



Astrodienst Ephemeris Tables for the year 2008

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 2008

geocentric

FEBRUARY 2008

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 42 21	11 ²⁹ 22	0 ⁵⁵ 55	22 ^R 57	9 ²⁵ 25	24 ^{II} 5	9 ³⁵ 55	6 ^R 57	16 ³⁸ 38	21 ²² 20	0 ¹¹ 11	27 ^R 52	28 ⁴² 42	22 ¹⁵ 15	15 ²⁹ 29	F 1
S 2	8 46 17	12 ³⁰ 17	12 ⁵³	22 ¹⁷ 17	10 ³⁹	24 ⁶	10 ⁸	6 ⁵³ 53	16 ⁴¹	21 ²²	0 ¹³	27 ⁵⁰ 50	28 ³⁹	22 ²²	15 ³⁴	S 2
S 3	8 50 14	13 ³¹ 11	24 ⁵⁸	21 ²⁷	11 ⁵³	24 ⁸	10 ²⁰	6 ⁴⁹	16 ⁴⁴	21 ²⁵	0 ¹⁴	27 ⁴⁸	28 ³⁶	22 ²⁸	15 ³⁸	S 3
M 4	8 54 11	14 ³² 05	7 ¹⁶ 16	20 ²⁹	13 ⁷	24 ¹¹	10 ³³	6 ⁴⁵	16 ⁴⁷	21 ²⁷	0 ¹⁶	27 ⁴⁶	28 ³³	22 ³⁵	15 ⁴³	M 4
T 5	8 58 7	15 ³² 57	19 ⁴⁸	19 ²⁴	14 ²¹	24 ¹⁴	10 ⁴⁵	6 ⁴⁰	16 ⁵⁰	21 ²⁹	0 ¹⁸	27 ⁴⁴	28 ²⁹	22 ⁴²	15 ⁴⁷	T 5
W 6	9 2 4	16 ³³ 49	2 ³⁶ 36	18 ¹⁵	15 ³⁵	24 ¹⁸	10 ⁵⁸	6 ³⁶	16 ⁵³	21 ³¹	0 ¹⁹	27 ⁴³	28 ²⁶	22 ⁴⁹	15 ⁵²	W 6
T 7	9 6 0	17 ³⁴ 39	15 ⁴⁰	17 ³	16 ⁴⁹	24 ²³	11 ¹⁰	6 ³¹	16 ⁵⁶	21 ³⁴	0 ²¹	27 ⁴²	28 ²³	22 ⁵⁵	15 ⁵⁶	T 7
F 8	9 9 57	18 ³⁵ 28	29 ⁰	15 ⁵¹	18 ³	24 ²⁹	11 ²³	6 ²⁷	16 ⁵⁹	21 ³⁶	0 ²³	27 ^D 42	28 ²⁰	23 ²	16 ¹	F 8
S 9	9 13 53	19 ³⁶ 16	12 ³⁵	14 ⁴⁰	19 ¹⁷	24 ³⁵	11 ³⁵	6 ²³	17 ²	21 ³⁸	0 ²⁴	27 ⁴²	28 ¹⁷	23 ⁹	16 ⁶	S 9
S 10	9 17 50	20 ³⁷ 03	26 ²²	13 ³²	20 ³¹	24 ⁴¹	11 ⁴⁷	6 ¹⁸	17 ⁵	21 ⁴¹	0 ²⁶	27 ⁴²	28 ¹³	23 ¹⁵	16 ¹⁰	S 10
M 11	9 21 46	21 ³⁷ 47	10 ¹⁸	12 ²⁸	21 ⁴⁵	24 ⁴⁹	11 ⁵⁹	6 ¹³	17 ⁹	21 ⁴³	0 ²⁷	27 ⁴³	28 ¹⁰	23 ²²	16 ¹⁵	M 11
T 12	9 25 43	22 ³⁸ 31	24 ²²	11 ³¹	22 ⁵⁹	24 ⁵⁷	12 ¹²	6 ⁹	17 ¹²	21 ⁴⁵	0 ²⁹	27 ⁴⁴	28 ⁷	23 ²⁹	16 ¹⁹	T 12
W 13	9 29 40	23 ³⁹ 12	8 ³¹	10 ⁴¹	24 ¹³	25 ⁶	12 ²⁴	6 ⁴	17 ¹⁵	21 ⁴⁷	0 ³⁰	27 ⁴⁴	28 ⁴	23 ³⁶	16 ²⁴	W 13
T 14	9 33 36	24 ³⁹ 53	22 ⁴³	9 ⁵⁸	25 ²⁷	25 ¹⁵	12 ³⁶	5 ⁵⁹	17 ¹⁸	21 ⁵⁰	0 ³²	27 ^R 44	28 ¹	23 ⁴²	16 ²⁸	T 14
F 15	9 37 33	25 ⁴⁰ 31	6 ⁵⁴	9 ²²	26 ⁴¹	25 ²⁵	12 ⁴⁷	5 ⁵⁵	17 ²¹	21 ⁵²	0 ³³	27 ⁴⁴	27 ⁵⁸	23 ⁴⁹	16 ³³	F 15
S 16	9 41 29	26 ⁴¹ 08	21 ⁴	8 ⁵⁵	27 ⁵⁵	25 ³⁶	12 ⁵⁹	5 ⁵⁰	17 ²⁵	21 ⁵⁴	0 ³⁵	27 ⁴⁴	27 ⁵⁴	23 ⁵⁶	16 ³⁷	S 16
S 17	9 45 26	27 ⁴¹ 43	5 ⁹	8 ³⁶	29 ⁹	25 ⁴⁷	13 ¹¹	5 ⁴⁵	17 ²⁸	21 ⁵⁶	0 ³⁶	27 ^D 44	27 ⁵¹	24 ³	16 ⁴²	S 17
M 18	9 49 22	28 ⁴² 16	19 ⁸	8 ²⁴	0 ²⁴	25 ⁵⁸	13 ²³	5 ⁴¹	17 ³¹	21 ⁵⁹	0 ³⁸	27 ⁴⁴	27 ⁴⁸	24 ⁹	16 ⁴⁶	M 18
T 19	9 53 19	29 ⁴² 47	2 ⁵⁷	8 ^D 19	1 ³⁸	26 ¹¹	13 ³⁴	5 ³⁶	17 ³⁵	22 ¹	0 ³⁹	27 ⁴⁴	27 ⁴⁵	24 ¹⁶	16 ⁵¹	T 19
W 20	9 57 15	0 ⁴³ 17	16 ³⁴	8 ²²	2 ⁵²	26 ²³	13 ⁴⁶	5 ³¹	17 ³⁸	22 ³	0 ⁴⁰	27 ⁴⁴	27 ⁴²	24 ²³	16 ⁵⁵	W 20
T 21	10 1 12	1 ⁴³ 45	29 ⁵⁷	8 ³¹	4 ⁶	26 ³⁷	13 ⁵⁷	5 ²⁶	17 ⁴¹	22 ⁶	0 ⁴²	27 ^R 44	27 ³⁹	24 ²⁹	17 ⁰	T 21
F 22	10 5 9	2 ⁴⁴ 12	13 ⁴	8 ⁴⁶	5 ²⁰	26 ⁵⁰	14 ⁸	5 ²¹	17 ⁴⁵	22 ⁸	0 ⁴³	27 ⁴⁴	27 ³⁵	24 ³⁶	17 ⁴	F 22
S 23	10 9 5	3 ⁴⁴ 36	25 ⁵⁵	9 ⁸	6 ³⁴	27 ⁵	14 ²⁰	5 ¹⁶	17 ⁴⁸	22 ¹⁰	0 ⁴⁴	27 ⁴⁴	27 ³²	24 ⁴³	17 ⁹	S 23
S 24	10 13 2	4 ⁴⁵ 00	8 ³⁰	9 ³⁴	7 ⁴⁸	27 ¹⁹	14 ³¹	5 ¹²	17 ⁵¹	22 ¹²	0 ⁴⁵	27 ⁴³	27 ²⁹	24 ⁵⁰	17 ¹³	S 24
M 25	10 16 58	5 ⁴⁵ 22	20 ⁵⁰	10 ⁶	9 ²	27 ³⁵	14 ⁴²	5 ⁷	17 ⁵⁵	22 ¹⁵	0 ⁴⁷	27 ⁴²	27 ²⁶	24 ⁵⁶	17 ¹⁸	M 25
T 26	10 20 55	6 ⁴⁵ 42	2 ⁵⁸	10 ⁴²	10 ¹⁷	27 ⁵⁰	14 ⁵³	5 ²	17 ⁵⁸	22 ¹⁷	0 ⁴⁸	27 ⁴¹	27 ²³	25 ³	17 ²²	T 26
W 27	10 24 51	7 ⁴⁶ 01	14 ⁵⁷	11 ²²	11 ³¹	28 ⁶	15 ⁴	4 ⁵⁷	18 ¹	22 ¹⁹	0 ⁴⁹	27 ⁴⁰	27 ¹⁹	25 ¹⁰	17 ²⁶	W 27
T 28	10 28 48	8 ⁴⁶ 18	26 ⁵¹	12 ⁷	12 ⁴⁵	28 ²³	15 ¹⁵	4 ⁵²	18 ⁵	22 ²¹	0 ⁵⁰	27 ³⁹	27 ¹⁶	25 ¹⁶	17 ³¹	T 28
F 29	10 32 44	9 ⁴⁶ 34	8 ⁴⁴	12 ⁵⁵	13 ⁵⁹	28 ⁴⁰	15 ²⁵	4 ⁴⁷	18 ⁸	22 ²³	0 ⁵¹	27 ^D 38	27 ¹³	25 ¹³	17 ³⁵	F 29

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17s20	25s29	5s15	11s30	2n30	22s22	0n44	26n40	3n22	22s57	0n 7	10n37	1n48	5s58	0s44	14s40	0s17	17s10	6n17	12s13	11s56	23s16	10s13	6n15			
S 2	17 3	27 23	5 5	11 28	2 46	22 20	0 41	26 39	3 21	22 56	0 7	10 39	1 48	5 56	0 44	14 39	0 18	17 10	6 17	12 14	11 57	23 18	10 12	6 15			
S 3	16 46	28 1	4 41	11 31	3 0	22 16	0 38	26 38	3 20	22 55	0 7	10 41	1 48	5 55	0 44	14 39	0 18	17 10	6 17	12 14	11 58	23 20	10 11	6 15			
M 4	16 28	27 18	4 4	11 37	3 12	22 13	0 35	26 37	3 19	22 54	0 7	10 43	1 48	5 54	0 44	14 38	0 18	17 10	6 17	12 15	11 59	23 22	10 9	6 15			
T 5	16 11	25 11	3 15	11 48	3 23	22 8	0 32	26 37	3 18	22 53	0 7	10 44	1 48	5 53	0 44	14 37	0 18	17 9	6 17	12 16	12 0	23 24	10 8	6 15			
W 6	15 52	21 46	2 14	12 1	3 31	22 3	0 29	26 36	3 17	22 52	0 7	10 46	1 48	5 52	0 44	14 36	0 18	17 9	6 17	12 16	12 1	23 25	10 7	6 15			
T 7	15 34	17 11	1 6	12 17	3 37	21 57	0 26	26 35	3 16	22 51	0 7	10 48	1 49	5 50	0 44	14 36	0 18	17 9	6 17	12 16	12 2	23 27	10 5	6 15			
F 8	15 15	11 42	0n 7	12 35	3 40	21 50	0 23	26 34	3 15	22 50	0 7	10 50	1 49	5 49	0 44	14 35	0 18	17 9	6 17	12 16	12 3	23 29	10 4	6 15			
S 9	14 56	5 35	1 22	12 55	3 41	21 43	0 20	26 33	3 14	22 49	0 7	10 51	1 49	5 48	0 44	14 34	0 18	17 9	6 17	12 16	12 4	23 31	10 3	6 15			
S 10	14 37	0n53	2 32	13 15	3 40	21 35	0 17	26 32	3 12	22 48	0 7	10 53	1 49	5 47	0 44	14 34	0 18	17 9	6 17	12 16	12 5	23 33	10 1	6 15			
M 11	14 18	7 22	3 35	13 36	3 36	21 27	0 14	26 31	3 11	22 47	0 7	10 55	1 49	5 45	0 44	14 33	0 18	17 9	6 17	12 16	12 7	23 35	10 0	6 15			
T 12	13 58	13 33	4 25	13 57	3 30	21 18	0 11	26 31	3 10	22 46	0 6	10 57	1 49	5 44	0 44	14 32	0 18	17 9	6 17	12 16	12 8	23 36	9 59	6 15			
W 13	13 38	19 4	4 59	14 18	3 23	21 8	0 8	26 30	3 9	22 45	0 6	10 59	1 49	5 43	0 44	14 31	0 18	17 9	6 17	12 16	12 9	23 38	9 57	6 15			
T 14	13 18	23 32	5 16	14 38	3 15	20 58	0 5	26 29	3 8	22 44	0 6	11 1	1 50	5 42	0 44	14 31	0 18	17 9	6 17	12 16	12 10	23 40	9 56	6 15			
F 15	12 58	26 36	5 13	14 56	3 5	20 47	0 2	26 28	3 7	22 43	0 6	11 2	1 50	5 40	0 44	14 30	0 18	17 9	6 18	12 16	12 11	23 42	9 55	6 15			
S 16	12 37	27 59	4 51	15 14	2 54	20 35	0s 1	26 28	3 6	22 42	0 6	11 4	1 50	5 39	0 44	14 29	0 18	17 9	6 18	12 16	12 12	23 43	9 53	6 15			
S 17	12 16	27 32	4 12	15 30	2 42	20 23	0 3	26 27	3 4	22 41	0 6	11 6	1 50	5 38	0 44	14 28	0 18	17 9	6 18	12 16	12 13	23 45	9 52	6 15			
M 18	11 56	25 21	3 18	15 45	2 30	20 10	0 6	26 26	3 3	22 40	0 6	11 8	1 50	5 36	0 44	14 28	0 18	17 9	6 18	12 16	12 14	23 47	9 51	6 15			
T 19	11 34	21 40	2 13	15 58	2 18	19 57	0 9	26 25	3 2	22 39	0 6	11 10	1 50	5 35	0 44	14 27	0 18	17 9	6 18	12 16	12 15	23 49	9 49	6 15			
W 20	11 13	16 51	1 2	16 10	2 5	19 43	0 12	26 24	3 1	22 38	0 6	11 12	1 50	5 34	0 44	14 26	0 18	17 8	6 18	12 16	12 16	23 50	9 48	6 15			
T 21	10 52	11 18	0s12	16 20	1 52	19 28	0 15	26 24	3 0	22 37	0 6	11 14	1 50	5 33	0 44	14 26	0 18	17 8	6 18	12 16	12 18	23 52	9 47	6 15			
F 22	10 30	5 22	1 24	16 28	1 39	19 13	0 17	26 23	2 59	22 36	0 6	11 16	1 50	5 31	0 44	14 25	0 18	17 8	6 18	12 16	12 19	23 54	9 45	6 15			
S 23	10 8	0s40	2 30	16 35	1 27	18 57	0 20	26 22	2 58	22 35	0 6	11 17	1 50	5 30	0 44	14 24	0 18	17 8	6 18	12 16	12 20	23 56	9 44	6 15			
S 24	9 46	6 32	3 27	16 40	1 14	18 41	0 23	26 21	2 56	22 34	0 5	11 19	1 51	5 29	0 44	14 23	0 18	17 8	6 18	12 16	12 21	23 57	9 42	6 15			
M 25	9 24	12 3	4 13	16 43	1 2	18 24	0 26	26 20	2 55	22 32	0 5	11 21	1 51	5 27	0 44	14 23	0 18	17 8	6 18	12 16	12 22	23 59	9 41	6 15			
T 26	9 2	17 0	4 48	16 45	0 50	18 7	0 28	26 19	2 54	22 31	0 5	11 23	1 51	5 26	0 44	14 22	0 18	17 8	6 18	12 17	12 23	24 1	9 40	6 15			
W 27	8 39	21 14	5 9	16 46	0 38	17 49	0 31	26 19	2 53	22 30	0 5	11 25	1 51	5 25	0 44	14 21	0 18	17 8	6 18	12 17	12 24	24 3	9 38	6 16			
T 28	8 17	24 35	5 16	16 45	0 26	17 31	0 33	26 18	2 52	22 29	0 5	11 27	1 51	5 23	0 44	14 21	0 18	17 8	6 19	12 17	12 25	24 4	9 37	6 16			
F 29	7s54	26s52	5s10	16s42	0n15	17s12	0s36	26n17	2n51	22s28	0n 5	11n28	1n51	5s22	0s44	14s20	0s18	17s 8	6n19	12s18	12s26	24s 6	9s35	6n16			

ASTRODIENST EPHEMERIS for the year 2008
geocentric

MARCH 2008

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 36 41	10 ^h 46'49"	20 ^h 40'	13 ^h 47'	15 ^h 13'	28 ^h 57'	15 ^h 36'	4 ^h 43'	18 ^h 12'	22 ^h 26'	0 ^h 52'	27 ^h 39'	27 ^h 10'	25 ^h 30'	17 ^h 39'	S 1
S 2	10 40 38	11 ^h 47'02"	2 ^h 34'	14 ^h 41'	16 ^h 27'	29 ^h 15'	15 ^h 46'	4 ^h 38'	18 ^h 15'	22 ^h 28'	0 ^h 53'	27 ^h 39'	27 ^h 7'	25 ^h 37'	17 ^h 44'	S 2
M 3	10 44 34	12 ^h 47'13"	15 ^h 4'	15 ^h 39'	17 ^h 42'	29 ^h 33'	15 ^h 57'	4 ^h 33'	18 ^h 18'	22 ^h 30'	0 ^h 54'	27 ^h 41'	27 ^h 4'	25 ^h 43'	17 ^h 48'	M 3
T 4	10 48 31	13 ^h 47'23"	27 ^h 39'	16 ^h 39'	18 ^h 56'	29 ^h 52'	16 ^h 7'	4 ^h 28'	18 ^h 22'	22 ^h 32'	0 ^h 55'	27 ^h 42'	27 ^h 0'	25 ^h 50'	17 ^h 52'	T 4
W 5	10 52 27	14 ^h 47'31"	10 ^h 34'	17 ^h 42'	20 ^h 10'	0 ^h 51'	16 ^h 17'	4 ^h 24'	18 ^h 25'	22 ^h 34'	0 ^h 56'	27 ^h 43'	26 ^h 57'	25 ^h 57'	17 ^h 56'	W 5
T 6	10 56 24	15 ^h 47'38"	23 ^h 51'	18 ^h 47'	21 ^h 24'	0 ^h 31'	16 ^h 27'	4 ^h 19'	18 ^h 29'	22 ^h 36'	0 ^h 57'	27 ^h 44'	26 ^h 54'	26 ^h 4'	18 ^h 0'	T 6
F 7	11 0 20	16 ^h 47'43"	7 ^h 30'	19 ^h 55'	22 ^h 38'	0 ^h 50'	16 ^h 37'	4 ^h 14'	18 ^h 32'	22 ^h 39'	0 ^h 58'	27 ^h 44'	26 ^h 51'	26 ^h 10'	18 ^h 5'	F 7
S 8	11 4 17	17 ^h 47'46"	21 ^h 29'	21 ^h 5'	23 ^h 53'	1 ^h 11'	16 ^h 47'	4 ^h 10'	18 ^h 36'	22 ^h 41'	0 ^h 59'	27 ^h 42'	26 ^h 48'	26 ^h 17'	18 ^h 9'	S 8
S 9	11 8 13	18 ^h 47'47"	5 ^h 44'	22 ^h 17'	25 ^h 7'	1 ^h 31'	16 ^h 57'	4 ^h 5'	18 ^h 39'	22 ^h 43'	0 ^h 59'	27 ^h 40'	26 ^h 45'	26 ^h 24'	18 ^h 13'	S 9
M10	11 12 10	19 ^h 47'45"	20 ^h 11'	23 ^h 30'	26 ^h 21'	1 ^h 52'	17 ^h 7'	4 ^h 0'	18 ^h 43'	22 ^h 45'	1 ^h 0'	27 ^h 37'	26 ^h 41'	26 ^h 30'	18 ^h 17'	M10
T 11	11 16 7	20 ^h 47'42"	4 ^h 43'	24 ^h 46'	27 ^h 35'	2 ^h 13'	17 ^h 16'	3 ^h 56'	18 ^h 46'	22 ^h 47'	1 ^h 1'	27 ^h 34'	26 ^h 38'	26 ^h 37'	18 ^h 21'	T 11
W12	11 20 3	21 ^h 47'37"	19 ^h 14'	26 ^h 3'	28 ^h 49'	2 ^h 35'	17 ^h 26'	3 ^h 51'	18 ^h 49'	22 ^h 49'	1 ^h 2'	27 ^h 31'	26 ^h 35'	26 ^h 44'	18 ^h 25'	W12
T 13	11 24 0	22 ^h 47'30"	3 ^h 39'	27 ^h 22'	0 ^h 41'	2 ^h 56'	17 ^h 35'	3 ^h 47'	18 ^h 53'	22 ^h 51'	1 ^h 2'	27 ^h 29'	26 ^h 32'	26 ^h 51'	18 ^h 29'	T 13
F 14	11 27 56	23 ^h 47'20"	17 ^h 54'	28 ^h 42'	1 ^h 18'	3 ^h 19'	17 ^h 44'	3 ^h 43'	18 ^h 56'	22 ^h 53'	1 ^h 3'	27 ^h D28	26 ^h 29'	26 ^h 57'	18 ^h 33'	F 14
S 15	11 31 53	24 ^h 47'09"	1 ^h 58'	0 ^h 41'	2 ^h 32'	3 ^h 41'	17 ^h 53'	3 ^h 38'	19 ^h 0'	22 ^h 55'	1 ^h 3'	27 ^h 28'	26 ^h 25'	27 ^h 4'	18 ^h 37'	S 15
S 16	11 35 49	25 ^h 46'54"	15 ^h 48'	1 ^h 28'	3 ^h 46'	4 ^h 4'	18 ^h 2'	3 ^h 34'	19 ^h 3'	22 ^h 57'	1 ^h 4'	27 ^h 29'	26 ^h 22'	27 ^h 11'	18 ^h 41'	S 16
M17	11 39 46	26 ^h 46'38"	29 ^h 24'	2 ^h 53'	5 ^h 0'	4 ^h 27'	18 ^h 11'	3 ^h 30'	19 ^h 7'	22 ^h 59'	1 ^h 5'	27 ^h 30'	26 ^h 19'	27 ^h 18'	18 ^h 44'	M17
T 18	11 43 42	27 ^h 46'19"	12 ^h 47'	4 ^h 19'	6 ^h 14'	4 ^h 50'	18 ^h 20'	3 ^h 25'	19 ^h 10'	23 ^h 1'	1 ^h 5'	27 ^h 32'	26 ^h 16'	27 ^h 24'	18 ^h 48'	T 18
W19	11 47 39	28 ^h 45'58"	25 ^h 58'	5 ^h 47'	7 ^h 29'	5 ^h 14'	18 ^h 28'	3 ^h 21'	19 ^h 13'	23 ^h 3'	1 ^h 6'	27 ^h R32	26 ^h 13'	27 ^h 31'	18 ^h 52'	W19
T 20	11 51 36	29 ^h 45'35"	8 ^h 57'	7 ^h 16'	8 ^h 43'	5 ^h 38'	18 ^h 37'	3 ^h 17'	19 ^h 17'	23 ^h 5'	1 ^h 6'	27 ^h 32'	26 ^h 10'	27 ^h 38'	18 ^h 56'	T 20
F 21	11 55 32	0 ^h 45'10"	21 ^h 43'	8 ^h 47'	9 ^h 57'	6 ^h 2'	18 ^h 45'	3 ^h 13'	19 ^h 20'	23 ^h 7'	1 ^h 6'	27 ^h 30'	26 ^h 6'	27 ^h 44'	18 ^h 59'	F 21
S 22	11 59 29	1 ^h 44'42"	4 ^h 18'	10 ^h 19'	11 ^h 11'	6 ^h 26'	18 ^h 53'	3 ^h 9'	19 ^h 24'	23 ^h 9'	1 ^h 7'	27 ^h 26'	26 ^h 3'	27 ^h 51'	19 ^h 3'	S 22
S 23	12 3 25	2 ^h 44'13"	16 ^h 42'	11 ^h 52'	12 ^h 25'	6 ^h 51'	19 ^h 1'	3 ^h 5'	19 ^h 27'	23 ^h 11'	1 ^h 7'	27 ^h 20'	26 ^h 0'	27 ^h 58'	19 ^h 7'	S 23
M24	12 7 22	3 ^h 43'42"	28 ^h 56'	13 ^h 27'	13 ^h 39'	7 ^h 16'	19 ^h 9'	3 ^h 2'	19 ^h 30'	23 ^h 12'	1 ^h 8'	27 ^h 14'	25 ^h 57'	28 ^h 5'	19 ^h 10'	M24
T 25	12 11 18	4 ^h 43'08"	11 ^h 11'	15 ^h 3'	14 ^h 53'	7 ^h 41'	19 ^h 17'	2 ^h 58'	19 ^h 34'	23 ^h 14'	1 ^h 8'	27 ^h 7'	25 ^h 54'	28 ^h 11'	19 ^h 14'	T 25
W26	12 15 15	5 ^h 42'33"	22 ^h 58'	16 ^h 41'	16 ^h 8'	8 ^h 6'	19 ^h 25'	2 ^h 54'	19 ^h 37'	23 ^h 16'	1 ^h 8'	27 ^h 0'	25 ^h 50'	28 ^h 18'	19 ^h 17'	W26
T 27	12 19 11	6 ^h 41'57"	4 ^h 51'	18 ^h 19'	17 ^h 22'	8 ^h 32'	19 ^h 32'	2 ^h 51'	19 ^h 40'	23 ^h 18'	1 ^h 8'	26 ^h 55'	25 ^h 47'	28 ^h 25'	19 ^h 21'	T 27
F 28	12 23 8	7 ^h 41'18"	16 ^h 44'	19 ^h 59'	18 ^h 36'	8 ^h 58'	19 ^h 40'	2 ^h 47'	19 ^h 44'	23 ^h 20'	1 ^h 8'	26 ^h 50'	25 ^h 44'	28 ^h 31'	19 ^h 24'	F 28
S 29	12 27 4	8 ^h 40'37"	28 ^h 39'	21 ^h 41'	19 ^h 50'	9 ^h 24'	19 ^h 47'	2 ^h 44'	19 ^h 47'	23 ^h 21'	1 ^h 9'	26 ^h 48'	25 ^h 41'	28 ^h 38'	19 ^h 27'	S 29
S 30	12 31 1	9 ^h 39'55"	10 ^h 34'	23 ^h 23'	21 ^h 4'	9 ^h 50'	19 ^h 54'	2 ^h 40'	19 ^h 50'	23 ^h 23'	1 ^h 9'	26 ^h D47	25 ^h 38'	28 ^h 45'	19 ^h 31'	S 30
M31	12 34 58	10 ^h 39'11"	22 ^h 57'	25 ^h 41'	22 ^h 18'	10 ^h 51'	20 ^h 31'	2 ^h 37'	19 ^h 53'	23 ^h 25'	1 ^h 9'	26 ^h 48'	25 ^h 35'	28 ^h 45'	19 ^h 34'	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	7s31	27s57	4s51	16s38	0n 4	16s53	0s38	26n16	2n50	22s27	0n 5	11n30	1n51	5s21	0s44	14s19
S 2	7 9	27 44	4 19	16 32	0s 7	16 33	0 41	26 15	2 48	22 26	0 5	11 32	1 51	5 19	0 44	14 18
M 3	6 46	26 8	3 34	16 25	0 17	16 13	0 43	26 14	2 47	22 25	0 5	11 34	1 51	5 18	0 44	14 18
T 4	6 23	23 13	2 39	16 16	0 27	15 52	0 45	26 13	2 46	22 23	0 5	11 36	1 51	5 17	0 44	14 17
W 5	5 59	19 5	1 33	16 6	0 36	15 31	0 48	26 12	2 45	22 22	0 5	11 37	1 51	5 15	0 44	14 16
T 6	5 36	13 54	0 21	15 54	0 45	15 9	0 50	26 10	2 44	22 21	0 4	11 39	1 51	5 14	0 44	14 16
F 7	5 13	7 55	0n54	15 41	0 54	14 47	0 52	26 9	2 43	22 20	0 4	11 41	1 51	5 13	0 44	14 15
S 8	4 49	1 26	2 7	15 27	1 2	14 25	0 54	26 8	2 42	22 19	0 4	11 43	1 51	5 11	0 44	14 14
S 9	4 26	5n15	3 14	15 11	1 10	14 2	0 56	26 7	2 41	22 18	0 4	11 44	1 51	5 10	0 44	14 14
M10	4 2	11 44	4 10	14 54	1 17	13 39	0 58	26 5	2 40	22 17	0 4	11 46	1 51	5 9	0 44	14 13
T 11	3 39	17 38	4 49	14 36	1 24	13 15	1 0	26 4	2 39	22 16	0 4	11 48	1 51	5 7	0 44	14 12
W12	3 15	22 30	5 11	14 16	1 31	12 51	1 2	26 2	2 37	22 14	0 4	11 49	1 51	5 6	0 44	14 12
T 13	2 52	25 59	5 12	13 55	1 37	12 27	1 4	26 1	2 36	22 13	0 4	11 51	1 51	5 4	0 44	14 11
F 14	2 28	27 46	4 54	13 32	1 43	12 2	1 6	25 59	2 35	22 12	0 4	11 53	1 51	5 3	0 44	14 10
S 15	2 4	27 44	4 19	13 9	1 49	11 37	1 8	25 58	2 34	22 11	0 4	11 54	1 51	5 2	0 44	14 10
S 16	1 41	25 58	3 29	12 43	1 54	11 12	1 9	25 56	2 33	22 10	0 3	11 56	1 51	5 0	0 44	14 9
M17	1 17	22 41	2 28	12 17	1 58	10 46	1 11	25 54	2 32	22 9	0 3	11 57	1 51	4 59	0 44	14 8
T 18	0 53	18 15	1 20	11 50	2 2	10 21	1 12	25 52	2 31	22 8	0 3	11 59	1 51	4 58	0 44	14 8
W19	0 29	13 0	0 9	11 21	2 6	9 54	1 14	25 50	2 30	22 7	0 3	12 0	1 51	4 56	0 44	14 7
T 20	0 6	7 16	1s 2	10 51	2 10	9 28	1 15	25 48	2 29	22 6	0 3	12 2	1 51	4 55	0 44	14 7
F 21	0n18	1 19	2 8	10 19	2 12	9 1	1 17	25 46	2 28	22 5	0 3	12 3	1 51	4 54	0 44	14 6
S 22	0 42	4s34	3 7	9 47	2 15	8 34	1 18	25 44	2 27	22 4	0 3	12 5	1 51	4 52	0 44	14 5
S 23	1 5	10 12	3 56	9 13	2 17	8 7	1 19	25 42	2 26	22 3	0 3	12 6	1 51	4 51	0 44	14 5
M24	1 29	15 21	4 33	8 38	2 18	7 40	1 20	25 39	2 25	22 2	0 3	12 7	1 51	4 50	0 44	14 4
T 25	1 53	19 50	4 58	8 2	2 20	7 12	1 22	25 37	2 24	22 1	0 3	12 9	1 51	4 49	0 44	14 4

ASTRODIENST EPHEMERIS for the year 2008

geocentric

APRIL 2008

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 38 54	11°38'25	5°30	26°53	23°32	10°43	20°8	2°R34	19°57	23°26	1°9	26°49	25°31	28°58	19°37	T 1
W 2	12 42 51	12°37'38	18°24	28°40	24°46	11°10	20°14	2°R31	20°0	23°28	1°R 9	26°51	25°28	29°5	19°40	W 2
T 3	12 46 47	13°36'48	1°44	0°Y28	26°0	11°37	20°21	2°27	20°3	23°30	1°9	26°R51	25°25	29°12	19°44	T 3
F 4	12 50 44	14°35'57	15°31	2°18	27°15	12°4	20°27	2°25	20°6	23°31	1°9	26°49	25°22	29°19	19°47	F 4
S 5	12 54 40	15°35'04	29°44	4°9	28°29	12°32	20°33	2°22	20°10	23°33	1°9	26°46	25°19	29°25	19°50	S 5
S 6	12 58 37	16°34'08	14°Y19	6°2	29°43	12°59	20°39	2°19	20°13	23°34	1°9	26°40	25°16	29°32	19°53	S 6
M 7	13 2 33	17°33'11	29°10	7°56	0°Y57	13°27	20°45	2°16	20°16	23°36	1°9	26°32	25°12	29°39	19°56	M 7
T 8	13 6 30	18°32'12	14°8 9	9°51	2°11	13°55	20°51	2°14	20°19	23°38	1°8	26°24	25°9	29°45	19°58	T 8
W 9	13 10 27	19°31'10	29°6	11°48	3°25	14°23	20°56	2°11	20°22	23°39	1°8	26°17	25°6	29°52	20°1	W 9
T 10	13 14 23	20°30'07	13°II53	13°46	4°39	14°52	21°2	2°9	20°25	23°40	1°8	26°10	25°3	29°59	20°4	T 10
F 11	13 18 20	21°29'01	28°23	15°46	5°53	15°20	21°7	2°6	20°28	23°42	1°8	26°6	25°0	0°7 6	20°7	F 11
S 12	13 22 16	22°27'53	12°32	17°47	7°7	15°49	21°12	2°4	20°31	23°43	1°7	26°3	24°56	0°12	20°9	S 12
S 13	13 26 13	23°26'43	26°20	19°49	8°21	16°18	21°17	2°2	20°34	23°45	1°7	26°D 3	24°53	0°19	20°12	S 13
M14	13 30 9	24°25'30	9°II47	21°52	9°35	16°47	21°22	2°0	20°37	23°46	1°7	26°4	24°50	0°26	20°15	M14
T 15	13 34 6	25°24'15	22°56	23°57	10°49	17°16	21°26	1°58	20°40	23°47	1°6	26°R 4	24°47	0°32	20°17	T 15
W16	13 38 2	26°22'57	5°II49	26°2	12°3	17°45	21°31	1°56	20°43	23°49	1°6	26°4	24°44	0°39	20°20	W16
T 17	13 41 59	27°21'38	18°28	28°8	13°17	18°14	21°35	1°54	20°46	23°50	1°6	26°2	24°41	0°46	20°22	T 17
F 18	13 45 56	28°20'16	0°II57	0°II57	14°31	18°44	21°39	1°53	20°49	23°51	1°5	25°57	24°37	0°53	20°24	F 18
S 19	13 49 52	29°18'52	13°16	2°23	15°45	19°14	21°43	1°51	20°52	23°52	1°5	25°49	24°34	0°59	20°27	S 19
S 20	13 53 49	0°II726	25°27	4°30	16°59	19°43	21°46	1°50	20°55	23°54	1°4	25°39	24°31	1°6	20°29	S 20
M21	13 57 45	1°15'59	7°II32	6°38	18°13	20°13	21°50	1°49	20°58	23°55	1°4	25°27	24°28	1°13	20°31	M21
T 22	14 1 42	2°14'29	19°31	8°45	19°27	20°44	21°53	1°47	21°0	23°56	1°3	25°15	24°25	1°20	20°33	T 22
W23	14 5 38	3°12'58	1°II26	10°51	20°41	21°14	21°56	1°46	21°3	23°57	1°2	25°3	24°22	1°26	20°35	W23
T 24	14 9 35	4°11'25	13°18	12°57	21°55	21°44	21°59	1°45	21°6	23°58	1°2	24°52	24°18	1°33	20°37	T 24
F 25	14 13 31	5°9'50	25°9	15°1	23°9	22°15	22°2	1°44	21°9	23°59	1°1	24°43	24°15	1°40	20°39	F 25
S 26	14 17 28	6°8'14	7°II4	17°4	24°23	22°45	22°5	1°43	21°11	24°0	1°0	24°37	24°12	1°46	20°41	S 26
S 27	14 21 25	7°6'36	19°6	19°5	25°37	23°16	22°7	1°43	21°14	24°1	1°0	24°33	24°9	1°53	20°43	S 27
M28	14 25 21	8°4'56	1°II18	21°4	26°50	23°47	22°10	1°42	21°17	24°2	0°59	24°32	24°6	2°0	20°45	M28
T 29	14 29 18	9°3'15	13°47	23°1	28°4	24°18	22°12	1°42	21°19	24°3	0°58	24°D32	24°2	2°7	20°47	T 29
W30	14 33 14	10°1'32	26°II38	24°II54	29°Y18	24°II49	22°II14	1°II41	21°II22	24°II4	0°II57	24°R32	23°II59	2°II13	20°II48	W30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	4n36	20s43	1s53	3s17	2s14	3s54	1s27	25n17	2n17	21s54	0n2	12n17	1n51	4s40	0s44	14s0
W 2	4 59	16 2	0 45	2 32	2 12	3 25	1 28	25 14	2 16	21 53	0 2	12 18	1 51	4 38	0 44	13 59
T 3	5 22	10 27	0n26	1 46	2 8	2 56	1 29	25 11	2 16	21 52	0 2	12 19	1 51	4 37	0 44	13 59
F 4	5 45	4 11	1 39	0 59	2 5	2 27	1 29	25 8	2 15	21 51	0 2	12 20	1 51	4 36	0 44	13 58
S 5	6 8	2n27	2 48	0 11	2 0	1 58	1 29	25 4	2 14	21 51	0 1	12 21	1 51	4 35	0 44	13 58
S 6	6 31	9 8	3 47	0n38	1 56	1 29	1 30	25 0	2 13	21 50	0 1	12 22	1 50	4 33	0 44	13 57
M 7	6 53	15 25	4 32	1 27	1 50	1 0	1 30	24 57	2 12	21 49	0 1	12 23	1 50	4 32	0 44	13 57
T 8	7 16	20 50	4 59	2 18	1 45	0 31	1 30	24 53	2 11	21 48	0 1	12 24	1 50	4 31	0 44	13 56
W 9	7 38	24 55	5 5	3 9	1 38	0 1	1 30	24 49	2 10	21 48	0 1	12 25	1 50	4 30	0 44	13 56
T 10	8 1	27 17	4 52	4 2	1 32	0n28	1 30	24 45	2 9	21 47	0 1	12 26	1 50	4 28	0 44	13 55
F 11	8 23	27 45	4 19	4 54	1 25	0 57	1 30	24 41	2 8	21 46	0 1	12 26	1 50	4 27	0 44	13 55
S 12	8 45	26 21	3 31	5 48	1 17	1 27	1 30	24 37	2 7	21 46	0 1	12 27	1 50	4 26	0 44	13 54
S 13	9 6	23 23	2 32	6 41	1 9	1 56	1 30	24 32	2 6	21 45	0 1	12 28	1 50	4 25	0 44	13 54
M14	9 28	19 11	1 26	7 36	1 0	2 25	1 30	24 28	2 6	21 44	0 0	12 28	1 50	4 24	0 44	13 53
T 15	9 50	14 8	0 17	8 30	0 51	2 55	1 29	24 23	2 5	21 44	0 0	12 29	1 50	4 23	0 44	13 53
W16	10 11	8 35	0s52	9 25	0 42	3 24	1 29	24 19	2 4	21 43	0 0	12 29	1 50	4 21	0 44	13 53
T 17	10 32	2 46	1 57	10 19	0 32	3 53	1 29	24 14	2 3	21 43	0 0	12 30	1 49	4 20	0 44	13 52
F 18	10 53	3s3	2 55	11 13	0 22	4 22	1 28	24 9	2 2	21 42	0s0	12 30	1 49	4 19	0 44	13 52
S 19	11 14	8 40	3 43	12 7	0 11	4 51	1 28	24 4	2 1	21 42	0 0	12 31	1 49	4 18	0 44	13 51
S 20	11 34	13 54	4 22	13 1	0 1	5 20	1 27	23 59	2 0	21 41	0 0	12 31	1 49	4 17	0 44	13 51
M21	11 55	18 33	4 47	13 53	0n10	5 49	1 26	23 53	2 0	21 41	0 0	12 32	1 49	4 16	0 44	13 51
T 22	12 15	22 25	5 0	14 45	0 21	6 17	1 26	23 48	1 59	21 40	0 1	12 32	1 49	4 15	0 44	13 50
W23	12 35	25 20	5 0	15 35	0 32	6 46	1 25	23 42	1 58	21 40	0 1	12 32	1 49	4 14	0 45	13 50
T 24	12 55	27 8	4 46	16 24	0 43	7 14	1 24	23 37	1 57	21 39	0 1	12 33	1 49	4 13	0 45	13 50
F 25	13 15	27 42	4 21	17 11	0 53	7 43	1 23	23 31	1 56	21 39	0 1	12 33	1 49	4 12	0 45	13 49
S 26	13 34	26 58	3 44	17 57	1 4	8 11	1 22	23 25	1 55	21 39	0 1	12 33	1 49	4 11	0 45	13 49
S 27	13 53	24 59	2 56	18 41	1 14	8 39	1 21	23 19	1 55	21 39	0 1	12 33	1 48	4 10	0 45	13 49
M28	14 12	21 49	2 0	19 22	1 24	9 6	1 20	23 13	1 54	21 38	0 1	12 33	1 48	4 9	0 45	13 48
T 29	14 31	17 35	0 57	20 1	1 33	9 34	1 19	23 7	1 53	21 38	0 1	12 33	1 48	4 8	0 45	13 48
W30	14n49	12s28	0n11	20n38	1n42	10n1	1s18	23n0	1n52	21s38	0s2	12n33	1n48	4s7	0s45	13s48

Julian Day Number = 2454557.5, Delta T = 65.54 sec

Ecliptic obliquity = 23°26'26, Nutation = 0°00'09, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°51'20, Lahiri = 23°58'20

ASTRODIENST EPHEMERIS for the year 2008

geocentric

MAY 2008

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	14 37 11	10♌59'48	9♋53	26♌45	0♌32	25♌20	22♌15	1°R41	21♋24	24° 5	0°R56	24°R31	23° 56	2♌20	20° 50	T 1
F 2	14 41 7	11°58'02	23°38	28°33	1°46	25°51	22°17	1° 41	21°27	24° 5	0° 56	24° 28	23°53	2°27	20°51	F 2
S 3	14 45 4	12°56'15	7° 51	0° 17	3° 0	26°22	22°18	1°D41	21°29	24° 6	0°55	24°23	23°50	2°33	20°53	S 3
S 4	14 49 0	13°54'26	22°32	1°58	4°14	26°54	22°19	1°41	21°32	24° 7	0°54	24°15	23°47	2°40	20°54	S 4
M 5	14 52 57	14°52'36	7♌35	3°35	5°28	27°25	22°20	1°41	21°34	24° 8	0°53	24° 5	23°43	2°47	20°56	M 5
T 6	14 56 54	15°50'44	22°49	5° 9	6°41	27°57	22°21	1°41	21°36	24° 8	0°52	23°54	23°40	2°54	20°57	T 6
W 7	15 0 50	16°48'50	8° 4	6°39	7°55	28°29	22°22	1°42	21°39	24° 9	0°51	23°44	23°37	3° 0	20°58	W 7
T 8	15 4 47	17°46'55	23°10	8° 5	9° 9	29° 1	22°22	1°42	21°41	24°10	0°50	23°35	23°34	3° 7	20°59	T 8
F 9	15 8 43	18°44'58	7♌56	9°27	10°23	29°33	22°22	1°43	21°43	24°10	0°49	23°28	23°31	3°14	21° 0	F 9
S 10	15 12 40	19°42'59	22°18	10°45	11°37	0° 5	22°R22	1°43	21°45	24°11	0°48	23°24	23°28	3°21	21° 1	S 10
S 11	15 16 36	20°40'58	6° 14	11°58	12°51	0°37	22°22	1°44	21°47	24°11	0°47	23°22	23°24	3°27	21° 2	S 11
M12	15 20 33	21°38'55	19°43	13° 8	14° 5	1° 9	22°22	1°45	21°49	24°12	0°46	23°22	23°21	3°34	21° 3	M12
T 13	15 24 29	22°36'50	2° 48	14°13	15°18	1°42	22°21	1°46	21°52	24°12	0°44	23°22	23°18	3°41	21° 4	T 13
W14	15 28 26	23°34'44	15°34	15°15	16°32	2°14	22°20	1°47	21°54	24°13	0°43	23°20	23°15	3°47	21° 5	W14
T 15	15 32 23	24°32'35	28° 3	16°11	17°46	2°47	22°19	1°48	21°56	24°13	0°42	23°17	23°12	3°54	21° 5	T 15
F 16	15 36 19	25°30'25	10♌21	17° 4	19° 0	3°19	22°18	1°50	21°58	24°13	0°41	23°12	23° 8	4° 1	21° 6	F 16
S 17	15 40 16	26°28'13	22°29	17°51	20°13	3°52	22°17	1°51	21°59	24°14	0°40	23° 3	23° 5	4° 8	21° 7	S 17
S 18	15 44 12	27°26'00	4° 30	18°35	21°27	4°25	22°15	1°53	22° 1	24°14	0°39	22°52	23° 2	4°14	21° 7	S 18
M19	15 48 9	28°23'45	16°28	19°13	22°41	4°58	22°14	1°54	22° 3	24°14	0°37	22°39	22°59	4°21	21° 8	M19
T 20	15 52 5	29°21'29	28°22	19°47	23°55	5°31	22°12	1°56	22° 5	24°15	0°36	22°25	22°56	4°28	21° 8	T 20
W21	15 56 2	0° 19'12	10♌14	20°17	25° 8	6° 4	22°10	1°58	22° 7	24°15	0°35	22°12	22°53	4°34	21° 8	W21
T 22	15 59 58	1°16'53	22° 7	20°41	26°22	6°37	22° 7	2° 0	22° 8	24°15	0°34	21°59	22°49	4°41	21° 9	T 22
F 23	16 3 55	2°14'33	4° 1	21° 1	27°36	7°10	22° 5	2° 2	22°10	24°15	0°32	21°49	22°46	4°48	21° 9	F 23
S 24	16 7 52	3°12'12	15°58	21°16	28°50	7°43	22° 2	2° 4	22°12	24°15	0°31	21°42	22°43	4°55	21° 9	S 24
S 25	16 11 48	4° 9'50	28° 3	21°26	0° 3	8°16	22° 0	2° 6	22°13	24°15	0°30	21°37	22°40	5° 1	21°R 9	S 25
M26	16 15 45	5° 7'27	10♌17	21°31	1°17	8°50	21°57	2° 8	22°15	24°15	0°28	21°35	22°37	5° 8	21° 9	M26
T 27	16 19 41	6° 5'03	22°46	21°R32	2°31	9°23	21°53	2°11	22°16	24°R15	0°27	21°D35	22°34	5°15	21° 9	T 27
W28	16 23 38	7° 2'37	5° 34	21°28	3°45	9°57	21°50	2°13	22°18	24°15	0°25	21°R35	22°30	5°22	21° 9	W28
T 29	16 27 34	8° 0'11	18°45	21°20	4°58	10°30	21°47	2°16	22°19	24°15	0°24	21°35	22°27	5°28	21° 9	T 29
F 30	16 31 31	8°57'45	2° 23	21° 8	6°12	11° 4	21°43	2°18	22°20	24°15	0°23	21°33	22°24	5°35	21° 8	F 30
S 31	16 35 27	9° 55'17	16° 29	20° 51	7° 26	11° 38	21° 39	2° 21	22° 22	24° 15	0° 21	21° 29	22° 21	5° 42	21° 8	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	15n 8	6s37	1n20	21n13	1n50	10n28	1s16	22n54	1n51	21s38	0s 2	12n33	1n48	4s 6	0s45	13s48	0s19	17s 2	6n25	13s21	13s33	25s37	8s20	6n33	
F 2	15 26	0 16	2 27	21 45	1 57	10 55	1 15	22 47	1 51	21 38	0 2	12 33	1 48	4 5	0 45	13 47	0 19	17 2	6 25	13 22	13 34	25 38	8 19	6 33	
S 3	15 43	6n18	3 28	22 14	2 4	11 22	1 14	22 41	1 50	21 38	0 2	12 33	1 48	4 4	0 45	13 47	0 19	17 2	6 25	13 24	13 35	25 39	8 19	6 34	
S 4	16 1	12 44	4 16	22 41	2 10	11 48	1 12	22 34	1 49	21 37	0 2	12 33	1 48	4 3	0 45	13 47	0 19	17 2	6 25	13 26	13 36	25 41	8 18	6 34	
M 5	16 18	18 34	4 48	23 6	2 16	12 14	1 11	22 27	1 48	21 37	0 2	12 33	1 47	4 2	0 45	13 47	0 19	17 1	6 25	13 30	13 37	25 42	8 17	6 34	
T 6	16 35	23 19	5 0	23 28	2 20	12 40	1 9	22 20	1 48	21 37	0 2	12 33	1 47	4 1	0 45	13 47	0 19	17 1	6 25	13 33	13 38	25 43	8 16	6 35	
W 7	16 52	26 27	4 51	23 47	2 24	13 5	1 8	22 12	1 47	21 38	0 2	12 33	1 47	4 0	0 45	13 46	0 19	17 1	6 25	13 37	13 39	25 44	8 15	6 35	
T 8	17 8	27 37	4 22	24 4	2 27	13 30	1 6	22 5	1 46	21 38	0 3	12 32	1 47	3 59	0 45	13 46	0 19	17 1	6 25	13 40	13 40	25 45	8 15	6 36	
F 9	17 24	26 47	3 35	24 19	2 29	13 55	1 4	21 58	1 45	21 38	0 3	12 32	1 47	3 58	0 45	13 46	0 19	17 1	6 25	13 42	13 41	25 47	8 14	6 36	
S 10	17 40	24 10	2 36	24 32	2 30	14 20	1 3	21 50	1 44	21 38	0 3	12 32	1 47	3 58	0 45	13 46	0 19	17 1	6 25	13 43	13 42	25 48	8 13	6 36	
S 11	17 55	20 9	1 29	24 42	2 30	14 44	1 1	21 42	1 44	21 38	0 3	12 31	1 47	3 57	0 45	13 46	0 19	17 1	6 25	13 44	13 43	25 49	8 13	6 37	
M12	18 11	15 13	0 19	24 51	2 29	15 7	0 59	21 35	1 43	21 38	0 3	12 31	1 47	3 56	0 45	13 45	0 19	17 1	6 25	13 44	13 44	25 50	8 12	6 37	
T 13	18 26	9 42	0s50	24 57	2 28	15 31	0 57	21 27	1 42	21 38	0 3	12 30	1 47	3 55	0 45	13 45	0 19	17 1	6 25	13 44	13 45	25 51	8 11	6 38	
W14	18 40	3 56	1 54	25 1	2 25	15 54	0 55	21 19	1 41	21 39	0 3	12 30	1 46	3 54	0 45	13 45	0 19	17 1	6 25	13 44	13 46	25 52	8 11	6 38	
T 15	18 54	1s52	2 52	25 4	2 21	16 16	0 53	21 10	1 41	21 39	0 4	12 29	1 46	3 54	0 45	13 45	0 19	17 1	6 25	13 45	13 47	25 54	8 10	6 38	
F 16	19 8	7 29	3 41	25 4	2 16	16 39	0 51	21 2	1 40	21 39	0 4	12 29	1 46	3 53	0 45	13 45	0 19	17 1	6 25	13 47	13 48	25 55	8 9	6 39	
S 17	19 22	12 45	4 19	25 3	2 11	17 0	0 50	20 54	1 39	21 40	0 4	12 28	1 46	3 52	0 45	13 45	0 19	17 1	6 25	13 50	13 49	25 56	8 9	6 39	
S 18	19 35	17 29	4 45	25 0	2 4	17 22	0 47	20 45	1 39	21 40	0 4	12 27	1 46	3 51	0 45	13 45	0 19	17 1	6 25	13 54	13 50	25 57	8 8	6 40	
M19	19 48	21 30	4 58	24 56	1 56	17 43	0 45	20 36	1 38	21 40	0 4	12 27	1 46	3 51	0 45	13 45	0 19	17 1	6 25	13 58	13 51	25 58	8 8	6 40	
T 20	20 1	24 38	4 58	24 50	1 48	18 3	0 43	20 28	1 37	21 41	0 4	12 26	1 46	3 50	0 45	13 45	0 19	17 1	6 25	14 2	13 52	25 59	8 7	6 40	
W21	20 13	26 41	4 45	24 43	1 38	18 23	0 41	20 19	1 36	21 41	0 4	12 25	1 46	3 49	0 45	13 45	0 19	17 1	6 25	14 7	13 53	26 0	8 7	6 41	
T 22	20 25	27 32	4 20	24 34	1 27	18 43	0 39	20 10	1 36	21 42	0 4	12 24	1 45	3 49	0 45	13 45	0 19	17 1	6 25	14 11	13 55	26 1	8 6	6 41	
F 23	20 37	27 6	3 43	24 24	1 16	19 2	0 37	20 1	1 35	21 42	0 5	12 24	1 45	3 48	0 45	13 45	0 19	17 1	6 25	14 14	13 56	26 3	8 6	6 42	
S 24	20 48	25 24	2 56	24 12	1 3	19 20	0 35	19 51	1 34	21 43	0 5	12 23	1 45	3 48	0 45	13 45	0 19	17 1	6 25	14 16	13 57	26 4	8 6	6 42	
S 25	20 59	22 32	2 1	24 0	0 50	19 38	0 33	19 42	1 33	21 44	0 5	12 22	1 45	3 47	0 45	13 45	0 19	17 1	6 25	14 18	13 58	26 5	8 5	6 42	
M26	21 9	18 37	0 59	23 46	0 36	19 55	0 30	19 33	1 33	21 44	0 5	12 21	1 45	3 46	0 45	13 45	0 19	17 1	6 25	14 19	13 59	26 6	8 5	6 43	
T 27	21 19	13 50	0n 6	23 31	0 21	20 12	0 28	19 23	1 32	21 45	0 5	12 20	1 45	3 46	0 46	13 45	0 19	17 1	6 25	14 19	14 0	26 7	8 4	6 43	
W28	21 29	8 20	1 13	23 15	0 6	20 29	0 26	19 13	1 31	21 45	0 5	12 19	1 45	3 45	0 46	13 45	0 19	17 1	6 25	14 19	14 1	26 8	8 4	6 44	
T 29	21 39	2 19	2 19	22 59	0s11	20 45	0 23	19 3	1 31	21 46	0 6	12 18	1 45	3 45	0 46	13 45	0 20	17 1	6 25	14 19	14 2	26 9	8 4	6 44	
F 30	21 48	3n59	3 18	22 41	0 27	21 0	0 21	18 54	1 30	21 47	0 6	12 17	1 44	3 44	0 46	13 45	0 20	17 1	6 25	14 19	14 3	26 10	8 3	6 44	
S 31	21n56	10n18	4n 8	22n23	0s44	21n14	0s19	18n43	1n29	21s48	0s 6	12n16	1n44	3s44	0s46	13s45	0s20	17s 1	6n25	14s21	14s 4	26s11	8s 3	6n45	

ASTRODIENST EPHEMERIS for the year 2008

geocentric

JUNE 2008

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 39 24	10 ^{II} 52'48	1 ⁸ 2	20°R31	8 ^{II} 40	12 ^{II} 12	21°R35	2 ^{II} 24	22 ^{II} 23	24°R15	0°R20	21°R22	22 ^{II} 18	5 ^{II} 48	21°R 8	S 1
M 2	16 43 21	11°50'19	16° 0	20 ^{II} 8	9°53	12°46	21 ^{II} 31	2°27	22°24	24 ^{II} 15	0 ^{II} 18	21 ^{II} 13	22°14	5°55	21 ^{II} 7	M 2
T 3	16 47 17	12°47'49	1 ^{II} 13	19°41	11° 7	13°20	21°27	2°30	22°25	24°14	0°17	21° 4	22°11	6° 2	21° 7	T 3
W 4	16 51 14	13°45'18	16°31	19°12	12°21	13°54	21°22	2°33	22°27	24°14	0°15	20°54	22° 8	6° 9	21° 6	W 4
T 5	16 55 10	14°42'46	1 ^{II} 43	18°42	13°35	14°28	21°17	2°37	22°28	24°14	0°14	20°46	22° 5	6°15	21° 5	T 5
F 6	16 59 7	15°40'14	16°39	18° 9	14°48	15° 2	21°13	2°40	22°29	24°14	0°12	20°40	22° 2	6°22	21° 5	F 6
S 7	17 3 3	16°37'40	1 ^{II} 12	17°36	16° 2	15°36	21° 8	2°43	22°30	24°13	0°11	20°36	21°59	6°29	21° 4	S 7
S 8	17 7 0	17°35'04	15°16	17° 3	17°16	16°11	21° 3	2°47	22°31	24°13	0° 9	20°D34	21°55	6°35	21° 3	S 8
M 9	17 10 57	18°32'28	28°53	16°29	18°30	16°45	20°57	2°51	22°32	24°12	0° 8	20°35	21°52	6°42	21° 2	M 9
T 10	17 14 53	19°29'51	12 ^{II} 2	15°57	19°43	17°19	20°52	2°54	22°32	24°12	0° 6	20°35	21°49	6°49	21° 1	T 10
W11	17 18 50	20°27'12	24°49	15°26	20°57	17°54	20°46	2°58	22°33	24°12	0° 5	20°R35	21°46	6°56	21° 0	W11
T 12	17 22 46	21°24'33	7 ^{II} 17	14°56	22°11	18°28	20°41	3° 2	22°34	24°11	0° 3	20°34	21°43	7° 2	20°59	T 12
F 13	17 26 43	22°21'52	19°30	14°29	23°24	19° 3	20°35	3° 6	22°35	24°10	0° 2	20°31	21°40	7° 9	20°58	F 13
S 14	17 30 39	23°19'11	1 ^{II} 34	14° 5	24°38	19°38	20°29	3°10	22°35	24°10	0° 0	20°25	21°36	7°16	20°57	S 14
S 15	17 34 36	24°16'28	13°30	13°44	25°52	20°12	20°23	3°14	22°36	24° 9	29° ^{II} 59	20°17	21°33	7°23	20°56	S 15
M16	17 38 32	25°13'45	25°23	13°27	27° 6	20°47	20°17	3°18	22°36	24° 9	29°57	20° 8	21°30	7°29	20°54	M16
T 17	17 42 29	26°11'02	7 ^{II} 15	13°14	28°19	21°22	20°10	3°23	22°37	24° 8	29°56	19°58	21°27	7°36	20°53	T 17
W18	17 46 26	27° 8'18	19° 8	13° 5	29°33	21°57	20° 4	3°27	22°37	24° 7	29°54	19°48	21°24	7°43	20°52	W18
T 19	17 50 22	28° 5'33	1 ^{II} 4	13° 0	0 ^{II} 47	22°32	19°57	3°32	22°38	24° 7	29°53	19°39	21°20	7°49	20°50	T 19
F 20	17 54 19	29° 2'47	13° 4	12°D59	2° 0	23° 7	19°51	3°36	22°38	24° 6	29°51	19°31	21°17	7°56	20°49	F 20
S 21	17 58 15	0 ^{II} 0'02	25° 9	13° 3	3°14	23°42	19°44	3°41	22°39	24° 5	29°49	19°26	21°14	8° 3	20°47	S 21
S 22	18 2 12	0°57'15	7 ^{II} 22	13°12	4°28	24°17	19°37	3°45	22°39	24° 4	29°48	19°24	21°11	8°10	20°45	S 22
M23	18 6 8	1°54'29	19°45	13°25	5°42	24°52	19°30	3°50	22°39	24° 4	29°46	19°D23	21° 8	8°16	20°44	M23
T 24	18 10 5	2°51'42	2 ^{II} 22	13°44	6°55	25°27	19°23	3°55	22°39	24° 3	29°45	19°24	21° 5	8°23	20°42	T 24
W25	18 14 1	3°48'56	15°14	14° 7	8° 9	26° 3	19°16	4° 0	22°39	24° 2	29°43	19°25	21° 1	8°30	20°40	W25
T 26	18 17 58	4°46'09	28°26	14°34	9°23	26°38	19° 9	4° 5	22°39	24° 1	29°42	19°R26	20°58	8°36	20°38	T 26
F 27	18 21 55	5°43'22	11°Y59	15° 6	10°36	27°14	19° 2	4°10	22°R39	24° 0	29°40	19°26	20°55	8°43	20°36	F 27
S 28	18 25 51	6°40'35	25°57	15°43	11°50	27°49	18°54	4°15	22°39	23°59	29°39	19°24	20°52	8°50	20°34	S 28
S 29	18 29 48	7°37'49	10 ^{II} 18	16°25	13° 4	28°24	18°47	4°20	22°39	23°58	29°37	19°21	20°49	8°57	20°32	S 29
M30	18 33 44	8°35'02	25 ^{II} 0	17 ^{II} 10	14°18	29°10	18°39	4°25	22° ^{II} 39	23° ^{II} 57	29° ^{II} 36	19° ^{II} 16	20° ^{II} 46	9° ^{II} 3	20° ^{II} 30	M30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22n 5	16n16	4n44	22n 5	1s 2	21n29	0s16	18n33	1n29	21s48	0s 6	12n14	1n44	3s43	0s46	13s45	0s20
M 2	22 13	21 25	5 1	21 46	1 19	21 42	0 14	18 23	1 28	21 49	0 6	12 13	1 44	3 43	0 46	13 45	0 20
T 3	22 20	25 15	4 58	21 26	1 36	21 55	0 12	18 13	1 27	21 50	0 6	12 12	1 44	3 42	0 46	13 45	0 20
W 4	22 27	27 17	4 33	21 7	1 54	22 7	0 9	18 2	1 26	21 51	0 6	12 11	1 44	3 42	0 46	13 45	0 20
T 5	22 34	27 15	3 49	20 47	2 11	22 19	0 7	17 52	1 26	21 52	0 7	12 9	1 44	3 42	0 46	13 45	0 20
F 6	22 40	25 13	2 50	20 28	2 27	22 30	0 5	17 41	1 25	21 53	0 7	12 8	1 44	3 41	0 46	13 45	0 20
S 7	22 46	21 32	1 41	20 10	2 43	22 40	0 2	17 30	1 24	21 54	0 7	12 7	1 44	3 41	0 46	13 46	0 20
S 8	22 52	16 42	0 28	19 52	2 58	22 50	0n 0	17 19	1 24	21 55	0 7	12 5	1 43	3 41	0 46	13 46	0 20
M 9	22 57	11 11	0s44	19 34	3 12	22 59	0 2	17 8	1 23	21 55	0 7	12 4	1 43	3 40	0 46	13 46	0 20
T 10	23 1	5 19	1 52	19 18	3 25	23 7	0 5	16 57	1 22	21 56	0 7	12 3	1 43	3 40	0 46	13 46	0 20
W11	23 6	0s34	2 52	19 3	3 37	23 15	0 7	16 46	1 22	21 57	0 7	12 1	1 43	3 40	0 46	13 46	0 20
T 12	23 10	6 18	3 43	18 49	3 48	23 22	0 10	16 34	1 21	21 58	0 8	12 0	1 43	3 39	0 46	13 46	0 20
F 13	23 13	11 40	4 22	18 37	3 57	23 28	0 12	16 23	1 20	22 0	0 8	11 58	1 43	3 39	0 46	13 47	0 20
S 14	23 16	16 31	4 49	18 26	4 5	23 34	0 14	16 11	1 20	22 1	0 8	11 56	1 43	3 39	0 46	13 47	0 20
S 15	23 19	20 42	5 3	18 17	4 12	23 39	0 17	16 0	1 19	22 2	0 8	11 55	1 43	3 39	0 46	13 47	0 20
M16	23 21	24 1	5 3	18 10	4 17	23 43	0 19	15 48	1 18	22 3	0 8	11 53	1 43	3 39	0 46	13 47	0 20
T 17	23 23	26 18	4 51	18 4	4 21	23 47	0 21	15 36	1 18	22 4	0 8	11 52	1 43	3 38	0 46	13 47	0 20
W18	23 25	27 25	4 26	18 1	4 23	23 50	0 24	15 24	1 17	22 5	0 9	11 50	1 42	3 38	0 46	13 48	0 20
T 19	23 26	27 16	3 50	17 59	4 25	23 52	0 26	15 12	1 16	22 6	0 9	11 48	1 42	3 38	0 46	13 48	0 20
F 20	23 26	25 50	3 2	17 59	4 25	23 54	0 28	15 0	1 16	22 7	0 9	11 46	1 42	3 38	0 46	13 48	0 20
S 21	23 26	23 11	2 7	18 0	4 24	23 54	0 30	14 48	1 15	22 8	0 9	11 45	1 42	3 38	0 46	13 48	0 20
S 22	23 26	19 28	1 4	18 4	4 21	23 55	0 33	14 36	1 14	22 9	0 9	11 43	1 42	3 38	0 46	13 49	0 20
M23	23 26	14 52	0n 2	18 9	4 18	23 54	0 35	14 23	1 14	22 11	0 9	11 41	1 42	3 38	0 47	13 49	0 20
T 24	23 25	9 33	1 10	18 15	4 13	23 53	0 37	14 11	1 13	22 12	0 9	11 39	1 42	3 38	0 47	13 49	0 20
W25	23 23	3 45	2 15	18 24	4 8	23 50	0 39	13 58	1 12	22 13	0 10	11 37	1 42	3 38	0 47	13 50	0 20
T 26	23 21	2n22	3 15	18 33	4 1	23 48	0 41	13 46	1 12	22 14	0 10	11 36	1 42	3 38	0 47	13 50	0 20
F 27	23 19	8 31	4 6	18 44	3 54	23 44	0 43	13 33	1 11	22 15	0 10	11 34	1 42	3 38	0 47	13 50	0 20
S 28	23 16	14 26	4 44	18 56	3 46	23 40	0 45	13 20	1 10	22 16	0 10	11 32	1 42	3 38	0 47	13 51	0 20
S 29	23 13	19 44	5 6	19 9	3 37	23 35	0 48	13 7	1 10	22 17	0 10	11 30	1 41	3 38	0 47	13 51	0 20
M30	23n10	24n 0	5n 8	19n22	3s28	23n30	0n50	12n54	1n 9	22s19	0s10	11n28	1n41	3s38	0s47	13s51	0s20

Julian Day Number = 2454618.5, Delta T = 65.59 sec

Ecliptic obliquity = 23°26'24, Nutation = 0°00'09, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°51'28, Lahiri = 23°58'29

ASTRODIENST EPHEMERIS for the year 2008
geocentric

JULY 2008

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 37 41	9♌32'16	9♊58	18♊1	15♌31	29♏36	18♒32	4♎31	22♒39	23♒56	29♒34	19♒11	20♌42	9♌10	20♒28	T 1
W 2	18 41 37	10♍29'30	25° 3	18°55	16°45	0♎11	18♌24	4°36	22♌39	23♌55	29♌33	19♌5	20°39	9°17	20♌26	W 2
T 3	18 45 34	11°26'44	10♌6	19°54	17°59	0°47	18°17	4°42	22°39	23°54	29°31	19° 0	20°36	9°23	20°24	T 3
F 4	18 49 31	12°23'57	24°57	20°58	19°13	1°23	18° 9	4°47	22°38	23°53	29°30	18°57	20°33	9°30	20°22	F 4
S 5	18 53 27	13°21'11	9♏30	22° 5	20°26	1°59	18° 2	4°53	22°38	23°52	29°28	18°55	20°30	9°37	20°19	S 5
S 6	18 57 24	14°18'24	23°38	23°17	21°40	2°35	17°54	4°58	22°37	23°51	29°27	18°D55	20°26	9°44	20°17	S 6
M 7	19 1 20	15°15'37	7♎20	24°32	22°54	3°11	17°46	5° 4	22°37	23°49	29°25	18°56	20°23	9°50	20°15	M 7
T 8	19 5 17	16°12'50	20°35	25°52	24° 8	3°47	17°38	5°10	22°36	23°48	29°24	18°57	20°20	9°57	20°12	T 8
W 9	19 9 13	17°10'03	3♌26	27°16	25°21	4°23	17°31	5°16	22°36	23°47	29°22	18°59	20°17	10° 4	20°10	W 9
T 10	19 13 10	18° 7'16	15°57	28°43	26°35	4°59	17°23	5°22	22°35	23°46	29°21	18°R59	20°14	10°10	20° 7	T 10
F 11	19 17 6	19° 4'28	28°11	0♌14	27°49	5°35	17°15	5°28	22°35	23°44	29°19	18°59	20°11	10°17	20° 5	F 11
S 12	19 21 3	20° 1'41	10♎14	1°50	29° 3	6°11	17° 8	5°34	22°34	23°43	29°18	18°57	20° 7	10°24	20° 2	S 12
S 13	19 24 59	20°58'53	22°10	3°28	0♏16	6°47	17° 0	5°40	22°33	23°42	29°16	18°54	20° 4	10°31	19°59	S 13
M14	19 28 56	21°56'06	4♌2	5°11	1°30	7°24	16°52	5°46	22°33	23°41	29°15	18°51	20° 1	10°37	19°57	M14
T 15	19 32 53	22°53'19	15°55	6°56	2°44	8° 0	16°45	5°52	22°32	23°39	29°14	18°46	19°58	10°44	19°54	T 15
W16	19 36 49	23°50'32	27°50	8°45	3°58	8°36	16°37	5°58	22°31	23°38	29°12	18°42	19°55	10°51	19°51	W16
T 17	19 40 46	24°47'45	9♌51	10°37	5°11	9°13	16°29	6° 5	22°30	23°37	29°11	18°38	19°52	10°57	19°49	T 17
F 18	19 44 42	25°44'59	22° 0	12°32	6°25	9°49	16°22	6°11	22°29	23°35	29° 9	18°35	19°48	11° 4	19°46	F 18
S 19	19 48 39	26°42'13	4♌17	14°29	7°39	10°26	16°14	6°17	22°28	23°34	29° 8	18°34	19°45	11°11	19°43	S 19
S 20	19 52 35	27°39'27	16°45	16°29	8°53	11° 3	16° 7	6°24	22°27	23°32	29° 7	18°D33	19°42	11°18	19°40	S 20
M21	19 56 32	28°36'42	29°24	18°30	10° 6	11°39	16° 0	6°30	22°26	23°31	29° 5	18°33	19°39	11°24	19°37	M21
T 22	20 0 29	29°33'58	12♌16	20°34	11°20	12°16	15°52	6°37	22°25	23°29	29° 4	18°34	19°36	11°31	19°34	T 22
W23	20 4 25	0♏31'14	25°22	22°38	12°34	12°53	15°45	6°43	22°24	23°28	29° 3	18°36	19°32	11°38	19°31	W23
T 24	20 8 22	1°28'31	8♌44	24°44	13°48	13°29	15°38	6°50	22°22	23°27	29° 2	18°37	19°29	11°44	19°29	T 24
F 25	20 12 18	2°25'49	22°22	26°51	15° 1	14° 6	15°31	6°57	22°21	23°25	29° 0	18°38	19°26	11°51	19°26	F 25
S 26	20 16 15	3°23'08	6♌16	28°58	16°15	14°43	15°24	7° 3	22°20	23°24	28°59	18°R38	19°23	11°58	19°23	S 26
S 27	20 20 11	4°20'28	20°27	1♏5	17°29	15°20	15°17	7°10	22°18	23°22	28°58	18°37	19°20	12° 5	19°20	S 27
M28	20 24 8	5°17'49	4♊53	3°11	18°43	15°57	15°10	7°17	22°17	23°21	28°57	18°36	19°17	12°11	19°17	M28
T 29	20 28 4	6°15'11	19°29	5°18	19°57	16°34	15° 3	7°24	22°16	23°19	28°56	18°35	19°13	12°18	19°14	T 29
W30	20 32 1	7°12'34	4♌10	7°24	21°10	17°11	14°56	7°30	22°14	23°17	28°55	18°34	19°10	12°25	19°10	W30
T 31	20 35 58	8♏9'58	18♌51	9♏29	22♏24	17♎49	14♌50	7♎37	22♌13	23♌16	28♌53	18♌32	19♌7	12♌31	19♌7	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	decl	lat
T 1	23n 6	26n43	4n50	19n37	3s18	23n23	0n52	12n41	1n 8	22s20	0s10	11n26	1n41	3s38	0s47	13s52	0s20	17s 4	6n23	15s 4	14s35	26s39	8s 5	6n56
W 2	23 2	27 32	4 11	19 52	3 7	23 16	0 53	12 28	1 8	22 21	0 11	11 24	1 41	3 38	0 47	13 52	0 20	17 4	6 22	15 6	14 36	26 40	8 6	6 56
T 3	22 57	26 18	3 15	20 8	2 56	23 9	0 55	12 14	1 7	22 22	0 11	11 22	1 41	3 38	0 47	13 52	0 20	17 4	6 22	15 8	14 37	26 40	8 6	6 56
F 4	22 52	23 13	2 7	20 23	2 45	23 0	0 57	12 1	1 6	22 23	0 11	11 19	1 41	3 38	0 47	13 53	0 20	17 4	6 22	15 9	14 39	26 41	8 7	6 56
S 5	22 46	18 42	0 51	20 40	2 33	22 51	0 59	11 48	1 6	22 25	0 11	11 17	1 41	3 39	0 47	13 53	0 20	17 4	6 22	15 9	14 40	26 42	8 7	6 57
S 6	22 40	13 14	0s26	20 56	2 21	22 42	1 1	11 34	1 5	22 26	0 11	11 15	1 41	3 39	0 47	13 54	0 20	17 4	6 22	15 9	14 41	26 43	8 8	6 57
M 7	22 34	7 17	1 39	21 12	2 8	22 31	1 2	11 21	1 5	22 27	0 11	11 13	1 41	3 39	0 47	13 54	0 20	17 5	6 22	15 9	14 42	26 43	8 8	6 57
T 8	22 27	1 13	2 44	21 27	1 55	22 20	1 4	11 7	1 4	22 28	0 11	11 11	1 41	3 39	0 47	13 54	0 20	17 5	6 22	15 9	14 43	26 44	8 9	6 57
W 9	22 20	4s43	3 39	21 42	1 43	22 9	1 6	10 53	1 3	22 29	0 12	11 9	1 41	3 40	0 47	13 55	0 20	17 5	6 21	15 8	14 44	26 45	8 9	6 58
T 10	22 13	10 19	4 22	21 57	1 29	21 56	1 7	10 39	1 3	22 30	0 12	11 6	1 41	3 40	0 47	13 55	0 20	17 5	6 21	15 8	14 45	26 46	8 10	6 58
F 11	22 5	15 23	4 53	22 10	1 16	21 44	1 9	10 26	1 2	22 31	0 12	11 4	1 41	3 40	0 47	13 56	0 20	17 5	6 21	15 8	14 46	26 46	8 10	6 58
S 12	21 57	19 47	5 9	22 22	1 3	21 30	1 10	10 12	1 1	22 33	0 12	11 2	1 41	3 40	0 47	13 56	0 20	17 5	6 21	15 9	14 47	26 47	8 11	6 58
S 13	21 48	23 20	5 12	22 33	0 50	21 16	1 12	9 58	1 1	22 34	0 12	11 0	1 40	3 41	0 47	13 57	0 20	17 6	6 21	15 9	14 48	26 48	8 11	6 58
M14	21 39	25 54	5 2	22 43	0 37	21 1	1 13	9 43	1 0	22 35	0 12	10 57	1 40	3 41	0 47	13 57	0 20	17 6	6 20	15 11	14 49	26 48	8 12	6 59
T 15	21 30	27 19	4 39	22 51	0 25	20 46	1 15	9 29	0 59	22 36	0 12	10 55	1 40	3 41	0 47	13 57	0 20	17 6	6 20	15 12	14 50	26 49	8 13	6 59
W16	21 20	27 29	4 3	22 57	0 12	20 30	1 16	9 15	0 59	22 37	0 13	10 53	1 40	3 42	0 47	13 58	0 20	17 6	6 20	15 13	14 51	26 50	8 13	6 59
T 17	21 10	26 21	3 17	23 1	0 0	20 13	1 17	9 1	0 58	22 38	0 13	10 50	1 40	3 42	0 47	13 58	0 20	17 6	6 20	15 14	14 52	26 50	8 14	6 59
F 18	21 0	23 58	2 21	23 2	0n11	19 56	1 18	8 46	0 58	22 39	0 13	10 48	1 40	3 43	0 47	13 59	0 21	17 7	6 20	15 15	14 53	26 51	8 15	6 59
S 19	20 49	20 27	1 18	23 2	0 23	19 38	1 19	8 32	0 57	22 40	0 13	10 45	1 40	3 43	0 47	13 59	0 21	17 7	6 20	15 16	14 54	26 52	8 15	6 59
S 20	20 38	15 59	0 10	22 58	0 33	19 20	1 20	8 18	0 56	22 41	0 13	10 43	1 40	3 43	0 47	14 0	0 21	17 7	6 19	15 16	14 55	26 52	8 16	7 0
M21	20 26	10 45	0n59	22 53	0 43	19 1	1 21	8 3	0 56	22 42	0 13	10 41	1 40	3 44	0 48	14 0	0 21	17 7	6 19	15 16	14 56	26 53	8 17	7 0
T 22	20 15	5 0	2 7	22 44	0 53	18 42	1 22	7 48	0 55	22 43	0 13	10 38	1 40	3 44	0 48	14 1	0 21	17 7	6 19	15 16	14 57	26 54	8 18	7 0
W23	20 2	1n 3	3 9	22 33	1 1	18 22	1 23	7 34	0 54	22 44	0 14	10 36	1 40	3 45	0 48	14 1	0 21	17 7	6 19	15 15	14 58	26 54	8 18	7 0
T 24	19 50	7 11	4 3	22 19	1 9	18 2	1 24	7 19	0 54	22 45	0 14	10 33	1 40	3 45	0 48	14 2	0 21	17 8	6 18	15 15	14 59	26 55	8 19	7 0
F 25	19 37	13 5	4 43	22 2	1 17	17 41	1 25	7 4	0 53	22 46	0 14	10 31	1 40	3 46	0 48	14 2	0 21	17 8	6 18	15 15	15 0	26 55	8 20	7 0
S 26	19 24	18 28	5 9	21 43	1 23	17 20	1 26	6 50	0 53	22 47	0 14	10 28	1 40	3 46	0 48	14 3	0 21	17 8	6 18	15 15	15 1	26 56	8 21	7 0
S 27	19 11	22 56	5 16	21 22	1 29	16 58	1 26	6 35	0 52	22 48	0 14	10 26	1 40	3 47	0 48	14 3	0 21	17 8	6 18	15 15	15 2	26 57	8 22	7 0
M28	18 57	26 5	5 3	20 58	1 34	16 36	1 27	6 20	0 51	22 49	0 14	10 23	1 40	3 48	0 48	14 4	0 21	17 9	6 18	15 15	15 3	26 57	8 22	7 0
T 29	18 43	27 32	4 31	20 31	1 38	16 13	1 27	6 5	0 51	22 50	0 14	10 20	1 40	3 48	0 48	14 4	0 21	17 9	6 17	15 15	15 3	26 58	8 23	7 1
W30	18 28	27 4	3 41	20 3	1 41	15 50	1 28	5 50	0 50	22 50	0 14	10 18	1 40	3 49	0 48	14 5	0 21	17 9	6 17	15 16	15 4	26 58	8 24	7 1
T 31	18n14	24n42	2n37	19n32	1n43	15n26	1n28	5n35	0n49	22s51	0s14	10n15	1n40	3s49	0s48	14s 5	0s21	17s 9	6n17	15s16	15s 5	26s59	8s25	7n 1

ASTRODIENST EPHEMERIS for the year 2008
geocentric

AUGUST 2008

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	20 39 54	9♌ 7'23	3♌24	11♌33	23♌38	18♍26	14°R43	7♍44	22°R11	23°R14	28°R52	18°R32	19♎ 4	12♎38	19°R 4	F 1
S 2	20 43 51	10° 4'49	17°44	13°36	24°52	19° 3	14♎37	7°51	22♎10	23♎13	28♎51	18°D31	19° 1	12°45	19♎ 1	S 2
S 3	20 47 47	11° 2'16	1♍45	15°38	26° 5	19°40	14°31	7°58	22° 8	23°11	28°50	18♎32	18°58	12°52	18°58	S 3
M 4	20 51 44	11°59'43	15°24	17°38	27°19	20°18	14°25	8° 5	22° 6	23°10	28°49	18°32	18°54	12°58	18°55	M 4
T 5	20 55 40	12°57'11	28°40	19°37	28°33	20°55	14°19	8°12	22° 5	23° 8	28°48	18°33	18°51	13° 5	18°52	T 5
W 6	20 59 37	13°54'40	11♌33	21°35	29°47	21°33	14°13	8°19	22° 3	23° 6	28°47	18°33	18°48	13°12	18°49	W 6
T 7	21 3 33	14°52'10	24° 7	23°31	1♍ 0	22°10	14° 7	8°27	22° 1	23° 5	28°46	18°34	18°45	13°18	18°45	T 7
F 8	21 7 30	15°49'40	6♍24	25°25	2°14	22°48	14° 2	8°34	22° 0	23° 3	28°45	18°34	18°42	13°25	18°42	F 8
S 9	21 11 27	16°47'12	18°28	27°18	3°28	23°25	13°56	8°41	21°58	23° 1	28°44	18°R34	18°38	13°32	18°39	S 9
S 10	21 15 23	17°44'44	0♎25	29°10	4°42	24° 3	13°51	8°48	21°56	23° 0	28°43	18°34	18°35	13°39	18°36	S 10
M 11	21 19 20	18°42'17	12°17	1♍ 0	5°55	24°41	13°46	8°55	21°54	22°58	28°43	18°D34	18°32	13°45	18°33	M 11
T 12	21 23 16	19°39'51	24°11	2°49	7° 9	25°18	13°41	9° 3	21°52	22°57	28°42	18°34	18°29	13°52	18°30	T 12
W 13	21 27 13	20°37'26	6♎ 9	4°36	8°23	25°56	13°36	9°10	21°50	22°55	28°41	18°34	18°26	13°59	18°27	W 13
T 14	21 31 9	21°35'02	18°15	6°21	9°37	26°34	13°31	9°17	21°48	22°53	28°40	18°34	18°23	14° 5	18°23	T 14
F 15	21 35 6	22°32'39	0♎33	8° 5	10°50	27°12	13°27	9°25	21°46	22°52	28°39	18°35	18°19	14°12	18°20	F 15
S 16	21 39 2	23°30'17	13° 4	9°48	12° 4	27°50	13°23	9°32	21°44	22°50	28°39	18°R35	18°16	14°19	18°17	S 16
S 17	21 42 59	24°27'56	25°49	11°29	13°18	28°28	13°18	9°39	21°42	22°48	28°38	18°35	18°13	14°26	18°14	S 17
M 18	21 46 56	25°25'37	8♎49	13° 9	14°31	29° 6	13°14	9°47	21°40	22°47	28°37	18°34	18°10	14°32	18°11	M 18
T 19	21 50 52	26°23'19	22° 4	14°47	15°45	29°44	13°11	9°54	21°38	22°45	28°37	18°34	18° 7	14°39	18° 8	T 19
W 20	21 54 49	27°21'02	5♎33	16°24	16°59	0♎22	13° 7	10° 2	21°36	22°44	28°36	18°33	18° 3	14°46	18° 5	W 20
T 21	21 58 45	28°18'47	19°15	17°59	18°12	1° 0	13° 3	10° 9	21°34	22°42	28°35	18°32	18° 0	14°52	18° 2	T 21
F 22	22 2 42	29°16'34	3♎ 7	19°33	19°26	1°39	13° 0	10°17	21°32	22°40	28°35	18°31	17°57	14°59	17°58	F 22
S 23	22 6 38	0♍14'22	17° 9	21° 5	20°40	2°17	12°57	10°24	21°30	22°39	28°34	18°30	17°54	15° 6	17°55	S 23
S 24	22 10 35	1°12'12	1♍18	22°36	21°53	2°55	12°54	10°32	21°27	22°37	28°34	18°D29	17°51	15°12	17°52	S 24
M 25	22 14 31	2°10'04	15°32	24° 6	23° 7	3°34	12°51	10°39	21°25	22°35	28°33	18°30	17°48	15°19	17°49	M 25
T 26	22 18 28	3° 7'58	29°49	25°34	24°20	4°12	12°49	10°47	21°23	22°34	28°33	18°31	17°44	15°26	17°46	T 26
W 27	22 22 25	4° 5'53	14♎ 6	27° 1	25°34	4°51	12°46	10°54	21°21	22°32	28°32	18°32	17°41	15°33	17°43	W 27
T 28	22 26 21	5° 3'51	28°19	28°26	26°48	5°29	12°44	11° 2	21°18	22°31	28°32	18°33	17°38	15°39	17°40	T 28
F 29	22 30 18	6° 1'50	12♌26	29°50	28° 1	6° 8	12°42	11° 9	21°16	22°29	28°32	18°R33	17°35	15°46	17°37	F 29
S 30	22 34 14	6°59'51	26°22	1♎13	29°15	6°46	12°40	11°17	21°14	22°27	28°31	18°33	17°32	15°53	17°35	S 30
S 31	22 38 11	7♍57'53	10♍ 5	2♎33	0♎29	7♎25	12♎38	11♍24	21♎12	22♎26	28♎31	18♎32	17♎29	15♎59	17♎32	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	17n59	20n44	1n23	19n 0	1n45	15n 2	1n28	5n20	0n49	22s52	0s15	10n13	1n40	3s50	0s48	14s 6	0s21	17s 9	6n17	15s16	15s 6	26s59	8s26	7n 1	
S 2	17 43	15 35	0 4	18 26	1 46	14 38	1 29	5 4	0 48	22 53	0 15	10 10	1 40	3 51	0 48	14 6	0 21	17 10	6 16	15 17	15 7	27 0	8 27	7 1	
S 3	17 28	9 43	1s13	17 51	1 46	14 13	1 29	4 49	0 48	22 54	0 15	10 7	1 40	3 51	0 48	14 7	0 21	17 10	6 16	15 16	15 8	27 0	8 28	7 1	
M 4	17 12	3 33	2 23	17 14	1 46	13 48	1 29	4 34	0 47	22 55	0 15	10 5	1 40	3 52	0 48	14 8	0 21	17 10	6 16	15 16	15 9	27 1	8 29	7 1	
T 5	16 56	2s36	3 24	16 36	1 45	13 22	1 29	4 19	0 46	22 55	0 15	10 2	1 40	3 53	0 48	14 8	0 21	17 10	6 16	15 16	15 10	27 2	8 30	7 1	
W 6	16 39	8 27	4 13	15 57	1 43	12 56	1 29	4 3	0 46	22 56	0 15	9 59	1 40	3 53	0 48	14 9	0 21	17 11	6 15	15 16	15 11	27 2	8 31	7 1	
T 7	16 22	13 49	4 49	15 17	1 41	12 30	1 29	3 48	0 45	22 57	0 15	9 57	1 40	3 54	0 48	14 9	0 21	17 11	6 15	15 16	15 12	27 3	8 32	7 1	
F 8	16 6	18 31	5 10	14 36	1 39	12 3	1 29	3 33	0 45	22 57	0 15	9 54	1 40	3 55	0 48	14 10	0 21	17 11	6 15	15 16	15 13	27 3	8 32	7 1	
S 9	15 48	22 24	5 17	13 54	1 35	11 37	1 28	3 17	0 44	22 58	0 16	9 51	1 40	3 55	0 48	14 10	0 21	17 11	6 15	15 16	15 14	27 3	8 33	7 1	
S 10	15 31	25 17	5 10	13 12	1 32	11 9	1 28	3 2	0 43	22 59	0 16	9 49	1 40	3 56	0 48	14 11	0 21	17 12	6 14	15 16	15 15	27 4	8 34	7 1	
M11	15 13	27 4	4 50	12 29	1 27	10 42	1 28	2 46	0 43	22 59	0 16	9 46	1 40	3 57	0 48	14 11	0 21	17 12	6 14	15 16	15 16	27 4	8 35	7 1	
T 12	14 55	27 36	4 18	11 46	1 23	10 14	1 27	2 31	0 42	23 0	0 16	9 43	1 40	3 58	0 48	14 12	0 21	17 12	6 14	15 16	15 17	27 5	8 36	7 1	
W13	14 37	26 52	3 34	11 2	1 18	9 46	1 27	2 15	0 41	23 1	0 16	9 40	1 40	3 59	0 48	14 12	0 21	17 12	6 14	15 16	15 18	27 5	8 37	7 1	
T 14	14 19	24 51	2 40	10 18	1 12	9 18	1 26	1 59	0 41	23 1	0 16	9 38	1 40	3 59	0 48	14 13	0 21	17 13	6 13	15 16	15 19	27 6	8 38	7 1	
F 15	14 0	21 38	1 38	9 34	1 7	8 49	1 26	1 44	0 40	23 2	0 16	9 35	1 40	4 0	0 48	14 14	0 21	17 13	6 13	15 16	15 20	27 6	8 39	7 0	
S 16	13 41	17 23	0 31	8 50	1 1	8 21	1 25	1 28	0 40	23 2	0 16	9 32	1 40	4 1	0 48	14 14	0 21	17 13	6 13	15 15	15 21	27 7	8 40	7 0	
S 17	13 22	12 17	0n40	8 6	0 54	7 52	1 24	1 12	0 39	23 3	0 16	9 29	1 40	4 2	0 48	14 15	0 21	17 13	6 13	15 16	15 22	27 7	8 41	7 0	
M18	13 3	6 34	1 50	7 21	0 48	7 22	1 23	0 57	0 38	23 3	0 16	9 27	1 40	4 3	0 48	14 15	0 21	17 14	6 12	15 16	15 23	27 7	8 42	7 0	
T 19	12 43	0 28	2 55	6 37	0 41	6 53	1 22	0 41	0 38	23 4	0 16	9 24	1 40	4 3	0 48	14 16	0 21	17 14	6 12	15 16	15 24	27 8	8 44	7 0	
W20	12 24	5n45	3 52	5 53	0 33	6 23	1 21	0 25	0 37	23 4	0 17	9 21	1 40	4 4	0 48	14 16	0 21	17 14	6 12	15 16	15 25	27 8	8 45	7 0	
T 21	12 4	11 47	4 36	5 9	0 26	5 54	1 20	0 10	0 37	23 5	0 17	9 18	1 40	4 5	0 48	14 17	0 21	17 14	6 12	15 16	15 26	27 9	8 46	7 0	
F 22	11 44	17 19	5 5	4 25	0 18	5 24	1 19	0s 6	0 36	23 5	0 17	9 15	1 40	4 6	0 48	14 17	0 21	17 15	6 11	15 17	15 27	27 9	8 47	7 0	
S 23	11 23	22 0	5 16	3 42	0 11	4 54	1 18	0 22	0 35	23 5	0 17	9 13	1 40	4 7	0 48	14 18	0 21	17 15	6 11	15 17	15 28	27 9	8 48	7 0	
S 24	11 3	25 27	5 8	2 58	0 3	4 24	1 17	0 38	0 35	23 6	0 17	9 10	1 40	4 8	0 48	14 18	0 21	17 15	6 11	15 17	15 29	27 10	8 49	6 59	
M25	10 42	27 19	4 42	2 16	0s 6	3 53	1 15	0 54	0 34	23 6	0 17	9 7	1 40	4 9	0 48	14 19	0 21	17 16	6 10	15 17	15 30	27 10	8 50	6 59	
T 26	10 21	27 24	3 58	1 33	0 14	3 23	1 14	1 9	0 33	23 6	0 17	9 4	1 40	4 9	0 48	14 19	0 21	17 16	6 10	15 17	15 31	27 10	8 51	6 59	
W27	10 0	25 40	2 59	0 51	0 22	2 52	1 13	1 25	0 33	23 7	0 17	9 1	1 40	4 10	0 48	14 20	0 21	17 16	6 10	15 16	15 32	27 11	8 52	6 59	
T 28	9 39	22 17	1 49	0 9	0 31	2 22	1 11	1 41	0 32	23 7	0 17	8 58	1 40	4 11	0 48	14 21	0 21	17 16	6 10	15 16	15 33	27 11	8 53	6 59	
F 29	9 18	17 37	0 34	0s32	0 39	1 51	1 10	1 57	0 32	23 7	0 17	8 56	1 40	4 12	0 48	14 21	0 21	17 17	6 9	15 16	15 34	27 11	8 54	6 59	
S 30	8 57	12 3	0s43	1 13	0 48	1 20	1 8	2 13	0 31	23 8	0 17	8 53	1 40	4 13	0 48	14 22	0 21	17 17	6 9	15 16	15 35	27 12	8 55	6 58	
S 31	8n35	6n 0	1s56	1s53	0s57	0n49	1n 6	2s29	0n30	23s 8	0s18	8n50	1n40	4s14	0s48	14s22	0s21	17s17	6n 9	15s16	15s36	27s12	8s56	6n58	

ASTRODIENST EPHEMERIS for the year 2008
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SEPTEMBER 2008

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 42 7	8 ^h 55 ^m 57 ^s	23 ^h 32 ^m	3 ^h 53 ^m	1 ^h 42 ^m	8 ^h 4 ^m	12 ^h R37	11 ^h 32 ^m	21 ^h R 9	22 ^h R24	28 ^h R31	18 ^h R30	17 ^h 25 ^m	16 ^h 7 ^m 6	17 ^h R29	M 1
T 2	22 46 4	9 ^h 54 ^m 02 ^s	6 ^h 41 ^m	5 ^h 10 ^m	2 ^h 56 ^m	8 ^h 43 ^m	12 ^h 36 ^m	11 ^h 39 ^m	21 ^h 7 ^m	22 ^h 23 ^m	28 ^h 31 ^m	18 ^h 27 ^m	17 ^h 22 ^m	16 ^h 13 ^m	17 ^h 26 ^m	T 2
W 3	22 50 0	10 ^h 52 ^m 09 ^s	19 ^h 31 ^m	6 ^h 26 ^m	4 ^h 9 ^m	9 ^h 22 ^m	12 ^h 35 ^m	11 ^h 47 ^m	21 ^h 5 ^m	22 ^h 21 ^m	28 ^h 30 ^m	18 ^h 24 ^m	17 ^h 19 ^m	16 ^h 20 ^m	17 ^h 23 ^m	W 3
T 4	22 53 57	11 ^h 50 ^m 18 ^s	2 ^h 3 ^m	7 ^h 40 ^m	5 ^h 23 ^m	10 ^h 1 ^m	12 ^h 34 ^m	11 ^h 54 ^m	21 ^h 2 ^m	22 ^h 20 ^m	28 ^h 30 ^m	18 ^h 21 ^m	17 ^h 16 ^m	16 ^h 26 ^m	17 ^h 20 ^m	T 4
F 5	22 57 54	12 ^h 48 ^m 28 ^s	14 ^h 20 ^m	8 ^h 53 ^m	6 ^h 36 ^m	10 ^h 40 ^m	12 ^h 33 ^m	12 ^h 2 ^m	21 ^h 0 ^m	22 ^h 18 ^m	28 ^h 30 ^m	18 ^h 17 ^m	17 ^h 13 ^m	16 ^h 33 ^m	17 ^h 18 ^m	F 5
S 6	23 1 50	13 ^h 46 ^m 39 ^s	26 ^h 25 ^m	10 ^h 3 ^m	7 ^h 50 ^m	11 ^h 19 ^m	12 ^h 32 ^m	12 ^h 10 ^m	20 ^h 57 ^m	22 ^h 17 ^m	28 ^h 30 ^m	18 ^h 15 ^m	17 ^h 9 ^m	16 ^h 40 ^m	17 ^h 15 ^m	S 6
S 7	23 5 47	14 ^h 44 ^m 52 ^s	8 ^h 21 ^m	11 ^h 12 ^m	9 ^h 3 ^m	11 ^h 58 ^m	12 ^h 32 ^m	12 ^h 17 ^m	20 ^h 55 ^m	22 ^h 15 ^m	28 ^h 30 ^m	18 ^h 14 ^m	17 ^h 6 ^m	16 ^h 46 ^m	17 ^h 12 ^m	S 7
M 8	23 9 43	15 ^h 43 ^m 07 ^s	20 ^h 14 ^m	12 ^h 18 ^m	10 ^h 17 ^m	12 ^h 37 ^m	12 ^h D32	12 ^h 25 ^m	20 ^h 53 ^m	22 ^h 14 ^m	28 ^h 30 ^m	18 ^h D14	17 ^h 3 ^m	16 ^h 53 ^m	17 ^h 10 ^m	M 8
T 9	23 13 40	16 ^h 41 ^m 23 ^s	2 ^h 7 ^m	13 ^h 22 ^m	11 ^h 30 ^m	13 ^h 16 ^m	12 ^h 32 ^m	12 ^h 32 ^m	20 ^h 50 ^m	22 ^h 12 ^m	28 ^h D30	18 ^h 15 ^m	17 ^h 0 ^m	17 ^h 0 ^m	17 ^h 7 ^m	T 9
W10	23 17 36	17 ^h 39 ^m 41 ^s	14 ^h 6 ^m	14 ^h 24 ^m	12 ^h 44 ^m	13 ^h 55 ^m	12 ^h 32 ^m	12 ^h 40 ^m	20 ^h 48 ^m	22 ^h 11 ^m	28 ^h 30 ^m	18 ^h 16 ^m	16 ^h 57 ^m	17 ^h 6 ^m	17 ^h 4 ^m	W10
T 11	23 21 33	18 ^h 38 ^m 00 ^s	26 ^h 15 ^m	15 ^h 24 ^m	13 ^h 57 ^m	14 ^h 34 ^m	12 ^h 33 ^m	12 ^h 47 ^m	20 ^h 45 ^m	22 ^h 9 ^m	28 ^h 30 ^m	18 ^h 18 ^m	16 ^h 54 ^m	17 ^h 13 ^m	17 ^h 2 ^m	T 11
F 12	23 25 29	19 ^h 36 ^m 20 ^s	8 ^h 38 ^m	16 ^h 20 ^m	15 ^h 11 ^m	15 ^h 14 ^m	12 ^h 33 ^m	12 ^h 55 ^m	20 ^h 43 ^m	22 ^h 8 ^m	28 ^h 30 ^m	18 ^h 19 ^m	16 ^h 50 ^m	17 ^h 20 ^m	16 ^h 59 ^m	F 12
S 13	23 29 26	20 ^h 34 ^m 43 ^s	21 ^h 19 ^m	17 ^h 14 ^m	16 ^h 24 ^m	15 ^h 53 ^m	12 ^h 34 ^m	13 ^h 2 ^m	20 ^h 41 ^m	22 ^h 7 ^m	28 ^h 30 ^m	18 ^h R20	16 ^h 47 ^m	17 ^h 27 ^m	16 ^h 57 ^m	S 13
S 14	23 33 23	21 ^h 33 ^m 07 ^s	4 ^h 20 ^m	18 ^h 5 ^m	17 ^h 38 ^m	16 ^h 33 ^m	12 ^h 35 ^m	13 ^h 10 ^m	20 ^h 38 ^m	22 ^h 5 ^m	28 ^h 30 ^m	18 ^h 19 ^m	16 ^h 44 ^m	17 ^h 33 ^m	16 ^h 55 ^m	S 14
M15	23 37 19	22 ^h 31 ^m 33 ^s	17 ^h 41 ^m	18 ^h 53 ^m	18 ^h 51 ^m	17 ^h 12 ^m	12 ^h 36 ^m	13 ^h 17 ^m	20 ^h 36 ^m	22 ^h 4 ^m	28 ^h 30 ^m	18 ^h 16 ^m	16 ^h 41 ^m	17 ^h 40 ^m	16 ^h 52 ^m	M15
T 16	23 41 16	23 ^h 30 ^m 00 ^s	1 ^h 21 ^m	19 ^h 37 ^m	20 ^h 4 ^m	17 ^h 52 ^m	12 ^h 38 ^m	13 ^h 25 ^m	20 ^h 33 ^m	22 ^h 3 ^m	28 ^h 30 ^m	18 ^h 12 ^m	16 ^h 38 ^m	17 ^h 47 ^m	16 ^h 50 ^m	T 16
W17	23 45 12	24 ^h 28 ^m 30 ^s	15 ^h 18 ^m	20 ^h 18 ^m	21 ^h 18 ^m	18 ^h 31 ^m	12 ^h 39 ^m	13 ^h 32 ^m	20 ^h 31 ^m	22 ^h 1 ^m	28 ^h 31 ^m	18 ^h 6 ^m	16 ^h 35 ^m	17 ^h 53 ^m	16 ^h 48 ^m	W17
T 18	23 49 9	25 ^h 27 ^m 01 ^s	29 ^h 26 ^m	20 ^h 54 ^m	22 ^h 31 ^m	19 ^h 11 ^m	12 ^h 41 ^m	13 ^h 40 ^m	20 ^h 29 ^m	22 ^h 0 ^m	28 ^h 31 ^m	18 ^h 1 ^m	16 ^h 31 ^m	18 ^h 0 ^m	16 ^h 45 ^m	T 18
F 19	23 53 5	26 ^h 25 ^m 35 ^s	13 ^h 8 ^m 43 ^s	21 ^h 26 ^m	23 ^h 44 ^m	19 ^h 50 ^m	12 ^h 43 ^m	13 ^h 47 ^m	20 ^h 26 ^m	21 ^h 59 ^m	28 ^h 31 ^m	17 ^h 55 ^m	16 ^h 28 ^m	18 ^h 7 ^m	16 ^h 43 ^m	F 19
S 20	23 57 2	27 ^h 24 ^m 11 ^s	28 ^h 3 ^m	21 ^h 54 ^m	24 ^h 58 ^m	20 ^h 30 ^m	12 ^h 45 ^m	13 ^h 55 ^m	20 ^h 24 ^m	21 ^h 57 ^m	28 ^h 32 ^m	17 ^h 51 ^m	16 ^h 25 ^m	18 ^h 13 ^m	16 ^h 41 ^m	S 20
S 21	0 0 58	28 ^h 22 ^m 49 ^s	12 ^h 21 ^m	22 ^h 16 ^m	26 ^h 11 ^m	21 ^h 10 ^m	12 ^h 48 ^m	14 ^h 2 ^m	20 ^h 22 ^m	21 ^h 56 ^m	28 ^h 32 ^m	17 ^h 48 ^m	16 ^h 22 ^m	18 ^h 20 ^m	16 ^h 39 ^m	S 21
M22	0 4 55	29 ^h 21 ^m 30 ^s	26 ^h 34 ^m	22 ^h 33 ^m	27 ^h 24 ^m	21 ^h 50 ^m	12 ^h 50 ^m	14 ^h 10 ^m	20 ^h 19 ^m	21 ^h 55 ^m	28 ^h 32 ^m	17 ^h D47	16 ^h 19 ^m	18 ^h 27 ^m	16 ^h 37 ^m	M22
T 23	0 8 51	0 ^h 20 ^m 12 ^s	10 ^h 23 ^m 41 ^s	22 ^h 45 ^m	28 ^h 38 ^m	22 ^h 30 ^m	12 ^h 53 ^m	14 ^h 17 ^m	20 ^h 17 ^m	21 ^h 54 ^m	28 ^h 33 ^m	17 ^h 47 ^m	16 ^h 15 ^m	18 ^h 34 ^m	16 ^h 35 ^m	T 23
W24	0 12 48	1 ^h 18 ^m 58 ^s	24 ^h 40 ^m	22 ^h R50	29 ^h 51 ^m	23 ^h 10 ^m	12 ^h 56 ^m	14 ^h 24 ^m	20 ^h 14 ^m	21 ^h 53 ^m	28 ^h 33 ^m	17 ^h 48 ^m	16 ^h 12 ^m	18 ^h 40 ^m	16 ^h 33 ^m	W24
T 25	0 16 45	2 ^h 17 ^m 45 ^s	8 ^h 23 ^m 30 ^s	22 ^h 49 ^m	1 ^h 11 ^m 4 ^s	23 ^h 50 ^m	12 ^h 59 ^m	14 ^h 32 ^m	20 ^h 12 ^m	21 ^h 51 ^m	28 ^h 34 ^m	17 ^h 49 ^m	16 ^h 9 ^m	18 ^h 47 ^m	16 ^h 31 ^m	T 25
F 26	0 20 41	3 ^h 16 ^m 34 ^s	22 ^h 10 ^m	22 ^h 40 ^m	2 ^h 17 ^m	24 ^h 30 ^m	13 ^h 2 ^m	14 ^h 39 ^m	20 ^h 10 ^m	21 ^h 50 ^m	28 ^h 34 ^m	17 ^h R50	16 ^h 6 ^m	18 ^h 54 ^m	16 ^h 29 ^m	F 26
S 27	0 24 38	4 ^h 15 ^m 26 ^s	5 ^h 24 ^m 41 ^s	22 ^h 25 ^m	3 ^h 31 ^m	25 ^h 10 ^m	13 ^h 6 ^m	14 ^h 46 ^m	20 ^h 8 ^m	21 ^h 49 ^m	28 ^h 35 ^m	17 ^h 48 ^m	16 ^h 3 ^m	19 ^h 0 ^m	16 ^h 28 ^m	S 27
S 28	0 28 34	5 ^h 14 ^m 19 ^s	19 ^h 0 ^m	22 ^h 2 ^m	4 ^h 44 ^m	25 ^h 50 ^m	13 ^h 9 ^m	14 ^h 54 ^m	20 ^h 5 ^m	21 ^h 48 ^m	28 ^h 35 ^m	17 ^h 44 ^m	16 ^h 0 ^m	19 ^h 7 ^m	16 ^h 26 ^m	S 28
M29	0 32 31	6 ^h 13 ^m 15 ^s	2 ^h 21 ^m 7 ^s	21 ^h 32 ^m	5 ^h 57 ^m	26 ^h 30 ^m	13 ^h 13 ^m	15 ^h 1 ^m	20 ^h 3 ^m	21 ^h 47 ^m	28 ^h 36 ^m	17 ^h 38 ^m	15 ^h 56 ^m	19 ^h 14 ^m	16 ^h 24 ^m	M29
T 30	0 36 27	7 ^h 12 ^m 13 ^s	15 ^h 21 ^m 1 ^s	20 ^h 54 ^m	7 ^h 11 ^m 10 ^s	27 ^h 11 ^m	13 ^h 21 ^m	15 ^h 21 ^m 8 ^s	20 ^h 11 ^m 1 ^s	21 ^h 46 ^m	28 ^h 37 ^m	17 ^h 33 ^m	15 ^h 53 ^m	19 ^h 20 ^m	16 ^h 23 ^m	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	8n13	0s12	3s 1	2s33	1s 6	0n19	1n 4	2s45	0n30	23s 8	0s18	8n47	1n40	4s15	0s48	14s23	0s21	17s18	6n 8	15s17	15s37	27s12	8s57	6n58			
T 2	7 51	6 14	3 55	3 12	1 15	0s12	1 3	3 0	0 29	23 8	0 18	8 44	1 40	4 16	0 48	14 23	0 21	17 18	6 8	15 18	15 38	27 13	8 58	6 58			
W 3	7 29	11 52	4 35	3 50	1 23	0 43	1 1	3 16	0 29	23 8	0 18	8 41	1 40	4 17	0 48	14 24	0 21	17 18	6 8	15 19	15 39	27 13	8 59	6 57			
T 4	7 7	16 54	5 1	4 27	1 32	1 14	0 59	3 32	0 28	23 9	0 18	8 39	1 40	4 18	0 48	14 24	0 21	17 18	6 7	15 20	15 40	27 13	9 0	6 57			
F 5	6 45	21 7	5 13	5 4	1 41	1 45	0 57	3 48	0 27	23 9	0 18	8 36	1 40	4 19	0 48	14 25	0 21	17 19	6 7	15 21	15 41	27 14	9 1	6 57			
S 6	6 23	24 23	5 11	5 40	1 50	2 16	0 55	4 4	0 27	23 9	0 18	8 33	1 41	4 20	0 48	14 25	0 21	17 19	6 7	15 22	15 42	27 14	9 2	6 57			
S 7	6 0	26 33	4 55	6 15	1 59	2 47	0 53	4 20	0 26	23 9	0 18	8 30	1 41	4 21	0 48	14 26	0 21	17 19	6 7	15 22	15 43	27 14	9 3	6 56			
M 8	5 38	27 30	4 26	6 49	2 7	3 18	0 51	4 35	0 26	23 9	0 18	8 27	1 41	4 21	0 48	14 26	0 21	17 20	6 6	15 22	15 44	27 14	9 4	6 56			
T 9	5 15	27 12	3 46	7 22	2 16	3 49	0 48	4 51	0 25	23 9	0 18	8 24	1 41	4 22	0 48	14 27	0 21	17 20	6 6	15 22	15 44	27 15	9 5	6 56			
W10	4 53	25 37	2 56	7 54	2 24	4 19	0 46	5 7	0 24	23 9	0 18	8 22	1 41	4 23	0 48	14 27	0 21	17 20	6 6	15 21	15 45	27 15	9 6	6 56			
T 11	4 30	22 50	1 58	8 24	2 33	4 50	0 44	5 23	0 24	23 9	0 18	8 19	1 41	4 24	0 48	14 28	0 21	17 20	6 5	15 21	15 46	27 15	9 8	6 55			
F 12	4 7	18 57	0 53	8 54	2 41	5 20	0 41	5 39	0 23	23 9	0 18	8 16	1 41	4 25	0 48	14 28	0 21	17 21	6 5	15 20	15 47	27 15	9 9	6 55			
S 13	3 44	14 8	0n16	9 22	2 49	5 51	0 39	5 54	0 22	23 9	0 18	8 13	1 41	4 26	0 48	14 28	0 21	17 21	6 5	15 20	15 48	27 15	9 10	6 55			
S 14	3 21	8 35	1 26	9 49	2 56	6 21	0 37	6 10	0 22	23 9	0 19	8 10	1 41	4 27	0 48	14 29	0 21	17 21	6 5	15 20	15 49	27 16	9 11	6 54			
M15	2 58	2 31	2 33	10 14	3 4	6 51	0 34	6 26	0 21	23 9	0 19	8 7	1 41	4 28	0 48	14 29	0 21	17 22	6 4	15 21	15 50	27 16	9 12	6 54			
T 16	2 35	3n47	3 33	10 37	3 11	7 22	0 32	6 41	0 21	23 9	0 19	8 5	1 41	4 29	0 48	14 30	0 21	17 22	6 4	15 23	15 51	27 16	9 12	6 54			
W17	2 12	10 2	4 21	10 59	3 18	7 51	0 29	6 57	0 20	23 9	0 19	8 2	1 41	4 30	0 48	14 30	0 21	17 22	6 4	15 24	15 52	27 16	9 13	6 53			
T 18	1 49	15 51	4 54	11 18	3 24	8 21	0 26	7 13	0 19	23 9	0 19	7 59	1 41	4 31	0 48	14 31	0 21	17 23	6 3	15 26	15 53	27 16	9 14	6 53			
F 19	1 25	20 52	5 9	11 36	3 30	8 51	0 24	7 28	0 19	23 9	0 19	7 56	1 42	4 32	0 48	14 31	0 21	17 23	6 3	15 28	15 54	27 16	9 15	6 53			
S 20	1 2	24 41	5 5	11 51	3 35	9 20	0 21	7 44	0 18	23 9	0 19	7 53	1 42	4 33	0 48	14 31	0 21	17 23	6 3	15 29	15 55	27 17	9 16	6 52			
S 21	0 39	26 56	4 42	12 4	3 39	9 49	0 18	7 59	0 18	23 8	0 19	7 51	1 42	4 34	0 48	14 32	0 21	17 23	6 2	15 30	15 56	27 17	9 17	6 52			
M22	0 15	27 26	4 2	12 14	3 43	10 18	0 16	8 15	0 17	23 8	0 19	7 48	1 42	4 35	0 48	14 32	0 21	17 24	6 2	15 30	15 57	27 17	9 18	6 52			
T 23	0s 8	26 7	3 7	12 21	3 46	10 47	0 13	8 30	0 16	23 8	0 19	7 45	1 42	4 36	0 48	14 33	0 21	17 24	6 2	15 30	15 58	27 17	9 19	6 51			
W24	0 31	23 12	2 2	12 24	3 48	11 16	0 10	8 45	0 16	23 8	0 19	7 42	1 42	4 36	0 48	14 33	0 21	17 24	6 2	15 30	15 59	27 17	9 20	6 51			
T 25	0 55	18 57	0 50	12 25	3 49	11 44	0 7	9 1	0 15	23 8	0 19	7 40	1 42	4 37	0 48	14 33	0 21	17 25	6 1	15 29	16 0	27 17	9 21	6 51			
F 26	1 18	13 45	0s23	12 22	3 49	12 12	0 4	9 16	0 15	23 7	0 19	7 37	1 42	4 38	0 48	14 34	0 21	17 25	6 1	15 29	16 1	27 17	9 22	6 50			
S 27	1 42	7 57	1 35	12 15	3 48	12 40	0 2	9 31	0 14	23 7	0 19	7 34	1 42	4 39	0 48	14 34	0 21	17 25	6 1	15 30	16 2	27 17	9 23	6 50			
S 28	2 5	1 54	2 40	12 3	3 45	13 7	0s 1	9 47	0 13	23 7	0 19	7 32	1 42	4 40	0 48	14 35	0 21	17 26	6 0	15 31	16 3	27 18	9 24	6 49			
M29	2 28	4s 8	3 35	11 48	3 40	13 34	0 4	10 2	0 13	23 6	0 19	7 29	1 43	4 41	0 48	14 35	0 21	17 26	6 0	15 33	16 4	27 18	9 25	6 49			
T 30	2s52	9s53	4s19	11s28	3s34	14s 1	0s 7	10s17	0n12	23s 6	0s20	7n26	1n43	4s42	0s48	14s35	0s21	17s26	6n 0	15s35	16s 4	27s18	9s25	6n49			

ASTRODIENST EPHEMERIS for the year 2008
geocentric

OCTOBER 2008

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 40 24	8♂11'13	27♂41	20°R 9	8♂23	27♂51	13♂21	15♂15	19°R58	21°R45	28♂37	17°R21	15♂50	19♂27	16°R21	W 1
T 2	0 44 20	9°10'15	10♂7	19♂17	9°37	28°31	13°26	15°22	19♂56	21♂44	28°38	17♂12	15°47	19°34	16♂20	T 2
F 3	0 48 17	10° 9'18	22°20	18°19	10°50	29°12	13°30	15°29	19°54	21°43	28°39	17° 3	15°44	19°41	16°18	F 3
S 4	0 52 14	11° 8'24	4♂23	17°16	12° 3	29°52	13°35	15°37	19°52	21°42	28°39	16°55	15°40	19°47	16°17	S 4
S 5	0 56 10	12° 7'31	16°17	16° 9	13°16	0♂33	13°40	15°44	19°50	21°41	28°40	16°49	15°37	19°54	16°15	S 5
M 6	1 0 7	13° 6'41	28° 7	14°59	14°29	1°13	13°45	15°51	19°47	21°40	28°41	16°46	15°34	20° 1	16°14	M 6
T 7	1 4 3	14° 5'52	9♂58	13°49	15°42	1°54	13°50	15°58	19°45	21°39	28°42	16°D44	15°31	20° 7	16°13	T 7
W 8	1 8 0	15° 5'04	21°55	12°40	16°55	2°35	13°55	16° 5	19°43	21°39	28°43	16°44	15°28	20°14	16°12	W 8
T 9	1 11 56	16° 4'19	4♂3	11°34	18° 8	3°16	14° 1	16°12	19°41	21°38	28°44	16°45	15°25	20°21	16°11	T 9
F 10	1 15 53	17° 3'35	16°26	10°34	19°21	3°56	14° 6	16°18	19°39	21°37	28°45	16°R46	15°21	20°27	16°10	F 10
S 11	1 19 49	18° 2'53	29°11	9°40	20°34	4°37	14°12	16°25	19°37	21°36	28°46	16°45	15°18	20°34	16° 9	S 11
S 12	1 23 46	19° 2'13	12♂19	8°54	21°47	5°18	14°18	16°32	19°35	21°36	28°47	16°42	15°15	20°41	16° 8	S 12
M13	1 27 43	20° 1'35	25°54	8°18	23° 0	5°59	14°25	16°39	19°33	21°35	28°48	16°37	15°12	20°48	16° 7	M13
T 14	1 31 39	21° 0'59	9♂53	7°53	24°13	6°40	14°31	16°46	19°31	21°34	28°49	16°29	15° 9	20°54	16° 6	T 14
W15	1 35 36	22° 0'24	24°14	7°38	25°25	7°21	14°37	16°52	19°29	21°34	28°50	16°20	15° 6	21° 1	16° 6	W15
T 16	1 39 32	22°59'52	8♂51	7°D34	26°38	8° 2	14°44	16°59	19°27	21°33	28°51	16° 9	15° 2	21° 8	16° 5	T 16
F 17	1 43 29	23°59'22	23°35	7°41	27°51	8°44	14°51	17° 5	19°25	21°33	28°52	15°59	14°59	21°14	16° 4	F 17
S 18	1 47 25	24°58'54	8♂20	7°59	29° 4	9°25	14°58	17°12	19°24	21°32	28°53	15°50	14°56	21°21	16° 4	S 18
S 19	1 51 22	25°58'29	22°58	8°27	0♂17	10° 6	15° 5	17°18	19°22	21°32	28°55	15°44	14°53	21°28	16° 3	S 19
M20	1 55 18	26°58'05	7♂23	9° 5	1°29	10°47	15°12	17°25	19°20	21°31	28°56	15°40	14°50	21°34	16° 3	M20
T 21	1 59 15	27°57'44	21°32	9°51	2°42	11°29	15°20	17°31	19°18	21°31	28°57	15°39	14°46	21°41	16° 3	T 21
W22	2 3 12	28°57'26	5♂25	10°45	3°55	12°10	15°27	17°38	19°17	21°30	28°58	15°D39	14°43	21°48	16° 3	W22
T 23	2 7 8	29°57'09	19° 2	11°45	5° 7	12°52	15°35	17°44	19°15	21°30	29° 0	15°R39	14°40	21°55	16° 2	T 23
F 24	2 11 5	0♂56'55	2♂24	12°52	6°20	13°33	15°43	17°50	19°13	21°30	29° 1	15°38	14°37	22° 1	16° 2	F 24
S 25	2 15 1	1°56'43	15°33	14° 5	7°33	14°15	15°51	17°56	19°12	21°29	29° 2	15°35	14°34	22° 8	16°D 2	S 25
S 26	2 18 58	2°56'33	28°30	15°22	8°45	14°57	15°59	18° 2	19°10	21°29	29° 4	15°29	14°31	22°15	16° 2	S 26
M27	2 22 54	3°56'25	11♂17	16°43	9°58	15°39	16° 7	18° 8	19° 9	21°29	29° 5	15°20	14°27	22°21	16° 2	M27
T 28	2 26 51	4°56'19	23°53	18° 8	11°10	16°20	16°15	18°14	19° 7	21°29	29° 7	15° 8	14°24	22°28	16° 2	T 28
W29	2 30 47	5°56'16	6♂18	19°35	12°23	17° 2	16°24	18°20	19° 6	21°28	29° 8	14°54	14°21	22°35	16° 3	W29
T 30	2 34 44	6°56'14	18°34	21° 5	13°35	17°44	16°33	18°26	19° 5	21°28	29°10	14°40	14°18	22°41	16° 3	T 30
F 31	2 38 41	7♂56'14	0♂40	22♂36	14♂48	18♂26	16♂31	18♂32	19♂3	21♂28	29♂11	14♂26	14♂15	22♂48	16♂3	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	decl lat
W 1	3s15	15s 8	4s48	11s 3	3s26	14s28	0s10	10s32	0n12	23s 6	0s20	7n23	1n43	4s43	0s48	14s36
T 2	3 38	19 39	5 3	10 35	3 16	14 54	0 13	10 47	0 11	23 5	0 20	7 21	1 43	4 44	0 48	14 36
F 3	4 1	23 15	5 4	10 1	3 5	15 20	0 16	11 2	0 10	23 5	0 20	7 18	1 43	4 44	0 48	14 36
S 4	4 24	25 48	4 52	9 25	2 51	15 45	0 19	11 17	0 10	23 4	0 20	7 16	1 43	4 45	0 48	14 36
S 5	4 48	27 9	4 27	8 45	2 36	16 11	0 22	11 31	0 9	23 4	0 20	7 13	1 43	4 46	0 48	14 37
M 6	5 11	27 16	3 50	8 2	2 19	16 35	0 25	11 46	0 8	23 4	0 20	7 10	1 43	4 47	0 48	14 37
T 7	5 34	26 7	3 4	7 18	2 0	17 0	0 28	12 1	0 8	23 3	0 20	7 8	1 44	4 48	0 48	14 37
W 8	5 57	23 47	2 9	6 33	1 41	17 23	0 31	12 15	0 7	23 3	0 20	7 5	1 44	4 49	0 48	14 38
T 9	6 19	20 20	1 8	5 49	1 21	17 47	0 34	12 30	0 7	23 2	0 20	7 3	1 44	4 49	0 48	14 38
F 10	6 42	15 56	0 2	5 6	1 0	18 10	0 37	12 44	0 6	23 1	0 20	7 0	1 44	4 50	0 48	14 38
S 11	7 5	10 44	1n 6	4 26	0 39	18 33	0 41	12 59	0 5	23 1	0 20	6 57	1 44	4 51	0 48	14 38
S 12	7 27	4 54	2 12	3 50	0 19	18 55	0 44	13 13	0 5	23 0	0 20	6 55	1 44	4 52	0 48	14 39
M13	7 50	1n19	3 13	3 18	0n 0	19 16	0 47	13 27	0 4	23 0	0 20	6 52	1 44	4 52	0 48	14 39
T 14	8 12	7 39	4 3	2 50	0 19	19 38	0 50	13 41	0 4	22 59	0 20	6 50	1 45	4 53	0 48	14 39
W15	8 34	13 44	4 40	2 29	0 36	19 58	0 53	13 55	0 3	22 58	0 20	6 48	1 45	4 54	0 48	14 39
T 16	8 56	19 11	5 0	2 13	0 51	20 18	0 56	14 9	0 2	22 58	0 20	6 45	1 45	4 55	0 48	14 39
F 17	9 18	23 30	5 0	2 3	1 6	20 38	0 59	14 23	0 2	22 57	0 20	6 43	1 45	4 55	0 48	14 40
S 18	9 40	26 18	4 40	1 58	1 18	20 57	1 2	14 37	0 1	22 56	0 20	6 40	1 45	4 56	0 48	14 40
S 19	10 2	27 16	4 1	1 59	1 29	21 16	1 5	14 50	0 1	22 56	0 20	6 38	1 45	4 57	0 48	14 40
M20	10 24	26 22	3 8	2 5	1 39	21 34	1 7	15 4	0 0	22 55	0 21	6 36	1 46	4 57	0 48	14 40
T 21	10 45	23 46	2 4	2 16	1 47	21 51	1 10	15 17	0s 1	22 54	0 21	6 33	1 46	4 58	0 48	14 40
W22	11 6	19 47	0 54	2 31	1 53	22 8	1 13	15 31	0 1	22 53	0 21	6 31	1 46	4 59	0 48	14 40
T 23	11 27	14 50	0s18	2 50	1 58	22 24	1 16	15 44	0 2	22 52	0 21	6 29	1 46	4 59	0 48	14 40
F 24	11 48	9 16	1 27	3 13	2 2	22 40	1 19	15 57	0 2	22 51	0 21	6 26	1 46	5 0	0 48	14 40
S 25	12 9	3 22	2 31	3 38	2 5	22 55	1 22	16 10	0 3	22 51	0 21	6 24	1 46	5 0	0 48	14 41
S 26	12 30	2s33	3 26	4 7	2 6	23 9	1 24	16 23	0 4	22 50	0 21	6 22	1 47	5 1	0 48	14 41
M27	12 50	8 17	4 9	4 38	2 6	23 9	1 27	16 35	0 4	22 49	0 21	6 20	1 47	5 2	0 48	14 41
T 28	13 10	13 36	4 40	5 10	2 6	23 36	1 30	16 48	0 5	22 48	0 21	6 17	1 47	5 2	0 48	14 41
W29	13 30	18 17	4 56	5 44	2 5	23 49	1 33	17 1	0 5	22 47	0 21	6 15	1 47	5 3	0 48	14 41
T 30	13 50	22 8	4 59	6 20	2 3	24 0	1 35	17 13	0 6	22 46	0 21	6 13	1 47	5 3	0 48	14 41
F 31	14 s 9	24s59	4s48	6s56	2n 0	24s11	1s38	17s25	0s 7	22s45	0s21	6n11	1n48	5s 4	0s48	14s41

Julian Day Number = 2454740.5, Delta T = 65.70 sec
Ecliptic obliquity = 23°26'25", Nutation = 0°00'11", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°51'45", Lahiri = 23°58'46"

ASTRODIENST EPHEMERIS for the year 2008

geocentric

NOVEMBER 2008

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 42 37	8♌56°16	12♊37	24♏10	16♌0	19♍8	16♌50	18♏38	19♏2	21♏28	29♊13	14♏R14	14♏12	22♊55	16♏4	S 1
S 2	2 46 34	9°56'20	24°29	25°44	17°12	19°50	16°59	18°43	19♏1	21°D28	29°14	14♏4	14°8	23°1	16°4	S 2
M 3	2 50 30	10°56'25	6♌17	27°19	18°25	20°32	17°9	18°49	18°59	21°28	29°16	13°58	14°5	23°8	16°5	M 3
T 4	2 54 27	11°56'33	18°6	28°56	19°37	21°15	17°18	18°55	18°58	21°28	29°17	13°54	14°2	23°15	16°5	T 4
W 5	2 58 23	12°56'41	29°59	0♌32	20°49	21°57	17°27	19°0	18°57	21°28	29°19	13°52	13°59	23°22	16°6	W 5
T 6	3 2 20	13°56'51	12♏3	2°9	22°2	22°39	17°37	19°5	18°56	21°28	29°21	13°52	13°56	23°28	16°7	T 6
F 7	3 6 16	14°57'03	24°23	3°47	23°14	23°21	17°47	19°11	18°55	21°28	29°22	13°52	13°52	23°35	16°7	F 7
S 8	3 10 13	15°57'16	7♏4	5°24	24°26	24°4	17°56	19°16	18°54	21°29	29°24	13°50	13°49	23°42	16°8	S 8
S 9	3 14 10	16°57'31	20°11	7°2	25°38	24°46	18°6	19°21	18°53	21°29	29°26	13°47	13°46	23°48	16°9	S 9
M10	3 18 6	17°57'47	3♏46	8°39	26°50	25°29	18°16	19°26	18°52	21°29	29°28	13°42	13°43	23°55	16°10	M10
T 11	3 22 3	18°58'04	17°51	10°17	28°2	26°11	18°27	19°31	18°51	21°29	29°29	13°33	13°40	24°2	16°11	T 11
W12	3 25 59	19°58'24	2♌24	11°54	29°14	26°54	18°37	19°36	18°51	21°30	29°31	13°23	13°37	24°8	16°12	W12
T 13	3 29 56	20°58'44	17°18	13°31	0♌26	27°37	18°47	19°41	18°50	21°30	29°33	13°11	13°33	24°15	16°14	T 13
F 14	3 33 52	21°59'07	2♏24	15°8	1°38	28°19	18°58	19°46	18°49	21°30	29°35	12°59	13°30	24°22	16°15	F 14
S 15	3 37 49	22°59'31	17°33	16°45	2°49	29°2	19°8	19°51	18°48	21°31	29°37	12°50	13°27	24°28	16°16	S 15
S 16	3 41 45	23°59'57	2♌34	18°22	4°1	29°45	19°19	19°55	18°48	21°31	29°38	12°42	13°24	24°35	16°18	S 16
M17	3 45 42	25°0'25	17°19	19°58	5°13	0♌28	19°30	20°0	18°47	21°32	29°40	12°38	13°21	24°42	16°19	M17
T 18	3 49 39	26°0'55	1♌42	21°34	6°24	1°11	19°40	20°4	18°47	21°32	29°42	12°36	13°18	24°49	16°21	T 18
W19	3 53 35	27°1'26	15°42	23°10	7°36	1°54	19°51	20°9	18°46	21°33	29°44	12°D35	13°14	24°55	16°22	W19
T 20	3 57 32	28°1'59	29°19	24°46	8°47	2°37	20°3	20°13	18°46	21°33	29°46	12°R35	13°11	25°2	16°24	T 20
F 21	4 1 28	29°2'34	12♏36	26°21	9°59	3°20	20°14	20°17	18°45	21°34	29°48	12°35	13°8	25°9	16°25	F 21
S 22	4 5 25	0♌3'11	25°34	27°57	11°10	4°3	20°25	20°21	18°45	21°35	29°50	12°32	13°5	25°15	16°27	S 22
S 23	4 9 21	1°3'50	8♌17	29°32	12°21	4°46	20°36	20°26	18°45	21°35	29°52	12°27	13°2	25°22	16°29	S 23
M24	4 13 18	2°4'30	20°47	1♌7	13°33	5°30	20°48	20°29	18°45	21°36	29°54	12°18	12°58	25°29	16°31	M24
T 25	4 17 14	3°5'11	3♌7	2°41	14°44	6°13	20°59	20°33	18°44	21°37	29°56	12°8	12°55	25°35	16°33	T 25
W26	4 21 11	4°5'55	15°19	4°16	15°55	6°56	21°11	20°37	18°44	21°38	29°58	11°55	12°52	25°42	16°35	W26
T 27	4 25 8	5°6'39	27°23	5°50	17°6	7°40	21°23	20°41	18°44	21°38	29°59	11°42	12°49	25°49	16°37	T 27
F 28	4 29 4	6°7'25	9♌21	7°25	18°17	8°23	21°34	20°44	18°D44	21°39	0♌2	11°29	12°46	25°55	16°39	F 28
S 29	4 33 1	7°8'13	21°14	8°59	19°28	9°7	21°46	20°48	18°44	21°40	0°4	11°17	12°43	26°2	16°41	S 29
S 30	4 36 57	8♌9'01	3♌3	10♌33	20♌38	9♌50	21♌58	20♏51	18♏44	21°41	0♌6	11°8	12°39	26♌9	16°43	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s29	26s41	4s24	7s34	1n57	24s22	1s40	17s37	0s 7	22s44	0s21	6n 9	1n48	5s 4	0s48	14s41	0s21	17s35	5n51	16s34	16s34	27s16	9s45	6n34			
S 2	14 48	27 9	3 49	8 12	1 53	24 32	1 43	17 49	0 8	22 43	0 21	6 7	1 48	5 5	0 47	14 41	0 21	17 35	5 51	16 36	16 35	27 16	9 45	6 34			
M 3	15 7	26 22	3 5	8 50	1 48	24 41	1 45	18 1	0 8	22 41	0 21	6 5	1 48	5 5	0 47	14 41	0 21	17 36	5 51	16 38	16 36	27 15	9 45	6 34			
T 4	15 25	24 24	2 12	9 29	1 44	24 49	1 47	18 13	0 9	22 40	0 21	6 3	1 48	5 5	0 47	14 41	0 21	17 36	5 50	16 39	16 37	27 15	9 45	6 33			
W 5	15 43	21 20	1 13	10 7	1 39	24 57	1 50	18 25	0 10	22 39	0 21	6 1	1 49	5 6	0 47	14 41	0 21	17 36	5 50	16 40	16 38	27 15	9 46	6 32			
T 6	16 2	17 20	0 10	10 46	1 33	25 4	1 52	18 36	0 10	22 38	0 21	5 59	1 49	5 6	0 47	14 41	0 21	17 36	5 50	16 40	16 39	27 15	9 46	6 32			
F 7	16 19	12 31	0n55	11 24	1 28	25 10	1 54	18 47	0 11	22 37	0 21	5 57	1 49	5 7	0 47	14 41	0 21	17 37	5 50	16 40	16 40	27 15	9 46	6 31			
S 8	16 37	7 4	1 59	12 2	1 22	25 16	1 56	18 58	0 11	22 36	0 21	5 55	1 49	5 7	0 47	14 41	0 21	17 37	5 50	16 40	16 41	27 14	9 46	6 31			
S 9	16 54	1 9	2 59	12 40	1 15	25 20	1 58	19 9	0 12	22 34	0 22	5 53	1 49	5 7	0 47	14 41	0 21	17 37	5 49	16 41	16 42	27 14	9 47	6 30			
M10	17 11	5n 2	3 51	13 18	1 9	25 24	2 0	19 20	0 13	22 33	0 22	5 52	1 50	5 8	0 47	14 41	0 21	17 37	5 49	16 43	16 43	27 14	9 47	6 30			
T 11	17 28	11 11	4 31	13 55	1 3	25 28	2 2	19 31	0 13	22 32	0 22	5 50	1 50	5 8	0 47	14 41	0 21	17 37	5 49	16 45	16 43	27 14	9 47	6 30			
W12	17 44	16 55	4 55	14 31	0 56	25 30	2 4	19 41	0 14	22 30	0 22	5 48	1 50	5 8	0 47	14 40	0 21	17 38	5 49	16 48	16 44	27 13	9 47	6 29			
T 13	18 0	21 47	5 0	15 7	0 50	25 32	2 6	19 52	0 14	22 29	0 22	5 46	1 50	5 9	0 47	14 40	0 21	17 38	5 48	16 52	16 45	27 13	9 47	6 29			
F 14	18 16	25 16	4 44	15 42	0 43	25 33	2 8	20 2	0 15	22 27	0 22	5 45	1 50	5 9	0 47	14 40	0 21	17 38	5 48	16 55	16 46	27 13	9 47	6 28			
S 15	18 31	26 58	4 8	16 16	0 36	25 34	2 9	20 12	0 16	22 26	0 22	5 43	1 51	5 9	0 47	14 40	0 21	17 38	5 48	16 58	16 47	27 12	9 47	6 28			
S 16	18 46	26 40	3 15	16 50	0 29	25 33	2 11	20 22	0 16	22 25	0 22	5 41	1 51	5 9	0 47	14 40	0 21	17 39	5 48	17 0	16 48	27 12	9 47	6 27			
M17	19 1	24 28	2 9	17 22	0 22	25 32	2 12	20 31	0 17	22 23	0 22	5 40	1 51	5 9	0 47	14 40	0 21	17 39	5 48	17 1	16 49	27 12	9 47	6 27			
T 18	19 16	20 43	0 57	17 54	0 16	25 31	2 14	20 41	0 17	22 22	0 22	5 38	1 51	5 10	0 47	14 40	0 21	17 39	5 47	17 2	16 50	27 12	9 47	6 26			
W19	19 30	15 52	0s17	18 25	0 9	25 28	2 15	20 50	0 18	22 20	0 22	5 37	1 52	5 10	0 47	14 39	0 21	17 39	5 47	17 2	16 51	27 11	9 47	6 26			
T 20	19 43	10 21	1 27	18 56	0 2	25 25	2 16	20 59	0 19	22 18	0 22	5 35	1 52	5 10	0 47	14 39	0 21	17 39	5 47	17 2	16 52	27 11	9 47	6 25			
F 21	19 57	4 30	2 32	19 25	0s 5	25 21	2 17	21 8	0 19	22 17	0 22	5 34	1 52	5 10	0 47	14 39	0 21	17 40	5 47	17 2	16 53	27 11	9 47	6 25			
S 22	20 10	1s24	3 27	19 53	0 12	25 16	2 18	21 17	0 20	22 15	0 22	5 32	1 52	5 10	0 47	14 39	0 21	17 40	5 47	17 3	16 53	27 10	9 47	6 25			
S 23	20 22	7 7	4 10	20 21	0 18	25 11	2 19	21 25	0 20	22 14	0 22	5 31	1 53	5 10	0 47	14 39	0 21	17 40	5 46	17 4	16 54	27 10	9 47	6 24			
M24	20 35	12 27	4 41	20 47	0 25	25 5	2 20	21 34	0 21	22 12	0 22	5 30	1 53	5 10	0 47	14 38	0 21	17 40	5 46	17 7	16 55	27 9	9 47	6 24			
T 25	20 47	17 13	4 58	21 13	0 31	24 58	2 21	21 42	0 21	22 10	0 22	5 28	1 53	5 10	0 47	14 38	0 21	17 40	5 46	17 10	16 56	27 9	9 47	6 23			
W26	20 58	21 13	5 1	21 37	0 38	24 50	2 22	21 50	0 22	22 8	0 22	5 27	1 53	5 10	0 47	14 38	0 21	17 40	5 46	17 13	16 57	27 9	9 46	6 23			
T 27	21 9	24 17	4 51	22 0	0 44	24 42	2 22	21 58	0 23	22 7	0 22	5 26	1 54	5 10	0 47	14 38	0 21	17 41	5 46	17 17	16 58	27 8	9 46	6 22			
F 28	21 20	26 15	4 27	22 22	0 50	24 33	2 23	22 5	0 23	22 5	0 22	5 25	1 54	5 10	0 46	14 37	0 21	17 41	5 46	17 20	16 59	27 8	9 46	6 22			
S 29	21 30	27 1	3 53	22 43	0 56	24 23	2 23	22 13	0 24	22 3	0 23	5 24	1 54	5 10	0 46	14 37	0 21	17 41	5 45	17 23	17 0	27 8	9 46	6 22			
S 30	21s40	26s32	3s 8	23s 3	1s 2	24s13	2s23	22s20	0s24	22s 1	0s23	5n23	1n54	5s10	0s46	14s37	0s21	17s41	5n45	17s26	17s 1	27s 7	9s46	6n21			

ASTRODIENST EPHEMERIS for the year 2008
geocentric

DECEMBER 2008

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 40 54	9♌ 9'51	14♋51	12♌ 7	21♋49	10♌34	22♋10	20♌55	18♌45	21♌42	0♋ 8	11°R 2	12♌36	26♌15	16♌46	M 1
T 2	4 44 50	10°10'42	26°40	13°41	23° 0	11°18	22°23	20°58	18°45	21°43	0°10	10♌58	12°33	26°22	16°48	T 2
W 3	4 48 47	11°11'33	8♌34	15°15	24°10	12° 1	22°35	21° 1	18°45	21°44	0°12	10°D57	12°30	26°29	16°50	W 3
T 4	4 52 43	12°12'26	20°37	16°49	25°21	12°45	22°47	21° 4	18°45	21°45	0°14	10°57	12°27	26°36	16°53	T 4
F 5	4 56 40	13°13'19	2♌54	18°23	26°31	13°29	22°59	21° 7	18°46	21°46	0°17	10°58	12°24	26°42	16°55	F 5
S 6	5 0 37	14°14'13	15°30	19°57	27°41	14°13	23°12	21°10	18°46	21°47	0°19	10°R59	12°20	26°49	16°58	S 6
S 7	5 4 33	15°15'08	28°30	21°31	28°51	14°57	23°24	21°12	18°47	21°48	0°21	10°58	12°17	26°56	17° 1	S 7
M 8	5 8 30	16°16'03	11°V57	23° 4	0♌ 1	15°41	23°37	21°15	18°47	21°50	0°23	10°55	12°14	27° 2	17° 3	M 8
T 9	5 12 26	17°17'00	25°55	24°38	1°11	16°25	23°49	21°18	18°48	21°51	0°25	10°50	12°11	27° 9	17° 6	T 9
W10	5 16 23	18°17'57	10♌22	26°12	2°21	17° 9	24° 2	21°20	18°48	21°52	0°27	10°42	12° 8	27°16	17° 9	W10
T 11	5 20 19	19°18'54	25°15	27°46	3°30	17°53	24°15	21°22	18°49	21°53	0°29	10°34	12° 4	27°22	17°12	T 11
F 12	5 24 16	20°19'53	10♌26	29°20	4°40	18°37	24°28	21°24	18°50	21°55	0°32	10°26	12° 1	27°29	17°14	F 12
S 13	5 28 13	21°20'52	25°45	0♋54	5°49	19°21	24°41	21°27	18°50	21°56	0°34	10°19	11°58	27°36	17°17	S 13
S 14	5 32 9	22°21'52	11♌ 1	2°28	6°58	20° 6	24°54	21°29	18°51	21°57	0°36	10°14	11°55	27°42	17°20	S 14
M15	5 36 6	23°22'53	26° 4	4° 2	8° 7	20°50	25° 7	21°30	18°52	21°59	0°38	10°11	11°52	27°49	17°23	M15
T 16	5 40 2	24°23'55	10♌45	5°36	9°16	21°34	25°20	21°32	18°53	22° 0	0°40	10°D10	11°49	27°56	17°26	T 16
W17	5 43 59	25°24'58	25° 0	7°10	10°25	22°19	25°33	21°34	18°54	22° 1	0°42	10°11	11°45	28° 2	17°29	W17
T 18	5 47 55	26°26'01	8♌49	8°43	11°34	23° 3	25°46	21°36	18°55	22° 3	0°45	10°12	11°42	28° 9	17°33	T 18
F 19	5 51 52	27°27'06	22°11	10°17	12°42	23°48	25°59	21°37	18°56	22° 4	0°47	10°R13	11°39	28°16	17°36	F 19
S 20	5 55 48	28°28'11	5♌10	11°50	13°50	24°32	26°13	21°38	18°57	22° 6	0°49	10°13	11°36	28°22	17°39	S 20
S 21	5 59 45	29°29'17	17°49	13°23	14°58	25°17	26°26	21°40	18°58	22° 7	0°51	10°11	11°33	28°29	17°42	S 21
M22	6 3 42	0♋30'24	0♌12	14°56	16° 6	26° 2	26°39	21°41	18°59	22° 9	0°53	10° 7	11°30	28°36	17°46	M22
T 23	6 7 38	1°31'32	12°23	16°28	17°14	26°47	26°53	21°42	19° 1	22°11	0°56	10° 2	11°26	28°43	17°49	T 23
W24	6 11 35	2°32'40	24°25	18° 0	18°22	27°31	27° 6	21°43	19° 2	22°12	0°58	9°55	11°23	28°49	17°52	W24
T 25	6 15 31	3°33'49	6♌21	19°31	19°29	28°16	27°20	21°43	19° 3	22°14	1° 0	9°48	11°20	28°56	17°56	T 25
F 26	6 19 28	4°34'58	18°12	21° 1	20°36	29° 1	27°33	21°44	19° 5	22°15	1° 2	9°41	11°17	29° 3	17°59	F 26
S 27	6 23 24	5°36'08	0♋ 2	22°30	21°43	29°46	27°47	21°45	19° 6	22°17	1° 4	9°35	11°14	29° 9	18° 3	S 27
S 28	6 27 21	6°37'18	11°51	23°58	22°50	0♋31	28° 0	21°45	19° 8	22°19	1° 7	9°30	11°10	29°16	18° 6	S 28
M29	6 31 17	7°38'29	23°42	25°24	23°57	1°16	28°14	21°46	19° 9	22°21	1° 9	9°27	11° 7	29°23	18°10	M29
T 30	6 35 14	8°39'39	5♌37	26°48	25° 3	2° 1	28°28	21°46	19°11	22°22	1°11	9°D26	11° 4	29°29	18°14	T 30
W31	6 39 11	9♋40'50	17♌37	28♋10	26♌ 9	2♋46	28♋42	21♌46	19♌13	22♌24	1♋13	9♌26	11♌ 1	29♌36	18♌17	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	21s49	24s51	2s15	23s22	1s 8	24s 2	2s23	22s27	0s25	21s59	0s23	5n21	1n55	5s10	0s46	14s36
T 2	21 59	22 4	1 16	23 40	1 13	23 50	2 23	22 33	0 26	21 57	0 23	5 20	1 55	5 10	0 46	14 36
W 3	22 7	18 20	0 13	23 56	1 19	23 38	2 23	22 40	0 26	21 55	0 23	5 19	1 55	5 10	0 46	14 36
T 4	22 15	13 48	0n52	24 11	1 24	23 25	2 23	22 46	0 27	21 53	0 23	5 18	1 55	5 9	0 46	14 35
F 5	22 23	8 39	1 55	24 25	1 29	23 11	2 23	22 52	0 27	21 51	0 23	5 18	1 56	5 9	0 46	14 35
S 6	22 31	3 2	2 54	24 37	1 34	22 57	2 23	22 58	0 28	21 49	0 23	5 17	1 56	5 9	0 46	14 35
S 7	22 37	2n52	3 47	24 49	1 39	22 42	2 22	23 4	0 28	21 47	0 23	5 16	1 56	5 9	0 46	14 34
M 8	22 44	8 51	4 29	24 59	1 43	22 27	2 21	23 9	0 29	21 45	0 23	5 15	1 56	5 9	0 46	14 34
T 9	22 50	14 36	4 56	25 7	1 47	22 11	2 21	23 14	0 30	21 43	0 23	5 14	1 57	5 8	0 46	14 34
W10	22 55	19 46	5 7	25 15	1 51	21 54	2 20	23 19	0 30	21 41	0 23	5 14	1 57	5 8	0 46	14 33
T 11	23 1	23 52	4 57	25 20	1 55	21 37	2 19	23 24	0 31	21 39	0 23	5 13	1 57	5 8	0 46	14 33
F 12	23 5	26 24	4 26	25 25	1 59	21 20	2 18	23 28	0 31	21 37	0 23	5 12	1 57	5 8	0 46	14 32
S 13	23 9	26 58	3 36	25 28	2 2	21 1	2 17	23 32	0 32	21 34	0 23	5 12	1 58	5 7	0 46	14 32
S 14	23 13	25 29	2 31	25 30	2 5	20 43	2 15	23 36	0 32	21 32	0 23	5 11	1 58	5 7	0 46	14 31
M15	23 16	22 10	1 16	25 30	2 7	20 23	2 14	23 40	0 33	21 30	0 23	5 11	1 58	5 6	0 46	14 31
T 16	23 19	17 29	0s 3	25 28	2 9	20 4	2 12	23 44	0 33	21 27	0 24	5 10	1 59	5 6	0 46	14 31
W17	23 22	11 56	1 19	25 26	2 11	19 43	2 10	23 47	0 34	21 25	0 24	5 10	1 59	5 6	0 46	14 30
T 18	23 24	5 58	2 29	25 21	2 12	19 23	2 9	23 50	0 35	21 23	0 24	5 9	1 59	5 5	0 46	14 30
F 19	23 25	0s 5	3 28	25 15	2 13	19 1	2 7	23 53	0 35	21 20	0 24	5 9	1 59	5 5	0 46	14 29
S 20	23 26	5 56	4 14	25 8	2 14	18 40	2 5	23 55	0 36	21 18	0 24	5 9	2 0	5 4	0 46	14 29
S 21	23 26	11 24	4 47	24 59	2 14	18 18	2 2	23 57	0 36	21 15	0 24	5 9	2 0	5 4	0 46	14 28
M22	23 26	16 18	5 5	24 49	2 13	17 55	2 0	23 59	0 37	21 13	0 24	5 8	2 0	5 3	0 46	14 28
T 23	23 26	20 28	5 10	24 37	2 13	17 32	1 57	24 1	0 37	21 10	0 24	5 8	2 0	5 3	0 45	14 27
W24	23 25	23 43	5 0	24 24	2 11	17 9	1 55	24 3	0 38	21 8	0 24	5 8	2 1	5 2	0 45	14 27
T 25	23 24	25 56	4 38	24 9	2 9	16 45	1 52	24 4	0 38	21 5	0 24	5 8	2 1	5 2	0 45	14 26
F 26	23 22	26 57	4 3	23 53	2 6	16 21	1 49	24 5	0 39	21 3	0 24	5 8	2 1	5 1	0 45	14 26
S 27	23 19	26 45	3 19	23 35	2 3	15 56	1 46	24 6	0 39	21 0	0 24	5 8	2 2	5 0	0 45	14 25
S 28	23 16	25 19	2 25	23 16	1 59	15 32	1 43	24 6	0 40	20 57	0 24	5 8	2 2	5 0	0 45	14 24
M29	23 13	22 45	1 25	22 56	1 54	15 6	1 40	24 6	0 40	20 55	0 24	5 8	2 2	4 59	0 45	14 24
T 30	23 9	19 12	0 21	22 34	1 48	14 41	1 36	24 6	0 41	20 52	0 24	5 8	2 2	4 59	0 45	14 23
W31	23s 5	14s51	0n45	22s12	1s42	14s15	1s33	24s 6	0s41	20s49	0s25	5n 9	2n 3	4s58	0s45	14s23

Julian Day Number = 2454801.5, Delta T = 65.75 sec
Ecliptic obliquity = 23°26'23", Nutation = 0°00'12", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 24°51'53", Lahiri = 23°58'54"