 29	2 5	17 11	6 16	26 58	3 35	1 3	1 24	5 46	2 9	3 53	0 43	16 58	1 43	21 22	12 51	10 24	9 55	3 2	17 59	5 27
W19	20 35	25 28	5 12	21 3	2 3	17 9	6 18	26 57	3 35	1 3	1 24	5 47	2 9	3 53	0 43	16 58	1 43	21 21	12 51	10 25	9 56	2 58	17 59	5 28
T 20	20 22	27 36	5 6	20 36	2 2	17 7	6 20	26 56	3 34	1 3	1 24	5 48	2 10	3 53	0 43	16 59	1 44	21 21	12 51	10 27	9 58	2 55	17 59	5 28
F 21	20 10	28 10	4 43	20 7	1 59	17 6	6 21	26 55	3 33	1 3	1 25	5 49	2 10	3 53	0 43	16 59	1 44	21 20	12 50	10 29	9 59	2 51	17 58	5 28
S 22	19 56	26 57	4 2	19 36	1 56	17 5	6 22	26 54	3 33	1 3	1 25	5 50	2 10	3 53	0 43	16 59	1 44	21 19	12 50	10 31	10 0	2 48	17 58	5 29
S 23	19 43	23 57	3 6	19 5	1 53	17 5	6 22	26 53	3 32	1 2	1 25	5 51	2 10	3 52	0 43	16 59	1 44	21 19	12 50	10 32	10 1	2 45	17 58	5 29
M24	19 29	19 21	1 56	18 31	1 49	17 6	6 22	26 52	3 31	1 2	1 25	5 53	2 11	3 52	0 43	17 0	1 44	21 18	12 50	10 34	10 2	2 41	17 58	5 30
T 25	19 15	13 31	0 37	17 56	1 44	17 6	6 21	26 51	3 30	1 1	1 26	5 54	2 11	3 52	0 43	17 0	1 44	21 17	12 50	10 34	10 3	2 38	17 57	5 30
W26	19 0	6 56	0n44	17 20	1 39	17 7	6 20	26 50	3 30	1 1	1 26	5 55	2 11	3 52	0 43	17 0	1 44	21 17	12 50	10 34	10 5	2 34	17 57	5 30
T 27	18 45	0 1	2 2	16 42	1 33	17 9	6 18	26 48	3 29	1 0	1 26	5 56	2 11	3 52	0 43	17 0	1 44	21 16	12 50	10 34	10 6	2 31	17 57	5 31
F 28	18 30	6n48	3 11	16 4	1 26	17 10	6 16	26 47	3 28	0 59	1 26	5 58	2 11	3 51	0 43	17 0	1 44	21 15	12 49	10 33	10 7	2 28	17 56	5 31
S 29	18 14	13 9	4 7	15 24	1 18	17 12	6 14	26 46	3 27	0 59	1 27	5 59	2 12	3 51	0 43	17 1	1 44	21 15	12 49	10 33	10 8	2 24	17 56	5 32
S 30	17 58	18 43	4 47	14 43	1 10	17 15	6 11	26 45	3 26	0 58	1 27	6 0	2 12	3 51	0 43	17 1	1 44	21 14	12 49	10 32	10 9	2 21	17 56	5 32
M31	17s42	23n11	5n 9	14s 2	1s 1	17s17	6n 8	26n44	3n25	0s57	1n27	6n 2	2n12	3s50	0n43	17s 1	1n44	21s13	12s49	10s33	10s10	2n18	17s55	5n32

ASTRODIENST EPHEMERIS for the year 1803

geocentric

FEBRUARY 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 40 58	11°14'29	5°11' 5	26°59	3°59	23°57	5°42	19°51	11°21	23°37	5°56	2°37	3°37	20°50	28°44	T 1
W 2	8 44 55	12°15'19	18°13	28°33	4°23	23°58	5°40	19°48	11°20	23°38	5°58	2°35	3°34	20°56	28°49	W 2
T 3	8 48 51	13°16'09	18°6	0°4	4°49	23°59	5°38	19°45	11°19	23°38	5°59	2°32	3°31	21°3	28°55	T 3
F 4	8 52 48	14°16'57	13°45	1°31	5°17	24°1	5°35	19°41	11°18	23°39	6°1	2°29	3°28	21°10	29°0	F 4
S 5	8 56 44	15°17'43	26°13	2°54	5°47	24°4	5°32	19°38	11°17	23°40	6°3	2°26	3°25	21°16	29°5	S 5
S 6	9 0 41	16°18'29	8°129	4°12	6°18	24°8	5°29	19°34	11°16	23°41	6°4	2°24	3°21	21°23	29°10	S 6
M 7	9 4 37	17°19'13	20°36	5°24	6°50	24°13	5°26	19°31	11°15	23°41	6°6	2°23	3°18	21°30	29°16	M 7
T 8	9 8 34	18°19'55	21°34	6°30	7°24	24°18	5°23	19°27	11°14	23°42	6°7	2°23	3°15	21°36	29°21	T 8
W 9	9 12 31	19°20'36	14°27	7°29	8°0	24°23	5°20	19°23	11°12	23°42	6°9	2°23	3°12	21°43	29°26	W 9
T 10	9 16 27	20°21'16	26°15	8°20	8°36	24°30	5°16	19°19	11°11	23°43	6°10	2°24	3°9	21°50	29°31	T 10
F 11	9 20 24	21°21'55	8°3	9°3	9°14	24°37	5°12	19°16	11°10	23°43	6°12	2°25	3°6	21°56	29°36	F 11
S 12	9 24 20	22°22'33	19°54	9°36	9°53	24°45	5°8	19°12	11°8	23°44	6°14	2°26	3°2	22°3	29°40	S 12
S 13	9 28 17	23°23'09	11°51	10°0	10°34	24°53	5°4	19°8	11°7	23°44	6°15	2°27	2°59	22°10	29°45	S 13
M14	9 32 13	24°23'44	13°59	10°13	11°15	25°2	5°0	19°4	11°5	23°44	6°17	2°28	2°56	22°16	29°50	M14
T 15	9 36 10	25°24'18	26°22	10°17	11°58	25°11	4°55	18°59	11°4	23°45	6°18	2°28	2°53	22°23	29°54	T 15
W16	9 40 6	26°24'51	9°16	10°9	12°42	25°22	4°51	18°55	11°2	23°45	6°20	2°28	2°50	22°30	29°59	W16
T 17	9 44 3	27°25'23	22°13	9°52	13°26	25°32	4°46	18°51	11°1	23°45	6°22	2°27	2°47	22°36	0°3	T 17
F 18	9 48 0	28°25'53	5°346	9°25	14°12	25°44	4°41	18°47	10°59	23°46	6°23	2°27	2°43	22°43	0°8	F 18
S 19	9 51 56	29°26'22	19°46	8°49	14°59	25°55	4°36	18°42	10°57	23°46	6°25	2°26	2°40	22°50	0°12	S 19
S 20	9 55 53	0°11'26	5°13	8°4	15°46	26°8	4°31	18°38	10°56	23°46	6°27	2°26	2°37	22°56	0°17	S 20
M21	9 59 49	1°27'16	19°0	7°13	16°34	26°21	4°25	18°34	10°54	23°46	6°28	2°26	2°34	23°3	0°21	M21
T 22	10 3 46	2°27'40	4°11	6°16	17°23	26°34	4°20	18°29	10°52	23°46	6°30	2°26	2°31	23°10	0°25	T 22
W23	10 7 42	3°28'03	19°11	5°14	18°13	26°48	4°14	18°25	10°50	23°46	6°31	2°26	2°27	23°16	0°29	W23
T 24	10 11 39	4°28'23	4°11	4°11	19°4	27°2	4°8	18°20	10°48	23°46	6°33	2°26	2°24	23°23	0°33	T 24
F 25	10 15 35	5°28'42	19°10	3°6	19°55	27°17	4°2	18°16	10°46	23°46	6°35	2°25	2°21	23°30	0°37	F 25
S 26	10 19 32	6°28'59	3°145	2°2	20°47	27°33	3°56	18°11	10°44	23°46	6°36	2°25	2°18	23°36	0°41	S 26
S 27	10 23 28	7°29'14	17°56	1°0	21°40	27°49	3°50	18°6	10°42	23°46	6°38	2°25	2°15	23°43	0°45	S 27
M28	10 27 25	8°12'27	1°11	0°11	22°33	28°11	3°44	18°2	10°40	23°46	6°40	2°24	2°12	23°49	0°48	M28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	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	
T 1	17s25	26n20	5n15	13s20	0s51	17s20	6n 5	26n43	3n24	0s56	1n28	6n 3	2n12	3s50	0n43	T 1
W 2	17 9	27 59	5 4	12 38	0 41	17 22	6 2	26 42	3 23	0 55	1 28	6 5	2 13	3 50	0 43	W 2
T 3	16 51	28 5	4 37	11 55	0 29	17 25	5 58	26 41	3 22	0 53	1 28	6 6	2 13	3 49	0 43	T 3
F 4	16 34	26 41	3 57	11 13	0 17	17 28	5 54	26 40	3 21	0 52	1 28	6 8	2 13	3 49	0 43	F 4
S 5	16 16	23 59	3 7	10 31	0 4	17 31	5 50	26 39	3 19	0 51	1 29	6 9	2 13	3 48	0 43	S 5
S 6	15 58	20 14	2 8	9 50	0n10	17 34	5 45	26 38	3 18	0 49	1 29	6 11	2 13	3 48	0 43	S 6
M 7	15 40	15 40	1 5	9 10	0 24	17 37	5 41	26 37	3 17	0 48	1 29	6 12	2 14	3 47	0 43	M 7
T 8	15 21	10 33	0s 1	8 32	0 39	17 40	5 36	26 37	3 16	0 46	1 29	6 14	2 14	3 47	0 43	T 8
W 9	15 2	5 6	1 6	7 56	0 54	17 43	5 31	26 36	3 15	0 45	1 30	6 16	2 14	3 46	0 43	W 9
T 10	14 43	0s29	2 9	7 22	1 10	17 46	5 26	26 35	3 14	0 43	1 30	6 17	2 14	3 46	0 43	T 10
F 11	14 24	6 2	3 5	6 51	1 26	17 49	5 21	26 34	3 13	0 42	1 30	6 19	2 14	3 45	0 43	F 11
S 12	14 4	11 24	3 54	6 24	1 42	17 51	5 15	26 33	3 11	0 40	1 30	6 21	2 15	3 45	0 43	S 12
S 13	13 44	16 24	4 34	6 0	1 59	17 54	5 10	26 32	3 10	0 38	1 31	6 22	2 15	3 44	0 43	S 13
M14	13 24	20 50	5 1	5 40	2 14	17 56	5 5	26 31	3 9	0 36	1 31	6 24	2 15	3 44	0 43	M14
T 15	13 4	24 29	5 16	5 25	2 30	17 58	4 59	26 31	3 8	0 34	1 31	6 26	2 15	3 43	0 43	T 15
W16	12 44	27 2	5 16	5 14	2 44	18 0	4 53	26 30	3 7	0 32	1 31	6 28	2 15	3 42	0 43	W16
T 17	12 23	28 13	4 59	5 8	2 58	18 1	4 47	26 29	3 6	0 30	1 31	6 30	2 15	3 42	0 43	T 17
F 18	12 2	27 46	4 26	5 7	3 10	18 3	4 41	26 28	3 4	0 28	1 32	6 31	2 16	3 41	0 44	F 18
S 19	11 41	25 34	3 36	5 11	3 20	18 4	4 36	26 27	3 3	0 25	1 32	6 33	2 16	3 40	0 44	S 19
S 20	11 20	21 40	2 31	5 19	3 29	18 4	4 30	26 27	3 2	0 23	1 32	6 35	2 16	3 40	0 44	S 20
M21	10 58	16 19	1 14	5 31	3 36	18 5	4 23	26 26	3 1	0 21	1 32	6 37	2 16	3 39	0 44	M21
T 22	10 37	9 54	0n 9	5 48	3 41	18 5	4 17	26 25	3 0	0 18	1 32	6 39	2 16	3 38	0 44	T 22
W23	10 15	2 53	1 32	6 8	3 44	18 5	4 11	26 24	2 58	0 16	1 33	6 41	2 16	3 38	0 44	W23
T 24	9 53	4n16	2 48	6 31	3 44	18 4	4 5	26 23	2 57	0 14	1 33	6 43	2 16	3 37	0 44	T 24
F 25	9 31	11 5	3 52	6 56	3 42	18 3	3 59	26 22	2 56	0 11	1 33	6 45	2 17	3 36	0 44	F 25
S 26	9 9	17 9	4 39	7 22	3 38	18 2	3 53	26 22	2 55	0 8	1 33	6 46	2 17	3 35	0 44	S 26
S 27	8 46	22 7	5 8	7 50	3 32	18 0	3 46	26 21	2 54	0 6	1 33	6 48	2 17	3 34	0 44	S 27
M28	8s24	25n43	5n18	8s17	3n24	17s58	3n40	26n20	2n53	0s 3	1n34	6n50	2n17	3s34	0n44	M28

Julian Day Number = 2379622.5, Delta T = 17.16 sec
 Ecliptic obliquity = 23°28'02", Nutation = 0°00'09", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°59'27", Lahiri = 21°06'27"

ASTRODIENST EPHEMERIS for the year 1803
geocentric

MARCH 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 31 22	9♉29'38	15♊ 7	29°R 7	23♊27	28♊22	3°R37	17°R57	10°R38	23°R46	6♉41	2°D24	2♉ 8	23♊56	0♊52	T 1
W 2	10 35 18	10°29'47	28° 8	28♊19	24°21	28°39	3♊31	17°52	10♊36	23♊46	6°43	2♉25	2° 5	24° 3	0°56	W 2
T 3	10 39 15	11°29'53	10♊49	27°36	25°16	28°56	3°24	17°48	10°34	23°46	6°45	2°25	2° 2	24° 9	0°59	T 3
F 4	10 43 11	12°29'58	23°14	27° 0	26°12	29°14	3°17	17°43	10°32	23°46	6°46	2°26	1°59	24°16	1° 2	F 4
S 5	10 47 8	13°30'00	5♊27	26°30	27° 8	29°33	3°10	17°38	10°30	23°45	6°48	2°27	1°56	24°23	1° 6	S 5
S 6	10 51 4	14°30'01	17°30	26° 7	28° 5	29°52	3° 3	17°33	10°28	23°45	6°49	2°28	1°52	24°29	1° 9	S 6
M 7	10 55 1	15°29'59	29°26	25°51	29° 2	0♊11	2°56	17°29	10°25	23°45	6°51	2°R29	1°49	24°36	1°12	M 7
T 8	10 58 57	16°29'55	11♊17	25°42	29°59	0°30	2°49	17°24	10°23	23°44	6°53	2°29	1°46	24°43	1°15	T 8
W 9	11 2 54	17°29'50	23° 6	25°D39	0♊57	0°50	2°42	17°19	10°21	23°44	6°54	2°28	1°43	24°49	1°18	W 9
T 10	11 6 51	18°29'42	4♊54	25°42	1°56	1°11	2°35	17°14	10°18	23°43	6°56	2°26	1°40	24°56	1°21	T 10
F 11	11 10 47	19°29'33	16°45	25°51	2°55	1°31	2°27	17°10	10°16	23°43	6°58	2°23	1°37	25° 3	1°24	F 11
S 12	11 14 44	20°29'21	28°40	26° 6	3°54	1°52	2°20	17° 5	10°14	23°42	6°59	2°21	1°33	25° 9	1°27	S 12
S 13	11 18 40	21°29'08	10♊41	26°26	4°54	2°13	2°13	17° 0	10°11	23°42	7° 1	2°18	1°30	25°16	1°29	S 13
M14	11 22 37	22°28'54	22°52	26°51	5°54	2°35	2° 5	16°55	10° 9	23°41	7° 2	2°15	1°27	25°23	1°32	M14
T 15	11 26 33	23°28'37	5♊16	27°21	6°55	2°57	1°57	16°51	10° 7	23°41	7° 4	2°13	1°24	25°29	1°34	T 15
W16	11 30 30	24°28'19	17°56	27°56	7°55	3°19	1°50	16°46	10° 4	23°40	7° 6	2°12	1°21	25°36	1°37	W16
T 17	11 34 26	25°27'59	0♊57	28°34	8°57	3°42	1°42	16°41	10° 2	23°40	7° 7	2°D12	1°18	25°43	1°39	T 17
F 18	11 38 23	26°27'37	14°20	29°17	9°58	4° 4	1°35	16°37	9°59	23°39	7° 9	2°12	1°14	25°49	1°41	F 18
S 19	11 42 20	27°27'14	28° 9	0♉ 3	11° 0	4°27	1°27	16°32	9°57	23°38	7°10	2°14	1°11	25°56	1°44	S 19
S 20	11 46 16	28°26'49	12♊24	0°52	12° 2	4°51	1°19	16°27	9°54	23°37	7°12	2°15	1° 8	26° 3	1°46	S 20
M21	11 50 13	29°26'22	27° 4	1°45	13° 5	5°14	1°11	16°23	9°52	23°37	7°13	2°R16	1° 5	26° 9	1°48	M21
T 22	11 54 9	0♉25'53	12♉ 3	2°41	14° 7	5°38	1° 4	16°18	9°49	23°36	7°15	2°16	1° 2	26°16	1°50	T 22
W23	11 58 6	1°25'22	27°14	3°40	15°10	6° 3	0°56	16°14	9°47	23°35	7°16	2°14	0°58	26°23	1°51	W23
T 24	12 2 2	2°24'49	12♉29	4°41	16°13	6°27	0°48	16° 9	9°44	23°34	7°18	2°11	0°55	26°29	1°53	T 24
F 25	12 5 59	3°24'14	27°36	5°45	17°17	6°52	0°40	16° 5	9°41	23°33	7°19	2° 7	0°52	26°36	1°55	F 25
S 26	12 9 55	4°23'37	12♉27	6°51	18°21	7°17	0°33	16° 0	9°39	23°32	7°21	2° 2	0°49	26°43	1°56	S 26
S 27	12 13 52	5°22'58	26°54	8° 0	19°25	7°42	0°25	15°56	9°36	23°32	7°22	1°58	0°46	26°49	1°58	S 27
M28	12 17 49	6°22'17	10♊53	9°11	20°29	8° 7	0°17	15°52	9°34	23°31	7°24	1°54	0°43	26°56	1°59	M28
T 29	12 21 45	7°21'33	24°23	10°24	21°33	8°33	0° 9	15°47	9°31	23°30	7°25	1°52	0°39	27° 3	2° 0	T 29
W30	12 25 42	8°20'47	7♊26	11°39	22°38	8°59	0° 2	15°43	9°28	23°29	7°27	1°D51	0°36	27° 9	2° 1	W30
T 31	12 29 38	9♉19'58	20♊ 6	12♉56	23♊43	9♊25	29♉54	15♊39	9♊26	23♊28	7♉28	1♉51	0♉33	27♊16	2♊ 3	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	8s 1	27n46	5n10	8s45	3n15	17s55	3n34	26n19	2n51	0s 0	1n34	6n52	2n17	3s33	0n44	17s 2
W 2	7 38	28 14	4 46	9 12	3 4	17 52	3 27	26 18	2 50	0n 2	1 34	6 54	2 17	3 32	0 44	17 2
T 3	7 16	27 10	4 9	9 37	2 52	17 49	3 21	26 17	2 49	0 5	1 34	6 56	2 17	3 31	0 44	17 2
F 4	6 53	24 46	3 21	10 2	2 40	17 45	3 15	26 16	2 48	0 8	1 34	6 58	2 17	3 30	0 44	17 1
S 5	6 30	21 16	2 24	10 24	2 26	17 40	3 8	26 15	2 47	0 11	1 34	7 0	2 17	3 29	0 44	17 1
S 6	6 7	16 55	1 22	10 45	2 12	17 36	3 2	26 14	2 46	0 14	1 34	7 2	2 17	3 28	0 44	17 1
M 7	5 43	11 57	0 17	11 4	1 58	17 31	2 56	26 13	2 45	0 17	1 35	7 4	2 18	3 28	0 44	17 1
T 8	5 20	6 36	0s49	11 20	1 44	17 25	2 49	26 11	2 43	0 19	1 35	7 6	2 18	3 27	0 44	17 1
W 9	4 57	1 2	1 52	11 35	1 30	17 19	2 43	26 10	2 42	0 22	1 35	7 8	2 18	3 26	0 44	17 1
T 10	4 33	4s33	2 50	11 47	1 16	17 12	2 37	26 9	2 41	0 25	1 35	7 10	2 18	3 25	0 44	17 1
F 11	4 10	9 59	3 41	11 57	1 2	17 5	2 31	26 8	2 40	0 28	1 35	7 11	2 18	3 24	0 44	17 0
S 12	3 46	15 6	4 23	12 5	0 48	16 58	2 24	26 6	2 39	0 32	1 35	7 13	2 18	3 23	0 44	17 0
S 13	3 23	19 41	4 53	12 11	0 35	16 49	2 18	26 5	2 38	0 35	1 35	7 15	2 18	3 22	0 44	17 0
M14	2 59	23 31	5 11	12 14	0 22	16 41	2 12	26 3	2 37	0 38	1 35	7 17	2 18	3 21	0 44	17 0
T 15	2 36	26 22	5 15	12 16	0 9	16 32	2 6	26 2	2 36	0 41	1 35	7 19	2 18	3 20	0 44	17 0
W16	2 12	27 57	5 3	12 16	0s 3	16 23	2 0	26 0	2 35	0 44	1 35	7 21	2 18	3 19	0 44	16 59
T 17	1 48	28 4	4 37	12 13	0 15	16 13	1 54	25 58	2 34	0 47	1 36	7 23	2 18	3 18	0 44	16 59
F 18	1 25	26 34	3 54	12 9	0 26	16 2	1 48	25 57	2 32	0 50	1 36	7 25	2 18	3 17	0 44	16 59
S 19	1 1	23 26	2 57	12 3	0 37	15 51	1 42	25 55	2 31	0 53	1 36	7 26	2 18	3 16	0 44	16 59
S 20	0 37	18 49	1 47	11 55	0 48	15 40	1 36	25 53	2 30	0 56	1 36	7 28	2 18	3 15	0 44	16 59
M21	0 13	12 57	0 29	11 46	0 58	15 28	1 30	25 51	2 29	0 59	1 36	7 30	2 18	3 14	0 44	16 58
T 22	0n10	6 14	0n53	11 34	1 7	15 16	1 24	25 49	2 28	1 3	1 36	7 32	2 18	3 13	0 44	16 58
W23	0 34	0n56	2 13	11 21	1 16	15 3	1 19	25 47	2 27	1 6	1 36	7 34	2 18	3 12	0 44	16 58
T 24	0 58	8 3	3 23	11 7	1 24	14 50	1 13	25 45	2 26	1 9	1 36	7 35	2 18	3 11	0 44	16 58
F 25	1 21	14 38	4 18	10 50	1 32	14 36	1 7	25 42	2 25	1 12	1 36	7 37	2 18	3 10	0 44	16 57
S 26	1 45	20 16	4 54	10 33	1 40	14 22	1 2	25 40	2 24	1 15	1 36	7 39	2 18	3 9	0 44	16 57
S 27	2 8	24 32	5 11	10 13	1 46	14 7	0 56	25 38	2 23	1 18	1 36	7 40	2 18	3 8	0 44	16 57
M28	2 32	27 12	5 9	9 53	1 53	13 52	0 51	25 35	2 22	1 21	1 36	7 42	2 18	3 7	0 44	16 57
T 29	2 55	28 9	4 49	9 30	1 59	13 37	0 46	25 32	2 21	1 24	1 36	7 44	2 18	3 6	0 44	16 56
W30	3 19	27 29	4 14	9 7	2 4	13 21	0 40	25 30	2 20	1 27	1 36	7 45	2 18	3 5	0 44	16 56
T 31	3n42	25n24	3n28	8s42	2s 9	13s 5	0n35	25n27	2n19	1n30	1n36	7n47	2n18	3s 4	0n44	16s56

Julian Day Number = 2379650.5, Delta T = 17.13 sec
Ecliptic obliquity = 23°28'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°59'31, Lahiri = 21°06'31

ASTRODIENST EPHEMERIS for the year 1803

geocentric

APRIL 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 33 35	10°19'07	28°26'	14°15'	24°48'	9°51'	29°47'	15°35'	9°23'	23°27'	7°30'	1°53'	0°30'	27°23'	2°4'	F 1
S 2	12 37 31	11°18'14	14°32'	15°36'	25°53'	10°18'	29°39'	15°31'	9°21'	23°25'	7°31'	1°54'	0°27'	27°29'	2°4'	S 2
S 3	12 41 28	12°17'18	26°28'	16°59'	26°58'	10°44'	29°32'	15°27'	9°18'	23°24'	7°32'	1°56'	0°24'	27°36'	2°5'	S 3
M 4	12 45 24	13°16'21	8°17'	18°23'	28°4'	11°11'	29°24'	15°23'	9°16'	23°23'	7°34'	1°56'	0°20'	27°43'	2°6'	M 4
T 5	12 49 21	14°15'20	20°5'	19°49'	29°10'	11°38'	29°17'	15°19'	9°13'	23°22'	7°35'	1°54'	0°17'	27°49'	2°7'	T 5
W 6	12 53 18	15°14'18	1°53'	21°17'	0°16'	12°6'	29°10'	15°15'	9°10'	23°21'	7°37'	1°50'	0°14'	27°56'	2°7'	W 6
T 7	12 57 14	16°13'14	13°44'	22°46'	1°22'	12°33'	29°3'	15°11'	9°8'	23°20'	7°38'	1°44'	0°11'	28°2'	2°8'	T 7
F 8	13 1 11	17°12'08	25°41'	24°17'	2°28'	13°1'	28°56'	15°8'	9°5'	23°18'	7°39'	1°36'	0°8'	28°9'	2°8'	F 8
S 9	13 5 7	18°10'59	7°14'	25°50'	3°35'	13°29'	28°49'	15°4'	9°3'	23°17'	7°41'	1°28'	0°4'	28°16'	2°8'	S 9
S 10	13 9 4	19°9'49	19°55'	27°24'	4°41'	13°57'	28°42'	15°1'	9°0'	23°16'	7°42'	1°19'	0°1'	28°22'	2°8'	S 10
M 11	13 13 0	20°8'37	2°15'	29°0'	5°48'	14°25'	28°35'	14°57'	8°58'	23°15'	7°43'	1°10'	29°58'	28°29'	2°8'	M 11
T 12	13 16 57	21°7'24	14°47'	0°37'	6°55'	14°53'	28°28'	14°54'	8°55'	23°13'	7°44'	1°3'	29°55'	28°36'	2°8'	T 12
W 13	13 20 53	22°6'08	27°32'	2°16'	8°2'	15°22'	28°21'	14°50'	8°53'	23°12'	7°46'	0°58'	29°52'	28°42'	2°8'	W 13
T 14	13 24 50	23°4'51	10°33'	3°57'	9°9'	15°50'	28°15'	14°47'	8°50'	23°11'	7°47'	0°56'	29°49'	28°49'	2°8'	T 14
F 15	13 28 47	24°3'32	23°52'	5°39'	10°17'	16°19'	28°9'	14°44'	8°48'	23°9'	7°48'	0°55'	29°45'	28°56'	2°8'	F 15
S 16	13 32 43	25°2'12	7°31'	7°23'	11°24'	16°48'	28°2'	14°41'	8°45'	23°8'	7°49'	0°55'	29°42'	29°2'	2°7'	S 16
S 17	13 36 40	26°0'49	21°32'	9°8'	12°32'	17°17'	27°56'	14°38'	8°43'	23°7'	7°51'	0°56'	29°39'	29°9'	2°7'	S 17
M 18	13 40 36	26°59'25	5°55'	10°55'	13°40'	17°47'	27°50'	14°35'	8°40'	23°5'	7°52'	0°56'	29°36'	29°16'	2°6'	M 18
T 19	13 44 33	27°58'00	20°39'	12°44'	14°48'	18°16'	27°44'	14°32'	8°38'	23°4'	7°53'	0°55'	29°33'	29°22'	2°6'	T 19
W 20	13 48 29	28°56'32	5°37'	14°34'	15°55'	18°46'	27°38'	14°30'	8°36'	23°2'	7°54'	0°51'	29°29'	29°29'	2°5'	W 20
T 21	13 52 26	29°55'03	20°42'	16°26'	17°4'	19°15'	27°33'	14°27'	8°33'	23°1'	7°55'	0°45'	29°26'	29°36'	2°4'	T 21
F 22	13 56 22	0°53'32	5°46'	18°20'	18°12'	19°45'	27°27'	14°24'	8°31'	22°59'	7°56'	0°36'	29°23'	29°42'	2°3'	F 22
S 23	14 0 19	1°51'59	20°38'	20°15'	19°20'	20°15'	27°22'	14°22'	8°28'	22°58'	7°57'	0°27'	29°20'	29°49'	2°2'	S 23
S 24	14 4 16	2°50'25	5°11'	22°12'	20°28'	20°45'	27°17'	14°20'	8°26'	22°56'	7°58'	0°18'	29°17'	29°56'	2°1'	S 24
M 25	14 8 12	3°48'48	19°16'	24°11'	21°37'	21°16'	27°11'	14°17'	8°24'	22°55'	7°59'	0°9'	29°14'	0°2'	2°0'	M 25
T 26	14 12 9	4°47'09	2°53'	26°11'	22°45'	21°46'	27°7'	14°15'	8°22'	22°53'	8°0'	0°3'	29°10'	0°9'	1°59'	T 26
W 27	14 16 5	5°45'29	16°2'	28°12'	23°54'	22°16'	27°2'	14°13'	8°19'	22°52'	8°1'	29°59'	29°7'	0°16'	1°58'	W 27
T 28	14 20 2	6°43'46	28°44'	0°15'	25°3'	22°47'	26°57'	14°11'	8°17'	22°50'	8°2'	29°57'	29°4'	0°22'	1°56'	T 28
F 29	14 23 58	7°42'01	11°6'	2°20'	26°12'	23°18'	26°53'	14°9'	8°15'	22°49'	8°3'	29°57'	29°1'	0°29'	1°55'	F 29
S 30	14 27 55	8°40'14	23°11'	4°25'	27°21'	23°49'	26°48'	14°7'	8°13'	22°47'	8°4'	29°57'	28°58'	0°36'	1°53'	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	4n 5	22n 8	2n34	8s15	2s14	12s48	0n30	25n24	2n18	1n33	1n36	7n48	2n18	3s 3	0n44	16s55
S 2	4 29	17 59	1 33	7 48	2 17	12 31	0 25	25 21	2 17	1 36	1 36	7 50	2 18	3 2	0 44	16 55
S 3	4 52	13 11	0 30	7 19	2 21	12 14	0 20	25 18	2 16	1 39	1 36	7 51	2 18	3 1	0 44	16 55
M 4	5 15	7 56	0s35	6 48	2 24	11 56	0 15	25 15	2 15	1 42	1 35	7 53	2 18	3 0	0 44	16 54
T 5	5 38	2 27	1 37	6 17	2 26	11 37	0 10	25 11	2 14	1 45	1 35	7 54	2 17	2 59	0 44	16 54
W 6	6 0	3s 7	2 35	5 44	2 28	11 19	0 5	25 8	2 14	1 47	1 35	7 56	2 17	2 58	0 44	16 54
T 7	6 23	8 36	3 27	5 10	2 30	11 0	0 25	4	2 13	1 50	1 35	7 57	2 17	2 57	0 44	16 53
F 8	6 46	13 48	4 10	4 34	2 30	10 40	0s 4	25 1	2 12	1 53	1 35	7 58	2 17	2 56	0 44	16 53
S 9	7 8	18 32	4 42	3 58	2 31	10 21	0 9	24 57	2 11	1 56	1 35	8 0	2 17	2 55	0 44	16 53
S 10	7 31	22 34	5 1	3 20	2 31	10 0	0 13	24 53	2 10	1 58	1 35	8 1	2 17	2 54	0 44	16 52
M 11	7 53	25 39	5 7	2 42	2 30	9 40	0 18	24 49	2 9	2 1	1 35	8 2	2 17	2 53	0 44	16 52
T 12	8 15	27 32	4 58	2	2 29	9 19	0 22	24 45	2 8	2 4	1 35	8 4	2 17	2 52	0 44	16 52
W 13	8 37	28 2	4 35	1 21	2 27	8 58	0 26	24 41	2 7	2 6	1 35	8 5	2 17	2 51	0 44	16 51
T 14	8 59	26 59	3 57	0 39	2 25	8 37	0 30	24 37	2 6	2 9	1 35	8 6	2 17	2 50	0 44	16 51
F 15	9 21	24 24	3 6	0n 4	2 23	8 15	0 34	24 33	2 5	2 11	1 34	8 7	2 17	2 49	0 44	16 51
S 16	9 42	20 23	2 2	0 48	2 19	7 53	0 38	24 28	2 4	2 13	1 34	8 8	2 16	2 48	0 44	16 50
S 17	10 4	15 8	0 50	1 33	2 16	7 31	0 42	24 23	2 4	2 16	1 34	8 9	2 16	2 47	0 44	16 50
M 18	10 25	8 56	0n27	2 19	2 11	7 8	0 46	24 19	2 3	2 18	1 34	8 10	2 16	2 46	0 44	16 50
T 19	10 46	2 7	1 44	3 5	2 7	6 45	0 49	24 14	2 2	2 20	1 34	8 11	2 16	2 45	0 44	16 49
W 20	11 7	4n54	2 55	3 53	2 2	6 22	0 53	24 9	2 1	2 22	1 34	8 12	2 16	2 44	0 44	16 49
T 21	11 27	11 42	3 54	4 41	1 56	5 59	0 56	24 4	2 0	2 25	1 34	8 13	2 16	2 44	0 44	16 48
F 22	11 48	17 48	4 36	5 30	1 50	5 35	1 0	23 59	1 59	2 27	1 33	8 14	2 16	2 43	0 44	16 48
S 23	12 8	22 45	5 0	6 20	1 43	5 12	1 3	23 53	1 58	2 29	1 33	8 15	2 16	2 42	0 44	16 48
S 24	12 28	26 9	5 3	7 10	1 36	4 48	1 6	23 48	1 58	2 30	1 33	8 16	2 15	2 41	0 44	16 47
M 25	12 48	27 49	4 48	8 1	1 28	4 24	1 9	23 42	1 57	2 32	1 33	8 16	2 15	2 40	0 44	16 47
T 26	13 8	27 42	4 16	8 52	1 20	3 59	1 12	23 37	1 56	2 34	1 33	8 17	2 15	2 39	0 44	16 46
W 27	13 27	26 1	3 32	9 44	1 12	3 35	1 15	23 31	1 55	2 36	1 33	8 18	2 15	2 38	0 44	16 46
T 28	13 47	23 1	2 38	10 36	1 3	3 10	1 18	23 25	1 54	2 38	1 32	8 19	2 15	2 37	0 44	16 46
F 29	14 6	19 3	1 39	11 28	0 53	2 45	1 21	23 19	1 53	2 39	1 32	8 19	2 15	2 37	0 44	16 45
S 30	14n24	14n22	0n36	12n19	0s44	2s20	1s23	23n13	1n53	2n41	1n32	8n19	2n15	2s36	0n44	16s45

Julian Day Number = 2379681.5, Delta T = 17.09 sec

Ecliptic obliquity = 23°28'02, Nutation = 0°00'08, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 21°59'35, Lahiri = 21°06'36

ASTRODIENST EPHEMERIS for the year 1803

geocentric

MAY 1803

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 31 51	9♂38'24	5♂ 5	6♂32	28♂30	24♂20	26♂44	14♂R 6	8♂R11	22♂R46	8♂ 5	29♂R57	28♂55	0♂42	1♂R51	S 1	
M 2	14 35 48	10°36'33	16°54	8°40	29°39	24°51	26♂40	14♂ 4	8♂ 9	22♂L44	8° 6	29♂56	28°51	0°49	1♂50	M 2	
T 3	14 39 45	11°34'40	28°41	10°49	0♂Y48	25°22	26°36	14° 3	8° 7	22°43	8° 7	29°53	28°48	0°56	1°48	T 3	
W 4	14 43 41	12°32'45	10♂31	12°59	1°57	25°53	26°33	14° 1	8° 5	22°41	8° 8	29°46	28°45	1° 2	1°46	W 4	
T 5	14 47 38	13°30'48	22°28	15° 9	3° 6	26°25	26°29	14° 0	8° 3	22°39	8° 9	29°37	28°42	1° 9	1°44	T 5	
F 6	14 51 34	14°28'50	4♂L32	17°19	4°16	26°56	26°26	13°59	8° 1	22°38	8°10	29°26	28°39	1°16	1°42	F 6	
S 7	14 55 31	15°26'50	16°47	19°29	5°25	27°28	26°23	13°58	7°59	22°36	8°10	29°14	28°35	1°22	1°40	S 7	
S 8	14 59 27	16°24'48	29°12	21°39	6°35	27°59	26°20	13°57	7°57	22°35	8°11	29° 1	28°32	1°29	1°38	S 8	
M 9	15 3 24	17°22'45	11♂48	23°49	7°44	28°31	26°17	13°56	7°55	22°33	8°12	28°48	28°29	1°36	1°35	M 9	
T 10	15 7 20	18°20'40	24°35	25°57	8°54	29° 3	26°14	13°55	7°54	22°31	8°13	28°38	28°26	1°42	1°33	T 10	
W11	15 11 17	19°18'34	7♂33	28° 4	10° 4	29°35	26°12	13°54	7°52	22°30	8°13	28°30	28°23	1°49	1°31	W11	
T 12	15 15 14	20°16'27	20°44	0♂II10	11°14	0♂L 7	26°10	13°54	7°50	22°28	8°14	28°25	28°20	1°56	1°28	T 12	
F 13	15 19 10	21°14'19	4♂ 8	2°14	12°23	0°40	26° 8	13°53	7°49	22°26	8°15	28°22	28°16	2° 2	1°26	F 13	
S 14	15 23 7	22°12'09	17°47	4°16	13°33	1°12	26° 6	13°53	7°47	22°25	8°15	28°21	28°13	2° 9	1°23	S 14	
S 15	15 27 3	23° 9'58	1♂41	6°16	14°43	1°44	26° 4	13°52	7°45	22°23	8°16	28°21	28°10	2°16	1°20	S 15	
M16	15 31 0	24° 7'46	15°50	8°14	15°53	2°17	26° 2	13°52	7°44	22°22	8°16	28°21	28° 7	2°22	1°18	M16	
T 17	15 34 56	25° 5'32	0♂Y16	10° 9	17° 4	2°49	26° 1	13°D52	7°42	22°20	8°17	28°18	28° 4	2°29	1°15	T 17	
W18	15 38 53	26° 3'18	14°53	12° 1	18°14	3°22	26° 0	13°52	7°41	22°18	8°18	28°14	28° 1	2°36	1°12	W18	
T 19	15 42 49	27° 1'02	29°38	13°51	19°24	3°55	25°59	13°52	7°39	22°17	8°18	28° 6	27°57	2°42	1° 9	T 19	
F 20	15 46 46	27°58'46	14♂23	15°38	20°34	4°27	25°58	13°53	7°38	22°15	8°19	27°56	27°54	2°49	1° 6	F 20	
S 21	15 50 43	28°56'28	29° 0	17°22	21°45	5° 0	25°57	13°53	7°37	22°13	8°19	27°45	27°51	2°56	1° 3	S 21	
S 22	15 54 39	29°54'09	13♂22	19° 3	22°55	5°33	25°57	13°53	7°36	22°12	8°20	27°33	27°48	3° 2	1° 0	S 22	
M23	15 58 36	0♂II51'48	27°22	20°40	24° 5	6° 6	25°57	13°54	7°34	22°10	8°20	27°23	27°45	3° 9	0°57	M23	
T 24	16 2 32	1°49'26	10♂58	22°15	25°16	6°40	25°D57	13°55	7°33	22° 9	8°20	27°14	27°41	3°16	0°53	T 24	
W25	16 6 29	2°47'03	24° 7	23°47	26°26	7°13	25°57	13°55	7°32	22° 7	8°21	27° 9	27°38	3°22	0°50	W25	
T 26	16 10 25	3°44'39	6♂L52	25°15	27°37	7°46	25°57	13°56	7°31	22° 5	8°21	27° 5	27°35	3°29	0°47	T 26	
F 27	16 14 22	4°42'13	19°15	26°40	28°48	8°20	25°57	13°57	7°30	22° 4	8°21	27° 4	27°32	3°36	0°43	F 27	
S 28	16 18 18	5°39'45	1♂22	28° 2	29°58	8°53	25°58	13°58	7°29	22° 2	8°22	27° 4	27°29	3°43	0°40	S 28	
S 29	16 22 15	6°37'16	13°18	29°20	1♂ 9	9°27	25°59	14° 0	7°28	22° 1	8°22	27° 4	27°26	3°49	0°37	S 29	
M30	16 26 12	7°34'46	25° 8	0♂36	2°20	10° 0	26° 0	14° 1	7°27	21°59	8°22	27° 3	27°22	3°56	0°33	M30	
T 31	16 30 8	8♂II32'14	6♂57	19°47	3♂31	10♂L34	26♂ 1	14♂ 2	7♂26	21♂L58	8♂23	27♂ 0	27♂19	4♂ 3	0♂30	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
S 1	14n43	9n14	0s27	13n11	0s34	1s55	1s26	23n 7	1n52	2n42	1n32	8n20	2n14	2s35	0n43	16s44	1n48	20s34	13s 0	11s30	11s52	2s46	17s 1	6n26			
M 2	15 1	3 49	1 29	14 2	0 24	1 30	1 28	23 0	1 51	2 44	1 32	8 20	2 14	2 34	0 43	16 44	1 48	20 34	13 0	11 30	11 53	2 50	17 0	6 27			
T 3	15 19	1s43	2 26	14 53	0 13	1 4	1 31	22 54	1 50	2 45	1 31	8 21	2 14	2 33	0 43	16 44	1 48	20 34	13 1	11 32	11 54	2 53	17 0	6 27			
W 4	15 37	7 12	3 18	15 42	0 3	0 39	1 33	22 47	1 49	2 46	1 31	8 21	2 14	2 33	0 43	16 43	1 48	20 33	13 1	11 34	11 55	2 56	16 59	6 28			
T 5	15 55	12 28	4 1	16 31	0n 8	0 13	1 35	22 40	1 49	2 47	1 31	8 22	2 14	2 32	0 43	16 43	1 48	20 33	13 1	11 37	11 56	3 0	16 59	6 29			
F 6	16 12	17 20	4 33	17 19	0 18	0n13	1 37	22 33	1 48	2 48	1 31	8 22	2 14	2 31	0 43	16 42	1 48	20 33	13 2	11 41	11 58	3 3	16 58	6 29			
S 7	16 29	21 33	4 54	18 5	0 29	0 38	1 39	22 26	1 47	2 50	1 31	8 22	2 14	2 30	0 43	16 42	1 48	20 33	13 2	11 45	11 59	3 6	16 58	6 30			
S 8	16 46	24 53	5 1	18 50	0 39	1 4	1 41	22 19	1 46	2 51	1 30	8 22	2 13	2 30	0 43	16 42	1 48	20 33	13 2	11 50	12 0	3 10	16 57	6 30			
M 9	17 2	27 4	4 53	19 33	0 49	1 30	1 43	22 12	1 45	2 51	1 30	8 23	2 13	2 29	0 43	16 41	1 48	20 33	13 3	11 54	12 1	3 13	16 57	6 31			
T 10	17 19	27 52	4 31	20 14	0 59	1 56	1 44	22 5	1 45	2 52	1 30	8 23	2 13	2 28	0 43	16 41	1 48	20 33	13 3	11 58	12 2	3 16	16 56	6 31			
W11	17 34	27 9	3 54	20 52	1 9	2 22	1 46	21 57	1 44	2 53	1 30	8 23	2 13	2 28	0 43	16 40	1 48	20 34	13 3	12 1	12 3	3 20	16 56	6 32			
T 12	17 50	24 55	3 5	21 29	1 18	2 48	1 47	21 50	1 43	2 54	1 29	8 23	2 13	2 27	0 43	16 40	1 48	20 34	13 4	12 2	12 4	3 23	16 55	6 32			
F 13	18 5	21 15	2 4	22 3	1 27	3 14	1 48	21 42	1 42	2 54	1 29	8 23	2 12	2 26	0 43	16 39	1 48	20 34	13 4	12 3	12 5	3 26	16 55	6 33			
S 14	18 20	16 24	0 56	22 34	1 35	3 40	1 50	21 34	1 42	2 55	1 29	8 23	2 12	2 26	0 43	16 39	1 48	20 34	13 4	12 4	12 6	3 30	16 54	6 33			
S 15	18 35	10 37	0n18	23 3	1 42	4 6	1 51	21 26	1 41	2 55	1 29	8 23	2 12	2 25	0 43	16 39	1 48	20 34	13 5	12 4	12 7	3 33	16 54	6 34			
M16	18 50	4 11	1 31	23 30	1 49	4 32	1 52	21 18	1 40	2 56	1 29	8 23	2 12	2 25	0 43	16 38	1 48	20 34	13 5	12 4	12 9	3 36	16 53	6 34			
T 17	19 4	2n33	2 40	23 53	1 55	4 58	1 53	21 10	1 39	2 56	1 28	8 23	2 12	2 24	0 43	16 38	1 48	20 34	13 5	12 5	12 10	3 40	16 53	6 35			
W18	19 17	9 14	3 39	24 15	2 0	5 24	1 54	21 1	1 39	2 56	1 28	8 23	2 12	2 24	0 43	16 37	1 48	20 34	13 6	12 6	12 11	3 43	16 52	6 35			
T 19	19 31	15 28	4 25	24 33	2 5	5 50	1 54	20 53	1 38	2 57	1 28	8 22	2 11	2 23	0 43	16 37	1 48	20 34	13 6	12 9	12 12	3 46	16 52	6 36			
F 20	19 44	20 49	4 52	24 49	2 9	6 16	1 55	20 44	1 37	2 57	1 28	8 22	2 11	2 23	0 43	16 37	1 48	20 34	13 6	12 12	12 13	3 50	16 51	6 36			
S 21	19 57	24 50	5 0	25 3	2 12	6 42	1 56	20 36	1 36	2 57	1 27	8 22	2 11	2 22	0 43	16 36	1 48	20 34	13 7	12 16	12 14	3 53	16 51	6 37			
S 22	20 9	27 13	4 49	25 14	2 14	7 7	1 56	20 27	1 36	2 57	1 27	8 21	2 11	2 22	0 43	16 36	1 48	20 35	13 7	12 20	12 15	3 56	16 51	6 37			
M23	20 21	27 47	4 21	25 23	2 15	7 33	1 57	20 18	1 35	2 57	1 27	8 21	2 11	2 21	0 43	16 35	1 48	20 35	13 8	12 24	12 16	4 0	16 50	6 38			
T 24	20 33	26 38	3 38	25 30	2 16	7 58	1 57	20 9	1 34	2 56	1 27	8 21	2 11	2 21	0 43	16 35	1 48	20 35	13 8	12 27	12 17	4 3	16 50	6 38			
W25	20 44	24 1	2 45	25 35	2 16	8 24	1 57	20 0	1 33	2 56	1 26	8 20	2 10	2 20	0 43	16 35	1 48	20 35	13 8	12 29	12 18	4 6	16 49	6 38			
T 26	20 55	20 16	1 45	25 38	2 15	8 49	1 57	19 50	1 33	2 56	1 26	8 20	2 10	2 20	0 43	16 34	1 48	20 35	13 9	12 30	12 20	4 10	16 49	6 39			
F 27	21 6	15 43	0 41	25 38	2 13	9 14	1 57	19 41	1 32	2 55	1 26	8 19	2 10	2 20	0 43	16 34	1 48	20 35	13 9	12 30	12 21	4 13	16 49	6 39			
S 28	21 16	10 39	0s23	25 37	2 10	9 39	1 57	19 31	1 31	2 55	1 26	8 18	2 10	2 19	0 43	16 33	1 48	20 36	13 9	12 30	12 22	4 16	16 48	6 40			
S 29	21 26	5 16	1 25	25 35	2 7	10 3	1 57	19 22	1 31	2 54	1 25	8 18	2 10	2 19	0 43	16 33	1 48	20 36	13 10	12 30	12 23	4 20	16 48	6 40			
M30	21 36	0s15	2 23	25 30	2 2	10 28	1 57	19 12	1 30	2 54	1 25	8 17	2 9	2 19	0 43	16 33	1 48	20 36	13 10	12 31	12 24	4 23	16 48	6 40			
T 31	21n45	5s44	3s15	25n25	1n57	10n52	1s57	19n 2	1n29	2n53	1n25	8n17	2n 9	2s18	0n42	16s32	1n48	20s36	13s10	12s32	12s25	4s26	16s47	6n41			

ASTRODIENST EPHEMERIS for the year 1803

geocentric

JUNE 1803

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 34 5	9II29'41	18♂50	2♂56	4♂41	11♂ 8	26♂ 2	14♂ 4	7°R25	21°R56	8♂23	26°R54	27♂16	4♂ 9	0°R26	W 1
T 2	16 38 1	10°27'07	0♂52	4° 0	5°52	11°42	26° 4	14° 5	7♂25	21♂55	8°23	26♂46	27°13	4°16	0♂22	T 2
F 3	16 41 58	11°24'32	13° 5	5° 2	7° 3	12°15	26° 6	14° 7	7°24	21°53	8°23	26°36	27°10	4°23	0°19	F 3
S 4	16 45 54	12°21'56	25°31	5°59	8°14	12°49	26° 7	14° 9	7°23	21°52	8°23	26°24	27° 7	4°29	0°15	S 4
S 5	16 49 51	13°19'19	8♂11	6°53	9°25	13°24	26° 9	14°11	7°23	21°50	8°23	26°12	27° 3	4°36	0°11	S 5
M 6	16 53 47	14°16'41	21° 5	7°43	10°36	13°58	26°12	14°13	7°22	21°49	8°23	26° 0	27° 0	4°43	0° 8	M 6
T 7	16 57 44	15°14'03	4♂12	8°29	11°47	14°32	26°14	14°15	7°22	21°47	8°23	25°50	26°57	4°49	0° 4	T 7
W 8	17 1 141	16°11'23	17°32	9°11	12°58	15° 6	26°17	14°17	7°21	21°46	8°24	25°43	26°54	4°56	29♂59	W 8
T 9	17 5 37	17° 8'43	1♂ 2	9°49	14°10	15°40	26°19	14°19	7°21	21°44	8°R24	25°38	26°51	5° 3	29°56	T 9
F 10	17 9 34	18° 6'03	14°42	10°23	15°21	16°15	26°22	14°22	7°21	21°43	8°24	25°36	26°47	5° 9	29°52	F 10
S 11	17 13 30	19° 3'22	28°31	10°52	16°32	16°49	26°25	14°24	7°20	21°41	8°24	25°D35	26°44	5°16	29°48	S 11
S 12	17 17 27	20° 0'40	12♂28	11°18	17°43	17°24	26°29	14°27	7°20	21°40	8°23	25°36	26°41	5°23	29°44	S 12
M13	17 21 23	20°57'58	26°34	11°38	18°55	17°58	26°32	14°29	7°20	21°39	8°23	25°R36	26°38	5°29	29°41	M13
T 14	17 25 20	21°55'16	10°Y47	11°55	20° 6	18°33	26°36	14°32	7°20	21°37	8°23	25°35	26°35	5°36	29°37	T 14
W15	17 29 16	22°52'33	25° 6	12° 6	21°17	19° 8	26°39	14°35	7°20	21°36	8°23	25°31	26°32	5°43	29°33	W15
T 16	17 33 13	23°49'50	9♂28	12°14	22°29	19°42	26°43	14°38	7°D20	21°35	8°23	25°25	26°28	5°49	29°29	T 16
F 17	17 37 10	24°47'07	23°47	12°R16	23°40	20°17	26°47	14°41	7°20	21°33	8°23	25°17	26°25	5°56	29°25	F 17
S 18	17 41 6	25°44'24	7II59	12°14	24°52	20°52	26°51	14°44	7°20	21°32	8°23	25° 8	26°22	6° 3	29°21	S 18
S 19	17 45 3	26°41'40	21°59	12° 8	26° 3	21°27	26°56	14°47	7°20	21°31	8°22	24°59	26°19	6° 9	29°17	S 19
M20	17 48 59	27°38'56	5♂42	11°57	27°15	22° 2	27° 0	14°50	7°20	21°30	8°22	24°50	26°16	6°16	29°13	M20
T 21	17 52 56	28°36'12	19° 5	11°43	28°27	22°37	27° 5	14°54	7°20	21°28	8°22	24°43	26°13	6°23	29° 9	T 21
W22	17 56 52	29°33'27	2♂ 7	11°24	29°38	23°12	27°10	14°57	7°21	21°27	8°22	24°39	26° 9	6°29	29° 5	W22
T 23	18 0 49	0♂30'41	14°48	11° 1	0II50	23°47	27°15	15° 1	7°21	21°26	8°21	24°36	26° 6	6°36	29° 1	T 23
F 24	18 4 46	1°27'55	27°10	10°35	2° 2	24°23	27°20	15° 4	7°22	21°25	8°21	24°D36	26° 3	6°43	28°57	F 24
S 25	18 8 42	2°25'08	9♂17	10° 6	3°14	24°58	27°25	15° 8	7°22	21°24	8°21	24°37	26° 0	6°49	28°53	S 25
S 26	18 12 39	3°22'21	21°14	9°35	4°25	25°33	27°31	15°12	7°23	21°23	8°20	24°38	25°57	6°56	28°49	S 26
M27	18 16 35	4°19'34	3♂ 5	9° 1	5°37	26° 9	27°36	15°16	7°23	21°21	8°20	24°R38	25°53	7° 3	28°45	M27
T 28	18 20 32	5°16'46	14°56	8°26	6°49	26°44	27°42	15°20	7°24	21°20	8°19	24°38	25°50	7° 9	28°41	T 28
W29	18 24 28	6°13'57	26°52	7°50	8° 1	27°20	27°48	15°24	7°24	21°19	8°19	24°35	25°47	7°16	28°37	W29
T 30	18 28 25	7♂11'08	8♂57	7♂14	9II13	27♂55	27♂54	15♂28	7♂25	21♂18	8♂18	24♂31	25♂44	7♂23	28♂33	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	21n54	11s 3	3s58	25n17	1n51	11n16	1s56	18n52	1n28	2n52	1n25	8n16	2n 9	2s18	0n42	16s32	1n48	20s37	13s11	12s34	12s26	4s29	16s47	6n41	
T 2	22 2	16 1	4 31	25 9	1 45	11 40	1 56	18 42	1 28	2 51	1 24	8 15	2 9	2 18	0 42	16 32	1 48	20 37	13 11	12 36	12 27	4 33	16 47	6 41	
F 3	22 10	20 26	4 53	24 59	1 37	12 4	1 55	18 32	1 27	2 51	1 24	8 14	2 9	2 17	0 42	16 31	1 48	20 37	13 11	12 40	12 28	4 36	16 46	6 42	
S 4	22 18	24 2	5 1	24 49	1 29	12 28	1 55	18 22	1 26	2 50	1 24	8 13	2 9	2 17	0 42	16 31	1 48	20 37	13 12	12 44	12 29	4 39	16 46	6 42	
S 5	22 25	26 33	4 55	24 37	1 20	12 51	1 54	18 11	1 26	2 49	1 24	8 12	2 8	2 17	0 42	16 30	1 48	20 38	13 12	12 48	12 30	4 43	16 46	6 42	
M 6	22 32	27 43	4 33	24 24	1 10	13 14	1 53	18 1	1 25	2 47	1 23	8 12	2 8	2 17	0 42	16 30	1 48	20 38	13 13	12 52	12 32	4 46	16 45	6 43	
T 7	22 39	27 21	3 57	24 11	0 59	13 36	1 52	17 50	1 24	2 46	1 23	8 11	2 8	2 17	0 42	16 30	1 48	20 38	13 13	12 55	12 33	4 49	16 45	6 43	
W 8	22 45	25 25	3 7	23 57	0 48	13 59	1 51	17 39	1 23	2 45	1 23	8 10	2 8	2 17	0 42	16 29	1 48	20 39	13 13	12 58	12 34	4 53	16 45	6 43	
T 9	22 51	22 1	2 7	23 42	0 36	14 21	1 50	17 28	1 23	2 44	1 23	8 9	2 8	2 17	0 42	16 29	1 48	20 39	13 14	12 59	12 35	4 56	16 45	6 43	
F 10	22 56	17 22	0 58	23 27	0 23	14 43	1 49	17 17	1 22	2 42	1 22	8 7	2 8	2 16	0 42	16 29	1 48	20 39	13 14	13 0	12 36	4 59	16 44	6 44	
S 11	23 1	11 46	0n16	23 11	0 10	15 4	1 48	17 6	1 21	2 41	1 22	8 6	2 7	2 16	0 42	16 28	1 48	20 40	13 14	13 0	12 37	5 2	16 44	6 44	
S 12	23 5	5 31	1 29	22 55	0s 4	15 26	1 47	16 55	1 21	2 39	1 22	8 5	2 7	2 16	0 42	16 28	1 48	20 40	13 15	13 0	12 38	5 6	16 44	6 44	
M13	23 10	1n 2	2 37	22 38	0 19	15 46	1 46	16 44	1 20	2 38	1 22	8 4	2 7	2 16	0 42	16 28	1 48	20 40	13 15	13 0	12 39	5 9	16 44	6 44	
T 14	23 13	7 36	3 36	22 22	0 34	16 7	1 44	16 33	1 19	2 36	1 22	8 3	2 7	2 16	0 42	16 27	1 48	20 41	13 15	13 1	12 40	5 12	16 43	6 45	
W15	23 17	13 48	4 23	22 6	0 50	16 27	1 43	16 21	1 19	2 34	1 21	8 2	2 7	2 16	0 42	16 27	1 48	20 41	13 16	13 2	12 41	5 16	16 43	6 45	
T 16	23 19	19 17	4 52	21 49	1 5	16 47	1 41	16 9	1 18	2 33	1 21	8 0	2 7	2 16	0 42	16 27	1 48	20 41	13 16	13 4	12 42	5 19	16 43	6 45	
F 17	23 22	23 39	5 4	21 33	1 22	17 6	1 40	15 58	1 17	2 31	1 21	7 59	2 6	2 16	0 42	16 26	1 48	20 42	13 16	13 6	12 43	5 22	16 43	6 45	
S 18	23 24	26 33	4 57	21 16	1 38	17 25	1 38	15 46	1 17	2 29	1 21	7 58	2 6	2 16	0 42	16 26	1 48	20 42	13 17	13 10	12 45	5 25	16 43	6 45	
S 19	23 26	27 44	4 31	21 1	1 55	17 44	1 36	15 34	1 16	2 27	1 20	7 56	2 6	2 17	0 42	16 26	1 48	20 43	13 17	13 13	12 46	5 29	16 43	6 45	
M20	23 27	27 11	3 51	20 45	2 11	18 2	1 35	15 22	1 15	2 25	1 20	7 55	2 6	2 17	0 42	16 26	1 47	20 43	13 17	13 16	12 47	5 32	16 42	6 45	
T 21	23 28	25 3	2 58	20 30	2 28	18 20	1 33	15 10	1 15	2 23	1 20	7 53	2 6	2 17	0 42	16 25	1 47	20 43	13 18	13 18	12 48	5 35	16 42	6 46	
W22	23 28	21 37	1 58	20 15	2 44	18 37	1 31	14 58	1 14	2 21	1 20	7 52	2 6	2 17	0 42	16 25	1 47	20 44	13 18	13 19	12 49	5 39	16 42	6 46	
T 23	23 28	17 15	0 52	20 2	2 59	18 54	1 29	14 46	1 13	2 19	1 19	7 50	2 5	2 17	0 42	16 25	1 47	20 44	13 18	13 20	12 50	5 42	16 42	6 46	
F 24	23 28	12 15	0s14	19 49	3 15	19 10	1 27	14 33	1 13	2 16	1 19	7 49	2 5	2 17	0 41	16 25	1 47	20 45	13 19	13 20	12 51	5 45	16 42	6 46	
S 25	23 27	6 53	1 18	19 36	3 29	19 26	1 25	14 21	1 12	2 14	1 19	7 47	2 5	2 18	0 41	16 24	1 47	20 45	13 19	13 20	12 52	5 48	16 42	6 46	
S 26	23 25	1 22	2 18	19 25	3 43	19 41	1 23	14 8	1 11	2 12	1 19	7 45	2 5	2 18	0 41	16 24	1 47	20 46	13 19	13 20	12 53	5 52	16 42	6 46	
M27	23 24	4s10	3 12	19 15	3 55	19 56	1 21	13 55	1 11	2 9	1 19	7 44	2 5	2 18	0 41	16 24	1 47	20 46	13 20	13 19	12 54	5 55	16 42	6 46	
T 28	23 22	9 32	3 58	19 6	4 7	20 10	1 19	13 43	1 10	2 7	1 18	7 42	2 5	2 18	0 41	16 24	1 47	20 47	13 20	13 20	12 55	5 58	16 42	6 46	
W29	23 19	14 36	4 33	18 57	4 17	20 24	1 17	13 30	1 9	2 4	1 18	7 40	2 4	2 19	0 41	16 23	1 47	20 47	13 20	13 20	12 56	6 1	16 42	6 46	
T 30	23n16	19s11	4s57	18n51	4s26	20n38	1s15	13n17	1n 9	2n 2	1n18	7n39	2n 4	2s19	0n41	16s23	1n47	20s47	13s21	13s22	12s57	6s 5	16s42	6n46	

ASTRODIENST EPHEMERIS for the year 1803
geocentric

JULY 1803

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 32 21	8°19'	21°15'	6°R38	10°II25	28°Ω31	28°mp 0	15°mp32	7°Ω26	21°R17	8°R18	24°R25	25°Ω41	7°Ω30	28°R29	F 1
S 2	18 36 18	9° 5'30	3°X49	6°Ω 3	11°37	29° 7	28° 6	15°37	7°27	21°M16	8°X17	24°Ω18	25°38	7°36	28°X25	S 2
S 3	18 40 15	10° 2'40	16°41	5°29	12°49	29°42	28°13	15°41	7°28	21°15	8°17	24°11	25°34	7°43	28°22	S 3
M 4	18 44 11	10°59'51	29°52	4°58	14° 1	0°mp18	28°19	15°45	7°29	21°14	8°16	24° 4	25°31	7°50	28°18	M 4
T 5	18 48 8	11°57'02	13°Ω19	4°29	15°13	0°54	28°26	15°50	7°30	21°14	8°16	23°58	25°28	7°56	28°14	T 5
W 6	18 52 4	12°54'12	27° 2	4° 3	16°25	1°30	28°33	15°55	7°31	21°13	8°15	23°53	25°25	8° 3	28°10	W 6
T 7	18 56 1	13°51'23	10°Ω57	3°41	17°38	2° 6	28°40	15°59	7°32	21°12	8°15	23°51	25°22	8°10	28° 6	T 7
F 8	18 59 57	14°48'34	25° 1	3°23	18°50	2°42	28°47	16° 4	7°33	21°11	8°14	23°D50	25°19	8°16	28° 3	F 8
S 9	19 3 54	15°45'45	9°X10	3°10	20° 2	3°18	28°54	16° 9	7°34	21°10	8°13	23°51	25°15	8°23	27°59	S 9
S 10	19 7 50	16°42'57	23°23	3° 1	21°14	3°54	29° 2	16°14	7°35	21° 9	8°13	23°52	25°12	8°30	27°55	S 10
M11	19 11 47	17°40'09	7°Y36	2°D57	22°27	4°30	29° 9	16°19	7°37	21° 9	8°12	23°53	25° 9	8°36	27°52	M11
T 12	19 15 44	18°37'22	21°48	2°59	23°39	5° 7	29°17	16°24	7°38	21° 8	8°11	23°R54	25° 6	8°43	27°48	T 12
W13	19 19 40	19°34'35	5°Ω56	3° 6	24°52	5°43	29°24	16°29	7°39	21° 7	8°10	23°52	25° 3	8°50	27°45	W13
T 14	19 23 37	20°31'49	19°59	3°18	26° 4	6°19	29°32	16°34	7°41	21° 7	8°10	23°50	24°59	8°56	27°41	T 14
F 15	19 27 33	21°29'04	3°II55	3°35	27°17	6°56	29°40	16°39	7°42	21° 6	8° 9	23°46	24°56	9° 3	27°38	F 15
S 16	19 31 30	22°26'20	17°41	3°58	28°29	7°32	29°48	16°45	7°44	21° 6	8° 8	23°42	24°53	9°10	27°34	S 16
S 17	19 35 26	23°23'36	1°Ω14	4°27	29°42	8° 9	29°57	16°50	7°45	21° 5	8° 7	23°37	24°50	9°16	27°31	S 17
M18	19 39 23	24°20'53	14°33	5° 1	0°Ω54	8°45	0°Ω 5	16°56	7°47	21° 4	8° 6	23°33	24°47	9°23	27°28	M18
T 19	19 43 19	25°18'10	27°36	5°41	2° 7	9°22	0°13	17° 1	7°49	21° 4	8° 6	23°29	24°44	9°30	27°24	T 19
W20	19 47 16	26°15'28	10°Ω23	6°26	3°20	9°59	0°22	17° 7	7°50	21° 3	8° 5	23°27	24°40	9°37	27°21	W20
T 21	19 51 13	27°12'46	22°54	7°17	4°32	10°35	0°30	17°12	7°52	21° 3	8° 4	23°D27	24°37	9°43	27°18	T 21
F 22	19 55 9	28°10'04	5°mp10	8°13	5°45	11°12	0°39	17°18	7°54	21° 3	8° 3	23°27	24°34	9°50	27°15	F 22
S 23	19 59 6	29° 7'23	17°14	9°14	6°58	11°49	0°48	17°24	7°56	21° 2	8° 2	23°28	24°31	9°57	27°12	S 23
S 24	20 3 2	0°Ω 4'43	29°10	10°21	8°11	12°26	0°57	17°30	7°58	21° 2	8° 1	23°30	24°28	10° 3	27° 9	S 24
M25	20 6 59	1° 2'03	11°Ω 1	11°32	9°24	13° 3	1° 6	17°35	8° 0	21° 2	8° 0	23°32	24°25	10°10	27° 6	M25
T 26	20 10 55	1°59'23	22°52	12°49	10°37	13°40	1°15	17°41	8° 2	21° 1	7°59	23°33	24°21	10°17	27° 3	T 26
W27	20 14 52	2°56'44	4°mp48	14°10	11°50	14°17	1°25	17°47	8° 4	21° 1	7°58	23°R33	24°18	10°23	27° 0	W27
T 28	20 18 48	3°54'05	16°53	15°36	13° 3	14°54	1°34	17°53	8° 6	21° 1	7°57	23°32	24°15	10°30	26°57	T 28
F 29	20 22 45	4°51'27	29°13	17° 7	14°16	15°31	1°44	17°59	8° 8	21° 1	7°56	23°31	24°12	10°37	26°55	F 29
S 30	20 26 42	5°48'50	11°X49	18°42	15°29	16° 8	1°53	18° 6	8°10	21° 1	7°55	23°29	24° 9	10°43	26°52	S 30
S 31	20 30 38	6°Ω46'13	24°X47	20°Ω21	16°Ω42	16°mp46	2°Ω 3	18°mp12	8°Ω12	21°mp 0	7°X54	23°Ω27	24°Ω 5	10°Ω50	26°X50	S 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	
F 1	23n13	23s 2	5s 8	18n45	4s33	20n50	1s12	13n 4	1n 8	1n59	1n18	7n37	2n 4	2s19	0n41	16s23	1n47	20s48	13s21	13s24	12s58	6s 8	16s41	6n46						
S 2	23 9	25 55	5 4	18 41	4 39	21 3	1 10	12 51	1 7	1 56	1 17	7 35	2 4	2 20	0 41	16 23	1 47	20 48	13 21	13 26	13 0	6 11	16 41	6 46						
S 3	23 5	27 31	4 45	18 38	4 44	21 14	1 8	12 38	1 7	1 53	1 17	7 33	2 4	2 20	0 41	16 22	1 47	20 49	13 22	13 29	13 1	6 14	16 41	6 46						
M 4	23 1	27 39	4 11	18 36	4 46	21 26	1 5	12 24	1 6	1 51	1 17	7 31	2 4	2 20	0 41	16 22	1 47	20 49	13 22	13 31	13 2	6 18	16 41	6 46						
T 5	22 56	26 9	3 22	18 36	4 48	21 36	1 3	12 11	1 5	1 48	1 17	7 29	2 4	2 21	0 41	16 22	1 47	20 50	13 22	13 33	13 3	6 21	16 41	6 46						
W 6	22 50	23 4	2 20	18 37	4 47	21 46	1 1	11 58	1 5	1 45	1 17	7 28	2 3	2 21	0 41	16 22	1 47	20 50	13 23	13 34	13 4	6 24	16 41	6 46						
T 7	22 45	18 37	1 9	18 40	4 45	21 55	0 58	11 44	1 4	1 42	1 16	7 26	2 3	2 22	0 41	16 22	1 47	20 51	13 23	13 35	13 5	6 27	16 41	6 46						
F 8	22 39	13 6	0n 6	18 44	4 42	22 4	0 56	11 31	1 3	1 39	1 16	7 24	2 3	2 22	0 41	16 22	1 47	20 52	13 23	13 35	13 6	6 31	16 42	6 46						
S 9	22 32	6 52	1 23	18 49	4 37	22 12	0 53	11 17	1 3	1 36	1 16	7 22	2 3	2 23	0 41	16 21	1 47	20 52	13 24	13 35	13 7	6 34	16 42	6 46						
S 10	22 25	0 17	2 34	18 55	4 31	22 20	0 51	11 3	1 2	1 33	1 16	7 20	2 3	2 23	0 41	16 21	1 47	20 53	13 24	13 35	13 8	6 37	16 42	6 45						
M11	22 18	6n19	3 36	19 2	4 24	22 27	0 48	10 49	1 1	1 30	1 16	7 18	2 3	2 24	0 41	16 21	1 46	20 53	13 24	13 34	13 9	6 40	16 42	6 45						
T 12	22 10	12 35	4 24	19 11	4 15	22 33	0 46	10 35	1 1	1 26	1 15	7 15	2 3	2 24	0 41	16 21	1 46	20 54	13 25	13 34	13 10	6 44	16 42	6 45						
W13	22 2	18 10	4 57	19 20	4 6	22 39	0 43	10 22	1 0	1 23	1 15	7 13	2 3	2 25	0 41	16 21	1 46	20 54	13 25	13 35	13 11	6 47	16 42	6 45						
T 14	21 54	22 45	5 11	19 30	3 56	22 44	0 40	10 7	1 0	1 20	1 15	7 11	2 2	2 26	0 41	16 21	1 46	20 55	13 25	13 36	13 12	6 50	16 42	6 45						
F 15	21 45	25 59	5 7	19 41	3 44	22 49	0 38	9 53	0 59	1 16	1 15	7 9	2 2	2 26	0 41	16 21	1 46	20 55	13 25	13 37	13 13	6 53	16 42	6 45						
S 16	21 36	27 38	4 45	19 52	3 32	22 52	0 35	9 39	0 58	1 13	1 15	7 7	2 2	2 27	0 41	16 21	1 46	20 56	13 26	13 38	13 15	6 56	16 42	6 45						
S 17	21 26	27 35	4 8	20 4	3 20	22 56	0 32	9 25	0 58	1 10	1 14	7 5	2 2	2 28	0 41	16 20	1 46	20 56	13 26	13 40	13 16	7 0	16 42	6 44						
M18	21 16	25 56	3 17	20 16	3 7	22 58	0 30	9 11	0 57	1 6	1 14	7 2	2 2	2 28	0 40	16 20	1 46	20 57	13 26	13 41	13 17	7 3	16 42	6 44						
T 19	21 6	22 54	2 17	20 28	2 53	23 0	0 27	8 56	0 56	1 3	1 14	7 0	2 2	2 29	0 40	16 20	1 46	20 58	13 26	13 42	13 18	7 6	16 43	6 44						
W20	20 55	18 48	1 11	20 40	2 39	23 1	0 24	8 42	0 56	0 59	1 14	6 58	2 2	2 30	0 40	16 20	1 46	20 58	13 27	13 43	13 19	7 9	16 43	6 44						
T 21	20 44	13 57	0 3	20 51	2 25	23 2	0 22	8 27	0 55	0 55	1 14	6 56	2 2	2 30	0 40	16 20	1 46	20 59	13 27	13 43	13 20	7 13	16 43	6 44						
F 22	20 33	8 38	1s 4	21 3	2 10	23 1	0 19	8 13	0 54	0 52	1 14	6 53	2 1	2 31	0 40	16 20	1 46	20 59	13 27	13 43	13 21	7 16	16 43	6 43						
S 23	20 21	3 6	2 7	21 13	1 56	23 1	0 17	7 58	0 54	0 48	1 13	6 51	2 1	2 32	0 40	16 20	1 46	21 0	13 27	13 43	13 22	7 19	16 43	6 43						
S 24	20 9	2s29	3 4	21 23	1 41	22 59	0 14	7 43	0 53	0 44	1 13	6 48	2 1	2 33	0 40	16 20	1 46	21 0	13 28	13 42	13 23	7 22	16 43	6 43						
M25	19 57	7 56	3 53	21 32	1 26	22 57	0 11	7 29	0 53	0 41	1 13	6 46	2 1	2 34	0 40	16 20	1 46	21 1	13 28	13 42	13 24	7 25	16 44	6 43						
T 26	19 44	13 6	4 31	21 39	1 12	22 54	0 9	7 14	0 52	0 37	1 13	6 44	2 1	2 34	0 40	16 20	1 46	21 2	13 28	13 41	13 25	7 29	16 44	6 42						
W27	19 31	17 49	4 59	21 46	0 57	22 51	0 6	6 59	0 51	0 33	1 13	6 41	2 1	2 35	0 40	16 20	1 46	21 2	13 28	13 41	13 26	7 32	16 44	6 42						
T 28	19 18	21 54	5 13	21 50	0 43	22 46	0 3	6 44	0 51	0 29	1 13	6 39	2 1	2 36	0 40	16 20	1 46	21 3	13 29	13 41	13 27	7 35	16 44	6 42						
F 29	19 4	25 6	5 14	21 53	0 29	22 42	0 1	6 29	0 50	0 25	1 12	6 36	2 1	2 37	0 40	16 20	1 45	21 3	13 29	13 42	13 28	7 38	16 45	6 41						
S 30	18 50	27 11	4 59	21 54	0 16	22 36	0n 2	6 14	0 49	0 21	1 12	6 34	2 1	2 38	0 40	16 20	1 45	21 4	13 29	13 42	13 29	7 41	16 45	6 41						
S 31	18n36	27s1	4s30	21n52	0s 3	22n30	0n 5	5n59	0n49	0n17	1n12	6n31	2n 1	2s39	0n40	16s20	1n45	21s 5	13s29	13s43	13s30	7s45	16s45	6n41						

ASTRODIENST EPHEMERIS for the year 1803
geocentric

AUGUST 1803

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 34 35	7♏43'38	8♏ 7	22♏ 4	17♏55	17♏23	2♏13	18♏18	8♏15	21°R 0	7°R53	23°R24	24♏ 2	10♏57	26°R47	M 1
T 2	20 38 31	8°41'02	21°49	23°50	19° 8	18° 0	2°22	18°24	8°17	21♏ 0	7♏52	23♏23	23°59	11° 3	26♏45	T 2
W 3	20 42 28	9°38'28	5♏51	25°40	20°21	18°38	2°32	18°31	8°19	21°D 0	7°51	23°21	23°56	11°10	26°42	W 3
T 4	20 46 24	10°35'55	20° 9	27°32	21°34	19°15	2°42	18°37	8°22	21° 0	7°50	23°D21	23°53	11°17	26°40	T 4
F 5	20 50 21	11°33'22	4♏39	29°28	22°48	19°53	2°52	18°44	8°24	21° 0	7°49	23°21	23°50	11°23	26°38	F 5
S 6	20 54 18	12°30'51	19°15	1♏25	24° 1	20°30	3° 3	18°50	8°27	21° 0	7°48	23°22	23°46	11°30	26°36	S 6
S 7	20 58 14	13°28'21	3♏51	3°24	25°14	21° 8	3°13	18°57	8°29	21° 0	7°47	23°23	23°43	11°37	26°34	S 7
M 8	21 2 11	14°25'52	18°21	5°25	26°28	21°45	3°23	19° 3	8°32	21° 1	7°45	23°23	23°40	11°44	26°32	M 8
T 9	21 6 7	15°23'25	2♏42	7°26	27°41	22°23	3°34	19°10	8°34	21° 1	7°44	23°24	23°37	11°50	26°30	T 9
W10	21 10 4	16°20'59	16°51	9°29	28°54	23° 1	3°44	19°16	8°37	21° 1	7°43	23°R24	23°34	11°57	26°28	W10
T 11	21 14 0	17°18'35	0♏46	11°31	0♏ 8	23°39	3°55	19°23	8°40	21° 1	7°42	23°24	23°31	12° 4	26°26	T 11
F 12	21 17 57	18°16'12	14°25	13°34	1°21	24°17	4° 6	19°30	8°42	21° 1	7°41	23°23	23°27	12°10	26°24	F 12
S 13	21 21 53	19°13'51	27°50	15°37	2°35	24°55	4°16	19°37	8°45	21° 2	7°40	23°23	23°24	12°17	26°23	S 13
S 14	21 25 50	20°11'31	10♏59	17°40	3°49	25°33	4°27	19°43	8°48	21° 2	7°38	23°23	23°21	12°24	26°21	S 14
M15	21 29 47	21° 9'13	23°55	19°42	5° 2	26°11	4°38	19°50	8°51	21° 2	7°37	23°22	23°18	12°30	26°20	M15
T 16	21 33 43	22° 6'56	6♏36	21°43	6°16	26°49	4°49	19°57	8°54	21° 3	7°36	23°22	23°15	12°37	26°19	T 16
W17	21 37 40	23° 4'41	19° 5	23°43	7°30	27°27	5° 0	20° 4	8°56	21° 3	7°35	23°22	23°11	12°44	26°17	W17
T 18	21 41 36	24° 2'27	1♏23	25°42	8°43	28° 5	5°11	20°11	8°59	21° 4	7°34	23°22	23° 8	12°50	26°16	T 18
F 19	21 45 33	25° 0'14	13°30	27°41	9°57	28°43	5°23	20°18	9° 2	21° 4	7°32	23°22	23° 5	12°57	26°15	F 19
S 20	21 49 29	25°58'02	25°29	29°38	11°11	29°22	5°34	20°25	9° 5	21° 5	7°31	23°22	23° 2	13° 4	26°14	S 20
S 21	21 53 26	26°55'52	7♏22	1♏33	12°25	29°59	5°45	20°32	9° 8	21° 5	7°30	23°21	22°59	13°11	26°13	S 21
M22	21 57 22	27°53'43	19°12	3°28	13°39	0♏38	5°57	20°39	9°11	21° 6	7°29	23°21	22°56	13°17	26°12	M22
T 23	22 1 19	28°51'36	1♏ 3	5°21	14°53	1°17	6° 8	20°46	9°14	21° 6	7°27	23°20	22°52	13°24	26°11	T 23
W24	22 5 15	29°49'29	12°57	7°13	16° 7	1°55	6°20	20°53	9°18	21° 7	7°26	23°20	22°49	13°31	26°11	W24
T 25	22 9 12	0♏47'24	25° 1	9° 4	17°21	2°34	6°31	21° 1	9°21	21° 8	7°25	23°D19	22°46	13°37	26°10	T 25
F 26	22 13 9	1°45'21	7♏18	10°53	18°35	3°12	6°43	21° 8	9°24	21° 8	7°24	23°19	22°43	13°44	26° 9	F 26
S 27	22 17 5	2°43'19	19°52	12°41	19°49	3°51	6°55	21°15	9°27	21° 9	7°22	23°20	22°40	13°51	26° 9	S 27
S 28	22 21 2	3°41'18	2♏47	14°28	21° 3	4°30	7° 6	21°22	9°30	21°10	7°21	23°21	22°37	13°57	26° 9	S 28
M29	22 24 58	4°39'18	16° 7	16°14	22°17	5° 9	7°18	21°30	9°33	21°11	7°20	23°21	22°33	14° 4	26° 8	M29
T 30	22 28 55	5°37'20	29°52	17°58	23°31	5°47	7°30	21°37	9°37	21°12	7°19	23°22	22°30	14°11	26° 8	T 30
W31	22 32 51	6♏35'23	14♏ 3	19♏41	24♏45	6♏26	7♏42	21♏44	9♏40	21♏13	7♏17	23♏23	22♏27	14♏17	26♏ 8	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	decl lat	decl lat
M 1	18n22	26s57	3s45	21n49	0n 9	22n23	0n 7	5n44	0n48	0n13	1n12	6n29	2n 1	2s40	0n40	16s20
T 2	18 7	24 25	2 46	21 43	0 21	22 16	0 10	5 29	0 47	0 9	1 12	6 26	2 0	2 41	0 40	16 20
W 3	17 51	20 22	1 35	21 34	0 33	22 8	0 12	5 13	0 47	0 5	1 12	6 24	2 0	2 42	0 40	16 20
T 4	17 36	15 4	0 18	21 23	0 43	21 59	0 15	4 58	0 46	0 1	1 11	6 21	2 0	2 43	0 40	16 20
F 5	17 20	8 51	1n 2	21 9	0 53	21 49	0 17	4 43	0 46	0s 3	1 11	6 18	2 0	2 44	0 40	16 20
S 6	17 4	2 8	2 19	20 52	1 2	21 39	0 20	4 27	0 45	0 7	1 11	6 16	2 0	2 45	0 40	16 20
S 7	16 48	4n41	3 26	20 33	1 10	21 29	0 22	4 12	0 44	0 12	1 11	6 13	2 0	2 46	0 40	16 21
M 8	16 31	11 12	4 20	20 11	1 17	21 17	0 25	3 57	0 44	0 16	1 11	6 11	2 0	2 47	0 40	16 21
T 9	16 14	17 4	4 57	19 47	1 24	21 6	0 27	3 41	0 43	0 20	1 11	6 8	2 0	2 48	0 40	16 21
W10	15 57	21 55	5 15	19 20	1 29	20 53	0 30	3 26	0 42	0 25	1 11	6 5	2 0	2 49	0 40	16 21
T 11	15 40	25 27	5 14	18 51	1 34	20 40	0 32	3 10	0 42	0 29	1 10	6 3	2 0	2 50	0 40	16 21
F 12	15 22	27 27	4 56	18 20	1 38	20 26	0 34	2 54	0 41	0 33	1 10	6 0	2 0	2 51	0 40	16 21
S 13	15 4	27 49	4 22	17 47	1 41	20 12	0 36	2 39	0 41	0 38	1 10	5 57	2 0	2 52	0 40	16 21
S 14	14 46	26 34	3 34	17 12	1 43	19 57	0 39	2 23	0 40	0 42	1 10	5 54	2 0	2 53	0 40	16 21
M15	14 28	23 55	2 36	16 35	1 45	19 41	0 41	2 7	0 39	0 47	1 10	5 52	2 0	2 54	0 39	16 21
T 16	14 9	20 7	1 32	15 57	1 46	19 25	0 43	1 52	0 39	0 51	1 10	5 49	2 0	2 55	0 39	16 22
W17	13 50	15 30	0 24	15 18	1 46	19 9	0 45	1 36	0 38	0 56	1 10	5 46	1 59	2 57	0 39	16 22
T 18	13 31	10 18	0s44	14 37	1 45	18 52	0 47	1 20	0 37	1 0	1 10	5 43	1 59	2 58	0 39	16 22
F 19	13 12	4 49	1 49	13 55	1 44	18 34	0 49	1 4	0 37	1 5	1 9	5 41	1 59	2 59	0 39	16 22
S 20	12 53	0s47	2 49	13 13	1 42	18 16	0 51	0 49	0 36	1 9	1 9	5 38	1 59	3 0	0 39	16 22
S 21	12 33	6 18	3 41	12 29	1 40	17 57	0 53	0 33	0 36	1 14	1 9	5 35	1 59	3 1	0 39	16 23
M22	12 13	11 34	4 23	11 45	1 37	17 38	0 55	0 17	0 35	1 18	1 9	5 32	1 59	3 3	0 39	16 23
T 23	11 53	16 26	4 53	11 1	1 34	17 18	0 57	0 1	0 34	1 23	1 9	5 29	1 59	3 4	0 39	16 23
W24	11 33	20 41	5 12	10 16	1 30	16 58	0 59	0s15	0 34	1 28	1 9	5 26	1 59	3 5	0 39	16 23
T 25	11 12	24 10	5 17	9 30	1 26	16 37	1 0	0 31	0 33	1 32	1 9	5 24	1 59	3 6	0 39	16 23
F 26	10 52	26 36	5 8	8 45	1 21	16 16	1 2	0 47	0 33	1 37	1 9	5 21	1 59	3 8	0 39	16 24
S 27	10 31	27 48	4 44	7 59	1 16	15 54	1 4	1 3	0 32	1 42	1 9	5 18	1 59	3 9	0 39	16 24
S 28	10 10	27 31	4 5	7 13	1 11	15 32	1 5	1 19	0 31	1 47	1 8	5 15	1 59	3 10	0 39	16 24
M29	9 49	25 40	3 12	6 27	1 6	15 9	1 7	1 35	0 31	1 51	1 8	5 12	1 59	3 12	0 39	16 24
T 30	9 28	22 16	2 7	5 41	1 0	14 46	1 8	1 51	0 30	1 56	1 8	5 9	1 59	3 13	0 39	16 25
W31	9n 6	17s27	0s51	4n55	0n54	14n23	1n10	2s 7	0n29	2s 1	1n 8	5n 6	1n59	3s14	0n39	16s25

Julian Day Number = 2379803.5, Delta T = 16.94 sec
Ecliptic obliquity = 23°28'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°59'52, Lahiri = 21°06'52

ASTRODIENST EPHEMERIS for the year 1803

geocentric

SEPTEMBER 1803

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 36 48	7 ^h 33'28"	28 ^h 36'	21 ^h 23'	25 ^h 05'	7 ^h 5	7 ^h 54'	21 ^h 51'	9 ^h 43'	21 ^h 13'	7 ^h 16'	23 ^h R23	22 ^h 24'	14 ^h 24'	26 ^h D 8	T 1
F 2	22 40 44	8 ^h 31'34"	13 ^h 27'	23 ^h 3	27 ^h 13'	7 ^h 44	8 ^h 6	21 ^h 59	9 ^h 47	21 ^h 14	7 ^h 15	23 ^h 22	22 ^h 21	14 ^h 31	26 ^h 7 8	F 2
S 3	22 44 41	9 ^h 29'42"	28 ^h 26'	24 ^h 42	28 ^h 28	8 ^h 23	8 ^h 18	22 ^h 6	9 ^h 50	21 ^h 15	7 ^h 14	23 ^h 21	22 ^h 17	14 ^h 38	26 ^h 8	S 3
S 4	22 48 38	10 ^h 27'52"	13 ^h 27'	26 ^h 20	29 ^h 42	9 ^h 2	8 ^h 30	22 ^h 13	9 ^h 54	21 ^h 16	7 ^h 12	23 ^h 19	22 ^h 14	14 ^h 44	26 ^h 9	S 4
M 5	22 52 34	11 ^h 26'03"	28 ^h 20	27 ^h 57	0 ^h 56	9 ^h 41	8 ^h 42	22 ^h 21	9 ^h 57	21 ^h 17	7 ^h 11	23 ^h 17	22 ^h 11	14 ^h 51	26 ^h 9	M 5
T 6	22 56 31	12 ^h 24'17"	12 ^h 59	29 ^h 33	2 ^h 11	10 ^h 21	8 ^h 55	22 ^h 28	10 ^h 0	21 ^h 18	7 ^h 10	23 ^h 15	22 ^h 8	14 ^h 58	26 ^h 9	T 6
W 7	23 0 27	13 ^h 22'33"	27 ^h 18	1 ^h 7	3 ^h 25	11 ^h 0	9 ^h 7	22 ^h 36	10 ^h 4	21 ^h 19	7 ^h 9	23 ^h 13	22 ^h 5	15 ^h 4	26 ^h 10	W 7
T 8	23 4 24	14 ^h 20'51"	11 ^h 14	2 ^h 41	4 ^h 39	11 ^h 39	9 ^h 19	22 ^h 43	10 ^h 7	21 ^h 21	7 ^h 7	23 ^h D13	22 ^h 2	15 ^h 11	26 ^h 10	T 8
F 9	23 8 20	15 ^h 19'12"	24 ^h 48	4 ^h 13	5 ^h 54	12 ^h 18	9 ^h 31	22 ^h 51	10 ^h 11	21 ^h 22	7 ^h 6	23 ^h 13	21 ^h 58	15 ^h 18	26 ^h 11	F 9
S 10	23 12 17	16 ^h 17'34"	8 ^h 0	5 ^h 44	7 ^h 8	12 ^h 58	9 ^h 44	22 ^h 58	10 ^h 14	21 ^h 23	7 ^h 5	23 ^h 14	21 ^h 55	15 ^h 24	26 ^h 12	S 10
S 11	23 16 13	17 ^h 15'58"	20 ^h 54	7 ^h 14	8 ^h 23	13 ^h 37	9 ^h 56	23 ^h 5	10 ^h 18	21 ^h 24	7 ^h 4	23 ^h 15	21 ^h 52	15 ^h 31	26 ^h 13	S 11
M12	23 20 10	18 ^h 14'25"	3 ^h 03	8 ^h 43	9 ^h 37	14 ^h 17	10 ^h 9	23 ^h 13	10 ^h 21	21 ^h 25	7 ^h 2	23 ^h 17	21 ^h 49	15 ^h 38	26 ^h 14	M12
T 13	23 24 7	19 ^h 12'53"	15 ^h 55	10 ^h 11	10 ^h 52	14 ^h 56	10 ^h 21	23 ^h 20	10 ^h 25	21 ^h 26	7 ^h 1	23 ^h 18	21 ^h 46	15 ^h 44	26 ^h 15	T 13
W14	23 28 3	20 ^h 11'24"	28 ^h 9	11 ^h 37	12 ^h 6	15 ^h 36	10 ^h 34	23 ^h 28	10 ^h 29	21 ^h 28	7 ^h 0	23 ^h R18	21 ^h 42	15 ^h 51	26 ^h 16	W14
T 15	23 32 0	21 ^h 9'56"	10 ^h 13	13 ^h 2	13 ^h 21	16 ^h 16	10 ^h 46	23 ^h 35	10 ^h 32	21 ^h 29	6 ^h 59	23 ^h 17	21 ^h 39	15 ^h 58	26 ^h 17	T 15
F 16	23 35 56	22 ^h 8'31"	22 ^h 12	14 ^h 26	14 ^h 36	16 ^h 55	10 ^h 59	23 ^h 43	10 ^h 36	21 ^h 30	6 ^h 57	23 ^h 14	21 ^h 36	16 ^h 5	26 ^h 18	F 16
S 17	23 39 53	23 ^h 7'07"	4 ^h 5	15 ^h 49	15 ^h 50	17 ^h 35	11 ^h 12	23 ^h 50	10 ^h 40	21 ^h 32	6 ^h 56	23 ^h 10	21 ^h 33	16 ^h 11	26 ^h 20	S 17
S 18	23 43 49	24 ^h 5'46"	15 ^h 56	17 ^h 11	17 ^h 5	18 ^h 15	11 ^h 24	23 ^h 58	10 ^h 43	21 ^h 33	6 ^h 55	23 ^h 5	21 ^h 30	16 ^h 18	26 ^h 21	S 18
M19	23 47 46	25 ^h 4'26"	27 ^h 46	18 ^h 31	18 ^h 20	18 ^h 55	11 ^h 37	24 ^h 5	10 ^h 47	21 ^h 35	6 ^h 54	22 ^h 59	21 ^h 27	16 ^h 25	26 ^h 23	M19
T 20	23 51 42	26 ^h 3'08"	9 ^h 37	19 ^h 50	19 ^h 34	19 ^h 35	11 ^h 50	24 ^h 13	10 ^h 51	21 ^h 36	6 ^h 53	22 ^h 53	21 ^h 23	16 ^h 31	26 ^h 24	T 20
W21	23 55 39	27 ^h 1'51"	21 ^h 33	21 ^h 8	20 ^h 49	20 ^h 15	12 ^h 2	24 ^h 20	10 ^h 54	21 ^h 37	6 ^h 51	22 ^h 48	21 ^h 20	16 ^h 38	26 ^h 26	W21
T 22	23 59 36	28 ^h 0'37"	3 ^h 36	22 ^h 24	22 ^h 4	20 ^h 55	12 ^h 15	24 ^h 28	10 ^h 58	21 ^h 39	6 ^h 50	22 ^h 44	21 ^h 17	16 ^h 45	26 ^h 28	T 22
F 23	0 3 32	28 ^h 59'25"	15 ^h 50	23 ^h 39	23 ^h 18	21 ^h 35	12 ^h 28	24 ^h 35	11 ^h 2	21 ^h 40	6 ^h 49	22 ^h 42	21 ^h 14	16 ^h 51	26 ^h 30	F 23
S 24	0 7 29	29 ^h 58'14"	28 ^h 20	24 ^h 52	24 ^h 33	22 ^h 15	12 ^h 41	24 ^h 43	11 ^h 5	21 ^h 42	6 ^h 48	22 ^h D41	21 ^h 11	16 ^h 58	26 ^h 32	S 24
S 25	0 11 25	0 ^h 57'05"	11 ^h 9	26 ^h 3	25 ^h 48	22 ^h 55	12 ^h 54	24 ^h 50	11 ^h 9	21 ^h 44	6 ^h 47	22 ^h 41	21 ^h 8	17 ^h 5	26 ^h 34	S 25
M26	0 15 22	1 ^h 55'57"	24 ^h 21	27 ^h 12	27 ^h 3	23 ^h 36	13 ^h 6	24 ^h 57	11 ^h 13	21 ^h 45	6 ^h 46	22 ^h 42	21 ^h 4	17 ^h 12	26 ^h 36	M26
T 27	0 19 18	2 ^h 54'52"	8 ^h 0	28 ^h 20	28 ^h 18	24 ^h 16	13 ^h 19	25 ^h 5	11 ^h 17	21 ^h 47	6 ^h 45	22 ^h 44	21 ^h 1	17 ^h 18	26 ^h 38	T 27
W28	0 23 15	3 ^h 53'48"	22 ^h 7	29 ^h 25	29 ^h 33	24 ^h 56	13 ^h 32	25 ^h 12	11 ^h 20	21 ^h 48	6 ^h 44	22 ^h R44	20 ^h 58	17 ^h 25	26 ^h 40	W28
T 29	0 27 11	4 ^h 52'45"	6 ^h 41	0 ^h 29	0 ^h 47	25 ^h 37	13 ^h 45	25 ^h 20	11 ^h 24	21 ^h 50	6 ^h 42	22 ^h 44	20 ^h 55	17 ^h 32	26 ^h 43	T 29
F 30	0 31 8	5 ^h 51'45"	21 ^h 37	1 ^h 30	2 ^h 2	26 ^h 17	13 ^h 58	25 ^h 27	11 ^h 28	21 ^h 52	6 ^h 41	22 ^h 44	20 ^h 52	17 ^h 38	26 ^h 45	F 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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ASTRODIENST EPHEMERIS for the year 1803
geocentric

OCTOBER 1803

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 35 5	6♂50'47	6♂49	2♂28	3♂17	26♂58	14♂11	25♂35	11♂32	21♂53	6°R40	22°R36	20♂48	17♂45	26♂48	S 1
S 2	0 39 1	7°49'50	22° 7	3°24	4°32	27°39	14°24	25°42	11°35	21°55	6°H39	22°30	20°45	17°52	26°50	S 2
M 3	0 42 58	8°48'56	7♂19	4°16	5°47	28°19	14°37	25°49	11°39	21°57	6°38	22°23	20°42	17°58	26°53	M 3
T 4	0 46 54	9°48'04	22°16	5° 5	7° 2	29° 0	14°50	25°57	11°43	21°59	6°37	22°16	20°39	18° 5	26°56	T 4
W 5	0 50 51	10°47'15	6♂50	5°51	8°17	29°41	15° 3	26° 4	11°47	22° 0	6°36	22°11	20°36	18°12	26°59	W 5
T 6	0 54 47	11°46'27	20°56	6°33	9°32	0♂21	15°16	26°11	11°51	22° 2	6°35	22° 7	20°33	18°19	27° 2	T 6
F 7	0 58 44	12°45'42	4♂34	7°10	10°47	1° 2	15°29	26°19	11°54	22° 4	6°34	22° 4	20°29	18°25	27° 5	F 7
S 8	1 2 40	13°45'00	17°45	7°43	12° 2	1°43	15°42	26°26	11°58	22° 6	6°33	22°D 4	20°26	18°32	27° 8	S 8
S 9	1 6 37	14°44'20	0♂33	8°11	13°17	2°24	15°55	26°33	12° 2	22° 8	6°32	22° 5	20°23	18°39	27°11	S 9
M10	1 10 34	15°43'42	13° 1	8°33	14°32	3° 5	16° 8	26°40	12° 6	22°10	6°31	22° 6	20°20	18°45	27°14	M10
T 11	1 14 30	16°43'06	25°15	8°49	15°47	3°46	16°21	26°48	12°10	22°12	6°30	22°R 6	20°17	18°52	27°17	T 11
W12	1 18 27	17°42'32	7♂18	8°58	17° 2	4°28	16°34	26°55	12°13	22°13	6°30	22° 5	20°14	18°59	27°21	W12
T 13	1 22 23	18°42'01	19°13	9°R 1	18°17	5° 9	16°47	27° 2	12°17	22°15	6°29	22° 1	20°10	19° 5	27°24	T 13
F 14	1 26 20	19°41'32	1♂ 5	8°56	19°32	5°50	17° 0	27° 9	12°21	22°17	6°28	21°55	20° 7	19°12	27°28	F 14
S 15	1 30 16	20°41'05	12°56	8°42	20°47	6°31	17°13	27°16	12°25	22°19	6°27	21°46	20° 4	19°19	27°31	S 15
S 16	1 34 13	21°40'40	24°46	8°21	22° 2	7°13	17°26	27°23	12°28	22°21	6°26	21°35	20° 1	19°26	27°35	S 16
M17	1 38 9	22°40'17	6♂39	7°50	23°18	7°54	17°39	27°30	12°32	22°23	6°25	21°23	19°58	19°32	27°39	M17
T 18	1 42 6	23°39'56	18°34	7°11	24°33	8°36	17°52	27°37	12°36	22°25	6°24	21°11	19°54	19°39	27°43	T 18
W19	1 46 2	24°39'37	0♂35	6°24	25°48	9°17	18° 5	27°44	12°40	22°27	6°24	21° 0	19°51	19°46	27°46	W19
T 20	1 49 59	25°39'20	12°43	5°28	27° 3	9°59	18°18	27°51	12°43	22°29	6°23	20°50	19°48	19°52	27°50	T 20
F 21	1 53 56	26°39'05	25° 0	4°25	28°18	10°40	18°31	27°58	12°47	22°32	6°22	20°43	19°45	19°59	27°54	F 21
S 22	1 57 52	27°38'51	7♂29	3°17	29°33	11°22	18°44	28° 5	12°51	22°34	6°22	20°39	19°42	20° 6	27°58	S 22
S 23	2 1 49	28°38'40	20°14	2° 3	0♂48	12° 4	18°57	28°12	12°54	22°36	6°21	20°37	19°39	20°12	28° 3	S 23
M24	2 5 45	29°38'30	3♂19	0°48	2° 4	12°46	19°10	28°18	12°58	22°38	6°20	20°D37	19°35	20°19	28° 7	M24
T25	2 9 42	0♂38'21	16°48	29♂31	3°19	13°28	19°23	28°25	13° 2	22°40	6°20	20°R37	19°32	20°26	28°11	T25
W26	2 13 38	1°38'14	0♂42	28°17	4°34	14°10	19°36	28°32	13° 5	22°42	6°19	20°37	19°29	20°33	28°15	W26
T 27	2 17 35	2°38'09	15° 4	27° 7	5°49	14°52	19°48	28°38	13° 9	22°44	6°18	20°35	19°26	20°39	28°20	T 27
F 28	2 21 31	3°38'05	29°51	26° 4	7° 4	15°34	20° 1	28°45	13°13	22°46	6°18	20°30	19°23	20°46	28°24	F 28
S 29	2 25 28	4°38'03	14♂57	25° 9	8°20	16°16	20°14	28°52	13°16	22°48	6°17	20°23	19°19	20°53	28°29	S 29
S 30	2 29 25	5°38'03	0♂14	24°24	9°35	16°58	20°27	28°58	13°20	22°51	6°17	20°13	19°16	20°59	28°33	S 30
M31	2 33 21	6♂38'05	15♂32	23♂49	10♂50	17♂40	20♂40	29♂5	13♂23	22♂53	6°H16	20°22	19°13	21♂ 6	28°38	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	2s43	6n 1	3n35	15s 3	2s53	0s 2	1n23	10s15	0n10	4s35	1n 6	3n36	2n 0	3s58	0n39	16s37
S 2	3 7	12 44	4 26	15 27	2 58	0 33	1 22	10 30	0 10	4 40	1 6	3 33	2 0	4 0	0 39	16 38
M 3	3 30	18 39	4 57	15 50	3 3	1 3	1 22	10 45	0 9	4 45	1 6	3 30	2 0	4 1	0 39	16 38
T 4	3 53	23 19	5 8	16 11	3 8	1 33	1 21	11 0	0 8	4 50	1 6	3 27	2 0	4 3	0 39	16 39
W 5	4 16	26 22	4 58	16 30	3 12	2 3	1 20	11 15	0 8	4 55	1 6	3 25	2 1	4 4	0 39	16 39
T 6	4 40	27 39	4 30	16 48	3 15	2 34	1 19	11 30	0 7	5 0	1 6	3 22	2 1	4 6	0 39	16 40
F 7	5 3	27 11	3 47	17 3	3 18	3 4	1 19	11 45	0 7	5 5	1 6	3 19	2 1	4 7	0 39	16 40
S 8	5 26	25 10	2 54	17 16	3 21	3 34	1 18	12 0	0 6	5 10	1 6	3 16	2 1	4 9	0 39	16 41
S 9	5 49	21 54	1 53	17 26	3 22	4 4	1 17	12 14	0 5	5 15	1 6	3 13	2 1	4 10	0 39	16 41
M10	6 12	17 42	0 49	17 34	3 23	4 34	1 15	12 29	0 5	5 20	1 6	3 11	2 1	4 12	0 39	16 42
T 11	6 35	12 51	0s17	17 39	3 22	5 4	1 14	12 43	0 4	5 25	1 6	3 8	2 1	4 13	0 39	16 42
W12	6 57	7 36	1 21	17 41	3 21	5 34	1 13	12 58	0 4	5 30	1 6	3 5	2 1	4 15	0 39	16 43
T 13	7 20	2 7	2 20	17 39	3 18	6 4	1 12	13 12	0 3	5 35	1 6	3 2	2 1	4 16	0 39	16 43
F 14	7 43	3s23	3 13	17 33	3 14	6 34	1 11	13 27	0 2	5 40	1 6	3 0	2 1	4 18	0 39	16 44
S 15	8 5	8 45	3 57	17 24	3 9	7 3	1 9	13 41	0 2	5 45	1 6	2 57	2 2	4 19	0 39	16 44
S 16	8 28	13 48	4 31	17 10	3 2	7 33	1 8	13 55	0 1	5 50	1 6	2 54	2 2	4 21	0 39	16 45
M17	8 50	18 21	4 53	16 52	2 54	8 2	1 6	14 9	0 0	5 55	1 6	2 51	2 2	4 22	0 39	16 45
T 18	9 12	22 13	5 2	16 30	2 43	8 31	1 5	14 23	0s 0	6 0	1 6	2 49	2 2	4 23	0 39	16 46
W19	9 34	25 10	4 59	16 3	2 31	9 0	1 3	14 37	0 1	6 5	1 6	2 46	2 2	4 25	0 39	16 46
T 20	9 56	27 0	4 41	15 31	2 17	9 29	1 2	14 51	0 1	6 10	1 6	2 43	2 2	4 26	0 39	16 47
F 21	10 17	27 33	4 11	14 55	2 1	9 57	1 0	15 4	0 2	6 15	1 6	2 41	2 2	4 28	0 39	16 47
S 22	10 39	26 43	3 28	14 15	1 44	10 25	0 58	15 18	0 3	6 20	1 6	2 38	2 2	4 29	0 39	16 48
S 23	11 0	24 29	2 34	13 32	1 26	10 53	0 56	15 31	0 3	6 25	1 6	2 36	2 3	4 31	0 39	16 49
M24	11 22	20 54	1 31	12 47	1 6	11 21	0 55	15 45	0 4	6 29	1 6	2 33	2 3	4 32	0 39	16 49
T25	11 43	16 9	0 20	12 1	0 45	11 48	0 53	15 58	0 4	6 34	1 6	2 31	2 3	4 34	0 39	16 50
W26	12 3	10 24	0n53	11 16	0 25	12 16	0 51	16 11	0 5	6 39	1 6	2 28	2 3	4 35	0 39	16 50
T 27	12 24	3 57	2 6	10 31	0 4	12 42	0 49	16 24	0 6	6 44	1 6	2 25	2 3	4 36	0 39	16 51
F 28	12 45	2n52	3 12	9 50	0n16	13 9	0 47	16 37	0 6	6 49	1 6	2 23	2 3	4 38	0 39	16 51
S 29	13 5	9 40	4 6	9 12	0 35	13 35	0 45	16 50	0 7	6 54	1 6	2 21	2 4	4 39	0 39	16 52
S 30	13 25	15 59	4 43	8 39	0 53	14 1	0 43	17 2	0 7	6 58	1 6	2 18	2 4	4 41	0 39	16 52
M31	13s45	21n17	5n 0	8s11	1n 9	14s27	0n41	17s15	0s 8	7s 3	1n 6	2n16	2n 4	4s42	0n39	16s53

Julian Day Number = 2379864.5, Delta T = 16.86 sec
Ecliptic obliquity = 23°28'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°00'00, Lahiri = 21°07'01

ASTRODIENST EPHEMERIS for the year 1803
geocentric

NOVEMBER 1803

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 37 18	7♏38'09	0♏38	23°R26	12♏ 5	18♏22	20♏53	29♏11	13♏27	22♏55	6°R16	19°R51	19♏10	21♏13	28♏43	T 1
W 2	2 41 14	8°38'15	15°23	23°D15	13°20	19° 5	21° 5	29°17	13°30	22°57	6♏15	19♏41	19° 7	21°20	28°47	W 2
T 3	2 45 11	9°38'23	29°40	23♏15	14°36	19°47	21°18	29°24	13°34	22°59	6°15	19°34	19° 4	21°26	28°52	T 3
F 4	2 49 7	10°38'33	13♏27	23°26	15°51	20°29	21°31	29°30	13°37	23° 2	6°14	19°29	19° 0	21°33	28°57	F 4
S 5	2 53 4	11°38'45	26°44	23°48	17° 6	21°12	21°43	29°36	13°41	23° 4	6°14	19°27	18°57	21°40	29° 2	S 5
S 6	2 57 1	12°38'59	9♏34	24°19	18°21	21°54	21°56	29°42	13°44	23° 6	6°13	19°26	18°54	21°46	29° 7	S 6
M 7	3 0 57	13°39'15	22° 2	24°58	19°37	22°37	22° 9	29°48	13°48	23° 8	6°13	19°26	18°51	21°53	29°12	M 7
T 8	3 4 54	14°39'33	4♏13	25°46	20°52	23°20	22°21	29°55	13°51	23°11	6°13	19°26	18°48	22° 0	29°17	T 8
W 9	3 8 50	15°39'53	16°12	26°40	22° 7	24° 2	22°34	0♏ 0	13°55	23°13	6°12	19°23	18°45	22° 7	29°22	W 9
T 10	3 12 47	16°40'14	28° 4	27°41	23°22	24°45	22°46	0° 6	13°58	23°15	6°12	19°18	18°41	22°13	29°27	T 10
F 11	3 16 43	17°40'38	9♏53	28°46	24°38	25°28	22°58	0°12	14° 1	23°17	6°12	19°11	18°38	22°20	29°32	F 11
S 12	3 20 40	18°41'04	21°43	29°57	25°53	26°11	23°11	0°18	14° 5	23°19	6°12	19° 0	18°35	22°27	29°37	S 12
S 13	3 24 36	19°41'31	3♏36	1♏11	27° 8	26°54	23°23	0°24	14° 8	23°22	6°11	18°47	18°32	22°33	29°43	S 13
M14	3 28 33	20°42'00	15°33	2°29	28°23	27°37	23°36	0°30	14°11	23°24	6°11	18°32	18°29	22°40	29°48	M14
T 15	3 32 29	21°42'31	27°37	3°49	29°39	28°20	23°48	0°35	14°14	23°26	6°11	18°17	18°25	22°47	29°53	T 15
W16	3 36 26	22°43'03	9♏48	5°12	0♏54	29° 3	24° 0	0°41	14°17	23°29	6°11	18° 3	18°22	22°53	29°59	W16
T 17	3 40 23	23°43'37	22° 7	6°37	2° 9	29°46	24°12	0°46	14°21	23°31	6°11	17°51	18°19	23° 0	0♏ 4	T 17
F 18	3 44 19	24°44'13	4♏34	8° 3	3°24	0♏29	24°24	0°52	14°24	23°33	6°11	17°42	18°16	23° 7	0°10	F 18
S 19	3 48 16	25°44'49	17°12	9°31	4°40	1°13	24°36	0°57	14°27	23°35	6°11	17°36	18°13	23°14	0°15	S 19
S 20	3 52 12	26°45'27	0♏ 3	11° 0	5°55	1°56	24°48	1° 2	14°30	23°38	6°11	17°33	18°10	23°20	0°21	S 20
M21	3 56 9	27°46'06	13° 9	12°30	7°10	2°39	25° 0	1° 7	14°33	23°40	6°D11	17°D32	18° 6	23°27	0°26	M21
T 22	4 0 5	28°46'46	26°33	14° 1	8°26	3°23	25°12	1°13	14°36	23°42	6°11	17°R32	18° 3	23°34	0°32	T 22
W23	4 4 2	29°47'27	10♏17	15°33	9°41	4° 6	25°24	1°18	14°39	23°44	6°11	17°31	18° 0	23°40	0°38	W23
T 24	4 7 59	0♏48'09	24°23	17° 5	10°56	4°50	25°36	1°23	14°42	23°47	6°11	17°30	17°57	23°47	0°43	T 24
F 25	4 11 55	1°48'52	8♏51	18°37	12°11	5°33	25°48	1°27	14°45	23°49	6°11	17°25	17°54	23°54	0°49	F 25
S 26	4 15 52	2°49'36	23°38	20°10	13°27	6°17	25°59	1°32	14°48	23°51	6°11	17°18	17°51	24° 1	0°55	S 26
S 27	4 19 48	3°50'22	8♏37	21°43	14°42	7° 1	26°11	1°37	14°50	23°53	6°11	17° 9	17°47	24° 7	1° 1	S 27
M28	4 23 45	4°51'08	23°40	23°16	15°57	7°44	26°22	1°42	14°53	23°55	6°11	16°58	17°44	24°14	1° 7	M28
T 29	4 27 41	5°51'56	8♏37	24°49	17°12	8°28	26°34	1°46	14°56	23°58	6°12	16°47	17°41	24°21	1°12	T 29
W30	4 31 38	6♏52'45	23♏19	26♏22	18♏28	9♏12	26♏45	1♏51	14♏59	24♏ 0	6♏12	16♏37	17♏38	24♏27	1♏18	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
T 1	14s 4	25n 7	4n56	7s49	1n23	14s52	0n39	17s27	0s 9	7s 8	1n 6	2n13	2n 4	4s43	0n39	16s54	1n41	21s39	13s26	14s53	15s 6	12s30	17s26	6n 1	
W 2	14 24	27 10	4 32	7 33	1 36	15 17	0 37	17 40	0 9	7 13	1 6	2 11	2 4	4 45	0 39	16 54	1 41	21 39	13 25	14 56	15 7	12 33	17 27	6 1	
T 3	14 43	27 19	3 51	7 23	1 47	15 41	0 35	17 52	0 10	7 17	1 6	2 8	2 4	4 46	0 39	16 55	1 41	21 39	13 25	14 58	15 8	12 36	17 27	6 1	
F 4	15 2	25 44	2 58	7 19	1 56	16 5	0 32	18 4	0 10	7 22	1 6	2 6	2 5	4 47	0 39	16 55	1 41	21 39	13 25	15 0	15 9	12 39	17 27	6 1	
S 5	15 21	22 45	1 57	7 20	2 3	16 29	0 30	18 15	0 11	7 27	1 7	2 4	2 5	4 49	0 39	16 56	1 41	21 39	13 25	15 0	15 10	12 41	17 28	6 0	
S 6	15 39	18 43	0 52	7 26	2 9	16 52	0 28	18 27	0 12	7 31	1 7	2 2	2 5	4 50	0 39	16 56	1 41	21 39	13 24	15 1	15 11	12 44	17 28	6 0	
M 7	15 57	13 58	0s14	7 37	2 13	17 15	0 26	18 39	0 12	7 36	1 7	1 59	2 5	4 51	0 39	16 57	1 41	21 38	13 24	15 1	15 11	12 47	17 28	6 0	
T 8	16 15	8 47	1 17	7 52	2 16	17 37	0 23	18 50	0 13	7 41	1 7	1 57	2 5	4 53	0 39	16 58	1 41	21 38	13 24	15 1	15 12	12 50	17 28	5 59	
W 9	16 33	3 22	2 16	8 10	2 17	17 59	0 21	19 1	0 13	7 45	1 7	1 55	2 5	4 54	0 39	16 58	1 41	21 38	13 23	15 1	15 13	12 53	17 29	5 59	
T 10	16 50	2s 7	3 9	8 31	2 18	18 20	0 19	19 12	0 14	7 50	1 7	1 53	2 6	4 55	0 39	16 59	1 41	21 38	13 23	15 3	15 14	12 56	17 29	5 59	
F 11	17 7	7 29	3 53	8 55	2 17	18 41	0 16	19 23	0 15	7 54	1 7	1 50	2 6	4 56	0 39	16 59	1 41	21 38	13 23	15 5	15 15	12 59	17 29	5 59	
S 12	17 24	12 35	4 27	9 21	2 15	19 1	0 14	19 34	0 15	7 59	1 7	1 48	2 6	4 58	0 39	17 0	1 41	21 38	13 23	15 9	15 16	13 2	17 30	5 58	
S 13	17 41	17 15	4 49	9 49	2 13	19 21	0 12	19 45	0 16	8 4	1 7	1 46	2 6	4 59	0 39	17 0	1 41	21 38	13 22	15 13	15 17	13 5	17 30	5 58	
M14	17 57	21 16	4 59	10 19	2 10	19 41	0 9	19 55	0 16	8 8	1 7	1 44	2 6	5 0	0 39	17 1	1 41	21 37	13 22	15 17	15 18	13 8	17 30	5 58	
T 15	18 13	24 26	4 55	10 50	2 6	19 59	0 7	20 5	0 17	8 12	1 7	1 42	2 7	5 1	0 39	17 2	1 41	21 37	13 22	15 22	15 19	13 10	17 30	5 58	
W16	18 28	26 32	4 38	11 22	2 2	20 17	0 4	20 15	0 18	8 17	1 7	1 40	2 7	5 3	0 39	17 2	1 41	21 37	13 21	15 26	15 20	13 13	17 31	5 57	
T 17	18 44	27 22	4 8	11 54	1 57	20 35	0 2	20 25	0 18	8 21	1 7	1 38	2 7	5 4	0 39	17 3	1 41	21 37	13 21	15 30	15 21	13 16	17 31	5 57	
F 18	18 58	26 49	3 26	12 27	1 52	20 52	0s 1	20 35	0 19	8 26	1 7	1 36	2 7	5 5	0 39	17 3	1 41	21 36	13 21	15 33	15 22	13 19	17 31	5 57	
S 19	19 13	24 53	2 33	13 0	1 46	21 9	0 3	20 45	0 19	8 30	1 7	1 34	2 7	5 6	0 39	17 4	1 41	21 36	13 21	15 35	15 23	13 22	17 31	5 57	
S 20	19 27	21 39	1 31	13 34	1 40	21 24	0 5	20 54	0 20	8 34	1 7	1 32	2 8	5 7	0 39	17 4	1 41	21 36	13 20	15 36	15 24	13 25	17 31	5 57	
M21	19 41	17 16	0 23	14 7	1 34	21 40	0 8	21 3	0 21	8 39	1 7	1 30	2 8	5 9	0 39	17 5	1 41	21 36	13 20	15 36	15 25	13 28	17 31	5 56	
T 22	19 55	11 56	0n48	14 40	1 28	21 54	0 10	21 12	0 21	8 43	1 8	1 29	2 8	5 10	0 39	17 5	1 41	21 35	13 20	15 36	15 26	13 30	17 32	5 56	
W23	20 8	5 55	1 57	15 13	1 21	22 8	0 13	21 21	0 22	8 47	1 8	1 27	2 8	5 11	0 39	17 6	1 41	21 35	13 19	15 36	15 27	13 33	17 32	5 56	
T 24	20 21	0n33	3 2	15 46	1 14	22 21	0 15	21 29	0 22	8 51	1 8	1 25	2 9	5 12	0 39	17 7	1 41	21 35	13 19	15 37	15 28	13 36	17 32	5 56	
F 25	20 33	7 8	3 56	16 18	1 8	22 34	0 18	21 38	0 23	8 56	1 8	1 23	2 9	5 13	0 39	17 7	1 41	21 35	13 19	15 38	15 29	13 39	17 32	5 56	
S 26	20 45	13 27	4 36	16 50	1 1	22 46	0 20	21 46	0 23	9 0	1 8	1 22	2 9	5 14	0 39	17 8	1 41	21 34	13 19	15 40	15 30	13 42	17 32	5 56	
S 27	20 57	19 5	4 58	17 21	0 54	22 57	0 22	21 54	0 24	9 4	1 8	1 20	2 9	5 15	0 39	17 8	1 41	21 34	13 18	15 43	15 31	13 45	17 32	5 55	
M28	21 8	23 32	4 59	17 51	0 47	23 8	0 25	22 2	0 25	9 8	1 8	1 18	2 9	5 16	0 39	17 9	1 41	21 34	13 18	15 46	15 32	13 47	17 32	5 55	
T 29	21 19	26 22	4 40	18 21	0 40	23 18	0 27	22 9	0 25	9 12	1 8	1 17	2 10	5 17	0 39	17 9	1 41	21 33	13 18	15 49	15 33	13 50	17 32	5 55	
W30	21s29	27n20	4n 2	18s50	0n32	23s27	0s29	22s17	0s26	9s16	1n 8	1n15	2n10	5s18	0n39	17s10	1n41	21s33	13s17	15s52	15s34	13s53	17s33	5n55	

ASTRODIENST EPHEMERIS for the year 1803
geocentric

DECEMBER 1803

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	4 35 34	7♌53°35	7♋38	27♊56	19♏43	9♌56	26♎57	1♎55	15♏1	24♊2	6♏12	16°R29	17♎35	24♎34	1♌24	T 1
F 2	4 39 31	8°54'26	21°29	29°29	20°58	10°40	27°8	2°0	15°4	24°4	6°12	16°R24	17°31	24°41	1°30	F 2
S 3	4 43 28	9°55'19	4♌52	1♏3	22°13	11°24	27°19	2°4	15°6	24°7	6°13	16°21	17°28	24°48	1°36	S 3
S 4	4 47 24	10°56'13	17°48	2°37	23°29	12°8	27°30	2°8	15°9	24°9	6°13	16°D21	17°25	24°54	1°42	S 4
M 5	4 51 21	11°57'08	0♏21	4°10	24°44	12°52	27°41	2°12	15°11	24°11	6°13	16°21	17°22	25°1	1°48	M 5
T 6	4 55 17	12°58'04	12°35	5°44	25°59	13°36	27°52	2°16	15°14	24°13	6°14	16°R22	17°19	25°8	1°54	T 6
W 7	4 59 14	13°59'02	24°36	7°18	27°14	14°20	28°3	2°20	15°16	24°15	6°14	16°21	17°16	25°14	2°0	W 7
T 8	5 3 10	15°0'01	6♎29	8°51	28°30	15°4	28°14	2°24	15°19	24°17	6°15	16°18	17°12	25°21	2°6	T 8
F 9	5 7 7	16°1'01	18°18	10°25	29°45	15°49	28°25	2°28	15°21	24°19	6°15	16°13	17°9	25°28	2°12	F 9
S 10	5 11 3	17°2'02	0♊10	11°59	1♌0	16°33	28°35	2°31	15°23	24°22	6°15	16°6	17°6	25°35	2°19	S 10
S 11	5 15 0	18°3'04	12°6	13°33	2°15	17°18	28°46	2°35	15°25	24°24	6°16	15°56	17°3	25°41	2°25	S 11
M 12	5 18 57	19°4'07	24°9	15°7	3°31	18°2	28°56	2°38	15°28	24°26	6°16	15°45	17°0	25°48	2°31	M 12
T 13	5 22 53	20°5'11	6♏23	16°41	4°46	18°46	29°7	2°42	15°30	24°28	6°17	15°34	16°57	25°55	2°37	T 13
W 14	5 26 50	21°6'16	18°46	18°15	6°1	19°31	29°17	2°45	15°32	24°30	6°18	15°23	16°53	26°1	2°43	W 14
T 15	5 30 46	22°7'21	1♌21	19°49	7°16	20°16	29°27	2°48	15°34	24°32	6°18	15°14	16°50	26°8	2°49	T 15
F 16	5 34 43	23°8'27	14°7	21°24	8°31	21°0	29°37	2°51	15°36	24°34	6°19	15°7	16°47	26°15	2°56	F 16
S 17	5 38 39	24°9'34	27°3	22°58	9°47	21°45	29°47	2°54	15°38	24°36	6°19	15°3	16°44	26°22	3°2	S 17
S 18	5 42 36	25°10'41	10♎11	24°33	11°2	22°30	29°57	2°57	15°40	24°38	6°20	15°D1	16°41	26°28	3°8	S 18
M 19	5 46 32	26°11'48	23°30	26°8	12°17	23°15	0♊7	3°0	15°42	24°40	6°21	15°2	16°37	26°35	3°14	M 19
T 20	5 50 29	27°12'56	7♏2	27°43	13°32	23°59	0°17	3°2	15°43	24°42	6°22	15°3	16°34	26°42	3°20	T 20
W 21	5 54 26	28°14'03	20°47	29°18	14°47	24°44	0°26	3°5	15°45	24°44	6°22	15°4	16°31	26°48	3°27	W 21
T 22	5 58 22	29°15'11	4♏46	0♌54	16°3	25°29	0°36	3°7	15°47	24°46	6°23	15°R4	16°28	26°55	3°33	T 22
F 23	6 2 19	0♌16'19	18°59	2°30	17°18	26°14	0°45	3°10	15°49	24°48	6°24	15°2	16°25	27°2	3°39	F 23
S 24	6 6 15	1°17'27	3♌23	4°6	18°33	26°59	0°54	3°12	15°50	24°50	6°25	14°59	16°22	27°9	3°45	S 24
S 25	6 10 12	2°18'34	17°56	5°42	19°48	27°44	1°4	3°14	15°52	24°52	6°25	14°53	16°18	27°15	3°52	S 25
M 26	6 14 8	3°19'43	2♊32	7°18	21°3	28°29	1°13	3°16	15°53	24°54	6°26	14°47	16°15	27°22	3°58	M 26
T 27	6 18 5	4°20'51	17°3	8°55	22°18	29°15	1°21	3°18	15°55	24°56	6°27	14°40	16°12	27°29	4°4	T 27
W 28	6 22 2	5°21'59	1♌25	10°32	23°33	29°59	1°30	3°20	15°56	24°57	6°28	14°34	16°9	27°35	4°10	W 28
T 29	6 25 58	6°23'07	15°30	12°9	24°48	0♌45	1°39	3°22	15°57	24°59	6°29	14°29	16°6	27°42	4°17	T 29
F 30	6 29 55	7°24'16	29°13	13°47	26°4	1°30	1°48	3°24	15°59	25°1	6°30	14°26	16°3	27°49	4°23	F 30
S 31	6 33 51	8♌25'25	12♌34	15♌24	27♌19	2♌16	1♊56	3♎25	16♎0	25♊3	6♏31	14°D25	15♎59	27♎56	4♌29	S 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
T 1	21s39	26n25	3n10	19s19	0n25	23s36	0s32	22s24	0s26	9s20	1n 8	1n13	2n10	5s19	0n39	17s10	1n41	21s33	13s17	15s55	15s35	13s56	17s33	5n55	
F 2	21 49	23 51	2 8	19 46	0 18	23 44	0 34	22 31	0 27	9 24	1 8	1 12	2 10	5 20	0 39	17 11	1 41	21 32	13 17	15 56	15 36	13 59	17 33	5 55	
S 3	21 58	20 3	1 1	20 12	0 11	23 51	0 36	22 38	0 28	9 28	1 9	1 11	2 11	5 21	0 39	17 11	1 41	21 32	13 17	15 57	15 37	14 2	17 33	5 55	
S 4	22 7	15 23	0s 8	20 38	0 4	23 57	0 39	22 44	0 28	9 32	1 9	1 9	2 11	5 22	0 39	17 12	1 41	21 31	13 16	15 57	15 38	14 4	17 33	5 55	
M 5	22 15	10 13	1 14	21 3	0s 3	24 3	0 41	22 50	0 29	9 36	1 9	1 8	2 11	5 23	0 39	17 12	1 41	21 31	13 16	15 57	15 39	14 7	17 33	5 55	
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S 31	23s12	17n13	0n10	24s40	2s 6	22s 9	1s27	24s10	0s43	11s 2	1n12	0n45	2n18	5s41	0n40	17s24	1n42	21s18	13s 9	16s31	16s 4	15s19	17s29	5n55	