



# Astrodienst Ephemeris Tables for the year 1908

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 1908  
geocentric

JANUARY 1908

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	6 37 1	9°31'04.0	29°11' 7	1°31'18	5°45'45	22°11'50	12°18' 5	21°11'52	12°33'36	13°13'36	23°13'30	14°14'17	14°14'28	29°14'44	15°15'32	W 1
T 2	6 40 58	10°11'52	13°11'38	2°52' 0	7° 0' 0	23°32' 0	11°11'59	21°21'06	12°40' 0	13°13'35	23°11'29	14°14'17	14°14'25	29°15'51	15°15'36	T 2
F 3	6 44 54	11°13'03	28°29' 0	4°26' 0	8°15' 0	24°14' 0	11°11'53	22°22' 0	12°43' 0	13°13'33	23°23'27	14°14'16	14°14'22	29°15'57	15°15'39	F 3
S 4	6 48 51	12°14'14	13°11'35	6° 1' 0	9°29' 0	24°57' 0	11°11'47	22°22' 0	12°47' 0	13°13'31	23°23'26	14°14'16	14°14'19	0°14' 4	15°15'43	S 4
S 5	6 52 48	13°15'26	28°45' 0	7°35' 0	10°44' 0	25°39' 0	11°11'41	22°22' 8	12°50' 0	13°13'29	23°23'25	14°14'16	14°14'16	0°11' 0	15°15'47	S 5
M 6	6 56 44	14°16'37	13°11'52	9°11' 0	11°58' 0	26°21' 0	11°11'35	22°22'12	12°54' 0	13°13'28	23°23'24	14°14'16	14°14'13	0°17' 0	15°15'51	M 6
T 7	7 0 41	15°17'48	28°45' 0	10°46' 0	13°13' 0	27° 3' 0	11°11'28	22°22'16	12°58' 0	13°13'26	23°23'23	14°14'16	14°14' 9	0°24' 0	15°15'55	T 7
W 8	7 4 37	16°18'58	13°11'18	12°22' 0	14°27' 0	27°45' 0	11°11'21	22°22'21	13° 1' 0	13°13'24	23°23'22	14°14'16	14°14' 6	0°31' 0	15°15'59	W 8
T 9	7 8 34	17°20'08	27°27' 0	13°59' 0	15°41' 0	28°27' 0	11°11'15	22°22'25	13° 5' 0	13°13'23	23°23'21	14°14'16	14°14' 3	0°37' 0	16° 3' 0	T 9
F 10	7 12 30	18°21'18	11°11'11	15°36' 0	16°56' 0	29°10' 0	11°11' 8	22°23'30	13° 8' 0	13°13'21	23°23'20	14°14'16	14°14' 0	0°44' 0	16° 7' 0	F 10
S 11	7 16 27	19°22'26	24°31' 0	17°13' 0	18°10' 0	29°52' 0	11°11' 1	22°23'34	13°12' 0	13°13'19	23°23'19	14°14'16	13°13'57	0°50' 0	16°11' 0	S 11
S 12	7 20 23	20°23'35	7°11'28	18°50' 0	19°24' 0	0°11'34	10°10'54	22°23'39	13°16' 0	13°13'18	23°23'18	14°14'16	13°13'53	0°57' 0	16°15' 0	S 12
M13	7 24 20	21°24'42	20° 6' 0	20°29' 0	20°39' 0	1°16' 0	10°10'47	22°24'44	13°19' 0	13°13'16	23°23'17	14°14'17	13°13'50	1° 4' 0	16°20' 0	M13
T 14	7 28 17	22°25'49	2°11'29	22° 7' 0	21°53' 0	1°58' 0	10°10'40	22°24'48	13°23' 0	13°13'14	23°23'16	14°14'17	13°13'47	1°10' 0	16°24' 0	T 14
W15	7 32 13	23°26'56	14°38' 0	23°46' 0	23° 7' 0	2°41' 0	10°10'32	22°25'53	13°26' 0	13°13'13	23°23'15	14°14'18	13°13'44	1°17' 0	16°28' 0	W15
T 16	7 36 10	24°28'02	26°39' 0	25°26' 0	24°21' 0	3°23' 0	10°10'25	22°25'58	13°30' 0	13°13'11	23°23'14	14°14'19	13°13'41	1°24' 0	16°32' 0	T 16
F 17	7 40 6	25°29'07	8°11'33	27° 6' 0	25°35' 0	4° 5' 0	10°10'17	23° 3' 0	13°33' 0	13° 9' 0	23°23'13	14°14'20	13°13'38	1°30' 0	16°36' 0	F 17
S 18	7 44 3	26°30'12	20°23' 0	28°47' 0	26°49' 0	4°47' 0	10°10'10	23° 9' 0	13°37' 0	13° 8' 0	23°23'12	14°14'20	13°13'34	1°37' 0	16°40' 0	S 18
S 19	7 47 59	27°31'16	2°11'21	0°11'28	28° 3' 0	5°29' 0	10°10' 2	23°14' 0	13°40' 0	13° 6' 0	23°23'11	14°14'19	13°13'31	1°44' 0	16°45' 0	S 19
M20	7 51 56	28°32'20	14° 0' 0	2°10' 0	29°17' 0	6°11' 0	9°55' 0	23°19' 0	13°44' 0	13° 4' 0	23°23'10	14°14'18	13°13'28	1°50' 0	16°49' 0	M20
T 21	7 55 53	29°33'23	25°51' 0	3°52' 0	0°11'31	6°53' 0	9°47' 0	23°24' 0	13°47' 0	13° 3' 0	23° 9' 0	14°14'16	13°13'25	1°57' 0	16°53' 0	T 21
W22	7 59 49	0°11'34	25° 7' 0	5°34' 0	1°45' 0	7°35' 0	9°39' 0	23°30' 0	13°51' 0	13° 1' 0	23° 8' 0	14°14'13	13°13'22	2° 4' 0	16°58' 0	W22
T 23	8 3 46	1°35'27	19°49' 0	7°18' 0	2°59' 0	8°17' 0	9°31' 0	23°35' 0	13°54' 0	13° 0' 0	23° 7' 0	14°14'10	13°13'19	2°10' 0	17° 2' 0	T 23
F 24	8 7 42	2°36'28	2°11' 0	9° 1' 0	4°13' 0	9° 0' 0	9°23' 0	23°41' 0	13°58' 0	12°58' 0	23° 6' 0	14°14' 8	13°13'15	2°17' 0	17° 6' 0	F 24
S 25	8 11 39	3°37'29	14°27' 0	10°45' 0	5°27' 0	9°42' 0	9°15' 0	23°46' 0	14° 1' 0	12°56' 0	23° 5' 0	14°14' 6	13°13'12	2°24' 0	17°11' 0	S 25
S 26	8 15 35	4°38'29	27°10' 0	12°29' 0	6°40' 0	10°24' 0	9° 7' 0	23°52' 0	14° 4' 0	12°55' 0	23° 5' 0	14°14' 4	13°13' 9	2°30' 0	17°15' 0	S 26
M27	8 19 32	5°39'28	10°11'12	14°14' 0	7°54' 0	11° 6' 0	8°59' 0	23°58' 0	14° 8' 0	12°53' 0	23° 4' 0	14°14' 4	13°13' 6	2°37' 0	17°19' 0	M27
T 28	8 23 28	6°40'27	23°38' 0	15°58' 0	9° 8' 0	11°48' 0	8°51' 0	24° 4' 0	14°11' 0	12°52' 0	23° 3' 0	14°14' 5	13°13' 3	2°44' 0	17°24' 0	T 28
W29	8 27 25	7°41'26	7°11'29	17°43' 0	10°21' 0	12°30' 0	8°43' 0	24° 9' 0	14°15' 0	12°50' 0	23° 2' 0	14°14' 6	12°59' 0	2°50' 0	17°28' 0	W29
T 30	8 31 21	8°42'24	21°46' 0	19°27' 0	11°35' 0	13°12' 0	8°35' 0	24°15' 0	14°18' 0	12°49' 0	23° 1' 0	14°14' 8	12°56' 0	2°57' 0	17°32' 0	T 30
F 31	8 35 18	9°43'21	6°11'26	21°11'12	12°11'48	13°11'54	8°11'27	24°11'21	14°11'21	12°47' 0	23°11' 0	14°14' 9	12°55' 0	3°11' 4	17°37' 0	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	23s 8	16s18	3n46	24s30	1s 3	20s29	1s41	3s19	0s31	17n51	0n42	5s15	2s12	23s13	0s22	21n55	0s51	15n39	7s39	22n41	22n40	21n33	10s14	6n13					
T 2	23 4	19 46	2 42	24 34	1 9	20 10	1 42	3 1	0 29	17 53	0 42	5 13	2 11	23 12	0 22	21 55	0 51	15 39	7 39	22 41	22 40	21 32	10 14	6 13					
F 3	22 59	22 0	1 27	24 37	1 14	19 51	1 42	2 43	0 28	17 55	0 43	5 11	2 11	23 12	0 22	21 55	0 51	15 39	7 39	22 41	22 41	21 31	10 13	6 13					
S 4	22 53	22 42	0 4	24 38	1 20	19 32	1 42	2 25	0 27	17 57	0 43	5 9	2 11	23 12	0 22	21 55	0 51	15 39	7 39	22 41	22 41	21 31	10 12	6 12					
S 5	22 47	21 43	1s20	24 39	1 25	19 12	1 43	2 7	0 25	17 59	0 43	5 8	2 11	23 11	0 22	21 56	0 51	15 39	7 39	22 41	22 41	21 30	10 11	6 12					
M 6	22 41	19 11	2 37	24 37	1 29	18 51	1 43	1 49	0 24	18 1	0 43	5 6	2 11	23 11	0 22	21 56	0 51	15 39	7 39	22 41	22 42	21 30	10 10	6 12					
T 7	22 34	15 24	3 43	24 34	1 34	18 30	1 43	1 31	0 23	18 3	0 43	5 4	2 11	23 11	0 22	21 56	0 51	15 39	7 38	22 41	22 42	21 29	10 9	6 12					
W 8	22 27	10 46	4 33	24 30	1 38	18 8	1 43	1 14	0 22	18 5	0 44	5 2	2 10	23 10	0 22	21 56	0 51	15 39	7 38	22 41	22 42	21 28	10 8	6 11					
T 9	22 20	5 40	5 5	24 25	1 42	17 46	1 43	0 56	0 21	18 7	0 44	5 0	2 10	23 10	0 22	21 56	0 51	15 39	7 38	22 41	22 43	21 28	10 7	6 11					
F 10	22 12	0 27	5 18	24 18	1 46	17 24	1 42	0 38	0 19	18 9	0 44	4 58	2 10	23 10	0 22	21 57	0 51	15 39	7 38	22 41	22 43	21 27	10 6	6 11					
S 11	22 3	4n39	5 13	24 9	1 49	17 1	1 42	0 20	0 18	18 11	0 44	4 56	2 10	23 9	0 22	21 57	0 51	15 39	7 38	22 41	22 43	21 27	10 5	6 11					
S 12	21 54	9 24	4 52	23 59	1 53	16 37	1 42	0 2	0 17	18 13	0 44	4 54	2 10	23 9	0 22	21 57	0 51	15 40	7 38	22 41	22 44	21 26	10 4	6 11					
M13	21 45	13 38	4 18	23 47	1 55	16 13	1 41	0n16	0 16	18 15	0 44	4 52	2 10	23 9	0 22	21 57	0 50	15 40	7 38	22 41	22 44	21 25	10 3	6 10					
T 14	21 35	17 12	3 32	23 34	1 58	15 49	1 41	0 34	0 15	18 17	0 45	4 50	2 9	23 8	0 22	21 57	0 50	15 40	7 38	22 41	22 44	21 25	10 2	6 10					
W15	21 25	19 57	2 38	23 20	2 0	15 24	1 40	0 52	0 13	18 19	0 45	4 48	2 9	23 8	0 22	21 57	0 50	15 40	7 37	22 41	22 45	21 24	10 1	6 10					
T 16	21 14	21 48	1 37	23 4	2 2	14 58	1 39	1 9	0 12	18 22	0 45	4 46	2 9	23 8	0 22	21 58	0 50	15 40	7 37	22 41	22 45	21 23	10 0	6 10					
F 17	21 3	22 38	0 32	22 46	2 3	14 33	1 39	1 27	0 11	18 24	0 45	4 44	2 9	23 7	0 22	21 58	0 50	15 40	7 37	22 41	22 45	21 23	9 59	6 10					
S 18	20 52	22 27	0n34	22 27	2 5	14 7	1 38	1 45	0 10	18 26	0 45	4 42	2 9	23 7	0 22	21 58	0 50	15 40	7 37	22 41	22 45	21 22	9 58	6 9					
S 19	20 40	21 16	1 37	22 6	2 5	13 40	1 37	2 3	0 9	18 28	0 45	4 40	2 9	23 6	0 22	21 58	0 50	15 40	7 37	22 41	22 46	21 21	9 57	6 9					
M20	20 28	19 9	2 37	21 44	2 6	13 13	1 36	2 20	0 8	18 30	0 46	4 37	2 9	23 6	0 22	21 58	0 50	15 40	7 37	22 41	22 46	21 21	9 56	6 9					
T 21	20 15	16 12	3 30	21 20	2 5	12 46	1 35	2 38	0 7	18 33	0 46	4 35	2 8	23 6	0 22	21 59	0 50	15 40	7 37	22 41	22 46	21 20	9 55	6 9					
W22	20 2	12 35	4 14	20 54	2 5	12 19	1 34	2 56	0 6	18 35	0 46	4 33	2 8	23 5	0 22	21 59	0 50	15 40	7 36	22 42	22 47	21 19	9 54	6 9					
T 23	19 49	8 27	4 48	20 27	2 4	11 51	1 32	3 13	0 5	18 37	0 46	4 31	2 8	23 5	0 22	21 59	0 50	15 41	7 36	22 42	22 47	21 19	9 52	6 9					
F 24	19 35	3 55	5 9	19 58	2 2	11 23	1 31	3 31	0 4	18 39	0 46	4 28	2 8	23 5	0 22	21 59	0 50	15 41	7 36	22 42	22 47	21 18	9 51	6 9					
S 25	19 21	0s51	5 16	19 28	2 0	10 55	1 30	3 48	0 3	18 42	0 46	4 26	2 8	23 4	0 22	21 59	0 50	15 41	7 36	22 42	22 48	21 17	9 50	6 8					
S 26	19 7	5 41	5 8	18 57	1 57	10 26	1 28	4 6	0 2	18 44	0 46	4 24	2 8	23 4	0 22	21 59	0 50	15 41	7 36	22 42	22 48	21 16	9 49	6 8					
M27	18 52	10 23	4 44	18 23	1 54	9 57	1 27	4 23	0 1	18 46	0 47	4 21	2 8	23 4	0 22	22 0	0 50	15 41	7 36	22 42	22 48	21 16	9 48	6 8					
T 28	18 37	14 45	4 4	17 49	1 50	9 28	1 25	4 40	0n 0	18 48	0 47	4 19	2 8	23 3	0 22	22 0	0 50	15 41	7 35	22 42	22 49	21 15	9 47	6 8					
W29	18 21	18 28	3 9	17 13	1 46	8 58	1 23	4 58	0 1	18 50	0 47	4 16	2 7	23 3	0 22	22 0	0 50	15 41	7 35	22 42	22 49	21 14	9 45	6 8					
T 30	18 6	21 12	2 0	16 35	1 41	8 29	1 22	5 15	0 2	18 53	0 47	4 14	2 7	23 3	0 22	22 0	0 50	15 41	7 35	22 42	22 49	21 14	9 44	6 8					
F 31	17s49	22s35	0n42	15s57	1s35	7s59	1s20	5n32	0n 3	18n55	0n47	4s11	2s 7	23s 2	0s22	22n 0	0s50	15n42	7s35	22n42	22n50	21n13	9s43	6n 8					

# ASTRODIENST EPHEMERIS for the year 1908

## geocentric

FEBRUARY 1908

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 39 15	10 <sup>44</sup> 17	21 <sup>3</sup> 27	22 <sup>5</sup> 56	14 <sup>1</sup> 2	14 <sup>1</sup> 36	8°R19	24 <sup>1</sup> 27	14 <sup>3</sup> 25	12°R46	23°R 0	14°R 9	12 <sup>5</sup> 50	3 <sup>1</sup> 10	17 <sup>3</sup> 41	S 1
S 2	8 43 11	11°45'13	6 <sup>3</sup> 39	24°39	15°15	15°18	8 <sup>1</sup> 11	24°33	14°28	12 <sup>5</sup> 44	22 <sup>1</sup> 59	14 <sup>5</sup> 8	12°47	3°17	17°46	S 2
M 3	8 47 8	12°46'07	21°53	26°21	16°29	16° 0	8° 3	24°40	14°31	12°43	22°58	14° 5	12°44	3°24	17°50	M 3
T 4	8 51 4	13°47'00	7 <sup>1</sup> 0	28° 2	17°42	16°41	7°55	24°46	14°34	12°41	22°58	14° 1	12°40	3°30	17°55	T 4
W 5	8 55 1	14°47'52	21°49	29°42	18°55	17°23	7°47	24°52	14°38	12°40	22°57	13°56	12°37	3°37	17°59	W 5
T 6	8 58 57	15°48'42	6 <sup>1</sup> 14	1 <sup>1</sup> 20	20° 8	18° 5	7°40	24°58	14°41	12°39	22°56	13°52	12°34	3°43	18° 3	T 6
F 7	9 2 54	16°49'31	20°11	2°55	21°21	18°47	7°32	25° 5	14°44	12°37	22°56	13°48	12°31	3°50	18° 8	F 7
S 8	9 6 50	17°50'18	3 <sup>1</sup> 39	4°27	22°34	19°29	7°24	25°11	14°47	12°36	22°55	13°45	12°28	3°57	18°12	S 8
S 9	9 10 47	18°51'04	16°40	5°55	23°47	20°11	7°16	25°18	14°50	12°35	22°54	13°D44	12°25	4° 3	18°17	S 9
M10	9 14 44	19°51'49	29°17	7°20	25° 0	20°53	7° 9	25°24	14°53	12°33	22°54	13°45	12°21	4°10	18°21	M10
T 11	9 18 40	20°52'31	11 <sup>1</sup> 35	8°39	26°13	21°34	7° 1	25°31	14°57	12°32	22°53	13°46	12°18	4°17	18°26	T 11
W12	9 22 37	21°53'12	23°39	9°53	27°26	22°16	6°53	25°37	15° 0	12°31	22°53	13°48	12°15	4°23	18°30	W12
T 13	9 26 33	22°53'52	5 <sup>1</sup> 32	11° 1	28°39	22°58	6°46	25°44	15° 3	12°30	22°52	13°49	12°12	4°30	18°34	T 13
F 14	9 30 30	23°54'30	17°21	12° 2	29°51	23°40	6°39	25°51	15° 6	12°29	22°52	13°R49	12° 9	4°37	18°39	F 14
S 15	9 34 26	24°55'06	29° 8	12°55	1 <sup>1</sup> 4	24°21	6°31	25°57	15° 9	12°27	22°51	13°48	12° 5	4°43	18°43	S 15
S 16	9 38 23	25°55'41	10 <sup>1</sup> 56	13°39	2°16	25° 3	6°24	26° 4	15°11	12°26	22°51	13°45	12° 2	4°50	18°48	S 16
M17	9 42 20	26°56'14	22°48	14°15	3°29	25°45	6°17	26°11	15°14	12°25	22°50	13°39	11°59	4°57	18°52	M17
T 18	9 46 16	27°56'46	4 <sup>1</sup> 46	14°41	4°41	26°26	6°10	26°18	15°17	12°24	22°50	13°32	11°56	5° 3	18°56	T 18
W19	9 50 13	28°57'16	16°51	14°58	5°53	27° 8	6° 3	26°25	15°20	12°23	22°49	13°23	11°53	5°10	19° 1	W19
T 20	9 54 9	29°57'44	29° 5	15°R 4	7° 5	27°50	5°56	26°32	15°23	12°22	22°49	13°14	11°50	5°17	19° 5	T 20
F 21	9 58 6	0 <sup>1</sup> 58'11	11 <sup>1</sup> 28	15° 0	8°17	28°31	5°50	26°39	15°26	12°21	22°49	13° 5	11°46	5°23	19° 9	F 21
S 22	10 2 2	1°58'37	24° 3	14°45	9°29	29°13	5°43	26°46	15°28	12°20	22°48	12°58	11°43	5°30	19°14	S 22
S 23	10 5 59	2°59'01	6 <sup>1</sup> 50	14°22	10°41	29°54	5°37	26°53	15°31	12°19	22°48	12°52	11°40	5°37	19°18	S 23
M24	10 9 55	3°59'24	19°53	13°49	11°53	0 <sup>1</sup> 36	5°30	27° 0	15°34	12°18	22°48	12°49	11°37	5°43	19°22	M24
T 25	10 13 52	4°59'46	3 <sup>1</sup> 13	13° 7	13° 4	1°17	5°24	27° 7	15°36	12°17	22°48	12°D48	11°34	5°50	19°27	T 25
W26	10 17 48	6° 0'06	16°53	12°19	14°16	1°58	5°18	27°14	15°39	12°16	22°47	12°49	11°30	5°57	19°31	W26
T 27	10 21 45	7° 0'25	0 <sup>1</sup> 54	11°25	15°27	2°40	5°12	27°21	15°42	12°15	22°47	12°50	11°27	6° 3	19°35	T 27
F 28	10 25 42	8° 0'42	15°16	10°26	16°39	3°21	5° 7	27°28	15°44	12°15	22°47	12°R50	11°24	6°10	19°40	F 28
S 29	10 29 38	9 <sup>1</sup> 0'58	29 <sup>1</sup> 58	9 <sup>1</sup> 24	17 <sup>1</sup> 50	4 <sup>1</sup> 3	5 <sup>1</sup> 1	27 <sup>1</sup> 35	15 <sup>1</sup> 47	12 <sup>1</sup> 14	22 <sup>1</sup> 47	12 <sup>1</sup> 49	11 <sup>1</sup> 21	6 <sup>1</sup> 17	19 <sup>1</sup> 44	S 29

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s33	22s24	0s40	15s17	1s29	7s29	1s18	5n49	0n 4	18n57	0n47	4s 9	2s 7	23s 2	0s22	22n 0	0s50
S 2	17 16	20 34	2 1	14 36	1 22	6 59	1 16	6 6	0 5	18 59	0 47	4 6	2 7	23 2	0 22	22 1	0 50
M 3	16 59	17 15	3 13	13 54	1 14	6 28	1 14	6 23	0 6	19 1	0 47	4 4	2 7	23 1	0 22	22 1	0 50
T 4	16 42	12 49	4 10	13 11	1 6	5 58	1 11	6 40	0 7	19 4	0 47	4 1	2 7	23 1	0 22	22 1	0 50
W 5	16 24	7 41	4 50	12 28	0 56	5 27	1 9	6 57	0 8	19 6	0 48	3 59	2 7	23 1	0 22	22 1	0 50
T 6	16 6	2 16	5 10	11 44	0 46	4 56	1 7	7 14	0 9	19 8	0 48	3 56	2 7	23 0	0 22	22 1	0 50
F 7	15 48	3n 5	5 11	10 59	0 35	4 25	1 5	7 31	0 10	19 10	0 48	3 53	2 6	23 0	0 22	22 1	0 50
S 8	15 30	8 7	4 54	10 15	0 24	3 54	1 2	7 48	0 11	19 12	0 48	3 51	2 6	23 0	0 22	22 1	0 50
S 9	15 11	12 37	4 23	9 31	0 11	3 23	1 0	8 4	0 12	19 14	0 48	3 48	2 6	22 59	0 22	22 2	0 50
M10	14 52	16 26	3 40	8 48	0n 2	2 51	0 57	8 21	0 13	19 16	0 48	3 45	2 6	22 59	0 22	22 2	0 50
T 11	14 33	19 26	2 47	8 5	0 15	2 20	0 54	8 37	0 13	19 18	0 48	3 43	2 6	22 59	0 22	22 2	0 50
W12	14 13	21 30	1 48	7 24	0 30	1 49	0 52	8 54	0 14	19 20	0 48	3 40	2 6	22 58	0 22	22 2	0 50
T 13	13 53	22 35	0 45	6 45	0 45	1 17	0 49	9 10	0 15	19 22	0 48	3 37	2 6	22 58	0 22	22 2	0 50
F 14	13 33	22 39	0n19	6 8	1 0	0 46	0 46	9 26	0 16	19 24	0 48	3 35	2 6	22 58	0 22	22 2	0 50
S 15	13 13	21 41	1 22	5 33	1 16	0 14	0 43	9 42	0 17	19 26	0 48	3 32	2 6	22 57	0 22	22 2	0 50
S 16	12 53	19 46	2 22	5 1	1 32	0n17	0 40	9 59	0 18	19 28	0 48	3 29	2 6	22 57	0 22	22 3	0 50
M17	12 32	17 0	3 15	4 33	1 47	0 49	0 37	10 14	0 18	19 30	0 48	3 26	2 6	22 57	0 22	22 3	0 50
T 18	12 12	13 30	4 1	4 8	2 3	1 20	0 34	10 30	0 19	19 31	0 49	3 24	2 6	22 56	0 22	22 3	0 50
W19	11 51	9 25	4 36	3 48	2 19	1 52	0 31	10 46	0 20	19 33	0 49	3 21	2 5	22 56	0 22	22 3	0 50
T 20	11 29	4 56	4 58	3 32	2 33	2 23	0 28	11 2	0 21	19 35	0 49	3 18	2 5	22 56	0 22	22 3	0 50
F 21	11 8	0 11	5 7	3 21	2 47	2 55	0 24	11 17	0 22	19 37	0 49	3 15	2 5	22 56	0 22	22 3	0 50
S 22	10 47	4s39	5 2	3 14	3 0	3 26	0 21	11 33	0 22	19 38	0 49	3 12	2 5	22 55	0 22	22 3	0 50
S 23	10 25	9 22	4 41	3 13	3 12	3 58	0 18	11 48	0 23	19 40	0 49	3 9	2 5	22 55	0 22	22 4	0 49
M24	10 3	13 46	4 6	3 16	3 22	4 29	0 14	12 4	0 24	19 41	0 49	3 7	2 5	22 55	0 22	22 4	0 49
T 25	9 41	17 36	3 17	3 24	3 30	5 0	0 11	12 19	0 25	19 43	0 49	3 4	2 5	22 54	0 22	22 4	0 49
W26	9 19	20 34	2 15	3 36	3 37	5 31	0 7	12 34	0 25	19 44	0 49	3 1	2 5	22 54	0 22	22 4	0 49
T 27	8 57	22 23	1 4	3 53	3 41	6 2	0 4	12 49	0 26	19 46	0 49	2 58	2 5	22 54	0 22	22 4	0 49
F 28	8 34	22 48	0s13	4 13	3 43	6 33	0 0	13 4	0 27	19 47	0 49	2 55	2 5	22 54	0 22	22 4	0 49
S 29	8s12	21s39	1s31	4s36	3n43	7n 3	0n 3	13n18	0n28	19n49	0n49	2s52	2s 5	22s53	0s22	22n 4	0s49

Julian Day Number = 2417972.5, Delta T = 8.79 sec  
 Ecliptic obliquity = 23°27'02, Nutation = - 0°00'15, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°27'24, Lahiri = 22°34'24

# ASTRODIENST EPHEMERIS for the year 1908

## geocentric

MARCH 1908

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 33 35	10°12'	14°53'	8°R21	19°V 1	4°R44	4°R56	27°H43	15°Z49	12°R13	22°R47	12°R45	11°E18	6°L23	19°W48	S 1	
M 2	10 37 31	11° 1'25	29°57'	7°H18	20°12	5°25	4°L50	27°50	15°52	12°E12	22°H46	12°E39	11°15	6°30	19°52	M 2	
T 3	10 41 28	12° 1'36	14°H58	6°16	21°23	6° 6	4°45	27°57	15°54	12°12	22°46	12°31	11°11	6°37	19°56	T 3	
W 4	10 45 24	13° 1'44	29°48	5°18	22°34	6°48	4°40	28° 4	15°56	12°11	22°46	12°21	11° 8	6°43	20° 1	W 4	
T 5	10 49 21	14° 1'51	14°V18	4°23	23°45	7°29	4°35	28°12	15°59	12°10	22°46	12°11	11° 5	6°50	20° 5	T 5	
F 6	10 53 17	15° 1'56	28°22	3°33	24°55	8°10	4°31	28°19	16° 1	12°10	22°46	12° 2	11° 2	6°57	20° 9	F 6	
S 7	10 57 14	16° 1'59	11°H58	2°49	26° 6	8°51	4°26	28°26	16° 3	12° 9	22°D46	11°55	10°59	7° 3	20°13	S 7	
S 8	11 1 11	17° 2'00	25° 5	2°11	27°16	9°32	4°22	28°34	16° 5	12° 9	22°46	11°51	10°56	7°10	20°17	S 8	
M 9	11 5 7	18° 1'58	7°H46	1°39	28°26	10°14	4°18	28°41	16° 7	12° 8	22°46	11°48	10°52	7°17	20°21	M 9	
T 10	11 9 4	19° 1'55	20° 6	1°14	29°36	10°55	4°14	28°49	16° 9	12° 8	22°46	11°D48	10°49	7°23	20°25	T 10	
W11	11 13 0	20° 1'49	2°E10	0°55	0°H46	11°36	4°10	28°56	16°11	12° 7	22°46	11°48	10°46	7°30	20°29	W11	
T 12	11 16 57	21° 1'41	14° 3	0°43	1°56	12°17	4° 7	29° 3	16°13	12° 7	22°46	11°R48	10°43	7°36	20°33	T 12	
F 13	11 20 53	22° 1'31	25°51	0°D38	3° 6	12°58	4° 3	29°11	16°15	12° 6	22°46	11°47	10°40	7°43	20°37	F 13	
S 14	11 24 50	23° 1'19	7°L38	0°38	4°15	13°39	4° 0	29°18	16°17	12° 6	22°47	11°44	10°36	7°50	20°41	S 14	
S 15	11 28 46	24° 1'04	19°28	0°45	5°25	14°20	3°57	29°26	16°19	12° 6	22°47	11°39	10°33	7°56	20°45	S 15	
M16	11 32 43	25° 0'47	1°H26	0°57	6°34	15° 1	3°54	29°33	16°21	12° 5	22°47	11°30	10°30	8° 3	20°49	M16	
T 17	11 36 40	26° 0'28	13°32	1°15	7°43	15°41	3°51	29°41	16°23	12° 5	22°47	11°19	10°27	8°10	20°52	T 17	
W18	11 40 36	27° 0'07	25°50	1°38	8°52	16°22	3°49	29°48	16°25	12° 5	22°47	11° 6	10°24	8°16	20°56	W18	
T 19	11 44 33	27°59'44	8°H19	2° 5	10° 1	17° 3	3°47	29°56	16°26	12° 5	22°48	10°53	10°21	8°23	21° 0	T 19	
F 20	11 48 29	28°59'19	20°59	2°37	11°10	17°44	3°44	0°V 3	16°28	12° 5	22°48	10°40	10°17	8°30	21° 4	F 20	
S 21	11 52 26	29°58'53	3°L51	3°14	12°18	18°25	3°43	0°10	16°29	12° 5	22°48	10°28	10°14	8°36	21° 7	S 21	
S 22	11 56 22	0°V58'24	16°54	3°54	13°26	19° 5	3°41	0°18	16°31	12° 5	22°48	10°20	10°11	8°43	21°11	S 22	
M23	12 0 19	1°57'53	0°H 8	4°38	14°34	19°46	3°39	0°25	16°33	12° 4	22°49	10°14	10° 8	8°50	21°14	M23	
T 24	12 4 15	2°57'21	13°35	5°26	15°42	20°27	3°38	0°33	16°34	12°D 4	22°49	10°11	10° 5	8°56	21°18	T 24	
W25	12 8 12	3°56'47	27°15	6°17	16°50	21° 7	3°37	0°40	16°35	12° 5	22°49	10°10	10° 2	9° 3	21°22	W25	
T 26	12 12 9	4°56'12	11°H 8	7°11	17°58	21°48	3°36	0°48	16°37	12° 5	22°50	10° 9	9°58	9°10	21°25	T 26	
F 27	12 16 5	5°55'34	25°16	8° 8	19° 5	22°29	3°35	0°55	16°38	12° 5	22°50	10° 9	9°55	9°16	21°28	F 27	
S 28	12 20 2	6°54'55	9°H38	9° 8	20°12	23° 9	3°34	1° 3	16°39	12° 5	22°51	10° 7	9°52	9°23	21°32	S 28	
S 29	12 23 58	7°54'14	24°10	10°11	21°19	23°50	3°34	1°10	16°41	12° 5	22°51	10° 2	9°49	9°30	21°35	S 29	
M30	12 27 55	8°53'31	8°H50	11°16	22°26	24°30	3°34	1°18	16°42	12° 5	22°52	9°55	9°46	9°36	21°39	M30	
T 31	12 31 51	9°V52'46	23°H30	12°H24	23°H33	25°H11	3°D34	1°V25	16°H43	12°E 5	22°H52	9°E45	9°E42	9°L43	21°W42	T 31	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s49	18s58	2s43	5s 2	3n41	7n34	0n 7	13n33	0n28	19n50	0n49	2s49	2s 5	22s53	0s22	22n 4	0s49
M 2	7 26	15 0	3 45	5 29	3 36	8 4	0 11	13 47	0 29	19 51	0 49	2 46	2 5	22 53	0 22	22 4	0 49
T 3	7 3	10 5	4 30	5 58	3 30	8 34	0 15	14 2	0 30	19 53	0 49	2 43	2 5	22 53	0 22	22 4	0 49
W 4	6 40	4 37	4 57	6 27	3 22	9 4	0 18	14 16	0 30	19 54	0 49	2 40	2 5	22 52	0 23	22 5	0 49
T 5	6 17	0n58	5 4	6 55	3 12	9 34	0 22	14 30	0 31	19 55	0 49	2 38	2 5	22 52	0 23	22 5	0 49
F 6	5 54	6 21	4 52	7 24	3 1	10 3	0 26	14 44	0 32	19 56	0 49	2 35	2 5	22 52	0 23	22 5	0 49
S 7	5 31	11 15	4 24	7 51	2 49	10 33	0 30	14 58	0 32	19 57	0 49	2 32	2 5	22 52	0 23	22 5	0 49
S 8	5 7	15 27	3 42	8 16	2 36	11 2	0 34	15 12	0 33	19 58	0 49	2 29	2 5	22 51	0 23	22 5	0 49
M 9	4 44	18 48	2 51	8 40	2 22	11 31	0 38	15 25	0 34	19 59	0 49	2 26	2 5	22 51	0 23	22 5	0 49
T 10	4 21	21 12	1 53	9 3	2 8	11 59	0 42	15 39	0 34	20 0	0 49	2 23	2 5	22 51	0 23	22 5	0 49
W11	3 57	22 35	0 51	9 23	1 54	12 28	0 46	15 52	0 35	20 1	0 49	2 20	2 5	22 51	0 23	22 5	0 49
T 12	3 33	22 54	0n12	9 40	1 39	12 56	0 50	16 5	0 35	20 2	0 49	2 17	2 5	22 50	0 23	22 5	0 49
F 13	3 10	22 12	1 14	9 56	1 25	13 23	0 54	16 19	0 36	20 3	0 49	2 14	2 5	22 50	0 23	22 5	0 49
S 14	2 46	20 31	2 13	10 9	1 11	13 51	0 58	16 31	0 37	20 3	0 49	2 11	2 5	22 50	0 23	22 5	0 49
S 15	2 23	17 56	3 6	10 20	0 56	14 18	1 2	16 44	0 37	20 4	0 49	2 8	2 5	22 50	0 23	22 5	0 49
M16	1 59	14 34	3 51	10 29	0 42	14 45	1 6	16 57	0 38	20 5	0 49	2 5	2 5	22 50	0 23	22 6	0 49
T 17	1 35	10 35	4 27	10 35	0 29	15 11	1 10	17 9	0 38	20 5	0 49	2 2	2 5	22 49	0 23	22 6	0 49
W18	1 12	6 6	4 50	10 40	0 16	15 37	1 14	17 22	0 39	20 6	0 49	1 59	2 5	22 49	0 23	22 6	0 49
T 19	0 48	1 18	5 0	10 42	0 3	16 3	1 18	17 34	0 39	20 6	0 49	1 56	2 5	22 49	0 23	22 6	0 49
F 20	0 24	3s37	4 36	10 42	0s10	16 29	1 22	17 46	0 40	20 7	0 49	1 53	2 5	22 49	0 23	22 6	0 49
S 21	0 0	8 28	4 56	10 40	0 21	16 54	1 26	17 58	0 41	20 7	0 49	1 50	2 5	22 49	0 23	22 6	0 49
S 22	0n23	13 1	4 2	10 36	0 33	17 18	1 30	18 10	0 41	20 8	0 49	1 47	2 5	22 49	0 23	22 6	0 49
M23	0 47	17 1	3 15	10 30	0 44	17 43	1 34	18 21	0 42	20 8	0 49	1 44	2 5	22 48	0 23	22 6	0 48
T 24	1 11	20 12	2 16	10 22	0 54	18 6	1 38	18 33	0 42	20 8	0 49	1 42	2 5	22 48	0 23	22 6	0 48
W25	1 34	22 18	1 8	10 12	1 4	18 30	1 42	18 44	0 43	20 8	0 49	1 39	2 5	22 48	0 23	22 6	0 48
T 26	1 58	23 4	0s 5	10 1	1 13	18 53	1 45	18 55	0 43	20 9	0 48	1 36	2 5	22 48	0 23	22 6	0 48
F 27	2 21	22 23	1 19	9 47	1 22	19 15	1 49	19 6	0 44	20 9	0 48	1 33	2 5	22 48	0 23	22 6	0 48
S 28	2 45	20 14	2 29	9 33	1 30	19 37	1 53	19 17	0 44	20 9	0 48	1 30	2 5	22 48	0 23	22 6	0 48
S 29	3 8	16 46	3 30	9 16	1 38	19 59	1 57	19 28	0 45	20 9	0 48	1 27	2 5	22 48	0 23	22 6	0 48
M30	3 32	12 14	4 18	8 58	1 46	20 20	2 1	19 38	0 45	20 9	0 48	1 24	2 5	22 47	0 23	22 6	0 48
T 31	3n55	7s 0	4s49	8s38	1s52	20n41	2n 5	19n48	0n46	20n 9	0n48	1s21	2s 5	22s47	0s23	22n 6	0s48

Julian Day Number = 2418001.5, Delta T = 8.88 sec  
 Ecliptic obliquity = 23°27'03, Nutation = - 0°00'16, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°27'28, Lahiri = 22°34'28

ASTRODIENST EPHEMERIS for the year 1908  
geocentric

APRIL 1908

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 35 48	10°52'00	8°3' 13	♂34	24♂39	25♂51	3♂34	1°32	16♂44	12♂6	22♂53	9°R33	9♂39	9♂50	21♂45	W 1
T 2	12 39 44	11°51'11	22°21	14°46	25°46	26°31	3°34	1°40	16°45	12°6	22°53	9♂21	9°36	9°56	21°48	T 2
F 3	12 43 41	12°50'20	6♂19	16°0	26°52	27°12	3°35	1°47	16°46	12°6	22°54	9°10	9°33	10°3	21°52	F 3
S 4	12 47 37	13°49'27	19°52	17°16	27°57	27°52	3°36	1°55	16°47	12°7	22°54	9°0	9°30	10°10	21°55	S 4
S 5	12 51 34	14°48'32	3♂0	18°34	29°3	28°33	3°37	2°2	16°48	12°7	22°55	8°54	9°27	10°16	21°58	S 5
M 6	12 55 31	15°47'34	15°44	19°55	0♂8	29°13	3°38	2°9	16°48	12°8	22°56	8°50	9°23	10°23	22°1	M 6
T 7	12 59 27	16°46'34	28°7	21°16	1°13	29°53	3°39	2°17	16°49	12°8	22°56	8°48	9°20	10°30	22°4	T 7
W 8	13 3 24	17°45'33	10♂13	22°40	2°18	0♂33	3°41	2°24	16°50	12°8	22°57	8°D48	9°17	10°36	22°7	W 8
T 9	13 7 20	18°44'28	22°8	24°6	3°23	1°14	3°42	2°31	16°51	12°9	22°58	8°R48	9°14	10°43	22°10	T 9
F 10	13 11 17	19°43'22	3♂57	25°33	4°27	1°54	3°44	2°38	16°51	12°10	22°58	8°47	9°11	10°50	22°12	F 10
S 11	13 15 13	20°42'13	15°46	27°2	5°31	2°34	3°46	2°46	16°52	12°10	22°59	8°45	9°7	10°56	22°15	S 11
S 12	13 19 10	21°41'02	27°40	28°32	6°35	3°14	3°49	2°53	16°52	12°11	23°0	8°40	9°4	11°3	22°18	S 12
M13	13 23 6	22°39'48	9♂42	0°5	7°38	3°54	3°51	3°0	16°53	12°11	23°1	8°32	9°1	11°10	22°21	M13
T 14	13 27 3	23°38'33	21°57	1°39	8°41	4°34	3°54	3°7	16°53	12°12	23°2	8°22	8°58	11°16	22°23	T 14
W15	13 31 0	24°37'15	4♂25	3°14	9°44	5°14	3°56	3°14	16°53	12°13	23°2	8°10	8°55	11°23	22°26	W15
T 16	13 34 56	25°35'55	17°9	4°51	10°47	5°54	3°59	3°22	16°54	12°14	23°3	7°58	8°52	11°30	22°28	T 16
F 17	13 38 53	26°34'33	0♂9	6°30	11°49	6°34	4°2	3°29	16°54	12°14	23°4	7°46	8°48	11°36	22°31	F 17
S 18	13 42 49	27°33'10	13°22	8°11	12°51	7°14	4°6	3°36	16°54	12°15	23°5	7°35	8°45	11°43	22°33	S 18
S 19	13 46 46	28°31'44	26°47	9°53	13°52	7°54	4°9	3°43	16°54	12°16	23°6	7°27	8°42	11°50	22°36	S 19
M20	13 50 42	29°30'17	10♂23	11°36	14°53	8°34	4°13	3°50	16°54	12°17	23°7	7°22	8°39	11°56	22°38	M20
T 21	13 54 39	0♂28'48	24°8	13°22	15°54	9°14	4°17	3°57	16°55	12°18	23°8	7°19	8°36	12°3	22°40	T 21
W22	13 58 35	1°27'17	8♂0	15°9	16°54	9°54	4°21	4°4	16°R55	12°19	23°8	7°D18	8°33	12°10	22°42	W22
T 23	14 2 32	2°25'45	22°0	16°57	17°54	10°33	4°25	4°11	16°54	12°20	23°9	7°19	8°29	12°16	22°45	T 23
F 24	14 6 29	3°24'12	6♂5	18°48	18°54	11°13	4°29	4°17	16°54	12°21	23°10	7°R19	8°26	12°23	22°47	F 24
S 25	14 10 25	4°22'36	20°16	20°40	19°53	11°53	4°34	4°24	16°54	12°22	23°11	7°18	8°23	12°30	22°49	S 25
S 26	14 14 22	5°20'59	4♂30	22°34	20°52	12°33	4°38	4°31	16°54	12°23	23°12	7°15	8°20	12°36	22°51	S 26
M27	14 18 18	6°19'21	18°46	24°29	21°50	13°12	4°43	4°38	16°54	12°24	23°13	7°9	8°17	12°43	22°53	M27
T 28	14 22 15	7°17'41	2°59	26°26	22°48	13°52	4°48	4°45	16°53	12°25	23°14	7°2	8°13	12°50	22°55	T 28
W29	14 26 11	8°15'59	17°5	28°25	23°46	14°32	4°53	4°51	16°53	12°26	23°15	6°52	8°10	12°56	22°56	W29
T 30	14 30 8	9♂14'15	1♂0	0♂25	24♂43	15♂11	4♂58	4°58	16°53	12°28	23♂16	6♂43	8♂7	13♂3	22♂58	T 30

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F 1	14 34 4	10♈12'30	14♈38	2♈27	25♈39	15♈51	5♈4	5♈4	16°R52	12♈29	23♈18	6°R34	8♈4	13♈10	23≈0	F 1
S 2	14 38 1	11°10'43	27°58	4°31	26°35	16°31	5°10	5°11	16♈52	12°30	23°19	6♈26	8°1	13°16	23°2	S 2
S 3	14 41 58	12°8'55	10♈57	6°35	27°31	17°10	5°15	5°18	16°51	12°31	23°20	6°21	7°58	13°23	23°3	S 3
M 4	14 45 54	13°7'04	23°36	8°42	28°26	17°50	5°21	5°24	16°51	12°33	23°21	6°18	7°54	13°30	23°5	M 4
T 5	14 49 51	14°5'12	5♈57	10°49	29°20	18°29	5°27	5°30	16°50	12°34	23°22	6°D17	7°51	13°36	23°6	T 5
W 6	14 53 47	15°3'18	18°3	12°57	0♈14	19°9	5°33	5°37	16°49	12°35	23°23	6°18	7°48	13°43	23°8	W 6
T 7	14 57 44	16°1'22	29°59	15°7	1°7	19°48	5°40	5°43	16°48	12°37	23°24	6°19	7°45	13°50	23°9	T 7
F 8	15 1 40	16°59'24	11♈50	17°17	2°0	20°28	5°46	5°49	16°48	12°38	23°25	6°R20	7°42	13°56	23°10	F 8
S 9	15 5 37	17°57'24	23°41	19°27	2°52	21°7	5°53	5°56	16°47	12°39	23°27	6°20	7°39	14°3	23°11	S 9
S 10	15 9 33	18°55'22	5♈36	21°38	3°43	21°46	6°0	6°2	16°46	12°41	23°28	6°18	7°35	14°10	23°13	S 10
M 11	15 13 30	19°53'18	17°41	23°48	4°33	22°26	6°7	6°8	16°45	12°42	23°29	6°15	7°32	14°16	23°14	M 11
T 12	15 17 27	20°51'12	29°59	25°58	5°23	23°5	6°14	6°14	16°44	12°44	23°30	6°10	7°29	14°23	23°15	T 12
W 13	15 21 23	21°49'05	12♈36	28°8	6°12	23°44	6°21	6°20	16°43	12°45	23°31	6°3	7°26	14°30	23°16	W 13
T 14	15 25 20	22°46'56	25°31	0♈17	7°0	24°24	6°28	6°26	16°42	12°47	23°33	5°56	7°23	14°36	23°17	T 14
F 15	15 29 16	23°44'46	8♈45	2°24	7°48	25°3	6°35	6°32	16°41	12°49	23°34	5°48	7°19	14°43	23°17	F 15
S 16	15 33 13	24°42'34	22°18	4°30	8°34	25°42	6°43	6°38	16°40	12°50	23°35	5°42	7°16	14°50	23°18	S 16
S 17	15 37 9	25°40'20	6♈7	6°35	9°20	26°21	6°51	6°43	16°39	12°52	23°37	5°37	7°13	14°56	23°19	S 17
M 18	15 41 6	26°38'05	20°8	8°37	10°5	27°0	6°59	6°49	16°37	12°53	23°38	5°35	7°10	15°3	23°20	M 18
T 19	15 45 2	27°35'50	4♈18	10°37	10°48	27°40	7°6	6°55	16°36	12°55	23°39	5°D34	7°7	15°10	23°20	T 19
W 20	15 48 59	28°33'32	18°33	12°35	11°31	28°19	7°14	7°0	16°35	12°57	23°40	5°34	7°4	15°17	23°21	W 20
T 21	15 52 56	29°31'14	2≈50	14°31	12°13	28°58	7°23	7°6	16°33	12°58	23°42	5°36	7°0	15°23	23°21	T 21
F 22	15 56 52	0♈28'55	17°5	16°23	12°54	29°37	7°31	7°11	16°32	13°0	23°43	5°37	6°57	15°30	23°22	F 22
S 23	16 0 49	1°26'34	1♈17	18°14	13°34	0♈16	7°39	7°17	16°31	13°2	23°44	5°R37	6°54	15°37	23°22	S 23
S 24	16 4 45	2°24'13	15°24	20°1	14°12	0°55	7°48	7°22	16°29	13°4	23°46	5°37	6°51	15°43	23°22	S 24
M 25	16 8 42	3°21'51	29°23	21°45	14°50	1°34	7°57	7°27	16°28	13°5	23°47	5°35	6°48	15°50	23°23	M 25
T 26	16 12 38	4°19'27	13♈14	23°27	15°26	2°13	8°5	7°32	16°26	13°7	23°48	5°31	6°45	15°57	23°23	T 26
W 27	16 16 35	5°17'03	26°54	25°6	16°1	2°52	8°14	7°38	16°24	13°9	23°50	5°27	6°41	16°3	23°23	W 27
T 28	16 20 31	6°14'38	10♈22	26°41	16°34	3°31	8°23	7°43	16°23	13°11	23°51	5°22	6°38	16°10	23°R23	T 28
F 29	16 24 28	7°12'12	23°35	28°14	17°7	4°10	8°32	7°48	16°21	13°13	23°52	5°18	6°35	16°17	23°23	F 29
S 30	16 28 25	8°9'45	6♈34	29°43	17°37	4°49	8°41	7°53	16°19	13°15	23°54	5°15	6°32	16°23	23°23	S 30
S 31	16 32 21	9♈17	19♈16	1♈10	18♈7	5♈28	8♈51	7♈57	16♈18	13♈17	23♈55	5♈12	6♈29	16♈30	23≈23	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
F 1	14n53	12n24	4s 0	11n16	1s 8	26n54	3n31	23n39	0n58	19n46	0n47	0n 3	2s 8	22s47	0s24	22n 5	0s47	16n 0	7s17	23n17	23n12	19n43	7s49	6n23	
S 2	15 11	16 37	3 11	12 6	0 59	26 56	3 32	23 44	0 58	19 44	0 47	0 6	2 8	22 47	0 24	22 5	0 47	16 1	7 17	23 18	23 13	19 42	7 48	6 23	
S 3	15 29	19 55	2 12	12 57	0 49	26 59	3 33	23 48	0 58	19 43	0 47	0 8	2 9	22 47	0 24	22 5	0 47	16 1	7 17	23 18	23 13	19 40	7 47	6 24	
M 4	15 47	22 10	1 8	13 47	0 40	27 0	3 34	23 52	0 59	19 42	0 47	0 11	2 9	22 47	0 24	22 5	0 47	16 1	7 17	23 18	23 13	19 39	7 47	6 24	
T 5	16 4	23 17	0 2	14 37	0 30	27 2	3 35	23 56	0 59	19 40	0 46	0 13	2 9	22 47	0 24	22 5	0 47	16 1	7 16	23 18	23 13	19 38	7 46	6 24	
W 6	16 22	23 16	1n 3	15 26	0 19	27 2	3 35	23 59	0 59	19 38	0 46	0 15	2 9	22 48	0 24	22 5	0 47	16 1	7 16	23 18	23 13	19 37	7 45	6 25	
T 7	16 38	22 11	2 4	16 14	0 9	27 2	3 36	24 3	0 59	19 37	0 46	0 18	2 9	22 48	0 24	22 5	0 47	16 2	7 16	23 18	23 13	19 35	7 44	6 25	
F 8	16 55	20 7	3 0	17 2	0n 2	27 2	3 36	24 6	1 0	19 35	0 46	0 20	2 9	22 48	0 24	22 4	0 47	16 2	7 16	23 18	23 14	19 34	7 43	6 25	
S 9	17 11	17 13	3 47	17 48	0 12	27 1	3 36	24 9	1 0	19 34	0 46	0 22	2 10	22 48	0 24	22 4	0 47	16 2	7 16	23 18	23 14	19 33	7 43	6 26	
S 10	17 27	13 35	4 26	18 33	0 23	27 0	3 36	24 12	1 0	19 32	0 46	0 25	2 10	22 48	0 24	22 4	0 47	16 2	7 16	23 18	23 14	19 32	7 42	6 26	
M 11	17 43	9 21	4 53	19 16	0 33	26 58	3 36	24 15	1 1	19 30	0 46	0 27	2 10	22 48	0 24	22 4	0 47	16 2	7 16	23 18	23 14	19 30	7 41	6 27	
T 12	17 59	4 41	5 7	19 58	0 43	26 55	3 35	24 17	1 1	19 28	0 46	0 29	2 10	22 48	0 24	22 4	0 47	16 3	7 15	23 18	23 14	19 29	7 41	6 27	
W 13	18 14	0s16	5 7	20 37	0 53	26 53	3 35	24 19	1 1	19 26	0 46	0 31	2 10	22 48	0 24	22 4	0 47	16 3	7 15	23 19	23 15	19 28	7 40	6 27	
T 14	18 29	5 21	4 51	21 15	1 3	26 49	3 34	24 21	1 1	19 25	0 46	0 33	2 10	22 49	0 24	22 4	0 47	16 3	7 15	23 19	23 15	19 26	7 39	6 28	
F 15	18 43	10 19	4 20	21 50	1 12	26 46	3 33	24 23	1 2	19 23	0 46	0 36	2 11	22 49	0 24	22 4	0 47	16 3	7 15	23 19	23 15	19 25	7 39	6 28	
S 16	18 57	14 55	3 33	22 23	1 21	26 41	3 31	24 25	1 2	19 21	0 46	0 38	2 11	22 49	0 24	22 4	0 47	16 3	7 15	23 20	23 15	19 24	7 38	6 28	
S 17	19 11	18 49	2 33	22 53	1 29	26 37	3 30	24 26	1 2	19 19	0 46	0 40	2 11	22 49	0 25	22 3	0 47	16 3	7 15	23 20	23 15	19 22	7 37	6 29	
M 18	19 25	21 42	1 23	23 21	1 37	26 32	3 28	24 27	1 2	19 17	0 46	0 42	2 11	22 49	0 25	22 3	0 47	16 4	7 15	23 20	23 15	19 21	7 37	6 29	
T 19	19 38	23 16	0 7	23 46	1 44	26 26	3 26	24 28	1 2	19 15	0 46	0 44	2 11	22 50	0 25	22 3	0 46	16 4	7 15	23 20	23 16	19 20	7 36	6 30	
W 20	19 51	23 19	1s10	24 8	1 50	26 20	3 24	24 29	1 3	19 13	0 46	0 46	2 12	22 50	0 25	22 3	0 46	16 4	7 14	23 20	23 16	19 18	7 36	6 30	
T 21	20 3	21 51	2 23	24 28	1 56	26 14	3 22	24 30	1 3	19 10	0 46	0 48	2 12	22 50	0 25	22 3	0 46	16 4	7 14	23 20	23 16	19 17	7 35	6 30	
F 22	20 16	19 1	3 27	24 45	2 1	26 8	3 19	24 30	1 3	19 8	0 46	0 50	2 12	22 50	0 25	22 3	0 46	16 4	7 14	23 20	23 16	19 16	7 35	6 31	
S 23	20 28	15 2	4 18	25 0	2 5	26 1	3 16	24 30	1 3	19 6	0 46	0 52	2 12	22 50	0 25	22 3	0 46	16 4	7 14	23 20	23 16	19 14	7 34	6 31	
S 24	20 39	10 16	4 53	25 12	2 8	25 53	3 13	24 30	1 4	19 4	0 46	0 54	2 12	22 50	0 25	22 2	0 46	16 5	7 14	23 20	23 16	19 13	7 34	6 31	
M 25	20 50	4 59	5 10	25 22	2 11	25 46	3 10	24 30	1 4	19 2	0 46	0 56	2 13	22 51	0 25	22 2	0 46	16 5	7 14	23 20	23 17	19 12	7 33	6 32	
T 26	21 1	0n28	5 9	25 30	2 13	25 38	3 6	24 30	1 4	18 59	0 46	0 58	2 13	22 51	0 25	22 2	0 46	16 5	7 14	23 20	23 17	19 10	7 33	6 32	
W 27	21 12	5 51	4 51	25 35	2 14	25 30	3 2	24 29	1 4	18 57	0 46	0 59	2 13	22 51	0 25	22 2	0 46	16 5	7 14	23 20	23 17	19 9	7 33	6 33	
T 28	21 22	10 53	4 16	25 38	2 14	25 22	2 58	24 29	1 4	18 55	0 46	1 1	2 13	22 51	0 25	22 2	0 46	16 5	7 14	23 20	23 17	19 8	7 32	6 33	
F 29	21 31	15 19	3 29	25 39	2 13	25 13	2 53	24 28	1 5	18 52	0 46	1 3	2 13	22 52	0 25	22 2	0 46	16 5	7 14	23 21	23 17	19 6	7 32	6 33	
S 30	21 41	18 56	2 31	25 39	2 12	25 4	2 48	24 26	1 5	18 50	0 46	1 5	2 14	22 52	0 25	22 2	0 46	16 6	7 13	23 21	23 17	19 5	7 32	6 34	
S 31	21n50	21n35	1s26	25n36	2n 9	24n55	2n43	24n25	1n 5	18n47	0n45	1n 6	2s14	22s52	0s25	22n 1	0s46	16n 6	7s13	23n21	23n18	19n 3	7s31	6n34	

# ASTRODIENST EPHEMERIS for the year 1908

## geocentric

JUNE 1908

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 36 18	10 <sup>II</sup> 4'47	1 <sup>☾</sup> 44	2 <sup>☾</sup> 33	18 <sup>☾</sup> 35	6 <sup>☾</sup> 7	9 <sup>♂</sup> 0	8 <sup>♀</sup> 2	16 <sup>R</sup> 16	13 <sup>☾</sup> 19	23 <sup>II</sup> 57	5 <sup>D</sup> 12	6 <sup>☾</sup> 25	16 <sup>♂</sup> 37	23 <sup>R</sup> 22	M 1
T 2	16 40 14	11° 2'17	13°59	3°53	19° 1	6°45	9°10	8° 7	16 <sup>☾</sup> 14	13°20	23°58	5 <sup>☾</sup> 12	6°22	16°43	23 <sup>☾</sup> 22	T 2
W 3	16 44 11	11°59'45	26° 2	5°10	19°26	7°24	9°19	8°12	16°12	13°22	23°59	5°13	6°19	16°50	23°22	W 3
T 4	16 48 7	12°57'13	7 <sup>♂</sup> 56	6°23	19°49	8° 3	9°29	8°16	16°10	13°24	24° 1	5°14	6°16	16°57	23°21	T 4
F 5	16 52 4	13°54'39	19°47	7°33	20°10	8°42	9°39	8°21	16° 8	13°26	24° 2	5°16	6°13	17° 3	23°21	F 5
S 6	16 56 0	14°52'04	1 <sup>♂</sup> 38	8°40	20°29	9°21	9°49	8°25	16° 7	13°28	24° 4	5°17	6°10	17°10	23°20	S 6
S 7	16 59 57	15°49'28	13°33	9°44	20°47	10° 0	9°59	8°29	16° 5	13°30	24° 5	5°R18	6° 6	17°17	23°20	S 7
M 8	17 3 54	16°46'50	25°38	10°43	21° 2	10°38	10° 9	8°34	16° 3	13°32	24° 6	5°18	6° 3	17°23	23°19	M 8
T 9	17 7 50	17°44'12	7 <sup>♂</sup> 57	11°40	21°16	11°17	10°19	8°38	16° 1	13°34	24° 8	5°17	6° 0	17°30	23°19	T 9
W10	17 11 47	18°41'33	20°35	12°32	21°27	11°56	10°29	8°42	15°59	13°37	24° 9	5°15	5°57	17°37	23°18	W10
T 11	17 15 43	19°38'52	3 <sup>♂</sup> 33	13°21	21°36	12°34	10°39	8°46	15°56	13°39	24°11	5°13	5°54	17°43	23°17	T 11
F 12	17 19 40	20°36'11	16°55	14° 6	21°43	13°13	10°50	8°50	15°54	13°41	24°12	5°11	5°51	17°50	23°16	F 12
S 13	17 23 36	21°33'29	0 <sup>♂</sup> 39	14°47	21°48	13°52	11° 0	8°54	15°52	13°43	24°13	5° 9	5°47	17°57	23°15	S 13
S 14	17 27 33	22°30'46	14°45	15°23	21°51	14°30	11°11	8°57	15°50	13°45	24°15	5° 8	5°44	18° 3	23°14	S 14
M15	17 31 29	23°28'02	29° 8	15°56	21°R51	15° 9	11°21	9° 1	15°48	13°47	24°16	5°D 7	5°41	18°10	23°13	M15
T 16	17 35 26	24°25'18	13 <sup>☾</sup> 44	16°25	21°49	15°48	11°32	9° 5	15°46	13°49	24°18	5° 7	5°38	18°17	23°12	T 16
W17	17 39 23	25°22'34	28°25	16°49	21°45	16°26	11°43	9° 8	15°44	13°51	24°19	5° 8	5°35	18°24	23°11	W17
T 18	17 43 19	26°19'49	13 <sup>☾</sup> 6	17° 8	21°38	17° 5	11°54	9°11	15°41	13°53	24°21	5° 9	5°31	18°30	23°10	T 18
F 19	17 47 16	27°17'04	27°41	17°23	21°28	17°43	12° 5	9°15	15°39	13°56	24°22	5° 9	5°28	18°37	23° 8	F 19
S 20	17 51 12	28°14'18	12 <sup>♂</sup> 5	17°34	21°17	18°22	12°16	9°18	15°37	13°58	24°23	5°10	5°25	18°44	23° 7	S 20
S 21	17 55 9	29°11'33	26°14	17°40	21° 3	19° 0	12°27	9°21	15°35	14° 0	24°25	5°R10	5°22	18°50	23° 6	S 21
M22	17 59 5	0 <sup>☾</sup> 8'47	10 <sup>♀</sup> 8	17°R41	20°46	19°39	12°38	9°24	15°32	14° 2	24°26	5°10	5°19	18°57	23° 4	M22
T 23	18 3 2	1° 6'01	23°46	17°38	20°28	20°17	12°49	9°27	15°30	14° 4	24°28	5°10	5°16	19° 4	23° 3	T 23
W24	18 6 58	2° 3'15	7 <sup>♂</sup> 7	17°31	20° 7	20°56	13° 1	9°30	15°28	14° 6	24°29	5° 9	5°12	19°10	23° 1	W24
T 25	18 10 55	3° 0'29	20°12	17°19	19°44	21°34	13°12	9°33	15°25	14° 9	24°30	5° 9	5° 9	19°17	22°59	T 25
F 26	18 14 52	3°57'43	3 <sup>II</sup> 3	17° 3	19°19	22°13	13°24	9°36	15°23	14°11	24°32	5° 9	5° 6	19°24	22°58	F 26
S 27	18 18 48	4°54'57	15°40	16°43	18°51	22°51	13°35	9°38	15°21	14°13	24°33	5°D 9	5° 3	19°30	22°56	S 27
S 28	18 22 45	5°52'11	28° 5	16°19	18°22	23°30	13°47	9°41	15°18	14°15	24°35	5° 9	5° 0	19°37	22°54	S 28
M29	18 26 41	6°49'25	10 <sup>☾</sup> 19	15°52	17°52	24° 8	13°58	9°43	15°16	14°17	24°36	5°R 9	4°57	19°44	22°52	M29
T 30	18 30 38	7 <sup>☾</sup> 46'38	22 <sup>☾</sup> 24	15 <sup>☾</sup> 22	17 <sup>☾</sup> 19	24 <sup>☾</sup> 47	14 <sup>♂</sup> 10	9 <sup>♀</sup> 45	15 <sup>☾</sup> 13	14 <sup>☾</sup> 20	24 <sup>II</sup> 37	5 <sup>☾</sup> 9	4 <sup>☾</sup> 53	19 <sup>♂</sup> 50	22 <sup>☾</sup> 51	T 30

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	
M 1	21n58	23n 7	0s19	25n32	2n 6	24n46	2n37	24n24	1n 5	18n45	0n45	1n 8	2s14	22s52	0s25	22n 1
T 2	22 7	23 31	0n48	25 26	2 2	24 36	2 31	24 22	1 5	18 42	0 45	1 10	2 14	22 53	0 25	22 1
W 3	22 14	22 47	1 52	25 18	1 58	24 26	2 25	24 20	1 5	18 40	0 45	1 11	2 15	22 53	0 25	22 1
T 4	22 22	21 2	2 51	25 10	1 52	24 17	2 19	24 18	1 6	18 37	0 45	1 13	2 15	22 53	0 25	22 1
F 5	22 29	18 24	3 42	25 0	1 46	24 7	2 12	24 15	1 6	18 34	0 45	1 15	2 15	22 53	0 25	22 0
S 6	22 36	14 59	4 23	24 49	1 39	23 56	2 5	24 13	1 6	18 32	0 45	1 16	2 15	22 54	0 25	22 0
S 7	22 42	10 59	4 53	24 36	1 31	23 46	1 57	24 10	1 6	18 29	0 45	1 18	2 15	22 54	0 25	22 0
M 8	22 48	6 30	5 11	24 23	1 22	23 36	1 49	24 7	1 6	18 26	0 45	1 19	2 16	22 54	0 25	22 0
T 9	22 53	1 40	5 15	24 9	1 13	23 25	1 41	24 4	1 6	18 23	0 45	1 20	2 16	22 54	0 25	22 0
W10	22 58	3s20	5 5	23 54	1 3	23 15	1 32	24 1	1 6	18 21	0 45	1 22	2 16	22 55	0 25	22 0
T 11	23 3	8 21	4 38	23 39	0 52	23 4	1 23	23 58	1 7	18 18	0 45	1 23	2 16	22 55	0 25	21 59
F 12	23 7	13 7	3 56	23 23	0 41	22 54	1 13	23 54	1 7	18 15	0 45	1 24	2 17	22 55	0 25	21 59
S 13	23 11	17 22	2 59	23 6	0 29	22 43	1 3	23 50	1 7	18 12	0 45	1 26	2 17	22 55	0 25	21 59
S 14	23 14	20 45	1 50	22 50	0 16	22 33	0 53	23 46	1 7	18 9	0 45	1 27	2 17	22 56	0 25	21 59
M15	23 17	22 54	0 33	22 33	0 3	22 22	0 42	23 42	1 7	18 6	0 45	1 28	2 17	22 56	0 25	21 59
T 16	23 20	23 32	0s48	22 15	0s11	22 11	0 31	23 38	1 7	18 3	0 45	1 29	2 18	22 56	0 25	21 58
W17	23 22	22 32	2 6	21 51	0 26	22 1	0 19	23 33	1 7	18 0	0 45	1 31	2 18	22 56	0 25	21 58
T 18	23 24	20 1	3 15	21 41	0 41	21 50	0 7	23 28	1 7	17 57	0 45	1 32	2 18	22 57	0 25	21 58
F 19	23 25	16 13	4 12	21 24	0 56	21 39	0s 5	23 24	1 8	17 54	0 45	1 33	2 18	22 57	0 25	21 58
S 20	23 26	11 32	4 52	21 7	1 12	21 29	0 18	23 18	1 8	17 51	0 45	1 34	2 19	22 57	0 25	21 58
S 21	23 27	6 17	5 13	20 50	1 28	21 18	0 30	23 13	1 8	17 48	0 45	1 35	2 19	22 58	0 25	21 57
M22	23 27	0 50	5 16	20 34	1 44	21 7	0 44	23 8	1 8	17 45	0 45	1 36	2 19	22 58	0 25	21 57
T 23	23 27	4n34	5 1	20 18	2 0	20 57	0 57	23 2	1 8	17 41	0 45	1 37	2 19	22 58	0 25	21 57
W24	23 26	9 39	4 29	20 3	2 17	20 47	1 11	22 56	1 8	17 38	0 45	1 37	2 20	22 58	0 25	21 57
T 25	23 25	14 12	3 44	19 48	2 33	20 36	1 25	22 50	1 8	17 35	0 45	1 38	2 20	22 59	0 25	21 57
F 26	23 23	18 1	2 49	19 34	2 49	20 26	1 39	22 44	1 8	17 32	0 45	1 39	2 20	22 59	0 25	21 56
S 27	23 22	20 55	1 46	19 21	3 4	20 16	1 53	22 38	1 8	17 28	0 45	1 40	2 21	22 59	0 25	21 56
S 28	23 19	22 47	0 39	19 9	3 19	20 5	2 7	22 32	1 8	17 25	0 45	1 41	2 21	23 0	0 25	21 56
M29	23 16	23 32	0n29	18 58	3 34	19 55	2 21	22 25	1 8	17 22	0 45	1 41	2 21	23 0	0 25	21 56
T 30	23n13	23n 8	1n34	18n48	3s47	19n45	2s36	22n18	1n 9	17n18	0n45	1n42	2s21	23s 0	0s25	21n55

Julian Day Number = 2418093.5, Delta T = 9.19 sec  
 Ecliptic obliquity = 23°27'03, Nutation = - 0°00'18, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°27'40, Lahiri = 22°34'41



ASTRODIENST EPHEMERIS for the year 1908  
geocentric

JULY 1908

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 34 34	8♂43'52	4♂21	14°R50	16°R46	25♂25	14♂22	9♂48	15°R11	14♂22	24♂39	5°R 8	4♂50	19♂57	22°R49	W 1
T 2	18 38 31	9°41'05	16°13	14♂15	16♂11	26° 4	14°34	9°50	15♂ 9	14°24	24°40	5♂ 8	4°47	20° 4	22°47	T 2
F 3	18 42 28	10°38'18	28° 3	13°39	15°35	26°42	14°45	9°52	15° 6	14°26	24°42	5° 7	4°44	20°10	22°45	F 3
S 4	18 46 24	11°35'30	9♂54	13° 2	14°58	27°20	14°57	9°54	15° 4	14°29	24°43	5° 7	4°41	20°17	22°43	S 4
S 5	18 50 21	12°32'43	21°49	12°25	14°21	27°59	15° 9	9°55	15° 1	14°31	24°44	5° 6	4°37	20°24	22°40	S 5
M 6	18 54 17	13°29'55	3♂53	11°48	13°44	28°37	15°21	9°57	14°59	14°33	24°46	5° 5	4°34	20°31	22°38	M 6
T 7	18 58 14	14°27'07	16°10	11°13	13° 6	29°15	15°33	9°59	14°57	14°35	24°47	5°D 5	4°31	20°37	22°36	T 7
W 8	19 2 10	15°24'19	28°44	10°39	12°29	29°54	15°46	10° 0	14°54	14°37	24°48	5° 6	4°28	20°44	22°34	W 8
T 9	19 6 7	16°21'30	11♂40	10° 7	11°52	0♂32	15°58	10° 2	14°52	14°40	24°50	5° 6	4°25	20°51	22°32	T 9
F 10	19 10 3	17°18'42	25° 0	9°38	11°16	1°10	16°10	10° 3	14°49	14°42	24°51	5° 7	4°22	20°57	22°29	F 10
S 11	19 14 0	18°15'54	8♂46	9°13	10°40	1°49	16°22	10° 4	14°47	14°44	24°52	5° 8	4°18	21° 4	22°27	S 11
S 12	19 17 57	19°13'05	22°58	8°51	10° 6	2°27	16°35	10° 5	14°44	14°46	24°54	5° 9	4°15	21°11	22°24	S 12
M13	19 21 53	20°10'17	7♂32	8°33	9°33	3° 5	16°47	10° 6	14°42	14°49	24°55	5°R 9	4°12	21°17	22°22	M13
T 14	19 25 50	21° 7'29	22°25	8°21	9° 1	3°44	16°59	10° 7	14°40	14°51	24°56	5° 9	4° 9	21°24	22°19	T 14
W15	19 29 46	22° 4'42	7♂27	8°13	8°32	4°22	17°12	10° 8	14°37	14°53	24°58	5° 7	4° 6	21°31	22°17	W15
T 16	19 33 43	23° 1'55	22°31	8°D10	8° 4	5° 0	17°24	10° 9	14°35	14°55	24°59	5° 5	4° 3	21°37	22°14	T 16
F 17	19 37 39	23°59'08	7♂28	8°13	7°37	5°38	17°37	10° 9	14°32	14°57	25° 0	5° 3	3°59	21°44	22°12	F 17
S 18	19 41 36	24°56'22	22°10	8°21	7°13	6°17	17°49	10°10	14°30	15° 0	25° 2	5° 1	3°56	21°51	22° 9	S 18
S 19	19 45 32	25°53'37	6♂31	8°35	6°52	6°55	18° 2	10°10	14°28	15° 2	25° 3	4°59	3°53	21°57	22° 7	S 19
M20	19 49 29	26°50'52	20°29	8°54	6°32	7°33	18°14	10°11	14°25	15° 4	25° 4	4°58	3°50	22° 4	22° 4	M20
T 21	19 53 26	27°48'08	4♂ 3	9°19	6°15	8°11	18°27	10°11	14°23	15° 6	25° 5	4°D58	3°47	22°11	22° 1	T 21
W22	19 57 22	28°45'25	17°15	9°50	6° 0	8°49	18°40	10°11	14°21	15° 8	25° 6	4°59	3°43	22°18	21°58	W22
T 23	20 1 19	29°42'43	0♂ 6	10°27	5°47	9°28	18°53	10°R11	14°18	15°11	25° 8	5° 0	3°40	22°24	21°56	T 23
F 24	20 5 15	0♂40'02	12°41	11° 9	5°37	10° 6	19° 5	10°11	14°16	15°13	25° 9	5° 2	3°37	22°31	21°53	F 24
S 25	20 9 12	1°37'22	25° 2	11°57	5°30	10°44	19°18	10°11	14°14	15°15	25°10	5° 3	3°34	22°38	21°50	S 25
S 26	20 13 8	2°34'43	7♂13	12°50	5°24	11°22	19°31	10°10	14°12	15°17	25°11	5°R 4	3°31	22°44	21°47	S 26
M27	20 17 5	3°32'04	19°15	13°49	5°21	12° 1	19°44	10°10	14° 9	15°19	25°12	5° 3	3°28	22°51	21°44	M27
T 28	20 21 1	4°29'27	1♂11	14°54	5°D21	12°39	19°57	10° 9	14° 7	15°21	25°14	5° 0	3°24	22°58	21°41	T 28
W29	20 24 58	5°26'50	13° 3	16° 3	5°22	13°17	20° 9	10° 9	14° 5	15°23	25°15	4°57	3°21	23° 4	21°38	W29
T 30	20 28 55	6°24'13	24°53	17°18	5°26	13°55	20°22	10° 8	14° 3	15°26	25°16	4°52	3°18	23°11	21°35	T 30
F 31	20 32 51	7♂21'38	6♂43	18♂38	5♂32	14♂33	20♂35	10♂ 7	14♂ 1	15♂28	25♂17	4♂46	3♂15	23♂18	21♂32	F 31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	23n10	21n41		2n35	18n39	4s 0	19n36	2s50	22n11	1n 9	17n15	0n45	1n43	2s22	23s 0	0s25	21n55	0s46	16n 9	7s12	23n21	23n22	18n18	7s32	6n44		
T 2	23 6	19 18		3 29	18 32	4 11	19 26	3 4	22 4	1 9	17 11	0 45	1 43	2 22	23 1	0 25	21 55	0 46	16 9	7 12	23 21	23 22	18 16	7 33	6 45		
F 3	23 1	16 7		4 13	18 25	4 21	19 16	3 17	21 57	1 9	17 8	0 45	1 44	2 22	23 1	0 25	21 55	0 46	16 9	7 12	23 21	23 22	18 15	7 33	6 45		
S 4	22 57	12 17		4 47	18 20	4 30	19 7	3 31	21 50	1 9	17 5	0 45	1 44	2 22	23 1	0 25	21 55	0 46	16 9	7 12	23 21	23 22	18 13	7 34	6 45		
S 5	22 52	7 58		5 8	18 16	4 37	18 58	3 44	21 42	1 9	17 1	0 45	1 45	2 23	23 1	0 25	21 54	0 46	16 9	7 12	23 21	23 22	18 12	7 34	6 46		
M 6	22 46	3 18		5 17	18 13	4 43	18 49	3 57	21 34	1 9	16 57	0 45	1 45	2 23	23 2	0 25	21 54	0 46	16 9	7 12	23 21	23 22	18 10	7 34	6 46		
T 7	22 40	1s34		5 11	18 12	4 48	18 40	4 9	21 26	1 9	16 54	0 45	1 45	2 23	23 2	0 25	21 54	0 46	16 9	7 12	23 21	23 22	18 8	7 35	6 46		
W 8	22 34	6 30		4 50	18 12	4 50	18 32	4 21	21 18	1 9	16 50	0 45	1 46	2 24	23 2	0 25	21 54	0 46	16 9	7 12	23 21	23 23	18 7	7 35	6 46		
T 9	22 27	11 18		4 15	18 14	4 51	18 24	4 32	21 10	1 9	16 47	0 45	1 46	2 24	23 3	0 25	21 53	0 46	16 9	7 12	23 21	23 23	18 5	7 36	6 46		
F 10	22 20	15 43		3 24	18 16	4 51	18 16	4 43	21 2	1 9	16 43	0 45	1 46	2 24	23 3	0 25	21 53	0 46	16 9	7 12	23 21	23 23	18 4	7 36	6 47		
S 11	22 12	19 27		2 21	18 20	4 48	18 9	4 53	20 53	1 9	16 39	0 45	1 47	2 24	23 3	0 25	21 53	0 46	16 9	7 12	23 21	23 23	18 2	7 37	6 47		
S 12	22 4	22 9		1 7	18 25	4 45	18 2	5 3	20 45	1 9	16 36	0 45	1 47	2 25	23 3	0 25	21 53	0 45	16 9	7 12	23 21	23 23	18 1	7 37	6 47		
M13	21 56	23 27		0s13	18 31	4 40	17 55	5 12	20 36	1 9	16 32	0 45	1 47	2 25	23 4	0 25	21 52	0 45	16 10	7 12	23 21	23 23	17 59	7 38	6 47		
T 14	21 47	23 8		1 34	18 39	4 33	17 49	5 20	20 27	1 9	16 28	0 45	1 47	2 25	23 4	0 25	21 52	0 45	16 10	7 12	23 21	23 23	17 57	7 39	6 48		
W15	21 38	21 8		2 49	18 47	4 25	17 43	5 28	20 18	1 9	16 24	0 45	1 47	2 26	23 4	0 25	21 52	0 45	16 10	7 12	23 21	23 23	17 56	7 39	6 48		
T 16	21 29	17 40		3 53	18 56	4 17	17 38	5 35	20 9	1 9	16 21	0 45	1 47	2 26	23 5	0 25	21 52	0 45	16 10	7 12	23 21	23 23	17 54	7 40	6 48		
F 17	21 19	13 6		4 40	19 6	4 7	17 33	5 41	19 59	1 9	16 17	0 45	1 47	2 26	23 5	0 25	21 52	0 45	16 10	7 12	23 21	23 23	17 52	7 41	6 48		
S 18	21 9	7 49		5 7	19 16	3 56	17 29	5 47	19 50	1 9	16 13	0 45	1 47	2 26	23 5	0 25	21 51	0 45	16 10	7 12	23 21	23 24	17 51	7 41	6 48		
S 19	20 59	2 14		5 15	19 27	3 44	17 25	5 52	19 40	1 9	16 9	0 45	1 47	2 27	23 5	0 26	21 51	0 45	16 10	7 12	23 21	23 24	17 49	7 42	6 48		
M20	20 48	3n19		5 4	19 38	3 31	17 22	5 56	19 30	1 9	16 5	0 45	1 47	2 27	23 6	0 26	21 51	0 45	16 10	7 12	23 21	23 24	17 48	7 43	6 49		
T 21	20 37	8 33		4 36	19 50	3 18	17 19	6 0	19 21	1 9	16 1	0 45	1 47	2 27	23 6	0 26	21 51	0 45	16 10	7 12	23 21	23 24	17 46	7 43	6 49		
W22	20 25	13 15		3 54	20 1	3 5	17 17	6 3	19 11	1 9	15 58	0 45	1 46	2 27	23 6	0 26	21 50	0 45	16 10	7 12	23 21	23 24	17 44	7 44	6 49		
T 23	20 13	17 14		3 1	20 12	2 51	17 15	6 5	19 0	1 9	15 54	0 45	1 46	2 28	23 6	0 26	21 50	0 45	16 10	7 12	23 21	23 24	17 43	7 45	6 49		
F 24	20 1	20 21		2 0	20 23	2 36	17 13	6 7	18 50	1 9	15 50	0 45	1 46	2 28	23 7	0 26	21 50	0 45	16 10	7 12	23 21	23 24	17 41	7 46	6 49		
S 25	19 48	22 27		0 55	20 34	2 21	17 12	6 9	18 40	1 9	15 46	0 46	1 46	2 28	23 7	0 26	21 50	0 45	16 10	7 12	23 21	23 24	17 39	7 46	6 49		
S 26	19 36	23 27		0n12	20 44	2 6	17 11	6 9	18 29	1 9	15 42	0 46	1 45	2 29	23 7	0 26	21 49	0 45	16 10	7 12	23 21	23 24	17 38	7 47	6 49		
M27	19 22	23 20		1 17	20 53	1 51	17 11	6 10	18 19	1 9	15 38	0 46	1 45	2 29	23 7	0 26	21 49	0 45	16 10	7 12	23 21	23 24	17 36	7 48	6 49		
T 28	19 9	22 9		2 18	21 1	1 36	17 11	6 10	18 8	1 9	15 34	0 46	1 44	2 29	23 8	0 26	21 49	0 45	16 10	7 13	23 21	23 24	17 34	7 49	6 50		
W29	18 55	19 59		3 13	21 8	1 21	17 11	6 9	17 57	1 9	15 30	0 46	1 44	2 29	23 8	0 26	21 49	0 45	16 10	7 13	23 22	23 25	17 33	7 50	6 50		
T 30	18 41	16 59		3 59	21 14	1 7	17 12	6 8	17 46	1 9	15 26	0 46	1 43	2 30	23 8	0 26	21 48	0 45	16 10	7 13	23 22	23 25	17 31	7 50	6 50		
F 31	18n26	13n18		4n35	21n18	0s52	17n13	6s 7	17n35	1n 9	15n21	0n46	1n43	2s30	23s 8	0s26	21n48	0s45	16n10	7s13	23n22	23n25	17n29	7s51	6n50		



# ASTRODIENST EPHEMERIS for the year 1908

## geocentric

AUGUST 1908

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 36 48	8♏19'03	18♐35	20♊ 3	5♊41	15♏12	20♏48	10°R 6	13°R58	15♊30	25♐18	4°R40	3♊12	23♏24	21°R29	S 1
S 2	20 40 44	9°16'29	0♏32	21°32	5°51	15°50	21° 1	10°Y 5	13♊56	15°32	25°19	4♊35	3° 8	23°31	21°26	S 2
M 3	20 44 41	10°13'56	12°37	23° 6	6° 4	16°28	21°14	10° 4	13°54	15°34	25°20	4°30	3° 5	23°38	21°23	M 3
T 4	20 48 37	11°11'23	24°53	24°44	6°18	17° 6	21°27	10° 3	13°52	15°36	25°21	4°28	3° 2	23°45	21°20	T 4
W 5	20 52 34	12° 8'51	7♐24	26°26	6°35	17°44	21°40	10° 2	13°50	15°38	25°22	4°D26	2°59	23°51	21°17	W 5
T 6	20 56 30	13° 6'20	20°15	28°12	6°53	18°22	21°53	10° 0	13°48	15°40	25°23	4°26	2°56	23°58	21°14	T 6
F 7	21 0 27	14° 3'49	3♊28	0♏ 1	7°13	19° 1	22° 6	9°59	13°46	15°42	25°24	4°27	2°53	24° 5	21°11	F 7
S 8	21 4 24	15° 1'20	17° 7	1°53	7°35	19°39	22°19	9°57	13°44	15°44	25°25	4°29	2°49	24°11	21° 8	S 8
S 9	21 8 20	15°58'51	1♊14	3°47	7°59	20°17	22°32	9°55	13°42	15°46	25°26	4°R30	2°46	24°18	21° 5	S 9
M10	21 12 17	16°56'23	15°47	5°44	8°24	20°55	22°45	9°54	13°40	15°48	25°27	4°29	2°43	24°25	21° 2	M10
T 11	21 16 13	17°53'57	0♏42	7°42	8°51	21°33	22°58	9°52	13°38	15°50	25°28	4°27	2°40	24°31	20°59	T 11
W12	21 20 10	18°51'31	15°53	9°42	9°19	22°11	23°12	9°50	13°37	15°52	25°29	4°23	2°37	24°38	20°56	W12
T 13	21 24 6	19°49'06	1♊11	11°43	9°49	22°49	23°25	9°48	13°35	15°54	25°30	4°17	2°34	24°45	20°53	T 13
F 14	21 28 3	20°46'43	16°23	13°45	10°20	23°28	23°38	9°46	13°33	15°56	25°31	4°10	2°30	24°51	20°50	F 14
S 15	21 31 59	21°44'20	1°Y21	15°47	10°53	24° 6	23°51	9°43	13°31	15°58	25°32	4° 3	2°27	24°58	20°46	S 15
S 16	21 35 56	22°42'00	15°55	17°49	11°27	24°44	24° 4	9°41	13°30	16° 0	25°33	3°58	2°24	25° 5	20°43	S 16
M17	21 39 53	23°39'41	0♊ 3	19°51	12° 3	25°22	24°17	9°38	13°28	16° 1	25°34	3°53	2°21	25°12	20°40	M17
T 18	21 43 49	24°37'23	13°41	21°53	12°39	26° 0	24°30	9°36	13°26	16° 3	25°34	3°51	2°18	25°18	20°37	T 18
W19	21 47 46	25°35'08	26°53	23°54	13°17	26°38	24°43	9°33	13°25	16° 5	25°35	3°D50	2°14	25°25	20°34	W19
T 20	21 51 42	26°32'54	9♐40	25°54	13°56	27°17	24°56	9°31	13°23	16° 7	25°36	3°51	2°11	25°32	20°31	T 20
F 21	21 55 39	27°30'41	22° 7	27°54	14°36	27°55	25° 9	9°28	13°22	16° 9	25°37	3°52	2° 8	25°38	20°28	F 21
S 22	21 59 35	28°28'31	4♊20	29°53	15°18	28°33	25°23	9°25	13°20	16°10	25°37	3°R53	2° 5	25°45	20°25	S 22
S 23	22 3 32	29°26'22	16°21	1♐50	16° 0	29°11	25°36	9°22	13°19	16°12	25°38	3°52	2° 2	25°52	20°22	S 23
M24	22 7 28	0♐24'14	28°15	3°46	16°43	29°49	25°49	9°19	13°17	16°14	25°39	3°49	1°59	25°58	20°19	M24
T 25	22 11 25	1°22'09	10♏ 6	5°42	17°27	0♐27	26° 2	9°16	13°16	16°16	25°40	3°43	1°55	26° 5	20°16	T 25
W26	22 15 22	2°20'05	21°55	7°36	18°12	1° 6	26°15	9°13	13°15	16°17	25°40	3°35	1°52	26°12	20°13	W26
T 27	22 19 18	3°18'02	3♐46	9°28	18°58	1°44	26°28	9° 9	13°13	16°19	25°41	3°25	1°49	26°18	20°10	T 27
F 28	22 23 15	4°16'01	15°39	11°20	19°45	2°22	26°41	9° 6	13°12	16°21	25°42	3°14	1°46	26°25	20° 7	F 28
S 29	22 27 11	5°14'01	27°36	13°10	20°33	3° 0	26°54	9° 3	13°11	16°22	25°42	3° 2	1°43	26°32	20° 4	S 29
S 30	22 31 8	6°12'03	9♏39	14°59	21°21	3°38	27° 7	8°59	13°10	16°24	25°43	2°51	1°40	26°39	20° 1	S 30
M31	22 35 4	7♐10'07	21♏50	16♐47	22♊10	4♐17	27♏20	8°Y56	13♊ 9	16♊25	25♐43	2♊42	1♊36	26♏45	19°58	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	18n12	9n 6	4n59	21n20	0s38	17n15	6s 6	17n23	1n 9	15n17	0n46	1n42	2s30	23s 8	0s26	21n48
S 2	17 57	4 32	5 10	21 20	0 24	17 16	6 4	17 12	1 9	15 13	0 46	1 41	2 31	23 9	0 26	21 48
M 3	17 41	0s15	5 8	21 18	0 10	17 18	6 1	17 1	1 9	15 9	0 46	1 40	2 31	23 9	0 26	21 47
T 4	17 26	5 7	4 52	21 14	0n 2	17 20	5 59	16 49	1 9	15 5	0 46	1 41	2 31	23 9	0 26	21 47
W 5	17 10	9 52	4 21	21 7	0 15	17 22	5 56	16 37	1 9	15 1	0 46	1 39	2 31	23 9	0 26	21 47
T 6	16 53	14 19	3 37	20 58	0 27	17 24	5 53	16 25	1 9	14 57	0 46	1 38	2 32	23 9	0 26	21 47
F 7	16 37	18 14	2 40	20 46	0 38	17 27	5 49	16 13	1 9	14 53	0 46	1 38	2 32	23 10	0 25	21 46
S 8	16 20	21 17	1 33	20 32	0 48	17 29	5 46	16 1	1 9	14 48	0 46	1 37	2 32	23 10	0 25	21 46
S 9	16 3 23	9 0	18 20	14 0	0 57	17 31	5 42	15 49	1 9	14 44	0 46	1 36	2 32	23 10	0 25	21 46
M10	15 46	23 31	1s 1	19 55	1 6	17 34	5 38	15 37	1 9	14 40	0 46	1 35	2 33	23 10	0 25	21 46
T 11	15 28	22 14	2 17	19 32	1 14	17 37	5 33	15 25	1 9	14 36	0 46	1 34	2 33	23 10	0 25	21 46
W12	15 11	19 20	3 25	19 7	1 21	17 39	5 29	15 12	1 9	14 31	0 46	1 33	2 33	23 11	0 25	21 45
T 13	14 53	15 5	4 18	18 40	1 27	17 42	5 24	15 0	1 9	14 27	0 46	1 32	2 33	23 11	0 25	21 45
F 14	14 34	9 53	4 53	18 10	1 32	17 44	5 20	14 47	1 9	14 23	0 46	1 31	2 34	23 11	0 25	21 45
S 15	14 16	4 10	5 7	17 39	1 36	17 46	5 15	14 34	1 9	14 19	0 47	1 30	2 34	23 11	0 25	21 45
S 16	13 57	1n38	5 1	17 5	1 40	17 49	5 10	14 22	1 9	14 14	0 47	1 29	2 34	23 11	0 25	21 44
M17	13 38	7 10	4 37	16 29	1 42	17 51	5 5	14 9	1 8	14 10	0 47	1 27	2 34	23 12	0 25	21 44
T 18	13 19	12 11	3 57	15 52	1 44	17 53	5 0	13 56	1 8	14 6	0 47	1 26	2 35	23 12	0 25	21 44
W19	13 0	16 27	3 6	15 13	1 45	17 54	4 54	13 43	1 8	14 1	0 47	1 25	2 35	23 12	0 25	21 44
T 20	12 40	19 50	2 6	14 33	1 46	17 56	4 49	13 29	1 8	13 57	0 47	1 24	2 35	23 12	0 25	21 44
F 21	12 21	22 10	1 3	13 52	1 46	17 57	4 43	13 16	1 8	13 53	0 47	1 22	2 35	23 12	0 25	21 43
S 22	12 1	23 25	0n 2	13 9	1 45	17 58	4 38	13 3	1 8	13 48	0 47	1 21	2 35	23 12	0 25	21 43
S 23	11 40	23 33	1 6	12 26	1 43	17 59	4 32	12 49	1 8	13 44	0 47	1 20	2 36	23 12	0 25	21 43
M24	11 20	22 35	2 7	11 42	1 41	18 0	4 26	12 36	1 8	13 40	0 47	1 18	2 36	23 13	0 25	21 43
T 25	11 0	20 38	3 1	10 57	1 39	18 0	4 21	12 22	1 8	13 35	0 47	1 17	2 36	23 13	0 25	21 42
W26	10 39	17 48	3 48	10 12	1 35	18 0	4 15	12 9	1 8	13 31	0 47	1 15	2 36	23 13	0 25	21 42
T 27	10 18	14 14	4 24	9 26	1 32	18 0	4 9	11 55	1 8	13 27	0 47	1 14	2 37	23 13	0 25	21 42
F 28	9 57	10 6	4 49	8 40	1 28	17 59	4 3	11 41	1 8	13 22	0 47	1 12	2 37	23 13	0 25	21 42
S 29	9 36	5 34	5 3	7 54	1 23	17 58	3 57	11 27	1 7	13 18	0 48	1 11	2 37	23 13	0 25	21 42
S 30	9 14	0 47	5 1	7 8	1 19	17 57	3 51	11 13	1 7	13 13	0 48	1 9	2 37	23 13	0 25	21 41
M31	8n53	4s 5	4n46	6n21	1n14	17n55	3s45	10n59	1n 7	13n 9	0n48	1n 8	2s37	23s13	0s25	21n41

Julian Day Number = 2418154.5, Delta T = 9.39 sec  
 Ecliptic obliquity = 23°27'04, Nutation = - 0°00'16, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°27'49, Lahiri = 22°34'49



# ASTRODIENST EPHEMERIS for the year 1908

## geocentric

OCTOBER 1908

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 37 17	7♂24'25	9♂28	2♂32	22♂ 7	24♂ 4	3♂49	6°R41	12♂58	17♂ 0	25°R51	29°R31	29♂58	0♂13	18°R45	T 1
F 2	0 41 14	8°23'28	22°38	3°39	23°12	24°42	4° 1	6°Y36	12°58	17° 1	25♂51	29♂30	29°55	0°20	18°43	F 2
S 3	0 45 11	9°22'33	6♂ 5	4°44	24°16	25°21	4°13	6°32	12°59	17° 2	25°50	29°30	29°51	0°26	18°41	S 3
S 4	0 49 7	10°21'40	19°52	5°46	25°21	25°59	4°25	6°27	12°59	17° 2	25°50	29°30	29°48	0°33	18°40	S 4
M 5	0 53 4	11°20'49	4♂ 0	6°46	26°26	26°38	4°37	6°22	13° 0	17° 3	25°50	29°28	29°45	0°40	18°38	M 5
T 6	0 57 0	12°19'59	18°27	7°43	27°31	27°16	4°48	6°18	13° 1	17° 3	25°50	29°25	29°42	0°47	18°37	T 6
W 7	1 0 57	13°19'11	3♂12	8°37	28°37	27°55	5° 0	6°13	13° 1	17° 4	25°50	29°18	29°39	0°53	18°35	W 7
T 8	1 4 53	14°18'24	18° 8	9°28	29°43	28°33	5°11	6° 8	13° 2	17° 4	25°49	29° 9	29°36	1° 0	18°34	T 8
F 9	1 8 50	15°17'40	3°Y 6	10°15	0♂49	29°12	5°23	6° 4	13° 3	17° 5	25°49	28°59	29°32	1° 7	18°33	F 9
S 10	1 12 46	16°16'57	17°59	10°59	1°55	29°50	5°34	5°59	13° 4	17° 5	25°49	28°48	29°29	1°13	18°32	S 10
S 11	1 16 43	17°16'17	2♂35	11°38	3° 2	0♂29	5°45	5°54	13° 5	17° 5	25°48	28°38	29°26	1°20	18°30	S 11
M12	1 20 39	18°15'39	16°50	12°13	4° 9	1° 7	5°57	5°50	13° 6	17° 6	25°48	28°30	29°23	1°27	18°29	M12
T 13	1 24 36	19°15'03	0♂37	12°43	5°16	1°46	6° 8	5°45	13° 7	17° 6	25°48	28°24	29°20	1°33	18°28	T 13
W14	1 28 33	20°14'29	13°57	13° 7	6°23	2°24	6°19	5°41	13° 8	17° 6	25°47	28°21	29°17	1°40	18°27	W14
T 15	1 32 29	21°13'58	26°50	13°25	7°30	3° 3	6°30	5°36	13° 9	17° 6	25°47	28°D20	29°13	1°47	18°27	T 15
F 16	1 36 26	22°13'29	9♂21	13°37	8°38	3°42	6°41	5°32	13°10	17° 7	25°47	28°20	29°10	1°54	18°26	F 16
S 17	1 40 22	23°13'02	21°34	13°R42	9°46	4°20	6°52	5°28	13°11	17° 7	25°46	28°R21	29° 7	2° 0	18°25	S 17
S 18	1 44 19	24°12'37	3♂34	13°39	10°54	4°59	7° 2	5°23	13°13	17° 7	25°46	28°20	29° 4	2° 7	18°24	S 18
M19	1 48 15	25°12'15	15°26	13°28	12° 2	5°37	7°13	5°19	13°14	17° 7	25°45	28°18	29° 1	2°14	18°24	M19
T 20	1 52 12	26°11'55	27°16	13° 9	13°11	6°16	7°24	5°15	13°15	17° 7	25°45	28°13	28°57	2°20	18°23	T 20
W21	1 56 9	27°11'37	9♂ 8	12°41	14°19	6°55	7°34	5°11	13°17	17°R 7	25°44	28° 6	28°54	2°27	18°22	W21
T 22	2 0 5	28°11'21	21° 5	12° 4	15°28	7°33	7°45	5° 6	13°18	17° 7	25°44	27°57	28°51	2°34	18°22	T 22
F 23	2 4 2	29°11'08	3♂11	11°18	16°37	8°12	7°55	5° 2	13°20	17° 7	25°43	27°46	28°48	2°41	18°22	F 23
S 24	2 7 58	0♂10'56	15°27	10°23	17°46	8°51	8° 5	4°58	13°21	17° 7	25°42	27°35	28°45	2°47	18°21	S 24
S 25	2 11 55	1°10'47	27°55	9°22	18°56	9°30	8°15	4°54	13°23	17° 7	25°42	27°24	28°42	2°54	18°21	S 25
M26	2 15 51	2°10'39	10♂34	8°13	20° 5	10° 8	8°25	4°50	13°24	17° 7	25°41	27°15	28°38	3° 1	18°21	M26
T 27	2 19 48	3°10'34	23°24	7° 0	21°15	10°47	8°35	4°47	13°26	17° 6	25°41	27° 8	28°35	3° 7	18°21	T 27
W28	2 23 44	4°10'30	6♂26	5°44	22°24	11°26	8°45	4°43	13°28	17° 6	25°40	27° 3	28°32	3°14	18°20	W28
T 29	2 27 41	5°10'28	19°39	4°27	23°34	12° 5	8°55	4°39	13°30	17° 6	25°39	27° 1	28°29	3°21	18°D20	T 29
F 30	2 31 37	6°10'28	3♂ 3	3°11	24°44	12°43	9° 5	4°35	13°32	17° 6	25°39	27°D 1	28°26	3°27	18°20	F 30
S 31	2 35 34	7♂10'30	16♂39	2♂ 0	25♂55	13♂22	9♂14	4°Y32	13♂33	17♂ 5	25♂38	27♂ 2	28♂23	3♂34	18°21	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	decl	lat
T 1	2s56	20s10	1n44	14s41	2s28	13n28	0s43	3n19	1n 3	10n54	0n51	0n12	2s41	23s14	0s25	21n37	0s46	16n 4	7s19	23n27	23n27	15n35	8s53	6n39							
F 2	3 20	22 39	0 36	15 10	2 35	13 12	0 38	3 4	1 2	10 50	0 51	0 10	2 41	23 14	0 25	21 36	0 46	16 4	7 19	23 27	23 27	15 33	8 54	6 39							
S 3	3 43	23 53	0s35	15 38	2 41	12 55	0 33	2 48	1 2	10 46	0 51	0 8	2 41	23 14	0 25	21 36	0 46	16 4	7 19	23 27	23 27	15 31	8 55	6 38							
S 4	4 6	23 43	1 46	16 4	2 47	12 38	0 28	2 33	1 2	10 42	0 52	0 6	2 41	23 14	0 25	21 36	0 46	16 4	7 19	23 27	23 27	15 29	8 56	6 38							
M 5	4 29	22 3	2 52	16 29	2 52	12 21	0 23	2 17	1 2	10 38	0 52	0 4	2 41	23 14	0 25	21 36	0 46	16 4	7 19	23 27	23 27	15 27	8 56	6 37							
T 6	4 53	18 55	3 48	16 53	2 57	12 3	0 18	2 2	1 2	10 33	0 52	0 3	2 41	23 14	0 25	21 36	0 46	16 4	7 19	23 27	23 27	15 25	8 57	6 37							
W 7	5 16	14 33	4 31	17 15	3 2	11 45	0 13	1 46	1 1	10 29	0 52	0 1	2 41	23 14	0 25	21 36	0 46	16 4	7 20	23 27	23 27	15 23	8 58	6 37							
T 8	5 39	9 14	4 56	17 35	3 6	11 27	0 8	1 31	1 1	10 25	0 52	0s 1	2 41	23 13	0 25	21 36	0 46	16 4	7 20	23 27	23 27	15 21	8 59	6 36							
F 9	6 2	3 22	5 0	17 54	3 10	11 8	0 3	1 15	1 1	10 21	0 52	0 3	2 41	23 13	0 25	21 36	0 46	16 3	7 20	23 27	23 27	15 19	9 0	6 36							
S 10	6 24	2n40	4 45	18 11	3 13	10 49	0n 1	1 0	1 1	10 17	0 52	0 5	2 40	23 13	0 25	21 36	0 46	16 3	7 20	23 27	23 27	15 17	9 0	6 35							
S 11	6 47	8 27	4 11	18 26	3 16	10 29	0 6	0 44	1 1	10 13	0 53	0 6	2 40	23 13	0 25	21 36	0 46	16 3	7 20	23 27	23 27	15 15	9 1	6 35							
M12	7 10	13 39	3 21	18 38	3 17	10 9	0 10	0 29	1 0	10 9	0 53	0 8	2 40	23 13	0 25	21 36	0 46	16 3	7 20	23 27	23 27	15 13	9 2	6 35							
T 13	7 32	17 59	2 22	18 49	3 18	9 49	0 15	0 13	1 0	10 5	0 53	0 10	2 40	23 13	0 25	21 36	0 46	16 3	7 20	23 26	23 27	15 11	9 2	6 34							
W14	7 55	21 14	1 16	18 56	3 19	9 28	0 19	0s 3	1 0	10 1	0 53	0 12	2 40	23 13	0 25	21 36	0 46	16 3	7 20	23 26	23 27	15 9	9 3	6 34							
T 15	8 17	23 17	0 8	19 1	3 18	9 7	0 23	0 18	1 0	9 57	0 53	0 13	2 40	23 13	0 25	21 36	0 46	16 3	7 20	23 26	23 27	15 7	9 4	6 33							
F 16	8 39	24 6	0n58	19 3	3 16	8 46	0 27	0 34	0 59	9 53	0 53	0 15	2 40	23 13	0 25	21 35	0 46	16 3	7 21	23 26	23 27	15 4	9 5	6 33							
S 17	9 2	23 42	2 0	19 2	3 13	8 24	0 32	0 49	0 59	9 50	0 54	0 17	2 40	23 12	0 25	21 35	0 46	16 3	7 21	23 26	23 27	15 2	9 5	6 32							
S 18	9 24	22 13	2 56	18 57	3 9	8 2	0 36	1 5	0 59	9 46	0 54	0 18	2 40	23 12	0 25	21 35	0 46	16 2	7 21	23 26	23 27	15 0	9 6	6 32							
M19	9 45	19 46	3 44	18 48	3 3	7 40	0 40	1 20	0 59	9 42	0 54	0 20	2 40	23 12	0 25	21 35	0 46	16 2	7 21	23 26	23 27	14 58	9 6	6 32							
T 20	10 7	16 31	4 21	18 35	2 56	7 17	0 43	1 36	0 58	9 38	0 54	0 22	2 40	23 12	0 25	21 35	0 46	16 2	7 21	23 26	23 27	14 56	9 7	6 31							
W21	10 29	12 35	4 48	18 18	2 47	6 54	0 47	1 51	0 58	9 34	0 54	0 23	2 40	23 12	0 25	21 35	0 46	16 2	7 21	23 26	23 27	14 54	9 8	6 31							
T 22	10 50	8 9	5 2	17 56	2 36	6 31	0 51	2 7	0 58	9 31	0 54	0 25	2 40	23 12	0 25	21 35	0 46	16 2	7 21	23 26	23 27	14 52	9 8	6 30							
F 23	11 11	3 22	5 3	17 30	2 23	6 7	0 54	2 22	0 58	9 27	0 55	0 26	2 40	23 12	0 25	21 35	0 46	16 2	7 21	23 26	23 27	14 50	9 9	6 30							
S 24	11 32	1s38	4 49	16 59	2 9	5 43	0 58	2 38	0 57	9 23	0 55	0 28	2 39	23 11	0 25	21 35	0 46	16 2	7 21	23 26	23 27	14 48	9 9	6 29							
S 25	11 53	6 39	4 23	16 25	1 53	5 19	1 1	2 53	0 57	9 20	0 55	0 29	2 39	23 11	0 25	21 35	0 46	16 2	7 21	23 26	23 27	14 46	9 10	6 29							
M26	12 14	11 29	3 42	15 46	1 36	4 55	1 4	3 9	0 57	9 16	0 55	0 31	2 39	23 11	0 25	21 35	0 46	16 2	7 22	23 25	23 27	14 44	9 10	6 29							
T 27	12 35	15 53	2 50	15 4	1 17	4 30	1 8	3 24	0 57	9 12	0 55	0 32	2 39	23 11	0 25	21 35	0 46	16 1	7 22	23 25	23 27	14 42	9 11	6 28							
W28	12 55	19 37	1 48	14 20	0 57	4 6	1 11	3 40	0 56	9 9	0 55	0 34	2 39	23 11	0 25	21 35	0 46	16 1	7 22	23 25	23 27	14 40	9 11	6 28							
T 29	13 15	22 23	0 40	13 35	0 37	3 41	1 14	3 55	0 56	9 5	0 56	0 35	2 39	23 10	0 25	21 35	0 46	16 1	7 22	23 25	23 27	14 37	9 12	6 27							
F 30	13 35	23 57	0s32	12 50	0 16	3 16	1 17	4 10	0 56	9 2	0 56	0 36	2 39	23 10	0 25	21 35	0 46	16 1	7 22	23 25	23 27	14 35	9 12	6 27							
S 31	13s55	24s 8	1s44	12s 6	0n 5	2n50	1n19	4s26	0n56	8n59	0n56	0s37	2s39	23s10	0s25	21n35	0s46	16n 1	7s22	23n25	23n26	14n33	9s12	6n26							

ASTRODIENST EPHEMERIS for the year 1908  
geocentric

NOVEMBER 1908

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 39 31	8♐10'33	0♈28	0°R54	27♐5	14♏1	9♐24	4°R28	13♏35	17°R 5	25°R37	27♐3	28♐19	3♐41	18♏21	S 1
M 2	2 43 27	9°10'38	14°29	29♏57	28°16	14°40	9°33	4°Y25	13°37	17°4	25°I36	27°R 3	28°16	3°48	18°21	M 2
T 3	2 47 24	10°10'44	28°42	29°10	29°26	15°19	9°42	4°22	13°39	17° 4	25°36	27° 2	28°13	3°54	18°21	T 3
W 4	2 51 20	11°10'52	13♐6	28°33	0♏37	15°57	9°51	4°18	13°41	17° 4	25°35	26°58	28°10	4° 1	18°22	W 4
T 5	2 55 17	12°11'01	27°36	28° 8	1°48	16°36	10° 0	4°15	13°43	17° 3	25°34	26°53	28° 7	4° 8	18°22	T 5
F 6	2 59 13	13°11'11	12°Y 8	27°54	2°59	17°15	10° 9	4°12	13°46	17° 3	25°33	26°46	28° 3	4°14	18°23	F 6
S 7	3 3 10	14°11'24	26°35	27°D52	4°10	17°54	10°18	4° 9	13°48	17° 2	25°32	26°39	28° 0	4°21	18°23	S 7
S 8	3 7 6	15°11'38	10♏51	28° 1	5°21	18°33	10°27	4° 6	13°50	17° 1	25°32	26°33	27°57	4°28	18°24	S 8
M 9	3 11 3	16°11'54	24°50	28°20	6°32	19°12	10°35	4° 3	13°52	17° 1	25°31	26°27	27°54	4°35	18°24	M 9
T 10	3 15 0	17°12'11	8♐29	28°49	7°44	19°51	10°44	4° 0	13°55	17° 0	25°30	26°24	27°51	4°41	18°25	T 10
W11	3 18 56	18°12'31	21°45	29°27	8°56	20°30	10°52	3°58	13°57	16°59	25°29	26°D22	27°48	4°48	18°26	W11
T 12	3 22 53	19°12'52	4♏38	0♐12	10° 7	21° 9	11° 0	3°55	13°59	16°59	25°28	26°23	27°44	4°55	18°27	T 12
F 13	3 26 49	20°13'15	17°11	1° 5	11°19	21°48	11° 8	3°52	14° 2	16°58	25°27	26°24	27°41	5° 1	18°28	F 13
S 14	3 30 46	21°13'40	29°26	2° 4	12°31	22°27	11°16	3°50	14° 4	16°57	25°26	26°26	27°38	5° 8	18°29	S 14
S 15	3 34 42	22°14'07	11♏29	3° 8	13°43	23° 6	11°24	3°48	14° 7	16°56	25°25	26°27	27°35	5°15	18°30	S 15
M16	3 38 39	23°14'36	23°23	4°16	14°55	23°45	11°32	3°45	14° 9	16°56	25°24	26°R28	27°32	5°22	18°31	M16
T 17	3 42 35	24°15'07	5♐15	5°29	16° 7	24°24	11°39	3°43	14°12	16°55	25°23	26°27	27°28	5°28	18°32	T 17
W18	3 46 32	25°15'39	17° 8	6°45	17°20	25° 3	11°46	3°41	14°14	16°54	25°22	26°25	27°25	5°35	18°33	W18
T 19	3 50 29	26°16'13	29° 8	8° 4	18°32	25°42	11°54	3°39	14°17	16°53	25°21	26°21	27°22	5°42	18°35	T 19
F 20	3 54 25	27°16'49	11♏18	9°26	19°45	26°21	12° 1	3°37	14°20	16°52	25°20	26°17	27°19	5°48	18°36	F 20
S 21	3 58 22	28°17'26	23°41	10°49	20°57	27° 0	12° 8	3°36	14°22	16°51	25°19	26°12	27°16	5°55	18°38	S 21
S 22	4 2 18	29°18'06	6♐19	12°15	22°10	27°39	12°15	3°34	14°25	16°50	25°18	26° 7	27°13	6° 2	18°39	S 22
M23	4 6 15	0♐18'46	19°14	13°42	23°23	28°18	12°21	3°33	14°28	16°49	25°17	26° 3	27° 9	6° 9	18°41	M23
T 24	4 10 11	1°19'28	2♐25	15°10	24°35	28°58	12°28	3°31	14°31	16°48	25°16	26° 0	27° 6	6°15	18°42	T 24
W25	4 14 8	2°20'12	15°50	16°39	25°48	29°37	12°34	3°30	14°34	16°47	25°15	25°59	27° 3	6°22	18°44	W25
T 26	4 18 4	3°20'57	29°29	18° 8	27° 1	0♐16	12°40	3°29	14°36	16°46	25°14	25°D58	27° 0	6°29	18°46	T 26
F 27	4 22 1	4°21'43	13♏18	19°39	28°14	0°55	12°47	3°27	14°39	16°45	25°13	25°59	26°57	6°35	18°48	F 27
S 28	4 25 58	5°22'30	27°16	21°10	29°27	1°34	12°52	3°26	14°42	16°43	25°12	26° 0	26°54	6°42	18°49	S 28
S 29	4 29 54	6°23'18	11♏20	22°42	0♐41	2°13	12°58	3°26	14°45	16°42	25°11	26° 2	26°50	6°49	18°51	S 29
M30	4 33 51	7♐24'07	25♏29	24♐14	1♐54	2♐53	13♐4	3°Y25	14♏48	16°41	25°I 9	26°I 3	26°I47	6♐56	18♏53	M30

Day	☉	☽		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	14s14	22s50	2s50	11s25	0n24	2n25	1n22	4s41	0n55	8n55	0n56	0s39	2s38	23s10	0s25	21n35	0s46	16n 1	7s22	23n25	23n26	14n31	9s13	6n26				
M 2	14 34	20 7	3 47	10 47	0 43	1 59	1 25	4 56	0 55	8 52	0 56	0 40	2 38	23 10	0 25	21 35	0 46	16 1	7 22	23 25	23 26	14 29	9 13	6 25				
T 3	14 53	16 10	4 32	10 14	1 1	1 33	1 27	5 11	0 55	8 49	0 57	0 41	2 38	23 9	0 25	21 36	0 46	16 1	7 22	23 25	23 26	14 27	9 13	6 25				
W 4	15 11	11 15	4 59	9 46	1 16	1 7	1 30	5 27	0 54	8 45	0 57	0 42	2 38	23 9	0 24	21 36	0 47	16 1	7 22	23 25	23 26	14 25	9 14	6 24				
T 5	15 30	5 40	5 8	9 24	1 30	0 41	1 32	5 42	0 54	8 42	0 57	0 43	2 38	23 9	0 24	21 36	0 47	16 1	7 22	23 25	23 26	14 23	9 14	6 24				
F 6	15 48	0n14	4 57	9 8	1 43	0 15	1 34	5 57	0 54	8 39	0 57	0 44	2 38	23 9	0 24	21 36	0 47	16 0	7 22	23 25	23 26	14 20	9 14	6 24				
S 7	16 6	6 6	4 28	8 58	1 53	0s11	1 36	6 12	0 53	8 36	0 57	0 46	2 37	23 8	0 24	21 36	0 47	16 0	7 22	23 25	23 26	14 18	9 15	6 23				
S 8	16 24	11 35	3 41	8 53	2 1	0 38	1 38	6 27	0 53	8 33	0 58	0 47	2 37	23 8	0 24	21 36	0 47	16 0	7 22	23 24	23 26	14 16	9 15	6 23				
M 9	16 42	16 21	2 43	8 54	2 8	1 4	1 40	6 42	0 53	8 30	0 58	0 48	2 37	23 8	0 24	21 36	0 47	16 0	7 23	23 24	23 26	14 14	9 15	6 22				
T 10	16 59	20 9	1 36	8 59	2 13	1 31	1 42	6 57	0 53	8 27	0 58	0 48	2 37	23 8	0 24	21 36	0 47	16 0	7 23	23 24	23 26	14 12	9 15	6 22				
W11	17 16	22 47	0 25	9 9	2 17	1 57	1 44	7 12	0 52	8 24	0 58	0 49	2 37	23 8	0 24	21 36	0 47	16 0	7 23	23 24	23 26	14 10	9 15	6 21				
T 12	17 32	24 7	0n45	9 23	2 19	2 24	1 45	7 27	0 52	8 21	0 58	0 50	2 37	23 7	0 24	21 36	0 47	16 0	7 23	23 24	23 26	14 8	9 16	6 21				
F 13	17 49	24 11	1 51	9 40	2 20	2 51	1 47	7 42	0 52	8 18	0 59	0 51	2 36	23 7	0 24	21 36	0 47	16 0	7 23	23 24	23 26	14 5	9 16	6 20				
S 14	18 5	23 3	2 50	10 1	2 20	3 17	1 48	7 57	0 51	8 15	0 59	0 52	2 36	23 7	0 24	21 36	0 47	16 0	7 23	23 24	23 26	14 3	9 16	6 20				
S 15	18 20	20 53	3 41	10 24	2 18	3 44	1 49	8 12	0 51	8 12	0 59	0 53	2 36	23 6	0 24	21 36	0 47	16 0	7 23	23 24	23 26	14 1	9 16	6 20				
M16	18 36	17 51	4 22	10 49	2 16	4 11	1 51	8 26	0 51	8 10	0 59	0 53	2 36	23 6	0 24	21 36	0 47	16 0	7 23	23 24	23 26	13 59	9 16	6 19				
T 17	18 51	14 6	4 51	11 16	2 13	4 37	1 52	8 41	0 50	8 7	1 0	0 54	2 36	23 6	0 24	21 37	0 47	16 0	7 23	23 24	23 26	13 57	9 16	6 19				
W18	19 5	9 49	5 8	11 44	2 10	5 4	1 53	8 56	0 50	8 4	1 0	0 55	2 35	23 6	0 24	21 37	0 47	15 59	7 23	23 24	23 26	13 54	9 16	6 18				
T 19	19 20	5 7	5 12	12 13	2 6	5 31	1 54	9 10	0 50	8 2	1 0	0 55	2 35	23 5	0 24	21 37	0 47	15 59	7 23	23 24	23 26	13 52	9 16	6 18				
F 20	19 34	0 10	5 2	12 44	2 1	5 57	1 55	9 25	0 49	7 59	1 0	0 56	2 35	23 5	0 24	21 37	0 47	15 59	7 23	23 24	23 25	13 50	9 16	6 17				
S 21	19 47	4s54	4 38	13 15	1 56	6 24	1 55	9 39	0 49	7 57	1 1	0 56	2 35	23 5	0 24	21 37	0 47	15 59	7 23	23 24	23 25	13 48	9 16	6 17				
S 22	20 1	9 52	3 59	13 46	1 50	6 50	1 56	9 53	0 48	7 54	1 1	0 57	2 34	23 4	0 24	21 37	0 47	15 59	7 23	23 24	23 25	13 46	9 16	6 16				
M23	20 14	14 31	3 8	14 18	1 44	7 17	1 56	10 8	0 48	7 52	1 1	0 57	2 34	23 4	0 24	21 37	0 47	15 59	7 23	23 24	23 25	13 43	9 16	6 16				
T 24	20 26	18 36	2 6	14 49	1 38	7 43	1 57	10 22	0 48	7 50	1 1	0 57	2 34	23 4	0 24	21 37	0 47	15 59	7 23	23 23	23 25	13 41	9 16	6 16				
W25	20 38	21 47	0 55	15 21	1 32	8 9	1 57	10 36	0 47	7 48	1 1	0 58	2 34	23 3	0 24	21 37	0 47	15 59	7 23	23 23	23 25	13 39	9 16	6 15				
T 26	20 50	23 46	0s19	15 52	1 25	8 35	1 57	10 50	0 47	7 45	1 2	0 58	2 34	23 3	0 24	21 38	0 47	15 59	7 23	23 23	23 25	13 37	9 16	6 15				
F 27	21 2	24 21	1 34	16 24	1 19	9 1	1 58	11 4	0 47	7 43	1 2	0 58	2 33	23 3	0 24	21 38	0 47	15 59	7 23	23 23	23 25	13 35	9 16	6 14				
S 28	21 13	23 24	2 44	16 54	1 12	9 27	1 58	11 18	0 46	7 41	1 2	0 58	2 33	23 3	0 24	21 38	0 47	15 59	7 23	23 23	23 25	13 32	9 15	6 14				
S 29	21 23	20 59	3 45	17 25	1 5	9 53	1 58	11 32	0 46	7 39	1 2	0 59	2 33	23 2	0 24	21 38	0 47	15 59	7 23	23 23	23 25	13 30	9 15	6 13				
M30	21s33	17s18	4s32	17s54	0n58	10s18	1n58	11s46	0n45	7n37	1n 3	0s59	2s33	23s 2	0s24	21n38	0s47	15n59	7s23	23n24	23n25	13n28	9s15	6n13				

ASTRODIENST EPHEMERIS for the year 1908  
geocentric

DECEMBER 1908

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	4 37 47	8♌24°57	9♋40	25♊46	3♊7	3♊32	13♊9	3°R24	14♏51	16°R40	25°R 8	26°R 3	26♊44	7♎2	18♏55	T 1
W 2	4 41 44	9°25'48	23°51	27°18	4°20	4°11	13°15	3°V23	14°54	16♏38	25♊7	26♊3	26°41	7°9	18°57	W 2
T 3	4 45 40	10°26'39	8°V 0	28°51	5°34	4°50	13°20	3°23	14°57	16°37	25°6	26°1	26°38	7°16	19°0	T 3
F 4	4 49 37	11°27'32	22°4	0♌24	6°47	5°30	13°25	3°23	15°0	16°36	25°5	26°0	26°34	7°22	19°2	F 4
S 5	4 53 33	12°28'25	6♋1	1°57	8°1	6°9	13°29	3°22	15°4	16°35	25°4	25°58	26°31	7°29	19°4	S 5
S 6	4 57 30	13°29'19	19°48	3°30	9°14	6°48	13°34	3°22	15°7	16°33	25°3	25°56	26°28	7°36	19°6	S 6
M 7	5 1 27	14°30'14	3♊22	5°3	10°28	7°28	13°39	3°D22	15°10	16°32	25°2	25°55	26°25	7°43	19°9	M 7
T 8	5 5 23	15°31'10	16°40	6°36	11°42	8°7	13°43	3°22	15°13	16°30	25°0	25°54	26°22	7°49	19°11	T 8
W 9	5 9 20	16°32'07	29°42	8°9	12°55	8°46	13°47	3°22	15°16	16°29	24°59	25°D54	26°19	7°56	19°14	W 9
T 10	5 13 16	17°33'04	12♏27	9°43	14°9	9°26	13°51	3°23	15°20	16°28	24°58	25°54	26°15	8°3	19°16	T 10
F 11	5 17 13	18°34'03	24°56	11°16	15°23	10°5	13°55	3°23	15°23	16°26	24°57	25°55	26°12	8°9	19°19	F 11
S 12	5 21 9	19°35'03	7♊11	12°49	16°37	10°45	13°58	3°24	15°26	16°25	24°56	25°56	26°9	8°16	19°21	S 12
S 13	5 25 6	20°36'04	19°15	14°23	17°51	11°24	14°2	3°24	15°29	16°23	24°55	25°56	26°6	8°23	19°24	S 13
M14	5 29 3	21°37'05	1♎10	15°57	19°5	12°3	14°5	3°25	15°33	16°22	24°53	25°57	26°3	8°30	19°27	M14
T 15	5 32 59	22°38'08	13°2	17°30	20°19	12°43	14°8	3°26	15°36	16°20	24°52	25°57	26°0	8°36	19°29	T 15
W16	5 36 56	23°39'11	24°55	19°4	21°33	13°22	14°11	3°27	15°40	16°19	24°51	25°R57	25°56	8°43	19°32	W16
T 17	5 40 52	24°40'16	6♌54	20°38	22°47	14°2	14°14	3°28	15°43	16°17	24°50	25°57	25°53	8°50	19°35	T 17
F 18	5 44 49	25°41'21	19°4	22°13	24°1	14°41	14°16	3°29	15°46	16°16	24°49	25°D57	25°50	8°56	19°38	F 18
S 19	5 48 45	26°42'27	1♊28	23°47	25°15	15°21	14°18	3°30	15°50	16°14	24°47	25°57	25°47	9°3	19°41	S 19
S 20	5 52 42	27°43'34	14°10	25°21	26°29	16°0	14°20	3°32	15°53	16°12	24°46	25°57	25°44	9°10	19°44	S 20
M21	5 56 38	28°44'42	27°13	26°56	27°44	16°40	14°22	3°33	15°57	16°11	24°45	25°57	25°40	9°17	19°47	M21
T 22	6 0 35	29°45'51	10♌38	28°31	28°58	17°19	14°24	3°35	16°0	16°9	24°44	25°58	25°37	9°23	19°50	T 22
W23	6 4 32	0♌47'00	24°23	0♌6	0♌12	17°59	14°26	3°36	16°3	16°8	24°43	25°R58	25°34	9°30	19°53	W23
T 24	6 8 28	1°48'09	8♌27	1°41	1°27	18°39	14°27	3°38	16°7	16°6	24°42	25°58	25°31	9°37	19°56	T 24
F 25	6 12 25	2°49'19	22°46	3°17	2°41	19°18	14°28	3°40	16°10	16°4	24°40	25°57	25°28	9°44	20°0	F 25
S 26	6 16 21	3°50'29	7♌14	4°52	3°55	19°58	14°29	3°42	16°14	16°3	24°39	25°56	25°25	9°50	20°3	S 26
S 27	6 20 18	4°51'39	21°46	6°29	5°10	20°37	14°30	3°44	16°17	16°1	24°38	25°55	25°21	9°57	20°6	S 27
M28	6 24 14	5°52'49	6♌15	8°5	6°24	21°17	14°31	3°46	16°21	15°59	24°37	25°54	25°18	10°4	20°10	M28
T 29	6 28 11	6°53'59	20°38	9°41	7°39	21°57	14°31	3°49	16°25	15°58	24°36	25°53	25°15	10°10	20°13	T 29
W30	6 32 7	7°55'08	4♌50	11°18	8°53	22°36	14°31	3°51	16°28	15°56	24°35	25°D53	25°12	10°17	20°16	W30
T 31	6 36 4	8♌56'18	18°V50	12♌56	10♌8	23♊16	14°R31	3°V54	16♌32	15♏54	24♊33	25♊53	25♊9	10♎24	20♏20	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
T 1	21s43	12s37	5s3	18s23	0n51	10s43	1n57	12s0	0n45	7n35	1n3	0s59	2s32	23s2
W 2	21 53	7 16	5 15	18 52	0 43	11 8	1 57	12 13	0 45	7 34	1 3	0 59	2 32	23 1
T 3	22 2	1 34	5 9	19 19	0 36	11 33	1 57	12 27	0 44	7 32	1 3	0 59	2 32	23 1
F 4	22 10	4n12	4 44	19 46	0 29	11 57	1 56	12 40	0 44	7 30	1 4	0 59	2 32	23 0
S 5	22 18	9 43	4 2	20 12	0 22	12 22	1 56	12 54	0 43	7 29	1 4	0 58	2 31	23 0
S 6	22 26	14 42	3 7	20 37	0 15	12 46	1 55	13 7	0 43	7 27	1 4	0 58	2 31	23 0
M 7	22 33	18 51	2 2	21 1	0 8	13 9	1 54	13 20	0 43	7 26	1 4	0 58	2 31	22 59
T 8	22 40	21 56	0 51	21 24	0 1	13 33	1 54	13 33	0 42	7 24	1 5	0 58	2 31	22 59
W 9	22 46	23 48	0n21	21 47	0s6	13 56	1 53	13 46	0 42	7 23	1 5	0 58	2 30	22 59
T 10	22 52	24 22	1 30	22 8	0 13	14 19	1 52	13 59	0 41	7 22	1 5	0 57	2 30	22 58
F 11	22 58	24 31	2 34	22 28	0 20	14 41	1 51	14 12	0 41	7 20	1 6	0 57	2 30	22 58
S 12	23 3	21 52	3 29	22 47	0 26	15 4	1 50	14 25	0 40	7 19	1 6	0 56	2 30	22 58
S 13	23 7	19 5	4 15	23 5	0 33	15 25	1 48	14 38	0 40	7 18	1 6	0 56	2 29	22 57
M14	23 11	15 33	4 48	23 21	0 39	15 47	1 47	14 50	0 39	7 17	1 6	0 55	2 29	22 57
T 15	23 15	11 25	5 9	23 37	0 45	16 8	1 46	15 3	0 39	7 16	1 7	0 55	2 29	22 56
W16	23 18	6 52	5 17	23 51	0 51	16 29	1 44	15 15	0 38	7 15	1 7	0 54	2 29	22 56
T 17	23 21	2 2	5 11	24 4	0 57	16 49	1 43	15 27	0 38	7 15	1 7	0 54	2 28	22 56
F 18	23 23	2s58	4 52	24 16	1 3	17 9	1 41	15 39	0 38	7 14	1 7	0 53	2 28	22 55
S 19	23 25	7 57	4 18	24 27	1 9	17 28	1 40	15 51	0 37	7 13	1 8	0 52	2 28	22 55
S 20	23 26	12 44	3 32	24 36	1 14	17 47	1 38	16 3	0 37	7 13	1 8	0 51	2 28	22 54
M21	23 27	17 4	2 33	24 44	1 19	18 6	1 36	16 15	0 36	7 12	1 8	0 51	2 28	22 54
T 22	23 27	20 40	1 24	24 51	1 24	18 24	1 35	16 27	0 36	7 12	1 9	0 50	2 27	22 54
W23	23 27	23 11	0 9	24 56	1 29	18 41	1 33	16 38	0 35	7 11	1 9	0 49	2 27	22 53
T 24	23 26	24 19	1s9	25 0	1 34	18 59	1 31	16 50	0 35	7 11	1 9	0 48	2 27	22 53
F 25	23 25	23 53	2 23	25 3	1 38	19 15	1 29	17 1	0 34	7 11	1 9	0 47	2 27	22 52
S 26	23 24	21 51	3 29	25 4	1 42	19 31	1 27	17 12	0 34	7 11	1 10	0 46	2 26	22 52
S 27	23 22	18 23	4 22	25 4	1 46	19 47	1 25	17 23	0 33	7 11	1 10	0 45	2 26	22 51
M28	23 19	13 50	4 58	25 2	1 50	20 2	1 23	17 34	0 32	7 11	1 10	0 44	2 26	22 51
T 29	23 16	8 33	5 15	24 59	1 53	20 16	1 21	17 45	0 32	7 11	1 10	0 43	2 26	22 51
W30	23 13	2 52	5 13	24 54	1 56	20 30	1 18	17 56	0 31	7 11	1 11	0 41	2 25	22 50
T 31	23s9	2n53	4s52	24s48	1s59	20s43	1n16	18s6	0n31	7n11	1n11	0s40	2s25	22s50

Julian Day Number = 2418276.5, Delta T = 9.79 sec  
Ecliptic obliquity = 23°27'04, Nutation = - 0°00'18, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 23°28'06, Lahiri = 22°35'06