



Astrodienst Ephemeris Tables for the year 2263

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 2263
geocentric

JANUARY 2263

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	6 41 4	10 ³ 1'10	12 ¹¹ 53	29 ²⁷ 31	14 ²² 2	15 ²⁸ 13	16 ¹⁸ 4	16 ¹⁷ 30	0 ¹⁷ 26	15 ¹⁸ 37	16 ²³ 35	19 ¹⁹ 23	18 ¹¹ 24	14 ¹¹ 31	16 ¹⁶ 24	T 1
F 2	6 45 1	11 ⁰ 2'17	24 ⁴⁵	1 ³ 4	15 ¹⁵	15 ⁵⁹	15 ⁵⁵	16 ³²	0 ²⁷	15 ¹¹ 36	16 ³⁷	19 ¹¹ 21	18 ²¹	14 ³⁸	16 ²⁶	F 2
S 3	6 48 57	12 ⁰ 3'25	6 ² 38	2 ⁰ 36	16 ²⁹	16 ⁴⁵	15 ⁴⁷	16 ³³	0 ²⁸	15 ³⁶	16 ³⁹	19 ¹⁹	18 ¹⁷	14 ⁴⁴	16 ²⁹	S 3
S 4	6 52 54	13 ⁰ 4'33	18 ³⁸	4 ⁰ 9	17 ⁴²	17 ³¹	15 ³⁹	16 ³⁵	0 ³⁰	15 ³⁵	16 ⁴¹	19 ¹⁹ 19	18 ¹⁴	14 ⁵¹	16 ³¹	S 4
M 5	6 56 50	14 ⁰ 5'42	0 ¹¹ 48	5 ⁴²	18 ⁵⁶	18 ¹⁷	15 ³¹	16 ³⁷	0 ³¹	15 ³⁵	16 ⁴³	19 ²⁰	18 ¹¹	14 ⁵⁸	16 ³³	M 5
T 6	7 0 47	15 ⁰ 6'51	13 ¹⁵	7 ¹⁶	20 ⁰ 9	19 ⁰ 4	15 ²³	16 ³⁸	0 ³²	15 ³⁴	16 ⁴⁵	19 ²²	18 ⁰ 8	15 ⁰ 5	16 ³⁵	T 6
W 7	7 4 43	16 ⁰ 8'00	26 ⁰ 1	8 ⁵⁰	21 ²²	19 ⁵⁰	15 ¹⁵	16 ⁴⁰	0 ³⁴	15 ³³	16 ⁴⁷	19 ²⁴	18 ⁰ 5	15 ¹¹	16 ³⁸	W 7
T 8	7 8 40	17 ⁰ 9'10	9 ²¹ 10	10 ²⁴	22 ³⁶	20 ³⁶	15 ⁰ 7	16 ⁴²	0 ³⁵	15 ³³	16 ⁴⁹	19 ²⁵	18 ⁰ 1	15 ¹⁸	16 ⁴⁰	T 8
F 9	7 12 36	18 ⁰ 10'20	22 ⁴⁵	11 ⁵⁹	23 ⁴⁹	21 ²²	14 ⁵⁹	16 ⁴⁵	0 ³⁷	15 ³²	16 ⁵¹	19 ¹⁹ 25	17 ⁵⁸	15 ²⁵	16 ⁴²	F 9
S 10	7 16 33	19 ⁰ 11'30	6 ³ 43	13 ³³	25 ⁰ 2	22 ⁰ 9	14 ⁵¹	16 ⁴⁷	0 ³⁸	15 ³¹	16 ⁵³	19 ²⁴	17 ⁵⁵	15 ³²	16 ⁴⁵	S 10
S 11	7 20 30	20 ⁰ 12'40	21 ⁰ 3	15 ⁰ 9	26 ¹⁵	22 ⁵⁵	14 ⁴²	16 ⁴⁹	0 ⁴⁰	15 ³⁰	16 ⁵⁶	19 ²²	17 ⁵²	15 ³⁸	16 ⁴⁷	S 11
M 12	7 24 26	21 ⁰ 13'51	5 ² 39	16 ⁴⁴	27 ²⁹	23 ⁴¹	14 ³⁴	16 ⁵²	0 ⁴¹	15 ³⁰	16 ⁵⁸	19 ¹⁸	17 ⁴⁹	15 ⁴⁵	16 ⁵⁰	M 12
T 13	7 28 23	22 ⁰ 15'00	20 ²⁴	18 ²⁰	28 ⁴²	24 ²⁸	14 ²⁶	16 ⁵⁴	0 ⁴³	15 ²⁹	17 ⁰ 0	19 ¹³	17 ⁴⁶	15 ⁵²	16 ⁵³	T 13
W 14	7 32 19	23 ⁰ 16'10	5 ¹¹ 11	19 ⁵⁷	29 ⁵⁵	25 ¹⁴	14 ¹⁹	16 ⁵⁷	0 ⁴⁵	15 ²⁸	17 ⁰ 2	19 ⁰ 7	17 ⁴²	15 ⁵⁸	16 ⁵⁵	W 14
T 15	7 36 16	24 ⁰ 17'19	19 ⁵²	21 ³⁴	1 ¹¹ 8	26 ⁰ 1	14 ¹¹	17 ⁰ 0	0 ⁴⁶	15 ²⁷	17 ⁰ 4	19 ⁰ 3	17 ³⁹	16 ⁰ 5	16 ⁵⁸	T 15
F 16	7 40 12	25 ⁰ 18'27	4 ¹⁷ 21	23 ¹¹	2 ²¹	26 ⁴⁷	14 ⁰ 3	17 ⁰ 3	0 ⁴⁸	15 ²⁶	17 ⁰ 6	18 ⁵⁹	17 ³⁶	16 ¹²	17 ⁰ 1	F 16
S 17	7 44 9	26 ⁰ 19'35	18 ³⁴	24 ⁴⁹	3 ³³	27 ³⁴	13 ⁵⁵	17 ⁰ 6	0 ⁵⁰	15 ²⁵	17 ⁰ 8	18 ⁵⁷	17 ³³	16 ¹⁹	17 ⁰ 4	S 17
S 18	7 48 5	27 ⁰ 20'42	2 ⁸ 29	26 ²⁷	4 ⁴⁶	28 ²⁰	13 ⁴⁷	17 ⁰ 9	0 ⁵²	15 ²⁴	17 ¹⁰	18 ⁵⁷ 57	17 ³⁰	16 ²⁵	17 ⁰ 6	S 18
M 19	7 52 2	28 ⁰ 21'48	16 ⁰ 6	28 ⁰ 6	5 ⁵⁹	29 ⁰ 7	13 ⁴⁰	17 ¹²	0 ⁵⁴	15 ²³	17 ¹²	18 ⁵⁸	17 ²⁷	16 ³²	17 ⁰ 9	M 19
T 20	7 55 59	29 ⁰ 22'54	29 ²⁶	29 ⁴⁵	7 ¹²	29 ⁵³	13 ³²	17 ¹⁵	0 ⁵⁶	15 ²²	17 ¹⁴	19 ⁰ 0	17 ²³	16 ³⁹	17 ¹²	T 20
W 21	7 59 55	0 ² 23'59	12 ¹¹ 31	1 ²² 5	8 ²⁴	0 ² 40	13 ²⁵	17 ¹⁹	0 ⁵⁸	15 ²¹	17 ¹⁶	19 ¹ 1	17 ²⁰	16 ⁴⁶	17 ¹⁵	W 21
T 22	8 3 52	1 ⁰ 25'04	25 ²⁴	3 ⁰ 5	9 ³⁷	1 ²⁷	13 ¹⁷	17 ²²	1 ⁰ 0	15 ²⁰	17 ¹⁸	19 ⁰ 1	17 ¹⁷	16 ⁵²	17 ¹⁸	T 22
F 23	8 7 48	2 ⁰ 26'08	8 ² 4	4 ⁴⁶	10 ⁴⁹	2 ¹³	13 ¹⁰	17 ²⁶	1 ⁰ 2	15 ¹⁹	17 ²⁰	18 ⁵⁹	17 ¹⁴	16 ⁵⁹	17 ²¹	F 23
S 24	8 11 45	3 ⁰ 27'11	20 ³⁵	6 ²⁷	12 ⁰ 1	3 ⁰ 0	13 ⁰ 3	17 ²⁹	1 ⁰ 4	15 ¹⁸	17 ²²	18 ⁵⁵	17 ¹¹	17 ⁰ 6	17 ²⁴	S 24
S 25	8 15 41	4 ⁰ 28'14	2 ⁸ 55	8 ⁰ 9	13 ¹³	3 ⁴⁷	12 ⁵⁶	17 ³³	1 ⁰ 7	15 ¹⁷	17 ²⁴	18 ⁴⁹	17 ⁰ 7	17 ¹²	17 ²⁷	S 25
M 26	8 19 38	5 ⁰ 29'15	15 ⁰ 8	9 ⁵¹	14 ²⁶	4 ³⁴	12 ⁴⁹	17 ³⁷	1 ⁰ 9	15 ¹⁶	17 ²⁶	18 ⁴⁰	17 ⁰ 4	17 ¹⁹	17 ³⁰	M 26
T 27	8 23 35	6 ⁰ 30'17	27 ¹²	11 ³⁴	15 ³⁸	5 ²¹	12 ⁴²	17 ⁴¹	1 ⁰ 11	15 ¹⁴	17 ²⁸	18 ³¹	17 ⁰ 1	17 ²⁶	17 ³⁴	T 27
W 28	8 27 31	7 ⁰ 31'17	9 ¹¹ 10	13 ¹⁷	16 ⁵⁰	6 ⁰ 7	12 ³⁵	17 ⁴⁵	1 ⁰ 13	15 ¹³	17 ³⁰	18 ²¹	16 ⁵⁸	17 ³³	17 ³⁷	W 28
T 29	8 31 28	8 ⁰ 32'17	21 ⁰ 4	15 ⁰ 1	18 ⁰ 2	6 ⁵⁴	12 ²⁸	17 ⁴⁹	1 ⁰ 16	15 ¹²	17 ³²	18 ¹²	16 ⁵⁵	17 ³⁹	17 ⁴⁰	T 29
F 30	8 35 24	9 ⁰ 33'16	2 ² 55	16 ⁴⁵	19 ¹³	7 ⁴¹	12 ²²	17 ⁵³	1 ⁰ 18	15 ¹¹	17 ³⁴	18 ⁰ 4	16 ⁵²	17 ⁴⁶	17 ⁴³	F 30
S 31	8 39 21	10 ⁰ 34'15	14 ² 47	18 ²⁹	20 ¹¹ 25	8 ²⁸	12 ²² 16	17 ⁵⁷	1 ⁰ 21	15 ¹¹ 9	17 ³⁶	17 ¹¹ 58	16 ¹¹ 48	17 ¹¹ 53	17 ¹¹ 47	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	11n31	5n13	24s 1	0s37	18s22	1s51	23s27	0s55	22n29	0n 3	4n 9	2s31	0s30	0s44	6n28	0n52	20s17	2n 7	22n59	22n54	10n49	1s15	4n28
F 2	22 57	6 53	5 13	24 7	0 43	18 0	1 51	23 22	0 56	22 30	0 3	4 10	2 31	0 30	0 44	6 28	0 52	20 17	2 7	22 59	22 54	10 47	1 14	4 27
S 3	22 52	1 58	5 0	24 12	0 50	17 38	1 51	23 17	0 56	22 32	0 3	4 11	2 31	0 29	0 44	6 28	0 52	20 17	2 6	22 59	22 53	10 44	1 14	4 27
S 4	22 46	3s 3	4 35	24 16	0 56	17 15	1 50	23 11	0 56	22 33	0 3	4 12	2 30	0 29	0 44	6 28	0 52	20 17	2 6	22 59	22 53	10 42	1 13	4 27
M 5	22 40	8 3	3 56	24 19	1 2	16 52	1 49	23 6	0 57	22 34	0 3	4 13	2 30	0 28	0 44	6 29	0 52	20 16	2 6	22 59	22 53	10 39	1 12	4 26
T 6	22 33	12 50	3 6	24 20	1 7	16 28	1 49	23 0	0 57	22 35	0 4	4 14	2 30	0 27	0 44	6 29	0 52	20 16	2 6	22 59	22 53	10 36	1 12	4 26
W 7	22 26	17 12	2 5	24 19	1 13	16 4	1 48	22 53	0 57	22 36	0 4	4 14	2 29	0 27	0 44	6 29	0 52	20 16	2 6	22 59	22 52	10 34	1 11	4 26
T 8	22 18	20 52	0 56	24 18	1 18	15 39	1 47	22 47	0 58	22 37	0 4	4 16	2 29	0 26	0 44	6 30	0 52	20 16	2 6	22 59	22 52	10 31	1 11	4 25
F 9	22 10	23 31	0s18	24 15	1 23	15 14	1 46	22 40	0 58	22 38	0 4	4 17	2 29	0 26	0 44	6 30	0 52	20 16	2 6	22 59	22 52	10 29	1 10	4 25
S 10	22 2	24 47	1 33	24 11	1 28	14 48	1 45	22 33	0 58	22 39	0 4	4 18	2 29	0 25	0 44	6 30	0 52	20 16	2 6	22 59	22 51	10 26	1 9	4 25
S 11	21 53	24 28	2 44	24 5	1 33	14 22	1 44	22 25	0 59	22 40	0 4	4 19	2 28	0 24	0 44	6 30	0 52	20 15	2 6	22 59	22 51	10 24	1 9	4 25
M12	21 44	22 29	3 46	23 58	1 37	13 56	1 43	22 18	0 59	22 41	0 4	4 20	2 28	0 24	0 44	6 31	0 52	20 15	2 6	22 58	22 51	10 21	1 8	4 24
T 13	21 34	18 59	4 33	23 49	1 41	13 30	1 41	22 10	0 59	22 42	0 5	4 21	2 28	0 23	0 44	6 31	0 52	20 15	2 6	22 58	22 51	10 18	1 7	4 24
W14	21 24	14 17	5 2	23 39	1 45	13 3	1 40	22 2	0 59	22 43	0 5	4 23	2 28	0 22	0 44	6 32	0 52	20 15	2 5	22 58	22 50	10 16	1 6	4 24
T 15	21 14	8 46	5 11	23 28	1 49	12 35	1 38	21 54	1 0	22 44	0 5	4 24	2 27	0 21	0 43	6 32	0 52	20 15	2 5	22 57	22 50	10 13	1 5	4 24
F 16	21 3	2 52	5 0	23 15	1 52	12 8	1 37	21 45	1 0	22 45	0 5	4 25	2 27	0 21	0 43	6 32	0 52	20 15	2 5	22 57	22 50	10 11	1 5	4 23
S 17	20 51	3n 5	4 31	23 1	1 55	11 40	1 35	21 36	1 0	22 46	0 5	4 27	2 27	0 20	0 43	6 33	0 52	20 14	2 5	22 57	22 49	10 8	1 4	4 23
S 18	20 40	8 46	3 46	22 45	1 57	11 12	1 33	21 27	1 0	22 47	0 5	4 28	2 27	0 19	0 43	6 33	0 52	20 14	2 5	22 57	22 49	10 5	1 3	4 23
M19	20 28	13 56	2 49	22 28	2 0	10 43	1 31	21 18	1 1	22 48	0 5	4 29	2 26	0 18	0 43	6 34	0 53	20 14	2 5	22 57	22 49	10 3	1 2	4 22
T 20	20 15	18 18	1 44	22 9	2 2	10 14	1 29	21 8	1 1	22 49	0 5	4 31	2 26	0 18	0 43	6 34	0 53	20 14	2 5	22 57	22 49	10 0	1 1	4 22
W21	20 2	21 41	0 35	21 49	2 3	9 45	1 27	20 58	1 1	22 49	0 6	4 32	2 26	0 17	0 43	6 34	0 53	20 14	2 5	22 57	22 48	9 57	1 0	4 22
T 22	19 49	23 54	0n34	21 28	2 5	9 16	1 25	20 48	1 1	22 50	0 6	4 34	2 26	0 16	0 43	6 35	0 53	20 14	2 5	22 57	22 48	9 55	0 59	4 22
F 23	19 35	24 51	1 41	21 4	2 5	8 47	1 23	20 38	1 2	22 51	0 6	4 36	2 25	0 15	0 43	6 35	0 53	20 13	2 5	22 57	22 48	9 52	0 58	4 21
S 24	19 21	24 30	2 42	20 40	2 6	8 17	1 21	20 28	1 2	22 52	0 6	4 37	2 25	0 14	0 43	6 36	0 53	20 13	2 5	22 57	22 47	9 50	0 57	4 21
S 25	19 7	22 57	3 34	20 14	2 6	7 47	1 18	20 17	1 2	22 53	0 6	4 39	2 25	0 13	0 43	6 36	0 53	20 13	2 5	22 56	22 47	9 47	0 56	4 21
M26	18 52	20 21	4 16	19 46	2 5	7 17	1 16	20 6	1 2	22 54	0 6	4 40	2 25	0 12	0 43	6 37	0 53	20 13	2 4	22 55	22 47	9 44	0 55	4 21
T 27	18 37	16 54	4 46	19 17	2 5	6 47	1 13	19 55	1 2	22 54	0 6	4 42	2 24	0 11	0 43	6 37	0 53	20 13	2 4	22 55	22 46	9 42	0 54	4 21
W28	18 22	12 47	5 2	18 47	2 3	6 17	1 10	19 43	1 3	22 55	0 7	4 44	2 24	0 10	0 43	6 38	0 53	20 12	2 4	22 54	22 46	9 39	0 53	4 20
T 29	18 6	8 13	5 6	18 15	2 1	5 46	1 8	19 32	1 3	22 56	0 7	4 46	2 24	0 9	0 43	6 38	0 53	20 12	2 4	22 53	22 46	9 36	0 52	4 20
F 30	17 50	3 22	4 56	17 41	1 59	5 15	1 5	19 20	1 3	22 57	0 7	4 47	2 24	0 8	0 43	6 39	0 53	20 12	2 4	22 52	22 45	9 34	0 51	4 20
S 31	17s34	1s37	4n34	17s 6	1s56	4s45	1s 2	19s 8	1s 3	22n57	0n 7	4n49	2s24	0s 7	0s43	6n39	0n53	20s12	2n 4	22n52	22n45	9n31	0s50	4n20

ASTRODIENST EPHEMERIS for the year 2263
geocentric

FEBRUARY 2263

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 17	11 ³⁵ 13	26 ⁴⁴ 44	20 ¹⁴ 14	21 ³⁷ 37	9 ¹⁵ 15	12°R 9	18°Y 2	1°Y23	15°R 8	17°38	17°R54	16°II45	17°m59	17°K50	S 1
M 2	8 47 14	12°36'11	8 ¹¹ 51	21°58	22°48	10° 2	12°36 3	18° 6	1°25	15°m 7	17°40	17°D53	16°42	18° 6	17°53	M 2
T 3	8 51 10	13°37'08	21°12	23°43	23°59	10°49	11°57	18°11	1°28	15° 5	17°42	17°II53	16°39	18°13	17°57	T 3
W 4	8 55 7	14°38'04	3 ⁵³ 53	25°28	25°11	11°36	11°51	18°15	1°31	15° 4	17°44	17°54	16°36	18°20	18° 0	W 4
T 5	8 59 4	15°39'00	16°58	27°12	26°22	12°23	11°46	18°20	1°33	15° 2	17°46	17°R55	16°33	18°26	18° 4	T 5
F 6	9 3 0	16°39'55	0 ³⁰ 30	28°56	27°33	13°10	11°40	18°25	1°36	15° 1	17°48	17°54	16°29	18°33	18° 7	F 6
S 7	9 6 57	17°40'49	14°32	0 ³⁹ 39	28°44	13°57	11°35	18°30	1°38	15° 0	17°50	17°51	16°26	18°40	18°11	S 7
S 8	9 10 53	18°41'42	29° 1	2°21	29°55	14°44	11°30	18°35	1°41	14°58	17°52	17°46	16°23	18°47	18°14	S 8
M 9	9 14 50	19°42'34	13 ⁵³ 53	4° 2	1°Y 6	15°32	11°25	18°40	1°44	14°57	17°54	17°38	16°20	18°53	18°18	M 9
T 10	9 18 46	20°43'26	29° 0	5°42	2°16	16°19	11°20	18°45	1°47	14°55	17°55	17°28	16°17	19° 0	18°21	T 10
W11	9 22 43	21°44'15	14 ¹² 12	7°19	3°27	17° 6	11°15	18°50	1°49	14°54	17°57	17°18	16°13	19° 7	18°25	W11
T 12	9 26 39	22°45'04	29°18	8°54	4°37	17°53	11°11	18°55	1°52	14°52	17°59	17° 8	16°10	19°13	18°29	T 12
F 13	9 30 36	23°45'51	14°Y 8	10°26	5°48	18°40	11° 7	19° 1	1°55	14°51	18° 1	17° 1	16° 7	19°20	18°32	F 13
S 14	9 34 33	24°46'36	28°37	11°54	6°58	19°28	11° 3	19° 6	1°58	14°49	18° 3	16°56	16° 4	19°27	18°36	S 14
S 15	9 38 29	25°47'20	12 ⁴⁰ 40	13°17	8° 8	20°15	10°59	19°11	2° 1	14°48	18° 4	16°53	16° 1	19°34	18°40	S 15
M16	9 42 26	26°48'03	26°18	14°36	9°17	21° 2	10°55	19°17	2° 4	14°46	18° 6	16°D52	15°58	19°40	18°43	M16
T 17	9 46 22	27°48'44	9 ^{II} 33	15°50	10°27	21°49	10°51	19°23	2° 7	14°44	18° 8	16°52	15°54	19°47	18°47	T 17
W18	9 50 19	28°49'23	22°28	16°56	11°37	22°37	10°48	19°28	2°10	14°43	18° 9	16°R52	15°51	19°54	18°51	W18
T 19	9 54 15	29°50'01	5 ⁶ 6	17°56	12°46	23°24	10°45	19°34	2°13	14°41	18°11	16°51	15°48	20° 1	18°55	T 19
F 20	9 58 12	0 ^K 50'36	17°31	18°48	13°55	24°11	10°42	19°40	2°16	14°40	18°13	16°47	15°45	20° 7	18°58	F 20
S 21	10 2 8	1°51'11	29°47	19°32	15° 4	24°58	10°39	19°46	2°19	14°38	18°14	16°40	15°42	20°14	19° 2	S 21
S 22	10 6 5	2°51'43	11 ^{II} 54	20° 6	16°13	25°46	10°36	19°52	2°22	14°36	18°16	16°31	15°38	20°21	19° 6	S 22
M23	10 10 2	3°52'14	23°56	20°31	17°22	26°33	10°34	19°58	2°25	14°35	18°18	16°18	15°35	20°27	19°10	M23
T 24	10 13 58	4°52'44	5 ^m 54	20°46	18°30	27°20	10°32	20° 4	2°28	14°33	18°19	16° 4	15°32	20°34	19°14	T 24
W25	10 17 55	5°53'11	17°48	20°R51	19°39	28° 7	10°30	20°10	2°31	14°32	18°21	15°50	15°29	20°41	19°18	W25
T 26	10 21 51	6°53'38	29°41	20°45	20°47	28°55	10°28	20°16	2°34	14°30	18°22	15°35	15°26	20°48	19°21	T 26
F 27	10 25 48	7°54'02	11 ^{II} 33	20°30	21°55	29°42	10°26	20°22	2°38	14°28	18°24	15°23	15°23	20°54	19°25	F 27
S 28	10 29 44	8 ^K 54'26	23 ^{II} 26	20 ^K 5	23°Y 3	0 ^K 29	10°25	20°Y28	2°Y41	14°m27	18°35	15°II13	15°II19	21°m 1	19°K29	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17s17	6s35	3n59	16s30	1s53	4s14	0s59	18s56	1s 3	22n58	0n 7	4n51	2s23	0s 6	0s43	6n40
M 2	17 0	11 22	3 13	15 53	1 49	3 43	0 56	18 43	1 3	22 59	0 7	4 53	2 23	0 5	0 43	6 40
T 3	16 43	15 49	2 18	15 14	1 44	3 12	0 53	18 31	1 4	22 59	0 7	4 55	2 23	0 4	0 43	6 41
W 4	16 25	19 41	1 14	14 34	1 39	2 40	0 50	18 18	1 4	23 0	0 7	4 57	2 23	0 3	0 43	6 41
T 5	16 7	22 41	0 5	13 53	1 33	2 9	0 46	18 5	1 4	23 1	0 8	4 59	2 22	0 2	0 43	6 42
F 6	15 49	24 31	1s 7	13 10	1 26	1 38	0 43	17 52	1 4	23 1	0 8	5 1	2 22	0 1	0 43	6 43
S 7	15 31	24 53	2 17	12 27	1 19	1 6	0 40	17 38	1 4	23 2	0 8	5 3	2 22	0 0	0 43	6 43
S 8	15 12	23 36	3 21	11 43	1 10	0 35	0 36	17 25	1 4	23 2	0 8	5 5	2 22	0n 1	0 43	6 44
M 9	14 53	20 40	4 12	10 58	1 2	0 4	0 32	17 11	1 4	23 3	0 8	5 7	2 22	0 2	0 43	6 44
T 10	14 34	16 17	4 47	10 13	0 52	0n28	0 29	16 57	1 4	23 3	0 8	5 9	2 21	0 3	0 43	6 45
W11	14 14	10 51	5 2	9 27	0 42	0 59	0 25	16 43	1 4	23 4	0 8	5 11	2 21	0 4	0 43	6 46
T 12	13 55	4 48	4 56	8 42	0 31	1 31	0 21	16 28	1 5	23 4	0 8	5 14	2 21	0 5	0 43	6 46
F 13	13 35	1n25	4 30	7 56	0 19	2 2	0 17	16 14	1 5	23 5	0 8	5 16	2 21	0 7	0 43	6 47
S 14	13 15	7 26	3 47	7 11	0 6	2 33	0 13	15 59	1 5	23 5	0 9	5 18	2 21	0 8	0 43	6 47
S 15	12 54	12 54	2 51	6 27	0n 7	3 5	0 9	15 44	1 5	23 6	0 9	5 20	2 20	0 9	0 43	6 48
M16	12 34	17 34	1 47	5 44	0 21	3 36	0 5	15 29	1 5	23 6	0 9	5 22	2 20	0 10	0 43	6 49
T 17	12 13	21 13	0 39	5 2	0 35	4 7	0 1	15 14	1 5	23 7	0 9	5 25	2 20	0 11	0 43	6 49
W18	11 52	23 41	0n30	4 23	0 50	4 38	0n 3	14 59	1 5	23 7	0 9	5 27	2 20	0 13	0 42	6 50
T 19	11 31	24 53	1 35	3 45	1 6	5 9	0 7	14 44	1 5	23 7	0 9	5 29	2 20	0 14	0 42	6 50
F 20	11 10	24 49	2 35	3 11	1 21	5 40	0 11	14 28	1 5	23 8	0 9	5 32	2 19	0 15	0 42	6 51
S 21	10 48	23 32	3 26	2 39	1 37	6 10	0 16	14 12	1 5	23 8	0 9	5 34	2 19	0 16	0 42	6 52
S 22	10 26	21 9	4 8	2 11	1 53	6 41	0 20	13 56	1 5	23 8	0 9	5 36	2 19	0 17	0 42	6 52
M23	10 5	17 53	4 37	1 47	2 8	7 11	0 25	13 40	1 5	23 9	0 9	5 39	2 19	0 19	0 42	6 53
T 24	9 43	13 54	4 55	1 28	2 23	7 42	0 29	13 24	1 5	23 9	0 10	5 41	2 19	0 20	0 42	6 54
W25	9 20	9 24	4 59	1 13	2 37	8 12	0 34	13 8	1 5	23 9	0 10	5 44	2 19	0 21	0 42	6 54
T 26	8 58	4 34	4 51	1 2	2 51	8 42	0 38	12 51	1 5	23 9	0 10	5 46	2 18	0 22	0 42	6 55
F 27	8 36	0s25	4 29	0 57	3 3	9 11	0 43	12 35	1 5	23 10	0 10	5 49	2 18	0 24	0 42	6 56
S 28	8s13	5s26	3n56	0s57	3n14	9n41	0n48	12s18	1s 5	23n10	0n10	5n51	2s18	0n25	0s42	6n56

Julian Day Number = 2547634.5, Delta T = 238.50 sec
Ecliptic obliquity = 23°24'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°25'02, Lahiri = 27°32'03

ASTRODIENST EPHEMERIS for the year 2263

geocentric

MARCH 2263

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 33 41	9♂54'48	5♂25	19°R31	24°Y10	1♂17	10°R24	20°Y35	2°Y44	14°R25	18♂27	15°R 6	15♂16	21♂8	19♂33	S 1
M 2	10 37 37	10°55'08	17°31	18♂49	25°18	2° 4	10♂23	20°41	2°47	14♂23	18°28	15♂2	15°13	21°14	19°37	M 2
T 3	10 41 34	11°55'27	29°50	18° 0	26°25	2°51	10°22	20°48	2°50	14°22	18°30	15° 1	15°10	21°21	19°41	T 3
W 4	10 45 30	12°55'45	12♂25	17° 5	27°32	3°39	10°21	20°54	2°54	14°20	18°31	15° 0	15° 7	21°28	19°45	W 4
T 5	10 49 27	13°56'01	25°23	16° 6	28°38	4°26	10°21	21° 1	2°57	14°18	18°32	15° 0	15° 4	21°35	19°49	T 5
F 6	10 53 24	14°56'16	8♂47	15° 4	29°45	5°13	10°21	21° 7	3° 0	14°17	18°34	14°59	15° 0	21°41	19°53	F 6
S 7	10 57 20	15°56'29	22°41	14° 1	0♂51	6° 1	10°D20	21°14	3° 4	14°15	18°35	14°56	14°57	21°48	19°57	S 7
S 8	11 1 17	16°56'41	7♂4	12°58	1°57	6°48	10°21	21°21	3° 7	14°13	18°36	14°50	14°54	21°55	20° 1	S 8
M 9	11 5 13	17°56'51	21°54	11°57	3° 3	7°35	10°21	21°27	3°10	14°12	18°38	14°41	14°51	22° 2	20° 4	M 9
T 10	11 9 10	18°57'00	7♂4	10°59	4° 9	8°23	10°22	21°34	3°14	14°10	18°39	14°30	14°48	22° 8	20° 8	T 10
W11	11 13 6	19°57'07	22°25	10° 5	5°14	9°10	10°22	21°41	3°17	14° 8	18°40	14°19	14°44	22°15	20°12	W11
T 12	11 17 3	20°57'11	7°Y44	9°16	6°19	9°57	10°23	21°48	3°20	14° 7	18°41	14° 8	14°41	22°22	20°16	T 12
F 13	11 20 59	21°57'14	22°51	8°32	7°24	10°45	10°24	21°55	3°24	14° 5	18°42	13°58	14°38	22°28	20°20	F 13
S 14	11 24 56	22°57'15	7♂35	7°55	8°28	11°32	10°26	22° 2	3°27	14° 3	18°43	13°52	14°35	22°35	20°24	S 14
S 15	11 28 53	23°57'14	21°52	7°24	9°33	12°19	10°27	22° 9	3°30	14° 2	18°45	13°48	14°32	22°42	20°28	S 15
M16	11 32 49	24°57'10	5♂41	6°59	10°36	13° 7	10°29	22°16	3°34	14° 0	18°46	13°47	14°29	22°49	20°32	M16
T 17	11 36 46	25°57'05	19° 1	6°42	11°40	13°54	10°31	22°23	3°37	13°58	18°47	13°46	14°25	22°55	20°36	T 17
W18	11 40 42	26°56'57	1♂57	6°30	12°43	14°41	10°33	22°30	3°41	13°57	18°48	13°46	14°22	23° 2	20°40	W18
T 19	11 44 39	27°56'47	14°32	6°D26	13°46	15°28	10°35	22°37	3°44	13°55	18°49	13°45	14°19	23° 9	20°44	T 19
F 20	11 48 35	28°56'35	26°51	6°27	14°49	16°16	10°38	22°44	3°47	13°53	18°50	13°42	14°16	23°15	20°48	F 20
S 21	11 52 32	29°56'21	8♂59	6°34	15°51	17° 3	10°41	22°51	3°51	13°52	18°51	13°36	14°13	23°22	20°52	S 21
S 22	11 56 28	0°Y56'04	20°59	6°47	16°53	17°50	10°43	22°59	3°54	13°50	18°52	13°28	14°10	23°29	20°55	S 22
M23	12 0 25	1°55'45	2♂55	7° 5	17°55	18°37	10°46	23° 6	3°58	13°49	18°52	13°16	14° 6	23°36	20°59	M23
T 24	12 4 22	2°55'24	14°47	7°29	18°56	19°24	10°50	23°13	4° 1	13°47	18°53	13° 4	14° 3	23°42	21° 3	T 24
W25	12 8 18	3°55'01	26°40	7°57	19°56	20°12	10°53	23°20	4° 5	13°46	18°54	12°50	14° 0	23°49	21° 7	W25
T 26	12 12 15	4°54'36	8♂33	8°30	20°57	20°59	10°57	23°28	4° 8	13°44	18°55	12°37	13°57	23°56	21°11	T 26
F 27	12 16 11	5°54'09	20°28	9° 6	21°57	21°46	11° 0	23°35	4°11	13°42	18°56	12°26	13°54	24° 2	21°15	F 27
S 28	12 20 8	6°53'40	2♂27	9°47	22°56	22°33	11° 4	23°42	4°15	13°41	18°56	12°17	13°50	24° 9	21°19	S 28
S 29	12 24 4	7°53'09	14°32	10°32	23°55	23°20	11° 9	23°50	4°18	13°39	18°57	12°11	13°47	24°16	21°22	S 29
M30	12 28 1	8°52'37	26°45	11°20	24°54	24° 7	11°13	23°57	4°22	13°38	18°58	12° 7	13°44	24°23	21°26	M30
T 31	12 31 57	9°Y52'02	9♂8	12♂11	25♂52	24♂54	11♂17	24°Y 5	4°Y25	13♂37	18♂58	12°D 6	13♂41	24♂29	21♂30	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s50	10s17	3n13	1s 1	3n24	10n10	0n52	12s 1	1s 5	23n10	0n10	5n54	2s18	0n26	0s42	6n57	0n53
M 2	7 28	14 48	2 20	1 11	3 31	10 39	0 57	11 44	1 5	23 10	0 10	5 56	2 18	0 28	0 42	6 58	0 53
T 3	7 5	18 48	1 19	1 25	3 37	11 8	1 2	11 27	1 5	23 10	0 10	5 59	2 18	0 29	0 42	6 58	0 53
W 4	6 42	22 2	0 14	1 43	3 40	11 37	1 7	11 10	1 5	23 10	0 10	6 1	2 18	0 30	0 42	6 59	0 53
T 5	6 19	24 14	0s55	2 4	3 42	12 5	1 11	10 53	1 5	23 11	0 10	6 4	2 17	0 32	0 42	7 0	0 54
F 6	5 56	25 9	2 2	2 29	3 41	12 33	1 16	10 35	1 5	23 11	0 11	6 6	2 17	0 33	0 42	7 0	0 54
S 7	5 32	24 32	3 5	2 56	3 38	13 1	1 21	10 18	1 5	23 11	0 11	6 9	2 17	0 34	0 42	7 1	0 54
S 8	5 9	22 19	3 58	3 25	3 32	13 29	1 26	10 0	1 5	23 11	0 11	6 12	2 17	0 35	0 42	7 2	0 54
M 9	4 45	18 33	4 37	3 54	3 25	13 56	1 31	9 43	1 5	23 11	0 11	6 14	2 17	0 37	0 42	7 2	0 54
T 10	4 22	13 30	4 58	4 24	3 17	14 23	1 36	9 25	1 5	23 11	0 11	6 17	2 17	0 38	0 42	7 3	0 54
W11	3 58	7 33	4 57	4 54	3 6	14 50	1 41	9 7	1 4	23 11	0 11	6 20	2 17	0 39	0 42	7 3	0 54
T 12	3 35	1 9	4 35	5 23	2 55	15 16	1 46	8 49	1 4	23 11	0 11	6 22	2 17	0 41	0 42	7 4	0 54
F 13	3 11	5n14	3 54	5 51	2 42	15 42	1 51	8 31	1 4	23 11	0 11	6 25	2 16	0 42	0 42	7 5	0 54
S 14	2 48	11 12	2 59	6 17	2 29	16 8	1 56	8 13	1 4	23 11	0 11	6 28	2 16	0 44	0 42	7 5	0 54
S 15	2 24	16 23	1 53	6 41	2 15	16 33	2 1	7 55	1 4	23 11	0 11	6 30	2 16	0 45	0 42	7 6	0 54
M16	2 0	20 31	0 43	7 4	2 1	16 58	2 6	7 37	1 4	23 11	0 11	6 33	2 16	0 46	0 42	7 7	0 54
T 17	1 36	23 25	0n28	7 24	1 46	17 23	2 10	7 18	1 4	23 11	0 11	6 36	2 16	0 48	0 42	7 7	0 54
W18	1 13	24 58	1 35	7 42	1 32	17 47	2 15	7 0	1 4	23 11	0 12	6 38	2 16	0 49	0 42	7 8	0 54
T 19	0 49	25 11	2 35	7 57	1 17	18 11	2 20	6 42	1 3	23 11	0 12	6 41	2 16	0 50	0 42	7 9	0 54
F 20	0 25	24 8	3 27	8 10	1 2	18 34	2 25	6 23	1 3	23 11	0 12	6 44	2 16	0 52	0 42	7 9	0 54
S 21	0 1	21 59	4 8	8 20	0 48	18 57	2 30	6 5	1 3	23 10	0 12	6 47	2 16	0 53	0 42	7 10	0 54
S 22	0n22	18 53	4 39	8 29	0 34	19 20	2 35	5 46	1 3	23 10	0 12	6 49	2 15	0 54	0 42	7 10	0 54
M23	0 46	15 1	4 56	8 34	0 21	19 42	2 40	5 27	1 3	23 10	0 12	6 52	2 15	0 56	0 42	7 11	0 54
T 24	1 10	10 36	5 1	8 38	0 8	20 4	2 45	5 9	1 2	23 10	0 12	6 55	2 15	0 57	0 42	7 12	0 54
W25	1 33	5 48	4 52	8 39	0s 5	20 25	2 50	4 50	1 2	23 10	0 12	6 58	2 15	0 58	0 42	7 12	0 54
T 26	1 57	0 46	4 31	8 38	0 17	20 46	2 54	4 31	1 2	23 10	0 12	7 0	2 15	1 0	0 42	7 13	0 54
F 27	2 20	4s18	3 58	8 36	0 29	21 7	2 59	4 13	1 2	23 9	0 12	7 3	2 15	1 1	0 42	7 13	0 54
S 28	2 44	9 16	3 14	8 31	0 40	21 27	3 4	3 54	1 2	23 9	0 12	7 6	2 15	1 3	0 42	7 14	0 54
S 29	3 7	13 56	2 21	8 24	0 51	21 46	3 9	3 35	1 1	23 9	0 12	7 9	2 15	1 4	0 42	7 15	0 54
M30	3 31	18 5	1 21	8 15	1 1	22 5	3 13	3 16	1 1	23 8	0 13	7 11	2 15	1 5	0 42	7 15	0 54
T 31	3n54	21s32	0n16	8s 4	1s11	22n24	3n18	2s57	1s 1	23n 8	0n13	7n14	2s15	1n 7	0s42	7n16	0n54

Julian Day Number = 2547662.5, Delta T = 238.61 sec
 Ecliptic obliquity = 23°24'21", Nutation = - 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°25'06", Lahiri = 27°32'07"

ASTRODIENST EPHEMERIS for the year 2263
geocentric

APRIL 2263

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 35 54	10°51'26	21°47	13°6	26°49	25°41	11°22	24°12	4°28	13°35	18°59	12°11	13°38	24°36	21°34	W 1
T 2	12 39 51	11°50'48	4°343	14° 3	27°46	26°28	11°27	24°20	4°32	13°34	19° 0	12° 7	13°35	24°43	21°38	T 2
F 3	12 43 47	12°50'08	18° 2	15° 4	28°43	27°15	11°32	24°27	4°35	13°32	19° 0	12°R 7	13°31	24°50	21°41	F 3
S 4	12 47 44	13°49'27	1°46	16° 7	29°39	28° 2	11°37	24°35	4°39	13°31	19° 1	12° 6	13°28	24°56	21°45	S 4
S 5	12 51 40	14°48'44	15°56	17°12	0°35	28°49	11°42	24°42	4°42	13°29	19° 1	12° 2	13°25	25° 3	21°49	S 5
M 6	12 55 37	15°47'59	0°32	18°20	1°30	29°36	11°48	24°50	4°45	13°28	19° 2	11°56	13°22	25°10	21°52	M 6
T 7	12 59 33	16°47'12	15°29	19°30	2°24	0°23	11°53	24°57	4°49	13°27	19° 2	11°49	13°19	25°16	21°56	T 7
W 8	13 3 30	17°46'23	0°39	20°43	3°18	1°10	11°59	25° 5	4°52	13°25	19° 3	11°40	13°15	25°23	22° 0	W 8
T 9	13 7 26	18°45'33	15°52	21°57	4°11	1°57	12° 5	25°12	4°56	13°24	19° 3	11°32	13°12	25°30	22° 3	T 9
F 10	13 11 23	19°44'40	0°58	23°13	5° 3	2°44	12°11	25°20	4°59	13°23	19° 3	11°25	13° 9	25°37	22° 7	F 10
S 11	13 15 19	20°43'45	15°47	24°32	5°55	3°30	12°17	25°27	5° 2	13°22	19° 4	11°20	13° 6	25°43	22°10	S 11
S 12	13 19 16	21°42'49	0°12	25°52	6°46	4°17	12°24	25°35	5° 6	13°20	19° 4	11°18	13° 3	25°50	22°14	S 12
M13	13 23 13	22°41'50	14° 9	27°14	7°36	5° 4	12°30	25°43	5° 9	13°19	19° 4	11°D18	13° 0	25°57	22°17	M13
T 14	13 27 9	23°40'49	27°38	28°38	8°26	5°51	12°37	25°50	5°12	13°18	19° 4	11°18	12°56	26° 3	22°21	T 14
W15	13 31 6	24°39'45	10°40	0°4	9°15	6°37	12°44	25°58	5°15	13°17	19° 5	11°20	12°53	26°10	22°24	W15
T 16	13 35 2	25°38'39	23°20	1°31	10° 3	7°24	12°51	26° 5	5°19	13°16	19° 5	11°R20	12°50	26°17	22°28	T 16
F 17	13 38 59	26°37'31	5°41	3° 1	10°50	8°11	12°58	26°13	5°22	13°14	19° 5	11°20	12°47	26°24	22°31	F 17
S 18	13 42 55	27°36'21	17°49	4°31	11°36	8°57	13° 5	26°21	5°25	13°13	19° 5	11°18	12°44	26°30	22°35	S 18
S 19	13 46 52	28°35'09	29°47	6° 4	12°21	9°44	13°13	26°28	5°28	13°12	19° 5	11°14	12°41	26°37	22°38	S 19
M20	13 50 49	29°33'54	11°40	7°38	13° 5	10°30	13°20	26°36	5°32	13°11	19° 5	11° 8	12°37	26°44	22°41	M20
T 21	13 54 45	0°32'37	23°32	9°14	13°49	11°17	13°28	26°43	5°35	13°10	19°R 5	11° 1	12°34	26°51	22°45	T 21
W22	13 58 42	1°31'18	5°24	10°51	14°31	12° 3	13°36	26°51	5°38	13° 9	19° 5	10°53	12°31	26°57	22°48	W22
T 23	14 2 38	2°29'56	17°20	12°30	15°12	12°50	13°44	26°58	5°41	13° 8	19° 5	10°46	12°28	27° 4	22°51	T 23
F 24	14 6 35	3°28'33	29°22	14°11	15°52	13°36	13°52	27° 6	5°44	13° 7	19° 5	10°40	12°25	27°11	22°54	F 24
S 25	14 10 31	4°27'08	11°30	15°53	16°31	14°22	14° 0	27°14	5°47	13° 6	19° 5	10°35	12°21	27°17	22°58	S 25
S 26	14 14 28	5°25'41	23°47	17°37	17° 8	15° 9	14° 8	27°21	5°50	13° 5	19° 5	10°32	12°18	27°24	23° 1	S 26
M27	14 18 24	6°24'13	6°13	19°23	17°45	15°55	14°17	27°29	5°54	13° 5	19° 5	10°D31	12°15	27°31	23° 4	M27
T 28	14 22 21	7°22'42	18°50	21°10	18°20	16°41	14°25	27°36	5°57	13° 4	19° 4	10°31	12°12	27°38	23° 7	T 28
W29	14 26 17	8°21'10	1°40	22°59	18°54	17°27	14°34	27°44	6° 0	13° 3	19° 4	10°32	12° 9	27°44	23°10	W29
T 30	14 30 14	9°19'36	14°46	24°50	19°26	18°13	14°43	27°51	6° 3	13° 2	19° 4	10°34	12° 6	27°51	23°13	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
W 1	4n17	24s 0	0s51	7s52	1s20	22n42	3n22	2s38	1 s 1	23n 8	0n13	7n17	2s15	1n 8	0s42	7n16	0n54	20s 4	2n 1	22n13	22n24	6n47	0n33	4n14			
T 2	4 41	25 17	1 58	7 38	1 29	23 0	3 27	2 20	1 0	23 8	0 13	7 20	2 15	1 9	0 42	7 17	0 54	20 4	2 1	22 13	22 24	6 44	0 34	4 14			
F 3	5 4	25 10	3 0	7 22	1 37	23 17	3 31	2 1	1 0	23 7	0 13	7 22	2 15	1 11	0 42	7 17	0 54	20 4	2 1	22 13	22 23	6 41	0 36	4 14			
S 4	5 27	23 32	3 53	7 4	1 44	23 33	3 35	1 42	1 0	23 7	0 13	7 25	2 15	1 12	0 42	7 18	0 54	20 4	2 1	22 13	22 23	6 38	0 37	4 14			
S 5	5 50	20 24	4 34	6 45	1 51	23 49	3 40	1 23	1 0	23 6	0 13	7 28	2 15	1 13	0 42	7 18	0 54	20 4	2 1	22 12	22 23	6 35	0 39	4 14			
M 6	6 13	15 56	4 59	6 25	1 58	24 5	3 44	1 4	0 59	23 6	0 13	7 31	2 15	1 15	0 42	7 19	0 54	20 4	2 1	22 11	22 22	6 33	0 40	4 14			
T 7	6 35	10 24	5 5	6 3	2 4	24 20	3 48	0 45	0 59	23 6	0 13	7 34	2 15	1 16	0 42	7 19	0 54	20 4	2 1	22 10	22 22	6 30	0 41	4 14			
W 8	6 58	4 10	4 49	5 39	2 9	24 35	3 52	0 26	0 59	23 5	0 13	7 36	2 15	1 17	0 42	7 20	0 54	20 4	2 1	22 9	22 22	6 27	0 43	4 14			
T 9	7 20	2n21	4 13	5 15	2 14	24 49	3 56	0 7	0 58	23 5	0 13	7 39	2 14	1 19	0 42	7 20	0 54	20 4	2 1	22 8	22 21	6 24	0 44	4 14			
F 10	7 43	8 41	3 19	4 48	2 18	25 3	4 0	0n12	0 58	23 4	0 13	7 42	2 14	1 20	0 42	7 21	0 54	20 4	2 1	22 7	22 21	6 21	0 46	4 14			
S 11	8 5	14 25	2 13	4 21	2 22	25 16	4 4	0 30	0 58	23 4	0 13	7 45	2 14	1 21	0 42	7 21	0 54	20 4	2 1	22 7	22 20	6 18	0 47	4 14			
S 12	8 27	19 12	0 59	3 52	2 26	25 28	4 7	0 49	0 58	23 3	0 13	7 47	2 14	1 23	0 42	7 22	0 54	20 4	2 1	22 6	22 20	6 16	0 49	4 14			
M13	8 49	22 43	0n15	3 22	2 29	25 40	4 11	1 8	0 57	23 3	0 14	7 50	2 14	1 24	0 42	7 22	0 54	20 4	2 1	22 6	22 20	6 13	0 50	4 14			
T 14	9 11	24 50	1 27	2 51	2 31	25 52	4 14	1 27	0 57	23 2	0 14	7 53	2 14	1 25	0 42	7 23	0 53	20 4	2 1	22 6	22 19	6 10	0 52	4 14			
W15	9 32	25 30	2 32	2 19	2 33	26 3	4 18	1 46	0 57	23 1	0 14	7 56	2 14	1 27	0 42	7 23	0 53	20 4	2 1	22 6	22 19	6 7	0 53	4 14			
T 16	9 54	24 48	3 27	1 45	2 34	26 13	4 21	2 4	0 56	23 1	0 14	7 58	2 14	1 28	0 42	7 24	0 53	20 4	2 1	22 7	22 18	6 4	0 54	4 14			
F 17	10 15	22 53	4 11	1 10	2 35	26 23	4 24	2 23	0 56	23 0	0 14	8 1	2 14	1 29	0 42	7 24	0 53	20 4	2 1	22 6	22 18	6 1	0 56	4 14			
S 18	10 36	19 58	4 43	0 35	2 35	26 33	4 27	2 42	0 55	23 0	0 14	8 4	2 14	1 30	0 42	7 24	0 53	20 4	2 1	22 6	22 18	5 58	0 57	4 14			
S 19	10 57	16 15	5 3	0n 2	2 35	26 42	4 30	3 0	0 55	22 59	0 14	8 7	2 14	1 32	0 42	7 25	0 53	20 4	2 1	22 6	22 17	5 56	0 59	4 14			
M20	11 18	11 56	5 9	0 40	2 34	26 50	4 32	3 19	0 55	22 58	0 14	8 9	2 14	1 33	0 42	7 25	0 53	20 4	2 0	22 5	22 17	5 53	1 0	4 14			
T 21	11 39	7 11	5 2	1 19	2 33	26 58	4 35	3 37	0 54	22 58	0 14	8 12	2 14	1 34	0 42	7 26	0 53	20 4	2 0	22 4	22 16	5 50	1 1	4 14			
W22	11 59	2 10	4 41	1 58	2 31	27 6	4 37	3 56	0 54	22 57	0 14	8 15	2 14	1 35	0 42	7 26	0 53	20 4	2 0	22 3	22 16	5 47	1 3	4 15			
T 23	12 19	2s58	4 9	2 39	2 29	27 13	4 39	4 14	0 54	22 56	0 14	8 17	2 14	1 37	0 42	7 26	0 53	20 4	2 0	22 2	22 15	5 44	1 4	4 15			
F 24	12 39	8 2	3 25	3 20	2 26	27 19	4 41	4 33	0 53	22 55	0 14	8 20	2 14	1 38	0 42	7 27	0 53	20 4	2 0	22 1	22 15	5 41	1 5	4 15			
S 25	12 59	12 52	2 31	4 3	2 23	27 25	4 43	4 51	0 53	22 55	0 14	8 23	2 14	1 39	0 42	7 27	0 53	20 4	2 0	22 0	22 15	5 38	1 7	4 15			
S 26	13 19	17 14	1 30	4 46	2 19	27 30	4 44	5 9	0 52	22 54	0 14	8 25	2 14	1 40	0 42	7 27	0 53	20 4	2 0	22 0	22 14	5 35	1 8	4 15			
M27	13 38	20 56	0 23	5 30	2 14	27 35	4 46	5 27	0 52	22 53	0 14	8 28	2 14	1 41	0 42	7 28	0 53	20 4	2 0	22 0	22 14	5 33	1 9	4 15			
T 28	13 57	23 41	0s45	6 15	2 10	27 39	4 47	5 45	0 51	22 52	0 15	8 31	2 15	1 43	0 42	7 28	0 53	20 4	2 0	22 0	22 13	5 30	1 11	4 15			
W29	14 16	25 17	1 53	7 0	2 4	27 43	4 48	6 3	0 51	22 51	0 15	8 33	2 15	1 44	0 42	7 28	0 53	20 4	2 0	22 0	22 13	5 27	1 12	4 15			
T 30	14n35	25s31	2s56	7n46	1s58	27n47	4n48	6n21	0s51	22n50	0n15	8n36	2s15	1n45	0s42	7n29	0n53	20s 4	2n 0	22n 0	22n13	5n24	1n13	4n15			

ASTRODIENST EPHEMERIS for the year 2263
geocentric

MAY 2263

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	14 34 11	10♈18'01	28♌9	26♋42	19♊57	19♋0	14♌52	27♋59	6♋6	13♌1	19♌4	10♊35	12♊2	27♋58	23♋16	F 1
S 2	14 38 7	11°16'24	11♌51	28°36	20°26	19°46	15°1	28°6	6°9	13♌1	19♌3	10°R35	11°59	28°4	23°19	S 2
S 3	14 42 4	12°14'46	25°52	0♌32	20°54	20°32	15°10	28°14	6°12	13°0	19°3	10°35	11°56	28°11	23°22	S 3
M 4	14 46 0	13°13'06	10♋13	2°29	21°20	21°18	15°19	28°21	6°14	12°59	19°3	10°33	11°53	28°18	23°24	M 4
T 5	14 49 57	14°11'25	24°49	4°28	21°45	22°4	15°28	28°29	6°17	12°59	19°2	10°30	11°50	28°25	23°27	T 5
W 6	14 53 53	15°9'42	9♋37	6°29	22°8	22°50	15°38	28°36	6°20	12°58	19°2	10°26	11°47	28°31	23°30	W 6
T 7	14 57 50	16°7'57	24°29	8°31	22°29	23°35	15°47	28°43	6°23	12°57	19°1	10°23	11°43	28°38	23°33	T 7
F 8	15 1 46	17°6'11	9♌17	10°34	22°48	24°21	15°57	28°51	6°26	12°57	19°1	10°20	11°40	28°45	23°35	F 8
S 9	15 5 43	18°4'23	23°54	12°40	23°5	25°7	16°7	28°58	6°29	12°56	19°0	10°19	11°37	28°51	23°38	S 9
S 10	15 9 40	19°2'34	8♊13	14°46	23°21	25°53	16°17	29°5	6°31	12°56	19°0	10°D18	11°34	28°58	23°41	S 10
M 11	15 13 36	20°0'42	22°9	16°54	23°34	26°38	16°27	29°13	6°34	12°55	18°59	10°18	11°31	29°5	23°43	M 11
T 12	15 17 33	20°58'49	5♌41	19°2	23°45	27°24	16°37	29°20	6°37	12°55	18°59	10°19	11°27	29°12	23°46	T 12
W 13	15 21 29	21°56'55	18°48	21°12	23°54	28°10	16°47	29°27	6°39	12°55	18°58	10°21	11°24	29°18	23°48	W 13
T 14	15 25 26	22°54'58	1♌33	23°22	24°1	28°55	16°57	29°34	6°42	12°54	18°57	10°22	11°21	29°25	23°51	T 14
F 15	15 29 22	23°52'59	13°58	25°32	24°6	29°41	17°8	29°42	6°45	12°54	18°57	10°23	11°18	29°32	23°53	F 15
S 16	15 33 19	24°50'59	26°8	27°43	24°R 8	0♌26	17°18	29°49	6°47	12°54	18°56	10°R23	11°15	29°38	23°55	S 16
S 17	15 37 16	25°48'56	8♋8	29°54	24°8	1°12	17°29	29°56	6°50	12°53	18°55	10°23	11°12	29°45	23°58	S 17
M 18	15 41 12	26°46'52	20°2	2♊4	24°5	1°57	17°39	0♌3	6°52	12°53	18°54	10°22	11°8	29°52	24°0	M 18
T 19	15 45 9	27°44'46	1♌54	4°14	24°0	2°42	17°50	0°10	6°55	12°53	18°54	10°20	11°5	29°59	24°2	T 19
W 20	15 49 5	28°42'38	13°48	6°22	23°53	3°28	18°1	0°17	6°57	12°53	18°53	10°18	11°2	0♌5	24°4	W 20
T 21	15 53 2	29°40'29	25°48	8°30	23°43	4°13	18°12	0°24	6°59	12°53	18°52	10°17	10°59	0°12	24°6	T 21
F 22	15 56 58	0♊38'18	7♋57	10°35	23°31	4°58	18°23	0°31	7°2	12°53	18°51	10°15	10°56	0°19	24°8	F 22
S 23	16 0 55	1°36'06	20°16	12°40	23°16	5°43	18°34	0°38	7°4	12°53	18°50	10°15	10°53	0°25	24°10	S 23
S 24	16 4 51	2°33'52	2♌47	14°42	22°59	6°28	18°45	0°45	7°6	12°D53	18°49	10°14	10°49	0°32	24°12	S 24
M 25	16 8 48	3°31'37	15°31	16°42	22°39	7°13	18°56	0°51	7°9	12°53	18°48	10°D14	10°46	0°39	24°14	M 25
T 26	16 12 44	4°29'20	28°28	18°39	22°18	7°58	19°7	0°58	7°11	12°53	18°48	10°14	10°43	0°46	24°16	T 26
W 27	16 16 41	5°27'03	11♌40	20°35	21°54	8°43	19°19	1°5	7°13	12°53	18°47	10°15	10°40	0°52	24°18	W 27
T 28	16 20 38	6°24'44	25°5	22°27	21°28	9°28	19°30	1°12	7°15	12°53	18°46	10°15	10°37	0°59	24°20	T 28
F 29	16 24 34	7°22'24	8♌43	24°17	21°0	10°13	19°42	1°18	7°17	12°53	18°45	10°16	10°33	1°6	24°21	F 29
S 30	16 28 31	8°20'03	22°34	26°4	20°30	10°57	19°53	1°25	7°19	12°53	18°44	10°16	10°30	1°12	24°23	S 30
S 31	16 32 27	9♊17'41	6♋36	27♊48	19♊58	11♋42	20♌5	1♌32	7°Y21	12♋53	18♌42	10°R16	10♊27	1♌19	24♋25	S 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14n53	24s17	3s51	8n32	1s52	27n50	4n49	6n39	0s50	22n49	0n15	8n39	2s15	1n46	0s42	7n29	0n53	20s 4	2n 0	22n 0	22n12	5n21	1n14	4n15													
S 2	15 11	21 37	4 35	9 19	1 45	27 52	4 49	6 57	0 50	22 48	0 15	8 41	2 15	1 47	0 42	7 29	0 53	20 4	2 0	22 0	22 12	5 18	1 16	4 16													
S 3	15 29	17 38	5 3	10 7	1 38	27 54	4 49	7 15	0 49	22 47	0 15	8 44	2 15	1 48	0 42	7 29	0 53	20 4	2 0	22 0	22 11	5 15	1 17	4 16													
M 4	15 47	12 33	5 13	10 54	1 30	27 55	4 49	7 32	0 49	22 46	0 15	8 46	2 15	1 50	0 42	7 30	0 53	20 5	2 0	22 0	22 11	5 12	1 18	4 16													
T 5	16 4	6 42	5 4	11 42	1 22	27 56	4 48	7 50	0 48	22 45	0 15	8 49	2 15	1 51	0 42	7 30	0 53	20 5	2 0	21 59	22 10	5 9	1 19	4 16													
W 6	16 22	0 24	4 34	12 30	1 14	27 57	4 47	8 7	0 48	22 44	0 15	8 52	2 15	1 52	0 42	7 30	0 53	20 5	2 0	21 59	22 10	5 7	1 21	4 16													
T 7	16 39	5n59	3 46	13 18	1 5	27 57	4 46	8 25	0 47	22 43	0 15	8 54	2 15	1 53	0 42	7 30	0 53	20 5	2 0	21 58	22 10	5 4	1 22	4 16													
F 8	16 55	12 0	2 42	14 6	0 55	27 56	4 44	8 42	0 47	22 42	0 15	8 57	2 15	1 54	0 42	7 30	0 53	20 5	2 0	21 58	22 9	5 1	1 23	4 16													
S 9	17 11	17 17	1 29	14 54	0 46	27 55	4 42	8 59	0 46	22 41	0 15	8 59	2 15	1 55	0 42	7 31	0 53	20 5	2 0	21 58	22 9	4 58	1 24	4 16													
S 10	17 27	21 27	0 11	15 41	0 36	27 53	4 39	9 16	0 46	22 40	0 15	9 2	2 15	1 56	0 42	7 31	0 53	20 5	2 0	21 58	22 8	4 55	1 25	4 17													
M11	17 43	24 15	1n 5	16 27	0 25	27 51	4 37	9 33	0 45	22 39	0 15	9 4	2 15	1 57	0 42	7 31	0 53	20 5	2 0	21 58	22 8	4 52	1 26	4 17													
T 12	17 59	25 32	2 15	17 13	0 15	27 49	4 33	9 50	0 45	22 38	0 15	9 7	2 15	1 58	0 42	7 31	0 53	20 5	2 0	21 58	22 7	4 49	1 28	4 17													
W13	18 14	25 20	3 17	17 57	0 5	27 46	4 30	10 7	0 44	22 37	0 15	9 9	2 15	1 59	0 42	7 31	0 53	20 6	2 0	21 58	22 7	4 46	1 29	4 17													
T 14	18 29	23 47	4 6	18 41	0n 6	27 42	4 26	10 24	0 44	22 35	0 16	9 12	2 15	2 0	0 43	7 31	0 53	20 6	2 0	21 58	22 7	4 43	1 30	4 17													
F 15	18 43	21 7	4 43	19 23	0 16	27 38	4 21	10 40	0 43	22 34	0 16	9 14	2 15	2 1	0 43	7 31	0 53	20 6	1 59	21 58	22 6	4 40	1 31	4 17													
S 16	18 57	17 35	5 6	20 4	0 27	27 33	4 17	10 56	0 43	22 33	0 16	9 16	2 16	2 2	0 43	7 32	0 53	20 6	1 59	21 58	22 6	4 37	1 32	4 17													
S 17	19 11	13 23	5 15	20 42	0 37	27 27	4 11	11 13	0 42	22 32	0 16	9 19	2 16	2 3	0 43	7 32	0 53	20 6	1 59	21 58	22 5	4 34	1 33	4 18													
M18	19 25	8 43	5 11	21 19	0 47	27 21	4 5	11 29	0 42	22 30	0 16	9 21	2 16	2 4	0 43	7 32	0 53	20 6	1 59	21 58	22 5	4 32	1 34	4 18													
T 19	19 38	3 44	4 54	21 54	0 57	27 15	3 59	11 45	0 41	22 29	0 16	9 24	2 16	2 5	0 43	7 32	0 53	20 6	1 59	21 58	22 4	4 29	1 35	4 18													
W20	19 51	1s23	4 24	22 26	1 7	27 8	3 52	12 1	0 41	22 27	0 16	9 26	2 16	2 6	0 43	7 32	0 53	20 7	1 59	21 58	22 4	4 26	1 36	4 18													
T 21	20 3	6 31	3 42	22 56	1 16	27 0	3 45	12 17	0 40	22 26	0 16	9 28	2 16	2 7	0 43	7 32	0 53	20 7	1 59	21 58	22 4	4 23	1 37	4 18													
F 22	20 15	11 28	2 49	23 23	1 24	26 51	3 37	12 32	0 40	22 25	0 16	9 31	2 16	2 8	0 43	7 32	0 53	20 7	1 59	21 57	22 3	4 20	1 38	4 18													
S 23	20 27	16 3	1 48	23 48	1 32	26 42	3 28	12 48	0 39	22 23	0 16	9 33	2 16	2 9	0 43	7 32	0 53	20 7	1 59	21 57	22 3	4 17	1 39	4 18													
S 24	20 39	20 1	0 41	24 10	1 39	26 32	3 19	13 3	0 38	22 22	0 16	9 35	2 16	2 10	0 43	7 32	0 53	20 7	1 59	21 57	22 2	4 14	1 40	4 19													
M25	20 50	23 6	0s29	24 30	1 46	26 21	3 10	13 18	0 38	22 20	0 16	9 37	2 16	2 11	0 43	7 32	0 53	20 7	1 59	21 57	22 2	4 11	1 41	4 19													
T 26	21 1	25 3	1 39	24 47	1 52	26 10	2 59	13 33	0 37	22 19	0 16	9 40	2 17	2 11	0 43	7 32	0 53	20 8	1 59	21 57	22 1	4 8	1 41	4 19													
W27	21 11	25 39	2 45	25 1	1 57	25 58	2 49	13 48	0 37	22 17	0 16	9 42	2 17	2 12	0 43	7 32	0 53	20 8	1 59	21 57	22 1	4 5	1 42	4 19													
T 28	21 21	24 45	3 44	25 13	2 2	25 45	2 38	14 3	0 36	22 16	0 16	9 44	2 17	2 13	0 43	7 32	0 53	20 8	1 59	21 57	22 0	4 2	1 43	4 19													
F 29	21 31	22 24	4 30	25 22	2 5	25 32	2 26	14 18	0 36	22 14	0 16	9 46	2 17	2 14	0 43	7 32	0 53	20 8	1 59	21 57	22 0	3 59	1 44	4 19													
S 30	21 40	18 44	5 2	25 29	2 8	25 18	2 14	14 32	0 35	22 12	0 17	9 48	2 17	2 15	0 43	7 32	0 53	20 8	1 59	21 57	21 59	3 56	1 45	4 20													
S 31	21n49	13s58	5s16	25n34	2n11	25n 3	2n 2	14n47	0s34	22n11	0n17	9n51	2s17	2n15	0s43	7n31	0n53	20s 9	1n59	21n57	21n59	3n53	1n46	4n20													

ASTRODIENST EPHEMERIS for the year 2263
geocentric

JUNE 2263

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 36 24	10 ^{II} 15'18	20 ^{II} 49	29 ^{II} 29	19°R25	12 ^{II} 27	20 ^{II} 17	1 ^{II} 38	7 ^{II} 23	12 ^{II} 53	18°R41	10°D16	10 ^{II} 24	1 ^{II} 26	24 ^{II} 26	M 1
T 2	16 40 20	11°12'55	5 ^{II} 9	1 ^{II} 8	18 ^{II} 51	13°11	20°28	1°45	7°25	12°54	18 ^{II} 40	10 ^{II} 16	10°21	1°33	24°28	T 2
W 3	16 44 17	12°10'30	19°33	2°43	18°16	13°56	20°40	1°51	7°27	12°54	18°39	10°16	10°18	1°39	24°29	W 3
T 4	16 48 14	13°8'05	3 ^{II} 59	4°15	17°39	14°40	20°52	1°57	7°29	12°54	18°38	10°16	10°14	1°46	24°30	T 4
F 5	16 52 10	14°5'38	18°20	5°44	17°2	15°25	21°4	2°4	7°31	12°55	18°37	10°16	10°11	1°53	24°32	F 5
S 6	16 56 7	15°3'11	2 ^{II} 33	7°11	16°25	16°9	21°16	2°10	7°33	12°55	18°36	10°17	10°8	1°59	24°33	S 6
S 7	17 0 3	16°0'43	16°33	8°33	15°47	16°54	21°28	2°16	7°34	12°56	18°35	10°R17	10°5	2°6	24°34	S 7
M 8	17 4 0	16°58'14	0 ^{II} 16	9°53	15°10	17°38	21°40	2°22	7°36	12°56	18°33	10°16	10°2	2°13	24°35	M 8
T 9	17 7 56	17°55'44	13°40	11°10	14°33	18°22	21°52	2°29	7°38	12°56	18°32	10°16	9°59	2°20	24°37	T 9
W10	17 11 53	18°53'13	26°44	12°23	13°56	19°6	22°5	2°35	7°39	12°57	18°31	10°15	9°55	2°26	24°38	W10
T 11	17 15 49	19°50'41	9 ^{II} 29	13°33	13°20	19°50	22°17	2°41	7°41	12°58	18°30	10°14	9°52	2°33	24°39	T 11
F 12	17 19 46	20°48'07	21°56	14°39	12°45	20°34	22°29	2°47	7°42	12°58	18°28	10°12	9°49	2°40	24°40	F 12
S 13	17 23 43	21°45'33	4 ^{II} 11	15°42	12°11	21°18	22°42	2°52	7°44	12°59	18°27	10°11	9°46	2°46	24°40	S 13
S 14	17 27 39	22°42'57	16°9	16°42	11°39	22°2	22°54	2°58	7°45	12°59	18°26	10°11	9°43	2°53	24°41	S 14
M15	17 31 36	23°40'20	28°3	17°38	11°8	22°46	23°7	3°4	7°47	13°0	18°24	10°D11	9°39	3°0	24°42	M15
T 16	17 35 32	24°37'42	9 ^{II} 56	18°30	10°38	23°30	23°19	3°10	7°48	13°1	18°23	10°11	9°36	3°7	24°43	T 16
W17	17 39 29	25°35'03	21°51	19°19	10°11	24°14	23°32	3°15	7°49	13°2	18°22	10°12	9°33	3°13	24°44	W17
T 18	17 43 25	26°32'24	3 ^{II} 54	20°3	9°46	24°57	23°44	3°21	7°50	13°2	18°20	10°14	9°30	3°20	24°44	T 18
F 19	17 47 22	27°29'43	16°7	20°44	9°22	25°41	23°57	3°26	7°52	13°3	18°19	10°15	9°27	3°27	24°45	F 19
S 20	17 51 18	28°27'01	28°35	21°20	9°1	26°25	24°10	3°32	7°53	13°4	18°18	10°16	9°24	3°33	24°45	S 20
S 21	17 55 15	29°24'19	11 ^{II} 19	21°53	8°42	27°8	24°22	3°37	7°54	13°5	18°16	10°R16	9°20	3°40	24°46	S 21
M22	17 59 12	0 ^{II} 21'36	24°22	22°21	8°26	27°52	24°35	3°43	7°55	13°6	18°15	10°16	9°17	3°47	24°46	M22
T 23	18 3 8	1°18'53	7 ^{II} 32	22°45	8°12	28°35	24°48	3°48	7°56	13°7	18°14	10°14	9°14	3°54	24°46	T 23
W24	18 7 5	2°16'09	21°19	23°4	8°0	29°18	25°1	3°53	7°57	13°8	18°12	10°12	9°11	4°0	24°47	W24
T 25	18 11 1	3°13'25	5 ^{II} 10	23°19	7°51	0 ^{II} 2	25°14	3°58	7°58	13°9	18°11	10°9	9°8	4°7	24°47	T 25
F 26	18 14 58	4°10'40	19°13	23°29	7°44	0°45	25°27	4°3	7°59	13°10	18°9	10°5	9°5	4°14	24°47	F 26
S 27	18 18 54	5°7'55	3 ^{II} 23	23°35	7°40	1°28	25°40	4°8	8°0	13°11	18°8	10°2	9°1	4°20	24°47	S 27
S 28	18 22 51	6°5'10	17°37	23°R36	7°D38	2°11	25°53	4°13	8°0	13°12	18°6	10°0	8°58	4°27	24°R47	S 28
M29	18 26 47	7°2'25	1 ^{II} 52	23°33	7°38	2°54	26°6	4°18	8°1	13°13	18°5	9°D59	8°55	4°34	24°47	M29
T 30	18 30 44	7 ^{II} 59'40	16°Y4	23 ^{II} 25	7 ^{II} 40	3 ^{II} 37	26 ^{II} 19	4 ^{II} 22	8°Y2	13 ^{II} 14	18 ^{II} 3	9 ^{II} 59	8 ^{II} 52	4 ^{II} 41	24 ^{II} 47	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	21n57	8s25	5s12	25n36	2n12	24n48	1n49	15n 1	0s34	22n 9	0n17	9n53	2s17	2n16	0s43	7n31	0n53	20s 9	1n59	21n57	21n59	3n50	1n46	4n20			
T 2	22 5	2 22	4 48	25 36	2 12	24 32	1 36	15 15	0 33	22 7	0 17	9 55	2 17	2 17	0 43	7 31	0 53	20 9	1 58	21 57	21 58	3 47	1 47	4 20			
W 3	22 13	3n51	4 6	25 35	2 12	24 15	1 22	15 29	0 33	22 6	0 17	9 57	2 18	2 18	0 43	7 31	0 53	20 9	1 58	21 57	21 58	3 44	1 48	4 20			
T 4	22 21	9 53	3 8	25 31	2 11	23 58	1 9	15 43	0 32	22 4	0 17	9 59	2 18	2 18	0 43	7 31	0 53	20 9	1 58	21 57	21 57	3 42	1 49	4 21			
F 5	22 28	15 22	1 59	25 26	2 9	23 41	0 55	15 56	0 31	22 2	0 17	10 1	2 18	2 19	0 43	7 31	0 53	20 10	1 58	21 57	21 57	3 39	1 49	4 21			
S 6	22 34	19 57	0 43	25 19	2 6	23 23	0 41	16 9	0 31	22 0	0 17	10 3	2 18	2 20	0 43	7 31	0 53	20 10	1 58	21 58	21 56	3 36	1 50	4 21			
S 7	22 40	23 18	0n35	25 10	2 3	23 5	0 26	16 23	0 30	21 59	0 17	10 5	2 18	2 20	0 43	7 30	0 53	20 10	1 58	21 58	21 56	3 33	1 51	4 21			
M 8	22 46	25 13	1 48	25 0	1 58	22 47	0 12	16 36	0 29	21 57	0 17	10 7	2 18	2 21	0 43	7 30	0 53	20 10	1 58	21 57	21 55	3 30	1 51	4 21			
T 9	22 52	25 36	2 55	24 49	1 53	22 29	0s 2	16 49	0 29	21 55	0 17	10 9	2 18	2 22	0 43	7 30	0 53	20 11	1 58	21 57	21 55	3 27	1 52	4 21			
W10	22 56	24 32	3 50	24 37	1 47	22 10	0 16	17 1	0 28	21 53	0 17	10 11	2 19	2 22	0 43	7 30	0 53	20 11	1 58	21 57	21 54	3 24	1 52	4 22			
T 11	23 1	22 13	4 32	24 23	1 41	21 52	0 30	17 14	0 28	21 51	0 17	10 13	2 19	2 23	0 43	7 30	0 52	20 11	1 58	21 57	21 54	3 21	1 53	4 22			
F 12	23 5	18 55	5 0	24 9	1 33	21 34	0 44	17 26	0 27	21 49	0 17	10 14	2 19	2 23	0 43	7 29	0 52	20 11	1 58	21 57	21 53	3 18	1 54	4 22			
S 13	23 9	14 52	5 14	23 53	1 25	21 16	0 58	17 38	0 26	21 47	0 18	10 16	2 19	2 24	0 43	7 29	0 52	20 12	1 58	21 57	21 53	3 15	1 54	4 22			
S 14	23 12	10 17	5 14	23 37	1 16	20 59	1 11	17 50	0 26	21 45	0 18	10 18	2 19	2 24	0 43	7 29	0 52	20 12	1 58	21 57	21 53	3 12	1 55	4 22			
M15	23 15	5 22	5 1	23 20	1 6	20 42	1 24	18 2	0 25	21 43	0 18	10 20	2 19	2 25	0 43	7 29	0 52	20 12	1 58	21 57	21 52	3 9	1 55	4 23			
T 16	23 18	0 17	4 35	23 3	0 56	20 25	1 37	18 14	0 24	21 41	0 18	10 22	2 20	2 25	0 43	7 28	0 52	20 12	1 58	21 57	21 52	3 6	1 55	4 23			
W17	23 20	4s51	3 56	22 45	0 45	20 9	1 49	18 25	0 24	21 39	0 18	10 23	2 20	2 26	0 43	7 28	0 52	20 13	1 57	21 57	21 51	3 3	1 56	4 23			
T 18	23 22	9 51	3 8	22 27	0 33	19 53	2 1	18 37	0 23	21 37	0 18	10 25	2 20	2 26	0 43	7 28	0 52	20 13	1 57	21 57	21 51	3 0	1 56	4 23			
F 19	23 23	14 34	2 9	22 9	0 21	19 39	2 12	18 48	0 22	21 35	0 18	10 27	2 20	2 27	0 44	7 27	0 52	20 13	1 57	21 57	21 50	2 57	1 57	4 23			
S 20	23 24	18 47	1 4	21 50	0 8	19 25	2 23	18 58	0 22	21 33	0 18	10 28	2 20	2 27	0 44	7 27	0 52	20 13	1 57	21 57	21 50	2 54	1 57	4 24			
S 21	23 24	22 12	0s 6	21 32	0s 6	19 11	2 34	19 9	0 21	21 31	0 18	10 30	2 21	2 28	0 44	7 27	0 52	20 14	1 57	21 57	21 49	2 51	1 57	4 24			
M22	23 24	24 34	1 17	21 13	0 20	18 59	2 44	19 20	0 20	21 28	0 18	10 32	2 21	2 28	0 44	7 26	0 52	20 14	1 57	21 57	21 49	2 48	1 58	4 24			
T 23	23 24	25 36	2 25	20 55	0 35	18 47	2 53	19 30	0 20	21 26	0 18	10 33	2 21	2 28	0 44	7 26	0 52	20 14	1 57	21 57	21 48	2 45	1 58	4 24			
W24	23 23	25 7	3 27	20 37	0 50	18 37	3 2	19 40	0 19	21 24	0 18	10 35	2 21	2 29	0 44	7 26	0 52	20 14	1 57	21 57	21 48	2 42	1 58	4 24			
T 25	23 22	23 6	4 17	20 19	1 6	18 27	3 11	19 50	0 18	21 22	0 18	10 36	2 21	2 29	0 44	7 25	0 52	20 15	1 57	21 56	21 47	2 39	1 59	4 24			
F 26	23 20	19 41	4 53	20 2	1 21	18 18	3 19	20 0	0 17	21 19	0 18	10 38	2 22	2 29	0 44	7 25	0 52	20 15	1 57	21 56	21 47	2 36	1 59	4 25			
S 27	23 18	15 5	5 11	19 45	1 38	18 10	3 26	20 9	0 17	21 17	0 18	10 39	2 22	2 30	0 44	7 24	0 52	20 15	1 57	21 55	21 46	2 33	1 59	4 25			
S 28	23 16	9 39	5 11	19 29	1 54	18 2	3 33	20 18	0 16	21 15	0 19	10 41	2 22	2 30	0 44	7 24	0 52	20 15	1 57	21 55	21 46	2 30	1 59	4 25			
M29	23 13	3 43	4 51	19 13	2 10	17 56	3 40	20 28	0 15	21 12	0 19	10 42	2 22	2 30	0 44	7 23	0 52	20 16	1 56	21 55	21 45	2 27	1 59	4 25			
T 30	23n10	2n24	4s14	18n59	2s26	17n50	3s46	20n36	0s15	21n10	0n19	10n44	2s22	2n30	0s44	7n23	0n52	20s16	1n56	21n55	21n45	2n24	2n 0	4n25			

ASTRODIENST EPHEMERIS for the year 2263

geocentric

JULY 2263

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 34 41	8°56'54	0°13	23°R12	7°II45	4°II20	26°32	4°27	8°Y 2	13°M15	18°R 2	10°II 0	8°II49	4°47	24°R47	W 1
T 2	18 38 37	9°54'09	14°16	22°56	7°52	5° 3	26°45	4°32	8° 3	13°16	18°0	10° 2	8°45	4°54	24°K47	T 2
F 3	18 42 34	10°51'24	28°11	22°36	8° 2	5°46	26°58	4°36	8° 3	13°17	17°59	10° 3	8°42	5° 1	24°47	F 3
S 4	18 46 30	11°48'39	11°II57	22°12	8°13	6°28	27°11	4°41	8° 4	13°19	17°58	10°R 4	8°39	5° 7	24°46	S 4
S 5	18 50 27	12°45'54	25°32	21°44	8°26	7°11	27°24	4°45	8° 4	13°20	17°56	10° 3	8°36	5°14	24°46	S 5
M 6	18 54 23	13°43'09	8°54	21°14	8°42	7°54	27°37	4°49	8° 5	13°21	17°55	10° 0	8°33	5°21	24°45	M 6
T 7	18 58 20	14°40'23	22° 2	20°41	8°59	8°36	27°51	4°53	8° 5	13°23	17°53	9°56	8°30	5°28	24°45	T 7
W 8	19 2 17	15°37'38	4°55	20° 6	9°18	9°19	28° 4	4°58	8° 5	13°24	17°52	9°50	8°26	5°34	24°45	W 8
T 9	19 6 13	16°34'52	17°32	19°30	9°39	10° 1	28°17	5° 2	8° 6	13°25	17°50	9°44	8°23	5°41	24°44	T 9
F 10	19 10 10	17°32'06	29°55	18°53	10° 1	10°43	28°30	5° 5	8° 6	13°27	17°49	9°38	8°20	5°48	24°43	F 10
S 11	19 14 6	18°29'20	12°M 5	18°16	10°26	11°26	28°44	5° 9	8° 6	13°28	17°47	9°32	8°17	5°54	24°43	S 11
S 12	19 18 3	19°26'34	24° 6	17°39	10°52	12° 8	28°57	5°13	8° 6	13°30	17°46	9°28	8°14	6° 1	24°42	S 12
M13	19 21 59	20°23'47	5°59	17° 4	11°19	12°50	29°10	5°17	8° 6	13°31	17°44	9°25	8°11	6° 8	24°41	M13
T 14	19 25 56	21°21'01	17°51	16°30	11°48	13°32	29°24	5°20	8°R 6	13°32	17°43	9°D24	8° 7	6°14	24°40	T 14
W15	19 29 52	22°18'14	29°46	15°58	12°18	14°14	29°37	5°24	8° 6	13°34	17°41	9°24	8° 4	6°21	24°39	W15
T 16	19 33 49	23°15'27	11°M48	15°30	12°50	14°56	29°50	5°27	8° 6	13°36	17°40	9°25	8° 1	6°28	24°38	T 16
F 17	19 37 45	24°12'41	24° 2	15° 4	13°23	15°38	0°0 4	5°31	8° 6	13°37	17°38	9°27	7°58	6°35	24°37	F 17
S 18	19 41 42	25° 9'54	6°J34	14°43	13°58	16°20	0°17	5°34	8° 6	13°39	17°37	9°R27	7°55	6°41	24°36	S 18
S 19	19 45 39	26° 7'07	19°27	14°26	14°33	17° 2	0°30	5°37	8° 6	13°40	17°35	9°27	7°51	6°48	24°35	S 19
M20	19 49 35	27° 4'21	2°343	14°13	15°10	17°43	0°44	5°40	8° 5	13°42	17°34	9°25	7°48	6°55	24°34	M20
T 21	19 53 32	28° 1'34	16°21	14° 6	15°48	18°25	0°57	5°43	8° 5	13°44	17°32	9°20	7°45	7° 1	24°33	T 21
W22	19 57 28	28°58'48	0°22	14°D 3	16°27	19° 6	1°10	5°46	8° 5	13°45	17°31	9°14	7°42	7° 8	24°31	W22
T 23	20 1 25	29°56'03	14°40	14° 6	17° 8	19°48	1°24	5°48	8° 4	13°47	17°29	9° 7	7°39	7°15	24°30	T 23
F 24	20 5 21	0°53'17	29°10	14°15	17°49	20°29	1°37	5°51	8° 4	13°49	17°28	8°59	7°36	7°22	24°29	F 24
S 25	20 9 18	1°50'33	13°K46	14°29	18°31	21°11	1°51	5°54	8° 3	13°50	17°26	8°51	7°32	7°28	24°27	S 25
S 26	20 13 15	2°47'49	28°20	14°49	19°15	21°52	2° 4	5°56	8° 3	13°52	17°25	8°46	7°29	7°35	24°26	S 26
M27	20 17 11	3°45'05	12°Y47	15°14	19°59	22°33	2°17	5°59	8° 2	13°54	17°24	8°42	7°26	7°42	24°24	M27
T 28	20 21 8	4°42'23	27° 3	15°46	20°44	23°14	2°31	6° 1	8° 1	13°56	17°22	8°40	7°23	7°48	24°23	T 28
W29	20 25 4	5°39'41	11°8	16°23	21°30	23°55	2°44	6° 3	8° 1	13°58	17°21	8°D40	7°20	7°55	24°21	W29
T 30	20 29 1	6°37'01	24°56	17° 6	22°16	24°36	2°57	6° 5	8° 0	13°59	17°19	8°40	7°17	8° 2	24°19	T 30
F 31	20 32 57	7°03'421	8°II32	17°54	23°II 4	25°II17	3°0 11	6°8 7	7°Y59	14°M 1	17°18	8°R41	7°II13	8°8 8	24°K18	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	23n 6	8n24	3s21	18n45	2s42	17n46	3s52	20n45	0s14	21n 8	0n19	10n45	2s23	2n31	0s44	7n23
T 2	23 2	13 55	2 17	18 32	2 58	17 42	3 57	20 54	0 13	21 5	0 19	10 46	2 23	2 31	0 44	7 22
F 3	22 58	18 41	1 5	18 20	3 13	17 38	4 2	21 2	0 13	21 3	0 19	10 47	2 23	2 31	0 44	7 22
S 4	22 53	22 22	0n10	18 9	3 28	17 36	4 6	21 10	0 12	21 0	0 19	10 49	2 23	2 31	0 44	7 21
S 5	22 48	24 43	1 23	18 0	3 42	17 34	4 10	21 18	0 11	20 58	0 19	10 50	2 23	2 31	0 44	7 21
M 6	22 42	25 37	2 31	17 51	3 55	17 33	4 14	21 25	0 10	20 55	0 19	10 51	2 24	2 32	0 44	7 20
T 7	22 36	25 2	3 29	17 44	4 7	17 32	4 17	21 33	0 10	20 53	0 19	10 52	2 24	2 32	0 44	7 20
W 8	22 30	23 8	4 15	17 38	4 18	17 32	4 20	21 40	0 9	20 50	0 19	10 54	2 24	2 32	0 44	7 19
T 9	22 23	20 7	4 47	17 34	4 28	17 32	4 22	21 47	0 8	20 48	0 19	10 55	2 24	2 32	0 44	7 19
F 10	22 16	16 15	5 6	17 31	4 36	17 34	4 25	21 54	0 7	20 45	0 19	10 56	2 25	2 32	0 44	7 18
S 11	22 8	11 47	5 10	17 29	4 43	17 35	4 26	22 1	0 7	20 42	0 20	10 57	2 25	2 32	0 44	7 17
S 12	22 0	6 56	5 0	17 29	4 48	17 37	4 28	22 7	0 6	20 40	0 20	10 58	2 25	2 32	0 44	7 17
M13	21 52	1 52	4 37	17 29	4 52	17 40	4 29	22 13	0 5	20 37	0 20	10 59	2 25	2 32	0 44	7 16
T 14	21 43	3s15	4 3	17 31	4 54	17 42	4 30	22 19	0 4	20 34	0 20	11 0	2 25	2 32	0 44	7 16
W15	21 34	8 17	3 18	17 35	4 54	17 46	4 31	22 25	0 4	20 32	0 20	11 1	2 26	2 32	0 44	7 15
T 16	21 24	13 4	2 24	17 39	4 53	17 49	4 31	22 30	0 3	20 29	0 20	11 2	2 26	2 32	0 44	7 14
F 17	21 14	17 25	1 22	17 45	4 50	17 53	4 32	22 36	0 2	20 26	0 20	11 2	2 26	2 32	0 44	7 14
S 18	21 4	21 7	0 16	17 51	4 46	17 57	4 32	22 41	0 1	20 23	0 20	11 3	2 26	2 32	0 44	7 13
S 19	20 54	23 53	0s54	17 59	4 40	18 1	4 31	22 46	0 1	20 21	0 20	11 4	2 27	2 31	0 45	7 13
M20	20 43	25 25	2 2	18 7	4 33	18 6	4 31	22 50	0n 0	20 18	0 20	11 5	2 27	2 31	0 45	7 12
T 21	20 32	25 28	3 5	18 16	4 25	18 10	4 30	22 55	0 1	20 15	0 20	11 6	2 27	2 31	0 45	7 11
W22	20 20	23 56	3 59	18 26	4 15	18 15	4 29	22 59	0 2	20 12	0 20	11 6	2 27	2 31	0 45	7 11
T 23	20 8	20 51	4 39	18 36	4 5	18 20	4 28	23 3	0 2	20 9	0 21	11 7	2 28	2 31	0 45	7 10
F 24	19 56	16 27	5 2	18 47	3 53	18 25	4 27	23 7	0 3	20 6	0 21	11 8	2 28	2 31	0 45	7 9
S 25	19 43	11 4	5 5	18 57	3 41	18 30	4 25	23 11	0 4	20 4	0 21	11 8	2 28	2 30	0 45	7 9
S 26	19 30	5 4	4 48	19 8	3 28	18 35	4 24	23 14	0 5	20 1	0 21	11 9	2 28	2 30	0 45	7 8
M27	19 17	1n 9	4 14	19 19	3 15	18 41	4 22	23 17	0 5	19 58	0 21	11 9	2 29	2 30	0 45	7 7
T 28	19 4	7 14	3 24	19 29	3 1	18 46	4 20	23 20	0 6	19 55	0 21	11 10	2 29	2 29	0 45	7 7
W29	18 50	12 53	2 22	19 39	2 46	18 51	4 18	23 23	0 7	19 52	0 21	11 10	2 29	2 29	0 45	7 6
T 30	18 36	17 48	1 13	19 49	2 32	18 56	4 15	23 26	0 8	19 49	0 21	11 11	2 29	2 29	0 45	7 5
F 31	18n21	21n41	0s 1	19n57	2s17	19n 1	4s13	23n28	0n 9	19n46	0n21	11n11	2s30	2n29	0s45	7n 4

Julian Day Number = 2547784.5, Delta T = 239.09 sec
 Ecliptic obliquity = 23°24'21, Nutation = - 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°25'23, Lahiri = 27°32'24

ASTRODIENST EPHEMERIS for the year 2263
geocentric

AUGUST 2263

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 36 54	8♌31'43	21♊56	18♍48	23♊52	25♊58	3♌24	6♌9	7♌R58	14♎3	17♌R17	8♌R40	7♊10	8♌15	24♌R16	S 1
S 2	20 40 50	9°29'05	5♌8	19°48	24°41	26°39	3°38	6°11	7♌57	14°5	17♌15	8♊37	7°7	8°22	24♌14	S 2
M 3	20 44 47	10°26'28	18°8	20°53	25°31	27°20	3°51	6°12	7°56	14°7	17°14	8°32	7°4	8°29	24°12	M 3
T 4	20 48 44	11°23'52	0♌56	22°3	26°22	28°0	4°4	6°14	7°55	14°9	17°13	8°24	7°1	8°35	24°10	T 4
W 5	20 52 40	12°21'17	13°33	23°19	27°13	28°41	4°17	6°16	7°54	14°11	17°11	8°14	6°57	8°42	24°9	W 5
T 6	20 56 37	13°18'43	25°59	24°39	28°5	29°22	4°31	6°17	7°53	14°13	17°10	8°2	6°54	8°49	24°7	T 6
F 7	21 0 33	14°16'09	8♎14	26°5	28°57	0♌2	4°44	6°18	7°52	14°15	17°9	7°50	6°51	8°55	24°5	F 7
S 8	21 4 30	15°13'36	20°19	27°35	29°50	0°42	4°57	6°19	7°51	14°17	17°7	7°39	6°48	9°2	24°2	S 8
S 9	21 8 26	16°11'04	2♌15	29°9	0♌43	1°23	5°11	6°20	7°50	14°19	17°6	7°30	6°45	9°9	24°0	S 9
M10	21 12 23	17°8'33	14°6	0♌48	1°37	2°3	5°24	6°21	7°49	14°21	17°5	7°23	6°42	9°15	23°58	M10
T 11	21 16 19	18°6'02	25°56	2°30	2°32	2°43	5°37	6°22	7°47	14°23	17°4	7°18	6°38	9°22	23°56	T 11
W12	21 20 16	19°3'32	7♎48	4°16	3°27	3°23	5°50	6°23	7°46	14°25	17°2	7°16	6°35	9°29	23°54	W12
T 13	21 24 13	20°1'03	19°48	6°5	4°23	4°3	6°3	6°24	7°45	14°27	17°1	7°D16	6°32	9°36	23°52	T 13
F 14	21 28 9	20°58'35	2♌1	7°58	5°19	4°43	6°16	6°24	7°43	14°29	17°0	7°R16	6°29	9°42	23°49	F 14
S 15	21 32 6	21°56'07	14°32	9°52	6°15	5°23	6°30	6°25	7°42	14°31	16°59	7°16	6°26	9°49	23°47	S 15
S 16	21 36 2	22°53'41	27°26	11°49	7°12	6°3	6°43	6°25	7°40	14°33	16°58	7°14	6°22	9°56	23°45	S 16
M17	21 39 59	23°51'15	10♌46	13°48	8°10	6°42	6°56	6°25	7°39	14°35	16°57	7°11	6°19	10°2	23°42	M17
T 18	21 43 55	24°48'50	24°34	15°48	9°8	7°22	7°9	6°25	7°37	14°37	16°56	7°4	6°16	10°9	23°40	T 18
W19	21 47 52	25°46'27	8♌49	17°49	10°6	8°2	7°22	6°R25	7°36	14°39	16°54	6°56	6°13	10°16	23°37	W19
T 20	21 51 48	26°44'04	23°27	19°51	11°5	8°41	7°35	6°25	7°34	14°42	16°53	6°46	6°10	10°22	23°35	T 20
F 21	21 55 45	27°41'43	8♌20	21°53	12°4	9°21	7°48	6°25	7°33	14°44	16°52	6°35	6°7	10°29	23°32	F 21
S 22	21 59 42	28°39'22	23°20	23°55	13°3	10°0	8°1	6°25	7°31	14°46	16°51	6°24	6°3	10°36	23°30	S 22
S 23	22 3 38	29°37'03	8♌17	25°57	14°3	10°39	8°13	6°24	7°29	14°48	16°50	6°16	6°0	10°43	23°27	S 23
M24	22 7 35	0♎34'46	23°3	27°58	15°4	11°18	8°26	6°24	7°27	14°50	16°49	6°10	5°57	10°49	23°25	M24
T 25	22 11 31	1°32'30	7♌32	29°59	16°4	11°57	8°39	6°23	7°26	14°52	16°48	6°6	5°54	10°56	23°22	T 25
W26	22 15 28	2°30'16	21°41	1♎59	17°5	12°36	8°52	6°23	7°24	14°54	16°47	6°5	5°51	11°3	23°19	W26
T 27	22 19 24	3°28'04	5♊28	3°59	18°7	13°15	9°5	6°22	7°22	14°57	16°46	6°5	5°48	11°9	23°17	T 27
F 28	22 23 21	4°25'54	18°57	5°57	19°8	13°54	9°17	6°21	7°20	14°59	16°46	6°4	5°44	11°16	23°14	F 28
S 29	22 27 17	5°23'45	2♌7	7°54	20°10	14°33	9°30	6°20	7°18	15°1	16°45	6°3	5°41	11°23	23°11	S 29
S 30	22 31 14	6°21'38	15°2	9°51	21°12	15°12	9°43	6°19	7°16	15°3	16°44	5°59	5°38	11°29	23°8	S 30
M31	22 35 11	7♎19'33	27♌45	11♎46	22♌15	15°50	9♌55	6♌18	7♌14	15♎5	16♌43	5♊52	5♊35	11♌36	23♌6	M31

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	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	
S 1	18n 6	24n20	1n10	20n 5	2s 1	19n 6	4s10	23n30	0n 9	19n43	0n21	11n12	2s30	2n28	0s45	7n 4	0n52	20s25	1n53	21n43	21n29	0n47	1n52	4n31						
S 2	17 51	25 35	2 16	20 12	1 46	19 10	4 8	23 32	0 10	19 40	0 21	11 12	2 30	2 28	0 45	7 3	0 52	20 26	1 53	21 43	21 28	0 44	1 52	4 31						
M 3	17 36	25 23	3 14	20 17	1 31	19 15	4 5	23 34	0 11	19 37	0 22	11 12	2 30	2 27	0 45	7 2	0 52	20 26	1 53	21 42	21 28	0 41	1 51	4 31						
T 4	17 20	23 50	4 1	20 21	1 16	19 19	4 2	23 35	0 12	19 34	0 22	11 12	2 31	2 27	0 45	7 2	0 52	20 26	1 53	21 40	21 27	0 38	1 50	4 31						
W 5	17 4	21 7	4 35	20 23	1 1	19 24	3 59	23 36	0 13	19 31	0 22	11 13	2 31	2 27	0 45	7 1	0 52	20 27	1 53	21 39	21 26	0 35	1 50	4 31						
T 6	16 48	17 8	4 56	20 24	0 47	19 28	3 56	23 38	0 13	19 28	0 22	11 13	2 31	2 26	0 45	7 0	0 52	20 27	1 52	21 37	21 26	0 32	1 49	4 31						
F 7	16 32	13 28	5 2	20 22	0 32	19 32	3 53	23 38	0 14	19 25	0 22	11 13	2 32	2 26	0 45	6 59	0 52	20 27	1 52	21 35	21 25	0 29	1 48	4 31						
S 8	16 15	8 21	4 55	20 19	0 19	19 35	3 49	23 39	0 15	19 21	0 22	11 13	2 32	2 25	0 45	6 58	0 52	20 27	1 52	21 33	21 25	0 26	1 48	4 31						
S 9	15 58	3 19	4 35	20 13	0 5	19 38	3 46	23 40	0 16	19 18	0 22	11 13	2 32	2 25	0 45	6 58	0 52	20 28	1 52	21 32	21 24	0 23	1 47	4 32						
M10	15 41	1s49	4 3	20 4	0n 7	19 42	3 42	23 40	0 17	19 15	0 22	11 13	2 32	2 24	0 45	6 57	0 52	20 28	1 52	21 31	21 24	0 20	1 46	4 32						
T 11	15 23	6 53	3 21	19 54	0 20	19 44	3 39	23 40	0 17	19 12	0 22	11 13	2 33	2 24	0 45	6 56	0 52	20 28	1 52	21 30	21 23	0 17	1 45	4 32						
W12	15 5	11 44	2 30	19 40	0 31	19 47	3 35	23 40	0 18	19 9	0 22	11 13	2 33	2 23	0 45	6 55	0 52	20 29	1 52	21 30	21 23	0 14	1 44	4 32						
T 13	14 47	16 12	1 31	19 24	0 42	19 49	3 31	23 40	0 19	19 6	0 23	11 13	2 33	2 23	0 45	6 55	0 52	20 29	1 51	21 29	21 22	0 10	1 44	4 32						
F 14	14 29	20 5	0 28	19 5	0 52	19 51	3 27	23 39	0 20	19 3	0 23	11 13	2 33	2 22	0 45	6 54	0 52	20 29	1 51	21 30	21 22	0 7	1 43	4 32						
S 15	14 11	23 9	0s38	18 44	1 1	19 52	3 23	23 38	0 21	18 59	0 23	11 13	2 34	2 21	0 45	6 53	0 52	20 29	1 51	21 30	21 21	0 4	1 42	4 32						
S 16	13 52	25 8	1 45	18 20	1 9	19 54	3 19	23 38	0 21	18 56	0 23	11 13	2 34	2 21	0 45	6 52	0 52	20 30	1 51	21 29	21 21	0 1	1 41	4 32						
M17	13 33	25 45	2 47	17 53	1 17	19 54	3 15	23 36	0 22	18 53	0 23	11 13	2 34	2 20	0 45	6 51	0 52	20 30	1 51	21 29	21 20	0s 2	1 40	4 32						
T 18	13 14	24 50	3 43	17 24	1 23	19 55	3 11	23 35	0 23	18 50	0 23	11 13	2 34	2 20	0 45	6 51	0 52	20 30	1 51	21 28	21 19	0 5	1 39	4 32						
W19	12 55	22 18	4 26	16 53	1 29	19 55	3 7	23 34	0 24	18 47	0 23	11 12	2 35	2 19	0 45	6 50	0 52	20 30	1 51	21 26	21 19	0 8	1 38	4 32						
T 20	12 35	18 17	4 53	16 20	1 34	19 55	3 3	23 32	0 25	18 43	0 23	11 12	2 35	2 18	0 45	6 49	0 52	20 31	1 51	21 24	21 18	0 11	1 37	4 32						
F 21	12 15	13 4	5 0	15 44	1 38	19 54	2 58	23 30	0 26	18 40	0 23	11 12	2 35	2 18	0 45	6 48	0 52	20 31	1 50	21 23	21 18	0 14	1 37	4 32						
S 22	11 56	7 3	4 48	15 7	1 41	19 53	2 54	23 28	0 26	18 37	0 23	11 11	2 35	2 17	0 45	6 47	0 52	20 31	1 50	21 21	21 17	0 17	1 36	4 32						
S 23	11 35	0 38	4 15	14 28	1 43	19 51	2 50	23 26	0 27	18 34	0 24	11 11	2 36	2 16	0 45	6 46	0 52	20 32	1 50	21 19	21 17	0 20	1 35	4 32						
M24	11 15	5n45	3 26	13 48	1 45	19 49	2 45	23 24	0 28	18 31	0 24	11 11	2 36	2 15	0 46	6 46	0 52	20 32	1 50	21 18	21 16	0 23	1 34	4 33						
T 25	10 55	11 43	2 25	13 6	1 46	19 47	2 41	23 21	0 29	18 27	0 24	11 10	2 36	2 15	0 46	6 45	0 52	20 32	1 50	21 18	21 16	0 26	1 33	4 33						
W26	10 34	16 57	1 15	12 24	1 46	19 44	2 36	23 18	0 30	18 24	0 24	11 10	2 36	2 14	0 46	6 44	0 52	20 32	1 50	21 18	21 15	0 29	1 32	4 33						
T 27	10 13	21 8	0 3	11 40	1 45	19 40	2 32	23 15	0 31	18 21	0 24	11 9	2 37	2 13	0 46	6 43	0 52	20 33	1 50	21 17	21 15	0 32	1 31	4 33						
F 28	9 52	24 4	1n 7	10 55	1 44	19 37	2 27	23 12	0 31	18 18	0 24	11 9	2 37	2 12	0 46	6 42	0 52	20 33	1 49	21 17	21 14	0 36	1 29	4 33						
S 29	9 31	25 36	2 13	10 10	1 42	19 32	2 23	23 9	0 32	18 14	0 24	11 8	2 37	2 12	0 46	6 41	0 52	20 33	1 49	21 17	21 13	0 39	1 28	4 33						
S 30	9 10	25 42	3 10	9 24	1 40	19 28	2 18	23 5	0 33	18 11	0 24	11 8	2 37	2 11	0 46	6 41	0 52	20 33	1 49	21 17	21 13	0 42	1 27	4 33						
M31	8n49	24n27	3n57	8n38	1n37	19n22	2s14	23n 2	0n34	18n 8	0n24	11n 7	2s38	2n10	0s46	6n40	0n52	20s34	1n49	21n15	21n12	0s45	1n26	4n33						

ASTRODIENST EPHEMERIS for the year 2263
geocentric

SEPTEMBER 2263

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 7	8 ^h 17'29	10 ^h 16	13 ^h 39	23 ^h 18	16 ^h 29	10 ^h 18	6 ^h 16	7 ^h 12	15 ^h 8	16 ^h 42	5 ^h 43	5 ^h 32	11 ^h 43	23 ^h 3	T 1
W 2	22 43 4	9 ^h 15'27	22 ^h 38	15 ^h 32	24 ^h 21	17 ^h 8	10 ^h 20	6 ^h 15	7 ^h 10	15 ^h 10	16 ^h 41	5 ^h 31	5 ^h 28	11 ^h 50	23 ^h 0	W 2
T 3	22 47 0	10 ^h 13'26	4 ^h 51	17 ^h 23	25 ^h 24	17 ^h 46	10 ^h 33	6 ^h 13	7 ^h 8	15 ^h 12	16 ^h 41	5 ^h 17	5 ^h 25	11 ^h 56	22 ^h 57	T 3
F 4	22 50 57	11 ^h 11'27	16 ^h 55	19 ^h 13	26 ^h 28	18 ^h 24	10 ^h 45	6 ^h 12	7 ^h 6	15 ^h 14	16 ^h 40	5 ^h 3	5 ^h 22	12 ^h 3	22 ^h 54	F 4
S 5	22 54 53	12 ^h 9'30	28 ^h 53	21 ^h 2	27 ^h 32	19 ^h 2	10 ^h 57	6 ^h 10	7 ^h 4	15 ^h 17	16 ^h 39	4 ^h 50	5 ^h 19	12 ^h 10	22 ^h 52	S 5
S 6	22 58 50	13 ^h 7'34	10 ^h 46	22 ^h 49	28 ^h 36	19 ^h 41	11 ^h 10	6 ^h 8	7 ^h 2	15 ^h 19	16 ^h 39	4 ^h 39	5 ^h 16	12 ^h 16	22 ^h 49	S 6
M 7	23 2 46	14 ^h 5'39	22 ^h 35	24 ^h 35	29 ^h 41	20 ^h 19	11 ^h 22	6 ^h 6	7 ^h 0	15 ^h 21	16 ^h 38	4 ^h 30	5 ^h 13	12 ^h 23	22 ^h 46	M 7
T 8	23 6 43	15 ^h 3'47	4 ^h 23	26 ^h 20	0 ^h 45	20 ^h 57	11 ^h 34	6 ^h 4	6 ^h 57	15 ^h 23	16 ^h 37	4 ^h 24	5 ^h 9	12 ^h 30	22 ^h 43	T 8
W 9	23 10 39	16 ^h 1'55	16 ^h 14	28 ^h 4	1 ^h 50	21 ^h 35	11 ^h 46	6 ^h 2	6 ^h 55	15 ^h 25	16 ^h 37	4 ^h 20	5 ^h 6	12 ^h 36	22 ^h 40	W 9
T 10	23 14 36	17 ^h 0'05	28 ^h 13	29 ^h 46	2 ^h 55	22 ^h 12	11 ^h 58	6 ^h 0	6 ^h 53	15 ^h 28	16 ^h 36	4 ^h 19	5 ^h 3	12 ^h 43	22 ^h 37	T 10
F 11	23 18 33	17 ^h 58'17	10 ^h 23	1 ^h 27	4 ^h 1	22 ^h 50	12 ^h 10	5 ^h 57	6 ^h 51	15 ^h 30	16 ^h 36	4 ^h D19	5 ^h 0	12 ^h 50	22 ^h 34	F 11
S 12	23 22 29	18 ^h 56'30	22 ^h 51	3 ^h 7	5 ^h 6	23 ^h 28	12 ^h 22	5 ^h 55	6 ^h 49	15 ^h 32	16 ^h 35	4 ^h R19	4 ^h 57	12 ^h 56	22 ^h 31	S 12
S 13	23 26 26	19 ^h 54'44	5 ^h 31	4 ^h 46	6 ^h 12	24 ^h 5	12 ^h 34	5 ^h 53	6 ^h 46	15 ^h 34	16 ^h 35	4 ^h 18	4 ^h 54	13 ^h 3	22 ^h 29	S 13
M14	23 30 22	20 ^h 53'01	18 ^h 57	6 ^h 24	7 ^h 18	24 ^h 43	12 ^h 46	5 ^h 50	6 ^h 44	15 ^h 37	16 ^h 34	4 ^h 15	4 ^h 50	13 ^h 10	22 ^h 26	M14
T 15	23 34 19	21 ^h 51'18	2 ^h 44	8 ^h 1	8 ^h 24	25 ^h 20	12 ^h 57	5 ^h 47	6 ^h 42	15 ^h 39	16 ^h 34	4 ^h 10	4 ^h 47	13 ^h 17	22 ^h 23	T 15
W16	23 38 15	22 ^h 49'37	17 ^h 0	9 ^h 36	9 ^h 31	25 ^h 57	13 ^h 9	5 ^h 45	6 ^h 39	15 ^h 41	16 ^h 33	4 ^h 2	4 ^h 44	13 ^h 23	22 ^h 20	W16
T 17	23 42 12	23 ^h 47'58	1 ^h 43	11 ^h 10	10 ^h 38	26 ^h 34	13 ^h 21	5 ^h 42	6 ^h 37	15 ^h 43	16 ^h 33	3 ^h 53	4 ^h 41	13 ^h 30	22 ^h 17	T 17
F 18	23 46 8	24 ^h 46'20	16 ^h 47	12 ^h 43	11 ^h 44	27 ^h 11	13 ^h 32	5 ^h 39	6 ^h 35	15 ^h 45	16 ^h 33	3 ^h 43	4 ^h 38	13 ^h 37	22 ^h 14	F 18
S 19	23 50 5	25 ^h 44'44	2 ^h 1	14 ^h 16	12 ^h 51	27 ^h 48	13 ^h 44	5 ^h 36	6 ^h 32	15 ^h 48	16 ^h 32	3 ^h 33	4 ^h 34	13 ^h 43	22 ^h 11	S 19
S 20	23 54 2	26 ^h 43'10	17 ^h 16	15 ^h 47	13 ^h 59	28 ^h 25	13 ^h 55	5 ^h 33	6 ^h 30	15 ^h 50	16 ^h 32	3 ^h 25	4 ^h 31	13 ^h 50	22 ^h 8	S 20
M21	23 57 58	27 ^h 41'37	2 ^h 20	17 ^h 16	15 ^h 6	29 ^h 2	14 ^h 6	5 ^h 29	6 ^h 28	15 ^h 52	16 ^h 32	3 ^h 19	4 ^h 28	13 ^h 57	22 ^h 5	M21
T 22	0 1 55	28 ^h 40'07	17 ^h 5	18 ^h 45	16 ^h 14	29 ^h 39	14 ^h 18	5 ^h 26	6 ^h 25	15 ^h 54	16 ^h 32	3 ^h 16	4 ^h 25	14 ^h 3	22 ^h 2	T 22
W23	0 5 51	29 ^h 38'40	1 ^h 27	20 ^h 13	17 ^h 22	0 ^h 15	14 ^h 29	5 ^h 23	6 ^h 23	15 ^h 56	16 ^h 31	3 ^h D15	4 ^h 22	14 ^h 10	22 ^h 0	W23
T 24	0 9 48	0 ^h 37'14	15 ^h 23	21 ^h 40	18 ^h 29	0 ^h 52	14 ^h 40	5 ^h 19	6 ^h 21	15 ^h 59	16 ^h 31	3 ^h 16	4 ^h 19	14 ^h 17	21 ^h 57	T 24
F 25	0 13 44	1 ^h 35'51	28 ^h 53	23 ^h 5	19 ^h 38	1 ^h 28	14 ^h 51	5 ^h 16	6 ^h 18	16 ^h 1	16 ^h 31	3 ^h R16	4 ^h 15	14 ^h 23	21 ^h 54	F 25
S 26	0 17 41	2 ^h 34'29	12 ^h 1	24 ^h 29	20 ^h 46	2 ^h 5	15 ^h 2	5 ^h 12	6 ^h 16	16 ^h 3	16 ^h 31	3 ^h 16	4 ^h 12	14 ^h 30	21 ^h 51	S 26
S 27	0 21 37	3 ^h 33'11	24 ^h 50	25 ^h 52	21 ^h 54	2 ^h 41	15 ^h 13	5 ^h 9	6 ^h 13	16 ^h 5	16 ^h 31	3 ^h 13	4 ^h 9	14 ^h 37	21 ^h 48	S 27
M28	0 25 34	4 ^h 31'54	7 ^h 22	27 ^h 14	23 ^h 3	3 ^h 17	15 ^h 23	5 ^h 5	6 ^h 11	16 ^h 7	16 ^h 31	3 ^h 9	4 ^h 6	14 ^h 44	21 ^h 45	M28
T 29	0 29 31	5 ^h 30'39	19 ^h 42	28 ^h 35	24 ^h 12	3 ^h 53	15 ^h 34	5 ^h 1	6 ^h 9	16 ^h 9	16 ^h D31	3 ^h 2	4 ^h 3	14 ^h 50	21 ^h 42	T 29
W30	0 33 27	6 ^h 29'27	1 ^h 52	29 ^h 54	25 ^h 21	4 ^h 29	15 ^h 45	4 ^h 57	6 ^h 1	16 ^h 11	16 ^h 31	2 ^h II53	4 ^h II0	14 ^h 57	21 ^h 40	W30

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n27	21n59	4n31	7n51	1n33	19n17	2s 9	22n58	0n35	18n 5	0n25	11n 6	2s38	2n 9	0s46	6n39	0n52	20s34	1n49	21n14	21n12	0s48	1n25	4n33					
W 2	8 5	18 33	4 52	7 4	1 29	19 11	2 4	22 54	0 36	18 1	0 25	11 6	2 38	2 9	0 46	6 38	0 52	20 34	1 49	21 12	21 11	0 51	1 24	4 33					
T 3	7 43	14 22	5 0	6 17	1 25	19 4	2 0	22 50	0 37	17 58	0 25	11 5	2 38	2 8	0 46	6 37	0 52	20 34	1 49	21 9	21 11	0 54	1 23	4 33					
F 4	7 22	9 39	4 53	5 30	1 21	18 57	1 55	22 46	0 37	17 55	0 25	11 4	2 39	2 7	0 46	6 36	0 52	20 35	1 48	21 7	21 10	0 57	1 22	4 33					
S 5	6 59	4 38	4 34	4 43	1 16	18 49	1 50	22 41	0 38	17 52	0 25	11 3	2 39	2 6	0 46	6 35	0 52	20 35	1 48	21 4	21 10	1 0	1 21	4 33					
S 6	6 37	0s32	4 3	3 55	1 10	18 41	1 46	22 37	0 39	17 48	0 25	11 3	2 39	2 5	0 46	6 35	0 52	20 35	1 48	21 2	21 9	1 3	1 20	4 33					
M 7	6 15	5 39	3 22	3 8	1 5	18 32	1 41	22 32	0 40	17 45	0 25	11 2	2 39	2 4	0 46	6 34	0 52	20 35	1 48	21 1	21 8	1 6	1 18	4 33					
T 8	5 53	10 35	2 31	2 21	0 59	18 23	1 36	22 27	0 41	17 42	0 25	11 1	2 40	2 3	0 46	6 33	0 52	20 35	1 48	21 0	21 8	1 9	1 17	4 33					
W 9	5 30	15 10	1 34	1 34	0 53	18 14	1 32	22 22	0 42	17 39	0 26	11 0	2 40	2 3	0 46	6 32	0 52	20 36	1 48	20 59	21 7	1 13	1 16	4 32					
T 10	5 8	19 13	0 32	0 48	0 46	18 4	1 27	22 17	0 43	17 35	0 26	10 59	2 40	2 2	0 46	6 31	0 52	20 36	1 48	20 59	21 7	1 16	1 15	4 32					
F 11	4 45	22 30	0s32	0 2	0 40	17 53	1 23	22 12	0 44	17 32	0 26	10 58	2 40	2 1	0 46	6 30	0 52	20 36	1 47	20 59	21 6	1 19	1 14	4 32					
S 12	4 22	24 49	1 37	0s44	0 33	17 42	1 18	22 6	0 44	17 29	0 26	10 57	2 40	2 0	0 46	6 29	0 52	20 36	1 47	20 59	21 6	1 22	1 13	4 32					
S 13	3 59	25 55	2 38	1 30	0 26	17 31	1 13	22 1	0 45	17 26	0 26	10 56	2 41	1 59	0 46	6 29	0 52	20 36	1 47	20 58	21 5	1 25	1 11	4 32					
M14	3 37	25 35	3 33	2 15	0 19	17 19	1 9	21 55	0 46	17 23	0 26	10 55	2 41	1 58	0 46	6 28	0 52	20 37	1 47	20 58	21 4	1 28	1 10	4 32					
T 15	3 14	23 43	4 18	3 0	0 11	17 6	1 4	21 49	0 47	17 19	0 26	10 54	2 41	1 57	0 46	6 27	0 52	20 37	1 47	20 57	21 4	1 31	1 9	4 32					
W16	2 51	20 19	4 49	3 44	0 4	16 53	1 0	21 43	0 48	17 16	0 26	10 53	2 41	1 56	0 46	6 26	0 52	20 37	1 47	20 56	21 3	1 34	1 8	4 32					
T 17	2 28	15 33	5 2	4 28	0s 3	16 40	0 55	21 37	0 49	17 13	0 27	10 52	2 41	1 55	0 46	6 25	0 52	20 37	1 46	20 54	21 3	1 37	1 6	4 32					
F 18	2 4	9 44	4 55	5 11	0 11	16 26	0 51	21 30	0 50	17 10	0 27	10 51	2 42	1 54	0 46	6 24	0 52	20 37	1 46	20 52	21 2	1 40	1 5	4 32					
S 19	1 41	3 16	4 26	5 54	0 19	16 11	0 46	21 24	0 51	17 7	0 27	10 49	2 42	1 53	0 46	6 24	0 52	20 38	1 46	20 50	21 1	1 43	1 4	4 32					
S 20	1 18	3n24	3 39	6 36	0 26	15 56	0 42	21 18	0 52	17 4	0 27	10 48	2 42	1 53	0 46	6 23	0 52	20 38	1 46	20 49	21 1	1 46	1 3	4 32					
M21	0 55	9 49	2 37	7 18	0 34	15 41	0 38	21 11	0 53	17 0	0 27	10 47	2 42	1 52	0 46	6 22	0 52	20 38	1 46	20 47	21 0	1 50	1 2	4 32					
T 22	0 32	15 33	1 25	7 59	0 42	15 25	0 33	21 4	0 54	16 57	0 27	10 46	2 42	1 51	0 46	6 21	0 52	20 38	1 46	20 47	21 0	1 53	1 0	4 31					
W23	0 8	20 16	0 10	8 39	0 50	15 9	0 29	20 57	0 54	16 54	0 27	10 44	2 43	1 50	0 46	6 20	0 52	20 38	1 46	20 47	20 59	1 56	0 59	4 31					
T 24	0s15	23 40	1n 4	9 19	0 57	14 52	0 25	20 50	0 55	16 51	0 28	10 43	2 43	1 49	0 46	6 19	0 52	20 39	1 45	20 47	20 59	1 59	0 58	4 31					
F 25	0 38	25 36	2 12	9 58	1 5	14 35	0 20	20 43	0 56	16 48	0 28	10 42	2 43	1 48	0 46	6 19	0 52	20 39	1 45	20 47	20 58	2 2	0 57	4 31					
S 26	1 1	26 3	3 12	10 36	1 13	14 18	0 16	20 36	0 57	16 45	0 28	10 41	2 43	1 47	0 46	6 18	0 52	20 39	1 45	20 47	20 57	2 5	0 55	4 31					
S 27	1 25	25 3	3 59	11 14	1 21	14 0	0 12	20 29	0 58	16 42	0 28	10 39	2 43	1 46	0 46	6 17	0 52	20 39	1 45	20 46	20 57	2 8	0 54	4 31					
M28	1 48	22 50	4 35	11 51	1 28	13 41	0 8	20 21	0 59	16 39	0 28	10 38	2 43	1 45	0 46	6 16	0 52	20 39	1 45	20 45	20 56	2 11	0 53	4 31					
T 29	2 11	19 34	4 57	12 27	1 36	13 22	0 4	20 14	0 10	16 36	0 28	10 36	2 44	1 44	0 46	6 15	0 52	20 39	1 45	20 44	20 56	2 14	0 52	4 31					
W30	2s34	15n32	5n 5	13s 2	1s43	13n 3	0n 0	20n 6	1n 1	16n33	0n28	10n35	2s44	1n43	0s46	6n14	0n52	20s39	1n45	20n42	20n55	2s17	0n51	4n30					

ASTRODIENST EPHEMERIS for the year 2263
geocentric

OCTOBER 2263

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	0 37 24	7♌28'16	13♍55	1♊12	26♊30	5♏ 5	15♏55	4°R53	6°R 4	16♍14	16♊31	2°R42	3♊56	15♌ 4	21°R37	T 1
F 2	0 41 20	8°27'08	25°51	2°29	27°39	5°40	16° 6	4♊50	6°Y 1	16°16	16°31	2♊32	3°53	15°10	21°K34	F 2
S 3	0 45 17	9°26'01	7♌44	3°44	28°49	6°16	16°16	4°45	5°59	16°18	16°31	2°21	3°50	15°17	21°31	S 3
S 4	0 49 13	10°24'57	19°34	4°58	29°58	6°51	16°26	4°41	5°56	16°20	16°31	2°13	3°47	15°24	21°29	S 4
M 5	0 53 10	11°23'54	1♊23	6°10	1♍ 8	7°27	16°36	4°37	5°54	16°22	16°31	2° 6	3°44	15°30	21°26	M 5
T 6	0 57 6	12°22'54	13°13	7°20	2°18	8° 2	16°46	4°33	5°52	16°24	16°32	2° 2	3°40	15°37	21°23	T 6
W 7	1 1 3	13°21'55	25° 7	8°29	3°28	8°37	16°56	4°29	5°49	16°26	16°32	2° 0	3°37	15°44	21°21	W 7
T 8	1 5 0	14°20'59	7♌ 8	9°35	4°38	9°12	17° 6	4°24	5°47	16°28	16°32	2°D 0	3°34	15°50	21°18	T 8
F 9	1 8 56	15°20'04	19°20	10°40	5°48	9°47	17°16	4°20	5°45	16°30	16°32	2° 1	3°31	15°57	21°15	F 9
S 10	1 12 53	16°19'11	1♊48	11°42	6°58	10°22	17°25	4°16	5°42	16°32	16°33	2° 2	3°28	16° 4	21°13	S 10
S 11	1 16 49	17°18'20	14°35	12°41	8° 9	10°56	17°35	4°11	5°40	16°34	16°33	2°R 3	3°25	16°10	21°10	S 11
M12	1 20 46	18°17'30	27°45	13°38	9°19	11°31	17°44	4° 7	5°37	16°36	16°33	2° 2	3°21	16°17	21° 8	M12
T 13	1 24 42	19°16'42	11♌23	14°32	10°30	12° 5	17°53	4° 2	5°35	16°38	16°34	2° 0	3°18	16°24	21° 5	T 13
W14	1 28 39	20°15'56	25°30	15°23	11°41	12°40	18° 3	3°58	5°33	16°40	16°34	1°56	3°15	16°31	21° 3	W14
T 15	1 32 35	21°15'12	10♊ 4	16°10	12°52	13°14	18°12	3°53	5°31	16°42	16°35	1°51	3°12	16°37	21° 1	T 15
F 16	1 36 32	22°14'29	25° 0	16°53	14° 3	13°48	18°21	3°48	5°28	16°44	16°35	1°45	3° 9	16°44	20°58	F 16
S 17	1 40 29	23°13'48	10°Y12	17°32	15°14	14°22	18°29	3°44	5°26	16°45	16°36	1°39	3° 5	16°51	20°56	S 17
S 18	1 44 25	24°13'09	25°30	18° 6	16°25	14°55	18°38	3°39	5°24	16°47	16°36	1°35	3° 2	16°57	20°54	S 18
M19	1 48 22	25°12'33	10♊41	18°36	17°37	15°29	18°47	3°34	5°21	16°49	16°37	1°31	2°59	17° 4	20°51	M19
T 20	1 52 18	26°11'58	25°38	18°59	18°48	16° 3	18°55	3°30	5°19	16°51	16°38	1°D30	2°56	17°11	20°49	T 20
W21	1 56 15	27°11'26	10♊12	19°17	20° 0	16°36	19° 4	3°25	5°17	16°53	16°38	1°30	2°53	17°17	20°47	W21
T 22	2 0 11	28°10'56	24°20	19°28	21°12	17° 9	19°12	3°20	5°15	16°55	16°39	1°31	2°50	17°24	20°45	T 22
F 23	2 4 8	29°10'28	8♊ 0	19°R32	22°23	17°42	19°20	3°15	5°13	16°56	16°40	1°33	2°46	17°31	20°43	F 23
S 24	2 8 4	0♊10'02	21°14	19°28	23°35	18°15	19°28	3°11	5°11	16°58	16°40	1°34	2°43	17°37	20°41	S 24
S 25	2 12 1	1° 9'39	4♊ 5	19°16	24°47	18°48	19°36	3° 6	5° 9	17° 0	16°41	1°R34	2°40	17°44	20°39	S 25
M26	2 15 58	2° 9'18	16°36	18°56	26° 0	19°21	19°43	3° 1	5° 6	17° 2	16°42	1°33	2°37	17°51	20°37	M26
T 27	2 19 54	3° 8'59	28°52	18°26	27°12	19°53	19°51	2°56	5° 4	17° 3	16°43	1°31	2°34	17°57	20°35	T 27
W28	2 23 51	4° 8'42	10♍56	17°48	28°24	20°26	19°58	2°51	5° 2	17° 5	16°44	1°27	2°31	18° 4	20°33	W28
T 29	2 27 47	5° 8'28	22°52	17° 1	29°36	20°58	20° 6	2°47	5° 0	17° 6	16°45	1°23	2°27	18°11	20°31	T 29
F 30	2 31 44	6° 8'15	4♌44	16° 6	0♌49	21°30	20°13	2°42	4°58	17° 8	16°45	1°18	2°24	18°17	20°29	F 30
S 31	2 35 40	7♊ 8'05	16♌33	15♊ 3	2♌ 2	22♌ 2	20♌20	2♊37	4°Y56	17♍10	16♊46	1♊14	2♊21	18♌24	20°K27	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	2s58	10n55	4n59	13s36	1s51	12n44	0n 4	19n58	1n 2	16n30	0n29	10n34	2s44	1n42	0s46	6n14	0n52	20s40	1n44	20n40	20n54	2s21	0n49	4n30	
F 2	3 21	5 56	4 40	14 10	1 58	12 24	0 8	19 51	1 3	16 27	0 29	10 32	2 44	1 41	0 46	6 13	0 52	20 40	1 44	20 38	20 54	2 24	0 48	4 30	
S 3	3 44	0 45	4 9	14 42	2 5	12 3	0 12	19 43	1 4	16 24	0 29	10 31	2 44	1 40	0 46	6 12	0 52	20 40	1 44	20 36	20 53	2 27	0 47	4 30	
S 4	4 7	4s26	3 28	15 14	2 12	11 42	0 15	19 35	1 5	16 21	0 29	10 29	2 44	1 39	0 46	6 11	0 52	20 40	1 44	20 35	20 53	2 30	0 46	4 30	
M 5	4 30	9 29	2 37	15 44	2 19	11 21	0 19	19 27	1 6	16 18	0 29	10 28	2 44	1 38	0 46	6 11	0 52	20 40	1 44	20 33	20 52	2 33	0 44	4 30	
T 6	4 53	14 12	1 40	16 14	2 25	11 0	0 23	19 19	1 7	16 15	0 29	10 26	2 44	1 37	0 46	6 10	0 52	20 40	1 44	20 32	20 51	2 36	0 43	4 30	
W 7	5 16	18 25	0 37	16 42	2 32	10 38	0 26	19 10	1 8	16 12	0 30	10 25	2 44	1 36	0 46	6 9	0 52	20 40	1 43	20 32	20 51	2 39	0 42	4 29	
T 8	5 39	21 56	0s28	17 10	2 38	10 16	0 30	19 2	1 9	16 10	0 30	10 23	2 45	1 36	0 46	6 8	0 52	20 41	1 43	20 32	20 50	2 42	0 41	4 29	
F 9	6 2	24 31	1 32	17 36	2 44	9 53	0 33	18 54	1 10	16 7	0 30	10 22	2 45	1 35	0 46	6 7	0 52	20 41	1 43	20 32	20 50	2 45	0 40	4 29	
S 10	6 25	25 58	2 34	18 0	2 49	9 30	0 37	18 45	1 11	16 4	0 30	10 20	2 45	1 34	0 46	6 7	0 52	20 41	1 43	20 32	20 49	2 48	0 38	4 29	
S 11	6 47	26 5	3 30	18 24	2 54	9 7	0 40	18 37	1 12	16 1	0 30	10 19	2 45	1 33	0 46	6 6	0 52	20 41	1 43	20 33	20 48	2 52	0 37	4 29	
M12	7 10	24 46	4 16	18 45	2 59	8 44	0 43	18 28	1 13	15 59	0 30	10 17	2 45	1 32	0 46	6 5	0 52	20 41	1 43	20 32	20 48	2 55	0 36	4 28	
T 13	7 32	21 59	4 50	19 6	3 4	8 20	0 46	18 20	1 14	15 56	0 31	10 15	2 45	1 31	0 46	6 4	0 52	20 41	1 43	20 32	20 47	2 58	0 35	4 28	
W14	7 55	17 50	5 8	19 25	3 8	7 56	0 49	18 11	1 15	15 53	0 31	10 14	2 45	1 30	0 46	6 4	0 52	20 41	1 42	20 31	20 47	3 1	0 34	4 28	
T 15	8 17	12 31	5 7	19 42	3 11	7 32	0 52	18 2	1 16	15 51	0 31	10 12	2 45	1 29	0 46	6 3	0 52	20 41	1 42	20 30	20 46	3 4	0 33	4 28	
F 16	8 39	6 21	4 45	19 57	3 14	7 7	0 55	17 53	1 17	15 48	0 31	10 11	2 45	1 28	0 46	6 2	0 52	20 41	1 42	20 29	20 45	3 7	0 32	4 28	
S 17	9 1	0n19	4 3	20 10	3 16	6 42	0 58	17 44	1 18	15 46	0 31	10 9	2 45	1 27	0 46	6 2	0 52	20 41	1 42	20 28	20 45	3 10	0 30	4 27	
S 18	9 23	7 0	3 3	20 21	3 17	6 17	1 1	17 36	1 19	15 43	0 31	10 7	2 45	1 27	0 46	6 1	0 53	20 41	1 42	20 27	20 44	3 13	0 29	4 27	
M19	9 44	13 15	1 51	20 30	3 18	5 52	1 4	17 27	1 20	15 40	0 32	10 6	2 45	1 26	0 46	6 0	0 53	20 42	1 42	20 26	20 44	3 16	0 28	4 27	
T 20	10 6	18 37	0 32	20 36	3 18	5 27	1 6	17 18	1 21	15 38	0 32	10 4	2 45	1 25	0 46	6 0	0 53	20 42	1 42	20 26	20 43	3 20	0 27	4 27	
W21	10 28	22 44	0n47	20 40	3 16	5 1	1 9	17 9	1 22	15 36	0 32	10 3	2 45	1 24	0 46	5 59	0 53	20 42	1 41	20 26	20 42	3 23	0 26	4 26	
T 22	10 49	25 19	2 2	20 41	3 14	4 35	1 12	17 0	1 23	15 33	0 32	10 1	2 45	1 23	0 46	5 58	0 53	20 42	1 41	20 26	20 42	3 26	0 25	4 26	
F 23	11 10	26 16	3 6	20 39	3 10	4 9	1 14	16 50	1 24	15 31	0 32	9 59	2 45	1 22	0 46	5 58	0 53	20 42	1 41	20 27	20 41	3 29	0 24	4 26	
S 24	11 31	25 40	3 59	20 33	3 5	3 43	1 16	16 41	1 25	15 29	0 32	9 58	2 45	1 21	0 46	5 57	0 53	20 42	1 41	20 27	20 40	3 32	0 23	4 26	
S 25	11 52	23 43	4 38	20 23	2 59	3 16	1 18	16 32	1 26	15 26	0 33	9 56	2 45	1 21	0 46	5 56	0 53	20 42	1 41	20 27	20 40	3 35	0 22	4 25	
M26	12 12	20 39	5 3	20 10	2 51	2 49	1 21	16 23	1 27	15 24	0 33	9 55	2 45	1 20	0 45	5 56	0 53	20 42	1 41	20 27	20 39	3 38	0 21	4 25	
T 27	12 33	16 44	5 13	19 53	2 42	2 23	1 23	16 14	1 28	15 22	0 33	9 53	2 45	1 19	0 45	5 55	0 53	20 42	1 40	20 26	20 39	3 41	0 20	4 25	
W28	12 53	12 13	5 9	19 31	2 30	1 56	1 25	16 4	1 30	15 20	0 33	9 51	2 45	1 18	0 45	5 54	0 53	20 42	1 40	20 25	20 38	3 44	0 19	4 25	
T 29	13 13	7 17	4 52	19 5	2 17	1 29	1 27	15 55	1 31	15 18	0 33	9 50	2 45	1 17	0 45	5 54	0 53	20 42	1 40	20 25	20 37	3 47	0 18	4 24	
F 30	13 33	2 8	4 22	18 35	2 3	1 2	1 28	15 46	1 32	15 15	0 34	9 48	2 45	1 17	0 45	5 53	0 53	20 42	1 40	20 24	20 37	3 51	0 17	4 24	
S 31	13s53	3s 6	3n41	18s 1	1s46	0n34	1n30	15n37	1n33	15n13	0n34	9n47	2s45	1n16	0s45	5n53	0n53	20s42	1n40	20n23	20n36	3s54	0n16	4n24	

ASTRODIENST EPHEMERIS for the year 2263

geocentric

NOVEMBER 2263

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 39 37	8♈757	28♌23	13°R54	3♊14	22♈33	20♈27	2°R32	4°R55	17♏11	16♌47	1°R10	2♈18	18♌31	20°R26	S 1
M 2	2 43 33	9° 751	10♈16	12♈40	4°27	23° 5	20°33	2♌28	4°Y53	17°13	16°48	1♈ 8	2°15	18°38	20°K24	M 2
T 3	2 47 30	10° 746	22°12	11°24	5°40	23°36	20°40	2°23	4°51	17°14	16°49	1° 6	2°11	18°44	20°22	T 3
W 4	2 51 26	11° 744	4♌15	10° 7	6°53	24° 7	20°46	2°18	4°49	17°16	16°50	1°D 6	2° 8	18°51	20°21	W 4
T 5	2 55 23	12° 743	16°26	8°52	8° 6	24°39	20°53	2°13	4°47	17°17	16°52	1° 7	2° 5	18°58	20°19	T 5
F 6	2 59 20	13° 744	28°48	7°41	9°19	25° 9	20°59	2° 9	4°46	17°19	16°53	1° 8	2° 2	19° 4	20°18	F 6
S 7	3 3 16	14° 747	11♌23	6°36	10°32	25°40	21° 5	2° 4	4°44	17°20	16°54	1°10	1°59	19°11	20°16	S 7
S 8	3 7 13	15° 752	24°14	5°40	11°45	26°10	21°10	1°59	4°42	17°21	16°55	1°11	1°56	19°18	20°15	S 8
M 9	3 11 9	16° 758	7♌24	4°54	12°58	26°41	21°16	1°55	4°41	17°23	16°56	1°12	1°52	19°24	20°14	M 9
T 10	3 15 6	17° 805	20°56	4°18	14°11	27°11	21°22	1°50	4°39	17°24	16°57	1°R12	1°49	19°31	20°13	T 10
W11	3 19 2	18° 814	4♌50	3°55	15°25	27°41	21°27	1°46	4°37	17°25	16°59	1°11	1°46	19°38	20°11	W11
T 12	3 22 59	19° 824	19° 7	3°42	16°38	28°10	21°32	1°41	4°36	17°27	17° 0	1°10	1°43	19°44	20°10	T 12
F 13	3 26 56	20° 836	3♈45	3°D42	17°52	28°40	21°37	1°37	4°34	17°28	17° 1	1° 9	1°40	19°51	20° 9	F 13
S 14	3 30 52	21° 850	18°38	3°52	19° 5	29° 9	21°42	1°33	4°33	17°29	17° 3	1° 8	1°37	19°58	20° 8	S 14
S 15	3 34 49	22° 905	3♌39	4°12	20°19	29°38	21°46	1°28	4°32	17°30	17° 4	1° 7	1°33	20° 4	20° 7	S 15
M16	3 38 45	23° 921	18°41	4°43	21°33	0♈ 7	21°51	1°24	4°30	17°31	17° 5	1° 6	1°30	20°11	20° 6	M16
T 17	3 42 42	24° 939	3♈35	5°21	22°46	0°36	21°55	1°20	4°29	17°33	17° 7	1°D 6	1°27	20°18	20° 5	T 17
W18	3 46 38	25° 959	18°11	6° 8	24° 0	1° 4	21°59	1°16	4°28	17°34	17° 8	1° 6	1°24	20°24	20° 5	W18
T 19	3 50 35	26°10'21	2♌26	7° 1	25°14	1°33	22° 3	1°11	4°26	17°35	17° 9	1° 7	1°21	20°31	20° 4	T 19
F 20	3 54 31	27°10'45	16°15	8° 0	26°28	2° 1	22° 7	1° 7	4°25	17°36	17°11	1° 7	1°17	20°38	20° 3	F 20
S 21	3 58 28	28°11'11	29°38	9° 5	27°42	2°28	22°11	1° 3	4°24	17°37	17°12	1° 7	1°14	20°44	20° 3	S 21
S 22	4 2 25	29°11'38	12♈35	10°14	28°56	2°56	22°14	0°59	4°23	17°38	17°14	1° 8	1°11	20°51	20° 2	S 22
M23	4 6 21	0♈12'07	25°11	11°27	0♈10	3°23	22°17	0°56	4°22	17°39	17°15	1° 8	1° 8	20°58	20° 2	M23
T 24	4 10 18	1°12'38	7♈28	12°44	1°24	3°50	22°20	0°52	4°21	17°40	17°17	1° 8	1° 5	21° 5	20° 1	T 24
W25	4 14 14	2°13'11	19°31	14° 3	2°38	4°17	22°23	0°48	4°20	17°41	17°19	1° 8	1° 2	21°11	20° 1	W25
T 26	4 18 11	3°13'45	1♌26	15°24	3°52	4°44	22°26	0°44	4°19	17°41	17°20	1° 8	0°58	21°18	20° 0	T 26
F 27	4 22 7	4°14'21	13°16	16°48	5° 6	5°10	22°28	0°41	4°18	17°42	17°22	1° 8	0°55	21°25	20° 0	F 27
S 28	4 26 4	5°14'59	25° 5	18°14	6°21	5°36	22°31	0°37	4°17	17°43	17°23	1° 9	0°52	21°31	20° 0	S 28
S 29	4 30 0	6°15'38	6♈57	19°40	7°35	6° 2	22°33	0°34	4°16	17°44	17°25	1° 9	0°49	21°38	20° 0	S 29
M30	4 33 57	7♈16'19	18♈54	21♈ 8	8♈49	6♈27	22♈35	0♈30	4°Y16	17♈44	17♌27	1♈10	0♈46	21♌45	20♈ 0	M30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s12	8s14	2n51	17s24	1s28	0n 7	1n32	15n27	1n34	15n11	0n34	9n45	2s45	1n15	0s45	5n52	0n53	20s42	1n40	20n22	20n36	3s57	0n15	4n24									
M 2	14 31	13 6	1 52	16 43	1 9	0s20	1 33	15 18	1 35	15 9	0 34	9 43	2 45	1 15	0 45	5 51	0 53	20 42	1 40	20 21	20 35	4 0	0 14	4 23									
T 3	14 50	17 30	0 49	16 0	0 49	0 48	1 35	15 9	1 36	15 8	0 34	9 42	2 45	1 14	0 45	5 51	0 53	20 42	1 39	20 21	20 34	4 3	0 13	4 23									
W 4	15 9	21 15	0s17	15 17	0 28	1 15	1 36	15 0	1 37	15 6	0 35	9 40	2 45	1 13	0 45	5 50	0 53	20 42	1 39	20 21	20 34	4 6	0 13	4 23									
T 5	15 27	24 6	1 24	14 33	0 8	1 43	1 38	14 50	1 39	15 4	0 35	9 39	2 45	1 12	0 45	5 50	0 53	20 42	1 39	20 21	20 33	4 9	0 12	4 22									
F 6	15 45	25 51	2 27	13 51	0n13	2 10	1 39	14 41	1 40	15 2	0 35	9 37	2 45	1 12	0 45	5 49	0 53	20 42	1 39	20 22	20 32	4 12	0 11	4 22									
S 7	16 3	26 19	3 25	13 12	0 32	2 38	1 40	14 32	1 41	15 0	0 35	9 36	2 45	1 11	0 45	5 49	0 53	20 42	1 39	20 22	20 32	4 15	0 10	4 22									
S 8	16 21	25 24	4 13	12 36	0 51	3 5	1 41	14 23	1 42	14 59	0 35	9 34	2 45	1 11	0 45	5 48	0 53	20 42	1 39	20 22	20 31	4 19	0 9	4 22									
M 9	16 39	23 4	4 50	12 5	1 7	3 33	1 42	14 13	1 43	14 57	0 36	9 33	2 45	1 10	0 45	5 48	0 53	20 42	1 39	20 22	20 30	4 22	0 9	4 21									
T 10	16 56	19 25	5 12	11 38	1 23	4 1	1 43	14 4	1 44	14 56	0 36	9 31	2 44	1 9	0 45	5 47	0 53	20 42	1 38	20 22	20 30	4 25	0 8	4 21									
W11	17 13	14 37	5 16	11 18	1 36	4 28	1 44	13 55	1 46	14 54	0 36	9 30	2 44	1 9	0 45	5 47	0 53	20 42	1 38	20 22	20 29	4 28	0 7	4 21									
T 12	17 29	8 55	5 1	11 3	1 48	4 56	1 44	13 46	1 47	14 53	0 36	9 28	2 44	1 8	0 45	5 46	0 53	20 42	1 38	20 22	20 29	4 31	0 6	4 20									
F 13	17 45	2 36	4 27	10 54	1 57	5 23	1 45	13 37	1 48	14 51	0 36	9 27	2 44	1 8	0 45	5 46	0 53	20 42	1 38	20 22	20 28	4 34	0 6	4 20									
S 14	18 1	3n59	3 34	10 50	2 5	5 50	1 45	13 28	1 49	14 50	0 37	9 26	2 44	1 7	0 45	5 45	0 53	20 42	1 38	20 21	20 27	4 37	0 5	4 20									
S 15	18 17	10 25	2 27	10 51	2 11	6 18	1 46	13 18	1 51	14 49	0 37	9 24	2 44	1 7	0 45	5 45	0 53	20 42	1 38	20 21	20 27	4 40	0 4	4 20									
M16	18 32	16 16	1 8	10 57	2 16	6 45	1 46	13 9	1 52	14 47	0 37	9 23	2 44	1 6	0 45	5 45	0 53	20 42	1 38	20 21	20 26	4 43	0 4	4 19									
T 17	18 47	21 4	0n14	11 7	2 18	7 12	1 46	13 0	1 53	14 46	0 37	9 22	2 44	1 6	0 45	5 44	0 53	20 42	1 38	20 21	20 25	4 47	0 3	4 19									
W18	19 2	24 26	1 34	11 20	2 20	7 39	1 47	12 52	1 54	14 45	0 37	9 20	2 43	1 5	0 45	5 44	0 54	20 42	1 37	20 21	20 25	4 50	0 2	4 19									
T 19	19 16	26 8	2 45	11 37	2 20	8 6	1 47	12 43	1 56	14 44	0 38	9 19	2 43	1 5	0 45	5 43	0 54	20 42	1 37	20 21	20 24	4 53	0 2	4 18									
F 20	19 30	26 9	3 45	11 57	2 20	8 32	1 47	12 34	1 57	14 43	0 38	9 18	2 43	1 4	0 45	5 43	0 54	20 42	1 37	20 21	20 23	4 56	0 1	4 18									
S 21	19 44	24 37	4 31	12 19	2 18	8 59	1 47	12 25	1 58	14 42	0 38	9 17	2 43	1 4	0 45	5 43	0 54	20 42	1 37	20 21	20 23	4 59	0 1	4 18									
S 22	19 57	21 49	5 1	12 43	2 16	9 25	1 47	12 16	2 0	14 41	0 38	9 15	2 43	1 3	0 45	5 42	0 54	20 42	1 37	20 21	20 22	5 2	0 0	4 17									
M23	20 10	18 4	5 16	13 9	2 12	9 51	1 46	12 8	2 1	14 40	0 38	9 14	2 43	1 3	0 45	5 42	0 54	20 42	1 37	20 21	20 21	5 5	0s 0	4 17									
T 24	20 22	13 38	5 16	13 36	2 8	10 17	1 46	11 59	2 2	14 39	0 39	9 13	2 42	1 3	0 45	5 42	0 54	20 42	1 37	20 21	20 21	5 8	0 1	4 17									
W25	20 35	8 46	5 1	14 4	2 4	10 43	1 46	11 51	2 4	14 39	0 39	9 12	2 42	1 2	0 45	5 41	0 54	20 42	1 36	20 21	20 20	5 11	0 1	4 16									
T 26	20 46	3 38	4 34	14 32	1 59	11 8	1 45	11 42	2 5	14 38	0 39	9 11	2 42	1 2	0 45	5 41	0 54	20 42	1 36	20 21	20 20	5 15	0 2	4 16									
F 27	20 58	1s36	3 56	15 1	1 53	11 34	1 45	11 34	2 6	14 37	0 39	9 10	2 42	1 2	0 45	5 41	0 54	20 41	1 36	20 22	20 19	5 18	0 2	4 16									
S 28	21 9	6 47	3 7	15 31	1 48	11 59	1 44	11 25	2 8	14 37	0 40	9 9	2 42	1 1	0 44	5 41	0 54	20 41	1 36	20 22	20 18	5 21	0 2	4 15									
S 29	21 19	11 45	2 11	16 0	1 42	12 23	1 43	11 17	2 9	14 36	0 40	9 8	2 42	1 1	0 44	5 40	0 54	20 41	1 36	20 22	20 18	5 24	0 3	4 15									
M30	21s30	16s20	1n 8	16s29	1n35	12s48	1n43	11n 9	2n10	14n36	0n40	9n 7	2s41	1n 1	0s44	5n40	0n54	20s41	1n36	20n22	20n17	5s27	0s 3	4n15									

ASTRODIENST EPHEMERIS for the year 2263
geocentric

DECEMBER 2263

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 37 54	8♌17°01	1♌0	22♌37	10♌4	6♌52	22♌36	0°R27	4°R15	17♌45	17♌28	1°R10	0♌43	21♌51	20°D 0	T 1
W 2	4 41 50	9°17'45	13°16	24° 7	11°18	7°17	22°38	0♌24	4°Y14	17°46	17°30	1♌10	0°39	21°58	20°H 0	W 2
T 3	4 45 47	10°18'30	25°44	25°38	12°33	7°42	22°39	0°21	4°14	17°46	17°32	1° 9	0°36	22° 5	20° 0	T 3
F 4	4 49 43	11°19'16	8♌24	27° 9	13°47	8° 6	22°40	0°18	4°13	17°47	17°34	1° 8	0°33	22°11	20° 0	F 4
S 5	4 53 40	12°20'04	21°17	28°40	15° 2	8°30	22°41	0°15	4°13	17°48	17°35	1° 6	0°30	22°18	20° 0	S 5
S 6	4 57 36	13°20'52	4♌23	0♌12	16°16	8°53	22°42	0°12	4°12	17°48	17°37	1° 5	0°27	22°25	20° 0	S 6
M 7	5 1 33	14°21'41	17°44	1°44	17°31	9°17	22°43	0° 9	4°12	17°49	17°39	1° 3	0°23	22°31	20° 1	M 7
T 8	5 5 29	15°22'32	1♌19	3°17	18°46	9°40	22°43	0° 7	4°12	17°49	17°41	1° 2	0°20	22°38	20° 1	T 8
W 9	5 9 26	16°23'22	15° 9	4°49	20° 0	10° 2	22°R43	0° 4	4°11	17°49	17°43	1°D 1	0°17	22°45	20° 2	W 9
T 10	5 13 23	17°24'14	29°13	6°22	21°15	10°25	22°43	0° 2	4°11	17°50	17°44	1° 2	0°14	22°51	20° 2	T 10
F 11	5 17 19	18°25'07	13°Y30	7°55	22°30	10°47	22°43	29°Y59	4°11	17°50	17°46	1° 3	0°11	22°58	20° 3	F 11
S 12	5 21 16	19°26'00	27°57	9°28	23°44	11° 8	22°43	29°57	4°11	17°50	17°48	1° 4	0° 8	23° 5	20° 3	S 12
S 13	5 25 12	20°26'54	12♌32	11° 1	24°59	11°29	22°42	29°55	4°11	17°51	17°50	1° 5	0° 4	23°11	20° 4	S 13
M14	5 29 9	21°27'48	27° 9	12°34	26°14	11°50	22°41	29°53	4°D11	17°51	17°52	1°R 6	0° 1	23°18	20° 5	M14
T 15	5 33 5	22°28'44	11♌42	14° 7	27°29	12°11	22°40	29°51	4°11	17°51	17°54	1° 6	29°58	23°25	20° 5	T 15
W16	5 37 2	23°29'41	26° 6	15°41	28°44	12°31	22°39	29°49	4°11	17°51	17°56	1° 4	29°55	23°31	20° 6	W16
T 17	5 40 58	24°30'38	10♌14	17°14	29°58	12°50	22°37	29°47	4°11	17°51	17°58	1° 2	29°52	23°38	20° 7	T 17
F 18	5 44 55	25°31'36	24° 2	18°48	1♌13	13°10	22°36	29°46	4°11	17°52	18° 0	0°58	29°49	23°45	20° 8	F 18
S 19	5 48 52	26°32'35	7♌27	20°21	2°28	13°29	22°34	29°44	4°11	17°52	18° 2	0°54	29°45	23°51	20° 9	S 19
S 20	5 52 48	27°33'36	20°29	21°55	3°43	13°47	22°32	29°43	4°12	17°52	18° 3	0°50	29°42	23°58	20°10	S 20
M21	5 56 45	28°34'37	3♌9	23°28	4°58	14° 5	22°30	29°41	4°12	17°R52	18° 5	0°47	29°39	24° 5	20°12	M21
T 22	6 0 41	29°35'38	15°30	25° 2	6°13	14°23	22°28	29°40	4°12	17°52	18° 7	0°44	29°36	24°11	20°13	T 22
W23	6 4 38	0♌36'41	27°35	26°36	7°28	14°40	22°25	29°39	4°13	17°52	18° 9	0°D43	29°33	24°18	20°14	W23
T 24	6 8 34	1°37'45	9♌31	28°11	8°43	14°56	22°22	29°38	4°13	17°51	18°11	0°43	29°29	24°25	20°15	T 24
F 25	6 12 31	2°38'49	21°20	29°45	9°58	15°12	22°19	29°37	4°14	17°51	18°13	0°45	29°26	24°31	20°17	F 25
S 26	6 16 28	3°39'55	3♌9	1♌19	11°13	15°28	22°16	29°36	4°14	17°51	18°15	0°47	29°23	24°38	20°18	S 26
S 27	6 20 24	4°41'01	15° 3	2°54	12°28	15°43	22°13	29°35	4°15	17°51	18°17	0°48	29°20	24°45	20°20	S 27
M28	6 24 21	5°42'08	27° 5	4°29	13°43	15°58	22° 9	29°35	4°16	17°51	18°20	0°R49	29°17	24°51	20°21	M28
T 29	6 28 17	6°43'15	9♌20	6° 4	14°58	16°12	22° 6	29°34	4°17	17°50	18°22	0°49	29°14	24°58	20°23	T 29
W30	6 32 14	7°44'23	21°49	7°39	16°13	16°26	22° 2	29°34	4°17	17°50	18°24	0°47	29°10	25° 5	20°24	W30
T 31	6 36 10	8♌45'31	4♌35	9♌15	17♌28	16♌39	21♌58	29°Y34	4°Y18	17♌50	18♌26	0♌43	29♌7	25♌11	20°H26	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21s39	20s19 0n 1	16s58	1n29	13s12	1n42	11n 1	2n12	14n36	0n40	9n 6	2s41	1n 1	0s44	5n40	0n54
W 2	21 49	23 28 1s 7	17 27	1 22	13 36	1 41	10 53	2 13	14 35	0 40	9 5	2 41	1 0	0 44	5 40	0 54
T 3	21 58	25 32 2 12	17 56	1 15	14 0	1 40	10 45	2 15	14 35	0 41	9 4	2 41	1 0	0 44	5 39	0 54
F 4	22 6	26 20 3 12	18 24	1 8	14 23	1 39	10 38	2 16	14 35	0 41	9 3	2 40	1 0	0 44	5 39	0 54
S 5	22 15	25 44 4 3	18 51	1 1	14 46	1 38	10 30	2 18	14 35	0 41	9 2	2 40	1 0	0 44	5 39	0 54
S 6	22 22	23 43 4 43	19 17	0 54	15 8	1 37	10 22	2 19	14 35	0 41	9 2	2 40	1 0	0 44	5 39	0 54
M 7	22 29	20 23 5 8	19 43	0 46	15 31	1 35	10 15	2 21	14 35	0 42	9 1	2 40	1 0	0 44	5 39	0 54
T 8	22 36	15 55 5 16	20 8	0 39	15 52	1 34	10 8	2 22	14 35	0 42	9 0	2 40	0 59	0 44	5 39	0 54
W 9	22 43	10 34 5 7	20 33	0 32	16 14	1 33	10 1	2 24	14 35	0 42	9 0	2 39	0 59	0 44	5 38	0 54
T 10	22 49	4 35 4 39	20 56	0 25	16 35	1 31	9 54	2 25	14 35	0 42	8 59	2 39	0 59	0 44	5 38	0 54
F 11	22 54	1n44 3 54	21 18	0 18	16 55	1 30	9 47	2 27	14 36	0 43	8 58	2 39	0 59	0 44	5 38	0 54
S 12	22 59	8 2 2 53	21 40	0 11	17 16	1 28	9 40	2 28	14 36	0 43	8 58	2 39	0 59	0 44	5 38	0 54
S 13	23 4	13 59 1 41	22 0	0 4	17 35	1 27	9 33	2 30	14 36	0 43	8 57	2 38	0 59	0 44	5 38	0 55
M14	23 8	19 9 0 22	22 20	0s 3	17 54	1 25	9 27	2 31	14 37	0 43	8 57	2 38	0 59	0 44	5 38	0 55
T 15	23 12	23 7 0n58	22 38	0 10	18 13	1 23	9 20	2 33	14 37	0 43	8 56	2 38	0 59	0 44	5 38	0 55
W16	23 15	25 34 2 13	22 55	0 17	18 31	1 21	9 14	2 35	14 38	0 44	8 56	2 38	0 59	0 44	5 38	0 55
T 17	23 18	26 19 3 19	23 11	0 24	18 49	1 20	9 8	2 36	14 39	0 44	8 56	2 37	1 0	0 44	5 38	0 55
F 18	23 20	25 24 4 11	23 26	0 30	19 7	1 18	9 2	2 38	14 40	0 44	8 55	2 37	1 0	0 44	5 38	0 55
S 19	23 22	23 1 4 48	23 40	0 37	19 23	1 16	8 56	2 39	14 40	0 44	8 55	2 37	1 0	0 44	5 38	0 55
S 20	23 23	19 31 5 9	23 53	0 43	19 40	1 14	8 51	2 41	14 41	0 45	8 55	2 36	1 0	0 44	5 38	0 55
M21	23 24	15 12 5 13	24 4	0 49	19 55	1 12	8 45	2 43	14 42	0 45	8 54	2 36	1 0	0 44	5 38	0 55
T 22	23 24	10 22 5 3	24 14	0 55	20 10	1 10	8 40	2 44	14 43	0 45	8 54	2 36	1 0	0 44	5 38	0 55
W23	23 24	5 14 4 40	24 23	1 1	20 25	1 8	8 35	2 46	14 44	0 45	8 54	2 36	1 0	0 43	5 38	0 55
T 24	23 24	0s 1 4 5	24 31	1 7	20 39	1 5	8 30	2 48	14 45	0 46	8 54	2 35	1 1	0 43	5 38	0 55
F 25	23 23	5 14 3 19	24 37	1 12	20 52	1 3	8 26	2 50	14 46	0 46	8 54	2 35	1 1	0 43	5 38	0 55
S 26	23 21	10 16 2 26	24 42	1 18	21 5	1 1	8 21	2 51	14 48	0 46	8 54	2 35	1 1	0 43	5 38	0 55
S 27	23 19	14 58 1 25	24 45	1 23	21 17	0 59	8 17	2 53	14 49	0 46	8 54	2 34	1 2	0 43	5 38	0 55
M28	23 17	19 9 0 20	24 48	1 28	21 29	0 56	8 13	2 55	14 50	0 46	8 54	2 34	1 2	0 43	5 39	0 55
T 29	23 14	22 35 0s46	24 48	1 32	21 40	0 54	8 9	2 57	14 52	0 47	8 54	2 34	1 2	0 43	5 39	0 55
W30	23 11	25 1 1 52	24 48	1 37	21 50	0 52	8 5	2 58	14 53	0 47	8 54	2 34	1 3	0 43	5 39	0 55
T 31	23s 7	26s13 2s53	24s46	1s41	22s 0	0n49	8n 2	3n 0	14n55	0n47	8n55	2s33	1n 3	0s43	5n39	0n55

Julian Day Number = 2547937.5, Delta T = 239.69 sec
Ecliptic obliquity = 23°24'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°25'44, Lahiri = 27°32'45