



Astrodienst Ephemeris Tables for the year 2283

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 2283
geocentric

JANUARY 2283

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 41 41	10 ³ 10'14	23 ³ 25	2 ³ 43	3 ³ 22	20 ¹ 10	4 ³ 18	4 ³ 16	23 ³ R40	29 ¹ 6	20 ¹ 14	23 ³ R14	21 ³ 34	18 ³ 14	14 ³ R 9	M 1
T 2	6 45 38	11 ¹ 11'23	5 ³ 33	4 ¹ 17	4 ³ 35	20 ² 41	4 ² 29	4 ² 23	23 ³ II37	29 ² 7	20 ² 16	23 ³ 4	21 ³ 31	18 ² 21	14 ³ II 6	T 2
W 3	6 49 34	12 ² 12'33	17 ⁵ 0	5 ⁵ 1	5 ⁵ 49	21 ¹ 10	4 ⁴ 1	4 ³ 0	23 ³ 35	29 ² 8	20 ² 17	22 ⁵ 55	21 ² 28	18 ² 27	14 ³ 3	W 3
T 4	6 53 31	13 ¹ 13'42	0 ³ 18	7 ² 25	7 ² 2	21 ² 40	4 ⁵ 2	4 ³ 7	23 ³ 33	29 ² 9	20 ² 19	22 ² 46	21 ² 25	18 ² 34	14 ³ 0	T 4
F 5	6 57 28	14 ¹ 14'51	12 ² 57	9 ² 0	8 ² 15	22 ² 10	5 ⁴ 4	4 ⁴ 44	23 ³ 30	29 ² 10	20 ² 20	22 ² 40	21 ² 22	18 ² 41	13 ³ 57	F 5
S 6	7 1 24	15 ¹ 16'00	25 ² 50	10 ³ 34	9 ² 28	22 ² 39	5 ⁵ 16	4 ⁵ 1	23 ³ 28	29 ² 11	20 ² 22	22 ² 36	21 ² 18	18 ² 47	13 ³ 54	S 6
S 7	7 5 21	16 ¹ 17'09	9 ³ 0	12 ² 9	10 ² 42	23 ² 8	5 ⁵ 27	4 ⁵ 58	23 ² 26	29 ² 11	20 ² 23	22 ² 34	21 ² 15	18 ² 54	13 ³ 51	S 7
M 8	7 9 17	17 ¹ 18'17	22 ² 29	13 ² 45	11 ² 55	23 ² 37	5 ⁵ 39	5 ⁵ 5	23 ² 23	29 ² 12	20 ² 25	22 ² D33	21 ² 12	19 ² 1	13 ³ 48	M 8
T 9	7 13 14	18 ¹ 19'25	6 ³ 18	15 ² 21	13 ² 9	24 ² 6	5 ⁵ 51	5 ⁵ 12	23 ² 21	29 ² 13	20 ² 26	22 ² 34	21 ² 9	19 ² 7	13 ³ 45	T 9
W10	7 17 10	19 ¹ 20'33	20 ² 31	16 ² 57	14 ² 22	24 ² 35	6 ⁶ 3	5 ⁵ 19	23 ² 19	29 ² 14	20 ² 28	22 ² R35	21 ² 6	19 ² 14	13 ³ 43	W10
T11	7 21 7	20 ² 21'41	5 ³ II 5	18 ² 33	15 ² 36	25 ² 4	6 ⁶ 15	5 ⁵ 26	23 ² 17	29 ² 14	20 ² 29	22 ² 34	21 ² 2	19 ² 21	13 ³ 40	T11
F12	7 25 3	21 ² 22'49	19 ² 56	20 ² 10	16 ² 49	25 ² 32	6 ⁶ 28	5 ⁵ 33	23 ² 15	29 ² 15	20 ² 31	22 ² 31	20 ² 59	19 ² 27	13 ³ 37	F12
S13	7 29 0	22 ² 23'56	4 ³ 59	21 ² 48	18 ² 3	26 ² 0	6 ⁶ 40	5 ⁵ 40	23 ² 12	29 ² 16	20 ² 33	22 ² 26	20 ² 56	19 ² 34	13 ³ 35	S13
S14	7 32 57	23 ² 25'03	20 ² 5	23 ² 25	19 ² 17	26 ² 28	6 ⁶ 52	5 ⁵ 46	23 ² 10	29 ² 16	20 ² 34	22 ² 18	20 ² 53	19 ² 41	13 ³ 32	S14
M15	7 36 53	24 ² 26'10	5 ³ 4	25 ² 4	20 ² 30	26 ² 56	7 ⁷ 5	5 ⁵ 53	23 ² 8	29 ² 17	20 ² 36	22 ² 8	20 ² 50	19 ² 47	13 ³ 30	M15
T16	7 40 50	25 ² 27'16	19 ² 47	26 ² 42	21 ² 44	27 ² 24	7 ⁷ 17	6 ⁶ 0	23 ² 6	29 ² 17	20 ² 38	21 ² 58	20 ² 47	19 ² 54	13 ³ 27	T16
W17	7 44 46	26 ² 28'22	4 ³ II 6	28 ² 21	22 ² 58	27 ² 51	7 ⁷ 30	6 ⁶ 7	23 ² 4	29 ² 18	20 ² 39	21 ² 48	20 ² 43	20 ² 1	13 ³ 25	W17
T18	7 48 43	27 ² 29'28	17 ² 56	0 ³ 1	24 ² 12	28 ² 18	7 ⁷ 42	6 ⁶ 14	23 ² 2	29 ² 18	20 ² 41	21 ² 40	20 ² 40	20 ² 7	13 ³ 23	T18
F19	7 52 39	28 ² 30'34	1 ³ 17	1 ⁴ 1	25 ² 25	28 ² 45	7 ⁷ 55	6 ⁶ 20	23 ² 0	29 ² 19	20 ² 43	21 ² 34	20 ² 37	20 ² 14	13 ³ 21	F19
S20	7 56 36	29 ² 31'40	14 ² 11	3 ² 21	26 ² 39	29 ² 12	8 ⁸ 8	6 ⁶ 27	22 ² 58	29 ² 19	20 ² 44	21 ² 31	20 ² 34	20 ² 21	13 ³ 18	S20
S21	8 0 33	0 ³ 32'46	26 ² 40	5 ² 2	27 ² 53	29 ² 39	8 ⁸ 21	6 ⁶ 34	22 ² 56	29 ² 19	20 ² 46	21 ² D30	20 ² 31	20 ² 27	13 ³ 16	S21
M22	8 4 29	1 ³ 33'51	8 ³ II51	6 ⁴ 43	29 ² 7	0 ³ II 5	8 ⁸ 34	6 ⁶ 41	22 ² 54	29 ² 20	20 ² 48	21 ² 30	20 ² 28	20 ² 34	13 ³ 14	M22
T23	8 8 26	2 ³ 34'56	20 ² 48	8 ⁴ 25	0 ³ 21	0 ³ 1	8 ⁸ 47	6 ⁶ 47	22 ² 53	29 ² 20	20 ² 49	21 ² R30	20 ² 24	20 ² 41	13 ³ 12	T23
W24	8 12 22	3 ³ 36'01	2 ³ 37	10 ⁴ 7	1 ³ 35	0 ³ 57	9 ⁹ 0	6 ⁶ 54	22 ² 51	29 ² 20	20 ² 51	21 ² 30	20 ² 21	20 ² 47	13 ³ 10	W24
T25	8 16 19	4 ³ 37'06	14 ² 34	11 ⁴ 50	2 ⁴ 49	1 ² 23	9 ⁹ 13	7 ⁷ 0	22 ² 49	29 ² 20	20 ² 53	21 ² 27	20 ² 18	20 ² 54	13 ³ 9	T25
F26	8 20 15	5 ³ 38'10	26 ² 12	13 ³ 33	4 ⁴ 3	1 ⁴ 48	9 ⁹ 26	7 ⁷ 7	22 ² 47	29 ² 20	20 ² 55	21 ² 22	20 ² 15	21 ² 1	13 ³ 7	F26
S27	8 24 12	6 ³ 39'14	8 ³ 5	15 ³ 16	5 ⁴ 17	2 ⁴ 14	9 ⁹ 40	7 ⁷ 13	22 ² 46	29 ² 21	20 ² 56	21 ² 14	20 ² 12	21 ² 7	13 ³ 5	S27
S28	8 28 8	7 ⁴ 40'17	20 ² 6	16 ³ 59	6 ⁴ 31	2 ³ 38	9 ⁹ 53	7 ⁷ 20	22 ² 44	29 ² 21	20 ² 58	21 ² 3	20 ² 8	21 ² 14	13 ³ 4	S28
M29	8 32 5	8 ⁴ 41'20	2 ³ 18	18 ⁴ 42	7 ⁴ 45	3 ³ 3	10 ⁹ 6	7 ⁷ 26	22 ² 43	29 ² 21	21 ² 0	20 ² 50	20 ² 5	21 ² 21	13 ³ 2	M29
T30	8 36 2	9 ⁴ 42'22	1 ⁴ 40	20 ⁴ 26	9 ⁴ 0	3 ³ 28	10 ⁹ 20	7 ⁷ 33	22 ² 41	29 ² R21	21 ² 2	20 ² 36	20 ² 2	21 ² 27	13 ³ 0	T30
W31	8 39 58	10 ⁴ 43'23	27 ⁴ 13	22 ⁴ 9	10 ³ 14	3 ³ II52	10 ⁹ 33	7 ⁷ 39	22 ² II40	29 ² 21	21 ² 4	20 ² 32	19 ³ 59	21 ² 34	12 ³ II59	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23s 1	25s45	4s27	24s21	0s59	18s54	1n55	6s 9	1n52	10s52	1 s 1	22s28	0n52	23n23	0n 8	9s36	1n39	22s 8	7s50	18n33	18n 8	25s11	16n54	5s36					
T 2	22 56	23 35	4 53	24 25	1 5	19 10	1 54	6 20	1 52	10 47	1 1	22 28	0 52	23 23	0 8	9 36	1 39	22 7	7 50	18 31	18 7	25 13	16 54	5 36					
W 3	22 51	20 18	5 6	24 27	1 10	19 24	1 52	6 31	1 52	10 43	1 1	22 28	0 52	23 23	0 8	9 36	1 39	22 7	7 50	18 28	18 6	25 14	16 54	5 35					
T 4	22 45	16 5	5 4	24 27	1 16	19 39	1 50	6 42	1 53	10 39	1 0	22 28	0 52	23 23	0 8	9 37	1 39	22 6	7 50	18 26	18 5	25 15	16 54	5 35					
F 5	22 39	11 7	4 48	24 27	1 21	19 52	1 48	6 52	1 53	10 35	1 0	22 28	0 51	23 22	0 8	9 37	1 39	22 6	7 50	18 25	18 4	25 17	16 54	5 35					
S 6	22 32	5 35	4 17	24 24	1 26	20 5	1 46	7 3	1 53	10 30	1 0	22 28	0 51	23 22	0 8	9 37	1 39	22 5	7 50	18 24	18 4	25 18	16 53	5 35					
S 7	22 25	0n19	3 32	24 21	1 30	20 18	1 44	7 13	1 54	10 26	1 0	22 27	0 51	23 22	0 8	9 37	1 39	22 5	7 49	18 23	18 3	25 19	16 53	5 35					
M 8	22 17	6 21	2 34	24 16	1 35	20 30	1 42	7 23	1 54	10 21	1 0	22 27	0 51	23 22	0 8	9 38	1 39	22 4	7 49	18 23	18 2	25 21	16 53	5 35					
T 9	22 9	12 15	1 26	24 10	1 39	20 42	1 40	7 34	1 54	10 17	1 0	22 27	0 51	23 22	0 8	9 38	1 39	22 3	7 49	18 23	18 1	25 22	16 53	5 35					
W10	22 1	17 41	0 11	24 2	1 43	20 53	1 38	7 44	1 55	10 12	1 0	22 27	0 51	23 22	0 8	9 38	1 39	22 3	7 49	18 23	18 0	25 23	16 53	5 34					
T11	21 52	22 12	1n 6	23 53	1 47	21 3	1 35	7 54	1 55	10 8	1 0	22 26	0 51	23 22	0 8	9 38	1 39	22 2	7 49	18 23	17 59	25 25	16 52	5 34					
F12	21 42	25 22	2 21	23 43	1 50	21 13	1 33	8 4	1 55	10 3	1 0	22 26	0 51	23 22	0 8	9 38	1 39	22 2	7 49	18 22	17 59	25 26	16 52	5 34					
S13	21 33	26 45	3 26	23 31	1 53	21 22	1 30	8 14	1 56	9 59	1 0	22 26	0 51	23 22	0 8	9 39	1 39	22 1	7 49	18 21	17 58	25 27	16 52	5 34					
S14	21 23	26 9	4 17	23 17	1 56	21 31	1 28	8 24	1 56	9 54	1 0	22 26	0 51	23 22	0 8	9 39	1 40	22 1	7 49	18 19	17 57	25 29	16 52	5 34					
M15	21 12	23 40	4 50	23 2	1 59	21 39	1 26	8 33	1 56	9 49	1 0	22 25	0 51	23 21	0 8	9 39	1 40	22 0	7 49	18 17	17 56	25 30	16 52	5 34					
T16	21 1	19 39	5 3	22 46	2 1	21 46	1 23	8 43	1 57	9 45	1 0	22 25	0 51	23 21	0 8	9 39	1 40	22 0	7 49	18 14	17 55	25 31	16 52	5 33					
W17	20 50	14 36	4 57	22 28	2 3	21 53	1 20	8 52	1 57	9 40	1 0	22 25	0 51	23 21	0 8	9 39	1 40	21 59	7 49	18 11	17 54	25 33	16 52	5 33					
T18	20 38	8 57	4 33	22 8	2 4	21 59	1 18	9 2	1 58	9 35	0 59	22 25	0 51	23 21	0 8	9 39	1 40	21 58	7 49	18 9	17 54	25 34	16 52	5 33					
F19	20 26	3 4	3 54	21 48	2 5	22 4	1 15	9 11	1 58	9 30	0 59	22 24	0 51	23 21	0 8	9 39	1 40	21 58	7 49	18 8	17 53	25 35	16 52	5 33					
S20	20 13	2s44	3 5	21 25	2 6	22 9	1 13	9 20	1 58	9 26	0 59	22 24	0 51	23 21	0 8	9 39	1 40	21 57	7 49	18 7	17 52	25 36	16 52	5 33					
S21	20 0	8 17	2 8	21 1	2 6	22 13	1 10	9 29	1 59	9 21	0 59	22 24	0 51	23 21	0 8	9 39	1 40	21 57	7 49	18 7	17 51	25 38	16 52	5 32					
M22	19 47	13 22	1 7	20 36	2 6	22 17	1 7	9 38	1 59	9 16	0 59	22 23	0 51	23 21	0 8	9 40	1 40	21 56	7 49	18 7	17 50	25 39	16 52	5 32					
T23	19 33	17 52	0 4	20 9	2 6	22 20	1 4	9 47	1 59	9 11	0 59	22 23	0 51	23 21	0 8	9 40	1 40	21 56	7 49	18 7	17 49	25 40	16 52	5 32					
W24	19 19	21 37	0s59	19 41	2 5	22 22	1 2	9 55	1 59	9 6	0 59	22 23	0 51	23 21	0 8	9 40	1 40	21 55	7 49	18 7	17 49	25 41	16 52	5 32					
T25	19 5	24 27	1 58	19 11	2 3	22 24	0 59	10 4	2 0	9 1	0 59	22 23	0 51	23 20	0 8	9 40	1 40	21 54	7 49	18 6	17 48	25 43	16 52	5 31					
F26	18 50	26 14	2 53	18 40	2 1	22 25	0 56	10 12	2 0	8 56	0 59	22 22	0 51	23 20	0 8	9 40	1 40	21 54	7 49	18 5	17 47	25 44	16 52	5 31					
S27	18 35	26 49	3 40	18 7	1 58	22 25	0 53	10 21	2 0	8 51	0 59	22 22	0 51	23 20	0 8	9 40	1 40	21 53	7 49	18 2	17 46	25 45	16 52	5 31					
S28	18 20	26 9	4 18	17 33	1 55	22 25	0 50	10 29	2 1	8 46	0 59	22 22	0 51	23 20	0 8	9 40	1 40	21 53	7 49	18 0	17 45	25 46	16 52	5 31					
M29	18 4	24 14	4 45	16 58	1 51	22 23	0 47	10 37	2 1	8 41	0 59	22 21	0 51	23 20	0 8	9 40	1 40	21 52	7 49	17 56	17 44	25 47	16 52	5 30					
T30	17 48	21 10	4 58	16 21	1 47	22 22	0 44	10 45	2 1	8 36	0 59	22 21	0 50	23 20	0 8	9 40	1 40	21 52	7 49	17 52	17 43	25 49	16 52	5 30					
W31	17s31	17s 5	4s58	15s43	1s42	22s19	0n41	10s53	2n 2	8s30	0s59	22s21	0n50	23n20	0n 8	9s39	1n41	21s51	7s49	17n49	17n43	25s50	16m52	5s30					

ASTRODIENST EPHEMERIS for the year 2283

geocentric

FEBRUARY 2283

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 55	11 ⁴⁴ 23	9 ⁵⁸	23 ⁵²	11 ²⁸	4 ¹⁶	10 ⁴⁷	7 ⁴⁵	22 ^{R38}	29 ^{R21}	21 ⁵	20 ^{R 9}	19 ⁵⁶	21 ⁴¹	12 ^{R58}	T 1
F 2	8 47 51	12 ⁴⁵ 22	22 ⁵⁴	25 ³⁴	12 ⁴²	4 ³⁹	11 ⁰	7 ⁵²	22 ^{II37}	29 ²¹	21 ⁷	19 ⁵⁸	19 ⁵³	21 ⁴⁷	12 ^{II56}	F 2
S 3	8 51 48	13 ⁴⁶ 20	6 ⁰	27 ¹⁵	13 ⁵⁶	5 ²	11 ¹⁴	7 ⁵⁸	22 ³⁵	29 ²¹	21 ⁹	19 ⁵¹	19 ⁴⁹	21 ⁵⁴	12 ⁵⁵	S 3
S 4	8 55 44	14 ⁴⁷ 17	19 ¹⁸	28 ⁵⁶	15 ¹⁰	5 ²⁵	11 ²⁸	8 ⁴	22 ³⁴	29 ²⁰	21 ¹¹	19 ⁴⁷	19 ⁴⁶	22 ¹	12 ⁵⁴	S 4
M 5	8 59 41	15 ⁴⁸ 12	2 ⁴⁹	0 ³⁵	16 ²⁵	5 ⁴⁸	11 ⁴²	8 ¹⁰	22 ³³	29 ²⁰	21 ¹²	19 ⁴⁵	19 ⁴³	22 ⁷	12 ⁵³	M 5
T 6	9 3 37	16 ⁴⁹ 07	16 ³⁴	2 ¹²	17 ³⁹	6 ¹⁰	11 ⁵⁵	8 ¹⁶	22 ³²	29 ²⁰	21 ¹⁴	19 ⁴⁴	19 ⁴⁰	22 ¹⁴	12 ⁵²	T 6
W 7	9 7 34	17 ⁵⁰ 00	0 ^{II33}	3 ⁴⁷	18 ⁵³	6 ³²	12 ⁹	8 ²²	22 ³¹	29 ²⁰	21 ¹⁶	19 ⁴⁴	19 ³⁷	22 ²¹	12 ⁵¹	W 7
T 8	9 11 31	18 ⁵⁰ 52	14 ⁴⁸	5 ²⁰	20 ⁷	6 ⁵⁴	12 ²³	8 ²⁸	22 ²⁹	29 ²⁰	21 ¹⁸	19 ⁴³	19 ³⁴	22 ²⁷	12 ⁵⁰	T 8
F 9	9 15 27	19 ⁵¹ 42	29 ¹⁶	6 ⁴⁹	21 ²²	7 ¹⁵	12 ³⁷	8 ³⁴	22 ²⁸	29 ¹⁹	21 ²⁰	19 ³⁹	19 ³⁰	22 ³⁴	12 ⁴⁹	F 9
S 10	9 19 24	20 ⁵² 31	13 ⁵⁴	8 ¹⁵	22 ³⁶	7 ³⁷	12 ⁵¹	8 ⁴⁰	22 ²⁷	29 ¹⁹	21 ²²	19 ³³	19 ²⁷	22 ⁴¹	12 ⁴⁹	S 10
S 11	9 23 20	21 ⁵³ 19	28 ³⁶	9 ³⁶	23 ⁵⁰	7 ⁵⁷	13 ⁵	8 ⁴⁶	22 ²⁶	29 ¹⁹	21 ²³	19 ²³	19 ²⁴	22 ⁴⁷	12 ⁴⁸	S 11
M12	9 27 17	22 ⁵⁴ 05	13 ¹⁶	10 ⁵³	25 ⁴	8 ¹⁸	13 ¹⁹	8 ⁵¹	22 ²⁵	29 ¹⁸	21 ²⁵	19 ¹²	19 ²¹	22 ⁵⁴	12 ⁴⁸	M12
T 13	9 31 13	23 ⁵⁴ 50	27 ⁴⁵	12 ³	26 ¹⁹	8 ³⁸	13 ³³	8 ⁵⁷	22 ²⁵	29 ¹⁸	21 ²⁷	19 ⁰	19 ¹⁸	23 ¹	12 ⁴⁷	T 13
W14	9 35 10	24 ⁵⁵ 34	11 ⁵⁶	13 ⁷	27 ³³	8 ⁵⁷	13 ⁴⁷	9 ³	22 ²⁴	29 ¹⁷	21 ²⁹	18 ⁴⁸	19 ¹⁴	23 ⁷	12 ⁴⁷	W14
T 15	9 39 6	25 ⁵⁶ 16	25 ⁴³	14 ³	28 ⁴⁷	9 ¹⁷	14 ¹	9 ⁸	22 ²³	29 ¹⁷	21 ³¹	18 ³⁷	19 ¹¹	23 ¹⁴	12 ⁴⁶	T 15
F 16	9 43 3	26 ⁵⁶ 57	9 ⁶	14 ⁵²	0 ²	9 ³⁶	14 ¹⁵	9 ¹⁴	22 ²²	29 ¹⁶	21 ³²	18 ²⁹	19 ⁸	23 ²¹	12 ⁴⁶	F 16
S 17	9 47 0	27 ⁵⁷ 38	22 ²	15 ³¹	1 ¹⁶	9 ⁵⁴	14 ³⁰	9 ¹⁹	22 ²²	29 ¹⁶	21 ³⁴	18 ²⁴	19 ⁵	23 ²⁷	12 ⁴⁶	S 17
S 18	9 50 56	28 ⁵⁸ 17	4 ³⁶	16 ²	2 ³⁰	10 ¹²	14 ⁴⁴	9 ²⁵	22 ²¹	29 ¹⁵	21 ³⁶	18 ²²	19 ²	23 ³⁴	12 ⁴⁶	S 18
M19	9 54 53	29 ⁵⁸ 55	16 ⁵⁰	16 ²²	3 ⁴⁵	10 ³⁰	14 ⁵⁸	9 ³⁰	22 ²⁰	29 ¹⁴	21 ³⁸	18 ^{D21}	18 ⁵⁹	23 ⁴¹	12 ^{D46}	M19
T 20	9 58 49	0 ⁵⁹ 31	28 ⁵⁰	16 ^{R32}	4 ⁵⁹	10 ⁴⁷	15 ¹²	9 ³⁵	22 ²⁰	29 ¹⁴	21 ³⁹	18 ^{R21}	18 ⁵⁵	23 ⁴⁷	12 ⁴⁶	T 20
W21	10 2 46	2 ⁰ 07	10 ⁴¹	16 ³²	6 ¹³	11 ⁴	15 ²⁷	9 ⁴¹	22 ²⁰	29 ¹³	21 ⁴¹	18 ²¹	18 ⁵²	23 ⁵⁴	12 ⁴⁶	W21
T 22	10 6 42	3 ⁰ 42	22 ²⁹	16 ²¹	7 ²⁸	11 ²⁰	15 ⁴¹	9 ⁴⁶	22 ¹⁹	29 ¹²	21 ⁴³	18 ¹⁹	18 ⁴⁹	24 ¹	12 ⁴⁶	T 22
F 23	10 10 39	4 ¹ 15	4 ¹⁹	16 ¹	8 ⁴²	11 ³⁶	15 ⁵⁵	9 ⁵¹	22 ¹⁹	29 ¹²	21 ⁴⁵	18 ¹⁵	18 ⁴⁶	24 ⁷	12 ⁴⁶	F 23
S 24	10 14 35	5 ¹ 47	16 ¹⁶	15 ³⁰	9 ⁵⁷	11 ⁵²	16 ¹⁰	9 ⁵⁶	22 ¹⁸	29 ¹¹	21 ⁴⁷	18 ⁹	18 ⁴³	24 ¹⁴	12 ⁴⁷	S 24
S 25	10 18 32	6 ² 18	28 ²⁴	14 ⁵¹	11 ¹¹	12 ⁷	16 ²⁴	10 ¹	22 ¹⁸	29 ¹⁰	21 ⁴⁸	17 ⁵⁹	18 ⁴⁰	24 ²¹	12 ⁴⁷	S 25
M26	10 22 29	7 ² 47	10 ⁴⁴	14 ³	12 ²⁵	12 ²²	16 ³⁹	10 ⁶	22 ¹⁸	29 ⁹	21 ⁵⁰	17 ⁴⁸	18 ³⁶	24 ²⁷	12 ⁴⁸	M26
T 27	10 26 25	8 ³ 15	23 ²⁰	13 ⁹	13 ⁴⁰	12 ³⁶	16 ⁵³	10 ¹¹	22 ¹⁸	29 ⁸	21 ⁵²	17 ³⁵	18 ³³	24 ³⁴	12 ⁴⁸	T 27
W28	10 30 22	9 ³ 41	6 ¹¹	12 ¹¹	14 ⁵⁴	12 ⁴⁹	17 ¹⁷	10 ¹⁵	22 ^{II18}	29 ⁷	21 ⁵⁴	17 ²³	18 ³⁰	24 ⁴¹	12 ^{II49}	W28

Day	☉	☾	♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17s14	12s11	4s43	15s 4	1s36	22s16	0n39	11s 0	2n 2	8s25	0s59	22s20	0n50	23n20	0n 8	9s39	1n41	21s50	7s49	17n45	17n42	25s51	16n52	5s30
F 2	16 57	6 41	4 13	14 24	1 30	22 13	0 36	11 8	2 2	8 20	0 59	22 20	0 50	23 20	0 8	9 39	1 41	21 50	7 49	17 42	17 41	25 52	16 52	5 29
S 3	16 40	0 49	3 29	13 42	1 23	22 8	0 33	11 15	2 3	8 15	0 59	22 20	0 50	23 20	0 8	9 39	1 41	21 49	7 49	17 40	17 40	25 53	16 52	5 29
S 4	16 22	5n11	2 33	13 0	1 15	22 3	0 30	11 23	2 3	8 10	0 59	22 19	0 50	23 20	0 8	9 39	1 41	21 49	7 49	17 39	17 39	25 55	16 52	5 29
M 5	16 5	11 3	1 28	12 17	1 7	21 57	0 27	11 30	2 3	8 4	0 59	22 19	0 50	23 20	0 8	9 39	1 41	21 48	7 49	17 39	17 38	25 56	16 53	5 28
T 6	15 46	16 30	0 17	11 34	0 57	21 51	0 24	11 37	2 3	7 59	0 59	22 19	0 50	23 20	0 8	9 39	1 41	21 48	7 49	17 39	17 37	25 57	16 53	5 28
W 7	15 28	21 10	0n57	10 50	0 47	21 44	0 21	11 44	2 4	7 54	0 59	22 18	0 50	23 20	0 8	9 39	1 41	21 47	7 49	17 39	17 37	25 58	16 53	5 28
T 8	15 9	24 40	2 8	10 6	0 36	21 36	0 18	11 51	2 4	7 48	0 59	22 18	0 50	23 19	0 8	9 39	1 41	21 47	7 49	17 38	17 36	25 59	16 53	5 28
F 9	14 50	26 36	3 12	9 22	0 24	21 28	0 15	11 57	2 4	7 43	0 59	22 17	0 50	23 19	0 8	9 38	1 41	21 46	7 49	17 37	17 35	26 0	16 53	5 27
S 10	14 31	26 44	4 5	8 39	0 12	21 19	0 12	12 4	2 5	7 38	0 59	22 17	0 50	23 19	0 8	9 38	1 41	21 45	7 50	17 36	17 34	26 1	16 54	5 27
S 11	14 11	24 59	4 41	7 56	0n 1	21 9	0 9	12 10	2 5	7 32	0 59	22 17	0 50	23 19	0 8	9 38	1 41	21 45	7 50	17 33	17 33	26 2	16 54	5 27
M12	13 52	21 35	4 58	7 15	0 15	20 59	0 6	12 17	2 5	7 27	0 59	22 16	0 50	23 19	0 8	9 38	1 41	21 44	7 50	17 30	17 32	26 4	16 54	5 26
T 13	13 32	16 53	4 57	6 35	0 30	20 48	0 3	12 23	2 5	7 22	0 59	22 16	0 50	23 19	0 8	9 38	1 41	21 44	7 50	17 27	17 31	26 5	16 54	5 26
W14	13 12	11 20	4 36	5 56	0 45	20 37	0 1	12 29	2 5	7 16	0 59	22 16	0 50	23 19	0 8	9 37	1 41	21 43	7 50	17 23	17 31	26 6	16 55	5 26
T 15	12 51	5 22	4 0	5 20	1 0	20 24	0s 2	12 35	2 6	7 11	0 59	22 15	0 50	23 19	0 8	9 37	1 41	21 43	7 50	17 20	17 30	26 7	16 55	5 26
F 16	12 31	0s40	3 12	4 47	1 16	20 12	0 5	12 40	2 6	7 5	0 59	22 15	0 50	23 19	0 8	9 37	1 41	21 42	7 50	17 18	17 29	26 8	16 55	5 25
S 17	12 10	6 29	2 15	4 17	1 32	19 59	0 8	12 46	2 6	7 0	0 59	22 15	0 50	23 19	0 8	9 37	1 42	21 42	7 50	17 17	17 28	26 9	16 55	5 25
S 18	11 49	11 54	1 12	3 50	1 48	19 45	0 11	12 51	2 6	6 54	0 59	22 14	0 50	23 19	0 8	9 36	1 42	21 41	7 50	17 16	17 27	26 10	16 56	5 25
M19	11 28	16 43	0 8	3 28	2 4	19 30	0 13	12 57	2 7	6 49	0 59	22 14	0 50	23 19	0 8	9 36	1 42	21 41	7 50	17 16	17 26	26 11	16 56	5 24
T 20	11 6	20 46	0s55	3 10	2 20	19 15	0 16	13 2	2 7	6 43	0 59	22 13	0 50	23 19	0 8	9 36	1 42	21 40	7 50	17 16	17 25	26 12	16 56	5 24
W21	10 45	23 55	1 56	2 56	2 35	19 0	0 19	13 7	2 7	6 38	0 59	22 13	0 50	23 19	0 8	9 36	1 42	21 40	7 50	17 16	17 25	26 13	16 57	5 24
T 22	10 23	26 2	2 50	2 47	2 49	18 43	0 21	13 12	2 7	6 32	0 59	22 13	0 50	23 19	0 8	9 35	1 42	21 39	7 50	17 16	17 24	26 14	16 57	5 23
F 23	10 1	26 58	3 38	2 43	3 2	18 27	0 24	13 17	2 7	6 27	0 59	22 12	0 50	23 19	0 8	9 35	1 42	21 39	7 51	17 14	17 23	26 15	16 57	5 23
S 24	9 39	26 40	4 17	2 44	3 13	18 9	0 27	13 21	2 7	6 21	0 59	22 12	0 50	23 19	0 8	9 35	1 42	21 38	7 51	17 13	17 22	26 16	16 58	5 23
S 25	9 17	25 6	4 44	2 50	3 23	17 52	0 29	13 26	2 7	6 16	0 59	22 12	0 50	23 19	0 8	9 34	1 42	21 38	7 51	17 10	17 21	26 17	16 58	5 22
M26	8 55	22 19	4 59	3 1	3 31	17 33	0 32	13 30	2 8	6 10	0 59	22 11	0 50	23 19	0 8	9 34	1 42	21 37	7 51	17 7	17 20	26 18	16 58	5 22
T 27	8 32	18 26	5 0	3 16	3 37	17 15	0 34	13 34	2 8	6 4	0 59	22 11	0 50	23 19	0 8	9 34	1 42	21 37	7 51	17 3	17 19	26 19	16 59	5 22
W28	8s10	13s39	4s46	3s35	3n41	16s55	0s37	13s38	2n 8	5s59	0s59	22s11	0n50	23n19	0n 8	9s33	1n42	21s36	7s51	17n 0	17n18	26s20	16n59	5s22

ASTRODIENST EPHEMERIS for the year 2283

geocentric

MARCH 2283

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 18	10°40'6"	19°16'16"	11°R 7	16°38'9"	13°11'2	17°17'22	10°30'20	22°D18	29°R 7	21°35'55	17°R11	18°32'27	24°37'47	12°II50	T 1
F 2	10 38 15	11° 4'28"	2°Y34	10°H 3	17°23	13°15	17°36	10°25	22°II18	29°36	21°57	17°R 2	18°24	24°54	12°51	F 2
S 3	10 42 11	12° 4'49"	16° 3	8°57	18°37	13°27	17°51	10°29	22°18	29° 5	21°59	16°55	18°20	25° 1	12°51	S 3
S 4	10 46 8	13° 5'09"	29°42	7°54	19°52	13°38	18° 5	10°34	22°18	29° 4	22° 0	16°51	18°17	25° 7	12°52	S 4
M 5	10 50 4	14° 5'26"	13°32	6°52	21° 6	13°49	18°20	10°38	22°18	29° 3	22° 2	16°D50	18°14	25°14	12°53	M 5
T 6	10 54 1	15° 5'41"	27°23	5°55	22°21	13°59	18°34	10°42	22°18	29° 2	22° 4	16°50	18°11	25°21	12°55	T 6
W 7	10 57 57	16° 5'55"	11°II23	5° 2	23°35	14° 9	18°49	10°47	22°19	29° 0	22° 6	16°R51	18° 8	25°27	12°56	W 7
T 8	11 1 54	17° 6'06"	25°30	4°15	24°49	14°18	19° 3	10°51	22°19	28°59	22° 7	16°51	18° 5	25°34	12°57	T 8
F 9	11 5 51	18° 6'15"	9°342	3°35	26° 4	14°27	19°18	10°55	22°20	28°58	22° 9	16°49	18° 1	25°41	12°58	F 9
S 10	11 9 47	19° 6'22"	23°57	3° 1	27°18	14°35	19°32	10°59	22°20	28°57	22°11	16°44	17°58	25°47	13° 0	S 10
S 11	11 13 44	20° 6'27"	8°Ω12	2°33	28°33	14°42	19°47	11° 3	22°20	28°56	22°12	16°38	17°55	25°54	13° 1	S 11
M12	11 17 40	21° 6'30"	22°23	2°13	29°47	14°49	20° 1	11° 6	22°21	28°55	22°14	16°29	17°52	26° 1	13° 3	M12
T 13	11 21 37	22° 6'31"	6°II26	2° 0	1°H 1	14°55	20°16	11°10	22°22	28°53	22°15	16°20	17°49	26° 7	13° 4	T 13
W14	11 25 33	23° 6'30"	20°14	1°53	2°16	15° 0	20°30	11°14	22°22	28°52	22°17	16°11	17°46	26°14	13° 6	W14
T 15	11 29 30	24° 6'26"	3°Ω46	1°D52	3°30	15° 5	20°45	11°17	22°23	28°51	22°19	16° 3	17°42	26°21	13° 8	T 15
F 16	11 33 26	25° 6'21"	16°57	1°58	4°44	15° 9	20°59	11°21	22°24	28°50	22°20	15°57	17°39	26°27	13°10	F 16
S 17	11 37 23	26° 6'15"	29°48	2° 9	5°59	15°13	21°14	11°24	22°25	28°48	22°22	15°53	17°36	26°34	13°12	S 17
S 18	11 41 20	27° 6'06"	12°II20	2°26	7°13	15°15	21°28	11°28	22°26	28°47	22°23	15°D52	17°33	26°41	13°13	S 18
M19	11 45 16	28° 5'56"	24°34	2°49	8°28	15°17	21°43	11°31	22°26	28°46	22°25	15°52	17°30	26°47	13°15	M19
T 20	11 49 13	29° 5'41"	6°336	3°16	9°42	15°19	21°57	11°34	22°27	28°44	22°26	15°53	17°26	26°54	13°18	T 20
W21	11 53 9	0°Y 5'34	18°29	3°48	10°56	15°R19	22°12	11°37	22°28	28°43	22°28	15°55	17°23	27° 1	13°20	W21
T 22	11 57 6	1° 5'15"	0°319	4°24	12°11	15°19	22°26	11°40	22°30	28°42	22°29	15°R56	17°20	27° 7	13°22	T 22
F 23	12 1 2	2° 4'59"	12°11	5° 4	13°25	15°18	22°40	11°43	22°31	28°40	22°31	15°55	17°17	27°14	13°24	F 23
S 24	12 4 59	3° 4'40"	24°10	5°48	14°39	15°17	22°55	11°46	22°32	28°39	22°32	15°53	17°14	27°21	13°27	S 24
S 25	12 8 55	4° 4'19"	6°320	6°36	15°54	15°14	23° 9	11°49	22°33	28°37	22°34	15°48	17°11	27°27	13°29	S 25
M26	12 12 52	5° 3'57"	18°46	7°27	17° 8	15°11	23°24	11°51	22°34	28°36	22°35	15°43	17° 7	27°34	13°32	M26
T 27	12 16 49	6° 3'33"	1°H29	8°21	18°22	15° 7	23°38	11°54	22°36	28°34	22°36	15°36	17° 4	27°41	13°34	T 27
W28	12 20 45	7° 3'07"	14°32	9°18	19°37	15° 3	23°52	11°56	22°37	28°33	22°38	15°29	17° 1	27°47	13°37	W28
T 29	12 24 42	8° 2'39"	27°54	10°18	20°51	14°57	24° 7	11°59	22°39	28°31	22°39	15°23	16°58	27°54	13°39	T 29
F 30	12 28 38	9° 2'10"	11°Y34	11°21	22° 5	14°51	24°21	12° 1	22°40	28°30	22°41	15°18	16°55	28° 1	13°42	F 30
S 31	12 32 35	10°Y 1'38	25°Y29	12°H26	23°H20	14°II44	24°H35	12°3 3	22°II42	28°328	22°42	15°314	16°351	28°37 7	13°II45	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s47	8s10	4s16	3s57	3n42	16s36	0s39	13s42	2n 8	5s53	0s59	22s10	0n50	23n19	0n 8	9s33
F 2	7 24	2 14	3 32	4 22	3 42	16 16	0 41	13 45	2 8	5 48	0 59	22 10	0 50	23 19	0 8	9 33
S 3	7 1	3n54	2 36	4 49	3 39	15 55	0 44	13 49	2 8	5 42	0 59	22 9	0 50	23 19	0 8	9 32
S 4	6 38	9 57	1 30	5 17	3 34	15 34	0 46	13 52	2 8	5 36	0 59	22 9	0 50	23 19	0 8	9 32
M 5	6 15	15 35	0 18	5 46	3 27	15 12	0 48	13 56	2 8	5 31	0 59	22 9	0 50	23 19	0 8	9 31
T 6	5 52	20 27	0n56	6 15	3 18	14 50	0 50	13 59	2 8	5 25	0 59	22 8	0 50	23 19	0 8	9 31
W 7	5 29	24 13	2 7	6 44	3 8	14 28	0 52	14 2	2 8	5 19	0 59	22 8	0 50	23 19	0 8	9 31
T 8	5 5	26 31	3 11	7 11	2 57	14 5	0 55	14 4	2 8	5 14	0 59	22 8	0 50	23 19	0 8	9 30
F 9	4 42	27 6	4 4	7 38	2 44	13 42	0 57	14 7	2 8	5 8	0 59	22 7	0 50	23 19	0 8	9 30
S 10	4 18	25 54	4 41	8 2	2 31	13 18	0 59	14 9	2 8	5 2	0 59	22 7	0 50	23 19	0 8	9 29
S 11	3 55	23 2	5 2	8 24	2 18	12 55	1 0	14 11	2 8	4 57	0 59	22 7	0 50	23 19	0 8	9 29
M12	3 31	18 48	5 3	8 45	2 3	12 30	1 2	14 14	2 7	4 51	0 59	22 6	0 50	23 19	0 8	9 28
T 13	3 8	13 35	4 47	9 3	1 49	12 6	1 4	14 16	2 7	4 45	0 59	22 6	0 50	23 19	0 8	9 28
W14	2 44	7 45	4 13	9 19	1 35	11 41	1 6	14 17	2 7	4 40	0 59	22 6	0 50	23 19	0 8	9 27
T 15	2 20	1 40	3 26	9 32	1 21	11 16	1 8	14 19	2 7	4 34	0 59	22 6	0 50	23 19	0 8	9 27
F 16	1 57	4s21	2 29	9 44	1 6	10 50	1 9	14 20	2 7	4 28	0 59	22 5	0 50	23 19	0 8	9 26
S 17	1 33	10 3	1 25	9 52	0 53	10 24	1 11	14 22	2 6	4 23	0 59	22 5	0 50	23 19	0 8	9 26
S 18	1 9	15 13	0 19	9 59	0 39	9 58	1 12	14 23	2 6	4 17	0 59	22 5	0 50	23 19	0 8	9 25
M19	0 45	19 39	0s47	10 3	0 26	9 32	1 14	14 24	2 6	4 11	0 59	22 4	0 50	23 19	0 8	9 25
T 20	0 22	23 11	1 50	10 6	0 13	9 5	1 15	14 24	2 5	4 6	0 59	22 4	0 50	23 19	0 8	9 24
W21	0n 2	25 41	2 47	10 6	0 0	8 38	1 17	14 25	2 5	4 0	0 59	22 4	0 50	23 20	0 8	9 24
T 22	0 26	27 1	3 37	10 4	0s12	8 11	1 18	14 25	2 5	3 55	1 0	22 4	0 50	23 20	0 8	9 23
F 23	0 50	27 8	4 18	10 0	0 23	7 44	1 19	14 25	2 4	3 49	1 0	22 3	0 50	23 20	0 8	9 23
S 24	1 13	25 58	4 48	9 54	0 34	7 16	1 20	14 25	2 4	3 43	1 0	22 3	0 50	23 20	0 8	9 22
S 25	1 37	23 35	5 5	9 46	0 45	6 48	1 21	14 25	2 3	3 38	1 0	22 3	0 50	23 20	0 8	9 22
M26	2 1	20 4	5 9	9 37	0 55	6 20	1 22	14 25	2 2	3 32	1 0	22 3	0 50	23 20	0 8	9 21
T 27	2 24	15 34	4 58	9 26	1 5	5 52	1 23	14 24	2 2	3 26	1 0	22 2	0 50	23 20	0 8	9 21
W28	2 48	10 15	4 31	9 13	1 14	5 24	1 24	14 24	2 1	3 21	1 0	22 2	0 50	23 20	0 8	9 20
T 29	3 11	4 20	3 49	8 58	1 22	4 55	1 25	14 23	2 0	3 15	1 0	22 2	0 50	23 20	0 8	9 20
F 30	3 35	1n55	2 53	8 42	1 30	4 27	1 26	14 22	2 0	3 10	1 0	22 2	0 50	23 20	0 8	9 19
S 31	3n58	8n12	1s46	8s24	1s38	3s58	1s26	14s20	1n59	3s 4	1s 0	22s 1	0n50	23n20	0n 8	9s18

Julian Day Number = 2554967.5, Delta T = 268.89 sec

Ecliptic obliquity = 23°24'15", Nutation = - 0°00'12", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°41'53", Lahiri = 27°48'54"

ASTRODIENST EPHEMERIS for the year 2283

geocentric

APRIL 2283

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 31	11°04'	9°34'	13°33'	24°34'	14°R36	24°H49	12°35'	22°II43	28°R27	22°43'	15°D13	16°B48	28°A14	13°II48	S 1
M 2	12 40 28	12° 0'28	23°46'	14°43'	25°48'	14°M28	25° 4	12° 7	22°45'	28°A25	22°45'	15°B13	16°45'	28°21'	13°51'	M 2
T 3	12 44 24	12°59'49	8°II 2	15°55'	27° 3	14°18	25°18	12° 9	22°46'	28°24	22°46'	15°14	16°42'	28°28'	13°54'	T 3
W 4	12 48 21	13°59'09	22°18	17° 8	28°17	14° 8	25°32	12°11	22°48'	28°22	22°47'	15°16	16°39'	28°34'	13°57'	W 4
T 5	12 52 18	14°58'26	6°32	18°24	29°31	13°57	25°46	12°12	22°50'	28°20	22°48'	15°17	16°36'	28°41'	14° 0	T 5
F 6	12 56 14	15°57'41	20°41	19°42	0°Y45	13°46	26° 0	12°14	22°52'	28°19	22°49'	15°R17	16°32'	28°48'	14° 3	F 6
S 7	13 0 11	16°56'54	4°44	21° 2	2° 0	13°34	26°14	12°15	22°54'	28°17	22°51'	15°16	16°29'	28°54'	14° 6	S 7
S 8	13 4 7	17°56'04	18°39	22°23	3°14	13°21	26°28	12°17	22°55'	28°16	22°52'	15°13	16°26'	29° 1	14°10	S 8
M 9	13 8 4	18°55'11	2°M24	23°47	4°28	13° 7	26°42	12°18	22°57'	28°14	22°53'	15°10	16°23'	29° 8	14°13	M 9
T 10	13 12 0	19°54'17	15°58	25°12	5°42	12°52	26°56	12°19	22°59'	28°12	22°54'	15° 6	16°20'	29°14	14°16	T 10
W11	13 15 57	20°53'20	29°20	26°38	6°57	12°37	27°10	12°20	23° 1	28°11	22°55'	15° 2	16°17'	29°21	14°20	W11
T 12	13 19 53	21°52'21	12°A27	28° 7	8°11	12°21	27°24	12°21	23° 3	28° 9	22°56'	14°59	16°13	29°28	14°23	T 12
F 13	13 23 50	22°51'20	25°19	29°36	9°25	12° 5	27°38	12°22	23° 6	28° 8	22°57'	14°57	16°10	29°34	14°27	F 13
S 14	13 27 47	23°50'17	7°M56	1°Y 8	10°39	11°48	27°51	12°23	23° 8	28° 6	22°58'	14°56	16° 7	29°41	14°30	S 14
S 15	13 31 43	24°49'12	20°19	2°41	11°53	11°30	28° 5	12°24	23°10	28° 4	22°59'	14°D56	16° 4	29°48	14°34	S 15
M16	13 35 40	25°48'06	2°A29	4°16	13° 7	11°12	28°19	12°24	23°12	28° 3	23° 0	14°56	16° 1	29°54	14°38	M16
T 17	13 39 36	26°46'57	14°29	5°52	14°22	10°53	28°32	12°25	23°14	28° 1	23° 1	14°58	15°57	0°3 1	14°41	T 17
W18	13 43 33	27°45'47	26°23	7°30	15°36	10°34	28°46	12°25	23°17	27°59	23° 2	14°59	15°54	0° 8	14°45	W18
T 19	13 47 29	28°44'35	8°313	9° 9	16°50	10°14	29° 0	12°25	23°19	27°58	23° 3	15° 1	15°51	0°14	14°49	T 19
F 20	13 51 26	29°43'21	20° 6	10°50	18° 4	9°54	29°13	12°26	23°22	27°56	23° 4	15° 2	15°48	0°21	14°53	F 20
S 21	13 55 22	0°B42'06	2°4 4	12°33	19°18	9°33	29°27	12°26	23°24	27°54	23° 5	15°R 2	15°45	0°28	14°57	S 21
S 22	13 59 19	1°40'49	14°14	14°17	20°32	9°12	29°40	12°R26	23°26	27°53	23° 6	15° 1	15°42	0°34	15° 1	S 22
M23	14 3 16	2°39'30	26°39	16° 3	21°46	8°51	29°53	12°26	23°29	27°51	23° 7	15° 0	15°38	0°41	15° 5	M23
T 24	14 7 12	3°38'09	9°A24	17°50	23° 0	8°29	0°Y 7	12°25	23°32	27°49	23° 8	14°59	15°35	0°48	15° 9	T 24
W25	14 11 9	4°36'47	22°31	19°39	24°14	8° 7	0°20	12°25	23°34	27°48	23° 8	14°58	15°32	0°55	15°13	W25
T 26	14 15 5	5°35'23	6°Y 1	21°30	25°29	7°45	0°33	12°25	23°37	27°46	23° 9	14°57	15°29	1° 1	15°17	T 26
F 27	14 19 2	6°33'57	19°54	23°22	26°43	7°22	0°46	12°24	23°39	27°45	23°10	14°56	15°26	1° 8	15°21	F 27
S 28	14 22 58	7°32'29	4°B 7	25°16	27°57	7° 0	0°59	12°24	23°42	27°43	23°11	14°55	15°23	1°15	15°25	S 28
S 29	14 26 55	8°31'00	18°36	27°12	29°11	6°37	1°12	12°23	23°45	27°41	23°11	14°D55	15°19	1°21	15°30	S 29
M30	14 30 51	9°B29'29	3°II16	29°Y 9	0°B25	6°M15	1°Y25	12°32	23°II48	27°A40	23°12	14°B55	15°B16	1°38	15°II34	M30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	4n21	14n10	0s31	8s 5	1s45	3s29	1s27	14s19	1n58	2s59	1s 0	22s 1	0n50	23n20	0n 8	S 1
M 2	4 44	19 27	0n47	7 44	1 52	3 0	1 27	14 17	1 57	2 53	1 0	22 1	0 50	23 20	0 8	M 2
T 3	5 8	23 37	2 2	7 22	1 58	2 31	1 28	14 15	1 56	2 47	1 0	22 1	0 50	23 21	0 8	T 3
W 4	5 31	26 20	3 9	6 58	2 3	2 2	1 28	14 13	1 55	2 42	1 0	22 1	0 50	23 21	0 8	W 4
T 5	5 53	27 19	4 5	6 33	2 8	1 33	1 29	14 11	1 54	2 36	1 1	22 1	0 50	23 21	0 8	T 5
F 6	6 16	26 31	4 45	6 7	2 13	1 4	1 29	14 9	1 53	2 31	1 1	22 0	0 50	23 21	0 8	F 6
S 7	6 39	24 2	5 8	5 39	2 17	0 34	1 29	14 6	1 52	2 25	1 1	22 0	0 50	23 21	0 8	S 7
S 8	7 2	20 10	5 13	5 10	2 21	0 5	1 29	14 4	1 51	2 20	1 1	22 0	0 50	23 21	0 8	S 8
M 9	7 24	15 15	4 59	4 40	2 24	0n24	1 29	14 1	1 49	2 14	1 1	22 0	0 50	23 21	0 8	M 9
T 10	7 46	9 40	4 29	4 9	2 26	0 54	1 29	13 58	1 48	2 9	1 1	22 0	0 50	23 21	0 8	T 10
W11	8 9	3 42	3 45	3 36	2 29	1 23	1 29	13 54	1 47	2 4	1 1	22 0	0 50	23 21	0 8	W11
T 12	8 31	2s19	2 49	3 3	2 30	1 52	1 29	13 51	1 45	1 58	1 1	22 0	0 50	23 21	0 8	T 12
F 13	8 53	8 8	1 46	2 28	2 31	2 22	1 29	13 48	1 44	1 53	1 1	22 0	0 50	23 22	0 8	F 13
S 14	9 14	13 32	0 38	1 52	2 32	2 51	1 29	13 44	1 42	1 47	1 1	21 59	0 50	23 22	0 8	S 14
S 15	9 36	18 17	0s30	1 16	2 32	3 20	1 29	13 40	1 41	1 42	1 2	21 59	0 50	23 22	0 8	S 15
M16	9 57	22 11	1 35	0 38	2 32	3 49	1 28	13 36	1 39	1 37	1 2	21 59	0 50	23 22	0 8	M16
T 17	10 19	25 5	2 36	0n 1	2 31	4 18	1 28	13 32	1 37	1 31	1 2	21 59	0 50	23 22	0 8	T 17
W18	10 40	26 51	3 29	0 41	2 29	4 47	1 27	13 28	1 35	1 26	1 2	21 59	0 50	23 22	0 8	W18
T 19	11 1	27 22	4 14	1 22	2 27	5 16	1 27	13 23	1 34	1 21	1 2	21 59	0 50	23 22	0 8	T 19
F 20	11 21	26 38	4 47	2 4	2 25	5 45	1 26	13 19	1 32	1 16	1 2	21 59	0 50	23 22	0 8	F 20
S 21	11 42	24 40	5 8	2 46	2 22	6 14	1 25	13 14	1 30	1 10	1 2	21 59	0 50	23 23	0 8	S 21
S 22	12 2	21 35	5 16	3 30	2 18	6 42	1 25	13 9	1 28	1 5	1 2	21 59	0 50	23 23	0 8	S 22
M23	12 23	17 28	5 10	4 14	2 15	7 11	1 24	13 4	1 26	1 0	1 2	21 59	0 51	23 23	0 8	M23
T 24	12 43	12 29	4 48	4 59	2 10	7 39	1 23	12 59	1 24	0 55	1 3	21 59	0 51	23 23	0 8	T 24
W25	13 2	6 49	4 11	5 45	2 5	8 7	1 22	12 54	1 21	0 50	1 3	21 59	0 51	23 23	0 8	W25
T 26	13 22	0 40	3 19	6 31	2 0	8 35	1 21	12 49	1 19	0 45	1 3	21 59	0 51	23 23	0 8	T 26
F 27	13 41	5n42	2 14	7 18	1 54	9 3	1 20	12 44	1 17	0 39	1 3	21 59	0 51	23 23	0 8	F 27
S 28	14 0	11 56	1 0	8 6	1 47	9 30	1 19	12 39	1 15	0 34	1 3	21 59	0 51	23 23	0 8	S 28
S 29	14 19	17 40	0n20	8 54	1 40	9 57	1 18	12 34	1 12	0 29	1 3	21 59	0 51	23 24	0 8	S 29
M30	14n38	22n25	1n40	9n42	1s33	10n24	1s16	12s29	1n10	0s24	1s 3	21s59	0n51	23n24	0n 8	M30

Julian Day Number = 2554998.5, Delta T = 269.02 sec
 Ecliptic obliquity = 23°24'16, Nutation = - 0°00'13, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°41'58, Lahiri = 27°48'58

ASTRODIENST EPHEMERIS for the year 2283
geocentric

MAY 2283

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	14 34 48	10♈27°55	17♊59	1♊8 8	1♋39	5°R52	1♌38	12°R21	23♊50	27°R38	23♋12	14♈56	15♊13	1♈35	15♊38	T 1
W 2	14 38 45	11°26'20	2♊38	3° 8	2°53	5♌29	1°51	12♈20	23°53	27♊37	23°13	14°56	15°10	1°41	15°43	W 2
T 3	14 42 41	12°24'43	17°10	5°10	4° 7	5° 7	2° 3	12°19	23°56	27°35	23°14	14°56	15° 7	1°48	15°47	T 3
F 4	14 46 38	13°23'04	1♊28	7°13	5°21	4°45	2°16	12°18	23°59	27°33	23°14	14°56	15° 3	1°55	15°51	F 4
S 5	14 50 34	14°21'22	15°31	9°18	6°35	4°22	2°29	12°17	24° 2	27°32	23°15	14°56	15° 0	2° 1	15°56	S 5
S 6	14 54 31	15°19'38	29°18	11°24	7°49	4° 1	2°41	12°16	24° 5	27°30	23°15	14°56	14°57	2° 8	16° 0	S 6
M 7	14 58 27	16°17'52	12♊48	13°31	9° 3	3°39	2°54	12°14	24° 8	27°29	23°16	14°56	14°54	2°15	16° 5	M 7
T 8	15 2 24	17°16'05	26° 1	15°39	10°17	3°18	3° 6	12°13	24°11	27°27	23°16	14°57	14°51	2°21	16° 9	T 8
W 9	15 6 20	18°14'15	9♊0	17°48	11°31	2°57	3°18	12°11	24°14	27°26	23°17	14°57	14°48	2°28	16°14	W 9
T 10	15 10 17	19°12'23	21°44	19°57	12°45	2°36	3°30	12° 9	24°17	27°24	23°17	14°57	14°44	2°35	16°19	T 10
F 11	15 14 14	20°10'30	4♌16	22° 7	13°59	2°16	3°43	12° 8	24°20	27°23	23°17	14°58	14°41	2°42	16°23	F 11
S 12	15 18 10	21° 8'34	16°36	24°18	15°12	1°57	3°55	12° 6	24°23	27°21	23°18	14°R58	14°38	2°48	16°28	S 12
S 13	15 22 7	22° 6'38	28°47	26°28	16°26	1°37	4° 7	12° 4	24°26	27°20	23°18	14°57	14°35	2°55	16°33	S 13
M14	15 26 3	23° 4'39	10♊49	28°38	17°40	1°19	4°19	12° 2	24°29	27°18	23°18	14°57	14°32	3° 2	16°37	M14
T 15	15 30 0	24° 2'39	22°45	0♊47	18°54	1° 1	4°30	11°59	24°32	27°17	23°19	14°56	14°29	3° 8	16°42	T 15
W16	15 33 56	25° 0'38	4♈37	2°55	20° 8	0°43	4°42	11°57	24°35	27°15	23°19	14°54	14°25	3°15	16°47	W16
T 17	15 37 53	25°58'35	16°28	5° 2	21°22	0°27	4°54	11°55	24°39	27°14	23°19	14°53	14°22	3°22	16°52	T 17
F 18	15 41 49	26°56'31	28°21	7° 7	22°36	0°10	5° 5	11°53	24°42	27°13	23°19	14°51	14°19	3°28	16°56	F 18
S 19	15 45 46	27°54'26	10♋19	9°11	23°50	29♊55	5°17	11°50	24°45	27°11	23°19	14°50	14°16	3°35	17° 1	S 19
S 20	15 49 43	28°52'19	22°28	11°12	25° 3	29°40	5°28	11°48	24°48	27°10	23°20	14°50	14°13	3°42	17° 6	S 20
M21	15 53 39	29°50'11	4♊50	13°12	26°17	29°26	5°39	11°45	24°52	27° 9	23°20	14°D50	14° 9	3°48	17°11	M21
T 22	15 57 36	0♊48'02	17°32	15° 9	27°31	29°13	5°51	11°42	24°55	27° 7	23°20	14°50	14° 6	3°55	17°16	T 22
W23	16 1 32	1°45'51	0♌35	17° 3	28°45	29° 0	6° 2	11°39	24°58	27° 6	23°20	14°51	14° 3	4° 2	17°21	W23
T 24	16 5 29	2°43'40	14° 4	18°55	29°59	28°48	6°13	11°36	25° 2	27° 5	23°20	14°53	14° 0	4° 8	17°26	T 24
F 25	16 9 25	3°41'27	27°58	20°44	1♊13	28°37	6°24	11°34	25° 5	27° 3	23°R20	14°54	13°57	4°15	17°31	F 25
S 26	16 13 22	4°39'13	12♈18	22°30	2°26	28°27	6°34	11°31	25° 9	27° 2	23°20	14°R54	13°54	4°22	17°36	S 26
S 27	16 17 18	5°36'58	27° 0	24°13	3°40	28°17	6°45	11°27	25°12	27° 1	23°20	14°54	13°50	4°29	17°41	S 27
M28	16 21 15	6°34'42	11♊58	25°53	4°54	28° 9	6°56	11°24	25°15	27° 0	23°20	14°53	13°47	4°35	17°45	M28
T 29	16 25 12	7°32'25	27° 3	27°30	6° 8	28° 1	7° 6	11°21	25°19	26°59	23°20	14°50	13°44	4°42	17°50	T 29
W30	16 29 8	8°30'06	12♊6	29° 3	7°22	27°54	7°16	11°18	25°22	26°58	23°19	14°47	13°41	4°49	17°56	W30
T 31	16 33 5	9♊27'46	26♊58	0♊34	8♊36	27♊47	7°Y27	11♈14	25♊26	26♊56	23♋19	14♈44	13♊38	4♈55	18♊1	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14n56	25n44	2n53	10n31	1s25	10n51	1s15	12s24	1n 8	0s19	1s 3	22s 0	0n51	23n24	0n 8	9s 0	1n43	21s22	8s 4	16n17	16n23	27s 7	17n33	5s 6											
W 2	15 14	27 18	3 55	11 20	1 17	11 18	1 14	12 18	1 5	0 14	1 4	22 0	0 51	23 24	0 8	9 0	1 43	21 22	8 5	16 18	16 22	27 8	17 34	5 6											
T 3	15 32	26 57	4 41	12 9	1 8	11 44	1 12	12 13	1 3	0 10	1 4	22 0	0 51	23 24	0 8	8 59	1 43	21 22	8 5	16 18	16 21	27 8	17 34	5 6											
F 4	15 50	24 49	5 9	12 58	0 59	12 10	1 11	12 8	1 0	0 5	1 4	22 0	0 51	23 24	0 8	8 59	1 43	21 22	8 5	16 18	16 20	27 9	17 35	5 6											
S 5	16 7	21 12	5 17	13 47	0 50	12 36	1 9	12 3	0 58	0n 0	1 4	22 0	0 51	23 24	0 8	8 58	1 43	21 23	8 5	16 18	16 19	27 9	17 36	5 6											
S 6	16 24	16 30	5 7	14 36	0 40	13 1	1 8	11 58	0 55	0 5	1 4	22 0	0 51	23 25	0 8	8 58	1 43	21 23	8 6	16 18	16 18	27 10	17 36	5 6											
M 7	16 41	11 4	4 41	15 24	0 30	13 27	1 6	11 53	0 53	0 10	1 4	22 0	0 51	23 25	0 8	8 57	1 43	21 23	8 6	16 18	16 17	27 10	17 37	5 6											
T 8	16 58	5 14	3 59	16 11	0 20	13 51	1 5	11 49	0 50	0 15	1 5	22 0	0 51	23 25	0 8	8 57	1 43	21 23	8 6	16 18	16 16	27 11	17 37	5 6											
W 9	17 14	0s42	3 7	16 58	0 9	14 16	1 3	11 44	0 47	0 19	1 5	22 1	0 51	23 25	0 8	8 56	1 43	21 23	8 7	16 18	16 15	27 11	17 38	5 5											
T 10	17 30	6 31	2 5	17 43	0n 1	14 40	1 1	11 39	0 45	0 24	1 5	22 1	0 50	23 25	0 8	8 56	1 43	21 23	8 7	16 18	16 14	27 12	17 38	5 5											
F 11	17 46	12 0	0 59	18 28	0 12	15 4	1 0	11 35	0 42	0 29	1 5	22 1	0 50	23 25	0 8	8 55	1 43	21 23	8 7	16 18	16 13	27 12	17 39	5 5											
S 12	18 1	16 55	0s 9	19 11	0 22	15 27	0 58	11 31	0 40	0 33	1 5	22 1	0 50	23 25	0 8	8 54	1 43	21 23	8 7	16 18	16 12	27 13	17 39	5 5											
S 13	18 16	21 6	1 16	19 52	0 33	15 50	0 56	11 27	0 37	0 38	1 5	22 1	0 50	23 25	0 8	8 54	1 43	21 24	8 8	16 18	16 11	27 13	17 40	5 5											
M14	18 31	24 19	2 18	20 31	0 43	16 13	0 54	11 23	0 34	0 42	1 5	22 1	0 50	23 26	0 8	8 53	1 43	21 24	8 8	16 18	16 10	27 14	17 40	5 5											
T 15	18 45	26 26	3 14	21 9	0 53	16 35	0 52	11 19	0 32	0 47	1 6	22 2	0 50	23 26	0 8	8 53	1 43	21 24	8 8	16 18	16 9	27 14	17 41	5 5											
W16	18 59	27 21	4 2	21 44	1 3	16 57	0 50	11 15	0 29	0 51	1 6	22 2	0 50	23 26	0 8	8 53	1 43	21 24	8 9	16 17	16 9	27 14	17 41	5 5											
T 17	19 13	27 0	4 38	22 17	1 12	17 18	0 48	11 12	0 26	0 56	1 6	22 2	0 50	23 26	0 8	8 52	1 43	21 24	8 9	16 17	16 8	27 15	17 42	5 5											
F 18	19 27	25 25	5 3	22 48	1 21	17 39	0 46	11 9	0 24	1 0	1 6	22 2	0 50	23 26	0 8	8 52	1 43	21 24	8 9	16 16	16 7	27 15	17 42	5 5											
S 19	19 40	22 41	5 15	23 16	1 29	17 59	0 44	11 6	0 21	1 5	1 6	22 2	0 50	23 26	0 8	8 51	1 43	21 25	8 9	16 16	16 6	27 16	17 43	5 5											
S 20	19 53	18 56	5 13	23 42	1 37	18 19	0 42	11 3	0 19	1 9	1 7	22 3	0 50	23 26	0 8	8 51	1 43	21 25	8 10	16 16	16 5	27 16	17 43	5 5											
M21	20 5	14 20	4 57	24 5	1 44	18 39	0 40	11 0	0 16	1 13	1 7	22 3	0 50	23 27	0 8	8 50	1 43	21 25	8 10	16 16	16 4	27 16	17 44	5 5											
T 22	20 17	9 0	4 26	24 25	1 51	18 58	0 38	10 58	0 14	1 18	1 7	22 3	0 50	23 27	0 8	8 50	1 43	21 25	8 10	16 16	16 3	27 17	17 44	5 5											
W23	20 29	3 9	3 41	24 43	1 57	19 16	0 36	10 56	0 11	1 22	1 7	22 4	0 50	23 27	0 8	8 49	1 43	21 26	8 10	16 16	16 2	27 17	17 45	5 5											
T 24	20 40	3n 3	2 42	24 58	2 2	19 34	0 33	10 54	0 9	1 26	1 7	22 4	0 50	23 27	0 8	8 49	1 43	21 26	8 11	16 17	16 1	27 18	17 45	5 5											
F 25	20 52	9 18	1 32	25 10	2 6	19 52	0 31	10 52	0 6	1 30	1 7	22 4	0 50	23 27	0 8	8 48	1 43	21 26	8 11	16 17	16 0	27 18	17 46	5 5											
S 26	21 2	15 17	0 14	25 21	2 9	20 9	0 29	10 51	0 4	1 34	1 8	22 4	0 50	23 27	0 8	8 48	1 43	21 26	8 11	16 17	15 59	27 18	17 46	5 5											
S 27	21 13	20 32	1n 6	25 29	2 12	20 25	0 27	10 50	0 1	1 38	1 8	22 5	0 50	23 27	0 8	8 48	1 43	21 27	8 12	16 17	15 58	27 19	17 47	5 5											
M28	21 23	24 34	2 24	25 34	2 14	20 41	0 24	10 49	0s 1	1 42	1 8	22 5	0 50	23 27	0 8	8 47	1 43	21 27	8 12	16 17	15 57	27 19	17 47	5 5											
T 29	21 32	26 54	3 32	25 38	2 15	20 56	0 22	10 48	0 3	1 46	1 8	22 5	0 50	23 28	0 8	8 47	1 43	21 27	8 12	16 16	15 56	27 19	17 47	5 5											
W30	21 41	27 15	4 25	25 39	2 15	21 11	0 20	10 48	0 6	1 50	1 8	22 6	0 50	23 28	0 8	8 46	1 43	21 28	8 12	16 15	15 55	27 19	17 48	5 5											
T 31	21n50	25n37	4n59	25n39	2n14	21n25	0s17	10s48	0s 8	1n54	1s 9	22s 6	0n50	23n28	0n 8	8s46	1n43	21s28	8s13	16n14	15n54	27s20	17n48	5s 5											

ASTRODIENST EPHEMERIS for the year 2283
geocentric

JUNE 2283

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 37 1	10 ^{II} 25'24	11 ^{II} 33	2 ^{II} 1	9 ^{II} 49	27°R42	7°Y37	11°R11	25 ^{II} 29	26°R55	23°R19	14°R41	13 ^{II} 35	5 ^{II} 2	18 ^{II} 6	F 1
S 2	16 40 58	11°23'01	25°46	3°25	11° 3	27 ^{II} 37	7°47	11 ^{II} 3 7	25°33	26 ^{II} 54	23 ^{II} 19	14 ^{II} 39	13°31	5° 9	18°11	S 2
S 3	16 44 54	12°20'36	9 ^{II} 35	4°46	12°17	27°34	7°57	11° 4	25°36	26°53	23°19	14°D38	13°28	5°15	18°16	S 3
M 4	16 48 51	13°18'10	22°59	6° 3	13°31	27°31	8° 7	11° 0	25°40	26°52	23°18	14°39	13°25	5°22	18°21	M 4
T 5	16 52 47	14°15'42	6 ^{II} 3	7°17	14°44	27°29	8°16	10°57	25°43	26°51	23°18	14°40	13°22	5°29	18°26	T 5
W 6	16 56 44	15°13'13	18°47	8°27	15°58	27°27	8°26	10°53	25°47	26°50	23°18	14°42	13°19	5°36	18°31	W 6
T 7	17 0 41	16°10'43	1 ^{II} 16	9°34	17°12	27°D27	8°35	10°49	25°50	26°49	23°18	14°43	13°15	5°42	18°36	T 7
F 8	17 4 37	17° 8'11	13°32	10°38	18°26	27°27	8°45	10°45	25°54	26°48	23°17	14°R44	13°12	5°49	18°41	F 8
S 9	17 8 34	18° 5'39	25°39	11°37	19°39	27°28	8°54	10°42	25°57	26°47	23°17	14°43	13° 9	5°56	18°46	S 9
S 10	17 12 30	19° 3'05	7 ^{II} 38	12°33	20°53	27°30	9° 3	10°38	26° 1	26°47	23°16	14°41	13° 6	6° 2	18°51	S 10
M11	17 16 27	20° 0'31	19°33	13°25	22° 7	27°32	9°12	10°34	26° 4	26°46	23°16	14°37	13° 3	6° 9	18°56	M11
T 12	17 20 23	20°57'55	1 ^{II} 25	14°13	23°21	27°36	9°21	10°30	26° 8	26°45	23°15	14°32	13° 0	6°16	19° 1	T 12
W13	17 24 20	21°55'19	13°16	14°58	24°34	27°40	9°29	10°26	26°11	26°44	23°15	14°25	12°56	6°22	19° 6	W13
T 14	17 28 16	22°52'42	25° 8	15°38	25°48	27°45	9°38	10°22	26°15	26°43	23°15	14°18	12°53	6°29	19°11	T 14
F 15	17 32 13	23°50'04	7 ^{II} 3	16°14	27° 2	27°50	9°46	10°17	26°19	26°43	23°14	14°12	12°50	6°36	19°16	F 15
S 16	17 36 10	24°47'26	19° 4	16°46	28°16	27°56	9°55	10°13	26°22	26°42	23°13	14° 6	12°47	6°42	19°21	S 16
S 17	17 40 6	25°44'47	1 ^{II} 14	17°13	29°29	28° 3	10° 3	10° 9	26°26	26°41	23°13	14° 1	12°44	6°49	19°26	S 17
M18	17 44 3	26°42'07	13°35	17°36	0 ^{II} 43	28°11	10°11	10° 5	26°29	26°41	23°12	13°59	12°41	6°56	19°32	M18
T 19	17 47 59	27°39'27	26°13	17°55	1°57	28°19	10°19	10° 1	26°33	26°40	23°12	13°D58	12°37	7° 3	19°37	T 19
W20	17 51 56	28°36'47	9°Y11	18° 9	3°10	28°28	10°27	9°56	26°36	26°39	23°11	13°58	12°34	7° 9	19°42	W20
T 21	17 55 52	29°34'06	22°33	18°19	4°24	28°38	10°34	9°52	26°40	26°39	23°10	13°59	12°31	7°16	19°47	T 21
F 22	17 59 49	0 ^{II} 31'25	6 ^{II} 21	18°24	5°38	28°48	10°42	9°48	26°43	26°38	23°10	14° 0	12°28	7°23	19°52	F 22
S 23	18 3 45	1°28'44	20°37	18°R24	6°52	28°59	10°49	9°43	26°47	26°38	23° 9	14°R 0	12°25	7°29	19°57	S 23
S 24	18 7 42	2°26'03	5 ^{II} 18	18°20	8° 5	29°11	10°56	9°39	26°51	26°37	23° 8	13°59	12°21	7°36	20° 2	S 24
M25	18 11 39	3°23'21	20°19	18°12	9°19	29°23	11° 3	9°35	26°54	26°37	23° 7	13°55	12°18	7°43	20° 7	M25
T 26	18 15 35	4°20'39	5 ^{II} 33	17°59	10°33	29°36	11°10	9°30	26°58	26°36	23° 7	13°49	12°15	7°49	20°12	T 26
W27	18 19 32	5°17'56	20°49	17°42	11°47	29°50	11°17	9°26	27° 1	26°36	23° 6	13°42	12°12	7°56	20°17	W27
T 28	18 23 28	6°15'13	5 ^{II} 57	17°22	13° 0	0 ^{II} 4	11°23	9°21	27° 5	26°36	23° 5	13°34	12° 9	8° 3	20°22	T 28
F 29	18 27 25	7°12'29	20°46	16°57	14°14	0°18	11°30	9°17	27° 8	26°35	23° 4	13°27	12° 6	8°10	20°27	F 29
S 30	18 31 21	8°0' 9'45	5 ^{II} 11	16°30	15°28	0 ^{II} 34	11°Y36	9°313	27°II12	26°35	23°33	13°321	12°3 2	8°316	20°II31	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
F 1	21n59	22n18	5n13	25n36	2n13	21n39	0s15	10s48	0s10	1n58	1s 9	22s 6	0n50	23n28	0n 8	8s46	1n43	21s28	8s13	16n13	15n53	27s20	17n49	5s 5	
S 2	22 7	17 44	5 8	25 32	2 11	21 51	0 13	10 48	0 12	2 1	1 9	22 6	0 50	23 28	0 8	8 45	1 43	21 29	8 13	16 13	15 52	27 20	17 49	5 5	
S 3	22 14	12 22	4 45	25 27	2 7	22 4	0 10	10 49	0 15	2 5	1 9	22 7	0 50	23 28	0 8	8 45	1 43	21 29	8 14	16 12	15 52	27 21	17 50	5 5	
M 4	22 22	6 33	4 6	25 19	2 4	22 15	0 8	10 50	0 17	2 9	1 9	22 7	0 50	23 28	0 8	8 45	1 43	21 29	8 14	16 13	15 51	27 21	17 50	5 5	
T 5	22 29	0 36	3 16	25 11	1 59	22 26	0 6	10 51	0 19	2 12	1 10	22 7	0 50	23 28	0 8	8 44	1 43	21 30	8 14	16 13	15 50	27 21	17 50	5 5	
W 6	22 35	5s14	2 17	25 1	1 53	22 37	0 3	10 53	0 21	2 16	1 10	22 8	0 50	23 29	0 8	8 44	1 43	21 30	8 14	16 13	15 49	27 21	17 51	5 5	
T 7	22 41	10 45	1 13	24 50	1 47	22 46	0 1	10 55	0 23	2 20	1 10	22 8	0 50	23 29	0 8	8 44	1 43	21 30	8 15	16 14	15 48	27 22	17 51	5 5	
F 8	22 47	15 46	0 7	24 38	1 39	22 56	0n 2	10 57	0 25	2 23	1 10	22 9	0 50	23 29	0 8	8 44	1 42	21 31	8 15	16 14	15 47	27 22	17 51	5 5	
S 9	22 52	20 6	0s59	24 25	1 31	23 4	0 4	10 59	0 27	2 26	1 11	22 9	0 50	23 29	0 8	8 43	1 42	21 31	8 15	16 14	15 46	27 22	17 52	5 5	
S 10	22 57	23 33	2 2	24 11	1 22	23 12	0 6	11 1	0 29	2 30	1 11	22 9	0 50	23 29	0 8	8 43	1 42	21 31	8 15	16 13	15 45	27 22	17 52	5 5	
M11	23 2	25 57	2 58	23 56	1 13	23 19	0 9	11 4	0 31	2 33	1 11	22 10	0 50	23 29	0 8	8 43	1 42	21 32	8 16	16 12	15 44	27 23	17 52	5 5	
T 12	23 6	27 11	3 47	23 41	1 2	23 25	0 11	11 7	0 33	2 36	1 11	22 10	0 50	23 29	0 8	8 42	1 42	21 32	8 16	16 10	15 43	27 23	17 53	5 5	
W13	23 9	27 9	4 25	23 25	0 51	23 31	0 13	11 10	0 35	2 40	1 11	22 10	0 50	23 29	0 8	8 42	1 42	21 33	8 16	16 9	15 42	27 23	17 53	5 5	
T 14	23 13	25 52	4 53	23 9	0 39	23 36	0 16	11 14	0 37	2 43	1 12	22 11	0 49	23 30	0 8	8 42	1 42	21 33	8 17	16 6	15 41	27 23	17 53	5 6	
F 15	23 16	23 26	5 7	22 52	0 27	23 40	0 18	11 17	0 38	2 46	1 12	22 11	0 49	23 30	0 8	8 42	1 42	21 33	8 17	16 4	15 40	27 23	17 54	5 6	
S 16	23 18	19 58	5 8	22 35	0 14	23 44	0 20	11 21	0 40	2 49	1 12	22 11	0 49	23 30	0 8	8 42	1 42	21 34	8 17	16 3	15 39	27 24	17 54	5 6	
S 17	23 20	15 38	4 56	22 18	0s 0	23 47	0 23	11 25	0 42	2 52	1 12	22 12	0 49	23 30	0 9	8 41	1 42	21 34	8 17	16 1	15 38	27 24	17 54	5 6	
M18	23 22	10 35	4 29	22 0	0 15	23 49	0 25	11 30	0 44	2 55	1 13	22 12	0 49	23 30	0 9	8 41	1 42	21 35	8 18	16 1	15 37	27 24	17 54	5 6	
T 19	23 23	5 1	3 49	21 43	0 29	23 51	0 27	11 34	0 45	2 58	1 13	22 13	0 49	23 30	0 9	8 41	1 42	21 35	8 18	16 0	15 36	27 24	17 55	5 6	
W20	23 24	0n55	2 57	21 26	0 45	23 52	0 30	11 39	0 47	3 0	1 13	22 13	0 49	23 30	0 9	8 41	1 42	21 36	8 18	16 0	15 35	27 24	17 55	5 6	
T 21	23 24	7 1	1 53	21 9	1 1	23 52	0 32	11 44	0 49	3 3	1 13	22 13	0 49	23 30	0 9	8 41	1 42	21 36	8 18	16 1	15 34	27 24	17 55	5 6	
F 22	23 24	12 58	0 41	20 52	1 17	23 51	0 34	11 49	0 50	3 6	1 14	22 14	0 49	23 30	0 9	8 41	1 42	21 37	8 19	16 1	15 33	27 24	17 55	5 7	
S 23	23 24	18 27	0n36	20 36	1 33	23 50	0 36	11 54	0 52	3 8	1 14	22 14	0 49	23 30	0 9	8 40	1 42	21 37	8 19	16 1	15 32	27 25	17 56	5 7	
S 24	23 23	23 0	1 52	20 20	1 50	23 48	0 38	12 0	0 53	3 11	1 14	22 14	0 49	23 31	0 9	8 40	1 42	21 38	8 19	16 1	15 31	27 25	17 56	5 7	
M25	23 22	26 5	3 3	20 5	2 7	23 45	0 41	12 6	0 55	3 14	1 14	22 15	0 49	23 31	0 9	8 40	1 42	21 38	8 19	15 59	15 30	27 25	17 56	5 7	
T 26	23 20	27 18	4 1	19 50	2 23	23 42	0 43	12 11	0 56	3 16	1 15	22 15	0 49	23 31	0 9	8 40	1 42	21 39	8 20	15 58	15 29	27 25	17 56	5 7	
W27	23 18	26 27	4 42	19 36	2 39	23 38	0 45	12 18	0 58	3 18	1 15	22 16	0 49	23 31	0 9	8 40	1 42	21 39	8 20	15 56	15 28	27 25	17 56	5 7	
T 28	23 15	23 39	5 4	19 23	2 55	23 33	0 47	12 24	0 59	3 21	1 15	22 16	0 49	23 31	0 9	8 40	1 42	21 40	8 20	15 53	15 28	27 25	17 57	5 7	
F 29	23 13	19 21	5 4	19 10	3 11	23 27	0 49	12 30	1 0	3 23	1 15	22 16	0 48	23 31	0 9	8 40	1 42	21 40	8 20	15 51	15 27	27 25	17 57	5 8	
S 30	23n 9	14n 0	4n44	18n59	3s26	23n21	0n51	12s37	1s 2	3n25	1s16	22s17	0n48	23n31	0n 9	8s40	1n41	21s41	8s20	15n49	15n26	27s25	17n57	5s 8	

ASTRODIENST EPHEMERIS for the year 2283
geocentric

JULY 2283

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 18	9°57'00	19°17'7	16°R 0	16°54'1	0°M50	11°Y42	9°R 8	27°II15	26°R35	23°R 3	13°R17	11°R59	8°R23	20°II36	S 1
M 2	18 39 15	10° 4'14	2°23'5	15°58'28	17°55	1° 6	11°48	9°R 4	27°19	26°R35	23°R 2	13°R15	11°56	8°30	20°41	M 2
T 3	18 43 11	11° 1'28	15°36	14°54	19° 9	1°23	11°54	8°59	27°22	26°35	23° 1	13°D15	11°53	8°36	20°46	T 3
W 4	18 47 8	11°58'41	28°16	14°18	20°22	1°40	11°59	8°55	27°26	26°34	23° 0	13°16	11°50	8°43	20°51	W 4
T 5	18 51 4	12°55'54	10°M37	13°42	21°36	1°58	12° 5	8°51	27°29	26°34	22°59	13°R17	11°46	8°50	20°56	T 5
F 6	18 55 1	13°53'06	22°45	13° 6	22°50	2°17	12°10	8°46	27°33	26°34	22°58	13°16	11°43	8°56	21° 1	F 6
S 7	18 58 57	14°50'18	4°A44	12°31	24° 4	2°36	12°15	8°42	27°36	26°34	22°57	13°14	11°40	9° 3	21° 5	S 7
S 8	19 2 54	15°47'30	16°37	11°57	25°17	2°55	12°20	8°37	27°40	26°D34	22°56	13° 9	11°37	9°10	21°10	S 8
M 9	19 6 50	16°44'42	28°27	11°24	26°31	3°15	12°25	8°33	27°43	26°34	22°55	13° 2	11°34	9°17	21°15	M 9
T 10	19 10 47	17°41'54	10°R18	10°54	27°45	3°36	12°29	8°29	27°46	26°34	22°54	12°52	11°31	9°23	21°20	T 10
W11	19 14 44	18°39'05	22°11	10°27	28°58	3°57	12°34	8°24	27°50	26°34	22°53	12°41	11°27	9°30	21°24	W11
T 12	19 18 40	19°36'17	4°A 7	10° 4	0°L12	4°18	12°38	8°20	27°53	26°34	22°52	12°29	11°24	9°37	21°29	T 12
F 13	19 22 37	20°33'29	16° 8	9°44	1°26	4°40	12°42	8°16	27°57	26°34	22°51	12°17	11°21	9°43	21°34	F 13
S 14	19 26 33	21°30'41	28°15	9°28	2°39	5° 2	12°46	8°12	28° 0	26°35	22°50	12° 6	11°18	9°50	21°38	S 14
S 15	19 30 30	22°27'53	10°R30	9°17	3°53	5°25	12°50	8° 7	28° 3	26°35	22°49	11°58	11°15	9°57	21°43	S 15
M16	19 34 26	23°25'05	22°56	9°11	5° 7	5°48	12°53	8° 3	28° 7	26°35	22°47	11°51	11°12	10° 3	21°48	M16
T 17	19 38 23	24°22'18	5°Y36	9°D10	6°20	6°11	12°56	7°59	28°10	26°35	22°46	11°48	11° 8	10°10	21°52	T 17
W18	19 42 19	25°19'31	18°32	9°14	7°34	6°35	13° 0	7°55	28°13	26°36	22°45	11°47	11° 5	10°17	21°57	W18
T 19	19 46 16	26°16'45	1°R49	9°23	8°48	6°59	13° 3	7°51	28°16	26°36	22°44	11°D46	11° 2	10°24	22° 1	T 19
F 20	19 50 13	27°14'00	15°29	9°37	10° 1	7°24	13° 5	7°47	28°20	26°36	22°43	11°R47	10°59	10°30	22° 5	F 20
S 21	19 54 9	28°11'15	29°34	9°58	11°15	7°49	13° 8	7°43	28°23	26°37	22°42	11°46	10°56	10°37	22°10	S 21
S 22	19 58 6	29° 8'31	14°II 3	10°23	12°29	8°15	13°10	7°39	28°26	26°37	22°40	11°43	10°52	10°44	22°14	S 22
M23	20 2 2	0°L 5'48	28°55	10°54	13°42	8°40	13°13	7°35	28°29	26°38	22°39	11°37	10°49	10°50	22°19	M23
T 24	20 5 59	1° 3'05	14°R 2	11°31	14°56	9° 7	13°15	7°31	28°32	26°38	22°38	11°29	10°46	10°57	22°23	T 24
W25	20 9 55	2° 0'23	29°15	12°13	16°10	9°33	13°16	7°27	28°36	26°39	22°37	11°19	10°43	11° 4	22°27	W25
T 26	20 13 52	2°57'41	14°R24	13° 0	17°23	10° 0	13°18	7°23	28°39	26°39	22°35	11° 8	10°40	11°11	22°31	T 26
F 27	20 17 49	3°54'59	29°18	13°53	18°37	10°27	13°19	7°20	28°42	26°40	22°34	10°58	10°37	11°17	22°36	F 27
S 28	20 21 45	4°52'18	13°M49	14°51	19°51	10°55	13°21	7°16	28°45	26°40	22°33	10°49	10°33	11°24	22°40	S 28
S 29	20 25 42	5°49'37	27°52	15°54	21° 4	11°23	13°22	7°12	28°48	26°41	22°32	10°43	10°30	11°31	22°44	S 29
M30	20 29 38	6°46'57	11°A25	17° 3	22°18	11°51	13°23	7° 9	28°51	26°42	22°30	10°39	10°27	11°37	22°48	M30
T 31	20 33 35	7°R44'17	24°R30	18°R16	23°R32	12°M19	13°Y23	7°R 5	28°II54	26°R42	22°R29	10°R37	10°R24	11°R44	22°II52	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	23n 5	8n 7	4n 9	18n49	3s40	23n14	0n53	12s44	1s 3	3n27	1s16	22s17	0n48	23n31	0n 9	8s40
M 2	23 1	2 2	3 20	18 39	3 53	23 7	0 55	12 51	1 4	3 29	1 16	22 18	0 48	23 31	0 9	8 40
T 3	22 57	3s56	2 23	18 31	4 5	22 59	0 57	12 58	1 6	3 31	1 17	22 18	0 48	23 31	0 9	8 40
W 4	22 52	9 36	1 20	18 24	4 16	22 50	0 59	13 5	1 7	3 33	1 17	22 18	0 48	23 31	0 9	8 40
T 5	22 47	14 46	0 14	18 18	4 25	22 40	1 0	13 12	1 8	3 35	1 17	22 19	0 48	23 31	0 9	8 40
F 6	22 41	19 15	0s50	18 13	4 33	22 30	1 2	13 20	1 9	3 37	1 17	22 19	0 48	23 32	0 9	8 40
S 7	22 35	22 53	1 52	18 10	4 40	22 19	1 4	13 27	1 10	3 39	1 18	22 19	0 48	23 32	0 9	8 40
S 8	22 28	25 31	2 48	18 8	4 45	22 7	1 6	13 35	1 11	3 40	1 18	22 20	0 48	23 32	0 9	8 40
M 9	22 21	27 0	3 36	18 7	4 49	21 55	1 7	13 43	1 13	3 42	1 18	22 20	0 48	23 32	0 9	8 40
T 10	22 14	27 15	4 15	18 8	4 50	21 42	1 9	13 51	1 14	3 43	1 18	22 21	0 48	23 32	0 9	8 40
W11	22 6	26 14	4 43	18 10	4 51	21 29	1 10	13 59	1 15	3 45	1 19	22 21	0 47	23 32	0 9	8 40
T 12	21 58	24 2	4 59	18 13	4 50	21 15	1 12	14 7	1 16	3 46	1 19	22 21	0 47	23 32	0 9	8 40
F 13	21 50	20 46	5 1	18 17	4 47	21 0	1 13	14 16	1 17	3 48	1 19	22 22	0 47	23 32	0 9	8 40
S 14	21 41	16 36	4 50	18 22	4 43	20 45	1 15	14 24	1 18	3 49	1 20	22 22	0 47	23 32	0 9	8 40
S 15	21 32	11 43	4 26	18 28	4 37	20 29	1 16	14 33	1 19	3 50	1 20	22 22	0 47	23 32	0 9	8 40
M16	21 23	6 18	3 48	18 35	4 30	20 13	1 17	14 41	1 20	3 51	1 20	22 23	0 47	23 32	0 9	8 40
T 17	21 13	0 31	2 59	18 44	4 22	19 56	1 18	14 50	1 21	3 52	1 20	22 23	0 47	23 32	0 9	8 41
W18	21 2	5n24	2 0	18 52	4 13	19 38	1 20	14 59	1 22	3 53	1 21	22 23	0 47	23 32	0 9	8 41
T 19	20 52	11 16	0 53	19 2	4 3	19 20	1 21	15 8	1 23	3 54	1 21	22 24	0 47	23 32	0 9	8 41
F 20	20 41	16 46	0n20	19 11	3 52	19 1	1 22	15 17	1 23	3 55	1 21	22 24	0 46	23 32	0 9	8 41
S 21	20 30	21 32	1 33	19 22	3 41	18 42	1 23	15 26	1 24	3 56	1 22	22 25	0 46	23 33	0 9	8 41
S 22	20 18	25 8	2 42	19 32	3 28	18 22	1 24	15 35	1 25	3 56	1 22	22 25	0 46	23 33	0 9	8 42
M23	20 6	27 6	3 42	19 43	3 16	18 2	1 25	15 44	1 26	3 57	1 22	22 25	0 46	23 33	0 9	8 42
T 24	19 54	27 6	4 27	19 53	3 2	17 41	1 25	15 53	1 27	3 57	1 22	22 26	0 46	23 33	0 9	8 42
W25	19 41	25 4	4 54	20 3	2 48	17 20	1 26	16 2	1 28	3 58	1 23	22 26	0 46	23 33	0 9	8 42
T 26	19 28	21 16	5 0	20 13	2 34	16 59	1 27	16 11	1 28	3 58	1 23	22 26	0 46	23 33	0 9	8 42
F 27	19 15	16 9	4 46	20 22	2 20	16 37	1 27	16 21	1 29	3 58	1 23	22 27	0 46	23 33	0 9	8 43
S 28	19 1	10 15	4 13	20 30	2 5	16 14	1 28	16 30	1 30	3 59	1 24	22 27	0 46	23 33	0 9	8 43
S 29	18 47	3 59	3 25	20 38	1 50	15 51	1 28	16 39	1 31	3 59	1 24	22 27	0 45	23 33	0 9	8 43
M30	18 33	2s14	2 28	20 44	1 36	15 28	1 29	16 49	1 31	3 59	1 24	22 27	0 45	23 33	0 9	8 44
T 31	18n18	8s10	1n24	20n49	1s21	15n 4	1n29	16s58	1s32	3n59	1s24	22s28	0n45	23n33	0n 9	8s44

Julian Day Number = 2555089.5, Delta T = 269.42 sec
Ecliptic obliquity = 23°24'15, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°42'10, Lahiri = 27°49'11

ASTRODIENST EPHEMERIS for the year 2283
geocentric

AUGUST 2283

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	20 37 31	8♌41°37'	7♍10	19♉34	24♌45	12♍48	13♎24	7°R 2	28♏57	26♎43	22°R28	10°R37	10♏21	11♐51	22♏56	W 1
T 2	20 41 28	9°38'58	19°31	20°57	25°59	13°17	13°24	6♐58	29° 0	26°44	22°27	10♐37	10°18	11°57	23° 0	T 2
F 3	20 45 24	10°36'19	1♊37	22°25	27°13	13°47	13°R24	6°55	29° 3	26°45	22°25	10°36	10°14	12° 4	23° 4	F 3
S 4	20 49 21	11°33'41	13°33	23°57	28°26	14°17	13°24	6°52	29° 5	26°45	22°24	10°33	10°11	12°11	23° 8	S 4
S 5	20 53 17	12°31'03	25°24	25°33	29°40	14°47	13°23	6°49	29° 8	26°46	22°23	10°28	10° 8	12°18	23°12	S 5
M 6	20 57 14	13°28'26	7♋14	27°13	0♎53	15°17	13°23	6°46	29°11	26°47	22°21	10°20	10° 5	12°24	23°15	M 6
T 7	21 1 11	14°25'50	19° 6	28°57	2° 7	15°48	13°22	6°43	29°14	26°48	22°20	10° 9	10° 2	12°31	23°19	T 7
W 8	21 5 7	15°23'14	1♋ 3	0♌45	3°21	16°19	13°21	6°40	29°16	26°49	22°19	9°56	9°58	12°38	23°23	W 8
T 9	21 9 4	16°20'39	13° 6	2°35	4°34	16°50	13°20	6°37	29°19	26°50	22°17	9°43	9°55	12°44	23°26	T 9
F 10	21 13 0	17°18'06	25°16	4°29	5°48	17°21	13°19	6°34	29°22	26°51	22°16	9°29	9°52	12°51	23°30	F 10
S 11	21 16 57	18°15'33	7♊35	6°25	7° 1	17°53	13°17	6°31	29°24	26°52	22°15	9°17	9°49	12°58	23°33	S 11
S 12	21 20 53	19°13'01	20° 2	8°23	8°15	18°25	13°16	6°29	29°27	26°53	22°13	9° 8	9°46	13° 5	23°37	S 12
M13	21 24 50	20°10'30	2♎40	10°22	9°28	18°57	13°14	6°26	29°30	26°54	22°12	9° 1	9°43	13°11	23°40	M13
T 14	21 28 46	21° 8'00	15°29	12°23	10°42	19°30	13°12	6°23	29°32	26°55	22°11	8°56	9°39	13°18	23°44	T 14
W15	21 32 43	22° 5'32	28°32	14°26	11°55	20° 2	13° 9	6°21	29°35	26°57	22° 9	8°54	9°36	13°25	23°47	W15
T 16	21 36 40	23° 3'05	11♐50	16°28	13° 9	20°35	13° 7	6°19	29°37	26°58	22° 8	8°D54	9°33	13°31	23°50	T 16
F 17	21 40 36	24° 0'40	25°27	18°31	14°22	21° 8	13° 4	6°16	29°40	26°59	22° 7	8°R54	9°30	13°38	23°54	F 17
S 18	21 44 33	24°58'16	9♏23	20°35	15°36	21°42	13° 1	6°14	29°42	27° 0	22° 5	8°54	9°27	13°45	23°57	S 18
S 19	21 48 29	25°55'54	23°40	22°38	16°49	22°15	12°58	6°12	29°44	27° 1	22° 4	8°51	9°24	13°52	24° 0	S 19
M20	21 52 26	26°53'33	8♏15	24°40	18° 3	22°49	12°55	6°10	29°47	27° 3	22° 3	8°46	9°20	13°58	24° 3	M20
T 21	21 56 22	27°51'14	23° 3	26°42	19°16	23°23	12°52	6° 8	29°49	27° 4	22° 1	8°39	9°17	14° 5	24° 6	T 21
W22	22 0 19	28°48'56	7♌59	28°44	20°30	23°58	12°48	6° 6	29°51	27° 5	22° 0	8°30	9°14	14°12	24° 9	W22
T 23	22 4 16	29°46'39	22°54	0♎44	21°43	24°32	12°44	6° 5	29°53	27° 7	21°59	8°19	9°11	14°18	24°12	T 23
F 24	22 8 12	0♐44'24	7♎38	2°43	22°57	25° 7	12°40	6° 3	29°55	27° 8	21°57	8°10	9° 8	14°25	24°15	F 24
S 25	22 12 9	1°42'10	22° 3	4°41	24°10	25°42	12°36	6° 1	29°57	27°10	21°56	8° 1	9° 4	14°32	24°17	S 25
S 26	22 16 5	2°39'57	6♎ 4	6°38	25°24	26°17	12°32	6° 0	29°59	27°11	21°55	7°55	9° 1	14°38	24°20	S 26
M27	22 20 2	3°37'46	19°38	8°34	26°37	26°52	12°27	5°59	0♏ 2	27°13	21°53	7°51	8°58	14°45	24°23	M27
T 28	22 23 58	4°35'35	2♍46	10°29	27°51	27°28	12°22	5°57	0° 4	27°14	21°52	7°D50	8°55	14°52	24°25	T 28
W29	22 27 55	5°33'26	15°29	12°22	29° 4	28° 4	12°18	5°56	0° 5	27°16	21°51	7°50	8°52	14°59	24°28	W29
T 30	22 31 51	6°31'18	27°52	14°14	0♎17	28°40	12°13	5°55	0° 7	27°17	21°49	7°51	8°49	15° 5	24°30	T 30
F 31	22 35 48	7♎29'12	9♊59	16♎ 4	1♎31	29♍16	12♎ 7	5♐54	0♏ 9	27♎19	21°48	7°R51	8♏45	15♐12	24♏33	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	18n 4	13s36	0n18	20n53	1s 6	14n39	1n29	17s 8	1s33	3n59	1s25	22s28	0n45	23n33	0n 9	8s44	1n40	21s58	8s26	14n59	14n54	27s23	17n57	5s16			
T 2	17 49	18 20	0s47	20 55	0 52	14 15	1 30	17 17	1 33	3 58	1 25	22 28	0 45	23 33	0 9	8 44	1 40	21 58	8 26	14 59	14 53	27 23	17 57	5 17			
F 3	17 33	22 14	1 49	20 55	0 38	13 50	1 30	17 27	1 34	3 58	1 25	22 29	0 45	23 33	0 9	8 45	1 40	21 59	8 26	14 59	14 52	27 23	17 57	5 17			
S 4	17 17	25 7	2 45	20 53	0 24	13 24	1 30	17 36	1 35	3 58	1 26	22 29	0 45	23 33	0 9	8 45	1 40	21 59	8 27	14 58	14 51	27 22	17 56	5 18			
S 5	17 1	26 52	3 33	20 49	0 11	12 59	1 30	17 46	1 35	3 58	1 26	22 29	0 45	23 33	0 9	8 46	1 40	22 0	8 27	14 56	14 50	27 22	17 56	5 18			
M 6	16 45	27 24	4 12	20 43	0n 2	12 33	1 30	17 55	1 36	3 57	1 26	22 30	0 44	23 33	0 9	8 46	1 40	22 1	8 27	14 54	14 49	27 22	17 56	5 18			
T 7	16 29	26 40	4 40	20 34	0 14	12 6	1 30	18 5	1 36	3 57	1 26	22 30	0 44	23 33	0 9	8 46	1 39	22 1	8 27	14 50	14 48	27 22	17 56	5 19			
W 8	16 12	24 43	4 56	20 23	0 26	11 39	1 30	18 14	1 37	3 56	1 27	22 30	0 44	23 33	0 9	8 47	1 39	22 2	8 27	14 46	14 47	27 21	17 56	5 19			
T 9	15 55	21 38	4 59	20 9	0 37	11 12	1 29	18 24	1 37	3 55	1 27	22 30	0 44	23 33	0 9	8 47	1 39	22 2	8 27	14 42	14 46	27 21	17 55	5 19			
F 10	15 38	17 36	4 49	19 52	0 47	10 45	1 29	18 33	1 38	3 54	1 27	22 31	0 44	23 33	0 9	8 47	1 39	22 3	8 27	14 38	14 45	27 21	17 55	5 20			
S 11	15 20	12 48	4 25	19 33	0 56	10 18	1 29	18 43	1 38	3 54	1 28	22 31	0 44	23 33	0 9	8 48	1 39	22 3	8 27	14 34	14 44	27 21	17 55	5 20			
S 12	15 2	7 26	3 48	19 11	1 5	9 50	1 28	18 52	1 39	3 53	1 28	22 31	0 44	23 33	0 9	8 48	1 39	22 4	8 27	14 31	14 43	27 20	17 55	5 21			
M13	14 44	1 41	2 59	18 47	1 13	9 22	1 28	19 2	1 39	3 52	1 28	22 31	0 43	23 33	0 9	8 49	1 39	22 4	8 27	14 29	14 42	27 20	17 55	5 21			
T 14	14 26	4n14	2 1	18 20	1 20	8 53	1 27	19 11	1 40	3 51	1 28	22 32	0 43	23 33	0 9	8 49	1 39	22 5	8 27	14 27	14 41	27 20	17 54	5 21			
W15	14 8	10 5	0 55	17 51	1 26	8 25	1 26	19 20	1 40	3 49	1 29	22 32	0 43	23 33	0 9	8 50	1 39	22 5	8 27	14 27	14 40	27 20	17 54	5 22			
T 16	13 49	15 37	0n16	17 20	1 31	7 56	1 26	19 29	1 41	3 48	1 29	22 32	0 43	23 33	0 9	8 50	1 39	22 6	8 28	14 27	14 39	27 19	17 54	5 22			
F 17	13 30	20 30	1 27	16 46	1 36	7 27	1 25	19 39	1 41	3 47	1 29	22 32	0 43	23 33	0 9	8 51	1 39	22 6	8 28	14 27	14 38	27 19	17 53	5 23			
S 18	13 11	24 22	2 34	16 11	1 39	6 57	1 24	19 48	1 42	3 46	1 29	22 33	0 43	23 34	0 9	8 51	1 39	22 7	8 28	14 27	14 37	27 19	17 53	5 23			
S 19	12 51	26 49	3 34	15 33	1 42	6 28	1 23	19 57	1 42	3 44	1 30	22 33	0 43	23 34	0 9	8 52	1 39	22 7	8 28	14 26	14 36	27 18	17 53	5 24			
M20	12 32	27 29	4 21	14 55	1 44	5 58	1 22	20 6	1 43	3 43	1 30	22 33	0 43	23 34	0 9	8 52	1 39	22 8	8 28	14 24	14 35	27 18	17 53	5 24			
T 21	12 12	26 13	4 51	14 14	1 45	5 29	1 21	20 15	1 43	3 41	1 30	22 33	0 42	23 34	0 9	8 53	1 39	22 8	8 28	14 22	14 34	27 18	17 52	5 24			
W22	11 52	23 6	5 2	13 33	1 46	4 59	1 20	20 24	1 43	3 40	1 31	22 34	0 42	23 34	0 9	8 53	1 39	22 9	8 28	14 19	14 33	27 17	17 52	5 25			
T 23	11 32	18 28	4 52	12 50	1 45	4 29	1 18	20 33	1 44	3 38	1 31	22 34	0 42	23 34	0 9	8 54	1 39	22 9	8 28	14 16	14 32	27 17	17 52	5 25			
F 24	11 12	12 46	4 23	12 7	1 44	3 59	1 17	20 42	1 44	3 36	1 31	22 34	0 42	23 34	0 9	8 54	1 39	22 10	8 28	14 12	14 31	27 16	17 51	5 26			
S 25	10 51	6 29	3 38	11 22	1 43	3 28	1 16	20 51	1 44	3 34	1 31	22 34	0 42	23 34	0 9	8 55	1 39	22 10	8 28	14 10	14 30	27 16	17 51	5 26			
S 26	10 31	0 3	2 41	10 37	1 41	2 58	1 14	20 59	1 45	3 32	1 31	22 34	0 42	23 34	0 9	8 55	1 39	22 11	8 28	14 8	14 29	27 16	17 51	5 27			
M27	10 10	6s12	1 35	9 52	1 38	2 27	1 13	21 8	1 45	3 30	1 32	22 35	0 42	23 34	0 9	8 56	1 39	22 11	8 28	14 7	14 28	27 15	17 50	5 27			
T 28	9 49	11 59	0 27	9 6	1 35	1 57	1 11	21 16	1 45	3 28	1 32	22 35	0 41	23 34	0 9	8 56	1 39	22 12	8 28	14 6	14 27	27 15	17 50	5 28			
W29	9 28	17 6	0s41	8 19	1 32	1 26	1 10	21 25	1 46	3 26	1 32	22 35	0 41	23 34	0 9	8 57	1 39	22 12	8 28	14 6	14 26	27 14	17 50	5 28			
T 30	9 6	21 21	1 45	7 33	1 38	0 55	1 8	21 33	1 46	3 24	1 32	22 35	0 41	23 34	0 9	8 58	1 38	22 12	8 28	14 6	14 25	27 14	17 49	5 28			
F 31	8n45	24s36	2s43	6n46	1n23	0n25	1n 6	21s41	1s46	3n22	1s33	22s35	0n41	23n34	0n 9	8s58	1n38	22s13	8s28	14n 6	14n24	27s14	17n49	5s29			

ASTRODIENST EPHEMERIS for the year 2283
geocentric

SEPTEMBER 2283

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 44	8♍27'06	21♌56	17♍54	2♌44	29♍52	12°R 2	5°R53	0♍11	27♌20	21°R47	7°R50	8♌42	15♌19	24♌35	S 1
S 2	22 43 41	9°25'02	3♌48	19°41	3°57	0♌29	11°V57	5♌52	0°13	27°22	21°R46	7♌47	8°39	15°25	24°37	S 2
M 3	22 47 38	10°22'59	15°40	21°28	5°11	1° 6	11°51	5°52	0°15	27°24	21°44	7°41	8°36	15°32	24°39	M 3
T 4	22 51 34	11°20'58	27°35	23°13	6°24	1°43	11°45	5°51	0°16	27°25	21°43	7°34	8°33	15°39	24°42	T 4
W 5	22 55 31	12°18'58	9♌36	24°57	7°37	2°20	11°39	5°50	0°18	27°27	21°42	7°25	8°30	15°46	24°44	W 5
T 6	22 59 27	13°16'59	21°47	26°40	8°51	2°57	11°33	5°50	0°19	27°29	21°41	7°15	8°26	15°52	24°46	T 6
F 7	23 3 24	14°15'02	4♌9	28°22	10° 4	3°34	11°27	5°50	0°21	27°30	21°39	7° 5	8°23	15°59	24°47	F 7
S 8	23 7 20	15°13'06	16°41	0♌2	11°17	4°12	11°21	5°49	0°22	27°32	21°38	6°56	8°20	16° 6	24°49	S 8
S 9	23 11 17	16°11'12	29°26	1°41	12°30	4°50	11°14	5°49	0°24	27°34	21°37	6°49	8°17	16°12	24°51	S 9
M10	23 15 13	17° 9'20	12♌22	3°19	13°44	5°28	11° 7	5°D49	0°25	27°36	21°36	6°44	8°14	16°19	24°53	M10
T 11	23 19 10	18° 7'30	25°30	4°55	14°57	6° 6	11° 1	5°49	0°27	27°37	21°35	6°42	8°10	16°26	24°55	T 11
W12	23 23 7	19° 5'41	8♌49	6°31	16°10	6°44	10°54	5°49	0°28	27°39	21°33	6°D41	8° 7	16°33	24°56	W12
T 13	23 27 3	20° 3'55	22°20	8° 5	17°23	7°23	10°47	5°50	0°29	27°41	21°32	6°42	8° 4	16°39	24°58	T 13
F 14	23 31 0	21° 2'10	6♌4	9°38	18°36	8° 1	10°40	5°50	0°30	27°43	21°31	6°43	8° 1	16°46	24°59	F 14
S 15	23 34 56	22° 0'28	20° 0	11°10	19°49	8°40	10°33	5°50	0°31	27°45	21°30	6°R44	7°58	16°53	25° 0	S 15
S 16	23 38 53	22°58'48	4♌9	12°41	21° 2	9°19	10°25	5°51	0°33	27°47	21°29	6°43	7°55	16°59	25° 2	S 16
M17	23 42 49	23°57'10	18°28	14°10	22°15	9°58	10°18	5°52	0°34	27°49	21°28	6°41	7°51	17° 6	25° 3	M17
T 18	23 46 46	24°55'34	2♌55	15°39	23°29	10°37	10°11	5°52	0°35	27°51	21°27	6°37	7°48	17°13	25° 4	T 18
W19	23 50 42	25°54'00	17°26	17° 6	24°42	11°16	10° 3	5°53	0°36	27°52	21°26	6°32	7°45	17°20	25° 5	W19
T 20	23 54 39	26°52'28	1♍55	18°32	25°55	11°56	9°56	5°54	0°36	27°54	21°25	6°25	7°42	17°26	25° 6	T 20
F 21	23 58 36	27°50'58	16°16	19°57	27° 8	12°35	9°48	5°55	0°37	27°56	21°24	6°19	7°39	17°33	25° 7	F 21
S 22	0 2 32	28°49'30	0♌23	21°21	28°21	13°15	9°40	5°56	0°38	27°58	21°22	6°14	7°36	17°40	25° 8	S 22
S 23	0 6 29	29°48'04	14°11	22°43	29°34	13°55	9°32	5°57	0°39	28° 0	21°21	6°11	7°32	17°46	25° 9	S 23
M24	0 10 25	0♌46'40	27°37	24° 4	0♍47	14°35	9°25	5°59	0°39	28° 2	21°21	6° 9	7°29	17°53	25° 9	M24
T 25	0 14 22	1°45'17	10♌41	25°24	2° 0	15°15	9°17	6° 0	0°40	28° 5	21°20	6°D 9	7°26	18° 0	25°10	T 25
W26	0 18 18	2°43'56	23°24	26°42	3°13	15°56	9° 9	6° 2	0°41	28° 7	21°19	6°10	7°23	18° 7	25°11	W26
T 27	0 22 15	3°42'37	5♌48	27°59	4°26	16°36	9° 1	6° 3	0°41	28° 9	21°18	6°11	7°20	18°13	25°11	T 27
F 28	0 26 11	4°41'20	17°57	29°15	5°38	17°17	8°53	6° 5	0°42	28°11	21°17	6°13	7°16	18°20	25°12	F 28
S 29	0 30 8	5°40'05	29°56	0♍29	6°51	17°58	8°45	6° 7	0°42	28°13	21°16	6°14	7°13	18°27	25°12	S 29
S 30	0 34 5	6♌38'51	11♌50	1♍41	8♍ 4	18♌39	8°V37	6♌9	0♌42	28♌15	21°R15	6°R14	7♌10	18♌33	25♌12	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
S 1	8n23	26s42	3s33	5n59	1n18	0s 6	1n 4	21s50	1s46	3n20	1s33	22s36	0n41	23n34	0n 9	8s59	1n38	22s13	8s28	14n 6	14n23	27s13	17n48	5s29	17s45
S 2	8 2	27 34	4 13	5 12	1 13	0 37	1 3	21 58	1 47	3 17	1 33	22 36	0 41	23 34	0 10	8 59	1 38	22 14	8 28	14 5	14 22	27 13	17 48	5 30	17 45
M 3	7 40	27 10	4 43	4 25	1 8	1 8	1 1	22 5	1 47	3 15	1 33	22 36	0 41	23 34	0 10	9 0	1 38	22 14	8 28	14 3	14 21	27 12	17 48	5 30	17 45
T 4	7 18	25 31	5 0	3 38	1 2	1 38	0 59	22 13	1 47	3 12	1 33	22 36	0 40	23 34	0 10	9 1	1 38	22 15	8 28	14 1	14 20	27 12	17 47	5 31	17 45
W 5	6 56	22 43	5 5	2 51	0 56	2 9	0 57	22 21	1 47	3 10	1 34	22 36	0 40	23 34	0 10	9 1	1 38	22 15	8 28	13 58	14 19	27 11	17 47	5 31	17 45
T 6	6 34	18 53	4 55	2 5	0 49	2 40	0 55	22 28	1 47	3 7	1 34	22 36	0 40	23 34	0 10	9 2	1 38	22 15	8 28	13 55	14 18	27 11	17 46	5 32	17 45
F 7	6 11	14 12	4 32	1 18	0 43	3 11	0 52	22 36	1 48	3 5	1 34	22 37	0 40	23 34	0 10	9 3	1 38	22 16	8 28	13 52	14 17	27 10	17 46	5 32	17 45
S 8	5 49	8 52	3 55	0 32	0 36	3 41	0 50	22 43	1 48	3 2	1 34	22 37	0 40	23 34	0 10	9 3	1 38	22 16	8 28	13 49	14 16	27 10	17 46	5 33	17 45
S 9	5 27	3 5	3 6	0s13	0 29	4 12	0 48	22 50	1 48	2 59	1 34	22 37	0 40	23 34	0 10	9 4	1 38	22 16	8 28	13 46	14 15	27 9	17 45	5 33	17 45
M10	5 4	2n56	2 7	0 59	0 22	4 42	0 46	22 57	1 48	2 57	1 35	22 37	0 40	23 34	0 10	9 5	1 38	22 17	8 28	13 45	14 14	27 9	17 45	5 34	17 45
T 11	4 41	8 55	1 0	1 44	0 15	5 13	0 43	23 4	1 48	2 54	1 35	22 37	0 39	23 34	0 10	9 5	1 38	22 17	8 28	13 44	14 13	27 8	17 44	5 34	17 45
W12	4 19	14 36	0n12	2 28	0 7	5 43	0 41	23 11	1 48	2 51	1 35	22 37	0 39	23 34	0 10	9 6	1 38	22 18	8 28	13 44	14 12	27 8	17 44	5 35	17 45
T 13	3 56	19 40	1 24	3 12	0s 0	6 13	0 38	23 17	1 48	2 48	1 35	22 37	0 39	23 34	0 10	9 7	1 38	22 18	8 28	13 44	14 11	27 7	17 43	5 35	17 45
F 14	3 33	23 47	2 32	3 56	0 8	6 44	0 36	23 24	1 48	2 45	1 35	22 38	0 39	23 34	0 10	9 7	1 38	22 18	8 28	13 44	14 10	27 7	17 43	5 36	17 45
S 15	3 10	26 33	3 32	4 39	0 16	7 14	0 33	23 30	1 49	2 42	1 35	22 38	0 39	23 34	0 10	9 8	1 38	22 19	8 28	13 45	14 9	27 6	17 43	5 36	17 45
S 16	2 47	27 41	4 21	5 22	0 23	7 43	0 31	23 36	1 49	2 40	1 35	22 38	0 39	23 34	0 10	9 9	1 38	22 19	8 28	13 44	14 8	27 6	17 42	5 37	17 45
M17	2 24	26 59	4 54	6 4	0 31	8 13	0 28	23 42	1 49	2 37	1 35	22 38	0 39	23 34	0 10	9 9	1 38	22 19	8 27	13 44	14 7	27 5	17 42	5 37	17 45
T 18	2 1	24 29	5 9	6 45	0 39	8 43	0 25	23 48	1 49	2 34	1 36	22 38	0 38	23 34	0 10	9 10	1 38	22 19	8 27	13 42	14 6	27 5	17 41	5 38	17 45
W19	1 38	20 24	5 4	7 26	0 47	9 12	0 23	23 54	1 49	2 31	1 36	22 38	0 38	23 34	0 10	9 11	1 38	22 20	8 27	13 41	14 4	27 4	17 41	5 38	17 45
T 20	1 14	15 7	4 39	8 6	0 55	9 41	0 20	23 59	1 49	2 27	1 36	22 38	0 38	23 34	0 10	9 12	1 38	22 20	8 27	13 38	14 3	27 3	17 40	5 39	17 45
F 21	0 51	9 4	3 58	8 46	1 3	10 10	0 17	24 4	1 49	2 24	1 36	22 38	0 38	23 34	0 10	9 12	1 38	22 20	8 27	13 37	14 2	27 3	17 40	5 39	17 45
S 22	0 28	2 38	3 2	9 24	1 11	10 39	0 14	24 9	1 49	2 21	1 36	22 38	0 38	23 34	0 10	9 13	1 38	22 21	8 27	13 35	14 1	27 2	17 39	5 40	17 45
S 23	0 5	3s47	1 57	10 3	1 19	11 7	0 11	24 14	1 49	2 18	1 36	22 39	0 38	23 34	0 10	9 14	1 38	22 21	8 27	13 34	14 0	27 2	17 39	5 40	17 45
M24	0s19	9 53	0 46	10 40	1 27	11 36	0 9	24 19	1 49	2 15	1 36	22 39	0 38	23 34	0 10	9 14	1 38	22 21	8 27	13 33	13 59	27 1	17 38	5 41	17 45
T 25	0 42	15 24	0s25	11 17	1 34	12 4	0 6	24 24	1 49	2 12	1 36	22 39	0 37	23 34	0 10	9 15	1 38	22 21	8 27	13 33	13 58	27 0	17 38	5 41	17 45
W26	1 5	20 6	1 33	11 52	1 42	12 31	0 3	24 28	1 49	2 9	1 36	22 39	0 37	23 34	0 10	9 16	1 38	22 22	8 27	13 33	13 57	27 0	17 37	5 42	17 45
T 27	1 28	23 47	2 35	12 27	1 50	12 59	0s 0	24 32	1 49	2 6	1 36	22 39	0 37	23 34	0 10	9 17	1 38	22 22	8 27	13 34	13 56	26 59	17 37	5 43	17 45
F 28	1 52	26 19	3 29	13 1	1 57	13 26	0 3	24 36	1 49	2 2	1 36	22 39	0 37	23 34	0 10	9 17	1 38	22 22	8 27	13 34	13 55	26 58	17 36	5 43	17 45
S 29	2 15	27 37	4 13	13 34	2 5	13 53	0 6	24 40	1 49	1 59	1 36	22 39	0 37	23 34	0 10	9 18	1 38	22 22	8 27	13 35	13 54	26 58	17 36	5 44	17 45
S 30	2s38	27s37	4s45	14s 6	2s12	14s19	0s 9	24s43	1s49	1n56	1s36	22s39	0n37	23n34	0n10	9s19	1n38	22s22	8s26	13n35	13n53	26s57	17n35	5s44	17s45

ASTRODIENST EPHEMERIS for the year 2283
geocentric

OCTOBER 2283

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 38 1	7♏37°39	23♏42	2♏52	9♏17	19♏20	8♏29	6♏11	0♏43	28♏17	21♏14	6♏13	7♏7	18♏40	25♏12	M 1
T 2	0 41 58	8♏36°28	5♏39	4° 0	10°30	20° 1	8♏21	6°13	0°43	28°19	21°13	6♏10	7° 4	18°47	25°12	T 2
W 3	0 45 54	9°35'19	17°44	5° 7	11°43	20°42	8°13	6°15	0°43	28°21	21°13	6° 7	7° 1	18°54	25°R12	W 3
T 4	0 49 51	10°34'12	29°59	6°12	12°55	21°23	8° 5	6°17	0°43	28°23	21°12	6° 3	6°57	19° 0	25°12	T 4
F 5	0 53 47	11°33'07	12♏30	7°14	14° 8	22° 5	7°57	6°20	0°44	28°26	21°11	5°59	6°54	19° 7	25°12	F 5
S 6	0 57 44	12°32'04	25°16	8°14	15°21	22°46	7°49	6°22	0°44	28°28	21°10	5°55	6°51	19°14	25°12	S 6
S 7	1 1 40	13°31'02	8♏18	9°11	16°33	23°28	7°41	6°25	0°R44	28°30	21°10	5°52	6°48	19°20	25°12	S 7
M 8	1 5 37	14°30'03	21°36	10° 6	17°46	24°10	7°33	6°27	0°44	28°32	21° 9	5°50	6°45	19°27	25°11	M 8
T 9	1 9 34	15°29'06	5♏8	10°57	18°59	24°52	7°25	6°30	0°44	28°34	21° 8	5°D50	6°41	19°34	25°11	T 9
W10	1 13 30	16°28'10	18°53	11°45	20°11	25°34	7°17	6°33	0°43	28°36	21° 8	5°50	6°38	19°41	25°11	W10
T 11	1 17 27	17°27'17	2♏47	12°29	21°24	26°16	7° 9	6°36	0°43	28°39	21° 7	5°51	6°35	19°47	25°10	T 11
F 12	1 21 23	18°26'27	16°50	13° 9	22°36	26°58	7° 1	6°39	0°43	28°41	21° 6	5°52	6°32	19°54	25° 9	F 12
S 13	1 25 20	19°25'39	0♏58	13°45	23°49	27°41	6°54	6°42	0°43	28°43	21° 6	5°54	6°29	20° 1	25° 9	S 13
S 14	1 29 16	20°24'53	15° 9	14°16	25° 1	28°23	6°46	6°45	0°42	28°45	21° 5	5°R54	6°26	20° 7	25° 8	S 14
M15	1 33 13	21°24'09	29°22	14°42	26°14	29° 6	6°39	6°48	0°42	28°48	21° 5	5°54	6°22	20°14	25° 7	M15
T 16	1 37 9	22°23'28	13♏33	15° 2	27°26	29°48	6°31	6°52	0°41	28°50	21° 4	5°53	6°19	20°21	25° 6	T 16
W17	1 41 6	23°22'48	27°41	15°16	28°39	0♏31	6°24	6°55	0°41	28°52	21° 4	5°52	6°16	20°28	25° 5	W17
T 18	1 45 3	24°22'12	11♏42	15°R23	29°51	1°14	6°17	6°58	0°40	28°54	21° 3	5°51	6°13	20°34	25° 4	T 18
F 19	1 48 59	25°21'37	25°34	15°23	1♏3	1°57	6° 9	7° 2	0°40	28°56	21° 3	5°49	6°10	20°41	25° 3	F 19
S 20	1 52 56	26°21'04	9♏14	15°15	2°16	2°40	6° 2	7° 6	0°39	28°59	21° 2	5°48	6° 7	20°48	25° 1	S 20
S 21	1 56 52	27°20'34	22°40	14°59	3°28	3°23	5°55	7° 9	0°38	29° 1	21° 2	5°47	6° 3	20°54	25° 0	S 21
M22	2 0 49	28°20'06	5♏49	14°35	4°40	4° 6	5°48	7°13	0°38	29° 3	21° 2	5°D47	6° 0	21° 1	24°59	M22
T 23	2 4 45	29°19'39	18°42	14° 2	5°52	4°50	5°42	7°17	0°37	29° 5	21° 1	5°47	5°57	21° 8	24°57	T 23
W24	2 8 42	0♏19'15	1♏18	13°20	7° 5	5°33	5°35	7°21	0°36	29° 8	21° 1	5°48	5°54	21°15	24°56	W24
T 25	2 12 38	1°18'53	13°40	12°31	8°17	6°17	5°29	7°25	0°35	29°10	21° 1	5°48	5°51	21°21	24°54	T 25
F 26	2 16 35	2°18'32	25°48	11°33	9°29	7° 0	5°22	7°29	0°34	29°12	21° 0	5°49	5°47	21°28	24°53	F 26
S 27	2 20 32	3°18'13	7♏47	10°28	10°41	7°44	5°16	7°34	0°33	29°14	21° 0	5°49	5°44	21°35	24°51	S 27
S 28	2 24 28	4°17'56	19°41	9°18	11°53	8°28	5°10	7°38	0°32	29°17	21° 0	5°49	5°41	21°42	24°49	S 28
M29	2 28 25	5°17'41	1♏33	8° 4	13° 5	9°12	5° 4	7°42	0°31	29°19	21° 0	5°49	5°38	21°48	24°47	M29
T 30	2 32 21	6°17'27	13°29	6°49	14°17	9°56	4°58	7°47	0°30	29°21	21° 0	5°49	5°35	21°55	24°45	T 30
W31	2 36 18	7♏17'15	25♏33	5♏33	15♏29	10♏40	4♏53	7♏51	0♏28	29♏23	20♏59	5♏49	5♏32	22♏2	24♏43	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	3s 1	26s21	5s 6	14s38	2s19	14s46	0s12	24s47	1s49	1n53	1s36	22s39	0n37	23n34	0n10	9s20
T 2	3 25	23 53	5 13	15 8	2 26	15 12	0 15	24 50	1 49	1 50	1 36	22 39	0 36	23 34	0 10	9 20
W 3	3 48	20 22	5 7	15 36	2 33	15 37	0 18	24 53	1 48	1 46	1 36	22 39	0 36	23 34	0 10	9 21
T 4	4 11	15 55	4 46	16 4	2 39	16 2	0 22	24 56	1 48	1 43	1 36	22 39	0 36	23 34	0 10	9 22
F 5	4 34	10 44	4 12	16 31	2 45	16 27	0 25	24 58	1 48	1 40	1 36	22 39	0 36	23 34	0 10	9 23
S 6	4 57	5 1	3 25	16 56	2 51	16 51	0 28	25 0	1 48	1 37	1 36	22 39	0 36	23 34	0 10	9 24
S 7	5 20	1n 3	2 26	17 20	2 57	17 15	0 31	25 2	1 48	1 34	1 36	22 39	0 36	23 34	0 10	9 24
M 8	5 42	7 13	1 18	17 42	3 2	17 39	0 34	25 4	1 48	1 31	1 36	22 39	0 36	23 34	0 10	9 25
T 9	6 5	13 9	0 4	18 3	3 7	18 2	0 37	25 6	1 48	1 28	1 36	22 39	0 36	23 34	0 10	9 26
W10	6 28	18 33	1n11	18 22	3 11	18 25	0 40	25 7	1 47	1 25	1 36	22 39	0 35	23 34	0 10	9 27
T 11	6 51	23 2	2 23	18 39	3 15	18 47	0 43	25 8	1 47	1 22	1 36	22 39	0 35	23 34	0 10	9 27
F 12	7 13	26 11	3 27	18 55	3 18	19 9	0 47	25 9	1 47	1 19	1 36	22 39	0 35	23 34	0 10	9 28
S 13	7 36	27 43	4 19	19 8	3 21	19 30	0 50	25 10	1 47	1 16	1 36	22 39	0 35	23 34	0 10	9 29
S 14	7 58	27 26	4 55	19 19	3 22	19 51	0 53	25 10	1 47	1 13	1 36	22 39	0 35	23 34	0 10	9 30
M15	8 20	25 22	5 14	19 28	3 23	20 11	0 56	25 11	1 46	1 10	1 36	22 39	0 35	23 34	0 10	9 31
T 16	8 42	21 44	5 13	19 34	3 24	20 31	0 59	25 11	1 46	1 7	1 36	22 39	0 35	23 34	0 10	9 31
W17	9 4	16 51	4 53	19 37	3 23	20 50	1 2	25 10	1 46	1 4	1 36	22 39	0 35	23 34	0 10	9 32
T 18	9 26	11 7	4 16	19 37	3 21	21 9	1 5	25 10	1 46	1 2	1 36	22 39	0 34	23 35	0 10	9 33
F 19	9 48	4 53	3 25	19 34	3 17	21 27	1 8	25 9	1 46	0 59	1 35	22 39	0 34	23 35	0 10	9 34
S 20	10 9	1s29	2 22	19 27	3 13	21 45	1 11	25 8	1 45	0 56	1 35	22 39	0 34	23 35	0 10	9 35
S 21	10 31	7 41	1 12	19 17	3 7	22 2	1 14	25 7	1 45	0 53	1 35	22 39	0 34	23 35	0 10	9 35
M22	10 52	13 27	0s 0	19 2	2 59	22 18	1 17	25 5	1 45	0 51	1 35	22 39	0 34	23 35	0 10	9 36
T 23	11 13	18 30	1 11	18 44	2 50	22 34	1 20	25 3	1 44	0 48	1 35	22 39	0 34	23 35	0 10	9 37
W24	11 34	22 37	2 17	18 21	2 39	22 50	1 23	25 1	1 44	0 46	1 35	22 38	0 34	23 35	0 10	9 38
T 25	11 55	25 38	3 15	17 53	2 26	23 4	1 26	24 59	1 44	0 43	1 35	22 38	0 34	23 35	0 10	9 38
F 26	12 15	27 23	4 3	17 21	2 11	23 18	1 29	24 57	1 44	0 41	1 34	22 38	0 33	23 35	0 10	9 39
S 27	12 36	27 50	4 40	16 46	1 55	23 32	1 32	24 54	1 43	0 39	1 34	22 38	0 33	23 35	0 10	9 40
S 28	12 56	26 59	5 5	16 7	1 37	23 44	1 34	24 51	1 43	0 37	1 34	22 38	0 33	23 35	0 11	9 41
M29	13 16	24 55	5 16	15 25	1 18	23 57	1 37	24 47	1 43	0 34	1 34	22 38	0 33	23 35	0 11	9 42
T 30	13 36	21 46	5 14	14 41	0 58	24 8	1 40	24 44	1 42	0 32	1 34	22 38	0 33	23 35	0 11	9 42
W31	13s55	17s40	4s58	13s57	0s38	24s19	1s43	24s40	1s42	0n30	1s34	22s38	0n33	23n35	0n11	9s43

Julian Day Number = 2555181.5, Delta T = 269.82 sec
Ecliptic obliquity = 23°24'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°42'23, Lahiri = 27°49'23

ASTRODIENST EPHEMERIS for the year 2283
geocentric

NOVEMBER 2283

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 14	8♑17°04	7♋50	4°R20	16♌41	11♊24	4°R47	7♊56	0°R27	29♊25	20°R59	5♊50	5♊28	22♊8	24°R41	T 1
F 2	2 44 11	9°16'56	20°23	3♑12	17°53	12° 8	4♑42	8° 1	0♊26	29°28	20°R59	5°50	5°25	22°15	24♑39	F 2
S 3	2 48 7	10°16'48	3♑15	2°11	19° 4	12°53	4°37	8° 5	0°25	29°30	20°59	5°50	5°22	22°22	24°37	S 3
S 4	2 52 4	11°16'43	16°29	1°19	20°16	13°37	4°32	8°10	0°23	29°32	20°D59	5°51	5°19	22°29	24°34	S 4
M 5	2 56 0	12°16'40	0♊4	0°37	21°28	14°21	4°27	8°15	0°22	29°34	20°59	5°R51	5°16	22°35	24°32	M 5
T 6	2 59 57	13°16'38	13°59	0° 6	22°39	15° 6	4°22	8°20	0°20	29°36	20°59	5°51	5°13	22°42	24°30	T 6
W 7	3 3 54	14°16'38	28°11	29♊46	23°51	15°50	4°18	8°25	0°19	29°39	20°59	5°51	5° 9	22°49	24°27	W 7
T 8	3 7 50	15°16'40	12♑35	29°D38	25° 3	16°35	4°14	8°30	0°17	29°41	20°59	5°50	5° 6	22°55	24°25	T 8
F 9	3 11 47	16°16'44	27° 6	29°41	26°14	17°20	4° 9	8°35	0°16	29°43	21° 0	5°49	5° 3	23° 2	24°22	F 9
S 10	3 15 43	17°16'51	11♊37	29°56	27°26	18° 5	4° 6	8°41	0°14	29°45	21° 0	5°47	5° 0	23° 9	24°20	S 10
S 11	3 19 40	18°16'59	26° 4	0♑20	28°37	18°49	4° 2	8°46	0°12	29°47	21° 0	5°46	4°57	23°16	24°17	S 11
M12	3 23 36	19°17'10	10♊23	0°53	29°48	19°34	3°58	8°51	0°11	29°49	21° 0	5°45	4°53	23°22	24°14	M12
T 13	3 27 33	20°17'22	24°30	1°36	0♊59	20°19	3°55	8°57	0° 9	29°52	21° 0	5°D45	4°50	23°29	24°11	T 13
W14	3 31 30	21°17'36	8♑24	2°25	2°11	21° 4	3°52	9° 2	0° 7	29°54	21° 1	5°46	4°47	23°36	24° 9	W14
T 15	3 35 26	22°17'53	22° 4	3°22	3°22	21°49	3°49	9° 8	0° 5	29°56	21° 1	5°47	4°44	23°42	24° 6	T 15
F 16	3 39 23	23°18'11	5♊31	4°24	4°33	22°35	3°46	9°13	0° 3	29°58	21° 1	5°48	4°41	23°49	24° 3	F 16
S 17	3 43 19	24°18'31	18°44	5°31	5°44	23°20	3°43	9°19	0° 1	0♑0	21° 2	5°49	4°38	23°56	24° 0	S 17
S 18	3 47 16	25°18'54	1♑45	6°43	6°55	24° 5	3°41	9°24	29♑59	0° 2	21° 2	5°R50	4°34	24° 3	23°57	S 18
M19	3 51 12	26°19'17	14°33	7°58	8° 6	24°50	3°39	9°30	29°57	0° 4	21° 2	5°50	4°31	24° 9	23°54	M19
T 20	3 55 9	27°19'43	27° 9	9°17	9°17	25°36	3°37	9°36	29°55	0° 6	21° 3	5°49	4°28	24°16	23°51	T 20
W21	3 59 5	28°20'11	9♊34	10°38	10°27	26°21	3°35	9°42	29°53	0° 8	21° 3	5°46	4°25	24°23	23°47	W21
T 22	4 3 2	29°20'39	21°47	12° 2	11°38	27° 7	3°34	9°48	29°51	0°10	21° 4	5°42	4°22	24°30	23°44	T 22
F 23	4 6 59	0♊21'10	3♊52	13°28	12°49	27°52	3°32	9°54	29°49	0°12	21° 4	5°38	4°19	24°36	23°41	F 23
S 24	4 10 55	1°21'42	15°49	14°55	13°59	28°38	3°31	10° 0	29°47	0°14	21° 5	5°34	4°15	24°43	23°38	S 24
S 25	4 14 52	2°22'15	27°42	16°24	15°10	29°24	3°30	10° 6	29°45	0°16	21° 5	5°29	4°12	24°50	23°34	S 25
M26	4 18 48	3°22'49	9♊33	17°53	16°20	0♊9	3°30	10°12	29°43	0°18	21° 6	5°26	4° 9	24°56	23°31	M26
T 27	4 22 45	4°23'25	21°26	19°24	17°30	0°55	3°29	10°18	29°40	0°20	21° 6	5°24	4° 6	25° 3	23°28	T 27
W28	4 26 41	5°24'01	3♋27	20°55	18°40	1°41	3°29	10°24	29°38	0°22	21° 7	5°D23	4° 3	25°10	23°24	W28
T 29	4 30 38	6°24'39	15°40	22°27	19°50	2°27	3°D29	10°30	29°36	0°24	21° 8	5°23	3°59	25°17	23°21	T 29
F 30	4 34 34	7♊25'18	28♋9	23♑59	21♊0	3♊12	3♑29	10♊37	29♑34	0♑26	21♊8	5♊25	3♊56	25♊23	23♑17	F 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s15	12s47	4s29	13s13	0s17	24s29	1s45	24s36	1s41	0n28	1s33	22s37	0n33	23n35	0n11	9s44	1n38	22s24	8s22	13n27	13n20	26s32	17n18	6s 0	
F 2	14 34	7 16	3 46	12 30	0n 4	24 38	1 48	24 32	1 41	0 26	1 33	22 37	0 33	23 35	0 11	9 45	1 38	22 23	8 22	13 27	13 19	26 31	17 18	6 0	
S 3	14 53	1 19	2 51	11 51	0 23	24 47	1 50	24 27	1 41	0 24	1 33	22 37	0 32	23 35	0 11	9 45	1 38	22 23	8 22	13 27	13 18	26 30	17 17	6 1	
S 4	15 12	4n51	1 45	11 16	0 42	24 55	1 53	24 22	1 40	0 23	1 33	22 37	0 32	23 35	0 11	9 46	1 38	22 23	8 22	13 27	13 16	26 29	17 17	6 1	
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T 6	15 48	16 44	0n45	10 19	1 15	25 9	1 57	24 12	1 39	0 19	1 32	22 37	0 32	23 35	0 11	9 48	1 38	22 23	8 21	13 27	13 14	26 27	17 16	6 2	
W 7	16 6	21 41	2 1	10 0	1 28	25 15	2 0	24 6	1 39	0 18	1 32	22 36	0 32	23 35	0 11	9 48	1 38	22 23	8 21	13 27	13 13	26 26	17 15	6 2	
T 8	16 24	25 24	3 10	9 46	1 40	25 20	2 2	24 0	1 39	0 16	1 32	22 36	0 32	23 35	0 11	9 49	1 38	22 22	8 21	13 27	13 12	26 25	17 15	6 3	
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M19	19 18	16 57	0s48	12 5	2 11	25 30	2 21	22 40	1 33	0 5	1 29	22 33	0 31	23 35	0 11	9 57	1 38	22 20	8 19	13 27	13 1	26 14	17 9	6 7	
T 20	19 32	21 21	1 55	12 33	2 8	25 27	2 23	22 31	1 33	0 5	1 29	22 33	0 31	23 35	0 11	9 58	1 38	22 20	8 19	13 26	12 59	26 13	17 9	6 7	
W21	19 46	24 44	2 55	13 2	2 4	25 23	2 24	22 22	1 32	0 4	1 29	22 33	0 30	23 35	0 11	9 58	1 38	22 19	8 19	13 26	12 58	26 12	17 8	6 8	
T 22	19 59	26 55	3 46	13 32	1 59	25 18	2 25	22 13	1 32	0 4	1 28	22 32	0 30	23 35	0 11	9 59	1 38	22 19	8 19	13 24	12 57	26 11	17 8	6 8	
F 23	20 12	27 47	4 26	14 3	1 54	25 12	2 26	22 3	1 31	0 3	1 28	22 32	0 30	23 35	0 11	10 0	1 38	22 19	8 19	13 23	12 56	26 10	17 7	6 8	
S 24	20 24	27 21	4 55	14 34	1 48	25 6	2 27	21 53	1 31	0 3	1 28	22 32	0 30	23 35	0 11	10 0	1 38	22 18	8 18	13 21	12 55	26 8	17 7	6 8	
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M26	20 48	22 51	5 12	15 36	1 37	24 52	2 28	21 33	1 30	0 3	1 27	22 31	0 30	23 35	0 11	10 2	1 38	22 18	8 18	13 19	12 53	26 6	17 6	6 9	
T 27	20 59	19 5	5 1	16 6	1 30	24 43	2 29	21 22	1 29	0 3	1 27	22 31	0 30	23 35	0 11	10 2	1 38	22 17	8 18	13 18	12 52	26 5	17 6	6 9	
W28	21 10	14 31	4 36	16 37	1 24	24 34	2 29	21 12	1 29	0 3	1 27	22 30	0 30	23 35	0 11	10 3	1 38	22 17	8 18	13 18	12 51	26 4	17 5	6 9	
T 29	21 21	9 19	3 59	17 7	1 17	24 25	2 30	21 1	1 28	0 4	1 26	22 30	0 30	23 35	0 11	10 4	1 38	22 17	8 18	13 18	12 50	26 3	17 5	6 10	
F 30	21s31	3s38	3s10	17s37	1n10	24s14	2s30	20s50	1s27	0n 4	1s26	22s29	0n30	23n35	0n11	10s 4	1n38	22s16	8s17	13n18	12n49	26s 2	17n 5	6s10	

ASTRODIENST EPHEMERIS for the year 2283

geocentric

DECEMBER 2283

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 31	8♂25'58	10♀59	25♂32	22♂10	3♂58	3♀29	10♂43	29°R31	0♂28	21♂9	5♂26	3♂53	25♂30	23°R14	S 1
S 2	4 42 28	9°26'39	24°13	27° 5	23°20	4°44	3°30	10°49	29II29	0°30	21°10	5°28	3°50	25°37	23II10	S 2
M 3	4 46 24	10°27'21	7♂55	28°38	24°29	5°30	3°31	10°56	29°27	0°31	21°11	5°R28	3°47	25°43	23° 7	M 3
T 4	4 50 21	11°28'05	22° 2	0♂12	25°39	6°16	3°31	11° 2	29°24	0°33	21°11	5°27	3°44	25°50	23° 3	T 4
W 5	4 54 17	12°28'49	6II33	1°45	26°48	7° 2	3°33	11° 9	29°22	0°35	21°12	5°24	3°40	25°57	22°59	W 5
T 6	4 58 14	13°29'35	21°22	3°19	27°58	7°49	3°34	11°15	29°19	0°37	21°13	5°20	3°37	26° 4	22°56	T 6
F 7	5 2 10	14°30'22	6♂21	4°52	29° 7	8°35	3°36	11°22	29°17	0°38	21°14	5°14	3°34	26°10	22°52	F 7
S 8	5 6 7	15°31'11	21°21	6°26	0♂16	9°21	3°37	11°28	29°14	0°40	21°15	5° 7	3°31	26°17	22°49	S 8
S 9	5 10 3	16°32'00	6♂12	8° 0	1°24	10° 7	3°39	11°35	29°12	0°42	21°16	5° 2	3°28	26°24	22°45	S 9
M10	5 14 0	17°32'51	20°48	9°33	2°33	10°53	3°42	11°42	29° 9	0°44	21°17	4°57	3°25	26°31	22°41	M10
T 11	5 17 57	18°33'43	5II4	11° 7	3°42	11°39	3°44	11°48	29° 7	0°45	21°18	4°54	3°21	26°37	22°38	T 11
W12	5 21 53	19°34'37	18°58	12°41	4°50	12°26	3°47	11°55	29° 4	0°47	21°19	4°D53	3°18	26°44	22°34	W12
T 13	5 25 50	20°35'32	2♂31	14°15	5°58	13°12	3°49	12° 2	29° 2	0°48	21°20	4°54	3°15	26°51	22°30	T 13
F 14	5 29 46	21°36'28	15°43	15°49	7° 6	13°58	3°52	12° 9	28°59	0°50	21°21	4°55	3°12	26°57	22°26	F 14
S 15	5 33 43	22°37'25	28°38	17°22	8°14	14°45	3°55	12°15	28°57	0°52	21°22	4°R56	3° 9	27° 4	22°23	S 15
S 16	5 37 39	23°38'23	11II19	18°56	9°22	15°31	3°59	12°22	28°54	0°53	21°23	4°56	3° 5	27°11	22°19	S 16
M17	5 41 36	24°39'23	23°48	20°30	10°30	16°17	4° 2	12°29	28°52	0°55	21°24	4°54	3° 2	27°18	22°15	M17
T 18	5 45 32	25°40'23	6♂7	22° 4	11°37	17° 4	4° 6	12°36	28°49	0°56	21°25	4°50	2°59	27°24	22°12	T 18
W19	5 49 29	26°41'25	18°18	23°38	12°44	17°50	4°10	12°43	28°47	0°58	21°26	4°43	2°56	27°31	22° 8	W19
T 20	5 53 26	27°42'27	0♂22	25°13	13°51	18°37	4°14	12°50	28°44	0°59	21°27	4°34	2°53	27°38	22° 4	T 20
F 21	5 57 22	28°43'30	12°21	26°47	14°58	19°23	4°19	12°57	28°41	1° 0	21°29	4°23	2°50	27°45	22° 1	F 21
S 22	6 1 19	29°44'34	24°15	28°21	16° 5	20°10	4°23	13° 4	28°39	1° 2	21°30	4°11	2°46	27°51	21°57	S 22
S 23	6 5 15	0♂45'38	6♂7	29°56	17°11	20°56	4°28	13°11	28°36	1° 3	21°31	4° 0	2°43	27°58	21°53	S 23
M24	6 9 12	1°46'43	17°58	1♂30	18°17	21°43	4°33	13°18	28°34	1° 4	21°32	3°51	2°40	28° 5	21°50	M24
T 25	6 13 8	2°47'47	29°51	3° 5	19°23	22°30	4°38	13°25	28°31	1° 6	21°34	3°43	2°37	28°11	21°46	T 25
W26	6 17 5	3°48'53	11♂49	4°40	20°29	23°16	4°43	13°32	28°29	1° 7	21°35	3°38	2°34	28°18	21°42	W26
T 27	6 21 2	4°49'58	23°58	6°16	21°34	24° 3	4°49	13°39	28°26	1° 8	21°36	3°35	2°31	28°25	21°39	T 27
F 28	6 24 58	5°51'04	6♀21	7°51	22°39	24°49	4°54	13°46	28°24	1° 9	21°37	3°D34	2°27	28°32	21°35	F 28
S 29	6 28 55	6°52'10	19° 3	9°27	23°44	25°36	5° 0	13°53	28°21	1°11	21°39	3°35	2°24	28°38	21°32	S 29
S 30	6 32 51	7°53'16	2♂10	11° 3	24°49	26°22	5° 6	14° 0	28°19	1°12	21°40	3°R35	2°21	28°45	21°28	S 30
M31	6 36 48	8♂54'22	15♂45	12♂39	25♂53	27♂9	5♀12	14♂7	28II16	1♂13	21♂42	3♂35	2♂18	28♂52	21II25	M31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21s41	2n21	2s10	18s 6	1n 3	24s 3	2s30	20s38	1s27	0n 4	1s26	22s29	0n29	23n35	0n11	10s 5	1n38	22s16	8s17	13n19	12n48	26s 1	17n 4	6s10	
S 2	21 50	8 26	1 1	18 34	0 56	23 52	2 30	20 27	1 26	0 5	1 26	22 29	0 29	23 35	0 11	10 6	1 38	22 15	8 17	13 19	12 47	25 59	17 4	6 10	
M 3	21 59	14 20	0n13	19 2	0 49	23 39	2 30	20 15	1 26	0 5	1 25	22 28	0 29	23 35	0 11	10 6	1 38	22 15	8 17	13 20	12 46	25 58	17 3	6 11	
T 4	22 7	19 41	1 29	19 29	0 42	23 26	2 30	20 3	1 25	0 6	1 25	22 28	0 29	23 35	0 11	10 7	1 38	22 15	8 17	13 19	12 44	25 57	17 3	6 11	
W 5	22 16	24 1	2 41	19 55	0 35	23 13	2 30	19 51	1 24	0 7	1 25	22 27	0 29	23 35	0 11	10 7	1 38	22 14	8 17	13 18	12 43	25 56	17 3	6 11	
T 6	22 23	26 50	3 43	20 20	0 28	22 59	2 29	19 38	1 24	0 7	1 24	22 27	0 29	23 35	0 11	10 8	1 38	22 14	8 17	13 17	12 42	25 55	17 2	6 11	
F 7	22 30	27 46	4 31	20 44	0 21	22 44	2 29	19 26	1 23	0 8	1 24	22 26	0 29	23 35	0 11	10 8	1 39	22 13	8 16	13 15	12 41	25 54	17 2	6 11	
S 8	22 37	26 39	5 0	21 8	0 14	22 29	2 28	19 13	1 23	0 9	1 24	22 26	0 29	23 35	0 11	10 9	1 39	22 13	8 16	13 13	12 40	25 52	17 2	6 12	
S 9	22 43	23 41	5 9	21 30	0 7	22 13	2 27	19 0	1 22	0 10	1 24	22 25	0 29	23 35	0 11	10 10	1 39	22 12	8 16	13 11	12 39	25 51	17 1	6 12	
M10	22 49	19 14	4 58	21 52	0s 0	21 56	2 27	18 47	1 21	0 11	1 23	22 25	0 29	23 35	0 11	10 10	1 39	22 12	8 16	13 9	12 38	25 50	17 1	6 12	
T 11	22 55	13 47	4 28	22 12	0 7	21 39	2 26	18 33	1 21	0 13	1 23	22 24	0 29	23 35	0 11	10 11	1 39	22 12	8 16	13 8	12 37	25 49	17 1	6 12	
W12	23 0	7 46	3 43	22 31	0 14	21 22	2 24	18 20	1 20	0 14	1 23	22 24	0 29	23 35	0 11	10 11	1 39	22 11	8 16	13 8	12 36	25 48	17 0	6 12	
T 13	23 4	1 33	2 46	22 49	0 21	21 4	2 23	18 6	1 19	0 15	1 23	22 23	0 28	23 35	0 11	10 12	1 39	22 11	8 16	13 8	12 35	25 46	17 0	6 12	
F 14	23 8	4s37	1 42	23 6	0 27	20 45	2 22	17 52	1 19	0 17	1 22	22 23	0 28	23 35	0 11	10 12	1 39	22 10	8 16	13 9	12 34	25 45	17 0	6 12	
S 15	23 12	10 27	0 34	23 22	0 34	20 26	2 20	17 38	1 18	0 18	1 22	22 22	0 28	23 35	0 11	10 13	1 39	22 10	8 15	13 9	12 33	25 44	16 59	6 12	
S 16	23 15	15 45	0s34	23 37	0 40	20 6	2 18	17 23	1 17	0 20	1 22	22 22	0 28	23 35	0 11	10 13	1 39	22 9	8 15	13 9	12 32	25 43	16 59	6 13	
M17	23 18	20 18	1 40	23 50	0 47	19 46	2 17	17 9	1 17	0 21	1 21	22 21	0 28	23 35	0 11	10 14	1 39	22 9	8 15	13 8	12 30	25 41	16 59	6 13	
T 18	23 20	23 55	2 39	24 3	0 53	19 26	2 15	16 54	1 16	0 23	1 21	22 21	0 28	23 35	0 11	10 14	1 39	22 8	8 15	13 7	12 29	25 40	16 58	6 13	
W19	23 22	26 24	3 31	24 14	0 59	19 5	2 13	16 39	1 15	0 25	1 21	22 20	0 28	23 35	0 11	10 15	1 39	22 8	8 15	13 4	12 28	25 39	16 58	6 13	
T 20	23 23	27 37	4 12	24 23	1 4	18 44	2 10	16 24	1 15	0 27	1 21	22 19	0 28	23 35	0 11	10 15	1 39	22 7	8 15	13 1	12 27	25 37	16 58	6 13	
F 21	23 24	27 31	4 42	24 32	1 10	18 22	2 8	16 9	1 14	0 29	1 20	22 19	0 28	23 35	0 11	10 15	1 39	22 7	8 15	12 58	12 26	25 36	16 58	6 13	
S 22	23 24	26 9	5 0	24 39	1 15	17 59	2 6	15 54	1 13	0 31	1 20	22 18	0 28	23 35	0 11	10 16	1 39	22 6	8 15	12 54	12 25	25 35	16 57	6 13	
S 23	23 24	23 37	5 4	24 45	1 21	17 37	2 3	15 38	1 13	0 33	1 20	22 18	0 28	23 35	0 11	10 16	1 39	22 6	8 14	12 50	12 24	25 34	16 57	6 13	
M24	23 24	20 6	4 55	24 49	1 26	17 14	2 0	15 23	1 12	0 35	1 19	22 17	0 28	23 35	0 11	10 17	1 39	22 5	8 14	12 47	12 23	25 32	16 57	6 13	
T 25	23 23	15 46	4 33	24 53	1 30	16 50	1 57	15 7	1 11	0 38	1 19	22 16	0 27	23 35	0 11	10 17	1 39	22 5	8 14	12 44	12 22	25 31	16 57	6 13	
W26	23 21	10 49	4 0	24 54	1 35	16 27	1 54	14 51	1 10	0 40	1 19	22 16	0 27	23 35	0 11	10 17	1 39	22 4	8 14	12 42	12 21	25 30	16 57	6 13	
T 27	23 19	5 23	3 15	24 55	1 39	16 3	1 51	14 35	1 10	0 42	1 19	22 15	0 27	23 35	0 11	10 18	1 39	22 4	8 14	12 42	12 20	25 28	16 56	6 13	
F 28	23 17	0n22	2 20	24 54	1 44	15 38	1 47	14 19	1 9	0 45	1 18	22 15	0 27	23 35	0 11	10 18	1 40	22 3	8 14	12 41	12 18	25 27	16 56	6 13	
S 29	23 14	6 16	1 17	24 51	1 47	15 13	1 44	14 2	1 8	0 47	1 18	22 14	0 27	23 35	0 11	10 19	1 40	22 3	8 14	12 41	12 17	25 26	16 56	6 13	
S 30	23 10	12 6	0 8	24 47	1 51	14 48	1 40	13 46	1 7	0 50	1 18	22 13	0 27	23 35	0 11	10 19	1 40	22 2	8 14	12 42	12 16	25 24	16 56	6 13	
M31	23s 6	17n33	1n 4	24s42	1s54	14s23	1s36	13s29	1s 7	0n53	1s18	22s13	0n27	23n35	0n11	10s19	1n40	22s 2	8s14	12n41	12n15	25s23	16m56	6s13	