



Astrodienst Ephemeris Tables for the year 2266

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 2266
geocentric

JANUARY 2266

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 42 9	10 ³ 18'02	1 ¹¹ 37	29 ⁵ 54	26 ³ 57	9 ¹ 10	21 ¹ 20	27 ⁰ R30	12 ⁰ Y 9	22 ⁰ R14	22 ⁰ 12	21 ⁰ R12	20 ⁰ Y22	16 ⁰ 37	28 ⁰ 19	M 1
T 2	6 46 6	11 ⁰ 19'11	14 ⁰ 0	0 ⁰ 39	28 ⁰ 12	9 ⁰ 35	21 ⁰ 27	27 ⁰ 828	12 ⁰ 10	22 ⁰ 14	22 ⁰ 14	21 ⁰ Y10	20 ⁰ 18	16 ⁰ 44	28 ⁰ 21	T 2
W 3	6 50 2	12 ⁰ 20'19	26 ⁰ 11	1 ⁰ 15	29 ⁰ 28	10 ⁰ 0	21 ⁰ 33	27 ⁰ 25	12 ⁰ 11	22 ⁰ 14	22 ⁰ 16	21 ⁰ 5	20 ⁰ 15	16 ⁰ 50	28 ⁰ 22	W 3
T 4	6 53 59	13 ⁰ 21'28	8 ⁰ 14	1 ⁰ 43	0 ⁰ 43	10 ⁰ 24	21 ⁰ 39	27 ⁰ 22	12 ⁰ 11	22 ⁰ 13	22 ⁰ 18	20 ⁰ 58	20 ⁰ 12	16 ⁰ 57	28 ⁰ 24	T 4
F 5	6 57 56	14 ⁰ 22'38	20 ⁰ 11	2 ⁰ 1	1 ⁰ 58	10 ⁰ 49	21 ⁰ 45	27 ⁰ 20	12 ⁰ 12	22 ⁰ 13	22 ⁰ 20	20 ⁰ 47	20 ⁰ 9	17 ⁰ 4	28 ⁰ 25	F 5
S 6	7 1 52	15 ⁰ 23'48	2 ⁰ 5	2 ⁰ R 9	3 ⁰ 13	11 ⁰ 13	21 ⁰ 51	27 ⁰ 17	12 ⁰ 13	22 ⁰ 12	22 ⁰ 22	20 ⁰ 34	20 ⁰ 6	17 ⁰ 11	28 ⁰ 27	S 6
S 7	7 5 49	16 ⁰ 24'57	13 ⁰ 58	2 ⁰ 6	4 ⁰ 28	11 ⁰ 37	21 ⁰ 56	27 ⁰ 15	12 ⁰ 14	22 ⁰ 12	22 ⁰ 24	20 ⁰ 19	20 ⁰ 3	17 ⁰ 17	28 ⁰ 28	S 7
M 8	7 9 45	17 ⁰ 26'07	25 ⁰ 50	1 ⁰ 51	5 ⁰ 43	12 ⁰ 0	22 ⁰ 2	27 ⁰ 13	12 ⁰ 15	22 ⁰ 12	22 ⁰ 26	20 ⁰ 3	19 ⁰ 59	17 ⁰ 24	28 ⁰ 30	M 8
T 9	7 13 42	18 ⁰ 27'17	7 ⁰ 43	1 ⁰ 24	6 ⁰ 58	12 ⁰ 24	22 ⁰ 7	27 ⁰ 10	12 ⁰ 16	22 ⁰ 11	22 ⁰ 28	19 ⁰ 48	19 ⁰ 56	17 ⁰ 31	28 ⁰ 32	T 9
W10	7 17 38	19 ⁰ 28'27	19 ⁰ 38	0 ⁰ 46	8 ⁰ 13	12 ⁰ 47	22 ⁰ 12	27 ⁰ 8	12 ⁰ 17	22 ⁰ 10	22 ⁰ 30	19 ⁰ 36	19 ⁰ 53	17 ⁰ 38	28 ⁰ 34	W10
T 11	7 21 35	20 ⁰ 29'36	1 ⁰ 38	29 ⁰ 56	9 ⁰ 29	13 ⁰ 9	22 ⁰ 17	27 ⁰ 6	12 ⁰ 18	22 ⁰ 10	22 ⁰ 32	19 ⁰ 26	19 ⁰ 50	17 ⁰ 44	28 ⁰ 35	T 11
F 12	7 25 32	21 ⁰ 30'45	13 ⁰ 44	28 ⁰ 56	10 ⁰ 44	13 ⁰ 32	22 ⁰ 22	27 ⁰ 5	12 ⁰ 19	22 ⁰ 9	22 ⁰ 34	19 ⁰ 19	19 ⁰ 47	17 ⁰ 51	28 ⁰ 37	F 12
S 13	7 29 28	22 ⁰ 31'54	26 ⁰ 0	27 ⁰ 48	11 ⁰ 59	13 ⁰ 54	22 ⁰ 27	27 ⁰ 3	12 ⁰ 20	22 ⁰ 9	22 ⁰ 36	19 ⁰ 15	19 ⁰ 44	17 ⁰ 58	28 ⁰ 39	S 13
S 14	7 33 25	23 ⁰ 33'02	8 ⁰ Y30	26 ⁰ 34	13 ⁰ 14	14 ⁰ 15	22 ⁰ 31	27 ⁰ 1	12 ⁰ 21	22 ⁰ 8	22 ⁰ 38	19 ⁰ 13	19 ⁰ 40	18 ⁰ 4	28 ⁰ 41	S 14
M15	7 37 21	24 ⁰ 34'10	21 ⁰ 19	25 ⁰ 15	14 ⁰ 29	14 ⁰ 37	22 ⁰ 35	27 ⁰ 0	12 ⁰ 22	22 ⁰ 7	22 ⁰ 40	19 ⁰ 13	19 ⁰ 37	18 ⁰ 11	28 ⁰ 43	M15
T 16	7 41 18	25 ⁰ 35'17	4 ⁰ 829	23 ⁰ 55	15 ⁰ 44	14 ⁰ 58	22 ⁰ 39	26 ⁰ 58	12 ⁰ 23	22 ⁰ 7	22 ⁰ 42	19 ⁰ 13	19 ⁰ 34	18 ⁰ 18	28 ⁰ 45	T 16
W17	7 45 14	26 ⁰ 36'24	18 ⁰ 7	22 ⁰ 37	16 ⁰ 59	15 ⁰ 18	22 ⁰ 43	26 ⁰ 57	12 ⁰ 25	22 ⁰ 6	22 ⁰ 44	19 ⁰ 11	19 ⁰ 31	18 ⁰ 25	28 ⁰ 48	W17
T 18	7 49 11	27 ⁰ 37'30	2 ⁰ 11	21 ⁰ 21	18 ⁰ 14	15 ⁰ 39	22 ⁰ 47	26 ⁰ 56	12 ⁰ 26	22 ⁰ 5	22 ⁰ 46	19 ⁰ 8	19 ⁰ 28	18 ⁰ 31	28 ⁰ 50	T 18
F 19	7 53 7	28 ⁰ 38'35	16 ⁰ 47	20 ⁰ 11	19 ⁰ 29	15 ⁰ 59	22 ⁰ 51	26 ⁰ 55	12 ⁰ 28	22 ⁰ 4	22 ⁰ 48	19 ⁰ 1	19 ⁰ 24	18 ⁰ 38	28 ⁰ 52	F 19
S 20	7 57 4	29 ⁰ 39'40	1 ⁰ 845	19 ⁰ 8	20 ⁰ 44	16 ⁰ 18	22 ⁰ 54	26 ⁰ 54	12 ⁰ 29	22 ⁰ 3	22 ⁰ 50	18 ⁰ 53	19 ⁰ 21	18 ⁰ 45	28 ⁰ 54	S 20
S 21	8 1 1	0 ⁰ 40'45	17 ⁰ 0	18 ⁰ 14	21 ⁰ 58	16 ⁰ 37	22 ⁰ 57	26 ⁰ 53	12 ⁰ 31	22 ⁰ 2	22 ⁰ 52	18 ⁰ 42	19 ⁰ 18	18 ⁰ 52	28 ⁰ 57	S 21
M22	8 4 57	1 ⁰ 41'48	2 ⁰ 822	17 ⁰ 28	23 ⁰ 13	16 ⁰ 56	23 ⁰ 0	26 ⁰ 52	12 ⁰ 32	22 ⁰ 2	22 ⁰ 54	18 ⁰ 30	19 ⁰ 15	18 ⁰ 58	28 ⁰ 59	M22
T 23	8 8 54	2 ⁰ 42'51	17 ⁰ 38	16 ⁰ 52	24 ⁰ 28	17 ⁰ 15	23 ⁰ 3	26 ⁰ 52	12 ⁰ 34	22 ⁰ 1	22 ⁰ 56	18 ⁰ 20	19 ⁰ 12	19 ⁰ 5	29 ⁰ 1	T 23
W24	8 12 50	3 ⁰ 43'54	2 ⁰ 1737	16 ⁰ 26	25 ⁰ 43	17 ⁰ 33	23 ⁰ 6	26 ⁰ 51	12 ⁰ 35	22 ⁰ 0	22 ⁰ 58	18 ⁰ 11	19 ⁰ 9	19 ⁰ 12	29 ⁰ 4	W24
T 25	8 16 47	4 ⁰ 44'56	17 ⁰ 11	16 ⁰ 8	26 ⁰ 58	17 ⁰ 50	23 ⁰ 8	26 ⁰ 51	12 ⁰ 37	21 ⁰ 59	23 ⁰ 0	18 ⁰ 5	19 ⁰ 5	19 ⁰ 18	29 ⁰ 6	T 25
F 26	8 20 43	5 ⁰ 45'58	1 ⁰ 16	16 ⁰ D 0	28 ⁰ 13	18 ⁰ 7	23 ⁰ 11	26 ⁰ 50	12 ⁰ 39	21 ⁰ 58	23 ⁰ 2	18 ⁰ 2	19 ⁰ 2	19 ⁰ 25	29 ⁰ 9	F 26
S 27	8 24 40	6 ⁰ 46'59	14 ⁰ 51	16 ⁰ 0	29 ⁰ 27	18 ⁰ 24	23 ⁰ 13	26 ⁰ 50	12 ⁰ 41	21 ⁰ 57	23 ⁰ 4	18 ⁰ D 1	18 ⁰ 59	19 ⁰ 32	29 ⁰ 11	S 27
S 28	8 28 36	7 ⁰ 48'00	27 ⁰ 58	16 ⁰ 8	0 ⁰ 42	18 ⁰ 40	23 ⁰ 15	26 ⁰ D50	12 ⁰ 42	21 ⁰ 56	23 ⁰ 6	18 ⁰ 1	18 ⁰ 56	19 ⁰ 39	29 ⁰ 14	S 28
M29	8 32 33	8 ⁰ 49'00	10 ⁰ 140	16 ⁰ 23	1 ⁰ 57	18 ⁰ 56	23 ⁰ 17	26 ⁰ 50	12 ⁰ 44	21 ⁰ 54	23 ⁰ 8	18 ⁰ R 1	18 ⁰ 53	19 ⁰ 45	29 ⁰ 17	M29
T 30	8 36 30	9 ⁰ 50'00	23 ⁰ 4	16 ⁰ 45	3 ⁰ 12	19 ⁰ 12	23 ⁰ 18	26 ⁰ 50	12 ⁰ 46	21 ⁰ 53	23 ⁰ 10	18 ⁰ 0	18 ⁰ 50	19 ⁰ 52	29 ⁰ 19	T 30
W31	8 40 26	10 ⁰ 51'00	5 ⁰ 12	17 ⁰ 13	4 ⁰ 26	19 ⁰ 26	23 ⁰ 20	26 ⁰ 51	12 ⁰ 48	21 ⁰ 52	23 ⁰ 12	17 ⁰ Y57	18 ⁰ Y46	19 ⁰ 59	29 ⁰ 22	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 0	12s53	0s55	21s 7	1s 0	22s 3	1s20	1s32	2n17	7s 8	1n16	17n26	2s12	4n11	0s41	4n 1	1n 2	21s11	0n24	8n15	7n57	27s28	2n21	3n17					
T 2	22 56	17 53	1 57	20 45	0 47	21 49	1 22	1 41	2 18	7 11	1 16	17 26	2 11	4 11	0 41	4 2	1 2	21 11	0 24	8 15	7 55	27 27	2 21	3 16					
W 3	22 50	22 5	2 53	20 23	0 33	21 35	1 23	1 50	2 18	7 13	1 16	17 26	2 11	4 11	0 41	4 2	1 2	21 11	0 24	8 13	7 54	27 27	2 21	3 16					
T 4	22 44	25 17	3 41	20 2	0 18	21 20	1 24	1 59	2 19	7 15	1 16	17 25	2 11	4 11	0 40	4 2	1 2	21 10	0 24	8 10	7 53	27 26	2 22	3 16					
F 5	22 38	27 20	4 18	19 43	0 2	21 5	1 25	2 8	2 20	7 17	1 17	17 25	2 11	4 12	0 40	4 2	1 2	21 10	0 24	8 6	7 52	27 25	2 22	3 16					
S 6	22 31	28 7	4 44	19 24	0n15	20 49	1 26	2 16	2 21	7 19	1 17	17 25	2 10	4 12	0 40	4 2	1 2	21 10	0 24	8 1	7 51	27 24	2 22	3 15					
S 7	22 24	27 36	4 57	19 7	0 33	20 32	1 27	2 25	2 22	7 21	1 17	17 24	2 10	4 12	0 40	4 2	1 2	21 10	0 24	7 56	7 50	27 23	2 23	3 15					
M 8	22 16	25 49	4 57	18 52	0 52	20 15	1 28	2 33	2 23	7 22	1 17	17 24	2 10	4 13	0 40	4 3	1 2	21 9	0 24	7 50	7 48	27 22	2 23	3 15					
T 9	22 8	22 54	4 45	18 40	1 11	19 57	1 29	2 41	2 23	7 24	1 18	17 24	2 10	4 13	0 40	4 3	1 2	21 9	0 23	7 44	7 47	27 21	2 24	3 15					
W10	22 0	19 1	4 20	18 29	1 31	19 38	1 30	2 49	2 24	7 26	1 18	17 24	2 9	4 14	0 40	4 3	1 2	21 9	0 23	7 39	7 46	27 21	2 24	3 14					
T 11	21 51	14 21	3 43	18 21	1 49	19 19	1 31	2 57	2 25	7 27	1 18	17 24	2 9	4 14	0 40	4 3	1 2	21 9	0 23	7 36	7 45	27 20	2 25	3 14					
F 12	21 41	9 5	2 55	18 16	2 8	19 0	1 32	3 5	2 26	7 29	1 18	17 23	2 9	4 15	0 40	4 4	1 2	21 8	0 23	7 33	7 44	27 19	2 25	3 14					
S 13	21 32	3 25	1 59	18 12	2 25	18 39	1 33	3 13	2 27	7 30	1 19	17 23	2 9	4 15	0 40	4 4	1 2	21 8	0 23	7 31	7 42	27 18	2 26	3 14					
S 14	21 21	2n30	0 56	18 11	2 40	18 19	1 33	3 21	2 28	7 32	1 19	17 23	2 8	4 15	0 40	4 4	1 2	21 8	0 23	7 31	7 41	27 17	2 26	3 13					
M15	21 11	8 28	0n11	18 12	2 54	17 58	1 34	3 28	2 29	7 33	1 19	17 23	2 8	4 16	0 40	4 5	1 2	21 8	0 23	7 31	7 40	27 16	2 27	3 13					
T 16	21 0	14 15	1 20	18 15	3 5	17 36	1 34	3 35	2 30	7 34	1 19	17 23	2 8	4 17	0 40	4 5	1 2	21 7	0 23	7 31	7 39	27 15	2 27	3 13					
W17	20 48	19 33	2 26	18 19	3 14	17 14	1 35	3 42	2 30	7 36	1 20	17 23	2 7	4 17	0 40	4 5	1 2	21 7	0 23	7 30	7 38	27 14	2 28	3 13					
T 18	20 36	23 56	3 26	18 25	3 20	16 51	1 35	3 49	2 31	7 37	1 20	17 23	2 7	4 18	0 40	4 6	1 3	21 7	0 23	7 29	7 36	27 13	2 29	3 13					
F 19	20 24	26 58	4 15	18 32	3 24	16 28	1 35	3 56	2 32	7 38	1 20	17 23	2 7	4 18	0 40	4 6	1 3	21 7	0 22	7 26	7 35	27 12	2 29	3 12					
S 20	20 12	28 11	4 47	18 39	3 25	16 4	1 35	4 3	2 33	7 39	1 20	17 23	2 7	4 19	0 40	4 6	1 3	21 6	0 22	7 23	7 34	27 11	2 30	3 12					
S 21	19 59	27 17	5 0	18 47	3 25	15 40	1 36	4 9	2 34	7 40	1 21	17 23	2 6	4 19	0 40	4 7	1 3	21 6	0 22	7 19	7 33	27 11	2 31	3 12					
M22	19 45	24 20	4 52	18 56	3 22	15 16	1 36	4 16	2 35	7 41	1 21	17 23	2 6	4 20	0 40	4 7	1 3	21 6	0 22	7 15	7 32	27 10	2 32	3 12					
T 23	19 32	19 42	4 23	19 5	3 17	14 51	1 36	4 22	2 36	7 42	1 21	17 23	2 6	4 21	0 40	4 8	1 3	21 6	0 22	7 11	7 30	27 9	2 32	3 11					
W24	19 18	13 53	3 36	19 14	3 11	14 26	1 36	4 28	2 37	7 42	1 21	17 24	2 5	4 21	0 40	4 8	1 3	21 6	0 22	7 7	7 29	27 8	2 33	3 11					
T 25	19 3	7 26	2 35	19 24	3 4	14 0	1 35	4 34	2 38	7 43	1 22	17 24	2 5	4 22	0 40	4 8	1 3	21 5	0 22	7 5	7 28	27 7	2 34	3 11					
F 26	18 48	0 50	1 28	19 33	2 55	13 34	1 35	4 39	2 39	7 44	1 22	17 24	2 5	4 23	0 40	4 9	1 3	21 5	0 22	7 4	7 27	27 6	2 35	3 11					
S 27	18 33	5s35	0 17	19 42	2 46	13 8	1 35	4 45	2 39	7 44	1 22	17 24	2 5	4 24	0 40	4 9	1 3	21 5	0 22	7 3	7 26	27 5	2 36	3 11					
S 28	18 18	11 33	0s53	19 50	2 37	12 41	1 35	4 50	2 40	7 45	1 22	17 24	2 4	4 24	0 40	4 10	1 3	21 5	0 22	7 3	7 24	27 4	2 36	3 10					
M29	18 2	16 52	1 57	19 59	2 27	12 14	1 34	4 55	2 41	7 45	1 23	17 25	2 4	4 25	0 40	4 10	1 3	21 4	0 22	7 3	7 23	27 3	2 37	3 10					
T 30	17 46	21 20	2 55	20 6	2 16	11 46	1 34	5 0	2 42	7 46	1 23	17 25	2 4	4 26	0 40	4 11	1 3	21 4	0 22	7 3	7 22	27 2	2 38	3 10					
W31	17s29	24s48	3s43	20s14	2n 5	11s19	1s33	5s 5	2n43	7s46	1n23	17n25	2s 3	4n27	0s39	4n11	1n 3	21s 4	0n21	7n 2	7n21	27s 1	2n39	3n10					

ASTRODIENST EPHEMERIS for the year 2266
geocentric

FEBRUARY 2266

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 44 23	11°51'59	17°11	17°47	5°41	19°41	23°21	26°51	12°50	21°R51	23°14	17°R51	18°Y43	20°5	29°25	T 1
F 2	8 48 19	12°52'57	29° 4	18°25	6°56	19°55	23°22	26°52	12°52	21°50	23°16	17°Y43	18°40	20°12	29°28	F 2
S 3	8 52 16	13°53'55	10°35	19° 9	8°10	20° 8	23°23	26°52	12°54	21°49	23°18	17°33	18°37	20°19	29°31	S 3
S 4	8 56 12	14°54'52	22°46	19°56	9°25	20°21	23°23	26°53	12°57	21°47	23°20	17°20	18°34	20°26	29°33	S 4
M 5	9 0 9	15°55'48	4°40	20°47	10°39	20°33	23°24	26°54	12°59	21°46	23°22	17° 8	18°30	20°32	29°36	M 5
T 6	9 4 5	16°56'43	16°38	21°42	11°54	20°45	23°24	26°55	13° 1	21°45	23°24	16°55	18°27	20°39	29°39	T 6
W 7	9 8 2	17°57'36	28°41	22°40	13° 8	20°56	23°R24	26°56	13° 3	21°44	23°26	16°45	18°24	20°46	29°42	W 7
T 8	9 11 59	18°58'29	10°30	23°41	14°23	21° 7	23°24	26°57	13° 5	21°42	23°28	16°37	18°21	20°53	29°45	T 8
F 9	9 15 55	19°59'20	23° 7	24°44	15°37	21°17	23°24	26°58	13° 8	21°41	23°30	16°31	18°18	20°59	29°48	F 9
S 10	9 19 52	21° 0'11	5°Y33	25°50	16°52	21°27	23°23	27° 0	13°10	21°39	23°31	16°28	18°15	21° 6	29°52	S 10
S 11	9 23 48	22° 0'59	18°11	26°57	18° 6	21°36	23°23	27° 1	13°13	21°38	23°33	16°D28	18°11	21°13	29°55	S 11
M12	9 27 45	23° 1'47	1°8 4	28° 7	19°20	21°44	23°22	27° 3	13°15	21°37	23°35	16°28	18° 8	21°19	29°58	M12
T 13	9 31 41	24° 2'33	14°15	29°19	20°35	21°52	23°21	27° 5	13°17	21°35	23°37	16°29	18° 5	21°26	0°Y 1	T 13
W14	9 35 38	25° 3'17	27°46	0°33	21°49	21°59	23°19	27° 6	13°20	21°34	23°39	16°R30	18° 2	21°33	0° 4	W14
T 15	9 39 34	26° 4'00	11°14	1°48	23° 3	22° 5	23°18	27° 8	13°23	21°32	23°41	16°29	17°59	21°40	0° 8	T 15
F 16	9 43 31	27° 4'41	25°57	3° 5	24°17	22°11	23°16	27°10	13°25	21°31	23°42	16°25	17°56	21°46	0°11	F 16
S 17	9 47 28	28° 5'21	10°35	4°23	25°31	22°16	23°15	27°13	13°28	21°29	23°44	16°20	17°52	21°53	0°14	S 17
S 18	9 51 24	29° 5'59	25°30	5°43	26°45	22°21	23°13	27°15	13°30	21°28	23°46	16°13	17°49	22° 0	0°17	S 18
M19	9 55 21	0°8 6'36	10°23	7° 4	27°59	22°24	23°10	27°17	13°33	21°26	23°48	16° 6	17°46	22° 7	0°21	M19
T 20	9 59 17	1° 7'10	25°36	8°26	29°13	22°27	23° 8	27°20	13°36	21°25	23°49	15°59	17°43	22°13	0°24	T 20
W21	10 3 14	2° 7'44	10°28	9°49	0°Y27	22°30	23° 5	27°22	13°38	21°23	23°51	15°53	17°40	22°20	0°28	W21
T 22	10 7 10	3° 8'16	25° 2	11°14	1°41	22°32	23° 3	27°25	13°41	21°22	23°53	15°49	17°36	22°27	0°31	T 22
F 23	10 11 7	4° 8'46	9°11	12°40	2°55	22°33	23° 0	27°28	13°44	21°20	23°54	15°D47	17°33	22°33	0°35	F 23
S 24	10 15 3	5° 9'15	22°53	14° 7	4° 9	22°R33	22°57	27°31	13°47	21°19	23°56	15°47	17°30	22°40	0°38	S 24
S 25	10 19 0	6° 9'43	6°18	15°34	5°23	22°32	22°53	27°34	13°50	21°17	23°58	15°49	17°27	22°47	0°41	S 25
M26	10 22 57	7°10'13	18°58	17° 3	6°36	22°31	22°50	27°37	13°53	21°15	23°59	15°50	17°24	22°54	0°45	M26
T 27	10 26 53	8°10'35	1°27	18°33	7°50	22°29	22°46	27°40	13°56	21°14	24° 1	15°51	17°21	23° 0	0°49	T 27
W28	10 30 50	9°10'59	13°39	20°4	9°Y 4	22°27	22°42	27°43	13°Y58	21°12	24°2	15°R52	17°Y17	23°7	0°Y52	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	decl lat	decl lat	decl lat	decl lat
T 1	17s12	27s 7	4s21	20s20	1n55	10s51	1s32	5s 9	2n44	7s46	1n23	17n26	2s 3	4n27	0s39	4n12
F 2	16 55	28 11	4 47	20 26	1 44	10 22	1 32	5 14	2 45	7 46	1 24	17 26	2 3	4 28	0 39	4 12
S 3	16 38	27 57	5 0	20 30	1 33	9 54	1 31	5 18	2 46	7 46	1 24	17 27	2 3	4 29	0 39	4 13
S 4	16 20	26 26	5 1	20 34	1 22	9 25	1 30	5 22	2 47	7 46	1 24	17 27	2 2	4 30	0 39	4 13
M 5	16 2	23 44	4 49	20 37	1 12	8 56	1 29	5 26	2 48	7 46	1 24	17 27	2 2	4 31	0 39	4 14
T 6	15 44	20 1	4 23	20 39	1 1	8 27	1 28	5 29	2 49	7 46	1 25	17 28	2 2	4 32	0 39	4 14
W 7	15 26	15 27	3 46	20 40	0 51	7 57	1 27	5 33	2 49	7 46	1 25	17 28	2 1	4 33	0 39	4 15
T 8	15 7	10 15	2 58	20 40	0 41	7 27	1 26	5 36	2 50	7 46	1 25	17 29	2 1	4 34	0 39	4 15
F 9	14 48	4 35	2 2	20 39	0 31	6 58	1 24	5 39	2 51	7 45	1 25	17 30	2 1	4 35	0 39	4 16
S 10	14 29	1n19	0 58	20 37	0 21	6 27	1 23	5 41	2 52	7 45	1 26	17 30	2 1	4 35	0 39	4 16
S 11	14 9	7 16	0n 9	20 33	0 11	5 57	1 22	5 44	2 53	7 44	1 26	17 31	2 0	4 36	0 39	4 17
M12	13 49	13 3	1 18	20 29	0 2	5 27	1 20	5 46	2 54	7 44	1 26	17 31	2 0	4 37	0 39	4 18
T 13	13 29	18 23	2 24	20 23	0s 7	4 56	1 19	5 48	2 55	7 43	1 26	17 32	2 0	4 38	0 39	4 18
W14	13 9	22 56	3 23	20 16	0 16	4 25	1 17	5 50	2 56	7 43	1 27	17 33	1 59	4 39	0 39	4 19
T 15	12 49	26 20	4 13	20 8	0 24	3 55	1 16	5 52	2 56	7 42	1 27	17 34	1 59	4 40	0 39	4 19
F 16	12 28	28 9	4 48	19 58	0 32	3 24	1 14	5 53	2 57	7 41	1 27	17 34	1 59	4 41	0 39	4 20
S 17	12 7	28 4	5 6	19 47	0 40	2 53	1 12	5 54	2 58	7 40	1 27	17 35	1 59	4 42	0 39	4 21
S 18	11 46	25 59	5 3	19 36	0 48	2 22	1 10	5 55	2 59	7 39	1 27	17 36	1 58	4 44	0 39	4 21
M19	11 25	22 3	4 40	19 22	0 55	1 51	1 8	5 56	3 0	7 38	1 28	17 37	1 58	4 45	0 39	4 22
T 20	11 4	16 42	3 57	19 8	1 2	1 19	1 6	5 56	3 0	7 37	1 28	17 37	1 58	4 46	0 39	4 22
W21	10 42	10 23	2 59	18 52	1 9	0 48	1 4	5 56	3 1	7 36	1 28	17 38	1 58	4 47	0 39	4 23
T 22	10 20	3 39	1 50	18 36	1 15	0 17	1 2	5 56	3 2	7 35	1 28	17 39	1 57	4 48	0 39	4 24
F 23	9 59	3s 5	0 36	18 17	1 22	0n14	1 0	5 56	3 3	7 33	1 29	17 40	1 57	4 49	0 39	4 24
S 24	9 37	9 29	0s38	17 58	1 27	0 46	0 58	5 55	3 3	7 32	1 29	17 41	1 57	4 50	0 39	4 25
S 25	9 14	15 15	1 48	17 37	1 33	1 17	0 55	5 55	3 4	7 31	1 29	17 42	1 56	4 51	0 39	4 26
M26	8 52	20 10	2 50	17 16	1 38	1 48	0 53	5 54	3 5	7 29	1 29	17 43	1 56	4 52	0 39	4 26
T 27	8 30	24 3	3 43	16 52	1 43	2 20	0 51	5 52	3 5	7 28	1 30	17 44	1 56	4 53	0 39	4 27
W28	8s 7	26s46	4s24	16s28	1s47	2n51	0s48	5s51	3n 6	7s26	1n30	17n45	1s56	4n55	0s39	4n28

Julian Day Number = 2548730.5, Delta T = 242.83 sec
Ecliptic obliquity = 23°24'25, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°27'33, Lahiri = 27°34'34

ASTRODIENST EPHEMERIS for the year 2266
geocentric

MARCH 2266

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	10 34 46	10 ^h 11'22	25 ^m 40	21 ^h 37	10 ^h 17	22 ^h R23	22 ^h R38	27 ^h 8'47	14 ^h 1	21 ^h R11	24 ^h 3	15 ^h R50	17 ^h 14	23 ^h 314	0 ^h 56	T 1
F 2	10 38 43	11 ^h 11'43	7 ^m 33	23 ^h 10	11 ^h 31	22 ^h 19	22 ^h 34	27 ^h 50	14 ^h 4	21 ^h 9	24 ^h 5	15 ^h 47	17 ^h 11	23 ^h 20	0 ^h 59	F 2
S 3	10 42 39	12 ^h 12'03	19 ^m 24	24 ^h 44	12 ^h 44	22 ^h 14	22 ^h 30	27 ^h 54	14 ^h 7	21 ^h 7	24 ^h 7	15 ^h 43	17 ^h 8	23 ^h 27	1 ^h 3	S 3
S 4	10 46 36	13 ^h 12'21	1 ^m 17	26 ^h 19	13 ^h 57	22 ^h 8	22 ^h 26	27 ^h 58	14 ^h 10	21 ^h 6	24 ^h 8	15 ^h 37	17 ^h 5	23 ^h 34	1 ^h 6	S 4
M 5	10 50 32	14 ^h 12'38	13 ^m 13	27 ^h 55	15 ^h 11	22 ^h 1	22 ^h 21	28 ^h 1	14 ^h 14	21 ^h 4	24 ^h 10	15 ^h 31	17 ^h 2	23 ^h 41	1 ^h 10	M 5
T 6	10 54 29	15 ^h 12'53	25 ^m 17	29 ^h 32	16 ^h 24	21 ^h 54	22 ^h 16	28 ^h 5	14 ^h 17	21 ^h 2	24 ^h 11	15 ^h 26	16 ^h 58	23 ^h 47	1 ^h 14	T 6
W 7	10 58 26	16 ^h 13'06	7 ^m 29	1 ^h 10	17 ^h 37	21 ^h 46	22 ^h 11	28 ^h 9	14 ^h 20	21 ^h 1	24 ^h 13	15 ^h 21	16 ^h 55	23 ^h 54	1 ^h 17	W 7
T 8	11 2 22	17 ^h 13'18	19 ^m 51	2 ^h 50	18 ^h 50	21 ^h 37	22 ^h 6	28 ^h 13	14 ^h 23	20 ^h 59	24 ^h 14	15 ^h 17	16 ^h 52	24 ^h 1	1 ^h 21	T 8
F 9	11 6 19	18 ^h 13'27	2 ^m 24	4 ^h 30	20 ^h 4	21 ^h 27	22 ^h 1	28 ^h 17	14 ^h 26	20 ^h 57	24 ^h 15	15 ^h 15	16 ^h 49	24 ^h 8	1 ^h 25	F 9
S 10	11 10 15	19 ^h 13'35	15 ^m 9	6 ^h 11	21 ^h 17	21 ^h 17	21 ^h 55	28 ^h 22	14 ^h 29	20 ^h 56	24 ^h 17	15 ^h D14	16 ^h 46	24 ^h 14	1 ^h 29	S 10
S 11	11 14 12	20 ^h 13'41	28 ^m 5	7 ^h 54	22 ^h 30	21 ^h 5	21 ^h 50	28 ^h 26	14 ^h 32	20 ^h 54	24 ^h 18	15 ^h 15	16 ^h 42	24 ^h 21	1 ^h 32	S 11
M12	11 18 8	21 ^h 13'45	11 ^m 15	9 ^h 37	23 ^h 43	20 ^h 53	21 ^h 44	28 ^h 30	14 ^h 36	20 ^h 52	24 ^h 19	15 ^h 16	16 ^h 39	24 ^h 28	1 ^h 36	M12
T 13	11 22 5	22 ^h 13'47	24 ^m 38	11 ^h 22	24 ^h 55	20 ^h 40	21 ^h 38	28 ^h 35	14 ^h 39	20 ^h 51	24 ^h 21	15 ^h 18	16 ^h 36	24 ^h 34	1 ^h 40	T 13
W14	11 26 1	23 ^h 13'47	8 ^m 16	13 ^h 8	26 ^h 8	20 ^h 27	21 ^h 32	28 ^h 40	14 ^h 42	20 ^h 49	24 ^h 22	15 ^h 19	16 ^h 33	24 ^h 41	1 ^h 43	W14
T 15	11 29 58	24 ^h 13'45	22 ^m 8	14 ^h 55	27 ^h 21	20 ^h 13	21 ^h 26	28 ^h 44	14 ^h 45	20 ^h 47	24 ^h 23	15 ^h R20	16 ^h 30	24 ^h 48	1 ^h 47	T 15
F 16	11 33 55	25 ^h 13'41	6 ^m 16	16 ^h 43	28 ^h 34	19 ^h 58	21 ^h 20	28 ^h 49	14 ^h 49	20 ^h 46	24 ^h 24	15 ^h 19	16 ^h 27	24 ^h 55	1 ^h 51	F 16
S 17	11 37 51	26 ^h 13'34	20 ^m 36	18 ^h 32	29 ^h 46	19 ^h 42	21 ^h 14	28 ^h 54	14 ^h 52	20 ^h 44	24 ^h 26	15 ^h 18	16 ^h 23	25 ^m 1	1 ^h 55	S 17
S 18	11 41 48	27 ^h 13'25	5 ^m 6	20 ^h 22	0 ^h 59	19 ^h 26	21 ^h 7	28 ^h 59	14 ^h 55	20 ^h 42	24 ^h 27	15 ^h 16	16 ^h 20	25 ^m 8	1 ^h 58	S 18
M19	11 45 44	28 ^h 13'14	19 ^m 42	22 ^h 14	2 ^h 11	19 ^h 9	21 ^h 1	29 ^h 4	14 ^h 58	20 ^h 41	24 ^h 28	15 ^h 14	16 ^h 17	25 ^m 15	2 ^m 2	M19
T 20	11 49 41	29 ^h 13'00	4 ^m 18	24 ^m 6	3 ^h 23	18 ^h 51	20 ^h 54	29 ^h 9	15 ^m 2	20 ^h 39	24 ^h 29	15 ^h 12	16 ^h 14	25 ^m 21	2 ^m 6	T 20
W21	11 53 37	0 ^h 12'45	18 ^m 46	26 ^m 0	4 ^h 36	18 ^h 33	20 ^h 48	29 ^h 14	15 ^m 5	20 ^h 37	24 ^h 30	15 ^h 10	16 ^h 11	25 ^m 28	2 ^m 10	W21
T 22	11 57 34	1 ^h 12'27	3 ^m 3	27 ^m 55	5 ^h 48	18 ^h 14	20 ^h 41	29 ^h 19	15 ^m 8	20 ^h 36	24 ^h 31	15 ^m 9	16 ^m 7	25 ^m 35	2 ^m 14	T 22
F 23	12 1 30	2 ^h 12'08	17 ^m 1	29 ^m 51	7 ^m 0	17 ^h 55	20 ^h 34	29 ^h 25	15 ^m 12	20 ^h 34	24 ^h 32	15 ^h D 9	16 ^m 4	25 ^m 42	2 ^m 17	F 23
S 24	12 5 27	3 ^h 11'46	0 ^m 39	1 ^h 48	8 ^m 12	17 ^h 35	20 ^h 27	29 ^h 30	15 ^m 15	20 ^h 33	24 ^h 33	15 ^m 9	16 ^m 1	25 ^m 48	2 ^m 21	S 24
S 25	12 9 24	4 ^h 11'23	13 ^m 54	3 ^h 46	9 ^h 24	17 ^h 15	20 ^h 20	29 ^h 35	15 ^m 18	20 ^h 31	24 ^h 34	15 ^m 10	15 ^m 58	25 ^m 55	2 ^m 25	S 25
M26	12 13 20	5 ^h 10'58	26 ^m 47	5 ^h 45	10 ^h 36	16 ^h 54	20 ^h 13	29 ^h 41	15 ^m 22	20 ^h 29	24 ^h 35	15 ^m 11	15 ^m 55	26 ^m 2	2 ^m 29	M26
T 27	12 17 17	6 ^h 10'32	9 ^m 20	7 ^h 45	11 ^h 48	16 ^h 33	20 ^m 5	29 ^h 47	15 ^m 25	20 ^h 28	24 ^h 36	15 ^m 12	15 ^m 52	26 ^m 9	2 ^m 32	T 27
W28	12 21 13	7 ^h 10'03	21 ^m 37	9 ^h 46	12 ^h 59	16 ^h 11	19 ^h 58	29 ^h 52	15 ^m 29	20 ^h 26	24 ^h 37	15 ^m 12	15 ^m 48	26 ^m 15	2 ^m 36	W28
T 29	12 25 10	8 ^h 9'33	3 ^m 31	11 ^h 47	14 ^h 11	15 ^h 49	19 ^h 51	29 ^h 58	15 ^m 32	20 ^h 25	24 ^h 38	15 ^h R13	15 ^m 45	26 ^m 22	2 ^m 40	T 29
F 30	12 29 6	9 ^h 9'01	15 ^m 47	13 ^h 49	15 ^h 22	15 ^h 27	19 ^h 43	0 ^h 11 4	15 ^m 35	20 ^h 23	24 ^h 38	15 ^m 13	15 ^m 42	26 ^m 29	2 ^m 44	F 30
S 31	12 33 3	10 ^h 1'8'27	27 ^m 329	15 ^h 51	16 ^h 34	15 ^m 4	19 ^m 36	0 ^h 11 10	15 ^h 39	20 ^m 21	24 ^h 39	15 ^h Y12	15 ^h Y39	26 ^m 35	2 ^h 47	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
T 1	7s44	28s12	4s52	16s 2	1s51	3n22	0s46	5s49	3n 7	7s24	1n30	17n46	1s55	4n56	0s39	4n28	1n 4	20s57	0n19	6n13	6n46	26s27	3n12	3n 5
F 2	7 21	28 19	5 8	15 35	1 55	3 53	0 43	5 47	3 7	7 23	1 30	17 47	1 55	4 57	0 39	4 29	1 4	20 57	0 19	6 12	6 44	26 26	3 13	3 5
S 3	6 59	27 7	5 10	15 7	1 58	4 24	0 41	5 44	3 8	7 21	1 30	17 48	1 55	4 58	0 39	4 30	1 4	20 57	0 19	6 11	6 43	26 25	3 14	3 5
S 4	6 35	24 43	5 0	14 38	2 1	4 55	0 38	5 42	3 8	7 19	1 31	17 49	1 55	4 59	0 39	4 30	1 4	20 57	0 19	6 8	6 42	26 23	3 16	3 5
M 5	6 12	21 14	4 36	14 7	2 4	5 26	0 35	5 39	3 8	7 17	1 31	17 50	1 54	5 1	0 39	4 31	1 4	20 57	0 19	6 6	6 41	26 22	3 17	3 4
T 6	5 49	16 50	4 0	13 35	2 6	5 56	0 32	5 36	3 9	7 15	1 31	17 51	1 54	5 2	0 39	4 32	1 4	20 57	0 18	6 4	6 40	26 21	3 18	3 4
W 7	5 26	11 43	3 12	13 2	2 8	6 27	0 30	5 33	3 9	7 13	1 31	17 52	1 54	5 3	0 39	4 32	1 4	20 56	0 18	6 2	6 38	26 19	3 20	3 4
T 8	5 2	6 5	2 15	12 28	2 10	6 57	0 27	5 29	3 9	7 11	1 31	17 53	1 54	5 4	0 39	4 33	1 4	20 56	0 18	6 1	6 37	26 18	3 21	3 4
F 9	4 39	0 7	1 10	11 52	2 11	7 28	0 24	5 25	3 10	7 9	1 31	17 55	1 53	5 5	0 38	4 34	1 4	20 56	0 18	6 0	6 36	26 17	3 22	3 4
S 10	4 16	5n57	0 1	11 16	2 11	7 58	0 21	5 21	3 10	7 7	1 32	17 56	1 53	5 7	0 38	4 34	1 4	20 56	0 18	6 0	6 35	26 16	3 24	3 4
S 11	3 52	11 52	1n10	10 38	2 11	8 28	0 18	5 17	3 10	7 5	1 32	17 57	1 53	5 8	0 38	4 35	1 4	20 56	0 18	6 0	6 33	26 14	3 25	3 4
M12	3 28	17 22	2 18	9 59	2 11	8 58	0 15	5 12	3 10	7 2	1 32	17 58	1 53	5 9	0 38	4 36	1 4	20 56	0 18	6 0	6 32	26 13	3 27	3 4
T 13	3 5	22 8	3 20	9 18	2 10	9 27	0 12	5 7	3 10	7 0	1 32	17 59	1 52	5 10	0 38	4 36	1 4	20 56	0 18	6 1	6 31	26 11	3 28	3 4
W14	2 41	25 48	4 12	8 37	2 9	9 57	0 9	5 2	3 10	6 58	1 32	18 1	1 52	5 12	0 38	4 37	1 4	20 55	0 18	6 1	6 30	26 10	3 29	3 3
T 15	2 17	28 0	4 50	7 54	2 8	10 26	0 6	4 57	3 10	6 55	1 32	18 2	1 52	5 13	0 38	4 38	1 4	20 55	0 18	6 2	6 29	26 9	3 31	3 3
F 16	1 54	28 26	5 11	7 10	2 5	10 55	0 3	4 52	3 10	6 53	1 33	18 3	1 52	5 14	0 38	4 38	1 4	20 55	0 18	6 2	6 27	26 7	3 32	3 3
S 17	1 30	27 0	5 14	6 25	2 3	11 23	0n 1	4 46	3 10	6 50	1 33	18 4	1 51	5 16	0 38	4 39	1 4	20 55	0 18	6 1	6 26	26 6	3 34	3 3
S 18	1 6	23 45	4 56	5 39	2 0	11 52	0 4	4 40	3 10	6 48	1 33	18 6	1 51	5 17	0 38	4 39	1 4	20 55	0 17	6 0	6 25	26 5	3 35	3 3
M19	0 42	19 0	4 20	4 52	1 56	12 20	0 7	4 34	3 9	6 45	1 33	18 7	1 51	5 18	0 38	4 40	1 4	20 55	0 17	5 59	6 24	26 3	3 36	3 3
T 20	0 19	13 8	3 27	4 3	1 52	12 47	0 10	4 28	3 9	6 43	1 33	18 8	1 51	5 19	0 38	4 41	1 4	20 55	0 17	5 59	6 23	26 2	3 36	3 3
W21	0n 5	6 35	2 21	3 14	1 48	13 15	0 14	4 21	3 8	6 40	1 33	18 10	1 50	5 21	0 38	4 41	1 4	20 55	0 17	5 58	6 21	26 0	3 39	3 3
T 22	0 29	0s12	1 6	2 24	1 42	13 42	0 17	4 15	3 8	6 37	1 33	18 11	1 50	5 22	0 38	4 42	1 4	20 55	0 17	5 58	6 20	25 59	3 41	3 3
F 23	0 52	6 50	0s10	1 32	1 37	14 9	0 20	4 8	3 7	6 35	1 33	18 12	1 50	5 23	0 38	4 43	1 4	20 54	0 17	5 57	6 19	25 58	3 42	3 3
S 24	1 16	13 0	1 25	0 40	1 30	14 36	0 24	4 1	3 6	6 32	1 34	18 14	1 50	5 25	0 38	4 43	1 4	20 54	0 17	5 58	6 18	25 56	3 44	3 3
S 25	1 40	18 25	2 32	0n13	1 24	15 2	0 27	3 54	3 6	6 29	1 34	18 15	1 50	5 26	0 38	4 44	1 4	20 54	0 17	5 58	6 16	25 55	3 45	3 3
M26	2 3	22 49	3 31	1 7	1 16	15 28	0 30	3 47	3 5	6 26	1 34	18 16	1 49	5 27	0 38	4 45	1 4	20 54	0 17	5 58	6 15	25 53	3 46	3 3
T 27	2 27	26 3	4 17	2 1	1 9	15 53	0 34	3 40	3 4	6 24	1 34	18 18	1 49	5 29	0 38	4 45	1 4	20 54	0 17	5 59	6 14	25 52	3 48	3 2
W28	2 50	27 58	4 50	2 56	1 0	16 18	0 37	3 33	3 3	6 21	1 34	18 19	1 49	5 30	0 38	4 46	1 4	20 54	0 17	5 59	6 13	25 50	3 49	3 2
T 29	3 14	28 32	5 10	3 52	0 52	16 43	0 40	3 25	3 2	6 18	1 34	18 21	1 49	5 31	0 38	4 47	1 4	20 54	0 16	5 59	6 12	25 49	3 51	3 2
F 30	3 37	27 44	5 17	4 48	0 42	17 7	0 44	3 18	3 1	6 15	1 34	18 22	1 49	5 32	0 38	4 47	1 4	20 54	0 16	5 59	6 10	25 47	3 52	3 2
S 31	4n 1	25s41	5s 9	5n44	0s32	17n31	0n47	3s10	2n59	6s12	1n34	18n23	1s48	5n34	0s38	4n48	1n 4	20s54	0n16	5n59	6n 9	25s46	3n54	3n 2

ASTRODIENST EPHEMERIS for the year 2266

geocentric

APRIL 2266

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 59	11° 7' 52"	9° 23'	17° 53'	17° 45'	14° R41	19° R28	0° 11' 16"	15° 42'	20° R20	24° 40'	15° R12	15° 36'	26° 42'	2° 51'	S 1
M 2	12 40 56	12° 7' 15"	21° 22'	19° 55'	18° 56'	14° 18'	19° 20'	0° 22'	15° 46'	20° 18'	24° 41'	15° 12'	15° 33'	26° 49'	2° 55'	M 2
T 3	12 44 53	13° 6' 35"	3° 30'	21° 56'	20° 8'	13° 55'	19° 13'	0° 28'	15° 49'	20° 17'	24° 41'	15° 11'	15° 29'	26° 56'	2° 59'	T 3
W 4	12 48 49	14° 5' 54"	15° 50'	23° 57'	21° 19'	13° 32'	19° 5'	0° 34'	15° 53'	20° 15'	24° 42'	15° 11'	15° 26'	27° 2'	3° 2'	W 4
T 5	12 52 46	15° 5' 11"	28° 24'	25° 56'	22° 30'	13° 9'	18° 58'	0° 40'	15° 56'	20° 14'	24° 43'	15° D11	15° 23'	27° 9'	3° 6'	T 5
F 6	12 56 42	16° 4' 26"	11° 14'	27° 54'	23° 41'	12° 45'	18° 50'	0° 46'	15° 59'	20° 12'	24° 43'	15° R11	15° 20'	27° 16'	3° 10'	F 6
S 7	13 0 39	17° 3' 39"	24° 19'	29° 50'	24° 51'	12° 22'	18° 42'	0° 53'	16° 3'	20° 11'	24° 44'	15° 11'	15° 17'	27° 22'	3° 13'	S 7
S 8	13 4 35	18° 2' 51"	7° 40'	1° 43'	26° 2'	11° 59'	18° 34'	0° 59'	16° 6'	20° 9'	24° 44'	15° 11'	15° 13'	27° 29'	3° 17'	S 8
M 9	13 8 32	19° 2' 00"	21° 15'	3° 34'	27° 13'	11° 36'	18° 27'	1° 5'	16° 10'	20° 8'	24° 45'	15° 10'	15° 10'	27° 36'	3° 21'	M 9
T 10	13 12 28	20° 1' 06"	5° 11' 2"	5° 22'	28° 23'	11° 13'	18° 19'	1° 12'	16° 13'	20° 7'	24° 45'	15° 10'	15° 7'	27° 43'	3° 24'	T 10
W11	13 16 25	21° 0' 11"	18° 59'	7° 7'	29° 34'	10° 50'	18° 11'	1° 18'	16° 17'	20° 5'	24° 46'	15° 9'	15° 4'	27° 49'	3° 28'	W11
T 12	13 20 22	21° 59' 14"	3° 4'	8° 47'	0° 11' 44"	10° 28'	18° 3'	1° 25'	16° 20'	20° 4'	24° 46'	15° 9'	15° 1'	27° 56'	3° 32'	T 12
F 13	13 24 18	22° 58' 14"	17° 14'	10° 24'	1° 54'	10° 6'	17° 56'	1° 32'	16° 23'	20° 3'	24° 47'	15° D 8	14° 58'	28° 3'	3° 35'	F 13
S 14	13 28 15	23° 57' 11"	1° 27'	11° 56'	3° 4'	9° 44'	17° 48'	1° 38'	16° 27'	20° 1'	24° 47'	15° 9'	14° 54'	28° 9'	3° 39'	S 14
S 15	13 32 11	24° 56' 07"	15° 41'	13° 23'	4° 14'	9° 22'	17° 41'	1° 45'	16° 30'	20° 0'	24° 48'	15° 9'	14° 51'	28° 16'	3° 42'	S 15
M16	13 36 8	25° 55' 00"	29° 52'	14° 46'	5° 24'	9° 1'	17° 33'	1° 52'	16° 34'	19° 59'	24° 48'	15° 10'	14° 48'	28° 23'	3° 46'	M16
T 17	13 40 4	26° 53' 51"	13° 59'	16° 4'	6° 33'	8° 41'	17° 25'	1° 59'	16° 37'	19° 57'	24° 48'	15° 11'	14° 45'	28° 30'	3° 50'	T 17
W18	13 44 1	27° 52' 39"	27° 59'	17° 16'	7° 43'	8° 21'	17° 18'	2° 5'	16° 40'	19° 56'	24° 48'	15° 12'	14° 42'	28° 36'	3° 53'	W18
T 19	13 47 57	28° 51' 25"	11° 48'	18° 23'	8° 52'	8° 2'	17° 10'	2° 12'	16° 44'	19° 55'	24° 49'	15° R12	14° 39'	28° 43'	3° 57'	T 19
F 20	13 51 54	29° 50' 10"	25° 25'	19° 24'	10° 2'	7° 43'	17° 3'	2° 19'	16° 47'	19° 54'	24° 49'	15° 12'	14° 35'	28° 50'	4° 0'	F 20
S 21	13 55 50	0° 48' 52"	8° 46'	20° 19'	11° 11'	7° 24'	16° 56'	2° 26'	16° 50'	19° 52'	24° 49'	15° 11'	14° 32'	28° 57'	4° 4'	S 21
S 22	13 59 47	1° 47' 33"	21° 51'	21° 9'	12° 20'	7° 7'	16° 48'	2° 33'	16° 54'	19° 51'	24° 49'	15° 9'	14° 29'	29° 3'	4° 7'	S 22
M23	14 3 44	2° 46' 11"	4° 38'	21° 52'	13° 29'	6° 49'	16° 41'	2° 41'	16° 57'	19° 50'	24° 49'	15° 7'	14° 26'	29° 10'	4° 10'	M23
T 24	14 7 40	3° 44' 48"	17° 10'	22° 30'	14° 37'	6° 33'	16° 34'	2° 48'	17° 0'	19° 49'	24° 49'	15° 4'	14° 23'	29° 17'	4° 14'	T 24
W25	14 11 37	4° 43' 24"	29° 27'	23° 2'	15° 46'	6° 17'	16° 27'	2° 55'	17° 4'	19° 48'	24° 49'	15° 1'	14° 19'	29° 23'	4° 17'	W25
T 26	14 15 33	5° 41' 57"	11° 32'	23° 28'	16° 54'	6° 2'	16° 20'	3° 2'	17° 7'	19° 47'	24° R49	14° 59'	14° 16'	29° 30'	4° 20'	T 26
F 27	14 19 30	6° 40' 29"	23° 29'	23° 47'	18° 3'	5° 48'	16° 13'	3° 9'	17° 10'	19° 46'	24° 49'	14° 57'	14° 13'	29° 37'	4° 24'	F 27
S 28	14 23 26	7° 38' 59"	5° 22'	24° 1'	19° 11'	5° 34'	16° 6'	3° 16'	17° 14'	19° 45'	24° 49'	14° D56	14° 10'	29° 44'	4° 27'	S 28
S 29	14 27 23	8° 37' 28"	17° 15'	24° 9'	20° 19'	5° 21'	16° 0'	3° 24'	17° 17'	19° 44'	24° 49'	14° 57'	14° 7'	29° 50'	4° 30'	S 29
M30	14 31 20	9° 35' 55"	29° 15'	24° R11	21° 11' 27"	5° 15' 53"	15° 53'	3° 31' 31"	17° 17' 20"	19° 44' 43"	24° 49'	14° 58'	14° 4'	29° 57'	4° 34'	M30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	4n24	22s31	4s49	6n40	0s22	17n55	0n51	3s 3	2n58	6s 9	1n34	18n25	1s48	5n35	0s38	S 1
M 2	4 47	18 24	4 16	7 36	0 12	18 18	0 54	2 55	2 57	6 6	1 34	18 26	1 48	5 36	0 38	M 2
T 3	5 10	13 29	3 31	8 31	0 1	18 40	0 57	2 47	2 55	6 4	1 34	18 28	1 48	5 38	0 38	T 3
W 4	5 33	7 58	2 36	9 26	0n10	19 3	1 1	2 40	2 54	6 1	1 34	18 29	1 48	5 39	0 38	W 4
T 5	5 56	2 2	1 32	10 21	0 22	19 24	1 4	2 32	2 52	5 58	1 34	18 31	1 47	5 40	0 38	T 5
F 6	6 19	4n 6	0 22	11 14	0 33	19 45	1 8	2 25	2 50	5 55	1 34	18 32	1 47	5 42	0 38	F 6
S 7	6 42	10 12	0n50	12 6	0 45	20 6	1 11	2 18	2 49	5 52	1 34	18 34	1 47	5 43	0 38	S 7
S 8	7 4	15 58	2 1	12 56	0 57	20 26	1 14	2 10	2 47	5 49	1 34	18 35	1 47	5 44	0 38	S 8
M 9	7 27	21 3	3 7	13 45	1 8	20 46	1 17	2 3	2 45	5 46	1 34	18 37	1 47	5 46	0 38	M 9
T 10	7 49	25 5	4 2	14 33	1 19	21 5	1 21	1 56	2 43	5 43	1 34	18 38	1 46	5 47	0 38	T 10
W11	8 11	27 40	4 44	15 18	1 31	21 24	1 24	1 49	2 41	5 40	1 34	18 40	1 46	5 48	0 38	W11
T 12	8 33	28 32	5 10	16 0	1 41	21 42	1 27	1 42	2 39	5 37	1 34	18 41	1 46	5 50	0 38	T 12
F 13	8 55	27 32	5 16	16 41	1 52	21 59	1 30	1 35	2 37	5 34	1 34	18 43	1 46	5 51	0 38	F 13
S 14	9 17	24 45	5 4	17 19	2 1	22 16	1 34	1 29	2 34	5 32	1 34	18 44	1 46	5 52	0 38	S 14
S 15	9 38	20 27	4 33	17 55	2 10	22 33	1 37	1 23	2 32	5 29	1 34	18 46	1 46	5 54	0 38	S 15
M16	10 0	15 1	3 45	18 27	2 19	22 49	1 40	1 17	2 30	5 26	1 34	18 47	1 45	5 55	0 38	M16
T 17	10 21	8 49	2 44	18 58	2 27	23 4	1 43	1 11	2 27	5 23	1 34	18 49	1 45	5 56	0 38	T 17
W18	10 42	2 14	1 34	19 25	2 33	23 19	1 46	1 5	2 25	5 20	1 34	18 50	1 45	5 57	0 38	W18
T 19	11 3	4s22	0 19	19 50	2 39	23 33	1 49	1 0	2 23	5 17	1 34	18 52	1 45	5 59	0 38	T 19
F 20	11 24	10 41	0s56	20 12	2 45	23 46	1 52	0 55	2 20	5 15	1 34	18 53	1 45	6 0	0 38	F 20
S 21	11 45	16 24	2 6	20 31	2 49	23 59	1 55	0 50	2 18	5 12	1 34	18 55	1 45	6 1	0 38	S 21
S 22	12 5	21 14	3 9	20 47	2 52	24 11	1 58	0 45	2 15	5 9	1 34	18 56	1 45	6 3	0 38	S 22
M23	12 25	24 58	4 0	21 0	2 53	24 23	2 1	0 41	2 13	5 7	1 33	18 58	1 44	6 4	0 38	M23
T 24	12 45	27 24	4 38	21 11	2 54	24 34	2 3	0 36	2 10	5 4	1 33	18 59	1 44	6 5	0 38	T 24
W25	13 5	28 27	5 3	21 18	2 54	24 44	2 6	0 33	2 7	5 1	1 33	19 1	1 44	6 6	0 38	W25
T 26	13 24	28 7	5 14	21 23	2 52	24 54	2 9	0 29	2 5	4 59	1 33	19 2	1 44	6 8	0 38	T 26
F 27	13 44	26 29	5 11	21 25	2 49	25 3	2 11	0 26	2 2	4 56	1 33	19 4	1 44	6 9	0 38	F 27
S 28	14 3	23 40	4 55	21 25	2 45	25 11	2 14	0 23	2 0	4 54	1 33	19 5	1 44	6 10	0 38	S 28
S 29	14 21	19 52	4 26	21 21	2 39	25 19	2 16	0 20	1 57	4 51	1 33	19 7	1 44	6 11	0 38	S 29
M30	14n40	15s14	3s45	21n15	2n32	25n26	2n18	0s18	1n54	4s49	1n33	19n 8	1s43	6n13	0s38	M30

Julian Day Number = 2548789.5, Delta T = 243.06 sec
 Ecliptic obliquity = 23°24'26", Nutation = - 0°00'05", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°27'42", Lahiri = 27°34'42"

ASTRODIENST EPHEMERIS for the year 2266

geocentric

MAY 2266

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 16	10°34'20	11°24	24°R 8	22°II34	4°R57	15°R47	3°II38	17°Y23	19°R42	24°R49	14°Y59	14°Y 0	0°≈ 4	4°Y37	T 1
W 2	14 39 13	11°32'44	23°48	23°B59	23°42	4°A47	15°A40	3°46	17°27	19°M41	24°B49	15° 1	13°57	0°10	4°40	W 2
T 3	14 43 9	12°31'06	6°Y29	23°45	24°49	4°37	15°34	3°53	17°30	19°40	24°49	15° 2	13°54	0°17	4°43	T 3
F 4	14 47 6	13°29'26	19°31	23°27	25°56	4°28	15°28	4° 1	17°33	19°39	24°49	15°R 2	13°51	0°24	4°46	F 4
S 5	14 51 2	14°27'45	2°B55	23° 4	27° 3	4°20	15°22	4° 8	17°36	19°39	24°48	15° 1	13°48	0°31	4°49	S 5
S 6	14 54 59	15°26'02	16°39	22°37	28°10	4°12	15°16	4°16	17°39	19°38	24°48	14°58	13°45	0°37	4°52	S 6
M 7	14 58 55	16°24'18	0°II41	22° 8	29°17	4° 6	15°10	4°23	17°42	19°37	24°48	14°55	13°41	0°44	4°55	M 7
T 8	15 2 52	17°22'32	14°56	21°35	0°B23	4° 0	15° 4	4°31	17°45	19°36	24°47	14°50	13°38	0°51	4°58	T 8
W 9	15 6 48	18°20'43	29°20	21° 0	1°30	3°55	14°59	4°38	17°48	19°36	24°47	14°45	13°35	0°57	5° 1	W 9
T 10	15 10 45	19°18'54	13°B47	20°23	2°36	3°50	14°54	4°46	17°52	19°35	24°47	14°41	13°32	1° 4	5° 4	T 10
F 11	15 14 42	20°17'02	28°12	19°46	3°42	3°47	14°48	4°54	17°55	19°34	24°46	14°37	13°29	1°11	5° 7	F 11
S 12	15 18 38	21°15'08	12°A30	19° 9	4°47	3°44	14°43	5° 1	17°58	19°34	24°46	14°36	13°25	1°18	5°10	S 12
S 13	15 22 35	22°13'12	26°39	18°32	5°53	3°42	14°38	5° 9	18° 1	19°33	24°45	14°D35	13°22	1°24	5°13	S 13
M14	15 26 31	23°11'14	10°M37	17°56	6°58	3°41	14°34	5°17	18° 3	19°33	24°45	14°36	13°19	1°31	5°16	M14
T 15	15 30 28	24° 9'14	24°23	17°22	8° 3	3°D41	14°29	5°24	18° 6	19°32	24°44	14°38	13°16	1°38	5°19	T 15
W16	15 34 24	25° 7'12	7°A58	16°50	9° 8	3°41	14°25	5°32	18° 9	19°31	24°44	14°R39	13°13	1°44	5°21	W16
T 17	15 38 21	26° 5'08	21°22	16°21	10°12	3°43	14°20	5°40	18°12	19°31	24°43	14°39	13°10	1°51	5°24	T 17
F 18	15 42 17	27° 3'03	4°M33	15°55	11°16	3°44	14°16	5°47	18°15	19°31	24°43	14°37	13° 6	1°58	5°27	F 18
S 19	15 46 14	28° 0'56	17°33	15°33	12°20	3°47	14°12	5°55	18°18	19°30	24°42	14°33	13° 3	2° 5	5°29	S 19
S 20	15 50 11	28°58'48	0°A21	15°15	13°24	3°51	14° 8	6° 3	18°21	19°30	24°41	14°27	13° 0	2°11	5°32	S 20
M21	15 54 7	29°56'38	12°56	15° 1	14°28	3°55	14° 5	6°11	18°23	19°29	24°41	14°20	12°57	2°18	5°34	M21
T 22	15 58 4	0°II54'27	25°19	14°51	15°31	3°59	14° 1	6°18	18°26	19°29	24°40	14°12	12°54	2°25	5°37	T 22
W23	16 2 0	1°52'15	7°B31	14°45	16°34	4° 5	13°58	6°26	18°29	19°29	24°39	14° 3	12°51	2°31	5°39	W23
T 24	16 5 57	2°50'01	19°34	14°D45	17°36	4°11	13°55	6°34	18°32	19°29	24°38	13°55	12°47	2°38	5°42	T 24
F 25	16 9 53	3°47'46	1°A29	14°48	18°39	4°18	13°52	6°42	18°34	19°28	24°38	13°49	12°44	2°45	5°44	F 25
S 26	16 13 50	4°45'30	13°21	14°56	19°41	4°25	13°49	6°49	18°37	19°28	24°37	13°44	12°41	2°52	5°46	S 26
S 27	16 17 47	5°43'13	25°14	15° 9	20°42	4°34	13°46	6°57	18°39	19°28	24°36	13°42	12°38	2°58	5°49	S 27
M28	16 21 43	6°40'55	7°B11	15°26	21°44	4°42	13°44	7° 5	18°42	19°28	24°35	13°D41	12°35	3° 5	5°51	M28
T 29	16 25 40	7°38'36	19°19	15°48	22°45	4°52	13°42	7°13	18°45	19°28	24°34	13°42	12°31	3°12	5°53	T 29
W30	16 29 36	8°36'15	1°Y42	16°14	23°46	5° 2	13°40	7°21	18°47	19°28	24°33	13°43	12°28	3°18	5°55	W30
T 31	16 33 33	9°II33'54	14°Y25	16°B44	24°B46	5°A12	13°A38	7°II28	18°Y49	19°D28	24°B33	13°R43	12°Y25	3°A25	5°Y57	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14n58	9s58	2s54	21n 7	2n24	25n32	2n21	0s16	1n52	4s47	1n32	19n10	1s43	6n14	0s38	5n 3	1n 4
W 2	15 17	4 12	1 54	20 55	2 15	25 38	2 23	0 14	1 49	4 44	1 32	19 11	1 43	6 15	0 38	5 3	1 4
T 3	15 34	1n51	0 47	20 41	2 4	25 43	2 25	0 12	1 46	4 42	1 32	19 13	1 43	6 16	0 38	5 4	1 4
F 4	15 52	8 0	0n25	20 25	1 52	25 48	2 27	0 11	1 44	4 40	1 32	19 14	1 43	6 17	0 38	5 4	1 4
S 5	16 9	13 58	1 36	20 7	1 39	25 52	2 29	0 10	1 41	4 38	1 32	19 16	1 43	6 19	0 38	5 4	1 4
S 6	16 26	19 25	2 44	19 46	1 25	25 55	2 31	0 10	1 39	4 36	1 32	19 17	1 43	6 20	0 38	5 4	1 3
M 7	16 43	23 55	3 44	19 24	1 10	25 57	2 33	0 9	1 36	4 33	1 32	19 19	1 43	6 21	0 38	5 5	1 3
T 8	17 0	27 2	4 30	19 0	0 54	25 59	2 35	0 9	1 33	4 31	1 31	19 20	1 42	6 22	0 38	5 5	1 3
W 9	17 16	28 24	5 0	18 35	0 38	26 0	2 36	0 10	1 31	4 30	1 31	19 22	1 42	6 23	0 38	5 5	1 3
T 10	17 32	27 51	5 11	18 9	0 21	26 1	2 38	0 10	1 28	4 28	1 31	19 23	1 42	6 24	0 38	5 6	1 3
F 11	17 48	25 26	5 2	17 43	0 3	26 0	2 39	0 11	1 26	4 26	1 31	19 24	1 42	6 26	0 38	5 6	1 3
S 12	18 3	21 26	4 35	17 16	0s14	26 0	2 41	0 13	1 23	4 24	1 31	19 26	1 42	6 27	0 38	5 6	1 3
S 13	18 18	16 14	3 51	16 49	0 32	25 58	2 42	0 14	1 21	4 22	1 30	19 27	1 42	6 28	0 38	5 6	1 3
M14	18 33	10 16	2 54	16 22	0 49	25 56	2 43	0 16	1 18	4 21	1 30	19 29	1 42	6 29	0 38	5 6	1 3
T 15	18 47	3 53	1 48	15 56	1 6	25 53	2 44	0 18	1 16	4 19	1 30	19 30	1 42	6 30	0 38	5 7	1 3
W16	19 1	2s36	0 36	15 32	1 22	25 50	2 45	0 21	1 13	4 18	1 30	19 32	1 42	6 31	0 38	5 7	1 3
T 17	19 15	8 53	0 36	15 8	1 38	25 46	2 46	0 23	1 11	4 16	1 30	19 33	1 42	6 32	0 38	5 7	1 3
F 18	19 28	14 41	1 46	14 46	1 54	25 41	2 46	0 26	1 9	4 15	1 29	19 35	1 42	6 33	0 38	5 7	1 3
S 19	19 41	19 44	2 48	14 26	2 8	25 36	2 47	0 29	1 6	4 13	1 29	19 36	1 41	6 34	0 38	5 7	1 3
S 20	19 54	23 48	3 41	14 8	2 21	25 30	2 47	0 33	1 4	4 12	1 29	19 37	1 41	6 35	0 38	5 7	1 3
M21	20 7	26 40	4 23	13 52	2 34	25 24	2 48	0 37	1 2	4 11	1 29	19 39	1 41	6 36	0 38	5 7	1 3
T 22	20 19	28 10	4 51	13 38	2 46	25 17	2 48	0 41	0 59	4 10	1 28	19 40	1 41	6 37	0 38	5 7	1 3
W23	20 30	28 16	5 5	13 26	2 56	25 10	2 48	0 45	0 57	4 9	1 28	19 42	1 41	6 38	0 38	5 8	1 3
T 24	20 42	27 1	5 5	13 17	3 5	25 1	2 48	0 49	0 55	4 8	1 28	19 43	1 41	6 39	0 38	5 8	1 3
F 25	20 53	24 33	4 53	13 10	3 14	24 53	2 48	0 54	0 53	4 7	1 28	19 44	1 41	6 40	0 38	5 8	1 3
S 26	21 4	21 3	4 27	13 5	3 21	24 44	2 47	0 59	0 50	4 6	1 28	19 46	1 41	6 41	0 39	5 8	1 3
S 27	21 14	16 42	3 50	13 3	3 27	24 34	2 47	1 4	0 48	4 5	1 27	19 47	1 41	6 42	0 39	5 8	1 3
M28	21 24	11 42	3 3	13 3	3 33	24 24	2 46	1 10	0 46	4 4	1 27	19 48	1 41	6 43	0 39	5 8	1 3
T 29	21 33	6 10	2 7	13 5	3 37	24 13	2 46	1 15	0 44	4 4	1 27	19 50	1 41	6 44	0 39	5 8	1 3
W30	21 43	0 18	1 4	13 9	3 40	24 2	2 45	1 21	0 42	4 3	1 27	19 51	1 41	6 45	0 39	5 8	1 3
T 31	21n51	5n44	0n 4	13n16	3s42	23n50	2n44	1s27	0n40	4s 3	1n26	19n52	1s41	6n46	0s39	5n 8	1n 3

Julian Day Number = 2548819.5, Delta T = 243.18 sec
 Ecliptic obliquity = 23°24'26", Nutation = - 0°00'05", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°27'46", Lahiri = 27°34'46"

ASTRODIENST EPHEMERIS for the year 2266

geocentric

JUNE 2266

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 37 29	10 ^{II} 31'32	27 ^{VI} 32	17 ^{III} 18	25 ^{IV} 46	5 ^{II} 24	13 ^R 36	7 ^{II} 36	18 ^{VI} 52	19 ^{III} 28	24 ^R 32	13 ^R 42	12 ^{VI} 22	3 ^{III} 32	5 ^{VI} 59	F 1
S 2	16 41 26	11°29'09	11 [°] 5	17°56	26°46	5°35	13 [°] 34	7°44	18°54	19°28	24 [°] 31	13 [°] 39	12°19	3°39	6°1	S 2
S 3	16 45 22	12°26'45	25°4	18°38	27°45	5°48	13°33	7°52	18°57	19°28	24°30	13°34	12°16	3°45	6°3	S 3
M 4	16 49 19	13°24'20	9 ^{II} 26	19°24	28°44	6°1	13°32	7°59	18°59	19°28	24°29	13°27	12°12	3°52	6°5	M 4
T 5	16 53 16	14°21'54	24°6	20°14	29°43	6°14	13°31	8°7	19°1	19°28	24°28	13°18	12°9	3°59	6°7	T 5
W 6	16 57 12	15°19'27	8 ^{IV} 56	21°7	0 ^{II} 41	6°29	13°30	8°15	19°4	19°28	24°27	13°8	12°6	4°5	6°9	W 6
T 7	17 1 9	16°16'58	23°49	22°3	1°38	6°43	13°29	8°23	19°6	19°29	24°26	13°0	12°3	4°12	6°11	T 7
F 8	17 5 5	17°14'29	8 ^{II} 34	23°3	2°35	6°58	13°29	8°30	19°8	19°29	24°24	12°53	12°0	4°19	6°12	F 8
S 9	17 9 2	18°11'58	23°7	24°7	3°32	7°14	13°28	8°38	19°10	19°29	24°23	12°48	11°57	4°26	6°14	S 9
S 10	17 12 58	19°9'26	7 ^{III} 22	25°13	4°28	7°30	13 [°] D28	8°46	19°12	19°30	24°22	12°46	11°53	4°32	6°16	S 10
M11	17 16 55	20°6'52	21°18	26°23	5°24	7°47	13°28	8°54	19°14	19°30	24°21	12°D45	11°50	4°39	6°17	M11
T 12	17 20 51	21°4'18	4 ^{II} 56	27°36	6°19	8°4	13°29	9°1	19°16	19°30	24°20	12°46	11°47	4°46	6°19	T 12
W13	17 24 48	22°1'42	18°16	28°51	7°14	8°22	13°29	9°9	19°18	19°31	24°19	12°R46	11°44	4°52	6°20	W13
T 14	17 28 45	22°59'05	1 ^{III} 21	0 ^{II} 10	8°8	8°40	13°30	9°17	19°20	19°31	24°18	12°44	11°41	4°59	6°22	T 14
F 15	17 32 41	23°56'27	14°13	1°32	9°2	8°59	13°31	9°24	19°22	19°32	24°16	12°41	11°37	5°6	6°23	F 15
S 16	17 36 38	24°53'48	26°54	2°57	9°55	9°18	13°32	9°32	19°24	19°32	24°15	12°34	11°34	5°13	6°24	S 16
S 17	17 40 34	25°51'09	9 ^{II} 24	4°25	10°47	9°37	13°33	9°39	19°26	19°33	24°14	12°25	11°31	5°19	6°26	S 17
M18	17 44 31	26°48'28	21°45	5°56	11°39	9°57	13°34	9°47	19°27	19°33	24°13	12°14	11°28	5°26	6°27	M18
T 19	17 48 27	27°45'47	3 ^{IV} 57	7°29	12°30	10°17	13°35	9°55	19°29	19°34	24°11	12°1	11°25	5°33	6°28	T 19
W20	17 52 24	28°43'05	16°1	9°6	13°20	10°38	13°37	10°2	19°31	19°34	24°10	11°48	11°22	5°39	6°29	W20
T 21	17 56 21	29°40'23	27°59	10°45	14°10	10°59	13°39	10°10	19°33	19°35	24°9	11°36	11°18	5°46	6°30	T 21
F 22	18 0 17	0 ^{IV} 37'40	9 ^{III} 51	12°27	14°59	11°21	13°41	10°17	19°34	19°36	24°8	11°26	11°15	5°53	6°31	F 22
S 23	18 4 14	1°34'57	21°42	14°12	15°47	11°43	13°43	10°25	19°36	19°36	24°6	11°17	11°12	6°0	6°32	S 23
S 24	18 8 10	2°32'13	3 ^{II} 33	16°0	16°34	12°5	13°46	10°32	19°37	19°37	24°5	11°12	11°9	6°6	6°33	S 24
M25	18 12 7	3°29'30	15°29	17°50	17°21	12°28	13°48	10°39	19°39	19°38	24°4	11°9	11°6	6°13	6°34	M25
T 26	18 16 3	4°26'45	27°35	19°43	18°6	12°51	13°51	10°47	19°40	19°39	24°2	11°8	11°3	6°20	6°35	T 26
W27	18 20 0	5°24'01	9 ^{VI} 56	21°39	18°51	13°14	13°54	10°54	19°42	19°40	24°1	11°8	10°59	6°26	6°35	W27
T 28	18 23 56	6°21'17	22°37	23°37	19°35	13°38	13°57	11°1	19°43	19°41	23°59	11°8	10°56	6°33	6°36	T 28
F 29	18 27 53	7°18'32	5 ^{II} 42	25°37	20°18	14°2	14°0	11°9	19°44	19°41	23°58	11°6	10°53	6°40	6°37	F 29
S 30	18 31 49	8°15'47	19 ^{III} 15	27 [°] II40	21 [°] II0	14 [°] II27	14 [°] 3	11 [°] II16	19 [°] VI45	19 [°] II42	23 [°] II57	11 [°] VI3	10 [°] VI50	6 [°] II47	6 [°] VI37	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22n 0	11n43	1n13	13n24	3s44	23n37	2n43	1s34	0n38	4s 2	1n26	19n54	1s41	6n47	0s39	5n 8	1n 3	21s 1	0n11	5n24	4n53	24s 0	5n11	3n 4					
S 2	22 8	17 22	2 21	13 34	3 44	23 25	2 41	1 40	0 36	4 2	1 26	19 55	1 41	6 48	0 39	5 8	1 3	21 1	0 11	5 23	4 52	23 58	5 12	3 4					
S 3	22 15	22 16	3 22	13 46	3 44	23 12	2 40	1 47	0 34	4 2	1 26	19 56	1 40	6 49	0 39	5 8	1 3	21 1	0 11	5 21	4 50	23 56	5 13	3 4					
M 4	22 23	25 59	4 12	13 59	3 42	22 58	2 38	1 54	0 32	4 1	1 25	19 58	1 40	6 50	0 39	5 8	1 3	21 1	0 11	5 18	4 49	23 54	5 14	3 4					
T 5	22 30	28 3	4 47	14 14	3 40	22 44	2 36	2 1	0 30	4 1	1 25	19 59	1 40	6 51	0 39	5 7	1 3	21 2	0 10	5 14	4 48	23 52	5 15	3 4					
W 6	22 36	28 8	5 3	14 31	3 37	22 29	2 34	2 8	0 28	4 1	1 25	20 0	1 40	6 51	0 39	5 7	1 3	21 2	0 10	5 11	4 47	23 50	5 15	3 4					
T 7	22 42	26 12	4 58	14 49	3 34	22 15	2 32	2 16	0 26	4 1	1 25	20 1	1 40	6 52	0 39	5 7	1 3	21 2	0 10	5 8	4 45	23 49	5 16	3 4					
F 8	22 48	22 30	4 34	15 8	3 30	21 59	2 30	2 23	0 25	4 1	1 24	20 3	1 40	6 53	0 39	5 7	1 3	21 2	0 10	5 5	4 44	23 47	5 17	3 4					
S 9	22 53	17 27	3 52	15 28	3 25	21 44	2 27	2 31	0 23	4 1	1 24	20 4	1 40	6 54	0 39	5 7	1 3	21 3	0 10	5 3	4 43	23 45	5 18	3 4					
S 10	22 58	11 31	2 56	15 49	3 19	21 28	2 25	2 39	0 21	4 1	1 24	20 5	1 40	6 55	0 39	5 7	1 3	21 3	0 10	5 2	4 42	23 43	5 18	3 5					
M 11	23 2	5 9	1 52	16 11	3 13	21 11	2 22	2 47	0 19	4 2	1 23	20 6	1 40	6 55	0 39	5 7	1 3	21 3	0 10	5 2	4 40	23 41	5 19	3 5					
T 12	23 6	1s19	0 42	16 34	3 6	20 55	2 19	2 56	0 18	4 2	1 23	20 7	1 40	6 56	0 39	5 7	1 3	21 4	0 10	5 2	4 39	23 39	5 20	3 5					
W 13	23 10	7 36	0s29	16 58	2 59	20 38	2 16	3 4	0 16	4 2	1 23	20 9	1 40	6 57	0 39	5 6	1 3	21 4	0 10	5 2	4 38	23 37	5 20	3 5					
T 14	23 13	13 27	1 37	17 23	2 51	20 20	2 12	3 13	0 14	4 3	1 23	20 10	1 40	6 57	0 39	5 6	1 3	21 4	0 10	5 2	4 37	23 35	5 21	3 5					
F 15	23 16	18 36	2 39	17 47	2 42	20 3	2 9	3 22	0 12	4 3	1 22	20 11	1 40	6 58	0 39	5 6	1 2	21 5	0 10	5 0	4 35	23 33	5 22	3 5					
S 16	23 19	22 52	3 31	18 13	2 33	19 45	2 5	3 31	0 11	4 4	1 22	20 12	1 40	6 59	0 39	5 6	1 2	21 5	0 9	4 58	4 34	23 31	5 22	3 5					
S 17	23 21	26 0	4 13	18 38	2 24	19 27	2 1	3 40	0 9	4 5	1 22	20 13	1 40	6 59	0 39	5 6	1 2	21 5	0 9	4 54	4 33	23 29	5 23	3 5					
M 18	23 22	27 50	4 42	19 4	2 14	19 8	1 57	3 49	0 8	4 6	1 22	20 14	1 40	7 0	0 39	5 5	1 2	21 5	0 9	4 50	4 32	23 27	5 24	3 5					
T 19	23 23	28 18	4 57	19 29	2 4	18 50	1 52	3 59	0 6	4 6	1 21	20 15	1 40	7 1	0 39	5 5	1 2	21 6	0 9	4 45	4 31	23 25	5 24	3 5					
W 20	23 24	27 24	5 0	19 54	1 54	18 31	1 48	4 8	0 4	4 7	1 21	20 16	1 40	7 1	0 39	5 5	1 2	21 6	0 9	4 40	4 29	23 23	5 25	3 5					
T 21	23 24	25 15	4 48	20 20	1 43	18 12	1 43	4 18	0 3	4 8	1 21	20 18	1 40	7 2	0 39	5 4	1 2	21 6	0 9	4 35	4 28	23 21	5 25	3 6					
F 22	23 24	22 0	4 25	20 44	1 32	17 53	1 38	4 28	0 1	4 9	1 21	20 19	1 40	7 3	0 39	5 4	1 2	21 7	0 9	4 31	4 27	23 18	5 26	3 6					
S 23	23 24	17 53	3 50	21 8	1 21	17 34	1 33	4 38	0s 0	4 10	1 20	20 20	1 40	7 3	0 39	5 4	1 2	21 7	0 9	4 28	4 26	23 16	5 26	3 6					
S 24	23 23	13 4	3 5	21 31	1 9	17 14	1 27	4 48	0 2	4 11	1 20	20 21	1 40	7 4	0 39	5 4	1 2	21 7	0 9	4 26	4 24	23 14	5 27	3 6					
M 25	23 22	7 44	2 11	21 53	0 58	16 55	1 22	4 58	0 3	4 13	1 20	20 22	1 40	7 4	0 39	5 3	1 2	21 8	0 9	4 24	4 23	23 12	5 27	3 6					
T 26	23 20	2 3	1 11	22 14	0 46	16 35	1 16	5 8	0 4	4 14	1 20	20 23	1 40	7 5	0 39	5 3	1 2	21 8	0 8	4 24	4 22	23 10	5 27	3 6					
W 27	23 18	3n50	0 6	22 34	0 35	16 15	1 10	5 19	0 6	4 15	1 19	20 24	1 40	7 5	0 39	5 3	1 2	21 8	0 8	4 24	4 21	23 8	5 28	3 6					
T 28	23 15	9 43	1n 0	22 52	0 23	15 55	1 3	5 29	0 7	4 17	1 19	20 25	1 40	7 6	0 39	5 2	1 2	21 9	0 8	4 24	4 19	23 6	5 28	3 6					
F 29	23 12	15 23	2 6	23 8	0 12	15 36	0 57	5 40	0 9	4 18	1 19	20 26	1 40	7 6	0 39	5 2	1 2	21 9	0 8	4 23	4 18	23 4	5 28	3 6					
S 30	23n 9	20n30	3n 7	23n23	0s 0	15n16	0n50	5s50	0s10	4s20	1n19	20n27	1s40	7n 7	0s39	5n 1	1n 2	21s 9	0n 8	4n22	4n17	23s 2	5n29	3n 6					

ASTRODIENST EPHEMERIS for the year 2266

geocentric

JULY 2266

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 46	9°53'03	3°11'17	29°14'41	21°04'11	14°45'52	14°45' 7	11°11'23	19°14'47	19°14'43	23°14'55	10°14'56	10°14'47	6°14'53	6°14'38	S 1
M 2	18 39 43	10°10'18	17°47' 0	18°50'50	22°21' 0	15°17'17	14°11'11	11°30'30	19°48'48	19°44'44	23°54'54	10°14'48	10°43'43	7°0'0	6°38'38	M 2
T 3	18 43 39	11° 7'34	2°50'40	3°58'58	23°0'0	15°42'42	14°15'15	11°38'38	19°49'49	19°45'45	23°52'52	10°37'37	10°40'40	7°7'7	6°39'39	T 3
W 4	18 47 36	12° 4'49	17°48'18	6°6'6	23°38'38	16°8'8	14°19'19	11°45'45	19°50'50	19°46'46	23°51'51	10°26'26	10°37'37	7°13'13	6°39'39	W 4
T 5	18 51 32	13° 2'04	2°02'59	8°16'16	24°14'14	16°34'34	14°23'23	11°52'52	19°51'51	19°48'48	23°50'50	10°16'16	10°34'34	7°20'20	6°39'39	T 5
F 6	18 55 29	13°59'18	18° 4'4	10°26'26	24°50'50	17°1'1	14°27'27	11°59'59	19°52'52	19°49'49	23°48'48	10°8'8	10°31'31	7°27'27	6°40'40	F 6
S 7	18 59 25	14°56'32	2°11'54	12°37'37	25°24'24	17°27'27	14°32'32	12°6'6	19°53'53	19°50'50	23°47'47	10°2'2	10°28'28	7°34'34	6°40'40	S 7
S 8	19 3 22	15°53'46	17°22'22	14°48'48	25°56'56	17°54'54	14°36'36	12°13'13	19°54'54	19°51'51	23°45'45	9°58'58	10°24'24	7°40'40	6°40'40	S 8
M 9	19 7 19	16°51'00	1°45'25	16°58'58	26°28'28	18°22'22	14°41'41	12°20'20	19°55'55	19°52'52	23°44'44	9°57'57	10°21'21	7°47'47	6°40'40	M 9
T 10	19 11 15	17°48'13	15° 4'4	19°8'8	26°57'57	18°49'49	14°46'46	12°26'26	19°55'55	19°53'53	23°42'42	9°57'57	10°18'18	7°54'54	6°40'40	T 10
W 11	19 15 12	18°45'25	28°21'21	21°18'18	27°26'26	19°17'17	14°51'51	12°33'33	19°56'56	19°55'55	23°41'41	9°57'57	10°15'15	8°0'0	6°40'40	W 11
T 12	19 19 8	19°42'38	11°11'18	23°26'26	27°53'53	19°45'45	14°56'56	12°40'40	19°57'57	19°56'56	23°39'39	9°55'55	10°12'12	8°7'7	6°40'40	T 12
F 13	19 23 5	20°39'51	23°59'59	25°33'33	28°18'18	20°14'14	15°2'2	12°47'47	19°57'57	19°57'57	23°38'38	9°52'52	10°9'9	8°14'14	6°40'40	F 13
S 14	19 27 1	21°37'03	6°12'26	27°39'39	28°41'41	20°43'43	15°8'8	12°53'53	19°58'58	19°59'59	23°36'36	9°45'45	10°5'5	8°20'20	6°40'40	S 14
S 15	19 30 58	22°34'15	18°43'43	29°44'44	29°3'3	21°12'12	15°13'13	13°0'0	19°59'59	20°0'0	23°35'35	9°36'36	10°2'2	8°27'27	6°39'39	S 15
M 16	19 34 54	23°31'28	0°35'52	1°04'47	29°23'23	21°41'41	15°19'19	13°7'7	19°59'59	20°1'1	23°34'34	9°25'25	9°59'59	8°34'34	6°39'39	M 16
T 17	19 38 51	24°28'40	12°54'54	3°49'49	29°41'41	22°10'10	15°25'25	13°13'13	20°0'0	20°3'3	23°32'32	9°12'12	9°56'56	8°41'41	6°39'39	T 17
W 18	19 42 48	25°25'53	24°51'51	5°48'48	29°58'58	22°40'40	15°31'31	13°20'20	20°0'0	20°4'4	23°31'31	8°59'59	9°53'53	8°47'47	6°38'38	W 18
T 19	19 46 44	26°23'06	6°14'45	7°47'47	0°12'12	23°10'10	15°38'38	13°26'26	20°0'0	20°6'6	23°29'29	8°47'47	9°49'49	8°54'54	6°38'38	T 19
F 20	19 50 41	27°20'19	18°36'36	9°43'43	0°24'24	23°40'40	15°44'44	13°33'33	20°1'1	20°7'7	23°28'28	8°36'36	9°46'46	9°1'1	6°37'37	F 20
S 21	19 54 37	28°17'33	0°12'26	11°37'37	0°34'34	24°11'11	15°51'51	13°39'39	20°1'1	20°9'9	23°26'26	8°28'28	9°43'43	9°7'7	6°37'37	S 21
S 22	19 58 34	29°14'47	12°19'19	13°30'30	0°42'42	24°41'41	15°57'57	13°45'45	20°1'1	20°10'10	23°25'25	8°23'23	9°40'40	9°14'14	6°36'36	S 22
M 23	20 2 30	0°12'01	24°17'17	15°21'21	0°48'48	25°12'12	16°4'4	13°51'51	20°1'1	20°12'12	23°23'23	8°20'20	9°37'37	9°21'21	6°35'35	M 23
T 24	20 6 27	1° 9'16	6°12'24	17°10'10	0°52'52	25°43'43	16°11'11	13°57'57	20°1'1	20°13'13	23°22'22	8°19'19	9°34'34	9°28'28	6°35'35	T 24
W 25	20 10 23	2° 6'32	18°44'44	18°57'57	0°R53	26°15'15	16°18'18	14°4'4	20°1'1	20°15'15	23°20'20	8°19'19	9°30'30	9°34'34	6°34'34	W 25
T 26	20 14 20	3° 3'49	1°18'23	20°43'43	0°53'53	26°46'46	16°25'25	14°10'10	20°R 1	20°16'16	23°19'19	8°R20	9°27'27	9°41'41	6°33'33	T 26
F 27	20 18 17	4° 1'06	14°24'24	22°26'26	0°49'49	27°18'18	16°33'33	14°16'16	20°1'1	20°18'18	23°18'18	8°19'19	9°24'24	9°48'48	6°32'32	F 27
S 28	20 22 13	4°58'25	27°52'52	24°8'8	0°44'44	27°50'50	16°40'40	14°21'21	20°1'1	20°20'20	23°16'16	8°17'17	9°21'21	9°54'54	6°31'31	S 28
S 29	20 26 10	5°55'48	11°14'49	25°48'48	0°36'36	28°22'22	16°48'48	14°27'27	20°1'1	20°21'21	23°15'15	8°13'13	9°18'18	10°1'1	6°30'30	S 29
M 30	20 30 6	6°53'05	26°15'15	27°26'26	0°25'25	28°54'54	16°55'55	14°33'33	20°1'1	20°23'23	23°13'13	8°6'6	9°15'15	10°8'8	6°29'29	M 30
T 31	20 34 3	7°05'26	11°15'6	29°02'3	0°13'13	29°12'27	17°12'3	14°11'39	20°1'1	20°25'25	23°12'12	7°15'58	9°11'11	10°14'14	6°28'28	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23n 5	24n41	3n58	23n35	0n11	14n56	0n43	6s 1	0s11	4s21	1n18	20n28	1s40	7n 7	0s39	S 1
M 2	23 1	27 26	4 37	23 45	0 21	14 36	0 35	6 12	0 13	4 23	1 18	20 29	1 40	7 7	0 39	M 2
T 3	22 57	28 20	4 57	23 52	0 32	14 16	0 28	6 23	0 14	4 25	1 18	20 30	1 40	7 8	0 39	T 3
W 4	22 52	27 9	4 58	23 57	0 41	13 56	0 20	6 34	0 15	4 27	1 18	20 31	1 40	7 8	0 39	W 4
T 5	22 46	23 58	4 37	24 0	0 51	13 36	0 11	6 45	0 16	4 28	1 17	20 32	1 40	7 9	0 39	T 5
F 6	22 40	19 10	3 58	23 59	1 0	13 17	0 3	6 57	0 18	4 30	1 17	20 32	1 40	7 9	0 39	F 6
S 7	22 34	13 16	3 2	23 56	1 8	12 57	0s 6	7 8	0 19	4 32	1 17	20 33	1 40	7 9	0 40	S 7
S 8	22 28	6 46	1 56	23 50	1 15	12 38	0 15	7 19	0 20	4 34	1 17	20 34	1 40	7 10	0 40	S 8
M 9	22 21	0 7	0 45	23 41	1 22	12 18	0 24	7 31	0 21	4 36	1 16	20 35	1 40	7 10	0 40	M 9
T 10	22 13	6s21	0s27	23 30	1 28	11 59	0 33	7 43	0 22	4 38	1 16	20 36	1 40	7 10	0 40	T 10
W 11	22 6	12 22	1 36	23 16	1 33	11 40	0 43	7 54	0 24	4 41	1 16	20 37	1 40	7 10	0 40	W 11
T 12	21 58	17 42	2 38	22 59	1 38	11 22	0 53	8 6	0 25	4 43	1 16	20 38	1 40	7 11	0 40	T 12
F 13	21 49	22 8	3 30	22 40	1 42	11 3	1 4	8 18	0 26	4 45	1 15	20 38	1 40	7 11	0 40	F 13
S 14	21 40	25 29	4 12	22 19	1 45	10 45	1 14	8 30	0 27	4 48	1 15	20 39	1 40	7 11	0 40	S 14
S 15	21 31	27 36	4 41	21 55	1 47	10 28	1 25	8 41	0 28	4 50	1 15	20 40	1 41	7 11	0 40	S 15
M 16	21 22	28 21	4 57	21 30	1 49	10 10	1 36	8 53	0 29	4 53	1 15	20 41	1 41	7 11	0 40	M 16
T 17	21 12	27 45	5 0	21 3	1 50	9 53	1 48	9 5	0 30	4 55	1 14	20 41	1 41	7 11	0 40	T 17
W 18	21 1	25 52	4 49	20 34	1 50	9 37	1 59	9 17	0 31	4 58	1 14	20 42	1 41	7 12	0 40	W 18
T 19	20 51	22 51	4 26	20 3	1 49	9 20	2 11	9 30	0 32	5 0	1 14	20 43	1 41	7 12	0 40	T 19
F 20	20 40	18 54	3 51	19 32	1 48	9 5	2 23	9 42	0 33	5 3	1 14	20 44	1 41	7 12	0 40	F 20
S 21	20 29	14 13	3 7	18 58	1 46	8 49	2 36	9 54	0 34	5 6	1 14	20 44	1 41	7 12	0 40	S 21
S 22	20 17	8 59	2 14	18 24	1 44	8 35	2 48	10 6	0 35	5 8	1 13	20 45	1 41	7 12	0 40	S 22
M 23	20 5	3 24	1 14	17 49	1 41	8 21	3 1	10 18	0 36	5 11	1 13	20 46	1 41	7 12	0 40	M 23
T 24	19 52	2n23	0 10	17 13	1 37	8 7	3 14	10 31	0 37	5 14	1 13	20 46	1 41	7 12	0 40	T 24
W 25	19 40	8 11	0n55	16 36	1 33	7 54	3 27	10 43	0 38	5 17	1 13	20 47	1 41	7 12	0 40	W 25
T 26	19 27	13 48	2 0	15 58	1 28	7 42	3 41	10 55	0 39	5 20	1 12	20 48	1 41	7 12	0 40	T 26
F 27	19 13	19 0	3 0	15 20	1 23	7 31	3 54	11 7	0 40	5 23	1 12	20 48	1 41	7 12	0 40	F 27
S 28	19 0	23 26	3 52	14 41	1 18	7 20	4 8	11 20	0 41	5 26	1 12	20 49	1 41	7 12	0 40	S 28
S 29	18 46	26 41	4 33	14 2	1 12	7 10	4 21	11 32	0 42	5 29	1 12	20 49	1 41	7 12	0 40	S 29
M 30	18 32	28 19	4 58	13 22	1 5	7 1	4 35	11 45	0 43	5 32	1 12	20 50	1 41	7 12	0 40	M 30
T 31	18n17	27n59	5n 4	12n42	0n59	6n52	4s49	11s57	0s44	5s35	1n11	20n51	1s42	7n12	0s40	T 31

Julian Day Number = 2548880.5, Delta T = 243.43 sec

Ecliptic obliquity = 23°24'25, Nutation = - 0°00'03, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 28°27'54, Lahiri = 27°34'55

ASTRODIENST EPHEMERIS for the year 2266
geocentric

AUGUST 2266

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 37 59	8♌47'48	26♌15	0♍37	29♌58	29♌59	17♌11	14♌44	20♌0	20♌27	23♌10	7♌49	9♌8	10♌21	6♌27	W 1
T 2	20 41 56	9°45'10	11♌32	2°10	29♌40	0♍33	17°19	14°50	20♌0	20°28	23♌9	7♌41	9°5	10°28	6♌26	T 2
F 3	20 45 53	10°42'34	26°46	3°41	29°21	1°6	17°28	14°56	20°0	20°30	23°8	7°34	9°2	10°35	6°24	F 3
S 4	20 49 49	11°39'58	11♌47	5°10	28°59	1°40	17°36	15°1	19°59	20°32	23°6	7°29	8°59	10°41	6°23	S 4
S 5	20 53 46	12°37'22	26°27	6°38	28°35	2°13	17°44	15°6	19°59	20°34	23°5	7°27	8°55	10°48	6°22	S 5
M 6	20 57 42	13°34'47	10♌42	8°3	28°9	2°47	17°53	15°12	19°58	20°36	23°4	7°D27	8°52	10°55	6°20	M 6
T 7	21 1 39	14°32'13	24°29	9°27	27°41	3°21	18°1	15°17	19°58	20°38	23°2	7°27	8°49	11°1	6°19	T 7
W 8	21 5 35	15°29'39	7♌49	10°48	27°11	3°55	18°10	15°22	19°57	20°39	23°1	7°28	8°46	11°8	6°17	W 8
T 9	21 9 32	16°27'06	20°47	12°8	26°40	4°30	18°19	15°27	19°56	20°41	23°0	7°R28	8°43	11°15	6°16	T 9
F 10	21 13 28	17°24'34	3♌25	13°26	26°7	5°4	18°28	15°32	19°56	20°43	22°58	7°27	8°40	11°21	6°14	F 10
S 11	21 17 25	18°22'02	15°47	14°41	25°33	5°39	18°37	15°37	19°55	20°45	22°57	7°24	8°36	11°28	6°13	S 11
S 12	21 21 21	19°19'32	27°57	15°55	24°57	6°14	18°46	15°42	19°54	20°47	22°56	7°18	8°33	11°35	6°11	S 12
M13	21 25 18	20°17'02	9♌58	17°6	24°21	6°49	18°56	15°47	19°53	20°49	22°54	7°11	8°30	11°42	6°9	M13
T 14	21 29 15	21°14'32	21°54	18°15	23°44	7°24	19°5	15°51	19°52	20°51	22°53	7°3	8°27	11°48	6°7	T 14
W15	21 33 11	22°12'04	3♌47	19°22	23°7	7°59	19°15	15°56	19°51	20°53	22°52	6°54	8°24	11°55	6°6	W15
T 16	21 37 8	23°9'37	15°38	20°26	22°30	8°35	19°24	16°1	19°50	20°55	22°51	6°46	8°21	12°2	6°4	T 16
F 17	21 41 4	24°7'11	27°30	21°28	21°52	9°11	19°34	16°5	19°49	20°57	22°49	6°40	8°17	12°8	6°2	F 17
S 18	21 45 1	25°4'46	9♌24	22°27	21°15	9°47	19°44	16°9	19°48	20°59	22°48	6°34	8°14	12°15	6°0	S 18
S 19	21 48 57	26°2'22	21°22	23°24	20°39	10°23	19°53	16°14	19°47	21°1	22°47	6°31	8°11	12°22	5°58	S 19
M20	21 52 54	27°0'00	3♌27	24°17	20°3	10°59	20°3	16°18	19°46	21°3	22°46	6°D30	8°8	12°28	5°56	M20
T 21	21 56 50	27°57'39	15°41	25°7	19°28	11°35	20°13	16°22	19°45	21°5	22°45	6°30	8°5	12°35	5°54	T 21
W22	22 0 47	28°55'19	28°7	25°55	18°55	12°12	20°24	16°26	19°44	21°7	22°44	6°32	8°1	12°42	5°52	W22
T 23	22 4 44	29°53'01	10♌49	26°38	18°22	12°48	20°34	16°30	19°42	21°9	22°43	6°33	7°58	12°49	5°50	T 23
F 24	22 8 40	0♍50'45	23°51	27°18	17°52	13°25	20°44	16°34	19°41	21°12	22°41	6°34	7°55	12°55	5°47	F 24
S 25	22 12 37	1°48'30	7♌15	27°55	17°23	14°2	20°54	16°38	19°40	21°14	22°40	6°R34	7°52	13°2	5°45	S 25
S 26	22 16 33	2°46'17	21°4	28°27	16°56	14°39	21°5	16°41	19°38	21°16	22°39	6°33	7°49	13°9	5°43	S 26
M27	22 20 30	3°44'06	5♌18	28°55	16°32	15°16	21°15	16°45	19°37	21°18	22°38	6°30	7°46	13°15	5°41	M27
T 28	22 24 26	4°41'57	19°55	29°18	16°9	15°54	21°26	16°48	19°35	21°20	22°37	6°27	7°42	13°22	5°38	T 28
W29	22 28 23	5°39'49	4♌51	29°37	15°49	16°31	21°37	16°52	19°34	21°22	22°36	6°22	7°39	13°29	5°36	W29
T 30	22 32 20	6°37'42	19°58	29°51	15°30	17°9	21°48	16°55	19°32	21°24	22°35	6°18	7°36	13°35	5°34	T 30
F 31	22 36 16	7♌35'38	5♌6	29♌59	15♌14	17♌47	21♌59	16♌58	19♌31	21♌27	22♌34	6♌15	7♌33	13♌42	5♌31	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	18n 2	25n36	4n49	12n 2	0n51	6n45	5s 2	12s 9	0s45	5s39	1n11	20n51	1s42	7n11	0s40	4n43
T 2	17 47	21 21	4 13	11 22	0 44	6 38	5 16	12 22	0 46	5 42	1 11	20 52	1 42	7 11	0 40	4 43
F 3	17 32	15 42	3 20	10 42	0 36	6 32	5 29	12 34	0 47	5 45	1 11	20 52	1 42	7 11	0 40	4 42
S 4	17 16	9 11	2 13	10 2	0 28	6 27	5 42	12 47	0 47	5 49	1 11	20 53	1 42	7 11	0 40	4 41
S 5	17 0	2 18	0 59	9 22	0 19	6 23	5 55	12 59	0 48	5 52	1 10	20 53	1 42	7 11	0 40	4 41
M 6	16 44	4s30	0s17	8 42	0 11	6 20	6 8	13 11	0 49	5 55	1 10	20 54	1 42	7 10	0 40	4 40
T 7	16 27	10 52	1 30	8 2	0 2	6 18	6 20	13 24	0 50	5 59	1 10	20 54	1 42	7 10	0 40	4 39
W 8	16 10	16 33	2 36	7 23	0s 8	6 17	6 32	13 36	0 51	6 2	1 10	20 55	1 42	7 10	0 40	4 38
T 9	15 53	21 19	3 31	6 44	0 17	6 17	6 43	13 49	0 51	6 6	1 10	20 55	1 42	7 10	0 40	4 38
F 10	15 36	24 59	4 15	6 5	0 27	6 18	6 54	14 1	0 52	6 9	1 9	20 56	1 42	7 9	0 40	4 37
S 11	15 18	27 23	4 46	5 27	0 37	6 19	7 4	14 13	0 53	6 13	1 9	20 56	1 42	7 9	0 40	4 36
S 12	15 0	28 27	5 3	4 50	0 47	6 22	7 14	14 26	0 54	6 17	1 9	20 56	1 43	7 9	0 41	4 35
M13	14 42	28 8	5 7	4 13	0 57	6 25	7 22	14 38	0 55	6 20	1 9	20 57	1 43	7 8	0 41	4 35
T 14	14 24	26 31	4 57	3 36	1 8	6 29	7 31	14 50	0 55	6 24	1 9	20 57	1 43	7 8	0 41	4 34
W15	14 6	23 44	4 35	3 0	1 18	6 34	7 38	15 2	0 56	6 28	1 9	20 58	1 43	7 8	0 41	4 33
T 16	13 47	19 57	4 0	2 26	1 29	6 40	7 44	15 14	0 57	6 32	1 8	20 58	1 43	7 7	0 41	4 32
F 17	13 28	15 23	3 15	1 51	1 39	6 47	7 50	15 26	0 57	6 35	1 8	20 58	1 43	7 7	0 41	4 31
S 18	13 9	10 13	2 22	1 18	1 50	6 54	7 55	15 39	0 58	6 39	1 8	20 59	1 43	7 6	0 41	4 31
S 19	12 49	4 40	1 21	0 46	2 1	7 1	7 58	15 51	0 59	6 43	1 8	20 59	1 43	7 6	0 41	4 30
M20	12 30	1n 7	0 17	0 15	2 11	7 9	8 1	16 3	0 59	6 47	1 8	20 59	1 43	7 6	0 41	4 29
T 21	12 10	6 56	0n50	0s14	2 22	7 18	8 4	16 14	1 0	6 51	1 8	21 0	1 43	7 5	0 41	4 28
W22	11 50	12 35	1 55	0 43	2 33	7 26	8 5	16 26	1 1	6 55	1 7	21 0	1 44	7 5	0 41	4 27
T 23	11 30	17 50	2 56	1 10	2 43	7 36	8 5	16 38	1 1	6 59	1 7	21 0	1 44	7 4	0 41	4 26
F 24	11 10	22 25	3 50	1 35	2 54	7 45	8 5	16 50	1 2	7 3	1 7	21 1	1 44	7 4	0 41	4 26
S 25	10 49	25 58	4 32	1 59	3 4	7 55	8 4	17 2	1 3	7 7	1 7	21 1	1 44	7 3	0 41	4 25
S 26	10 28	28 7	5 1	2 21	3 14	8 4	8 2	17 13	1 3	7 11	1 7	21 1	1 44	7 3	0 41	4 24
M27	10 8	28 30	5 12	2 41	3 24	8 14	7 59	17 25	1 4	7 15	1 7	21 1	1 44	7 2	0 41	4 23
T 28	9 47	26 56	5 4	2 59	3 33	8 24	7 56	17 36	1 4	7 19	1 6	21 2	1 44	7 1	0 41	4 22
W29	9 25	23 28	4 35	3 14	3 42	8 33	7 52	17 48	1 5	7 23	1 6	21 2	1 44	7 1	0 41	4 21
T 30	9 4	18 23	3 46	3 28	3 50	8 43	7 47	17 59	1 6	7 27	1 6	21 2	1 44	7 0	0 41	4 21
F 31	8n43	12n 9	2n42	3s38	3s58	8n52	7s42	18s10	1s 6	7s32	1n 6	21n 2	1s45	7n 0	0s41	4n20

Julian Day Number = 2548911.5, Delta T = 243.55 sec
Ecliptic obliquity = 23°24'25, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°27'58, Lahiri = 27°34'59

ASTRODIENST EPHEMERIS for the year 2266
geocentric

SEPTEMBER 2266

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 40 13	8♍33'34	20♍6	0°R 2	15°R 1	18♍25	22♍9	17♍1	19°R29	21♍29	22°R34	6°R13	7°V30	13°≈49	5°R29	S 1
S 2	22 44 9	9°31'32	4♌49	29♍59	14♌50	19° 3	22°21	17° 4	19°V27	21°31	22°Z33	6°D12	7°26	13°56	5°V26	S 2
M 3	22 48 6	10°29'32	19°10	29°50	14°41	19°41	22°32	17° 7	19°26	21°33	22°32	6°V12	7°23	14° 2	5°24	M 3
T 4	22 52 2	11°27'33	3♌4	29°35	14°35	20°19	22°43	17°10	19°24	21°35	22°31	6°14	7°20	14° 9	5°21	T 4
W 5	22 55 59	12°25'35	16°32	29°14	14°31	20°58	22°54	17°13	19°22	21°37	22°30	6°15	7°17	14°16	5°19	W 5
T 6	22 59 55	13°23'39	29°35	28°47	14°D29	21°36	23° 5	17°15	19°20	21°40	22°29	6°16	7°14	14°22	5°16	T 6
F 7	23 3 52	14°21'44	12♌15	28°14	14°30	22°15	23°17	17°18	19°19	21°42	22°29	6°R17	7°11	14°29	5°14	F 7
S 8	23 7 48	15°19'51	24°38	27°35	14°33	22°54	23°28	17°20	19°17	21°44	22°28	6°17	7° 7	14°36	5°11	S 8
S 9	23 11 45	16°17'59	6♌46	26°50	14°38	23°33	23°40	17°23	19°15	21°46	22°27	6°15	7° 4	14°42	5° 8	S 9
M10	23 15 42	17°16'08	18°45	26° 1	14°46	24°12	23°51	17°25	19°13	21°49	22°26	6°13	7° 1	14°49	5° 6	M10
T 11	23 19 38	18°14'19	0♌38	25° 7	14°56	24°52	24° 3	17°27	19°11	21°51	22°26	6°11	6°58	14°56	5° 3	T 11
W12	23 23 35	19°12'31	12°29	24°10	15° 8	25°31	24°14	17°29	19° 9	21°53	22°25	6° 8	6°55	15° 3	5° 0	W12
T 13	23 27 31	20°10'45	24°21	23°11	15°21	26°11	24°26	17°31	19° 7	21°55	22°24	6° 5	6°52	15° 9	4°58	T 13
F 14	23 31 28	21° 9'01	6♌16	22°11	15°37	26°50	24°38	17°33	19° 5	21°57	22°24	6° 3	6°48	15°16	4°55	F 14
S 15	23 35 24	22° 7'18	18°17	21°11	15°55	27°30	24°50	17°34	19° 3	22° 0	22°23	6° 2	6°45	15°23	4°52	S 15
S 16	23 39 21	23° 5'37	0°V26	20°13	16°15	28°10	25° 2	17°36	19° 1	22° 2	22°23	6°D 1	6°42	15°29	4°49	S 16
M17	23 43 17	24° 3'58	12°43	19°18	16°36	28°50	25°14	17°37	18°59	22° 4	22°22	6° 1	6°39	15°36	4°47	M17
T 18	23 47 14	25° 2'20	25°12	18°27	17° 0	29°30	25°26	17°39	18°57	22° 6	22°22	6° 2	6°36	15°43	4°44	T 18
W19	23 51 11	26° 0'45	7♌52	17°42	17°25	0♌10	25°38	17°40	18°54	22° 9	22°21	6° 3	6°32	15°49	4°41	W19
T 20	23 55 7	26°59'12	20°47	17° 4	17°52	0°50	25°50	17°41	18°52	22°11	22°21	6° 4	6°29	15°56	4°38	T 20
F 21	23 59 4	27°57'41	3♌57	16°34	18°20	1°31	26° 2	17°42	18°50	22°13	22°20	6° 4	6°26	16° 3	4°35	F 21
S 22	0 3 0	28°56'12	17°25	16°12	18°50	2°11	26°14	17°43	18°48	22°15	22°20	6° 5	6°23	16° 9	4°33	S 22
S 23	0 6 57	29°54'46	1♌10	15°59	19°21	2°52	26°27	17°44	18°45	22°17	22°20	6°R 5	6°20	16°16	4°30	S 23
M24	0 10 53	0♌53'21	15°14	15°D56	19°54	3°33	26°39	17°45	18°43	22°20	22°19	6° 5	6°17	16°23	4°27	M24
T 25	0 14 50	1°51'59	29°34	16° 3	20°28	4°14	26°51	17°45	18°41	22°22	22°19	6° 5	6°13	16°29	4°24	T 25
W26	0 18 46	2°50'39	14♌9	16°19	21° 4	4°55	27° 4	17°46	18°39	22°24	22°19	6° 4	6°10	16°36	4°21	W26
T 27	0 22 43	3°49'21	28°53	16°45	21°41	5°36	27°16	17°46	18°36	22°26	22°18	6° 4	6° 7	16°43	4°18	T 27
F 28	0 26 40	4°48'06	13♍40	17°20	22°19	6°17	27°28	17°46	18°34	22°28	22°18	6° 4	6° 4	16°50	4°16	F 28
S 29	0 30 36	5°46'52	28°24	18° 4	22°58	6°58	27°41	17°47	18°32	22°31	22°18	6° 4	6° 1	16°56	4°13	S 29
S 30	0 34 33	6♌45'40	12♌57	18♍56	23♌39	7♌40	27♌54	17°R47	18°V29	22♍33	22°Z18	6°V 4	5°V58	17°≈ 3	4°V10	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	8n21	5n15 1n27	3s46 4s 5	9n 1 7s36	18s21 1s 7	7s36 1n 6	21n 2 1s45	6n59 0s41	4n19 1n 1	21s29 0n 2	2n28 2n58	20s38 5n 6	3n11			
S 2	7 59 1s48	0 8 3 50	4 11 9 10	7 30 18 32	1 7 7 40	1 6 21 2	1 45 6 58	0 41 4 18	1 1 21 30	0 2 2 28	2 57 20 35	5 5 5 3 11				
M 3	7 37 8 35	1s11 3 52	4 17 9 19	7 24 18 43	1 8 7 44	1 6 21 3	1 45 6 58	0 41 4 17	1 1 21 30	0 2 2 28	2 56 20 33	5 4 3 11				
T 4	7 15 14 45	2 22 3 50	4 21 9 28	7 17 18 54	1 8 7 49	1 5 21 3	1 45 6 57	0 41 4 16	1 1 21 30	0 2 2 28	2 54 20 30	5 3 3 11				
W 5	6 53 20 1	3 24 3 44	4 24 9 36	7 10 19 5	1 9 7 53	1 5 21 3	1 45 6 56	0 41 4 15	1 1 21 30	0 2 2 29	2 53 20 28	5 2 3 11				
T 6	6 31 24 9	4 13 3 35	4 26 9 44	7 2 19 16	1 9 7 57	1 5 21 3	1 45 6 56	0 41 4 15	1 1 21 31	0 2 2 29	2 52 20 25	5 1 3 11				
F 7	6 9 26 59	4 48 3 22	4 26 9 51	6 54 19 26	1 10 8 1	1 5 21 3	1 45 6 55	0 41 4 14	1 1 21 31	0 1 2 29	2 51 20 23	5 0 3 11				
S 8	5 46 28 26	5 9 3 5	4 25 9 58	6 46 19 37	1 10 8 6	1 5 21 3	1 46 6 54	0 41 4 13	1 1 21 31	0 1 2 29	2 49 20 20	4 59 3 11				
S 9	5 24 28 29	5 15 2 45	4 22 10 4	6 37 19 47	1 11 8 10	1 5 21 3	1 46 6 53	0 41 4 12	1 1 21 31	0 1 2 29	2 48 20 18	4 58 3 11				
M10	5 1 27 10	5 8 2 21	4 17 10 11	6 29 19 57	1 11 8 14	1 5 21 3	1 46 6 53	0 41 4 11	1 1 21 31	0 1 2 28	2 47 20 15	4 57 3 11				
T 11	4 39 24 39	4 47 1 53	4 10 10 16	6 20 20 7	1 12 8 19	1 5 21 3	1 46 6 52	0 41 4 10	1 1 21 32	0 1 2 27	2 46 20 13	4 56 3 11				
W12	4 16 21 6	4 14 1 23	4 1 10 21	6 11 20 17	1 12 8 23	1 4 21 4	1 46 6 51	0 41 4 9	1 1 21 32	0 1 2 26	2 44 20 10	4 55 3 11				
T 13	3 53 16 41	3 30 0 50	3 51 10 26	6 2 20 27	1 13 8 28	1 4 21 4	1 46 6 50	0 41 4 8	1 1 21 32	0 1 2 25	2 43 20 8	4 54 3 11				
F 14	3 30 11 38	2 37 0 15	3 38 10 30	5 53 20 37	1 13 8 32	1 4 21 4	1 46 6 50	0 41 4 8	1 1 21 32	0 1 2 24	2 42 20 5	4 52 3 11				
S 15	3 7 6 6	1 37 0n22	3 24 10 34	5 44 20 46	1 14 8 37	1 4 21 4	1 46 6 49	0 41 4 7	1 1 21 32	0 1 2 24	2 41 20 3	4 51 3 11				
S 16	2 44 0 18	0 31 0 59	3 8 10 37	5 34 20 56	1 14 8 41	1 4 21 4	1 47 6 48	0 41 4 6	1 1 21 33	0 1 2 23	2 39 20 0	4 50 3 11				
M17	2 21 5n35	0n37 1 36	2 51 10 40	5 25 21 5	1 14 8 45	1 4 21 4	1 47 6 47	0 41 4 5	1 1 21 33	0 0 2 23	2 38 19 58	4 49 3 11				
T 18	1 58 11 21	1 44 2 13	2 33 10 42	5 16 21 14	1 15 8 50	1 4 21 4	1 47 6 46	0 41 4 4	1 1 21 33	0 0 2 24	2 37 19 55	4 48 3 11				
W19	1 35 16 45	2 47 2 48	2 14 10 44	5 6 21 23	1 15 8 54	1 4 21 4	1 47 6 46	0 41 4 3	1 1 21 33	0 0 2 24	2 36 19 53	4 47 3 11				
T 20	1 12 21 31	3 43 3 21	1 54 10 45	4 57 21 32	1 16 8 59	1 4 21 4	1 47 6 45	0 41 4 2	1 1 21 33	0 0 2 24	2 34 19 50	4 46 3 11				
F 21	0 49 25 19	4 29 3 51	1 34 10 45	4 48 21 41	1 16 9 3	1 4 21 4	1 47 6 44	0 41 4 2	1 1 21 33	0 0 2 25	2 33 19 47	4 44 3 11				
S 22	0 25 27 48	5 0 4 18	1 14 10 45	4 38 21 49	1 16 9 8	1 3 21 4	1 47 6 43	0 41 4 1	1 1 21 34	0s 0 2 25	2 32 19 45	4 43 3 11				
S 23	0 2 28 40	5 16 4 41	0 55 10 44	4 29 21 58	1 17 9 12	1 3 21 4	1 47 6 42	0 41 4 0	1 1 21 34	0 0 2 25	2 31 19 42	4 42 3 11				
M24	0s21 27 43	5 13 4 59	0 36 10 43	4 20 22 6	1 17 9 17	1 3 21 3	1 48 6 41	0 41 3 59	1 1 21 34	0 0 2 25	2 29 19 40	4 41 3 11				
T 25	0 44 24 57	4 51 5 14	0 17 10 41	4 10 22 14	1 17 9 21	1 3 21 3	1 48 6 40	0 41 3 58	1 1 21 34	0 0 2 25	2 28 19 37	4 40 3 10				
W26	1 8 20 33	4 10 5 23	0 0 10 39	4 1 22 22	1 18 9 26	1 3 21 3	1 48 6 40	0 41 3 57	1 2 21 34	0 0 2 24	2 27 19 35	4 38 3 10				
T 27	1 31 14 51	3 12 5 28	0n16 10 36	3 52 22 29	1 18 9 30	1 3 21 3	1 48 6 39	0 41 3 56	1 2 21 34	0 0 2 24	2 26 19 32	4 37 3 10				
F 28	1 54 8 16	2 1 5 29	0 31 10 32	3 43 22 37	1 18 9 35	1 3 21 3	1 48 6 38	0 41 3 56	1 2 21 34	0 1 2 24	2 24 19 29	4 36 3 10				
S 29	2 18 1 17	0 42 5 24	0 45 10 28	3 34 22 44	1 19 9 40	1 3 21 3	1 48 6 37	0 41 3 55	1 2 21 35	0 1 2 24	2 23 19 27	4 35 3 10				
S 30	2s41 5s42	0s38 5n15	0n58 10n23	3s25 22s51	1s19 9s44	1n 3 21n 3	1s48 6n36	0s41 3n54	1n 2 21s35	0s 1 2n24	2n22 19s24	4n34 3n10				

Julian Day Number = 2548942.5, Delta T = 243.68 sec
Ecliptic obliquity = 23°24'26, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°28'03, Lahiri = 27°35'03

ASTRODIENST EPHEMERIS for the year 2266

geocentric

OCTOBER 2266

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 38 29	7 ⁴⁴ 44'30	27 ¹³ 13	19 ¹¹ 56	24 ¹² 20	8 ²¹ 21	28 ¹⁶ 6	17 ¹⁷ 47	18 ¹⁸ 27	22 ¹¹ 35	22 ¹⁸ 18	6 ¹⁸ 4	5 ¹⁵ 54	17 ¹¹ 10	4 ¹⁸ 7	M 1
T 2	0 42 26	8 ⁴³ 23	11 ¹¹ 7	21 ¹⁰ 3	25 ¹⁰ 3	9 ¹⁰ 3	28 ¹⁹ 19	17 ¹⁷ 46	18 ¹⁸ 25	22 ¹³ 37	22 ¹⁸ 18	6 ¹⁸ 3	5 ¹⁵ 51	17 ¹⁶ 16	4 ¹⁸ 4	T 2
W 3	0 46 22	9 ⁴² 17	24 ¹³ 38	22 ¹⁶ 16	25 ¹⁰ 46	9 ¹⁰ 45	28 ³¹ 31	17 ¹⁷ 46	18 ¹⁸ 22	22 ¹³ 39	22 ¹⁸ 18	6 ¹⁸ 3	5 ¹⁵ 48	17 ¹⁶ 23	4 ¹⁸ 1	W 3
T 4	0 50 19	10 ⁴¹ 13	7 ¹⁴ 45	23 ³⁵ 35	26 ¹⁰ 31	10 ²⁷ 27	28 ⁴⁴ 44	17 ¹⁷ 46	18 ¹⁸ 20	22 ¹⁴ 41	22 ¹⁸ 18	6 ¹⁸ 3	5 ¹⁵ 45	17 ¹⁶ 30	3 ¹⁵ 59	T 4
F 5	0 54 15	11 ⁴⁰ 10	20 ³⁰ 30	24 ⁵⁹ 59	27 ¹⁶ 16	11 ¹⁰ 9	28 ⁵⁷ 57	17 ¹⁷ 45	18 ¹⁸ 17	22 ¹⁴ 44	22 ¹⁸ 18	6 ¹⁸ 2	5 ¹⁵ 42	17 ¹⁶ 36	3 ¹⁵ 56	F 5
S 6	0 58 12	12 ³⁹ 10	2 ³⁵ 55	26 ²⁷ 27	28 ¹⁰ 3	11 ¹⁵ 51	29 ¹⁰ 10	17 ¹⁷ 45	18 ¹⁸ 15	22 ¹⁴ 46	22 ¹⁸ 18	6 ¹⁸ 2	5 ¹⁵ 38	17 ¹⁶ 43	3 ¹⁵ 53	S 6
S 7	1 2 9	13 ³⁸ 11	15 ¹⁰ 5	27 ⁵⁹ 59	28 ⁵⁰ 50	12 ³³ 33	29 ²² 22	17 ¹⁷ 44	18 ¹⁸ 13	22 ¹⁴ 48	22 ¹⁸ 18	6 ¹⁸ 2	5 ¹⁵ 35	17 ¹⁶ 50	3 ¹⁵ 50	S 7
M 8	1 6 5	14 ³⁷ 14	27 ¹⁰ 4	29 ³⁵ 35	29 ³⁸ 38	13 ¹⁵ 15	29 ³⁵ 35	17 ¹⁷ 43	18 ¹⁸ 10	22 ¹⁵ 50	22 ¹⁸ 18	6 ¹⁸ 2	5 ¹⁵ 32	17 ¹⁶ 56	3 ¹⁵ 47	M 8
T 9	1 10 2	15 ³⁶ 18	8 ¹² 56	1 ¹² 12	0 ¹² 27	13 ⁵⁷ 57	29 ⁴⁸ 48	17 ¹⁷ 42	18 ¹⁸ 8	22 ¹⁵ 52	22 ¹⁸ 18	6 ¹⁸ 2	5 ¹⁵ 29	18 ¹⁶ 3	3 ¹⁵ 45	T 9
W10	1 13 58	16 ³⁵ 25	20 ⁴⁷ 47	2 ⁵² 52	1 ¹⁷ 17	14 ⁴⁰ 40	0 ¹¹ 1	17 ¹⁷ 41	18 ¹⁸ 5	22 ¹⁵ 54	22 ¹⁸ 18	6 ¹⁸ 3	5 ¹⁵ 26	18 ¹⁶ 10	3 ¹⁵ 42	W10
T 11	1 17 55	17 ³⁴ 33	2 ¹⁴ 40	4 ³³ 33	2 ¹⁰ 7	15 ²² 22	0 ¹⁴ 14	17 ¹⁷ 40	18 ¹⁸ 3	22 ¹⁵ 56	22 ¹⁸ 18	6 ¹⁸ 4	5 ¹⁵ 23	18 ¹⁶ 17	3 ¹⁵ 39	T 11
F 12	1 21 51	18 ³³ 43	14 ⁴⁰ 40	6 ¹⁶ 16	2 ⁵⁹ 59	16 ¹⁰ 5	0 ²⁶ 26	17 ¹⁷ 39	18 ¹⁸ 0	22 ¹⁵ 58	22 ¹⁸ 18	6 ¹⁸ 6	5 ¹⁵ 19	18 ¹⁶ 23	3 ¹⁵ 36	F 12
S 13	1 25 48	19 ³² 55	26 ⁴⁹ 49	8 ¹⁰ 0	3 ⁵¹ 51	16 ⁴⁸ 48	0 ³⁹ 39	17 ¹⁷ 37	17 ¹⁸ 58	23 ¹⁰ 0	22 ¹⁹ 19	6 ¹⁸ 6	5 ¹⁵ 16	18 ¹⁶ 30	3 ¹⁵ 34	S 13
S 14	1 29 44	20 ³² 09	9 ¹¹ 9	9 ⁴⁴ 44	4 ⁴³ 43	17 ³⁰ 30	0 ⁵² 52	17 ¹⁷ 36	17 ¹⁸ 56	23 ¹⁰ 2	22 ¹⁹ 19	6 ¹⁸ 6	5 ¹⁵ 13	18 ¹⁶ 37	3 ¹⁵ 31	S 14
M15	1 33 41	21 ³¹ 24	21 ⁴³ 43	11 ²⁹ 29	5 ³⁷ 37	18 ¹³ 13	1 ⁵ 5	17 ¹⁷ 34	17 ¹⁸ 53	23 ¹⁰ 4	22 ¹⁹ 19	6 ¹⁸ 6	5 ¹⁵ 10	18 ¹⁶ 43	3 ¹⁵ 28	M15
T 16	1 37 37	22 ³⁰ 42	4 ¹³ 32	13 ¹⁴ 14	6 ³¹ 31	18 ⁵⁶ 56	1 ¹⁸ 18	17 ¹⁷ 33	17 ¹⁸ 51	23 ¹⁰ 6	22 ¹⁹ 19	6 ¹⁸ 4	5 ¹⁵ 7	18 ¹⁶ 50	3 ¹⁵ 26	T 16
W17	1 41 34	23 ³⁰ 02	17 ³⁴ 34	14 ⁵⁹ 59	7 ²⁵ 25	19 ³⁹ 39	1 ³¹ 31	17 ¹⁷ 31	17 ¹⁸ 48	23 ¹⁰ 8	22 ²⁰ 20	6 ¹⁸ 2	5 ¹⁵ 3	18 ¹⁶ 57	3 ¹⁵ 23	W17
T 18	1 45 31	24 ²⁹ 24	0 ¹¹ 51	16 ⁴⁴ 44	8 ²¹ 21	20 ²² 22	1 ⁴⁴ 44	17 ¹⁷ 29	17 ¹⁸ 46	23 ¹⁰ 10	22 ²⁰ 20	6 ¹⁸ 0	5 ¹⁵ 0	19 ¹⁶ 3	3 ¹⁵ 20	T 18
F 19	1 49 27	25 ²⁸ 49	14 ⁵⁰ 50	18 ²⁹ 29	9 ¹⁷ 17	21 ⁶ 6	1 ⁵⁷ 57	17 ¹⁷ 27	17 ¹⁸ 43	23 ¹² 12	22 ²¹ 21	5 ¹⁵ 57	4 ¹⁵ 57	19 ¹⁶ 10	3 ¹⁵ 18	F 19
S 20	1 53 24	26 ²⁸ 15	28 ¹⁰ 10	20 ¹⁴ 14	10 ¹³ 13	21 ⁴⁹ 49	2 ¹⁰ 10	17 ¹⁷ 25	17 ¹⁸ 41	23 ¹⁴ 14	22 ²¹ 21	5 ¹⁵ 55	4 ¹⁵ 54	19 ¹⁶ 17	3 ¹⁵ 15	S 20
S 21	1 57 20	27 ²⁷ 44	11 ⁵⁵ 54	21 ⁵⁸ 58	11 ¹⁰ 10	22 ³² 32	2 ²³ 23	17 ¹⁷ 23	17 ¹⁸ 39	23 ¹⁶ 16	22 ²¹ 21	5 ¹⁵ 53	4 ¹⁵ 51	19 ¹⁶ 23	3 ¹⁵ 13	S 21
M22	2 1 17	28 ²⁷ 16	25 ⁵⁶ 56	23 ⁴² 42	12 ⁷ 7	23 ¹⁶ 16	2 ³⁶ 36	17 ¹⁷ 20	17 ¹⁸ 36	23 ¹⁸ 18	22 ²² 22	5 ¹⁵ 52	4 ¹⁵ 48	19 ¹⁶ 30	3 ¹⁵ 10	M22
T 23	2 5 13	29 ²⁶ 49	10 ¹² 5	25 ²⁵ 25	13 ⁵ 5	23 ⁵⁹ 59	2 ⁴⁹ 49	17 ¹⁷ 18	17 ¹⁸ 34	23 ²⁰ 20	22 ²² 22	5 ¹⁵ 52	4 ¹⁵ 44	19 ¹⁶ 37	3 ¹⁵ 8	T 23
W24	2 9 10	0 ¹² 26'25	24 ²¹ 21	27 ⁸ 8	14 ⁴ 4	24 ⁴³ 43	3 ² 2	17 ¹⁷ 15	17 ¹⁸ 32	23 ²² 22	22 ²³ 23	5 ¹⁵ 54	4 ¹⁵ 41	19 ¹⁶ 43	3 ¹⁵ 5	W24
T 25	2 13 7	1 ²⁶ 03	8 ¹¹ 40	28 ⁵⁰ 50	15 ³ 3	25 ²⁷ 27	3 ¹⁵ 15	17 ¹⁷ 13	17 ¹⁸ 29	23 ²⁴ 24	22 ²⁴ 24	5 ¹⁵ 55	4 ¹⁵ 38	19 ¹⁶ 50	3 ¹⁵ 3	T 25
F 26	2 17 3	2 ²⁵ 44	23 ⁰ 0	0 ¹³ 31	16 ² 2	26 ¹¹ 11	3 ²⁹ 29	17 ¹⁷ 10	17 ¹⁸ 27	23 ²⁵ 25	22 ²⁴ 24	5 ¹⁵ 56	4 ¹⁵ 35	19 ¹⁶ 57	3 ¹⁵ 0	F 26
S 27	2 21 0	3 ²⁵ 26	7 ¹¹ 17	2 ¹² 12	17 ² 2	26 ⁵⁵ 55	3 ⁴² 42	17 ¹⁷ 7	17 ¹⁸ 25	23 ²⁷ 27	22 ²⁵ 25	5 ¹⁵ 57	4 ¹⁵ 32	20 ¹⁶ 3	2 ¹⁵ 58	S 27
S 28	2 24 56	4 ²⁵ 11	21 ²⁷ 27	3 ⁵³ 53	18 ³ 3	27 ³⁹ 39	3 ⁵⁵ 55	17 ¹⁷ 5	17 ¹⁸ 22	23 ²⁹ 29	22 ²⁶ 26	5 ¹⁵ 56	4 ¹⁵ 29	20 ¹⁶ 10	2 ¹⁵ 56	S 28
M29	2 28 53	5 ²⁴ 57	5 ¹¹ 26	5 ³³ 33	19 ³ 3	28 ²³ 23	4 ⁸ 8	17 ¹⁷ 2	17 ¹⁸ 20	23 ³¹ 31	22 ²⁶ 26	5 ¹⁵ 54	4 ¹⁵ 25	20 ¹⁶ 17	2 ¹⁵ 53	M29
T 30	2 32 49	6 ²⁴ 46	19 ¹⁰ 9	7 ¹² 12	20 ⁵ 5	29 ⁷ 7	4 ²¹ 21	16 ⁵⁹ 59	17 ¹⁸ 18	23 ³³ 33	22 ²⁷ 27	5 ¹⁵ 50	4 ¹⁵ 22	20 ¹⁶ 24	2 ¹⁵ 51	T 30
W31	2 36 46	7 ¹¹ 24'37	2 ¹¹ 34	8 ¹¹ 51	21 ¹¹ 11	29 ¹¹ 51	4 ¹¹ 34	16 ¹¹ 55	17 ¹⁸ 16	23 ³⁴ 34	22 ²⁸ 28	5 ¹⁵ 45	4 ¹⁵ 19	20 ¹⁶ 30	2 ¹⁵ 49	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	3s 4	12s15	1s55	5n 2	1n 9	10n18	3s16	22s58	1s19	9s49	1n 3	21n 3	1s48	6n35	0s41	3n53	1n 2	21s35	0s 1	2n24	2n21	19s22	4n32	3n10					
T 2	3 27	18 2	3 3	4 45	1 19	10 12	3 8	23 5	1 20	9 53	1 3	21 3	1 49	6 34	0 41	3 52	1 2	21 35	0 1	2 24	2 19	19 19	4 31	3 10					
W 3	3 50	22 45	3 58	4 24	1 28	10 6	2 59	23 12	1 20	9 58	1 2	21 3	1 49	6 33	0 41	3 51	1 2	21 35	0 1	2 24	2 18	19 16	4 30	3 10					
T 4	4 13	26 10	4 39	4 0	1 35	9 59	2 50	23 18	1 20	10 2	1 2	21 2	1 49	6 32	0 41	3 50	1 2	21 35	0 1	2 24	2 17	19 14	4 29	3 10					
F 5	4 37	28 9	5 6	3 32	1 41	9 52	2 42	23 25	1 20	10 7	1 2	21 2	1 49	6 32	0 41	3 50	1 2	21 35	0 1	2 24	2 16	19 11	4 28	3 10					
S 6	5 0	28 39	5 17	3 2	1 46	9 44	2 34	23 31	1 21	10 11	1 2	21 2	1 49	6 31	0 41	3 49	1 2	21 35	0 1	2 23	2 14	19 8	4 26	3 9					
S 7	5 22	27 44	5 13	2 29	1 50	9 36	2 25	23 36	1 21	10 16	1 2	21 2	1 49	6 30	0 41	3 48	1 2	21 35	0 1	2 23	2 13	19 6	4 25	3 9					
M 8	5 45	25 33	4 56	1 54	1 53	9 27	2 17	23 42	1 21	10 21	1 2	21 2	1 49	6 29	0 41	3 47	1 2	21 35	0 2	2 23	2 12	19 3	4 24	3 9					
T 9	6 8	22 17	4 26	1 17	1 55	9 17	2 9	23 47	1 21	10 25	1 2	21 1	1 49	6 28	0 41	3 46	1 2	21 36	0 2	2 24	2 10	19 0	4 23	3 9					
W10	6 31	18 6	3 45	0 38	1 56	9 7	2 1	23 53	1 22	10 30	1 2	21 1	1 49	6 27	0 41	3 46	1 2	21 36	0 2	2 24	2 9	18 58	4 22	3 9					
T 11	6 53	13 13	2 55	0s 2	1 56	8 57	1 53	23 58	1 22	10 34	1 2	21 1	1 50	6 26	0 41	3 45	1 2	21 36	0 2	2 25	2 8	18 55	4 20	3 9					
F 12	7 16	7 49	1 56	0 44	1 55	8 46	1 45	24 2	1 22	10 39	1 2	21 1	1 50	6 25	0 41	3 44	1 2	21 36	0 2	2 25	2 7	18 52	4 19	3 9					
S 13	7 38	2 3	0 51	1 26	1 54	8 34	1 38	24 7	1 22	10 43	1 2	21 1	1 50	6 24	0 41	3 43	1 2	21 36	0 2	2 25	2 5	18 50	4 18	3 9					
S 14	8 1	3n53	0n17	2 9	1 51	8 22	1 30	24 11	1 22	10 48	1 2	21 0	1 50	6 23	0 41	3 42	1 2	21 36	0 2	2 25	2 4	18 47	4 17	3 9					
M15	8 23	9 46	1 25	2 52	1 49	8 9	1 23	24 15	1 22	10 52	1 2	21 0	1 50	6 22	0 41	3 42	1 2	21 36	0 2	2 25	2 3	18 44	4 16	3 8					
T 16	8 45	15 23	2 31	3 36	1 46	7 56	1 15	24 19	1 23	10 57	1 2	21 0	1 50	6 21	0 41	3 41	1 2	21 36	0 2	2 25	2 2	18 42	4 14	3 8					
W17	9 7	20 24	3 29	4 20	1 42	7 43	1 8	24 23	1 23	11 1	1 2	21 0	1 50	6 21	0 41	3 40	1 2	21 36	0 2	2 24	2 0	18 39	4 13	3 8					
T 18	9 29	24 30	4 18	5 4	1 38	7 29	1 1	24 26	1 23	11 6	1 2	20 59	1 50	6 20	0 41	3 39	1 2	21 36	0 2	2 23	1 59	18 36	4 12	3 8					
F 19	9 50	27 20	4 53	5 48	1 33	7 15	0 54	24 29	1 23	11 10	1 1	20 59	1 50	6 19	0 41	3 39	1 2	21 36	0 3	2 22	1 58	18 34	4 11	3 8					
S 20	10 12	28 35	5 12	6 32	1 28	7 0	0 47	24 32	1 23	11 15	1 1	20 59	1 50	6 18	0 41	3 38	1 2	21 36	0 3	2 21	1 57	18 31	4 10	3 8					
S 21	10 33	28 4	5 13	7 15	1 23	6 45	0 41	24 35	1 23	11 19	1 1	20 58	1 51	6 17	0 41	3 37	1 2	21 36	0 3	2 20	1 55	18 28	4 9	3 7					
M22	10 55	25 46	4 56	7 59	1 18	6 29	0 34	24 37	1 23	11 24	1 1	20 58	1 51	6 16	0 41	3 36	1 2	21 36	0 3	2 20	1 54	18 26	4 7	3 7					
T 23	11 16	21 52	4 20	8 42	1 12	6 13	0 28	24 40	1 23	11 28	1 1	20 58	1 51	6 15	0 41	3 36	1 2	21 36	0 3	2 20	1 53	18 23	4 6	3 7					
W24	11 37	16 40	3 29	9 24	1 6	5 56	0 21	24 42	1 24	11 33	1 1	20 58	1 51	6 14	0 41	3 35	1 2	21 36	0 3	2 20	1 52	18 20	4 5	3 7					
T 25	11 57	10 32	2 24	10 6	1 0	5 39	0 15	24 43	1 24	11 37	1 1	20 57	1 51	6 13	0 41	3 34	1 2	21 36	0 3	2 21	1 50	18 17	4 4	3 7					
F 26	12 18	3 51	1 10	10 48	0 54	5 22	0 9	24 45	1 24	11 42	1 1	20 57	1 51	6 12	0 41	3 34	1 2	21 36	0 3	2 21	1 49	18 15	4 3	3 7					
S 27	12 38	3s 0	0s 7	11 29	0 48	5 4	0 3	24 46	1 24	11 46	1 1	20 57	1 51	6 12	0 41	3 33	1 2	21 36	0 3	2 22	1 48	18 12	4 2	3 7					
S 28	12 59	9 39	1 24	12 9	0 41	4 46	0n 3	24 47	1 24	11 51	1 1	20 56	1 51	6 11	0 41	3 32	1 2	21 36	0 3	2 21	1 47	18 9	4 1	3 6					
M29	13 19	15 44	2 34	12 49	0 35	4 27	0 9	24 48	1 24	11 55	1 1	20 56	1 51	6 10	0 41	3 32	1 2	21 36	0 3	2 20	1 45	18 6	4 0	3 6					
T 30	13 38	20 55	3 35	13 28	0 38	4 9	0 14	24 48	1 24	12 0	1 1	20 55	1 51	6 9	0 41	3 31	1 2	21 36	0 4	2 19	1 44	18 4	3 59	3 6					
W31	13s58	24s55	4s21	14s 6	0m21	3n50	0n20	24s48	1s24	12s 4	1n 1	20m55	1s51	6n 8	0s41	3n30	1n 2	21s36	0s 4	2n17	1n43	18s 1	3n58	3n 6					

ASTRODIENST EPHEMERIS for the year 2266
geocentric

NOVEMBER 2266

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 40 42	8♉24°29	15♊38	10♉29	22♏8	0♈35	4♉47	16°R52	17°R13	23♏36	22♈29	5°R39	4♏16	20♏37	2°R47	T 1
F 2	2 44 39	9°24'23	28°23	12° 7	23°10	1°20	5° 0	16♉49	17°Y11	23°38	22°29	5°Y34	4°13	20°44	2°Y45	F 2
S 3	2 48 36	10°24'19	10♈50	13°44	24°13	2° 4	5°13	16°45	17° 9	23°39	22°30	5°29	4° 9	20°50	2°43	S 3
S 4	2 52 32	11°24'17	23° 0	15°21	25°16	2°49	5°26	16°42	17° 7	23°41	22°31	5°26	4° 6	20°57	2°41	S 4
M 5	2 56 29	12°24'16	5♉0	16°57	26°20	3°33	5°39	16°38	17° 5	23°43	22°32	5°24	4° 3	21° 4	2°38	M 5
T 6	3 0 25	13°24'17	16°52	18°33	27°23	4°18	5°52	16°35	17° 3	23°44	22°33	5°D24	4° 0	21°10	2°37	T 6
W 7	3 4 22	14°24'19	28°42	20° 8	28°27	5° 3	6° 5	16°31	17° 0	23°46	22°34	5°25	3°57	21°17	2°35	W 7
T 8	3 8 18	15°24'23	10♈35	21°43	29°32	5°47	6°18	16°27	16°58	23°47	22°35	5°26	3°54	21°24	2°33	T 8
F 9	3 12 15	16°24'29	22°37	23°17	0♉36	6°32	6°31	16°23	16°56	23°49	22°36	5°28	3°50	21°30	2°31	F 9
S 10	3 16 11	17°24'36	4♏51	24°51	1°41	7°17	6°44	16°19	16°54	23°50	22°37	5°R29	3°47	21°37	2°29	S 10
S 11	3 20 8	18°24'45	17°20	26°25	2°46	8° 2	6°57	16°15	16°52	23°52	22°38	5°28	3°44	21°44	2°27	S 11
M12	3 24 4	19°24'55	0♉9	27°58	3°52	8°47	7°10	16°11	16°50	23°53	22°39	5°25	3°41	21°50	2°26	M12
T 13	3 28 1	20°25'07	13°17	29°31	4°57	9°32	7°23	16° 7	16°49	23°55	22°40	5°20	3°38	21°57	2°24	T 13
W14	3 31 58	21°25'21	26°44	1♊4	6° 3	10°17	7°36	16° 3	16°47	23°56	22°41	5°14	3°35	22° 4	2°22	W14
T 15	3 35 54	22°25'37	10♉28	2°36	7°10	11° 3	7°49	15°59	16°45	23°57	22°43	5° 6	3°31	22°10	2°21	T 15
F 16	3 39 51	23°25'54	24°25	4° 8	8°16	11°48	8° 2	15°54	16°43	23°59	22°44	4°57	3°28	22°17	2°19	F 16
S 17	3 43 47	24°26'14	8♈32	5°39	9°23	12°33	8°15	15°50	16°41	24° 0	22°45	4°50	3°25	22°24	2°18	S 17
S 18	3 47 44	25°26'35	22°43	7°11	10°30	13°19	8°27	15°46	16°39	24° 1	22°46	4°44	3°22	22°30	2°16	S 18
M19	3 51 40	26°26'58	6♉25	8°42	11°37	14° 4	8°40	15°41	16°38	24° 3	22°48	4°40	3°19	22°37	2°15	M19
T 20	3 55 37	27°27'23	21° 6	10°12	12°45	14°50	8°53	15°37	16°36	24° 4	22°49	4°38	3°15	22°44	2°14	T 20
W21	3 59 34	28°27'50	5♏13	11°42	13°53	15°35	9° 6	15°32	16°34	24° 5	22°50	4°D38	3°12	22°50	2°12	W21
T 22	4 3 30	29°28'18	19°15	13°12	15° 0	16°21	9°18	15°27	16°33	24° 6	22°51	4°39	3° 9	22°57	2°11	T 22
F 23	4 7 27	0♊28°49	3♉12	14°42	16° 9	17° 7	9°31	15°23	16°31	24° 7	22°53	4°R40	3° 6	23° 4	2°10	F 23
S 24	4 11 23	1°29'21	17° 2	16°11	17°17	17°52	9°44	15°18	16°30	24° 8	22°54	4°39	3° 3	23°11	2° 9	S 24
S 25	4 15 20	2°29'55	0♉45	17°40	18°25	18°38	9°56	15°13	16°28	24° 9	22°56	4°36	3° 0	23°17	2° 8	S 25
M26	4 19 16	3°30'31	14°18	19° 9	19°34	19°24	10° 9	15° 9	16°27	24°11	22°57	4°30	2°56	23°24	2° 7	M26
T 27	4 23 13	4°31'09	27°40	20°37	20°43	20°10	10°21	15° 4	16°25	24°12	22°59	4°22	2°53	23°31	2° 6	T 27
W28	4 27 9	5°31'48	10♊49	22° 4	21°52	20°56	10°34	14°59	16°24	24°13	23° 0	4°12	2°50	23°37	2° 5	W28
T 29	4 31 6	6°32'28	23°42	23°31	23° 1	21°42	10°46	14°54	16°23	24°13	23° 2	4° 0	2°47	23°44	2° 4	T 29
F 30	4 35 3	7♊33°10	6♈20	24♊57	24♉11	22♈28	10♉59	14♉49	16°Y22	24♏14	23♈3	3°Y48	2°Y44	23♏51	2°Y3	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	14s17	27s29	4s53	14s43	0n14	3n30	0n25	24s48	1s24	12s 8	1n 1	20n55	1s51	6n 7	0s41	3n30	1n 2	21s36	0s 4	2n15	1n42	17s58	3n57	3n 6	
F 2	14 36	28 33	5 9	15 20	0 8	3 10	0 30	24 48	1 24	12 13	1 1	20 54	1 51	6 7	0 41	3 29	1 2	21 36	0 4	2 12	1 40	17 55	3 56	3 5	
S 3	14 55	28 7	5 10	15 56	0 1	2 50	0 35	24 47	1 24	12 17	1 1	20 54	1 52	6 6	0 41	3 28	1 2	21 36	0 4	2 11	1 39	17 53	3 55	3 5	
S 4	15 14	26 20	4 57	16 31	0s 6	2 30	0 40	24 47	1 24	12 21	1 1	20 54	1 52	6 5	0 41	3 28	1 2	21 36	0 4	2 9	1 38	17 50	3 54	3 5	
M 5	15 32	23 22	4 31	17 5	0 13	2 9	0 45	24 46	1 24	12 26	1 1	20 53	1 52	6 4	0 41	3 27	1 3	21 36	0 4	2 9	1 37	17 47	3 53	3 5	
T 6	15 50	19 28	3 54	17 38	0 19	1 48	0 50	24 44	1 24	12 30	1 1	20 53	1 52	6 3	0 41	3 26	1 3	21 36	0 4	2 8	1 35	17 44	3 52	3 5	
W 7	16 8	14 49	3 7	18 10	0 26	1 27	0 55	24 43	1 24	12 34	1 1	20 52	1 52	6 3	0 41	3 26	1 3	21 35	0 4	2 9	1 34	17 42	3 51	3 4	
T 8	16 26	9 37	2 11	18 42	0 33	1 5	0 59	24 41	1 24	12 39	1 1	20 52	1 52	6 2	0 41	3 25	1 3	21 35	0 4	2 9	1 33	17 39	3 50	3 4	
F 9	16 43	3 59	1 9	19 12	0 39	0 44	1 3	24 38	1 24	12 43	1 1	20 52	1 52	6 1	0 41	3 25	1 3	21 35	0 4	2 10	1 31	17 36	3 49	3 4	
S 10	17 0	1n52	0 3	19 42	0 46	0 22	1 8	24 36	1 24	12 47	1 1	20 51	1 52	6 0	0 41	3 24	1 3	21 35	0 5	2 10	1 30	17 33	3 48	3 4	
S 11	17 17	7 47	1n 4	20 10	0 52	0s 0	1 12	24 33	1 24	12 51	1 1	20 51	1 52	6 0	0 41	3 24	1 3	21 35	0 5	2 10	1 29	17 30	3 47	3 4	
M12	17 34	13 32	2 9	20 38	0 58	0 23	1 16	24 30	1 24	12 56	1 1	20 50	1 52	5 59	0 41	3 23	1 3	21 35	0 5	2 9	1 28	17 28	3 46	3 3	
T 13	17 50	18 49	3 10	21 4	1 5	0 45	1 19	24 27	1 24	13 0	1 1	20 50	1 52	5 58	0 41	3 23	1 3	21 35	0 5	2 7	1 26	17 25	3 45	3 3	
W14	18 6	23 18	4 1	21 30	1 11	1 8	1 23	24 24	1 23	13 4	1 1	20 49	1 52	5 57	0 41	3 22	1 3	21 35	0 5	2 4	1 25	17 22	3 44	3 3	
T 15	18 21	26 36	4 39	21 54	1 17	1 31	1 27	24 20	1 23	13 8	1 1	20 49	1 52	5 57	0 41	3 22	1 3	21 35	0 5	2 1	1 24	17 19	3 44	3 3	
F 16	18 36	28 19	5 2	22 18	1 22	1 54	1 30	24 16	1 23	13 12	1 1	20 48	1 52	5 56	0 41	3 21	1 3	21 35	0 5	1 58	1 23	17 16	3 43	3 3	
S 17	18 51	28 14	5 6	22 40	1 28	2 17	1 33	24 12	1 23	13 16	1 1	20 48	1 52	5 55	0 41	3 21	1 3	21 35	0 5	1 55	1 21	17 14	3 42	3 2	
S 18	19 6	26 18	4 52	23 1	1 33	2 40	1 36	24 7	1 23	13 20	1 1	20 48	1 52	5 55	0 41	3 20	1 3	21 34	0 5	1 53	1 20	17 11	3 41	3 2	
M19	19 20	22 42	4 20	23 21	1 39	3 4	1 40	24 2	1 23	13 24	1 1	20 47	1 52	5 54	0 41	3 20	1 3	21 34	0 5	1 51	1 19	17 8	3 41	3 2	
T 20	19 34	17 47	3 32	23 40	1 44	3 27	1 42	23 57	1 23	13 29	1 1	20 47	1 52	5 54	0 41	3 19	1 3	21 34	0 5	1 50	1 18	17 5	3 40	3 2	
W21	19 47	11 56	2 31	23 57	1 49	3 51	1 45	23 52	1 23	13 33	1 1	20 46	1 52	5 53	0 41	3 19	1 3	21 34	0 6	1 50	1 16	17 2	3 39	3 1	
T 22	20 1	5 30	1 22	24 14	1 53	4 15	1 48	23 46	1 23	13 37	1 1	20 46	1 52	5 52	0 40	3 18	1 3	21 34	0 6	1 51	1 15	16 59	3 38	3 1	
F 23	20 13	1s 9	0 8	24 29	1 58	4 38	1 50	23 41	1 22	13 41	1 1	20 45	1 52	5 52	0 40	3 18	1 3	21 34	0 6	1 51	1 14	16 56	3 38	3 1	
S 24	20 26	7 42	1s 6	24 43	2 2	5 2	1 53	23 34	1 22	13 45	1 1	20 45	1 52	5 51	0 40	3 18	1 3	21 34	0 6	1 51	1 13	16 54	3 37	3 1	
S 25	20 38	13 49	2 15	24 56	2 6	5 26	1 55	23 28	1 22	13 48	1 1	20 44	1 52	5 51	0 40	3 17	1 3	21 33	0 6	1 50	1 11	16 51	3 36	3 1	
M26	20 50	19 13	3 15	25 7	2 10	5 50	1 57	23 21	1 22	13 52	1 1	20 44	1 52	5 50	0 40	3 17	1 3	21 33	0 6	1 47	1 10	16 48	3 36	3 0	
T 27	21 1	23 34	4 4	25 17	2 13	6 14	1 59	23 14	1 22	13 56	1 1	20 43	1 52	5 50	0 40	3 16	1 3	21 33	0 6	1 44	1 9	16 45	3 35	3 0	
W28	21 12	26 38	4 38	25 26	2 16	6 38	2 1	23 7	1 21	14 0	1 1	20 43	1 52	5 49	0 40	3 16	1 3	21 33	0 6	1 40	1 8	16 42	3 35	3 0	
T 29	21 22	28 13	4 58	25 33	2 19	7 2	2 3	23 0	1 21	14 4	1 1	20 42	1 52	5 49	0 40	3 16	1 3	21 33	0 6	1 35	1 6	16 39	3 34	3 0	
F 30	21s32	28s18	5s 3	25s39	2s21	7s26	2n 5	22s52	1s21	14s 8	1n 1	20n42	1s52	5n48	0s40	3n15	1n 3	21s33	0s 6	1n31	1n 5	16s36	3n34	2n59	

ASTRODIENST EPHEMERIS for the year 2266
geocentric

DECEMBER 2266

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 59	8♂33'52	18♂43	26♂23	25♂20	23♂14	11♂11	14°R44	16°R20	24♂15	23♂ 5	3°R37	2°Y41	23♂57	2°R 3	S 1
S 2	4 42 56	9°34'36	0♂52	27°48	26°30	24° 0	11°23	14♂39	16°Y19	24°16	23° 6	3°Y29	2°37	24° 4	2°Y 2	S 2
M 3	4 46 52	10°35'21	12°50	29°12	27°40	24°47	11°36	14°35	16°18	24°17	23° 8	3°22	2°34	24°11	2° 1	M 3
T 4	4 50 49	11°36'07	24°40	0♂34	28°50	25°33	11°48	14°30	16°17	24°18	23° 9	3°18	2°31	24°17	2° 1	T 4
W 5	4 54 45	12°36'54	6♂29	1°56	29°59	26°19	12° 0	14°25	16°16	24°19	23°11	3°17	2°28	24°24	2° 0	W 5
T 6	4 58 42	13°37'42	18°20	3°16	1♂10	27° 5	12°12	14°20	16°15	24°19	23°13	3°D17	2°25	24°31	2° 0	T 6
F 7	5 2 38	14°38'31	0°Y20	4°35	2°20	27°52	12°24	14°15	16°14	24°20	23°14	3°R17	2°21	24°37	1°59	F 7
S 8	5 6 35	15°39'21	12°34	5°52	3°31	28°38	12°36	14°10	16°13	24°21	23°16	3°17	2°18	24°44	1°59	S 8
S 9	5 10 32	16°40'11	25° 6	7° 6	4°42	29°25	12°48	14° 5	16°12	24°21	23°18	3°15	2°15	24°51	1°59	S 9
M10	5 14 28	17°41'02	8♂ 1	8°18	5°52	0♂11	13° 0	14° 0	16°11	24°22	23°19	3°10	2°12	24°57	1°59	M10
T 11	5 18 25	18°41'55	21°22	9°28	7° 3	0°58	13°12	13°55	16°11	24°22	23°21	3° 3	2° 9	25° 4	1°58	T 11
W12	5 22 21	19°42'48	5♂ 7	10°34	8°14	1°44	13°24	13°50	16°10	24°23	23°23	2°53	2° 6	25°11	1°58	W12
T 13	5 26 18	20°43'42	19°14	11°36	9°25	2°31	13°35	13°45	16° 9	24°23	23°25	2°41	2° 2	25°17	1°D58	T 13
F 14	5 30 14	21°44'37	3♂39	12°34	10°37	3°17	13°47	13°40	16° 9	24°24	23°26	2°29	1°59	25°24	1°58	F 14
S 15	5 34 11	22°45'34	18°14	13°27	11°48	4° 4	13°59	13°36	16° 8	24°24	23°28	2°18	1°56	25°31	1°58	S 15
S 16	5 38 8	23°46'31	2♂53	14°14	12°59	4°51	14°10	13°31	16° 8	24°25	23°30	2° 8	1°53	25°37	1°58	S 16
M17	5 42 4	24°47'29	17°28	14°55	14°11	5°37	14°22	13°26	16° 7	24°25	23°32	2° 2	1°50	25°44	1°59	M17
T 18	5 46 1	25°48'28	1♂54	15°28	15°23	6°24	14°33	13°21	16° 7	24°25	23°34	1°58	1°47	25°51	1°59	T 18
W19	5 49 57	26°49'28	16° 7	15°54	16°34	7°11	14°44	13°16	16° 6	24°26	23°35	1°56	1°43	25°57	1°59	W19
T 20	5 53 54	27°50'29	0♂ 6	16°10	17°46	7°58	14°55	13°12	16° 6	24°26	23°37	1°56	1°40	26° 4	2° 0	T 20
F 21	5 57 50	28°51'32	13°52	16°R17	18°58	8°45	15° 7	13° 7	16° 6	24°26	23°39	1°56	1°37	26°11	2° 0	F 21
S 22	6 1 47	29°52'35	27°24	16°12	20°10	9°31	15°18	13° 2	16° 5	24°26	23°41	1°54	1°34	26°17	2° 1	S 22
S 23	6 5 43	0♂53'39	10♂45	15°57	21°23	10°18	15°29	12°58	16° 5	24°26	23°43	1°50	1°31	26°24	2° 1	S 23
M24	6 9 40	1°54'44	23°54	15°30	22°35	11° 5	15°40	12°53	16° 5	24°27	23°45	1°43	1°27	26°31	2° 2	M24
T 25	6 13 37	2°55'50	6♂53	14°51	23°47	11°52	15°50	12°49	16° 5	24°27	23°47	1°32	1°24	26°37	2° 2	T 25
W26	6 17 33	3°56'56	19°41	14° 1	25° 0	12°39	16° 1	12°44	16°D 5	24°27	23°49	1°20	1°21	26°44	2° 3	W26
T 27	6 21 30	4°58'04	2♂18	13° 1	26°12	13°26	16°12	12°40	16° 5	24°R27	23°51	1° 5	1°18	26°51	2° 4	T 27
F 28	6 25 26	5°59'11	14°43	11°52	27°25	14°13	16°22	12°36	16° 5	24°27	23°53	0°51	1°15	26°57	2° 5	F 28
S 29	6 29 23	7° 0'19	26°56	10°36	28°37	15° 0	16°33	12°31	16° 5	24°27	23°55	0°37	1°12	27° 4	2° 6	S 29
S 30	6 33 19	8° 1'27	8♂59	9°15	29°50	15°47	16°43	12°27	16° 6	24°27	23°56	0°26	1° 8	27°11	2° 7	S 30
M31	6 37 16	9♂ 2'36	20♂54	7♂53	1♂ 3	16♂34	16♂54	12♂23	16°Y 6	24♂26	23♂58	0°Y17	1°Y 5	27♂17	2°Y 8	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	21s42	26s56	4s53	25s44	2s23	7s50	2n 6	22s44	1s21	14s12	1n 1	20n41	1s52	5n48	0s40	3n15	1n 4	21s33	0s 6	1n26	1n 4	16s34	3n33	2n59	
S 2	21 51	24 19	4 29	25 47	2 24	8 13	2 8	22 36	1 21	14 15	1 1	20 41	1 51	5 47	0 40	3 15	1 4	21 32	0 7	1 23	1 2	16 31	3 33	2 59	
M 3	22 0	20 41	3 55	25 49	2 25	8 37	2 9	22 28	1 20	14 19	1 1	20 40	1 51	5 47	0 40	3 15	1 4	21 32	0 7	1 20	1 1	16 28	3 32	2 59	
T 4	22 9	16 16	3 10	25 50	2 26	9 1	2 10	22 19	1 20	14 23	1 2	20 40	1 51	5 47	0 40	3 14	1 4	21 32	0 7	1 19	1 0	16 25	3 32	2 58	
W 5	22 17	11 15	2 17	25 49	2 26	9 24	2 11	22 10	1 20	14 26	1 2	20 39	1 51	5 46	0 40	3 14	1 4	21 32	0 7	1 18	0 59	16 22	3 31	2 58	
T 6	22 24	5 49	1 19	25 47	2 25	9 48	2 12	22 1	1 20	14 30	1 2	20 39	1 51	5 46	0 40	3 14	1 4	21 32	0 7	1 18	0 57	16 19	3 31	2 58	
F 7	22 31	0 6	0 16	25 43	2 24	10 11	2 13	21 51	1 19	14 34	1 2	20 38	1 51	5 46	0 40	3 13	1 4	21 31	0 7	1 18	0 56	16 16	3 30	2 58	
S 8	22 38	5n43	0n49	25 39	2 22	10 34	2 14	21 42	1 19	14 37	1 2	20 38	1 51	5 45	0 40	3 13	1 4	21 31	0 7	1 18	0 55	16 13	3 30	2 57	
S 9	22 44	11 27	1 53	25 32	2 20	10 57	2 14	21 32	1 19	14 41	1 2	20 37	1 51	5 45	0 40	3 13	1 4	21 31	0 7	1 17	0 54	16 10	3 30	2 57	
M10	22 50	16 54	2 53	25 25	2 16	11 20	2 15	21 22	1 18	14 44	1 2	20 37	1 51	5 45	0 40	3 13	1 4	21 31	0 7	1 16	0 52	16 7	3 29	2 57	
T 11	22 56	21 42	3 45	25 16	2 12	11 43	2 15	21 11	1 18	14 48	1 2	20 36	1 51	5 44	0 40	3 13	1 4	21 31	0 7	1 13	0 51	16 4	3 29	2 57	
W12	23 1	25 29	4 26	25 6	2 7	12 6	2 16	21 1	1 18	14 51	1 2	20 36	1 51	5 44	0 40	3 13	1 4	21 30	0 7	1 9	0 50	16 2	3 29	2 57	
T 13	23 5	27 50	4 52	24 55	2 1	12 28	2 16	20 50	1 18	14 55	1 2	20 35	1 51	5 44	0 40	3 12	1 4	21 30	0 7	1 4	0 49	15 59	3 29	2 56	
F 14	23 9	28 22	5 0	24 43	1 55	12 50	2 16	20 39	1 17	14 58	1 2	20 35	1 50	5 44	0 40	3 12	1 4	21 30	0 8	0 59	0 47	15 56	3 29	2 56	
S 15	23 13	26 56	4 49	24 30	1 47	13 12	2 16	20 28	1 17	15 1	1 2	20 35	1 50	5 44	0 40	3 12	1 4	21 30	0 8	0 55	0 46	15 53	3 28	2 56	
S 16	23 16	23 41	4 19	24 16	1 38	13 34	2 16	20 16	1 17	15 5	1 2	20 34	1 50	5 43	0 40	3 12	1 4	21 30	0 8	0 51	0 45	15 50	3 28	2 56	
M17	23 18	18 56	3 32	24 1	1 27	13 55	2 15	20 4	1 16	15 8	1 2	20 34	1 50	5 43	0 40	3 12	1 4	21 29	0 8	0 48	0 44	15 47	3 28	2 55	
T 18	23 20	13 9	2 32	23 46	1 16	14 16	2 15	19 52	1 16	15 11	1 2	20 33	1 50	5 43	0 40	3 12	1 4	21 29	0 8	0 47	0 42	15 44	3 28	2 55	
W19	23 22	6 44	1 23	23 31	1 3	14 37	2 15	19 40	1 16	15 15	1 2	20 33	1 50	5 43	0 40	3 12	1 4	21 29	0 8	0 46	0 41	15 41	3 28	2 55	
T 20	23 23	0 6	0 10	23 15	0 49	14 58	2 14	19 28	1 15	15 18	1 2	20 32	1 50	5 43	0 40	3 12	1 4	21 29	0 8	0 46	0 40	15 38	3 28	2 55	
F 21	23 24	6s25	1s 3	22 59	0 34	15 18	2 13	19 15	1 15	15 21	1 3	20 32	1 50	5 43	0 39	3 12	1 4	21 28	0 8	0 46	0 39	15 35	3 28	2 54	
S 22	23 24	12 33	2 10	22 43	0 17	15 38	2 13	19 2	1 14	15 24	1 3	20 31	1 49	5 43	0 39	3 12	1 4	21 28	0 8	0 45	0 37	15 32	3 28	2 54	
S 23	23 24	18 2	3 9	22 27	0n 0	15 58	2 12	18 49	1 14	15 27	1 3	20 31	1 49	5 43	0 39	3 12	1 5	21 28	0 8	0 44	0 36	15 29	3 28	2 54	
M24	23 24	22 33	3 58	22 12	0 19	16 17	2 11	18 36	1 14	15 30	1 3	20 31	1 49	5 43	0 39	3 12	1 5	21 28	0 8	0 41	0 35	15 26	3 28	2 54	
T 25	23 22	25 55	4 33	21 57	0 38	16 36	2 10	18 23	1 13	15 33	1 3	20 30	1 49	5 43	0 39	3 12	1 5	21 27	0 9	0 37	0 33	15 23	3 28	2 53	
W26	23 21	27 53	4 53	21 42	0 58	16 54	2 9	18 9	1 13	15 36	1 3	20 30	1 49	5 43	0 39	3 12	1 5	21 27	0 9	0 32	0 32	15 20	3 28	2 53	
T 27	23 19	28 23	4 59	21 29	1 18	17 12	2 8	17 55	1 12	15 39	1 3	20 29	1 49	5 43	0 39	3 12	1 5	21 27	0 9	0 26	0 31	15 17	3 28	2 53	
F 28	23 16	27 25	4 51	21 16	1 38	17 30	2 6	17 41	1 12	15 42	1 3	20 29	1 48	5 43	0 39	3 12	1 5	21 27	0 9	0 20	0 30	15 14	3 28	2 53	
S 29	23 13	25 8	4 29	21 3	1 56	17 48	2 5	17 27	1 12	15 45	1 3	20 29	1 48	5 43	0 39	3 12	1 5	21 26	0 9	0 15	0 28	15 11	3 28	2 52	
S 30	23 10	21 46	3 55	20 52	2 13	18 4	2 4	17 13	1 11	15 48	1 3	20 28	1 48	5 43	0 39	3 12	1 5	21 26	0 9	0 10	0 27	15 8	3 28	2 52	
M31	23s 6	17s32	3s12	20s42	2n29	18s21	2n 2	16s58	1s11	15s51	1n 3	20n28	1s48	5n43	0s39	3n12	1n 5	21s26	0s 9	0n 7	0n26	15s 5	3n28	2n52	