



Astrodienst Ephemeris Tables for the year 1808

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 1808
geocentric

JANUARY 1808

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 37 55	9♂28'26	15♂16	18♂47	22♂43	4♂22	14♂18	19♂18	4♂20	3♂32	11♂31	29♂R54	28♂M34	10♂Y59	2♂45	F 1
S 2	6 41 52	10°29'37	27°49	20° 7	23°47	5° 9	14°31	19°23	4°22	3°34	11°32	29♂M47	28°31	11° 6	2°50	S 2
S 3	6 45 48	11°30'48	10♂ 6	21°28	24°50	5°57	14°44	19°28	4°24	3°36	11°33	29°41	28°28	11°12	2°55	S 3
M 4	6 49 45	12°31'58	22°10	22°50	25°54	6°44	14°57	19°34	4°26	3°38	11°33	29°37	28°25	11°19	3° 0	M 4
T 5	6 53 42	13°33'09	4♂ 5	24°12	26°59	7°31	15°11	19°39	4°28	3°40	11°34	29°35	28°22	11°26	3° 4	T 5
W 6	6 57 38	14°34'19	15°55	25°36	28° 3	8°18	15°24	19°44	4°30	3°42	11°35	29°D34	28°18	11°33	3° 9	W 6
T 7	7 1 35	15°35'28	27°46	27° 1	29° 8	9° 6	15°37	19°49	4°32	3°44	11°36	29°35	28°15	11°39	3°14	T 7
F 8	7 5 31	16°36'37	9♂42	28°26	0♂13	9°53	15°51	19°54	4°34	3°45	11°37	29°36	28°12	11°46	3°19	F 8
S 9	7 9 28	17°37'46	21°50	29°52	1°18	10°40	16° 4	19°59	4°35	3°47	11°38	29°38	28° 9	11°53	3°23	S 9
S 10	7 13 24	18°38'54	4♂13	1♂19	2°24	11°28	16°18	20° 4	4°37	3°49	11°39	29°R38	28° 6	11°59	3°28	S 10
M 11	7 17 21	19°40'01	16°56	2°47	3°30	12°15	16°31	20° 9	4°39	3°51	11°41	29°36	28° 3	12° 6	3°33	M 11
T 12	7 21 17	20°41'08	29°59	4°15	4°36	13° 3	16°45	20°13	4°40	3°52	11°42	29°32	27°59	12°13	3°38	T 12
W 13	7 25 14	21°42'15	13♂25	5°44	5°42	13°50	16°59	20°18	4°42	3°54	11°43	29°26	27°56	12°19	3°43	W 13
T 14	7 29 11	22°43'21	27°10	7°13	6°49	14°37	17°12	20°22	4°43	3°56	11°44	29°18	27°53	12°26	3°48	T 14
F 15	7 33 7	23°44'27	11♂13	8°43	7°56	15°25	17°26	20°27	4°45	3°57	11°45	29° 9	27°50	12°33	3°52	F 15
S 16	7 37 4	24°45'32	25°27	10°14	9° 3	16°12	17°40	20°31	4°46	3°59	11°46	28°59	27°47	12°39	3°57	S 16
S 17	7 41 0	25°46'36	9♂48	11°45	10°10	17° 0	17°54	20°36	4°47	4° 0	11°47	28°51	27°43	12°46	4° 2	S 17
M 18	7 44 57	26°47'40	24°10	13°17	11°18	17°47	18° 8	20°40	4°48	4° 2	11°48	28°44	27°40	12°53	4° 7	M 18
T 19	7 48 53	27°48'44	8♂28	14°49	12°25	18°34	18°22	20°44	4°50	4° 3	11°50	28°40	27°37	12°59	4°12	T 19
W 20	7 52 50	28°49'48	22°40	16°22	13°33	19°22	18°36	20°48	4°51	4° 5	11°51	28°39	27°34	13° 6	4°17	W 20
T 21	7 56 46	29°50'51	6♂43	17°56	14°41	20° 9	18°50	20°52	4°52	4° 6	11°52	28°D39	27°31	13°13	4°22	T 21
F 22	8 0 43	0♂51'54	20°38	19°30	15°49	20°57	19° 4	20°56	4°53	4° 8	11°53	28°39	27°28	13°19	4°27	F 22
S 23	8 4 40	1°52'56	4♂23	21° 4	16°57	21°44	19°18	21° 0	4°54	4° 9	11°55	28°R39	27°24	13°26	4°32	S 23
S 24	8 8 36	2°53'58	18° 0	22°40	18° 6	22°31	19°32	21° 4	4°55	4°11	11°56	28°38	27°21	13°33	4°37	S 24
M 25	8 12 33	3°54'59	1♂27	24°16	19°14	23°19	19°46	21° 7	4°56	4°12	11°57	28°33	27°18	13°40	4°42	M 25
T 26	8 16 29	4°55'59	14°44	25°52	20°23	24° 6	20° 0	21°11	4°57	4°13	11°59	28°26	27°15	13°46	4°47	T 26
W 27	8 20 26	5°56'59	27°50	27°29	21°32	24°54	20°14	21°14	4°57	4°15	12° 0	28°16	27°12	13°53	4°51	W 27
T 28	8 24 22	6°57'58	10♂43	29° 7	22°41	25°41	20°28	21°18	4°58	4°16	12° 1	28° 4	27° 9	14° 0	4°56	T 28
F 29	8 28 19	7°58'55	23°23	0♂46	23°50	26°29	20°43	21°21	4°59	4°17	12° 3	27°51	27° 5	14° 6	5° 1	F 29
S 30	8 32 15	8°59'52	5♂49	2°25	25° 0	27°16	20°57	21°24	4°59	4°18	12° 4	27°38	27° 2	14°13	5° 6	S 30
S 31	8 36 12	10♂ 0'47	18♂ 1	4♂ 5	26♂ 9	28♂ 3	21♂11	21♂27	5♂ 0	4♂20	12♂ 5	27♂26	26♂59	14♂Y20	5♂11	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	23s 7	11s30	5n 0	22s 2	0n57	15s21	3n13	20s19	1s 9	17s17	0s46	15s29	2n10	12s30	0n30	19s18
S 2	23 3	7 24	5 10	22 17	0 49	15 37	3 13	20 7	1 9	17 14	0 46	15 30	2 10	12 31	0 30	19 19
S 3	22 58	3 5	5 5	22 31	0 41	15 53	3 12	19 55	1 9	17 10	0 46	15 32	2 10	12 32	0 30	19 19
M 4	22 52	1n16	4 46	22 44	0 33	16 8	3 12	19 43	1 9	17 6	0 46	15 33	2 10	12 32	0 30	19 19
T 5	22 46	5 32	4 16	22 56	0 24	16 24	3 11	19 31	1 9	17 2	0 46	15 34	2 11	12 33	0 30	19 20
W 6	22 40	9 34	3 34	23 7	0 16	16 39	3 10	19 18	1 9	16 58	0 46	15 35	2 11	12 34	0 30	19 20
T 7	22 33	13 14	2 44	23 17	0 9	16 54	3 10	19 6	1 8	16 54	0 46	15 36	2 11	12 34	0 30	19 20
F 8	22 26	16 24	1 46	23 26	0 1	17 9	3 8	18 53	1 8	16 50	0 46	15 38	2 11	12 35	0 30	19 20
S 9	22 18	18 55	0 42	23 35	0s 7	17 23	3 7	18 40	1 8	16 46	0 46	15 39	2 11	12 35	0 30	19 21
S 10	22 10	20 36	0s25	23 42	0 14	17 37	3 6	18 27	1 8	16 42	0 46	15 40	2 11	12 36	0 30	19 21
M 11	22 1	21 18	1 32	23 47	0 21	17 51	3 5	18 13	1 8	16 38	0 46	15 41	2 11	12 36	0 30	19 21
T 12	21 52	20 52	2 36	23 52	0 29	18 5	3 3	18 0	1 7	16 34	0 46	15 42	2 12	12 37	0 30	19 22
W 13	21 43	19 15	3 33	23 56	0 35	18 18	3 1	17 46	1 7	16 30	0 46	15 43	2 12	12 37	0 30	19 22
T 14	21 33	16 30	4 19	23 58	0 42	18 31	3 0	17 32	1 7	16 26	0 46	15 44	2 12	12 38	0 30	19 22
F 15	21 22	12 46	4 51	23 59	0 49	18 44	2 58	17 18	1 7	16 21	0 46	15 45	2 12	12 38	0 30	19 22
S 16	21 12	8 16	5 5	23 59	0 55	18 56	2 56	17 3	1 6	16 17	0 46	15 46	2 12	12 39	0 30	19 23
S 17	21 1	3 16	5 0	23 57	1 1	19 8	2 54	16 49	1 6	16 13	0 46	15 47	2 12	12 39	0 30	19 23
M 18	20 49	1s54	4 36	23 55	1 7	19 20	2 51	16 34	1 6	16 9	0 46	15 48	2 13	12 40	0 30	19 23
T 19	20 37	6 58	3 55	23 51	1 13	19 31	2 49	16 19	1 6	16 4	0 46	15 49	2 13	12 40	0 30	19 23
W 20	20 25	11 36	3 0	23 45	1 18	19 41	2 47	16 4	1 5	16 0	0 46	15 50	2 13	12 40	0 30	19 24
T 21	20 12	15 34	1 54	23 38	1 23	19 52	2 44	15 49	1 5	15 56	0 46	15 51	2 13	12 41	0 30	19 24
F 22	19 59	18 37	0 43	23 30	1 28	20 2	2 42	15 33	1 5	15 51	0 46	15 52	2 13	12 41	0 31	19 24
S 23	19 46	20 32	0n31	23 20	1 33	20 11	2 39	15 18	1 5	15 47	0 46	15 53	2 13	12 41	0 31	19 24
S 24	19 32	21 14	1 41	23 9	1 37	20 20	2 36	15 2	1 4	15 43	0 46	15 53	2 14	12 42	0 31	19 25
M 25	19 18	20 42	2 45	22 57	1 41	20 28	2 34	14 46	1 4	15 38	0 46	15 54	2 14	12 42	0 31	19 25
T 26	19 3	19 1	3 39	22 43	1 45	20 36	2 31	14 30	1 4	15 34	0 46	15 55	2 14	12 42	0 31	19 25
W 27	18 48	16 21	4 21	22 28	1 49	20 44	2 28	14 14	1 3	15 29	0 47	15 56	2 14	12 42	0 31	19 25
T 28	18 33	12 56	4 48	22 11	1 52	20 51	2 25	13 57	1 3	15 25	0 47	15 56	2 14	12 43	0 31	19 25
F 29	18 17	9 0	5 1	21 52	1 55	20 57	2 22	13 41	1 3	15 20	0 47	15 57	2 15	12 43	0 31	19 26
S 30	18 1	4 46	4 59	21 33	1 57	21 3	2 19	13 24	1 2	15 16	0 47	15 58	2 15	12 43	0 31	19 26
S 31	17s45	0s24	4n43	21s11	1s59	21s 9	2n16	13s 8	1s 2	15s11	0s47	15s58	2n15	12s43	0n31	19s26

Julian Day Number = 2381417.5, Delta T = 15.37 sec
Ecliptic obliquity = 23°27'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°03'34, Lahiri = 21°10'34

ASTRODIENST EPHEMERIS for the year 1808

FEBRUARY 1808

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 40 9	11≈ 1'41	0Υ 3	5≈45	27≈19	28≈51	21≈25	21♂30	5♂ 0	4≈21	12♂ 7	27°R17	26♂56	14Υ26	5≈16	M 1	
T 2	8 44 5	12° 2'34	11°56	7°27	28°28	29°38	21°40	21°33	5° 1	4°22	12° 8	27♂10	26°53	14°33	5°21	T 2	
W 3	8 48 2	13° 3'25	23°45	9° 9	29°38	0♂26	21°54	21°36	5° 1	4°23	12°10	27° 6	26°49	14°40	5°26	W 3	
T 4	8 51 58	14° 4'15	5♂34	10°52	0♂48	1°13	22° 8	21°39	5° 1	4°24	12°11	27° 4	26°46	14°46	5°31	T 4	
F 5	8 55 55	15° 5'04	17°28	12°35	1°58	2° 0	22°23	21°41	5° 2	4°25	12°13	27°D 4	26°43	14°53	5°36	F 5	
S 6	8 59 51	16° 5'51	29°34	14°20	3° 8	2°48	22°37	21°44	5° 2	4°26	12°14	27°R 4	26°40	15° 0	5°40	S 6	
S 7	9 3 48	17° 6'36	11Ⅱ56	16° 5	4°18	3°35	22°51	21°46	5° 2	4°27	12°15	27° 4	26°37	15° 6	5°45	S 7	
M 8	9 7 44	18° 7'20	24°39	17°51	5°28	4°22	23° 6	21°49	5° 2	4°28	12°17	27° 1	26°34	15°13	5°50	M 8	
T 9	9 11 41	19° 8'03	7♂48	19°38	6°39	5°10	23°20	21°51	5°R 2	4°29	12°18	26°56	26°30	15°20	5°55	T 9	
W10	9 15 38	20° 8'44	21°23	21°25	7°49	5°57	23°35	21°53	5° 2	4°30	12°20	26°48	26°27	15°26	6° 0	W10	
T 11	9 19 34	21° 9'23	5♂25	23°13	9° 0	6°44	23°49	21°55	5° 2	4°31	12°21	26°37	26°24	15°33	6° 5	T 11	
F 12	9 23 31	22°10'01	19°49	25° 2	10°10	7°31	24° 3	21°57	5° 2	4°32	12°23	26°25	26°21	15°40	6° 9	F 12	
S 13	9 27 27	23°10'37	4♂30	26°52	11°21	8°19	24°18	21°59	5° 2	4°32	12°24	26°13	26°18	15°46	6°14	S 13	
S 14	9 31 24	24°11'12	19°19	28°42	12°32	9° 6	24°32	22° 1	5° 1	4°33	12°26	26° 2	26°15	15°53	6°19	S 14	
M15	9 35 20	25°11'45	4♂ 8	0♂32	13°42	9°53	24°47	22° 2	5° 1	4°34	12°27	25°53	26°11	16° 0	6°24	M15	
T 16	9 39 17	26°12'18	18°49	2°24	14°53	10°40	25° 1	22° 4	5° 1	4°34	12°29	25°47	26° 8	16° 6	6°28	T 16	
W17	9 43 13	27°12'49	3♂16	4°15	16° 4	11°27	25°15	22° 5	5° 0	4°35	12°31	25°44	26° 5	16°13	6°33	W17	
T 18	9 47 10	28°13'18	17°27	6° 7	17°16	12°15	25°30	22° 7	5° 0	4°36	12°32	25°43	26° 2	16°20	6°38	T 18	
F 19	9 51 7	29°13'47	1≈20	7°59	18°27	13° 2	25°44	22° 8	4°59	4°36	12°34	25°43	25°59	16°27	6°42	F 19	
S 20	9 55 3	0♂14'14	14°57	9°50	19°38	13°49	25°59	22° 9	4°59	4°37	12°35	25°43	25°55	16°33	6°47	S 20	
S 21	9 59 0	1°14'40	28°18	11°42	20°49	14°36	26°13	22°10	4°58	4°37	12°37	25°40	25°52	16°40	6°51	S 21	
M22	10 2 56	2°15'04	11♂26	13°32	22° 1	15°23	26°27	22°11	4°57	4°38	12°38	25°36	25°49	16°47	6°56	M22	
T 23	10 6 53	3°15'27	24°22	15°22	23°12	16°10	26°42	22°12	4°57	4°38	12°40	25°28	25°46	16°53	7° 1	T 23	
W24	10 10 49	4°15'49	7≈ 6	17°11	24°24	16°57	26°56	22°13	4°56	4°39	12°42	25°17	25°43	17° 0	7° 5	W24	
T 25	10 14 46	5°16'08	19°40	18°58	25°35	17°44	27°10	22°13	4°55	4°39	12°43	25° 4	25°40	17° 7	7°10	T 25	
F 26	10 18 42	6°16'26	2♂ 4	20°43	26°47	18°31	27°25	22°14	4°54	4°39	12°45	24°50	25°36	17°13	7°14	F 26	
S 27	10 22 39	7°16'43	14°18	22°25	27°58	19°18	27°39	22°14	4°53	4°40	12°46	24°36	25°33	17°20	7°18	S 27	
S 28	10 26 36	8°16'57	26°23	24° 4	29°10	20° 5	27°53	22°15	4°52	4°40	12°48	24°24	25°30	17°27	7°23	S 28	
M29	10 30 32	9♂17'10	8Υ19	25♂40	0≈22	20♂52	28≈ 8	22♂15	4♂51	4≈40	12♂50	24♂13	25♂27	17Υ33	7≈27	M29	

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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Julian Day Number = 2381448.5. Delta T = 15.35 sec

Ecliptic obliquity = $23^{\circ}27'46''$, Nutation = $0^{\circ}00'16''$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°03'38. Lahiri = 21°10'39

ASTRODIENST EPHEMERIS for the year 1808

geocentric

MARCH 1808

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 29	10 ^h 17'20	20 ^h 10'	27 ^h 12'	1 ^h 33'	21 ^h 39'	28 ^h 22'	22 ^h 15'	4 ^h R50	4 ^h 41'	12 ^h 51'	24 ^h R 5	25 ^h 11'	17 ^h 40'	7 ^h 32'	T 1
W 2	10 38 25	11 ^h 17'29	1 ^h 57'	28 ^h 39'	2 ^h 45'	22 ^h 25'	28 ^h 36'	22 ^h R15	4 ^h 49'	4 ^h 41'	12 ^h 53'	24 ^h 11'	25 ^h 20'	17 ^h 47'	7 ^h 36'	W 2
T 3	10 42 22	12 ^h 17'36	13 ^h 45'	0 ^h 0'	3 ^h 57'	23 ^h 12'	28 ^h 51'	22 ^h 15'	4 ^h 48'	4 ^h 41'	12 ^h 54'	23 ^h 58'	25 ^h 17'	17 ^h 53'	7 ^h 40'	T 3
F 4	10 46 18	13 ^h 17'40	25 ^h 38'	1 ^h 16'	5 ^h 9'	23 ^h 59'	29 ^h 5'	22 ^h 15'	4 ^h 47'	4 ^h 41'	12 ^h 56'	23 ^h D58	25 ^h 14'	18 ^h 0'	7 ^h 44'	F 4
S 5	10 50 15	14 ^h 17'43	7 ^h 11'41	2 ^h 25'	6 ^h 21'	24 ^h 46'	29 ^h 19'	22 ^h 15'	4 ^h 45'	4 ^h 41'	12 ^h 58'	23 ^h 58'	25 ^h 11'	18 ^h 7'	7 ^h 49'	S 5
S 6	10 54 11	15 ^h 17'43	19 ^h 59'	3 ^h 28'	7 ^h 33'	25 ^h 32'	29 ^h 33'	22 ^h 14'	4 ^h 44'	4 ^h 41'	12 ^h 59'	23 ^h R58	25 ^h 8'	18 ^h 13'	7 ^h 53'	S 6
M 7	10 58 8	16 ^h 17'41	2 ^h 39'	4 ^h 23'	8 ^h 45'	26 ^h 19'	29 ^h 47'	22 ^h 14'	4 ^h 43'	4 ^h R41	13 ^h 1'	23 ^h 57'	25 ^h 5'	18 ^h 20'	7 ^h 57'	M 7
T 8	11 2 5	17 ^h 17'37	15 ^h 44'	5 ^h 10'	9 ^h 57'	27 ^h 6'	0 ^h 11'	22 ^h 13'	4 ^h 41'	4 ^h 41'	13 ^h 2'	23 ^h 53'	25 ^h 1'	18 ^h 27'	8 ^h 1'	T 8
W 9	11 6 1	18 ^h 17'31	29 ^h 18'	5 ^h 50'	11 ^h 9'	27 ^h 52'	0 ^h 15'	22 ^h 12'	4 ^h 40'	4 ^h 41'	13 ^h 4'	23 ^h 48'	24 ^h 58'	18 ^h 33'	8 ^h 5'	W 9
T 10	11 9 58	19 ^h 17'22	13 ^h 12'	6 ^h 20'	12 ^h 21'	28 ^h 39'	0 ^h 29'	22 ^h 12'	4 ^h 38'	4 ^h 41'	13 ^h 6'	23 ^h 39'	24 ^h 55'	18 ^h 40'	8 ^h 9'	T 10
F 11	11 13 54	20 ^h 17'12	27 ^h 52'	6 ^h 43'	13 ^h 33'	29 ^h 25'	0 ^h 43'	22 ^h 11'	4 ^h 37'	4 ^h 41'	13 ^h 7'	23 ^h 30'	24 ^h 52'	18 ^h 47'	8 ^h 13'	F 11
S 12	11 17 51	21 ^h 16'59	12 ^h 14'	6 ^h 56'	14 ^h 46'	0 ^h 12'	0 ^h 57'	22 ^h 10'	4 ^h 35'	4 ^h 41'	13 ^h 9'	23 ^h 20'	24 ^h 49'	18 ^h 53'	8 ^h 17'	S 12
S 13	11 21 47	22 ^h 16'44	27 ^h 52'	7 ^h R 1	15 ^h 58'	0 ^h 58'	1 ^h 11'	22 ^h 9'	4 ^h 34'	4 ^h 40'	13 ^h 10'	23 ^h 11'	24 ^h 46'	19 ^h 0'	8 ^h 21'	S 13
M14	11 25 44	23 ^h 16'27	13 ^h 12'	6 ^h 58'	17 ^h 10'	1 ^h 45'	1 ^h 25'	22 ^h 7'	4 ^h 32'	4 ^h 40'	13 ^h 12'	23 ^h 4'	24 ^h 42'	19 ^h 7'	8 ^h 25'	M14
T 15	11 29 40	24 ^h 16'08	28 ^h 5'	6 ^h 46'	18 ^h 22'	2 ^h 31'	1 ^h 39'	22 ^h 6'	4 ^h 30'	4 ^h 40'	13 ^h 13'	22 ^h 59'	24 ^h 39'	19 ^h 13'	8 ^h 28'	T 15
W16	11 33 37	25 ^h 15'48	12 ^h 11'	6 ^h 27'	19 ^h 35'	3 ^h 17'	1 ^h 53'	22 ^h 5'	4 ^h 28'	4 ^h 40'	13 ^h 15'	22 ^h 57'	24 ^h 36'	19 ^h 20'	8 ^h 32'	W16
T 17	11 37 33	26 ^h 15'26	27 ^h 21'	6 ^h 0'	20 ^h 47'	4 ^h 3'	2 ^h 7'	22 ^h 3'	4 ^h 27'	4 ^h 39'	13 ^h 17'	22 ^h D56	24 ^h 33'	19 ^h 27'	8 ^h 36'	T 17
F 18	11 41 30	27 ^h 15'02	11 ^h 12'	5 ^h 27'	21 ^h 59'	4 ^h 50'	2 ^h 21'	22 ^h 2'	4 ^h 25'	4 ^h 39'	13 ^h 18'	22 ^h 57'	24 ^h 30'	19 ^h 33'	8 ^h 39'	F 18
S 19	11 45 27	28 ^h 14'36	25 ^h 7'	4 ^h 48'	23 ^h 12'	5 ^h 36'	2 ^h 34'	22 ^h 0'	4 ^h 23'	4 ^h 39'	13 ^h 20'	22 ^h R58	24 ^h 26'	19 ^h 40'	8 ^h 43'	S 19
S 20	11 49 23	29 ^h 14'09	8 ^h 26'	4 ^h 4'	24 ^h 24'	6 ^h 22'	2 ^h 48'	21 ^h 58'	4 ^h 21'	4 ^h 38'	13 ^h 21'	22 ^h 57'	24 ^h 23'	19 ^h 47'	8 ^h 47'	S 20
M21	11 53 20	0 ^h 13'40	21 ^h 27'	3 ^h 17'	25 ^h 37'	7 ^h 8'	3 ^h 2'	21 ^h 56'	4 ^h 19'	4 ^h 38'	13 ^h 23'	22 ^h 55'	24 ^h 20'	19 ^h 53'	8 ^h 50'	M21
T 22	11 57 16	1 ^h 13'09	4 ^h 11'	2 ^h 26'	26 ^h 49'	7 ^h 54'	3 ^h 15'	21 ^h 54'	4 ^h 17'	4 ^h 37'	13 ^h 24'	22 ^h 51'	24 ^h 17'	20 ^h 0'	8 ^h 54'	T 22
W23	12 1 13	2 ^h 12'36	16 ^h 41'	1 ^h 34'	28 ^h 2'	8 ^h 40'	3 ^h 29'	21 ^h 52'	4 ^h 15'	4 ^h 37'	13 ^h 26'	22 ^h 44'	24 ^h 14'	20 ^h 7'	8 ^h 57'	W23
T 24	12 5 9	3 ^h 12'01	29 ^h 0'	0 ^h 42'	29 ^h 14'	9 ^h 26'	3 ^h 42'	21 ^h 50'	4 ^h 13'	4 ^h 36'	13 ^h 27'	22 ^h 35'	24 ^h 11'	20 ^h 13'	9 ^h 0'	T 24
F 25	12 9 6	4 ^h 11'25	11 ^h 10'	29 ^h 10'	0 ^h 27'	10 ^h 12'	3 ^h 56'	21 ^h 48'	4 ^h 11'	4 ^h 36'	13 ^h 29'	22 ^h 26'	24 ^h 7'	20 ^h 20'	9 ^h 4'	F 25
S 26	12 13 2	5 ^h 10'46	23 ^h 12'	28 ^h 59'	1 ^h 39'	10 ^h 58'	4 ^h 9'	21 ^h 46'	4 ^h 9'	4 ^h 35'	13 ^h 30'	22 ^h 17'	24 ^h 4'	20 ^h 27'	9 ^h 7'	S 26
S 27	12 16 59	6 ^h 10'06	5 ^h 11'	28 ^h 11'	2 ^h 52'	11 ^h 44'	4 ^h 22'	21 ^h 43'	4 ^h 7'	4 ^h 34'	13 ^h 32'	22 ^h 8'	24 ^h 1'	20 ^h 33'	9 ^h 10'	S 27
M28	12 20 56	7 ^h 9'23	16 ^h 59'	27 ^h 26'	4 ^h 5'	12 ^h 30'	4 ^h 36'	21 ^h 41'	4 ^h 5'	4 ^h 34'	13 ^h 33'	22 ^h 1'	23 ^h 58'	20 ^h 40'	9 ^h 13'	M28
T 29	12 24 52	8 ^h 8'38	28 ^h 47'	26 ^h 45'	5 ^h 17'	13 ^h 16'	4 ^h 49'	21 ^h 38'	4 ^h 3'	4 ^h 33'	13 ^h 35'	21 ^h 56'	23 ^h 55'	20 ^h 47'	9 ^h 17'	T 29
W30	12 28 49	9 ^h 7'51	10 ^h 35'	26 ^h 8'	6 ^h 30'	14 ^h 2'	5 ^h 2'	21 ^h 36'	4 ^h 0'	4 ^h 32'	13 ^h 36'	21 ^h 54'	23 ^h 51'	20 ^h 53'	9 ^h 20'	W30
T 31	12 32 45	10 ^h 17'02	22 ^h 24'	25 ^h 37'	7 ^h 43'	14 ^h 47'	5 ^h 15'	21 ^h 33'	3 ^h 58'	4 ^h 32'	13 ^h 38'	21 ^h D53	23 ^h 48'	21 ^h 10'	9 ^h 23'	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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T 1	7s43	10n30	2n49	0s27	0n44	19s23	0n27	4s 4	0s49	12s49	0s49	16s 5	2n21	12s39	0n31	19s28	1n39	19s32	13s54	18s49	19s 8	9n51	12s 3	6n34									
W 2	7 20	13 57	1 54	0n20	0 57	19 11	0 24	3 45	0 49	12 44	0 49	16 5	2 21	12 39	0 31	19 28	1 39	19 31	13 54	18 48	19 7	9 53	12 2	6 34									
T 3	6 57	16 50	0 54	1 5	1 11	18 58	0 20	3 26	0 48	12 39	0 49	16 4	2 21	12 39	0 31	19 28	1 39	19 31	13 54	18 47	19 6	9 55	12 1	6 34									
F 4	6 34	19 3	0s 9	1 48	1 25	18 44	0 16	3 7	0 48	12 34	0 49	16 4	2 22	12 38	0 31	19 28	1 39	19 30	13 54	18 47	19 6	9 57	12 0	6 34									
S 5	6 11	20 25	1 12	2 29	1 39	18 30	0 13	2 48	0 47	12 29	0 49	16 4	2 22	12 38	0 31	19 28	1 39	19 29	13 54	18 47	19 5	9 59	11 58	6 35									
S 6	5 48	20 51	2 14	3 6	1 53	18 15	0 9	2 29	0 47	12 25	0 49	16 4	2 22	12 37	0 31	19 28	1 39	19 29	13 54	18 47	19 4	10 1	11 57	6 35									
M 7	5 25	20 15	3 11	3 40	2 6	18 0	0 6	2 10	0 46	12 20	0 49	16 3	2 22	12 37	0 31	19 28	1 39	19 28	13 54	18 47	19 3	10 3	11 56	6 35									
T 8	5 1	18 34	4 0	4 11	2 19	17 44	0 2	1 51	0 46	12 15	0 50	16 3	2 22	12 36	0 31	19 28	1 39	19 28	13 54	18 46	19 2	10 5	11 54	6 35									
W 9	4 38	15 48	4 37	4 38	2 32	17 28	0s 1	1 32	0 45	12 10	0 50	16 2	2 23	12 36	0 31	19 28	1 39	19 27	13 54	18 44	19 2	10 6	11 53	6 36									
T 10	4 15	12 3	4 59	5 1	2 43	17 11	0 4	1 13	0 45	12 5	0 50	16 2	2 23	12 35	0 31	19 28	1 39	19 27	13 54	18 42	19 1	10 8	11 52	6 36									
F 11	3 51	7 29	5 3	5 20	2 54	16 54	0 8	0 54	0 44	12 0	0 50	16 2	2 23	12 35	0 31	19 28	1 40	19 26	13 54	18 40	19 0	10 10	11 51	6 36									
S 12	3 28	2 22	4 47	5 34	3 4	16 36	0 11	0 35	0 43	11 55	0 50	16 1	2 23	12 34	0 31	19 28	1 40	19 25	13 55	18 38	18 59	10 12	11 49	6 37									
S 13	3 4	2s59	4 11	5 44	3 13	16 18	0 14	0 16	0 43	11 51	0 50	16 1	2 23	12 34	0 31	19 28	1 40	19 25	13 55	18 35	18 59	10 14	11 48	6 37									
M14	2 40	8 10	3 16	5 49	3 20	15 59	0 18	0n 3	0 42	11 46	0 50	16 0	2 23	12 33	0 31	19 28	1 40	19 24	13 55	18 33	18 58	10 16	11 47	6 37									
T 15	2 17	12 49	2 9	5 50	3 25	15 40	0 21	0 22	0 42	11 41	0 50	16 0	2 24	12 32	0 31	19 27	1 40	19 24	13 55	18 32	18 57	10 18	11 46	6 37									
W16	1 53	16 34	0 54	5 46	3 30	15 20	0 24	0 41	0 41	11 36	0 50	15 59	2 24	12 32	0 31	19 27	1 40	19 23	13 55	18 32	18 56	10 20	11 44	6 38									
T 17	1 29	19 12	0n24	5 38	3 32	15 0	0 27	0 59	0 41	11 31	0 51	15 59	2 24	12 31	0 31	19 27	1 40	19 23	13 55	18 31	18 56	10 21	11 43	6 38									
F 18	1 6	20 34	1 38	5 25	3 33	14 40	0 30	1 18	0 40	11 26	0 51	15 58	2 24	12 31	0 32	19 27	1 40	19 22	13 55	18 32	18 55	10 23	11 42	6 38									
S 19	0 42	20 39	2 44	5 9	3 31	14 19	0 33	1 37	0 40	11 21	0 51	15 58	2 24	12 30	0 32	19 27	1 40	19 22	13 55	18 32	18 54	10 25	11 41	6 39									
S 20	0 18	19 33	3 39	4 48	3 28	13 58	0 36	1 56	0 39	11 17	0 51	15 57	2 25	12 29	0 32	19 27	1 40	19 21	13 55	18 32	18 53	10 27	11 39	6 39									
M21	0n 5	17 26	4 22	4 25	3 23	13 36	0 39	2 15	0 38	11 12	0 51	15 56	2 25	12 29	0 32	19 27	1 40	19 21	13 55	18 31	18 52	10 29	11 38	6 39									
T 22	0 29	14 31	4 51	3 59	3 17	13 14	0 42	2 34	0 38	11 7	0 51	15 56	2 25	12 28	0 32	19 27	1 40	19 20	13 56	18 30	18 52	10 31	11 37	6 40									
W23	0 53	11 0	5 5	3 30	3 8	12 52	0 44	2 52	0 37	11 2	0 51	15 55	2 25	12 27	0 32	19 27	1 40	19 20	13 56	18 28	18 51	10 33	11 36	6 40									
T 24	1 16	7 4	5 5	3 0	2 58	12 29	0 47	3 11	0 37	10 57	0 51	15 54	2 25	12 27	0 32	19 26	1 40	19 19	13 56	18 26	18 50	10 35	11 35	6 40									
F 25	1 40	2 54	4 51	2 29	2 47	12 6	0 50	3 29	0 36	10 53	0 52	15 54	2 25	12 26	0 32	19 26	1 40	19 19	13 56	18 24	18 49	10 36	11 33	6 41									
S 26	2 4	1n20	4 24	1 57	2 34	11 43	0 52	3 48	0 36	10 48	0 52	15 53	2 26	12 25	0 32	19 26	1 40	19 18	13 56	18 21	18 48	10 38	11 32	6 41									
S 27	2 27	5 29	3 46	1 25	2 20	11 19	0 55	4 7	0 35	10 43	0 52	15 52	2 26	12 24	0 32	19 26	1 40	19 18	13 56	18 19	18 48	10 40	11 31	6 41									
M28	2 51	9 25	2 58	0 54	2 6	10 55	0 57	4 25	0 34	10 38	0 52	15 51	2 26	12 24	0 32	19 26	1 40	19 17	13 56	18 17	18 47	10 42	11 30	6 42									
T 29	3 14	12 57	2 2	0 24	1 51	10 30	1 0	4 43	0 34	10 34	0 52	15 50	2 26	12 23	0 32	19 26	1 40	19 17	13 57	18 16	18 46	10 44	11 29	6 42									
W30	3 37	15 59	1 1	0s 5	1 35	10 6	1 2	5 2	0 33	10 29	0 52	15 50	2 26	12 22	0 32	19 25	1 40	19 17	13 57	18 16	18 45	10 46	11 28	6 43									
T 31	4n 1	18n21	0s 3	0s32	1n19	9s41	1s 4	5n20	0s33	10s24	0s52	15s49	2n26	12s21	0n32	19s25	1n40	19s16	13s57	18s15	18s45	10n47	11s27	6n43									

ASTRODIENST EPHEMERIS for the year 1808

geocentric

MAY 1808

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	14 34 58	10♈24'46	8♌ 4	16♊ 1	15♊21	8♌ 1	11♋26	19°R37	2°R41	3°R56	14♈17	21♌21	22♌10	24♊27	10♈26	S 1
M 2	14 38 55	11°22'55	20°46	17°29	16°34	8°45	11°36	19♌32	2♌39	3♈55	14°18	21°22	22° 7	24°33	10°27	M 2
T 3	14 42 51	12°21'01	3♌24	18°58	17°47	9°29	11°47	19°28	2°36	3°53	14°19	21°22	22° 3	24°40	10°28	T 3
W 4	14 46 48	13°19'06	17° 8	20°29	19° 0	10°13	11°57	19°23	2°34	3°52	14°20	21°R23	22° 0	24°47	10°28	W 4
T 5	14 50 45	14°17'09	0♎54	22° 3	20°13	10°57	12° 7	19°19	2°31	3°50	14°20	21°22	21°57	24°53	10°29	T 5
F 6	14 54 41	15°15'10	15° 4	23°38	21°26	11°41	12°17	19°14	2°29	3°49	14°21	21°22	21°54	25° 0	10°30	F 6
S 7	14 58 38	16°13'09	29°37	25°15	22°39	12°25	12°27	19°10	2°26	3°47	14°22	21°21	21°51	25° 7	10°31	S 7
S 8	15 2 34	17°11'06	14♌28	26°55	23°52	13° 9	12°37	19° 5	2°24	3°46	14°23	21°21	21°48	25°13	10°31	S 8
M 9	15 6 31	18° 9'01	29°32	28°36	25° 5	13°53	12°47	19° 1	2°22	3°44	14°24	21°20	21°44	25°20	10°32	M 9
T 10	15 10 27	19° 6'55	14♌39	0♌19	26°18	14°36	12°56	18°56	2°19	3°43	14°25	21°D20	21°41	25°27	10°32	T 10
W11	15 14 24	20° 4'47	29°40	2° 5	27°31	15°20	13° 6	18°52	2°17	3°41	14°26	21°20	21°38	25°33	10°32	W11
T 12	15 18 20	21° 2'38	14♌28	3°52	28°44	16° 4	13°15	18°47	2°14	3°39	14°26	21°R20	21°35	25°40	10°33	T 12
F 13	15 22 17	22° 0'27	28°56	5°42	29°57	16°47	13°25	18°43	2°12	3°38	14°27	21°20	21°32	25°47	10°33	F 13
S 14	15 26 14	22°58'15	12♌58	7°33	1♌10	17°31	13°34	18°38	2°10	3°36	14°28	21°20	21°29	25°53	10°33	S 14
S 15	15 30 10	23°56'02	26°34	9°26	2°23	18°14	13°43	18°34	2° 7	3°35	14°29	21°20	21°25	26° 0	10°33	S 15
M16	15 34 7	24°53'48	9♌44	11°22	3°36	18°57	13°52	18°29	2° 5	3°33	14°29	21°20	21°22	26° 7	10°R33	M16
T 17	15 38 3	25°51'32	22°30	13°19	4°50	19°41	14° 1	18°25	2° 3	3°32	14°30	21°D20	21°19	26°13	10°33	T 17
W18	15 42 0	26°49'16	4♈56	15°18	6° 3	20°24	14° 9	18°21	2° 1	3°30	14°31	21°20	21°16	26°20	10°33	W18
T 19	15 45 56	27°46'58	17° 6	17°19	7°16	21° 7	14°18	18°16	1°58	3°28	14°31	21°20	21°13	26°27	10°33	T 19
F 20	15 49 53	28°44'39	29° 4	19°22	8°29	21°51	14°26	18°12	1°56	3°27	14°32	21°21	21° 9	26°33	10°33	F 20
S 21	15 53 49	29°42'20	10♊55	21°26	9°42	22°34	14°34	18° 7	1°54	3°25	14°33	21°21	21° 6	26°40	10°32	S 21
S 22	15 57 46	0♈39'59	22°43	23°32	10°55	23°17	14°42	18° 3	1°52	3°23	14°33	21°22	21° 3	26°46	10°32	S 22
M23	16 1 43	1°37'37	4♌31	25°40	12° 8	24° 0	14°50	17°59	1°50	3°22	14°34	21°23	21° 0	26°53	10°32	M23
T 24	16 5 39	2°35'14	16°22	27°49	13°21	24°43	14°58	17°54	1°48	3°20	14°34	21°R24	20°57	27° 0	10°31	T 24
W25	16 9 36	3°32'50	28°20	29°59	14°34	25°26	15° 6	17°50	1°46	3°19	14°35	21°23	20°54	27° 6	10°30	W25
T 26	16 13 32	4°30'24	10♈26	2♈10	15°48	26° 9	15°13	17°46	1°44	3°17	14°35	21°23	20°50	27°13	10°30	T 26
F 27	16 17 29	5°27'58	22°41	4°21	17° 1	26°52	15°21	17°42	1°42	3°15	14°36	21°21	20°47	27°20	10°29	F 27
S 28	16 21 25	6°25'30	5♌ 9	6°33	18°14	27°34	15°28	17°38	1°40	3°14	14°36	21°20	20°44	27°26	10°28	S 28
S 29	16 25 22	7°23'02	17°49	8°45	19°27	28°17	15°35	17°33	1°38	3°12	14°36	21°17	20°41	27°33	10°27	S 29
M30	16 29 18	8°20'32	0♌43	10°57	20°40	29° 0	15°42	17°29	1°36	3°10	14°37	21°15	20°38	27°40	10°27	M30
T 31	16 33 15	9♈18'00	13♌52	13♈ 8	21♈53	29♈42	15♈49	17♌25	1♌34	3♈ 9	14♈37	21♌13	20♌34	27♊46	10♈26	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	decl	lat
S 1	14n57	19n22	3s51	3n41	2s50	4n33	1s38	13n59	0s13	8s11	0s58	15s16	2n29	11s55	0n31	19s18	1n41	19s 8	14s 4	18s 7	18s20	11n43	10s57	6n56			
M 2	15 16	17 21	4 34	4 16	2 48	5 1	1 38	14 14	0 13	8 7	0 58	15 15	2 29	11 55	0 31	19 17	1 41	19 8	14 5	18 7	18 19	11 44	10 56	6 57			
T 3	15 33	14 25	5 3	4 52	2 46	5 29	1 38	14 29	0 12	8 3	0 58	15 14	2 29	11 54	0 31	19 17	1 42	19 8	14 5	18 7	18 18	11 46	10 56	6 57			
W 4	15 51	10 41	5 17	5 29	2 43	5 57	1 38	14 43	0 11	7 59	0 58	15 12	2 29	11 53	0 31	19 17	1 42	19 7	14 5	18 7	18 17	11 48	10 55	6 58			
T 5	16 8	6 17	5 13	6 8	2 40	6 24	1 37	14 57	0 11	7 56	0 59	15 11	2 29	11 52	0 31	19 17	1 42	19 7	14 6	18 7	18 16	11 50	10 54	6 58			
F 6	16 26	1 25	4 51	6 46	2 36	6 52	1 37	15 12	0 10	7 52	0 59	15 10	2 29	11 51	0 31	19 16	1 42	19 7	14 6	18 7	18 16	11 51	10 54	6 59			
S 7	16 42	3s40	4 10	7 26	2 31	7 20	1 37	15 26	0 9	7 48	0 59	15 9	2 29	11 50	0 31	19 16	1 42	19 7	14 6	18 7	18 15	11 53	10 53	6 59			
S 8	16 59	8 39	3 11	8 7	2 26	7 47	1 36	15 40	0 9	7 45	0 59	15 8	2 29	11 50	0 31	19 16	1 42	19 7	14 6	18 7	18 14	11 55	10 53	7 0			
M 9	17 15	13 10	1 58	8 48	2 20	8 14	1 35	15 53	0 8	7 41	1 0	15 6	2 29	11 49	0 31	19 15	1 42	19 7	14 7	18 7	18 13	11 57	10 52	7 0			
T 10	17 31	16 50	0 37	9 30	2 14	8 41	1 35	16 7	0 8	7 38	1 0	15 5	2 29	11 48	0 31	19 15	1 42	19 7	14 7	18 7	18 12	11 58	10 51	7 1			
W11	17 47	19 21	0n46	10 13	2 7	9 8	1 34	16 20	0 7	7 34	1 0	15 4	2 29	11 47	0 31	19 15	1 42	19 7	14 7	18 7	18 11	12 0	10 51	7 1			
T 12	18 2	20 29	2 5	10 56	2 0	9 35	1 33	16 34	0 6	7 31	1 0	15 3	2 29	11 46	0 31	19 14	1 42	19 7	14 8	18 7	18 11	12 2	10 50	7 2			
F 13	18 17	20 13	3 14	11 40	1 53	10 1	1 32	16 47	0 6	7 27	1 0	15 2	2 29	11 46	0 31	19 14	1 42	19 7	14 8	18 7	18 10	12 3	10 50	7 2			
S 14	18 32	18 41	4 9	12 24	1 45	10 28	1 32	17 0	0 5	7 24	1 1	15 1	2 28	11 45	0 31	19 14	1 42	19 7	14 8	18 7	18 9	12 5	10 49	7 3			
S 15	18 46	16 8	4 49	13 8	1 36	10 54	1 31	17 12	0 4	7 21	1 1	14 59	2 28	11 44	0 31	19 14	1 42	19 7	14 9	18 7	18 8	12 7	10 49	7 3			
M16	19 1	12 49	5 11	13 52	1 27	11 20	1 29	17 25	0 4	7 18	1 1	14 58	2 28	11 43	0 31	19 13	1 42	19 7	14 9	18 7	18 7	12 8	10 48	7 4			
T 17	19 14	9 1	5 18	14 36	1 18	11 45	1 28	17 37	0 3	7 15	1 1	14 57	2 28	11 42	0 31	19 13	1 42	19 7	14 9	18 7	18 6	12 10	10 48	7 4			
W18	19 28	4 55	5 9	15 21	1 9	12 11	1 27	17 50	0 2	7 11	1 2	14 56	2 28	11 42	0 31	19 13	1 42	19 7	14 10	18 7	18 6	12 12	10 48	7 4			
T 19	19 41	0 42	4 46	16 5	0 59	12 36	1 26	18 2	0 2	7 8	1 2	14 55	2 28	11 41	0 31	19 12	1 42	19 7	14 10	18 7	18 5	12 13	10 47	7 5			
F 20	19 54	3n29	4 12	16 48	0 49	13 0	1 25	18 14	0 1	7 5	1 2	14 54	2 28	11 40	0 31	19 12	1 42	19 7	14 11	18 7	18 4	12 15	10 47	7 5			
S 21	20 6	7 29	3 26	17 31	0 38	13 25	1 23	18 25	0 0	7 2	1 2	14 53	2 28	11 39	0 31	19 12	1 42	19 7	14 11	18 7	18 3	12 17	10 46	7 6			
S 22	20 19	11 12	2 33	18 14	0 28	13 49	1 22	18 37	0n 0	6 59	1 3	14 51	2 28	11 39	0 31	19 11	1 42	19 8	14 11	18 7	18 2	12 19	10 46	7 6			
M23	20 30	14 29	1 32	18 55	0 17	14 13	1 21	18 48	0 1	6 57	1 3	14 50	2 28	11 38	0 31	19 11	1 42	19 8	14 12	18 8	18 1	12 20	10 46	7 7			
T 24	20 42	17 12	0 28	19 35	0 7	14 36	1 19	18 59	0 1	6 54	1 3	14 49	2 28	11 37	0 31	19 11	1 42	19 8	14 12	18 8	18 1	12 22	10 45	7 7			
W25	20 53	19 11	0s38	20 14	0n 4	14 59	1 18	19 10	0 2	6 51	1 3	14 48	2 28	11 37	0 31	19 10	1 42	19 8	14 12	18 8	18 0	12 24	10 45	7 8			
T 26	21 4	20 19	1 44	20 51	0 15	15 22	1 16	19 21	0 3	6 48	1 4	14 47	2 27	11 36	0 31	19 10	1 42	19 8	14 13	18 7	17 59	12 25	10 45	7 8			
F 27	21 14	20 31	2 45	21 27	0 25	15 45	1 14	19 32	0 3	6 46	1 4	14 46	2 27	11 35	0 31	19 10	1 42	19 8	14 13	18 7	17 58	12 27	10 45	7 9			
S 28	21 24	19 43	3 39	22 0	0 35	16 7	1 13	19 42	0 4	6 43	1 4	14 45	2 27	11 35	0 31	19 10	1 42	19 8	14 13	18 7	17 57	12 28	10 44	7 9			
S 29	21 34	17 55	4 24	22 31	0 45	16 28	1 11	19 52	0 5	6 41	1 4	14 44	2 27	11 34	0 31	19 9	1 42	19 9	14 14	18 6	17 56	12 30	10 44	7 9			
M30	21 43	15 12	4 56	23 0	0 54	16 50	1 9	20 2	0 5	6 38	1 5	14 43	2 27	11 33	0 31	19 9	1 42	19 9	14 14	18 5	17 56	12 32	10 44	7 10			
T 31	21n52	11n41	5s13	23n27	1n 3	17n10	1s 7	20n12	0n 6	6s36	1s 5	14s42	2n27	11s33	0n31	19s 9	1n42	19s 9	14s14	18s 5	17s55	12n33	10s44	7n10			

ASTRODIENST EPHEMERIS for the year 1808
geocentric

JUNE 1808

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	16 37 12	10 ^{II} 15'28	27 ^Ω 18	15 ^{II} 19	23 [♊] 7	0 ^{II} 25	15 [♋] 56	17°R21	1°R32	3°R 7	14 [♌] 38	21°R12	20 [♍] 31	27 [♎] 53	10°R25	W 1
T 2	16 41 8	11°12'54	11 [♐] 1	17°29	24°20	1° 7	16° 2	17 [♎] 17	1 [♏] 30	3 [♐] 6	14°38	21°D11	20°28	28° 0	10 [♑] 23	T 2
F 3	16 45 5	12°10'19	25° 1	19°38	25°33	1°50	16° 8	17°14	1°29	3° 4	14°38	21 [♒] 12	20°25	28° 6	10°22	F 3
S 4	16 49 1	13° 7'42	9 [♊] 18	21°45	26°46	2°32	16°15	17°10	1°27	3° 2	14°38	21°13	20°22	28°13	10°21	S 4
S 5	16 52 58	14° 5'05	23°49	23°51	27°59	3°15	16°21	17° 6	1°25	3° 1	14°39	21°14	20°19	28°20	10°20	S 5
M 6	16 56 54	15° 2'26	8 [♋] 31	25°55	29°12	3°57	16°27	17° 2	1°24	2°59	14°39	21°15	20°15	28°26	10°18	M 6
T 7	17 0 51	15°59'47	23°18	27°56	0 ^{II} 26	4°39	16°32	16°59	1°22	2°58	14°39	21°R16	20°12	28°33	10°17	T 7
W 8	17 4 47	16°57'07	8 [♌] 3	29°56	1°39	5°21	16°38	16°55	1°21	2°56	14°39	21°15	20° 9	28°40	10°15	W 8
T 9	17 8 44	17°54'25	22°41	1 [♍] 54	2°52	6° 3	16°43	16°51	1°19	2°55	14°39	21°13	20° 6	28°46	10°14	T 9
F 10	17 12 41	18°51'44	7 [♎] 3	3°50	4° 5	6°46	16°48	16°48	1°18	2°53	14°39	21°10	20° 3	28°53	10°12	F 10
S 11	17 16 37	19°49'01	21° 6	5°43	5°19	7°28	16°53	16°45	1°16	2°51	14°40	21° 6	20° 0	29° 0	10°11	S 11
S 12	17 20 34	20°46'18	4 [♏] 44	7°34	6°32	8°10	16°58	16°41	1°15	2°50	14°40	21° 1	19°56	29° 6	10° 9	S 12
M13	17 24 30	21°43'35	17°57	9°23	7°45	8°51	17° 3	16°38	1°14	2°48	14°40	20°57	19°53	29°13	10° 7	M13
T 14	17 28 27	22°40'51	0 [♐] 47	11° 9	8°59	9°33	17° 7	16°35	1°12	2°47	14°40	20°54	19°50	29°20	10° 5	T 14
W15	17 32 23	23°38'06	13°16	12°53	10°12	10°15	17°12	16°32	1°11	2°45	14°R40	20°52	19°47	29°26	10° 3	W15
T 16	17 36 20	24°35'22	25°27	14°34	11°25	10°57	17°16	16°29	1°10	2°44	14°40	20°D52	19°44	29°33	10° 1	T 16
F 17	17 40 16	25°32'37	7 [♑] 25	16°13	12°39	11°39	17°20	16°26	1° 9	2°42	14°40	20°52	19°40	29°40	9°59	F 17
S 18	17 44 13	26°29'52	19°16	17°50	13°52	12°20	17°24	16°23	1° 8	2°41	14°40	20°54	19°37	29°46	9°57	S 18
S 19	17 48 10	27°27'07	1 [♒] 4	19°24	15° 5	13° 2	17°27	16°20	1° 7	2°40	14°40	20°55	19°34	29°53	9°55	S 19
M20	17 52 6	28°24'22	12°54	20°56	16°19	13°44	17°31	16°17	1° 6	2°38	14°39	20°57	19°31	29°59	9°53	M20
T 21	17 56 3	29°21'36	24°50	22°25	17°32	14°25	17°34	16°14	1° 5	2°37	14°39	20°R57	19°28	0 [♓] 6	9°51	T 21
W22	17 59 59	0 [♓] 18'50	6 [♒] 56	23°51	18°45	15° 7	17°37	16°12	1° 4	2°35	14°39	20°56	19°25	0°13	9°49	W22
T 23	18 3 56	1°16'05	19°13	25°15	19°59	15°48	17°40	16° 9	1° 3	2°34	14°39	20°53	19°21	0°19	9°46	T 23
F 24	18 7 52	2°13'19	1 [♓] 45	26°37	21°12	16°29	17°43	16° 7	1° 2	2°33	14°39	20°48	19°18	0°26	9°44	F 24
S 25	18 11 49	3°10'32	14°31	27°56	22°26	17°11	17°45	16° 4	1° 1	2°31	14°39	20°41	19°15	0°33	9°41	S 25
S 26	18 15 46	4° 7'46	27°32	29°12	23°39	17°52	17°48	16° 2	1° 0	2°30	14°38	20°34	19°12	0°39	9°39	S 26
M27	18 19 42	5° 4'59	10 [♑] 47	0 [♒] 25	24°53	18°33	17°50	16° 0	1° 0	2°29	14°38	20°27	19° 9	0°46	9°37	M27
T 28	18 23 39	6° 2'11	24°15	1°36	26° 6	19°14	17°52	15°58	0°59	2°27	14°38	20°20	19° 6	0°53	9°34	T 28
W29	18 27 35	6°59'24	7 [♒] 54	2°44	27°20	19°56	17°54	15°56	0°59	2°26	14°37	20°15	19° 2	0°59	9°31	W29
T 30	18 31 32	7 [♓] 56'36	21 [♑] 44	3 [♒] 49	28 [♒] 33	20 [♒] 37	17 [♓] 55	15 [♒] 54	0 [♒] 58	2 [♓] 25	14 [♓] 37	20 [♒] 12	18 [♒] 59	1 [♓] 6	9 [♓] 29	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	22n 1	7n30	5s14	23n51	1n12	17n31	1s 5	20n22	0n 7	6s33	1s 5	14s41	2n27	11s32	0n31	19s 8	1n42	19s 9	14s15	18s 5	17s54	12n35	10s44	7n11	
T 2	22 9	2 51	4 57	24 12	1 20	17 51	1 4	20 31	0 7	6 31	1 6	14 40	2 26	11 32	0 31	19 8	1 42	19 9	14 15	18 4	17 53	12 37	10 44	7 11	
F 3	22 16	2s 2	4 23	24 30	1 27	18 10	1 2	20 41	0 8	6 29	1 6	14 39	2 26	11 31	0 31	19 8	1 42	19 10	14 16	18 5	17 52	12 38	10 43	7 12	
S 4	22 24	6 55	3 31	24 46	1 34	18 29	1 0	20 50	0 8	6 27	1 6	14 38	2 26	11 30	0 31	19 7	1 42	19 10	14 16	18 5	17 51	12 40	10 43	7 12	
S 5	22 31	11 30	2 26	24 59	1 40	18 48	0 58	20 58	0 9	6 25	1 6	14 37	2 26	11 30	0 31	19 7	1 42	19 10	14 16	18 5	17 50	12 42	10 43	7 12	
M 6	22 37	15 27	1 10	25 9	1 45	19 6	0 55	21 7	0 10	6 23	1 7	14 36	2 26	11 29	0 31	19 7	1 42	19 10	14 17	18 5	17 50	12 43	10 43	7 13	
T 7	22 44	18 26	0n11	25 17	1 50	19 23	0 53	21 16	0 10	6 21	1 7	14 36	2 26	11 29	0 31	19 7	1 42	19 11	14 17	18 6	17 49	12 45	10 43	7 13	
W 8	22 49	20 10	1 31	25 22	1 54	19 40	0 51	21 24	0 11	6 19	1 7	14 35	2 26	11 28	0 31	19 6	1 42	19 11	14 17	18 5	17 48	12 46	10 43	7 14	
T 9	22 55	20 32	2 44	25 24	1 57	19 57	0 49	21 32	0 12	6 17	1 7	14 34	2 25	11 28	0 31	19 6	1 41	19 11	14 18	18 5	17 47	12 48	10 43	7 14	
F 10	23 0	19 31	3 46	25 24	1 59	20 13	0 47	21 40	0 12	6 15	1 8	14 33	2 25	11 27	0 31	19 6	1 41	19 11	14 18	18 4	17 46	12 50	10 43	7 14	
S 11	23 4	17 20	4 32	25 21	2 1	20 28	0 45	21 47	0 13	6 14	1 8	14 32	2 25	11 27	0 31	19 6	1 41	19 12	14 19	18 3	17 45	12 51	10 43	7 15	
S 12	23 8	14 14	5 1	25 16	2 2	20 43	0 42	21 55	0 14	6 12	1 8	14 32	2 25	11 26	0 31	19 5	1 41	19 12	14 19	18 2	17 45	12 53	10 43	7 15	
M13	23 12	10 30	5 13	25 9	2 2	20 58	0 40	22 2	0 14	6 10	1 9	14 31	2 25	11 26	0 31	19 5	1 41	19 12	14 19	18 1	17 44	12 54	10 44	7 16	
T 14	23 16	6 23	5 9	25 1	2 1	21 12	0 38	22 9	0 15	6 9	1 9	14 30	2 24	11 26	0 31	19 5	1 41	19 13	14 20	18 0	17 43	12 56	10 44	7 16	
W15	23 19	2 7	4 50	24 50	2 0	21 25	0 36	22 16	0 15	6 7	1 9	14 29	2 24	11 25	0 30	19 4	1 41	19 13	14 20	17 59	17 42	12 58	10 44	7 16	
T 16	23 21	2n 8	4 18	24 37	1 58	21 37	0 33	22 22	0 16	6 6	1 9	14 29	2 24	11 25	0 30	19 4	1 41	19 13	14 20	17 59	17 41	12 59	10 44	7 17	
F 17	23 23	6 15	3 36	24 23	1 55	21 49	0 31	22 29	0 17	6 5	1 10	14 28	2 24	11 24	0 30	19 4	1 41	19 14	14 21	17 59	17 40	13 1	10 44	7 17	
S 18	23 25	10 5	2 45	24 7	1 52	22 1	0 29	22 35	0 17	6 4	1 10	14 27	2 24	11 24	0 30	19 4	1 41	19 14	14 21	18 0	17 39	13 2	10 44	7 17	
S 19	23 26	13 31	1 46	23 50	1 48	22 12	0 26	22 41	0 18	6 2	1 10	14 27	2 23	11 24	0 30	19 3	1 41	19 14	14 21	18 0	17 39	13 4	10 45	7 18	
M20	23 27	16 25	0 44	23 32	1 43	22 22	0 24	22 47	0 19	6 1	1 11	14 26	2 23	11 23	0 30	19 3	1 41	19 15	14 22	18 1	17 38	13 6	10 45	7 18	
T 21	23 28	18 39	0s21	23 12	1 38	22 31	0 21	22 52	0 19	6 0	1 11	14 26	2 23	11 23	0 30	19 3	1 41	19 15	14 22	18 1	17 37	13 7	10 45	7 18	
W22	23 28	20 5	1 26	22 51	1 32	22 40	0 19	22 57	0 20	5 59	1 11	14 25	2 23	11 23	0 30	19 3	1 41	19 15	14 23	18 0	17 36	13 9	10 45	7 19	
T 23	23 27	20 34	2 28	22 30	1 25	22 48	0 17	23 3	0 20	5 58	1 12	14 25	2 23	11 23	0 30	19 2	1 41	19 16	14 23	17 59	17 35	13 10	10 46	7 19	
F 24	23 27	20 4	3 23	22 7	1 18	22 56	0 14	23 8	0 21	5 58	1 12	14 24	2 22	11 22	0 30	19 2	1 41	19 16	14 23	17 58	17 34	13 12	10 46	7 19	
S 25	23 25	18 32	4 10	21 44	1 10	23 3	0 12	23 12	0 22	5 57	1 12	14 24	2 22	11 22	0 30	19 2	1 41	19 17	14 24	17 56	17 33	13 13	10 46	7 20	
S 26	23 24	16 2	4 44	21 20	1 2	23 9	0 9	23 17	0 22	5 56	1 12	14 23	2 22	11 22	0 30	19 2	1 41	19 17	14 24	17 55	17 32	13 15	10 47	7 20	
M27	23 22	12 40	5 4	20 56	0 53	23 15	0 7	23 21	0 23	5 56	1 13	14 23	2 22	11 22	0 30	19 2	1 41	19 18	14 24	17 53	17 32	13 17	10 47	7 20	
T 28	23 19	8 36	5 8	20 31	0 43	23 20	0 4	23 25	0 24	5 55	1 13	14 22	2 21	11 22	0 30	19 1	1 41	19 18	14 25	17 51	17 31	13 18	10 47	7 21	
W29	23 17	4 4	4 54	20 6	0 33	23 20	0 4	23 29	0 24	5 55	1 13	14 22	2 21	11 21	0 30	19 1	1 41	19 18	14 25	17 50	17 30	13 20	10 48	7 21	
T 30	23n13	0s45	4s23	19n41	0m23	23n28	0n 0	23n32	0n25	5s55	1s14	14s22	2n21	11s21	0n30	19s 1	1n41	19s19	14s25	17s49	17s29	13n21	10s48	7n21	

ASTRODIENST EPHEMERIS for the year 1808
geocentric

JULY 1808

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	18 35 28	8♌53'47	5♊43	4♏51	29♊47	21♊18	17♋57	15♌R52	0♎R58	2♏R24	14♑R37	20♒D11	18♓56	1♈13	9♒R26	F 1
S 2	18 39 25	9°50'58	19°50	5°50	1♌0	21°59	17°58	15♓50	0♓57	2♓22	14♋36	20♓11	18°53	1°19	9♓23	S 2
S 3	18 43 21	10°48'09	4♓5	6°46	2°14	22°40	17°59	15°49	0°57	2°21	14°36	20°12	18°50	1°26	9°21	S 3
M 4	18 47 18	11°45'20	18°25	7°38	3°27	23°20	18°0	15°47	0°57	2°20	14°35	20°R13	18°46	1°33	9°18	M 4
T 5	18 51 15	12°42'31	2♋47	8°27	4°41	24°1	18°0	15°46	0°56	2°19	14°35	20°12	18°43	1°39	9°15	T 5
W 6	18 55 11	13°39'41	17°9	9°12	5°55	24°42	18°1	15°44	0°56	2°18	14°35	20°10	18°40	1°46	9°12	W 6
T 7	18 59 8	14°36'52	1♌24	9°54	7°8	25°23	18°1	15°43	0°56	2°17	14°34	20°5	18°37	1°53	9°9	T 7
F 8	19 3 4	15°34'03	15°30	10°32	8°22	26°3	18°R 1	15°42	0°56	2°16	14°34	19°58	18°34	1°59	9°6	F 8
S 9	19 7 1	16°31'14	29°19	11°6	9°35	26°44	18°1	15°41	0°D56	2°14	14°33	19°49	18°31	2°6	9°3	S 9
S 10	19 10 57	17°28'25	12♌50	11°36	10°49	27°25	18°1	15°40	0°56	2°13	14°32	19°39	18°27	2°13	9°0	S 10
M 11	19 14 54	18°25'36	25°59	12°1	12°3	28°5	18°0	15°39	0°56	2°12	14°32	19°30	18°24	2°19	8°57	M 11
T 12	19 18 50	19°22'48	8♋47	12°23	13°16	28°46	17°59	15°38	0°56	2°11	14°31	19°22	18°21	2°26	8°54	T 12
W 13	19 22 47	20°20'00	21°16	12°39	14°30	29°26	17°58	15°37	0°56	2°10	14°31	19°16	18°18	2°33	8°51	W 13
T 14	19 26 44	21°17'13	3♌27	12°52	15°44	0♌6	17°57	15°37	0°56	2°10	14°30	19°13	18°15	2°39	8°48	T 14
F 15	19 30 40	22°14'27	15°26	12°59	16°58	0°47	17°56	15°36	0°57	2°9	14°29	19°11	18°12	2°46	8°45	F 15
S 16	19 34 37	23°11'41	27°17	13°R 2	18°11	1°27	17°54	15°36	0°57	2°8	14°29	19°D11	18°8	2°52	8°42	S 16
S 17	19 38 33	24°8'56	9♌5	12°59	19°25	2°7	17°53	15°35	0°57	2°7	14°28	19°11	18°5	2°59	8°39	S 17
M 18	19 42 30	25°6'12	20°57	12°52	20°39	2°48	17°51	15°35	0°58	2°6	14°27	19°R12	18°2	3°6	8°35	M 18
T 19	19 46 26	26°3'29	21♊57	12°40	21°53	3°28	17°49	15°35	0°58	2°5	14°27	19°11	17°59	3°12	8°32	T 19
W 20	19 50 23	27°0'47	15°9	12°23	23°7	4°8	17°46	15°D35	0°59	2°4	14°26	19°8	17°56	3°19	8°29	W 20
T 21	19 54 19	27°58'05	27°37	12°2	24°20	4°48	17°44	15°35	0°59	2°4	14°25	19°2	17°52	3°26	8°26	T 21
F 22	19 58 16	28°55'24	10♌23	11°36	25°34	5°28	17°41	15°35	1°0	2°3	14°24	18°55	17°49	3°32	8°23	F 22
S 23	20 2 13	29°52'44	23°28	11°6	26°48	6°8	17°38	15°35	1°1	2°2	14°23	18°45	17°46	3°39	8°19	S 23
S 24	20 6 9	0♏50'04	6♏52	10°32	28°2	6°48	17°35	15°36	1°1	2°2	14°23	18°33	17°43	3°46	8°16	S 24
M 25	20 10 6	1°47'25	20°32	9°54	29°16	7°28	17°32	15°36	1°2	2°1	14°22	18°22	17°40	3°52	8°13	M 25
T 26	20 14 2	2°44'47	4♏24	9°14	0♏30	8°7	17°29	15°37	1°3	2°0	14°21	18°12	17°37	3°59	8°9	T 26
W 27	20 17 59	3°42'09	18°25	8°31	1°44	8°47	17°25	15°37	1°4	2°0	14°20	18°3	17°33	4°6	8°6	W 27
T 28	20 21 55	4°39'32	2♌32	7°47	2°58	9°27	17°21	15°38	1°5	1°59	14°19	17°58	17°30	4°12	8°3	T 28
F 29	20 25 52	5°36'55	16°41	7°3	4°12	10°7	17°17	15°39	1°6	1°59	14°18	17°55	17°27	4°19	7°59	F 29
S 30	20 29 48	6°34'19	0♓49	6°18	5°26	10°46	17°13	15°40	1°7	1°58	14°17	17°53	17°24	4°26	7°56	S 30
S 31	20 33 45	7♏31'44	14♓57	5♏34	6♏40	11♌26	17♋9	15♓41	1♓8	1♓58	14♋16	17♓53	17♓21	4♌32	7♓53	S 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	23n10	5s35	3s37	19n16	0n12	23n31	0n3	23n36	0n25	5s54	1s14	14s22	2n21	11s21
S 2	23 6	10 11	2 36	18 50	0 0	23 33	0 5	23 39	0 26	5 54	1 14	14 21	2 20	11 21
S 3	23 1	14 14	1 26	18 25	0s11	23 34	0 8	23 42	0 27	5 54	1 15	14 21	2 20	11 21
M 4	22 57	17 29	0 10	18 0	0 24	23 35	0 10	23 45	0 27	5 54	1 15	14 21	2 20	11 21
T 5	22 51	19 38	1n 7	17 35	0 36	23 35	0 12	23 47	0 28	5 54	1 15	14 21	2 20	11 21
W 6	22 46	20 31	2 20	17 11	0 49	23 35	0 15	23 50	0 28	5 54	1 15	14 20	2 19	11 21
T 7	22 40	20 5	3 23	16 47	1 3	23 33	0 17	23 52	0 29	5 54	1 16	14 20	2 19	11 21
F 8	22 33	18 23	4 12	16 24	1 16	23 31	0 20	23 54	0 30	5 55	1 16	14 20	2 19	11 21
S 9	22 26	15 39	4 46	16 1	1 30	23 29	0 22	23 56	0 30	5 55	1 16	14 20	2 19	11 21
S 10	22 19	12 8	5 3	15 39	1 44	23 25	0 24	23 57	0 31	5 55	1 17	14 20	2 18	11 21
M 11	22 12	8 6	5 3	15 19	1 58	23 21	0 26	23 58	0 31	5 56	1 17	14 20	2 18	11 21
T 12	22 4	3 50	4 48	14 59	2 13	23 16	0 29	23 59	0 32	5 56	1 17	14 20	2 18	11 21
W 13	21 55	0n30	4 19	14 40	2 27	23 11	0 31	24 0	0 33	5 57	1 18	14 20	2 18	11 21
T 14	21 47	4 44	3 39	14 23	2 41	23 5	0 33	24 1	0 33	5 58	1 18	14 20	2 17	11 21
F 15	21 37	8 42	2 50	14 8	2 56	22 58	0 35	24 1	0 34	5 59	1 18	14 20	2 17	11 21
S 16	21 28	12 18	1 54	13 53	3 10	22 51	0 37	24 2	0 34	5 59	1 19	14 20	2 17	11 21
S 17	21 18	15 23	0 54	13 41	3 23	22 42	0 40	24 2	0 35	6 0	1 19	14 21	2 17	11 21
M 18	21 8	17 52	0s 9	13 30	3 37	22 34	0 42	24 2	0 36	6 1	1 19	14 21	2 16	11 22
T 19	20 57	19 35	1 13	13 21	3 49	22 24	0 44	24 1	0 36	6 2	1 19	14 21	2 16	11 22
W 20	20 47	20 25	2 14	13 14	4 1	22 14	0 46	24 1	0 37	6 4	1 20	14 21	2 16	11 22
T 21	20 35	20 17	3 10	13 10	4 12	22 3	0 48	24 0	0 37	6 5	1 20	14 21	2 16	11 22
F 22	20 24	19 7	3 57	13 7	4 23	21 52	0 50	23 59	0 38	6 6	1 20	14 22	2 15	11 23
S 23	20 12	16 56	4 33	13 6	4 32	21 39	0 51	23 58	0 39	6 8	1 21	14 22	2 15	11 23
S 24	19 59	13 48	4 56	13 8	4 40	21 27	0 53	23 56	0 39	6 9	1 21	14 22	2 15	11 23
M 25	19 47	9 53	5 2	13 11	4 46	21 13	0 55	23 55	0 40	6 11	1 21	14 23	2 15	11 23
T 26	19 34	5 24	4 50	13 17	4 51	20 59	0 57	23 53	0 40	6 12	1 21	14 23	2 14	11 24
W 27	19 21	0 35	4 21	13 24	4 55	20 45	0 59	23 51	0 41	6 14	1 22	14 24	2 14	11 24
T 28	19 7	4s19	3 36	13 34	4 56	20 30	1 0	23 49	0 41	6 16	1 22	14 24	2 14	11 24
F 29	18 53	8 59	2 37	13 45	4 56	20 14	1 2	23 47	0 42	6 17	1 22	14 25	2 14	11 25
S 30	18 39	13 10	1 29	13 58	4 54	19 57	1 4	23 44	0 43	6 19	1 23	14 25	2 13	11 25
S 31	18n24	16s35	0s16	14n12	4s51	19n41	1n 5	23n41	0n43	6s21	1s23	14s26	2n13	11s26

Julian Day Number = 2381599.5, Delta T = 15.28 sec
Ecliptic obliquity = 23°27'45, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°03'59, Lahiri = 21°10'59

ASTRODIENST EPHEMERIS for the year 1808
geocentric

AUGUST 1808

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 37 42	8♂29°09	29♂ 2	4°R51	7♂54	12♂ 5	17°R 4	15♂42	1♂ 9	1°R57	14°R15	17°R53	17♂18	4♂39	7°R50	M 1
T 2	20 41 38	9°26'35	13♂ 4	4♂11	9° 8	12°45	17♂ 0	15°43	1°10	1°R57	14♂15	17♂52	17°14	4°45	7♂46	T 2
W 3	20 45 35	10°24'02	27° 1	3°34	10°22	13°24	16°55	15°45	1°11	1°57	14°14	17°47	17°11	4°52	7°43	W 3
T 4	20 49 31	11°21'29	10♂52	3° 2	11°36	14° 4	16°50	15°46	1°13	1°56	14°13	17°41	17° 8	4°59	7°40	T 4
F 5	20 53 28	12°18'57	24°33	2°33	12°50	14°43	16°45	15°47	1°14	1°56	14°12	17°31	17° 5	5° 5	7°36	F 5
S 6	20 57 24	13°16'27	8♂ 2	2°11	14° 4	15°22	16°40	15°49	1°16	1°56	14°11	17°19	17° 2	5°12	7°33	S 6
S 7	21 1 21	14°13'57	21°15	1°53	15°18	16° 2	16°34	15°51	1°17	1°56	14° 9	17° 7	16°58	5°19	7°30	S 7
M 8	21 5 17	15°11'28	4♂12	1°43	16°32	16°41	16°28	15°53	1°18	1°55	14° 8	16°55	16°55	5°25	7°26	M 8
T 9	21 9 14	16° 9'01	16°52	1°D38	17°46	17°20	16°23	15°54	1°20	1°55	14° 7	16°44	16°52	5°32	7°23	T 9
W10	21 13 11	17° 6'35	29°15	1°41	19° 1	17°59	16°17	15°56	1°22	1°55	14° 6	16°35	16°49	5°39	7°20	W10
T 11	21 17 7	18° 4'10	11♂23	1°50	20°15	18°38	16°11	15°59	1°23	1°55	14° 5	16°29	16°46	5°45	7°17	T 11
F 12	21 21 4	19° 1'47	23°20	2° 7	21°29	19°17	16° 5	16° 1	1°25	1°55	14° 4	16°25	16°43	5°52	7°13	F 12
S 13	21 25 0	19°59'25	5♂10	2°31	22°43	19°56	15°58	16° 3	1°27	1°55	14° 3	16°24	16°39	5°59	7°10	S 13
S 14	21 28 57	20°57'05	16°59	3° 2	23°57	20°35	15°52	16° 5	1°28	1°D55	14° 2	16°23	16°36	6° 5	7° 7	S 14
M15	21 32 53	21°54'46	28°50	3°41	25°12	21°14	15°45	16° 8	1°30	1°55	14° 1	16°23	16°33	6°12	7° 4	M15
T 16	21 36 50	22°52'29	10♂51	4°26	26°26	21°53	15°39	16°10	1°32	1°55	14° 0	16°22	16°30	6°19	7° 1	T 16
W17	21 40 46	23°50'14	23° 6	5°18	27°40	22°32	15°32	16°13	1°34	1°55	13°58	16°20	16°27	6°25	6°58	W17
T 18	21 44 43	24°48'00	5♂39	6°17	28°54	23°10	15°25	16°16	1°36	1°55	13°57	16°14	16°24	6°32	6°55	T 18
F 19	21 48 40	25°45'48	18°35	7°23	0♂ 9	23°49	15°18	16°18	1°38	1°55	13°56	16° 7	16°20	6°39	6°52	F 19
S 20	21 52 36	26°43'38	1♂53	8°35	1°23	24°28	15°11	16°21	1°40	1°55	13°55	15°57	16°17	6°45	6°48	S 20
S 21	21 56 33	27°41'29	15°35	9°53	2°37	25° 6	15° 4	16°24	1°42	1°56	13°54	15°45	16°14	6°52	6°45	S 21
M22	22 0 29	28°39'21	29°37	11°16	3°51	25°45	14°57	16°27	1°44	1°56	13°53	15°34	16°11	6°58	6°42	M22
T 23	22 4 26	29°37'15	13♂55	12°45	5° 6	26°24	14°49	16°31	1°46	1°56	13°51	15°23	16° 8	7° 5	6°40	T 23
W24	22 8 22	0♂35'11	28°22	14°18	6°20	27° 2	14°42	16°34	1°49	1°56	13°50	15°14	16° 4	7°12	6°37	W24
T 25	22 12 19	1°33'07	12♂52	15°55	7°34	27°40	14°34	16°37	1°51	1°57	13°49	15° 8	16° 1	7°18	6°34	T 25
F 26	22 16 15	2°31'06	27°20	17°37	8°49	28°19	14°27	16°40	1°53	1°57	13°48	15° 5	15°58	7°25	6°31	F 26
S 27	22 20 12	3°29'05	11♂41	19°21	10° 3	28°57	14°19	16°44	1°56	1°58	13°47	15°D 4	15°55	7°32	6°28	S 27
S 28	22 24 8	4°27'06	25°53	21° 9	11°18	29°35	14°11	16°48	1°58	1°58	13°45	15° 4	15°52	7°38	6°25	S 28
M29	22 28 5	5°25'08	9♂55	22°59	12°32	0♂14	14° 4	16°51	2° 0	1°59	13°44	15°R 4	15°49	7°45	6°23	M29
T 30	22 32 2	6°23'12	23°46	24°51	13°46	0°52	13°56	16°55	2° 3	1°59	13°43	15° 3	15°45	7°52	6°20	T 30
W31	22 35 58	7♂21'17	7♂25	26♂44	15♂ 1	1♂30	13♂48	16♂59	2♂ 5	2♂ 0	13♂42	15♂ 0	15♂42	7♂58	6♂17	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	18n10	19s 0	0n59	14n27	4s45	19n23	1n 7	23n38	0n44	6s23	1s23	14s26	2n13	11s26	0n29	18s57	1n39	19s36	14s35	17s11	17s 1	14n 9	11s 9	7n25			
T 2	17 54	20 15	2 9	14 44	4 38	19 5	1 8	23 35	0 44	6 25	1 23	14 27	2 12	11 26	0 29	18 57	1 39	19 37	14 35	17 10	17 0	14 10	11 10	7 25			
W 3	17 39	20 15	3 11	15 1	4 29	18 46	1 9	23 32	0 45	6 27	1 24	14 28	2 12	11 27	0 29	18 57	1 39	19 37	14 35	17 9	16 59	14 12	11 11	7 25			
T 4	17 23	19 0	4 1	15 18	4 19	18 27	1 11	23 28	0 45	6 29	1 24	14 28	2 12	11 27	0 29	18 57	1 39	19 38	14 36	17 7	16 58	14 13	11 12	7 25			
F 5	17 7	16 41	4 37	15 36	4 7	18 8	1 12	23 25	0 46	6 32	1 24	14 29	2 12	11 28	0 29	18 57	1 39	19 38	14 36	17 4	16 57	14 14	11 13	7 25			
S 6	16 51	13 30	4 57	15 53	3 54	17 48	1 13	23 21	0 47	6 34	1 24	14 30	2 11	11 28	0 29	18 57	1 39	19 39	14 36	17 1	16 56	14 16	11 14	7 24			
S 7	16 35	9 41	5 0	16 11	3 40	17 27	1 14	23 17	0 47	6 36	1 25	14 30	2 11	11 29	0 29	18 57	1 39	19 40	14 36	16 58	16 55	14 17	11 15	7 24			
M 8	16 18	5 31	4 47	16 28	3 25	17 6	1 16	23 13	0 48	6 39	1 25	14 31	2 11	11 30	0 29	18 57	1 39	19 40	14 36	16 54	16 54	14 19	11 16	7 24			
T 9	16 1	1 11	4 21	16 44	3 9	16 44	1 17	23 8	0 48	6 41	1 25	14 32	2 11	11 30	0 29	18 57	1 39	19 41	14 37	16 51	16 53	14 20	11 16	7 24			
W10	15 43	3n 6	3 42	17 0	2 53	16 22	1 18	23 4	0 49	6 44	1 25	14 33	2 10	11 31	0 29	18 57	1 39	19 41	14 37	16 49	16 53	14 22	11 17	7 24			
T 11	15 26	7 11	2 54	17 14	2 36	16 0	1 19	22 59	0 49	6 46	1 25	14 33	2 10	11 31	0 29	18 57	1 39	19 42	14 37	16 47	16 52	14 23	11 18	7 24			
F 12	15 8	10 55	1 59	17 27	2 19	15 37	1 19	22 54	0 50	6 49	1 26	14 34	2 10	11 32	0 29	18 57	1 39	19 43	14 37	16 46	16 51	14 24	11 19	7 24			
S 13	14 50	14 11	0 59	17 38	2 2	15 13	1 20	22 49	0 51	6 51	1 26	14 35	2 10	11 32	0 29	18 57	1 39	19 43	14 37	16 45	16 50	14 26	11 20	7 24			
S 14	14 32	16 52	0s 3	17 48	1 45	14 49	1 21	22 44	0 51	6 54	1 26	14 36	2 9	11 33	0 28	18 57	1 39	19 44	14 37	16 45	16 49	14 27	11 21	7 24			
M15	14 13	18 51	1 6	17 56	1 28	14 25	1 22	22 38	0 52	6 57	1 26	14 37	2 9	11 34	0 28	18 57	1 39	19 44	14 38	16 45	16 48	14 28	11 22	7 23			
T 16	13 54	20 1	2 6	18 1	1 11	14 1	1 22	22 33	0 52	7 0	1 27	14 38	2 9	11 34	0 28	18 57	1 38	19 45	14 38	16 45	16 47	14 30	11 23	7 23			
W17	13 35	20 16	3 2	18 5	0 55	13 36	1 23	22 27	0 53	7 2	1 27	14 39	2 9	11 35	0 28	18 57	1 38	19 46	14 38	16 44	16 46	14 31	11 24	7 23			
T 18	13 16	19 31	3 50	18 6	0 39	13 10	1 24	22 21	0 53	7 5	1 27	14 40	2 8	11 36	0 28	18 58	1 38	19 46	14 38	16 43	16 45	14 33	11 25	7 23			
F 19	12 57	17 45	4 28	18 4	0 23	12 44	1 24	22 15	0 54	7 8	1 27	14 41	2 8	11 37	0 28	18 58	1 38	19 47	14 38	16 40	16 44	14 34	11 26	7 23			
S 20	12 37	15 0	4 53	18 0	0 8	12 18	1 24	22 9	0 55	7 11	1 27	14 42	2 8	11 37	0 28	18 58	1 38	19 47	14 38	16 38	16 44	14 35	11 27	7 22			
S 21	12 17	11 23	5 1	17 53	0n 6	11 52	1 25	22 2	0 55	7 14	1 27	14 43	2 8	11 38	0 28	18 58	1 38	19 48	14 39	16 34	16 43	14 37	11 28	7 22			
M22	11 57	7 3	4 53	17 43	0 19	11 25	1 25	21 56	0 56	7 17	1 28	14 44	2 7	11 39	0 28	18 58	1 38	19 49	14 39	16 31	16 42	14 38	11 29	7 22			
T 23	11 37	2 15	4 25	17 30	0 31	10 58	1 25	21 49	0 56	7 20	1 28	14 45	2 7	11 40	0 28	18 58	1 38	19 49	14 39	16 28	16 41	14 39	11 30	7 22			
W24	11 17	2s44	3 41	17 15	0 43	10 31	1 25	21 42	0 57	7 23	1 28	14 47	2 7	11 40	0 28	18 58	1 38	19 50	14 39	16 25	16 40	14 41	11 30	7 21			
T 25	10 56	7 34	2 42	16 56	0 54	10 3	1 25	21 35	0 57	7 26	1 28	14 48	2 7	11 41	0 28	18 58	1 38	19 50	14 39	16 24	16 39	14 42	11 31	7 21			
F 26	10 35	11 59	1 33	16 34	1 3	9 35	1 25	21 28	0 58	7 29	1 28	14 49	2 6	11 42	0 28	18 58	1 38	19 51	14 39	16 23	16 38	14 43	11 32	7 21			
S 27	10 14	15 38	0 18	16 10	1 12	9 7	1 25	21 20	0 58	7 32	1 28	14 50	2 6	11 43	0 28	18 59	1 38	19 51	14 39	16 22	16 37	14 45	11 33	7 21			
S 28	9 53	18 19	0n57	15 43	1 20	8 39	1 25	21 13	0 59	7 35	1 28	14 51	2 6	11 44	0 28	18 59	1 38	19 52	14 39	16 22	16 36	14 46	11 34	7 20			
M29	9 32	19 51	2 8	15 14	1 26	8 10	1 25	21 5	0 59	7 38	1 29	14 53	2 6	11 45	0 28	18 59	1 38	19 52	14 39	16 22	16 35	14 48	11 35	7 20			
T 30	9 11	20 9	3 11	14 42	1 32	7 41	1 25	20 58	1 0	7 42	1 29	14 54	2 6	11 46	0 28	18 59	1 38	19 53	14 39	16 22	16 34	14 49	11 36	7 20			
W31	8n49	19s14	4n 1	14n 8	1n37	7n12	1n24	20n50	1n 1	7s45	1s29	14s55	2n 5	11s46	0n28	18s59	1n38	19s54	14s39	16s21	16s33	14n50	11s37	7n19			

ASTRODIENST EPHEMERIS for the year 1808
geocentric

SEPTEMBER 1808

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 55	8 ^h 19'23"	20 ^h 35'4"	28 ^h 03'9"	16 ^h 17'15"	2 ^h 02' 8"	13 ^h R40	17 ^h 17' 3"	2 ^h 18' 8"	2 ^h 27' 0"	13 ^h R41	14 ^h R54	15 ^h 13'39"	8 ^h 12' 5"	6 ^h R15	T 1
F 2	22 43 51	9 ^h 17'31"	4 ^h 12'12"	0 ^h 13'34"	17 ^h 30' 0"	2 ^h 46' 0"	13 ^h 32' 0"	17 ^h 7' 7"	2 ^h 11' 1"	2 ^h 1' 1"	13 ^h 39' 0"	14 ^h 14'46"	15 ^h 36' 0"	8 ^h 12' 6"	6 ^h 12' 0"	F 2
S 3	22 47 48	10 ^h 15'41"	17 ^h 18' 0"	2 ^h 30' 0"	18 ^h 44' 0"	3 ^h 24' 0"	13 ^h 24' 0"	17 ^h 11' 0"	2 ^h 13' 0"	2 ^h 1' 0"	13 ^h 38' 0"	14 ^h 35' 0"	15 ^h 33' 0"	8 ^h 18' 0"	6 ^h 9' 0"	S 3
S 4	22 51 44	11 ^h 13'52"	0 ^h 11' 0"	4 ^h 26' 0"	19 ^h 58' 0"	4 ^h 2' 0"	13 ^h 16' 0"	17 ^h 15' 0"	2 ^h 16' 0"	2 ^h 2' 0"	13 ^h 37' 0"	14 ^h 24' 0"	15 ^h 29' 0"	8 ^h 25' 0"	6 ^h 7' 0"	S 4
M 5	22 55 41	12 ^h 12'04"	12 ^h 50' 0"	6 ^h 22' 0"	21 ^h 13' 0"	4 ^h 40' 0"	13 ^h 8' 0"	17 ^h 19' 0"	2 ^h 19' 0"	2 ^h 3' 0"	13 ^h 36' 0"	14 ^h 13' 0"	15 ^h 26' 0"	8 ^h 31' 0"	6 ^h 5' 0"	M 5
T 6	22 59 37	13 ^h 10'19"	25 ^h 16' 0"	8 ^h 18' 0"	22 ^h 27' 0"	5 ^h 18' 0"	13 ^h 0' 0"	17 ^h 23' 0"	2 ^h 21' 0"	2 ^h 4' 0"	13 ^h 34' 0"	14 ^h 4' 0"	15 ^h 23' 0"	8 ^h 38' 0"	6 ^h 2' 0"	T 6
W 7	23 3 34	14 ^h 8'35"	7 ^h 13'30"	10 ^h 14' 0"	23 ^h 42' 0"	5 ^h 56' 0"	12 ^h 52' 0"	17 ^h 28' 0"	2 ^h 24' 0"	2 ^h 4' 0"	13 ^h 33' 0"	13 ^h 56' 0"	15 ^h 20' 0"	8 ^h 45' 0"	6 ^h 0' 0"	W 7
T 8	23 7 31	15 ^h 6'53"	19 ^h 32' 0"	12 ^h 9' 0"	24 ^h 56' 0"	6 ^h 34' 0"	12 ^h 44' 0"	17 ^h 32' 0"	2 ^h 27' 0"	2 ^h 5' 0"	13 ^h 32' 0"	13 ^h 50' 0"	15 ^h 17' 0"	8 ^h 51' 0"	5 ^h 58' 0"	T 8
F 9	23 11 27	16 ^h 5'14"	1 ^h 26' 0"	14 ^h 3' 0"	26 ^h 10' 0"	7 ^h 11' 0"	12 ^h 36' 0"	17 ^h 37' 0"	2 ^h 30' 0"	2 ^h 6' 0"	13 ^h 31' 0"	13 ^h 47' 0"	15 ^h 14' 0"	8 ^h 58' 0"	5 ^h 55' 0"	F 9
S 10	23 15 24	17 ^h 3'36"	13 ^h 14' 0"	15 ^h 56' 0"	27 ^h 25' 0"	7 ^h 49' 0"	12 ^h 29' 0"	17 ^h 41' 0"	2 ^h 33' 0"	2 ^h 7' 0"	13 ^h 29' 0"	13 ^h D47' 0"	15 ^h 10' 0"	9 ^h 5' 0"	5 ^h 53' 0"	S 10
S 11	23 19 20	18 ^h 2'00"	25 ^h 1' 0"	17 ^h 49' 0"	28 ^h 39' 0"	8 ^h 27' 0"	12 ^h 21' 0"	17 ^h 46' 0"	2 ^h 36' 0"	2 ^h 8' 0"	13 ^h 28' 0"	13 ^h 47' 0"	15 ^h 7' 0"	9 ^h 11' 0"	5 ^h 51' 0"	S 11
M12	23 23 17	19 ^h 0'27"	6 ^h 11'51"	19 ^h 41' 0"	29 ^h 54' 0"	9 ^h 4' 0"	12 ^h 13' 0"	17 ^h 51' 0"	2 ^h 38' 0"	2 ^h 9' 0"	13 ^h 27' 0"	13 ^h 48' 0"	15 ^h 4' 0"	9 ^h 18' 0"	5 ^h 49' 0"	M12
T 13	23 27 13	19 ^h 58'55"	18 ^h 5' 0"	21 ^h 31' 0"	1 ^h 12' 8"	9 ^h 42' 0"	12 ^h 5' 0"	17 ^h 55' 0"	2 ^h 41' 0"	2 ^h 9' 0"	13 ^h 26' 0"	13 ^h R49' 0"	15 ^h 1' 0"	9 ^h 25' 0"	5 ^h 47' 0"	T 13
W14	23 31 10	20 ^h 57'26"	1 ^h 12' 0"	23 ^h 21' 0"	2 ^h 23' 0"	10 ^h 19' 0"	11 ^h 57' 0"	18 ^h 0' 0"	2 ^h 44' 0"	2 ^h 10' 0"	13 ^h 24' 0"	13 ^h 48' 0"	14 ^h 58' 0"	9 ^h 31' 0"	5 ^h 45' 0"	W14
T 15	23 35 6	21 ^h 55'59"	13 ^h 38' 0"	25 ^h 10' 0"	3 ^h 37' 0"	10 ^h 57' 0"	11 ^h 49' 0"	18 ^h 5' 0"	2 ^h 47' 0"	2 ^h 11' 0"	13 ^h 23' 0"	13 ^h 46' 0"	14 ^h 55' 0"	9 ^h 38' 0"	5 ^h 43' 0"	T 15
F 16	23 39 3	22 ^h 54'35"	26 ^h 34' 0"	26 ^h 58' 0"	4 ^h 52' 0"	11 ^h 34' 0"	11 ^h 42' 0"	18 ^h 10' 0"	2 ^h 51' 0"	2 ^h 13' 0"	13 ^h 22' 0"	13 ^h 41' 0"	14 ^h 51' 0"	9 ^h 45' 0"	5 ^h 41' 0"	F 16
S 17	23 43 0	23 ^h 53'12"	9 ^h 02'57"	28 ^h 45' 0"	6 ^h 6' 0"	12 ^h 12' 0"	11 ^h 34' 0"	18 ^h 15' 0"	2 ^h 54' 0"	2 ^h 14' 0"	13 ^h 21' 0"	13 ^h 35' 0"	14 ^h 48' 0"	9 ^h 51' 0"	5 ^h 39' 0"	S 17
S 18	23 46 56	24 ^h 51'51"	23 ^h 46' 0"	0 ^h 12'30"	7 ^h 21' 0"	12 ^h 49' 0"	11 ^h 27' 0"	18 ^h 20' 0"	2 ^h 57' 0"	2 ^h 15' 0"	13 ^h 20' 0"	13 ^h 28' 0"	14 ^h 45' 0"	9 ^h 58' 0"	5 ^h 38' 0"	S 18
M19	23 50 53	25 ^h 50'33"	8 ^h 11' 0"	2 ^h 15' 0"	8 ^h 35' 0"	13 ^h 26' 0"	11 ^h 19' 0"	18 ^h 26' 0"	3 ^h 0' 0"	2 ^h 16' 0"	13 ^h 18' 0"	13 ^h 20' 0"	14 ^h 42' 0"	10 ^h 5' 0"	5 ^h 36' 0"	M19
T 20	23 54 49	26 ^h 49'17"	22 ^h 36' 0"	3 ^h 59' 0"	9 ^h 50' 0"	14 ^h 3' 0"	11 ^h 12' 0"	18 ^h 31' 0"	3 ^h 3' 0"	2 ^h 17' 0"	13 ^h 17' 0"	13 ^h 13' 0"	14 ^h 39' 0"	10 ^h 11' 0"	5 ^h 34' 0"	T 20
W21	23 58 46	27 ^h 48'02"	7 ^h 12'24"	5 ^h 41' 0"	11 ^h 4' 0"	14 ^h 40' 0"	11 ^h 4' 0"	18 ^h 36' 0"	3 ^h 6' 0"	2 ^h 18' 0"	13 ^h 16' 0"	13 ^h 7' 0"	14 ^h 35' 0"	10 ^h 18' 0"	5 ^h 33' 0"	W21
T 22	0 2 42	28 ^h 46'50"	22 ^h 18' 0"	7 ^h 23' 0"	12 ^h 19' 0"	15 ^h 18' 0"	10 ^h 57' 0"	18 ^h 41' 0"	3 ^h 10' 0"	2 ^h 19' 0"	13 ^h 15' 0"	13 ^h 3' 0"	14 ^h 32' 0"	10 ^h 24' 0"	5 ^h 31' 0"	T 22
F 23	0 6 39	29 ^h 45'39"	7 ^h 11' 9"	9 ^h 4' 0"	13 ^h 33' 0"	15 ^h 55' 0"	10 ^h 50' 0"	18 ^h 47' 0"	3 ^h 13' 0"	2 ^h 21' 0"	13 ^h 14' 0"	13 ^h D 2' 0"	14 ^h 29' 0"	10 ^h 31' 0"	5 ^h 30' 0"	F 23
S 24	0 10 35	0 ^h 14'43'1"	21 ^h 51' 0"	10 ^h 44' 0"	14 ^h 48' 0"	16 ^h 32' 0"	10 ^h 43' 0"	18 ^h 52' 0"	3 ^h 16' 0"	2 ^h 22' 0"	13 ^h 12' 0"	13 ^h 2' 0"	14 ^h 26' 0"	10 ^h 38' 0"	5 ^h 28' 0"	S 24
S 25	0 14 32	1 ^h 43'24"	6 ^h 11'18"	12 ^h 23' 0"	16 ^h 2' 0"	17 ^h 9' 0"	10 ^h 36' 0"	18 ^h 58' 0"	3 ^h 19' 0"	2 ^h 23' 0"	13 ^h 11' 0"	13 ^h 3' 0"	14 ^h 23' 0"	10 ^h 44' 0"	5 ^h 27' 0"	S 25
M26	0 18 29	2 ^h 42'19"	20 ^h 28' 0"	14 ^h 1' 0"	17 ^h 17' 0"	17 ^h 45' 0"	10 ^h 29' 0"	19 ^h 4' 0"	3 ^h 23' 0"	2 ^h 25' 0"	13 ^h 10' 0"	13 ^h 4' 0"	14 ^h 20' 0"	10 ^h 51' 0"	5 ^h 26' 0"	M26
T 27	0 22 25	3 ^h 41'15"	4 ^h 13'19"	15 ^h 38' 0"	18 ^h 31' 0"	18 ^h 22' 0"	10 ^h 22' 0"	19 ^h 9' 0"	3 ^h 26' 0"	2 ^h 26' 0"	13 ^h 9' 0"	13 ^h R 5' 0"	14 ^h 16' 0"	10 ^h 58' 0"	5 ^h 25' 0"	T 27
W28	0 26 22	4 ^h 40'14"	17 ^h 52' 0"	17 ^h 14' 0"	19 ^h 46' 0"	18 ^h 59' 0"	10 ^h 16' 0"	19 ^h 15' 0"	3 ^h 30' 0"	2 ^h 27' 0"	13 ^h 8' 0"	13 ^h 4' 0"	14 ^h 13' 0"	11 ^h 4' 0"	5 ^h 23' 0"	W28
T 29	0 30 18	5 ^h 39'14"	1 ^h 11' 9"	18 ^h 50' 0"	21 ^h 0' 0"	19 ^h 36' 0"	10 ^h 9' 0"	19 ^h 21' 0"	3 ^h 33' 0"	2 ^h 29' 0"	13 ^h 7' 0"	13 ^h 1' 0"	14 ^h 10' 0"	11 ^h 11' 0"	5 ^h 22' 0"	T 29
F 30	0 34 15	6 ^h 13'15"	14 ^h 11' 9"	20 ^h 12'24"	22 ^h 15' 0"	20 ^h 12' 0"	10 ^h 11' 3"	19 ^h 12'27"	3 ^h 13'36"	2 ^h 27'30"	13 ^h 11' 5"	12 ^h 12'57"	14 ^h 11' 7"	11 ^h 18'18"	5 ^h 21' 0"	F 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
T 1	8n27	17s16	4n38	13n32	1n41	6n43	1n24	20n42	1n 1	7s48	1s29	14s57	2n 5	11s47	0n28	18s59	1n38	19s54	14s40	16s19	16s32	14n52	11s38	7n19	
F 2	8 6	14 24	4 58	12 54	1 44	6 14	1 23	20 34	1 2	7 51	1 29	14 58	2 5	11 48	0 28	19 0	1 37	19 55	14 40	16 17	16 32	14 53	11 39	7 19	
S 3	7 44	10 51	5 3	12 14	1 46	5 44	1 23	20 25	1 2	7 54	1 29	14 59	2 5	11 49	0 28	19 0	1 37	19 55	14 40	16 14	16 31	14 54	11 40	7 19	
S 4	7 22	6 52	4 52	11 33	1 47	5 14	1 22	20 17	1 3	7 57	1 29	15 1	2 4	11 50	0 28	19 0	1 37	19 56	14 40	16 11	16 30	14 55	11 41	7 18	
M 5	6 59	2 38	4 27	10 51	1 48	4 44	1 22	20 8	1 3	8 0	1 29	15 2	2 4	11 51	0 28	19 0	1 37	19 56	14 40	16 7	16 29	14 57	11 42	7 18	
T 6	6 37	1n38	3 49	10 7	1 47	4 14	1 21	20 0	1 4	8 3	1 29	15 3	2 4	11 52	0 28	19 0	1 37	19 57	14 40	16 4	16 28	14 58	11 43	7 17	
W 7	6 15	5 45	3 2	9 23	1 47	3 44	1 20	19 51	1 4	8 7	1 29	15 5	2 4	11 53	0 28	19 1	1 37	19 57	14 40	16 2	16 27	14 59	11 43	7 17	
T 8	5 52	9 36	2 6	8 38	1 45	3 14	1 19	19 42	1 5	8 10	1 29	15 6	2 4	11 54	0 28	19 1	1 37	19 58	14 40	16 1	16 26	15 1	11 44	7 17	
F 9	5 30	13 1	1 6	7 52	1 43	2 43	1 18	19 33	1 5	8 13	1 29	15 8	2 3	11 55	0 28	19 1	1 37	19 58	14 40	16 0	16 25	15 2	11 45	7 16	
S 10	5 7	15 52	0 3	7 6	1 41	2 13	1 18	19 24	1 6	8 16	1 29	15 9	2 3	11 56	0 28	19 1	1 37	19 59	14 40	15 59	16 24	15 3	11 46	7 16	
S 11	4 44	18 4	1s 0	6 19	1 38	1 42	1 16	19 14	1 7	8 19	1 29	15 11	2 3	11 57	0 28	19 1	1 37	19 59	14 40	16 0	16 23	15 5	11 47	7 16	
M12	4 21	19 29	2 1	5 32	1 34	1 12	1 15	19 5	1 7	8 22	1 30	15 12	2 3	11 58	0 28	19 2	1 37	20 0	14 40	16 0	16 22	15 6	11 48	7 15	
T 13	3 58	20 3	2 57	4 45	1 30	0 41	1 14	18 56	1 8	8 25	1 30	15 14	2 2	11 59	0 28	19 2	1 37	20 0	14 40	16 0	16 21	15 7	11 49	7 15	
W14	3 35	19 41	3 47	3 57	1 26	0 10	1 13	18 46	1 8	8 28	1 30	15 15	2 2	12 0	0 28	19 2	1 37	20 1	14 40	16 0	16 20	15 8	11 50	7 14	
T 15	3 12	18 20	4 27	3 10	1 21	0s21	1 12	18 36	1 9	8 31	1 30	15 17	2 2	12 1	0 28	19 2	1 37	20 1	14 40	15 59	16 19	15 10	11 50	7 14	
F 16	2 49	16 2	4 54	2 22	1 16	0 51	1 10	18 26	1 9	8 34	1 30	15 18	2 2	12 2	0 28	19 3	1 37	20 2	14 40	15 58	16 19	15 11	11 51	7 14	
S 17	2 26	12 50	5 7	1 35	1 11	1 22	1 9	18 16	1 10	8 37	1 30	15 20	2 2	12 3	0 28	19 3	1 37	20 2	14 40	15 56	16 18	15 12	11 52	7 13	
S 18	2 3	8 50	5 3	0 48	1 5	1 53	1 8	18 6	1 10	8 40	1 30	15 21	2 2	12 4	0 28	19 3	1 37	20 3	14 40	15 54	16 17	15 14	11 53	7 13	
M19	1 39	4 14	4 40	0 1	1 0	2 24	1 6	17 56	1 11	8 42	1 29	15 23	2 1	12 6	0 28	19 3	1 37	20 3	14 40	15 51	16 16	15 15	11 54	7 12	
T 20	1 16	0s43	3 59	0s46	0 54	2 54	1 5	17 46	1 11	8 45	1 29	15 25	2 1	12 7	0 27	19 4	1 36	20 3	14 40	15 49	16 15	15 16	11 55	7 12	
W21	0 53	5 42	3 1	1 32	0 47	3 25	1 3	17 36	1 12	8 48	1 29	15 26	2 1	12 8	0 27	19 4	1 36	20 4	14 40	15 47	16 14	15 17	11 55	7 11	
T 22	0 29	10 23	1 50	2 18	0 41	3 56	1 1	17 25	1 12	8 51	1 29	15 28	2 1	12 9	0 27	19 4	1 36	20 4	14 40	15 46	16 13	15 19	11 56	7 11	
F 23	0 6	14 25	0 32	3 4	0 34	4 26	1 0	17 15	1 13	8 53	1 29	15 30	2 1	12 10	0 27	19 5	1 36	20 5	14 39	15 46	16 12	15 20	11 57	7 11	
S 24	0s18	17 29	0n48	3 50	0 28	4 57	0 58	17 4	1 14	8 56	1 29	15 31	2 0	12 11	0 27	19 5	1 36	20 5	14 39	15 46	16 11	15 21	11 58	7 10	
S 25	0 41	19 22	2 3	4 35	0 21	5 27	0 56	16 53	1 14	8 59	1 29	15 33	2 0	12 12	0 27	19 5	1 36	20 5	14 39	15 46	16 10	15 22	11 58	7 10	
M26	1 5	19 58	3 10	5 19	0 14	5 57	0 54	16 43	1 15	9 1	1 29	15 35	2 0	12 13	0 27	19 5	1 36	20 6	14 39	15 47	16 9	15 24	11 59	7 9	
T 27	1 28	19 20	4 3	6 3	0 7	6 28	0 52	16 32	1 15	9 4	1 29	15 36	2 0	12 15	0 27	19 6	1 36	20 6	14 39	15 47	16 8	15 25	12 0	7 9	
W28	1 51	17 36	4 42	6 46	0 0	6 58	0 50	16 21	1 16	9 6	1 29	15 38	2 0	12 16	0 27	19 6	1 36	20 7	14 39	15 46	16 7	15 26	12 1	7 8	
T 29	2 15	14 58	5 5	7 29	0s 7	7 28	0 48	16 10	1 16	9 8	1 29	15 40	2 0	12 17	0 27	19 6	1 36	20 7	14 39	15 46	16 6	15 27	12 1	7 8	
F 30	2s38	11s38	5n11	8s12	0s14	7s57	0n46	15n59	1n17	9s11	1s29	15s42	1n59	12s18	0n27	19s 7	1n36	20s 7	14s39	15s44	16s 5	15n28	12s 2	7n 7	

ASTRODIENST EPHEMERIS for the year 1808
geocentric

OCTOBER 1808

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 38 11	7♂37'19	26♂56	21♂58	23♂29	20♂49	9°R57	19♂32	3♂40	2♂32	13°R 4	12°R52	14♂ 4	11♂24	5°R20	S 1
S 2	0 42 8	8°36'24	9♂29	23°31	24°44	21°26	9♂51	19°38	3°43	2°33	13♂ 3	12♂46	14° 0	11°31	5♂20	S 2
M 3	0 46 4	9°35'32	21°51	25° 3	25°58	22° 2	9°45	19°44	3°47	2°35	13° 2	12°40	13°57	11°38	5°19	M 3
T 4	0 50 1	10°34'41	4♂ 3	26°34	27°13	22°39	9°39	19°50	3°50	2°36	13° 1	12°34	13°54	11°44	5°18	T 4
W 5	0 53 57	11°33'52	16° 6	28° 5	28°27	23°15	9°33	19°56	3°54	2°38	13° 0	12°30	13°51	11°51	5°17	W 5
T 6	0 57 54	12°33'05	28° 1	29°35	29°42	23°51	9°28	20° 3	3°57	2°39	12°59	12°28	13°48	11°57	5°17	T 6
F 7	1 1 51	13°32'21	9♂50	1♂ 3	0♂56	24°28	9°23	20° 9	4° 1	2°41	12°58	12°D27	13°45	12° 4	5°16	F 7
S 8	1 5 47	14°31'39	21°37	2°32	2°11	25° 4	9°17	20°15	4° 5	2°42	12°57	12°27	13°41	12°11	5°16	S 8
S 9	1 9 44	15°30'59	3♂24	3°59	3°25	25°40	9°12	20°21	4° 8	2°44	12°56	12°28	13°38	12°17	5°15	S 9
M10	1 13 40	16°30'21	15°15	5°25	4°40	26°16	9° 8	20°28	4°12	2°46	12°55	12°30	13°35	12°24	5°15	M10
T 11	1 17 37	17°29'45	27°15	6°51	5°54	26°52	9° 3	20°34	4°15	2°47	12°54	12°32	13°32	12°31	5°15	T 11
W12	1 21 33	18°29'12	9♂27	8°16	7° 9	27°28	8°58	20°40	4°19	2°49	12°53	12°33	13°29	12°37	5°15	W12
T 13	1 25 30	19°28'41	21°57	9°40	8°23	28° 4	8°54	20°47	4°23	2°51	12°52	12°R33	13°26	12°44	5°15	T 13
F 14	1 29 26	20°28'13	4♂48	11° 2	9°37	28°40	8°50	20°53	4°26	2°53	12°51	12°33	13°22	12°51	5°D14	F 14
S 15	1 33 23	21°27'46	18° 6	12°24	10°52	29°16	8°46	21° 0	4°30	2°54	12°50	12°31	13°19	12°57	5°14	S 15
S 16	1 37 20	22°27'22	1♂51	13°45	12° 6	29°52	8°42	21° 6	4°34	2°56	12°49	12°29	13°16	13° 4	5°15	S 16
M17	1 41 16	23°27'00	16° 3	15° 5	13°21	0♂28	8°39	21°13	4°38	2°58	12°48	12°26	13°13	13°11	5°15	M17
T 18	1 45 13	24°26'41	0♂41	16°24	14°35	1° 3	8°35	21°19	4°41	3° 0	12°47	12°23	13°10	13°17	5°15	T 18
W19	1 49 9	25°26'23	15°37	17°42	15°50	1°39	8°32	21°26	4°45	3° 2	12°47	12°22	13° 6	13°24	5°15	W19
T 20	1 53 6	26°26'08	0♂45	18°58	17° 4	2°14	8°29	21°33	4°49	3° 4	12°46	12°20	13° 3	13°30	5°16	T 20
F 21	1 57 2	27°25'55	15°55	20°13	18°19	2°50	8°26	21°39	4°52	3° 6	12°45	12°D20	13° 0	13°37	5°16	F 21
S 22	2 0 59	28°25'43	0♂57	21°26	19°33	3°25	8°24	21°46	4°56	3° 8	12°44	12°21	12°57	13°44	5°17	S 22
S 23	2 4 55	29°25'34	15°44	22°38	20°48	4° 1	8°21	21°53	5° 0	3° 9	12°43	12°22	12°54	13°50	5°17	S 23
M24	2 8 52	0♂25'26	0♂10	23°48	22° 2	4°36	8°19	22° 0	5° 4	3°11	12°42	12°23	12°51	13°57	5°18	M24
T 25	2 12 49	1°25'20	14°12	24°56	23°17	5°11	8°17	22° 7	5° 7	3°13	12°42	12°24	12°47	14° 4	5°19	T 25
W26	2 16 45	2°25'15	27°50	26° 1	24°31	5°46	8°15	22°13	5°11	3°15	12°41	12°R24	12°44	14°10	5°19	W26
T 27	2 20 42	3°25'12	11♂ 4	27° 5	25°45	6°21	8°14	22°20	5°15	3°17	12°40	12°24	12°41	14°17	5°20	T 27
F 28	2 24 38	4°25'11	23°57	28° 5	27° 0	6°56	8°12	22°27	5°19	3°19	12°40	12°23	12°38	14°24	5°21	F 28
S 29	2 28 35	5°25'11	6♂33	29° 2	28°14	7°31	8°11	22°34	5°22	3°21	12°39	12°23	12°35	14°30	5°22	S 29
S 30	2 32 31	6°25'13	18°53	29°56	29°29	8° 6	8°10	22°41	5°26	3°24	12°38	12°22	12°32	14°37	5°23	S 30
M31	2 36 28	7♂25'16	1° 2	0♂47	0♂43	8♂41	8♂ 9	22♂48	5♂30	3♂26	12♂38	12♂21	12♂28	14♂44	5♂24	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	3s 2	7s49	5n 2	8s54	0s21	8s27	0n44	15n47	1n17	9s13	1s29	15s43	1n59	12s19	0n27	19s 7
S 2	3 25	3 43	4 39	9 35	0 28	8 56	0 42	15 36	1 18	9 15	1 29	15 45	1 59	12 21	0 27	19 7
M 3	3 48	0n29	2 10	15 15	0 36	9 25	0 40	15 25	1 18	9 17	1 28	15 47	1 59	12 22	0 27	19 8
T 4	4 11	4 36	3 15	10 55	0 43	9 54	0 38	15 13	1 19	9 19	1 28	15 49	1 59	12 23	0 27	19 8
W 5	4 35	8 29	2 20	11 35	0 50	10 23	0 35	15 2	1 19	9 21	1 28	15 50	1 59	12 24	0 27	19 8
T 6	4 58	12 0	1 18	12 13	0 57	10 51	0 33	14 50	1 20	9 23	1 28	15 52	1 58	12 25	0 27	19 9
F 7	5 21	15 0	0 14	12 51	1 4	11 20	0 31	14 39	1 20	9 25	1 28	15 54	1 58	12 27	0 27	19 9
S 8	5 44	17 23	0s50	13 28	1 11	11 48	0 28	14 27	1 21	9 27	1 28	15 56	1 58	12 28	0 27	19 10
S 9	6 7	19 0	1 53	14 5	1 18	12 15	0 26	14 15	1 22	9 29	1 28	15 57	1 58	12 29	0 27	19 10
M10	6 30	19 49	2 51	14 40	1 25	12 43	0 24	14 4	1 22	9 30	1 28	15 59	1 58	12 30	0 27	19 10
T 11	6 52	19 44	3 43	15 15	1 31	13 10	0 21	13 52	1 23	9 32	1 27	16 1	1 58	12 32	0 27	19 11
W12	7 15	18 43	4 25	15 49	1 38	13 37	0 19	13 40	1 23	9 34	1 27	16 3	1 58	12 33	0 27	19 11
T 13	7 38	16 48	4 56	16 22	1 44	14 3	0 16	13 28	1 24	9 35	1 27	16 5	1 57	12 34	0 27	19 11
F 14	8 0	14 1	5 13	16 54	1 51	14 29	0 14	13 16	1 24	9 36	1 27	16 6	1 57	12 35	0 27	19 12
S 15	8 23	10 26	5 14	17 26	1 57	14 55	0 11	13 4	1 25	9 38	1 27	16 8	1 57	12 37	0 27	19 12
S 16	8 45	6 11	4 58	17 56	2 3	15 21	0 9	12 52	1 25	9 39	1 27	16 10	1 57	12 38	0 27	19 13
M17	9 7	1 27	4 23	18 25	2 8	15 46	0 6	12 39	1 26	9 40	1 26	16 12	1 57	12 39	0 27	19 13
T 18	9 29	3s30	3 31	18 54	2 14	16 10	0 4	12 27	1 26	9 41	1 26	16 14	1 57	12 40	0 27	19 13
W19	9 51	8 21	2 23	19 21	2 19	16 35	0 1	12 15	1 27	9 42	1 26	16 16	1 57	12 42	0 27	19 14
T 20	10 13	12 45	1 4	19 47	2 24	16 59	0s 2	12 3	1 27	9 43	1 26	16 17	1 57	12 43	0 27	19 14
F 21	10 34	16 18	0n20	20 12	2 29	17 22	0 4	11 51	1 28	9 44	1 26	16 19	1 56	12 44	0 27	19 14
S 22	10 56	18 43	1 42	20 36	2 33	17 45	0 7	11 38	1 29	9 45	1 25	16 21	1 56	12 45	0 27	19 15
S 23	11 17	19 48	2 55	20 59	2 37	18 7	0 10	11 26	1 29	9 46	1 25	16 23	1 56	12 47	0 27	19 15
M24	11 38	19 32	3 56	21 20	2 41	18 29	0 12	11 13	1 30	9 46	1 25	16 25	1 56	12 48	0 27	19 16
T 25	11 59	18 4	4 40	21 41	2 45	18 51	0 15	11 1	1 30	9 47	1 25	16 27	1 56	12 49	0 27	19 16
W26	12 19	15 35	5 8	21 59	2 47	19 12	0 17	10 49	1 31	9 48	1 25	16 28	1 56	12 50	0 27	19 16
T 27	12 40	12 22	5 18	22 17	2 50	19 33	0 20	10 36	1 31	9 48	1 24	16 30	1 56	12 52	0 27	19 17
F 28	13 0	8 39	5 11	22 32	2 52	19 53	0 23	10 24	1 32	9 48	1 24	16 32	1 56	12 53	0 27	19 17
S 29	13 20	4 37	4 50	22 46	2 53	20 12	0 25	10 11	1 32	9 49	1 24	16 34	1 56	12 54	0 27	19 18
S 30	13 40	0 29	4 16	22 59	2 53	20 31	0 28	9 59	1 33	9 49	1 24	16 36	1 56	12 55	0 27	19 18
M31	14s 0	3n37	3n30	23s 9	2s53	20s49	0s31	9n46	1n33	9s49	1s24	16s38	1n56	12s57	0n27	19s19

Julian Day Number = 2381691.5, Delta T = 15.24 sec
Ecliptic obliquity = 23°27'45, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°04'12, Lahiri = 21°11'12

ASTRODIENST EPHEMERIS for the year 1808

geocentric

NOVEMBER 1808

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 24	8♌25'21	13♍1	1♊33	1♊57	9♏15	8♏9	22♌55	5♌34	3♊28	12♏R37	12♏R21	12♌25	14♌50	5♊26	T 1
W 2	2 44 21	9°25'28	24°55	2°14	3°12	9°50	8♏8	23°2	5°37	3°30	12♏36	12♌20	12°22	14°57	5°27	W 2
T 3	2 48 17	10°25'37	6♌45	2°50	4°26	10°24	8♏D 8	23°9	5°41	3°32	12°36	12°20	12°19	15°3	5°28	T 3
F 4	2 52 14	11°25'48	18°32	3°21	5°41	10°59	8°8	23°16	5°45	3°34	12°35	12°D20	12°16	15°10	5°30	F 4
S 5	2 56 11	12°26'00	0♏20	3°44	6°55	11°33	8°8	23°23	5°49	3°36	12°35	12°R20	12°12	15°17	5°31	S 5
S 6	3 0 7	13°26'14	12°11	4°1	8°9	12°8	8°9	23°30	5°52	3°38	12°34	12°20	12°9	15°23	5°33	S 6
M 7	3 4 4	14°26'31	24°7	4°10	9°24	12°42	8°9	23°37	5°56	3°40	12°34	12°20	12°6	15°30	5°34	M 7
T 8	3 8 0	15°26'49	6♌11	4°R11	10°38	13°16	8°10	23°44	6°0	3°43	12°33	12°20	12°3	15°37	5°36	T 8
W 9	3 11 57	16°27'09	18°26	4°2	11°52	13°50	8°11	23°52	6°4	3°45	12°33	12°19	12°0	15°43	5°38	W 9
T 10	3 15 53	17°27'31	0♏56	3°44	13°7	14°24	8°12	23°59	6°7	3°47	12°33	12°19	11°57	15°50	5°39	T 10
F 11	3 19 50	18°27'54	13°44	3°15	14°21	14°58	8°14	24°6	6°11	3°49	12°32	12°D18	11°53	15°57	5°41	F 11
S 12	3 23 47	19°28'20	26°53	2°36	15°35	15°32	8°15	24°13	6°15	3°51	12°32	12°18	11°50	16°3	5°43	S 12
S 13	3 27 43	20°28'48	10♏27	1°48	16°50	16°6	8°17	24°20	6°18	3°54	12°31	12°19	11°47	16°10	5°45	S 13
M14	3 31 40	21°29'17	24°27	0°50	18°4	16°39	8°19	24°27	6°22	3°56	12°31	12°20	11°44	16°17	5°47	M14
T 15	3 35 36	22°29'49	8♌52	29♌43	19°18	17°13	8°22	24°34	6°26	3°58	12°31	12°20	11°41	16°23	5°49	T 15
W16	3 39 33	23°30'22	23°39	28°29	20°32	17°46	8°24	24°42	6°29	4°0	12°31	12°21	11°37	16°30	5°52	W16
T 17	3 43 29	24°30'57	8♌43	27°10	21°47	18°20	8°27	24°49	6°33	4°2	12°30	12°R22	11°34	16°36	5°54	T 17
F 18	3 47 26	25°31'33	23°56	25°49	23°1	18°53	8°30	24°56	6°37	4°5	12°30	12°21	11°31	16°43	5°56	F 18
S 19	3 51 22	26°32'12	9♊7	24°28	24°15	19°26	8°33	25°3	6°40	4°7	12°30	12°21	11°28	16°50	5°59	S 19
S 20	3 55 19	27°32'51	24°8	23°10	25°29	19°59	8°36	25°10	6°44	4°9	12°30	12°19	11°25	16°56	6°1	S 20
M21	3 59 16	28°33'32	8♌49	21°57	26°44	20°32	8°39	25°17	6°47	4°11	12°30	12°17	11°22	17°3	6°3	M21
T 22	4 3 12	29°34'14	23°5	20°51	27°58	21°5	8°43	25°24	6°51	4°14	12°29	12°15	11°18	17°10	6°6	T 22
W23	4 7 9	0♊34'57	6♌45	19°55	29°12	21°38	8°47	25°32	6°55	4°16	12°29	12°13	11°15	17°16	6°9	W23
T 24	4 11 5	1°35'41	20°15	19°10	0♏26	22°10	8°51	25°39	6°58	4°18	12°29	12°11	11°12	17°23	6°11	T 24
F 25	4 15 2	2°36'26	3♏10	18°36	1°40	22°43	8°55	25°46	7°2	4°20	12°29	12°D11	11°9	17°30	6°14	F 25
S 26	4 18 58	3°37'12	15°43	18°14	2°55	23°15	8°59	25°53	7°5	4°23	12°D29	12°11	11°6	17°36	6°17	S 26
S 27	4 22 55	4°37'59	27°58	18°D 3	4°9	23°48	9°4	26°0	7°8	4°25	12°29	12°13	11°3	17°43	6°20	S 27
M28	4 26 51	5°38'47	10♏0	18°3	5°23	24°20	9°9	26°7	7°12	4°27	12°29	12°14	10°59	17°50	6°22	M28
T 29	4 30 48	6°39'36	21°53	18°14	6°37	24°52	9°14	26°14	7°15	4°29	12°29	12°16	10°56	17°56	6°25	T 29
W30	4 34 44	7♊40'26	3♏41	18♌34	7♏51	25♏24	9♏19	26♌21	7♌19	4♊32	12♏29	12♌17	10♌53	18♏3	6♌28	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	14s20	7n33	2n36	23s18	2s52	21s 7	0s33	9n33	1n34	9s49	1s23	16s39	1n55	12s58	0n27	19s19	1n35	20s13	14s33	15s33	15s35	16n 6	12s17	6n51			
W 2	14 39	11 8	1 35	23 25	2 51	21 24	0 36	9 21	1 34	9 49	1 23	16 41	1 55	12 59	0 27	19 19	1 35	20 13	14 32	15 33	15 34	16 7	12 17	6 51			
T 3	14 58	14 16	0 31	23 29	2 48	21 41	0 39	9 8	1 35	9 49	1 23	16 43	1 55	13 0	0 27	19 20	1 35	20 13	14 32	15 33	15 33	16 8	12 17	6 50			
F 4	15 17	16 48	0s34	23 32	2 44	21 57	0 41	8 56	1 36	9 48	1 23	16 45	1 55	13 2	0 27	19 20	1 35	20 13	14 32	15 33	15 32	16 9	12 17	6 50			
S 5	15 35	18 38	1 39	23 32	2 39	22 12	0 44	8 43	1 36	9 48	1 23	16 47	1 55	13 3	0 27	19 21	1 35	20 13	14 32	15 33	15 31	16 10	12 17	6 49			
S 6	15 53	19 39	2 39	23 29	2 33	22 27	0 46	8 30	1 37	9 48	1 22	16 49	1 55	13 4	0 27	19 21	1 35	20 13	14 31	15 33	15 30	16 11	12 17	6 49			
M 7	16 11	19 48	3 32	23 23	2 26	22 41	0 49	8 18	1 37	9 47	1 22	16 50	1 55	13 5	0 27	19 21	1 35	20 12	14 31	15 33	15 29	16 12	12 17	6 48			
T 8	16 29	19 2	4 17	23 15	2 17	22 55	0 51	8 5	1 38	9 47	1 22	16 52	1 55	13 7	0 27	19 22	1 35	20 12	14 31	15 33	15 28	16 13	12 17	6 48			
W 9	16 46	17 23	4 51	23 3	2 7	23 7	0 54	7 53	1 38	9 46	1 22	16 54	1 55	13 8	0 27	19 22	1 35	20 12	14 30	15 33	15 27	16 14	12 18	6 47			
T 10	17 4	14 54	5 12	22 47	1 55	23 20	0 56	7 40	1 39	9 46	1 22	16 56	1 55	13 9	0 27	19 23	1 35	20 12	14 30	15 33	15 26	16 16	12 18	6 47			
F 11	17 20	11 38	5 18	22 29	1 41	23 31	0 59	7 27	1 39	9 45	1 21	16 58	1 55	13 10	0 27	19 23	1 35	20 12	14 30	15 33	15 25	16 17	12 18	6 46			
S 12	17 37	7 44	5 8	22 6	1 26	23 42	1 1	7 15	1 40	9 44	1 21	16 59	1 55	13 12	0 27	19 24	1 35	20 12	14 30	15 33	15 24	16 18	12 18	6 46			
S 13	17 53	3 19	4 41	21 40	1 9	23 52	1 4	7 2	1 41	9 43	1 21	17 1	1 55	13 13	0 27	19 24	1 34	20 12	14 29	15 33	15 23	16 19	12 18	6 45			
M14	18 9	1s24	3 56	21 10	0 51	24 1	1 6	6 50	1 41	9 42	1 21	17 3	1 55	13 14	0 27	19 24	1 34	20 12	14 29	15 33	15 22	16 20	12 18	6 45			
T 15	18 25	6 13	2 56	20 37	0 32	24 10	1 8	6 37	1 42	9 41	1 20	17 5	1 55	13 15	0 27	19 25	1 34	20 12	14 29	15 33	15 21	16 21	12 18	6 45			
W16	18 40	10 46	1 42	20 2	0 11	24 18	1 11	6 24	1 42	9 40	1 20	17 6	1 55	13 16	0 27	19 25	1 34	20 11	14 28	15 34	15 20	16 22	12 17	6 44			
T 17	18 55	14 44	0 20	19 24	0n 9	24 25	1 13	6 12	1 43	9 39	1 20	17 8	1 54	13 17	0 27	19 26	1 34	20 11	14 28	15 34	15 19	16 23	12 17	6 44			
F 18	19 10	17 45	1n 4	18 45	0 30	24 32	1 15	5 59	1 43	9 37	1 20	17 10	1 54	13 18	0 27	19 26	1 34	20 11	14 28	15 34	15 18	16 24	12 17	6 43			
S 19	19 24	19 29	2 23	18 6	0 50	24 37	1 17	5 47	1 44	9 36	1 19	17 12	1 54	13 20	0 27	19 27	1 34	20 11	14 27	15 33	15 17	16 25	12 17	6 43			
S 20	19 38	19 49	3 32	17 28	1 9	24 42	1 19	5 34	1 45	9 35	1 19	17 13	1 54	13 21	0 27	19 27	1 34	20 11	14 27	15 33	15 16	16 26	12 17	6 42			
M21	19 51	18 46	4 24	16 53	1 26	24 47	1 21	5 22	1 45	9 33	1 19	17 15	1 54	13 22	0 27	19 27	1 34	20 10	14 27	15 32	15 15	16 27	12 17	6 42			
T 22	20 5	16 34	4 59	16 20	1 42	24 50	1 23	5 9	1 46	9 32	1 19	17 17	1 54	13 23	0 27	19 28	1 34	20 10	14 27	15 32	15 14	16 28	12 17	6 41			
W23	20 18	13 29	5 15	15 52	1 56	24 53	1 25	4 57	1 46	9 30	1 19	17 19	1 54	13 25	0 27	19 28	1 34	20 10	14 26	15 31	15 13	16 29	12 16	6 41			
T 24	20 30	9 47	5 13	15 29	2 8	24 55	1 27	4 45	1 47	9 28	1 18	17 20	1 54	13 26	0 27	19 29	1 34	20 10	14 26	15 31	15 12	16 30	12 16	6 41			
F 25	20 42	5 45	4 56	15 10	2 18	24 56	1 29	4 32	1 47	9 26	1 18	17 22	1 54	13 27	0 27	19 29	1 34	20 9	14 26	15 30	15 11	16 31	12 16	6 40			
S 26	20 54	1 35	4 24	14 57	2 25	24 57	1 31	4 20	1 48	9 25	1 18	17 24	1 54	13 28	0 27	19 30	1 34	20 9	14 25	15 31	15 10	16 32	12 16	6 40			
S 27	21 5	2n34	3 41	14 49	2 31	24 56	1 33	4 8	1 49	9 23	1 18	17 25	1 54	13 29	0 27	19 30	1 34	20 9	14 25	15 31	15 9	16 33	12 15	6 39			
M28	21 16	6 33	2 49	14 45	2 35	24 55	1 34	3 55	1 49	9 21	1 18	17 27	1 54	13 30	0 27	19 30	1 34	20 8	14 25	15 31	15 8	16 34	12 15	6 39			
T 29	21 27	10 14	1 50	14 46	2 37	24 54	1 36	3 43	1 50	9 19	1 17	17 29	1 54	13 31	0 27	19 31	1 34	20 8	14 24	15 32	15 7	16 35	12 15	6 38			
W30	21s37	13n30	0n47	14s51	2n37	24s51	1s38	3n31	1n50	9s16	1s17	17s30	1n54	13s32	0n27	19s31	1n34	20s 8	14s24	15s32	15s 6	16n36	12s15	6n38			

ASTRODIENST EPHEMERIS for the year 1808
geocentric

DECEMBER 1808

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	4 38 41	8°41'17	15°28	19°12	9°35	25°56	9°24	26°28	7°22	4°34	12°29	12°18	10°50	18°10	6°31	T 1
F 2	4 42 38	9°42'09	27°17	19°39	10°19	26°27	9°30	26°35	7°25	4°36	12°30	12°17	10°47	18°16	6°35	F 2
S 3	4 46 34	10°43'02	9°11	20°22	11°33	26°59	9°35	26°42	7°29	4°38	12°30	12°14	10°43	18°23	6°38	S 3
S 4	4 50 31	11°43'57	21° 8	21°12	12°47	27°30	9°41	26°49	7°32	4°41	12°30	12°10	10°40	18°29	6°41	S 4
M 5	4 54 27	12°44'52	3°21	22° 6	14° 1	28° 2	9°47	26°56	7°35	4°43	12°30	12° 5	10°37	18°36	6°44	M 5
T 6	4 58 24	13°45'48	15°30	23° 6	15°15	28°33	9°54	27° 3	7°38	4°45	12°30	11°59	10°34	18°43	6°47	T 6
W 7	5 2 20	14°46'45	27°56	24°10	16°29	29° 4	10° 0	27°10	7°42	4°47	12°31	11°53	10°31	18°49	6°51	W 7
T 8	5 6 17	15°47'44	10°23	25°17	17°43	29°35	10° 6	27°17	7°45	4°50	12°31	11°48	10°28	18°56	6°54	T 8
F 9	5 10 14	16°48'43	23°26	26°27	18°57	0°16	10°13	27°24	7°48	4°52	12°31	11°44	10°24	19° 3	6°58	F 9
S 10	5 14 10	17°49'44	6°13	27°41	20°11	0°37	10°20	27°31	7°51	4°54	12°32	11°42	10°21	19° 9	7° 1	S 10
S 11	5 18 7	18°50'45	20° 1	28°56	21°24	1° 7	10°27	27°38	7°54	4°56	12°32	11°D41	10°18	19°16	7° 5	S 11
M12	5 22 3	19°51'48	3°24	0°14	22°38	1°38	10°34	27°45	7°57	4°59	12°32	11°42	10°15	19°23	7° 8	M12
T 13	5 26 0	20°52'52	17°54	1°33	23°52	2° 8	10°42	27°51	8° 0	5° 1	12°33	11°43	10°12	19°29	7°12	T 13
W14	5 29 56	21°53'57	2°22	2°54	25° 6	2°38	10°49	27°58	8° 3	5° 3	12°33	11°45	10° 9	19°36	7°16	W14
T 15	5 33 53	22°55'02	17° 6	4°16	26°19	3° 8	10°57	28° 5	8° 6	5° 5	12°34	11°R45	10° 5	19°43	7°19	T 15
F 16	5 37 49	23°56'09	2°13	5°39	27°33	3°38	11° 5	28°12	8° 9	5° 7	12°34	11°43	10° 2	19°49	7°23	F 16
S 17	5 41 46	24°57'16	17° 4	7° 4	28°47	4° 8	11°13	28°18	8°12	5° 9	12°34	11°40	9°59	19°56	7°27	S 17
S 18	5 45 43	25°58'24	2°31	8°29	0°10	4°37	11°21	28°25	8°15	5°12	12°35	11°34	9°56	20° 3	7°31	S 18
M19	5 49 39	26°59'33	16°45	9°55	1°14	5° 6	11°29	28°32	8°18	5°14	12°36	11°26	9°53	20° 9	7°34	M19
T 20	5 53 36	28° 0'41	1°18	11°22	2°28	5°35	11°37	28°38	8°20	5°16	12°36	11°19	9°49	20°16	7°38	T 20
W21	5 57 32	29° 1'50	15° 5	12°49	3°41	6° 4	11°46	28°45	8°23	5°18	12°37	11°11	9°46	20°22	7°42	W21
T 22	6 1 29	0°23'59	28°34	14°17	4°55	6°33	11°55	28°51	8°26	5°20	12°37	11° 5	9°43	20°29	7°46	T 22
F 23	6 5 25	1° 4'09	11°36	15°46	6° 8	7° 2	12° 4	28°58	8°28	5°22	12°38	11° 1	9°40	20°36	7°50	F 23
S 24	6 9 22	2° 5'18	24°12	17°15	7°21	7°30	12°13	29° 4	8°31	5°24	12°39	10°59	9°37	20°42	7°54	S 24
S 25	6 13 18	3° 6'27	6°12	18°44	8°35	7°58	12°22	29°10	8°34	5°26	12°39	10°D58	9°34	20°49	7°58	S 25
M26	6 17 15	4° 7'36	18°30	20°14	9°48	8°27	12°31	29°17	8°36	5°28	12°40	10°59	9°30	20°56	8° 3	M26
T 27	6 21 12	5° 8'45	0°21	21°44	11° 1	8°54	12°40	29°23	8°39	5°30	12°41	11° 1	9°27	21° 2	8° 7	T 27
W28	6 25 8	6° 9'54	12° 8	23°15	12°15	9°22	12°50	29°29	8°41	5°32	12°42	11°R 1	9°24	21° 9	8°11	W28
T 29	6 29 5	7°11'03	23°55	24°46	13°28	9°49	12°59	29°35	8°44	5°34	12°42	11° 0	9°21	21°16	8°15	T 29
F 30	6 33 1	8°12'12	5°14	26°18	14°41	10°17	13° 9	29°41	8°46	5°36	12°43	10°57	9°18	21°22	8°19	F 30
S 31	6 36 58	9°13'21	17°14	27°19	15°54	10°14	13°19	29°48	8°48	5°38	12°44	10°51	9°15	21°29	8°24	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	21s46	16n13	0s17	14s59	2n36	24s48	1s39	3n19	1n51	9s14	1s17	17s32	1n54	13s34	0n27	19s32	1n34	20s 8	14s24	15s32	15s 5	16n37	12s14	6n38
F 2	21 56	18 15	1 22	15 11	2 35	24 44	1 41	3 7	1 51	9 12	1 17	17 34	1 54	13 35	0 27	19 32	1 34	20 7	14 23	15 32	15 4	16 38	12 14	6 37
S 3	22 4	19 30	2 22	15 25	2 32	24 39	1 42	2 55	1 52	9 10	1 16	17 35	1 54	13 36	0 27	19 32	1 34	20 7	14 23	15 31	15 3	16 39	12 13	6 37
S 4	22 13	19 53	3 17	15 42	2 28	24 34	1 43	2 43	1 53	9 7	1 16	17 37	1 54	13 37	0 27	19 33	1 34	20 7	14 23	15 30	15 2	16 40	12 13	6 36
M 5	22 21	19 22	4 4	16 0	2 23	24 27	1 45	2 31	1 53	9 5	1 16	17 38	1 54	13 38	0 27	19 33	1 34	20 6	14 22	15 29	15 1	16 41	12 13	6 36
T 6	22 28	17 56	4 40	16 20	2 18	24 21	1 46	2 19	1 54	9 2	1 16	17 40	1 54	13 39	0 27	19 34	1 34	20 6	14 22	15 27	15 0	16 42	12 12	6 36
W 7	22 36	15 39	5 3	16 41	2 13	24 13	1 47	2 7	1 54	9 0	1 16	17 41	1 54	13 40	0 27	19 34	1 34	20 5	14 22	15 25	14 59	16 43	12 12	6 35
T 8	22 42	12 36	5 12	17 3	2 6	24 4	1 48	1 55	1 55	8 57	1 15	17 43	1 54	13 41	0 27	19 34	1 34	20 5	14 22	15 23	14 58	16 44	12 11	6 35
F 9	22 48	8 54	5 6	17 26	2 0	23 55	1 49	1 44	1 56	8 54	1 15	17 45	1 54	13 42	0 27	19 35	1 34	20 5	14 21	15 22	14 57	16 45	12 11	6 35
S 10	22 54	4 43	4 43	17 49	1 53	23 45	1 50	1 32	1 56	8 51	1 15	17 46	1 54	13 43	0 27	19 35	1 34	20 4	14 21	15 21	14 56	16 46	12 10	6 34
S 11	23 0	0 12	4 5	18 13	1 46	23 35	1 51	1 20	1 57	8 49	1 15	17 48	1 54	13 44	0 27	19 36	1 34	20 4	14 21	15 21	14 55	16 47	12 10	6 34
M12	23 4	4s27	3 12	18 37	1 39	23 24	1 52	1 9	1 57	8 46	1 15	17 49	1 54	13 45	0 27	19 36	1 34	20 3	14 20	15 22	14 54	16 48	12 9	6 34
T 13	23 9	8 59	2 6	19 0	1 31	23 12	1 52	0 57	1 58	8 43	1 14	17 51	1 54	13 46	0 27	19 36	1 34	20 3	14 20	15 22	14 53	16 49	12 9	6 33
W14	23 13	13 6	0 51	19 23	1 24	22 59	1 53	0 46	1 59	8 40	1 14	17 52	1 54	13 47	0 27	19 37	1 34	20 2	14 20	15 22	14 52	16 50	12 8	6 33
T 15	23 16	16 30	0n29	19 46	1 16	22 46	1 53	0 35	1 59	8 37	1 14	17 54	1 54	13 48	0 27	19 37	1 34	20 2	14 19	15 22	14 51	16 51	12 8	6 33
F 16	23 19	18 50	1 48	20 9	1 8	22 32	1 54	0 23	2 0	8 33	1 14	17 55	1 54	13 49	0 27	19 38	1 34	20 2	14 19	15 22	14 50	16 52	12 7	6 32
S 17	23 22	19 51	3 0	20 31	1 1	22 17	1 54	0 12	2 1	8 30	1 14	17 56	1 55	13 50	0 27	19 38	1 34	20 1	14 19	15 21	14 49	16 53	12 6	6 32
S 18	23 24	19 28	3 59	20 52	0 53	22 2	1 54	0 1	2 1	8 27	1 13	17 58	1 55	13 51	0 27	19 38	1 34	20 1	14 18	15 19	14 48	16 54	12 6	6 32
M19	23 26	17 46	4 41	21 13	0 45	21 46	1 55	0s10	2 2	8 24	1 13	17 59	1 55	13 51	0 27	19 39	1 34	20 0	14 18	15 17	14 47	16 55	12 5	6 31
T 20	23 27	14 59	5 4	21 33	0 37	21 30	1 55	0 21	2 2	8 20	1 13	18 1	1 55	13 52	0 27	19 39	1 34	20 0	14 18	15 14	14 46	16 56	12 4	6 31
W21	23 27	11 25	5 8	21 52	0 30	21 12	1 55	0 32	2 3	8 17	1 13	18 2	1 55	13 53	0 27	19 39	1 35	19 59	14 18	15 12	14 45	16 57	12 4	6 31
T 22	23 28	7 23	4 54	22 10	0 22	20 55	1 55	0 43	2 4	8 13	1 13	18 3	1 55	13 54	0 27	19 40	1 35	19 59	14 17	15 10	14 44	16 58	12 3	6 30
F 23	23 27	3 7	4 26	22 27	0 15	20 36	1 55	0 53	2 4	8 10	1 13	18 5	1 55	13 55	0 27	19 40	1 35	19 58	14 17	15 9	14 43	16 58	12 2	6 30
S 24	23 27	1n 9	3 45	22 44	0 7	20 18	1 54	1 4	2 5	8 6	1 12	18 6	1 55	13 56	0 27	19 40	1 35	19 58	14 17	15 8	14 42	16 59	12 1	6 30
S 25	23 26	5 15	2 55	22 59	0s 0	19 58	1 54	1 15	2 6	8 2	1 12	18 7	1 55	13 57	0 27	19 41	1 35	19 57	14 16	15 8	14 41	17 0	12 1	6 30
M26	23 24	9 5	1 58	23 13	0 7	19 38	1 54	1 25	2 6	7 59	1 12	18 9	1 55	13 57	0 27	19 41	1 35	19 56	14 16	15 8	14 40	17 1	12 0	6 29
T 27	23 22	12 30	0 57	23 27	0 14	19 18	1 53	1 35	2 7	7 55	1 12	18 10	1 55	13 58	0 27	19 41	1 35	19 56	14 16	15 9	14 39	17 2	11 59	6 29
W28	23 19	15 24	0s 6	23 39	0 21	18 57	1 53	1 46	2 8	7 51	1 12	18 11	1 55	13 59	0 27	19 42	1 35	19 55	14 16	15 9	14 38	17 3	11 58	6 29
T 29	23 16	17 39	1 9	23 50	0 28	18 35	1 52	1 56	2 8	7 47	1 12	18 12	1 55	14 0	0 27	19 42	1 35	19 55	14 15	15 8	14 37	17 4	11 58	6 29
F 30	23 12	19 10	2 9	23 59	0 35	18 13	1 51	2 6	2 9	7 43	1 11	18 14	1 55	14 0	0 27	19 42	1 35	19 54	14 15	15 7	14 36	17 5	11 57	6 28
S 31	23s 8	19n51	3s 4	24s 8	0s41	17s50	1s50	2s16	2n 9	7s39	1s11	18s15	1n55	14s 1	0n27	19s43	1n35	19s54	14s15	15s 6	14s35	17n 6	11s56	6n28