



Astrodienst Ephemeris Tables for the year 1875

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 1875

geocentric

JANUARY 1875

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 40 57	10 ³ 12'59	25 ¹ 17	1 ³ 41	9 ² 29	5 ¹ 48	28 ¹ 36	12 ¹ 34	14 ¹ R32	28 ¹ R 2	20 ¹ R56	23 ¹ R30	22 ¹ Y41	7 ¹ 6	17 ¹ Y54	F 1
S 2	6 44 53	11 ¹ 14'09	7 ¹ 3	3 ¹ 15	9 ¹ 36	6 ¹ 24	28 ¹ 44	12 ¹ 41	14 ¹ Q30	28 ¹ Y 1	20 ¹ Y56	23 ¹ Y29	22 ¹ 37	7 ¹ 12	17 ¹ 55	S 2
S 3	6 48 50	12 ¹ 15'19	18 ¹ 53	4 ¹ 49	9 ¹ 45	6 ¹ 59	28 ¹ 51	12 ¹ 47	14 ¹ 28	28 ¹ 1	20 ¹ 55	23 ¹ 26	22 ¹ 34	7 ¹ 19	17 ¹ 55	S 3
M 4	6 52 46	13 ¹ 16'30	0 ¹ 24	6 ¹ 23	9 ¹ 57	7 ¹ 35	28 ¹ 58	12 ¹ 54	14 ¹ 26	28 ¹ 1	20 ¹ 54	23 ¹ 21	22 ¹ 31	7 ¹ 26	17 ¹ 55	M 4
T 5	6 56 43	14 ¹ 17'41	12 ¹ 57	7 ¹ 58	10 ¹ 10	8 ¹ 10	29 ¹ 6	13 ¹ 1	14 ¹ 23	28 ¹ 1	20 ¹ 54	23 ¹ 13	22 ¹ 28	7 ¹ 32	17 ¹ 56	T 5
W 6	7 0 40	15 ¹ 18'52	25 ¹ 18	9 ¹ 33	10 ¹ 26	8 ¹ 45	29 ¹ 13	13 ¹ 7	14 ¹ 21	28 ¹ 1	20 ¹ 53	23 ¹ 2	22 ¹ 25	7 ¹ 39	17 ¹ 56	W 6
T 7	7 4 36	16 ¹ 20'02	7 ¹ 54	11 ¹ 8	10 ¹ 44	9 ¹ 21	29 ¹ 19	13 ¹ 14	14 ¹ 19	28 ¹ 1	20 ¹ 53	22 ¹ 48	22 ¹ 22	7 ¹ 46	17 ¹ 56	T 7
F 8	7 8 33	17 ¹ 21'13	20 ¹ 46	12 ¹ 44	11 ¹ 4	9 ¹ 56	29 ¹ 26	13 ¹ 21	14 ¹ 17	28 ¹ D 1	20 ¹ 52	22 ¹ 34	22 ¹ 18	7 ¹ 52	17 ¹ 57	F 8
S 9	7 12 29	18 ¹ 22'23	3 ¹ 51	14 ¹ 21	11 ¹ 26	10 ¹ 31	29 ¹ 33	13 ¹ 27	14 ¹ 15	28 ¹ 1	20 ¹ 52	22 ¹ 21	22 ¹ 15	7 ¹ 59	17 ¹ 58	S 9
S 10	7 16 26	19 ¹ 23'33	17 ¹ 10	15 ¹ 58	11 ¹ 49	11 ¹ 6	29 ¹ 39	13 ¹ 34	14 ¹ 12	28 ¹ 1	20 ¹ 51	22 ¹ 8	22 ¹ 12	8 ¹ 6	17 ¹ 58	S 10
M 11	7 20 22	20 ¹ 24'42	0 ¹ 39	17 ¹ 35	12 ¹ 14	11 ¹ 42	29 ¹ 45	13 ¹ 41	14 ¹ 10	28 ¹ 1	20 ¹ 51	21 ¹ 59	22 ¹ 9	8 ¹ 12	17 ¹ 59	M 11
T 12	7 24 19	21 ¹ 25'51	14 ¹ 17	19 ¹ 13	12 ¹ 42	12 ¹ 17	29 ¹ 52	13 ¹ 48	14 ¹ 8	28 ¹ 1	20 ¹ 50	21 ¹ 52	22 ¹ 6	8 ¹ 19	18 ¹ 0	T 12
W 13	7 28 15	22 ¹ 26'59	28 ¹ 2	20 ¹ 51	13 ¹ 10	12 ¹ 52	29 ¹ 58	13 ¹ 55	14 ¹ 5	28 ¹ 1	20 ¹ 50	21 ¹ 49	22 ¹ 2	8 ¹ 26	18 ¹ 1	W 13
T 14	7 32 12	23 ¹ 28'07	11 ¹ Y55	22 ¹ 29	13 ¹ 41	13 ¹ 27	0 ¹ 3	14 ¹ 1	14 ¹ 3	28 ¹ 1	20 ¹ 49	21 ¹ 48	21 ¹ 59	8 ¹ 32	18 ¹ 1	T 14
F 15	7 36 9	24 ¹ 29'13	25 ¹ 55	24 ¹ 9	14 ¹ 13	14 ¹ 2	0 ¹ 9	14 ¹ 8	14 ¹ 1	28 ¹ 1	20 ¹ 49	21 ¹ 47	21 ¹ 56	8 ¹ 39	18 ¹ 2	F 15
S 16	7 40 5	25 ¹ 30'19	10 ¹ 8	25 ¹ 48	14 ¹ 46	14 ¹ 36	0 ¹ 15	14 ¹ 15	13 ¹ 58	28 ¹ 2	20 ¹ 48	21 ¹ 47	21 ¹ 53	8 ¹ 46	18 ¹ 3	S 16
S 17	7 44 2	26 ¹ 31'24	24 ¹ 14	27 ¹ 29	15 ¹ 21	15 ¹ 11	0 ¹ 20	14 ¹ 22	13 ¹ 56	28 ¹ 2	20 ¹ 48	21 ¹ 45	21 ¹ 50	8 ¹ 52	18 ¹ 4	S 17
M 18	7 47 58	27 ¹ 32'28	8 ¹ II30	29 ¹ 9	15 ¹ 57	15 ¹ 46	0 ¹ 25	14 ¹ 29	13 ¹ 53	28 ¹ 2	20 ¹ 48	21 ¹ 40	21 ¹ 47	8 ¹ 59	18 ¹ 6	M 18
T 19	7 51 55	28 ¹ 33'32	22 ¹ 47	0 ¹ 51	16 ¹ 34	16 ¹ 21	0 ¹ 30	14 ¹ 36	13 ¹ 51	28 ¹ 3	20 ¹ 47	21 ¹ 33	21 ¹ 43	9 ¹ 5	18 ¹ 7	T 19
W 20	7 55 51	29 ¹ 34'34	7 ¹ 5	2 ¹ 33	17 ¹ 13	16 ¹ 55	0 ¹ 35	14 ¹ 43	13 ¹ 48	28 ¹ 3	20 ¹ 47	21 ¹ 22	21 ¹ 40	9 ¹ 12	18 ¹ 8	W 20
T 21	7 59 48	0 ¹ 35'36	21 ¹ 6	4 ¹ 15	17 ¹ 53	17 ¹ 30	0 ¹ 40	14 ¹ 50	13 ¹ 46	28 ¹ 3	20 ¹ 47	21 ¹ 10	21 ¹ 37	9 ¹ 19	18 ¹ 9	T 21
F 22	8 3 44	1 ¹ 36'37	4 ¹ Q58	5 ¹ 58	18 ¹ 34	18 ¹ 4	0 ¹ 44	14 ¹ 57	13 ¹ 43	28 ¹ 4	20 ¹ 46	20 ¹ 58	21 ¹ 34	9 ¹ 25	18 ¹ 10	F 22
S 23	8 7 41	2 ¹ 37'37	18 ¹ 31	7 ¹ 41	19 ¹ 16	18 ¹ 39	0 ¹ 49	15 ¹ 5	13 ¹ 41	28 ¹ 4	20 ¹ 46	20 ¹ 45	21 ¹ 31	9 ¹ 32	18 ¹ 12	S 23
S 24	8 11 38	3 ¹ 38'36	1 ¹ II43	9 ¹ 25	20 ¹ 0	19 ¹ 13	0 ¹ 53	15 ¹ 12	13 ¹ 38	28 ¹ 5	20 ¹ 46	20 ¹ 35	21 ¹ 28	9 ¹ 39	18 ¹ 13	S 24
M 25	8 15 34	4 ¹ 39'35	14 ¹ 33	11 ¹ 9	20 ¹ 44	19 ¹ 47	0 ¹ 57	15 ¹ 19	13 ¹ 35	28 ¹ 5	20 ¹ 46	20 ¹ 27	21 ¹ 24	9 ¹ 45	18 ¹ 15	M 25
T 26	8 19 31	5 ¹ 40'33	27 ¹ 3	12 ¹ 54	21 ¹ 29	20 ¹ 21	1 ¹ 1	15 ¹ 26	13 ¹ 33	28 ¹ 6	20 ¹ 45	20 ¹ 23	21 ¹ 21	9 ¹ 52	18 ¹ 16	T 26
W 27	8 23 27	6 ¹ 41'30	9 ¹ 15	14 ¹ 39	22 ¹ 16	20 ¹ 56	1 ¹ 4	15 ¹ 33	13 ¹ 30	28 ¹ 7	20 ¹ 45	20 ¹ 20	21 ¹ 18	9 ¹ 59	18 ¹ 18	W 27
T 28	8 27 24	7 ¹ 42'27	21 ¹ 14	16 ¹ 24	23 ¹ 3	21 ¹ 30	1 ¹ 8	15 ¹ 40	13 ¹ 28	28 ¹ 7	20 ¹ 45	20 ¹ D20	21 ¹ 15	10 ¹ 5	18 ¹ 20	T 28
F 29	8 31 20	8 ¹ 43'22	3 ¹ III 5	18 ¹ 9	23 ¹ 51	22 ¹ 4	1 ¹ 11	15 ¹ 47	13 ¹ 25	28 ¹ 8	20 ¹ 45	20 ¹ R20	21 ¹ 12	10 ¹ 12	18 ¹ 21	F 29
S 30	8 35 17	9 ¹ 44'18	14 ¹ 53	19 ¹ 55	24 ¹ 40	22 ¹ 38	1 ¹ 14	15 ¹ 55	13 ¹ 22	28 ¹ 9	20 ¹ 45	20 ¹ 20	21 ¹ 8	10 ¹ 19	18 ¹ 23	S 30
S 31	8 39 13	10 ¹ 45'12	26 ¹ III43	21 ¹ 40	25 ¹ 30	23 ¹ III12	1 ¹ 17	16 ¹ 2	13 ¹ Q20	28 ¹ Y 9	20 ¹ Y45	20 ¹ Y19	21 ¹ Y 5	10 ¹ II25	18 ¹ Y25	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	
F 1	23s 4	9s56	0s 9	24s29	1s 2	17s24	4n33	12s20	1n12	9s50	1n14	17s55	0s54	17n 9	0n42	9n 8	1s46	3n50	14s40	9n 8	8n50	15s 6	7n55	0n58						
S 2	22 59	15 0	1 11	24 33	1 8	17 20	4 38	12 32	1 12	9 52	1 15	17 53	0 54	17 10	0 42	9 8	1 46	3 50	14 40	9 8	8 49	15 9	7 55	0 58						
S 3	22 54	19 32	2 10	24 36	1 13	17 16	4 42	12 44	1 11	9 55	1 15	17 51	0 54	17 10	0 42	9 8	1 46	3 50	14 39	9 7	8 47	15 12	7 55	0 57						
M 4	22 48	23 20	3 4	24 37	1 19	17 14	4 47	12 56	1 11	9 57	1 15	17 49	0 54	17 11	0 42	9 8	1 46	3 50	14 39	9 5	8 46	15 15	7 55	0 57						
T 5	22 41	26 10	3 50	24 37	1 24	17 12	4 50	13 7	1 11	9 59	1 15	17 47	0 54	17 12	0 42	9 8	1 46	3 50	14 39	9 2	8 45	15 18	7 55	0 57						
W 6	22 35	27 48	4 26	24 35	1 28	17 11	4 53	13 19	1 11	10 2	1 15	17 45	0 54	17 12	0 42	9 8	1 46	3 50	14 39	8 57	8 44	15 21	7 55	0 57						
T 7	22 27	28 3	4 50	24 32	1 33	17 11	4 56	13 30	1 11	10 4	1 16	17 44	0 54	17 13	0 42	9 8	1 46	3 50	14 38	8 53	8 43	15 24	7 55	0 57						
F 8	22 20	26 47	5 0	24 28	1 37	17 11	4 59	13 42	1 10	10 6	1 16	17 42	0 54	17 14	0 42	9 8	1 46	3 50	14 38	8 47	8 41	15 27	7 55	0 57						
S 9	22 12	24 4	4 54	24 22	1 41	17 12	5 1	13 53	1 10	10 8	1 16	17 40	0 54	17 14	0 42	9 8	1 46	3 51	14 38	8 42	8 40	15 30	7 55	0 57						
S 10	22 3	20 1	4 32	24 15	1 45	17 14	5 2	14 4	1 10	10 10	1 16	17 38	0 54	17 15	0 42	9 8	1 46	3 51	14 38	8 38	8 39	15 33	7 56	0 57						
M11	21 54	14 55	3 55	24 6	1 49	17 16	5 3	14 15	1 10	10 12	1 16	17 36	0 54	17 16	0 42	9 8	1 46	3 51	14 37	8 34	8 38	15 36	7 56	0 56						
T 12	21 45	9 1	3 4	23 56	1 52	17 18	5 4	14 26	1 9	10 14	1 17	17 34	0 54	17 16	0 42	9 8	1 46	3 51	14 37	8 32	8 37	15 39	7 56	0 56						
W13	21 35	2 39	2 2	23 44	1 55	17 21	5 5	14 37	1 9	10 16	1 17	17 32	0 54	17 17	0 42	9 8	1 46	3 51	14 37	8 30	8 35	15 42	7 56	0 56						
T 14	21 25	3n55	0 52	23 31	1 57	17 25	5 5	14 48	1 9	10 18	1 17	17 30	0 54	17 18	0 42	9 8	1 45	3 51	14 36	8 30	8 34	15 45	7 56	0 56						
F 15	21 14	10 21	0n22	23 16	2 0	17 28	5 5	14 58	1 8	10 20	1 17	17 28	0 54	17 19	0 42	9 8	1 45	3 52	14 36	8 30	8 33	15 48	7 57	0 56						
S 16	21 3	16 20	1 35	22 59	2 1	17 32	5 5	15 9	1 8	10 21	1 17	17 26	0 55	17 19	0 42	9 8	1 45	3 52	14 36	8 30	8 32	15 51	7 57	0 56						
S 17	20 52	21 28	2 42	22 41	2 3	17 37	5 4	15 19	1 8	10 23	1 18	17 24	0 55	17 20	0 42	9 9	1 45	3 52	14 35	8 29	8 31	15 54	7 57	0 56						
M18	20 40	25 22	3 40	22 22	2 4	17 41	5 3	15 30	1 7	10 25	1 18	17 22	0 55	17 21	0 42	9 9	1 45	3 52	14 35	8 27	8 30	15 57	7 57	0 56						
T 19	20 28	27 39	4 24	22 1	2 5	17 46	5 2	15 40	1 7	10 26	1 18	17 20	0 55	17 21	0 42	9 9	1 45	3 52	14 35	8 24	8 28	16 0	7 58	0 55						
W20	20 15	28 7	4 51	21 38	2 5	17 51	5 1	15 50	1 7	10 28	1 18	17 18	0 55	17 22	0 42	9 9	1 45	3 53	14 35	8 21	8 27	16 3	7 58	0 55						
T 21	20 2	26 45	5 0	21 14	2 5	17 56	4 59	16 0	1 6	10 29	1 18	17 16	0 55	17 23	0 42	9 9	1 45	3 53	14 34	8 16	8 26	16 6	7 58	0 55						
F 22	19 49	23 45	4 52	20 49	2 5	18 1	4 58	16 10	1 6	10 31	1 19	17 14	0 55	17 24	0 42	9 10	1 45	3 53	14 34	8 11	8 25	16 9	7 59	0 55						
S 23	19 35	19 31	4 26	20 21	2 4	18 7	4 56	16 20	1 6	10 32	1 19	17 12	0 55	17 24	0 42	9 10	1 45	3 53	14 34	8 7	8 24	16 11	7 59	0 55						
S 24	19 21	14 25	3 47	19 52	2 2	18 12	4 53	16 30	1 5	10 33	1 19	17 10	0 55	17 25	0 42	9 10	1 45	3 54	14 33	8 3	8 22	16 14	8 0	0 55						
M25	19 7	8 49	2 58	19 22	2 0	18 18	4 51	16 39	1 5	10 34	1 19	17 8	0 55	17 26	0 42	9 10	1 45	3 54	14 33	8 0	8 21	16 17	8 0	0 55						
T 26	18 52	3 1	2 0	18 50	1 58	18 23	4 48	16 49	1 5	10 36	1 20	17 6	0 55	17 27	0 42	9 11	1 45	3 54	14 33	7 58	8 20	16 20	8 1	0 55						
W27	18 37	2s46	0 59	18 17	1 55	18 29	4 46	16 58	1 4	10 37	1 20	17 4	0 55	17 27	0 42	9 11	1 45	3 54	14 32	7 57	8 19	16 23	8 1	0 54						
T 28	18 21	8 22	0s 5	17 42	1 51	18 34	4 43	17 7	1 4	10 38	1 20	17 2	0 55	17 28	0 42	9 11	1 45	3 55	14 32	7 57	8 18	16 26	8 2	0 54						
F 29	18 6	13 36	1 7	17 6	1 47	18 39	4 40	17 17	1 3	10 39	1 20	17 0	0 55	17 29	0 42	9 11	1 45	3 55	14 32	7 57	8 16	16 29	8 2	0 54						
S 30	17 49	18 20	2 7	16 28	1 42	18 45	4 37	17 26	1 3	10 39	1 20	16 57	0 55	17 30	0 42	9 12	1 45	3 55	14 31	7 57	8 15	16 32	8 3	0 54						
S 31	17s33	22s22	3s 1	15s49	1s36	18s50	4n33	17s35	1n 3	10s40	1n21	16s55	0s55	17n31	0n42	9n12	1s44	3n55	14s31	7n57	8n14	16s35	8n 3	0n54						

ASTRODIENST EPHEMERIS for the year 1875

geocentric

FEBRUARY 1875

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 43 10	11 ⁴⁶ 06	8 ⁴⁷ 42	23 ²⁵ 25	26 ²⁷ 21	23 ¹⁴ 45	1 ¹⁴ 20	16 ²² 09	13 ¹³ R17	28 ²⁸ Y10	20 ²⁰ R45	20 ²⁰ R15	21 ²¹ Y 2	10 ¹⁰ M32	18 ¹⁸ Y27	M 1
T 2	8 47 7	12 ⁴⁶ 59	20 ⁵³	25 ²⁵ 9	27 ²⁷ 12	24 ²⁴ 19	1 ²³	16 ¹⁶ 16	13 ¹³ Ω14	28 ²⁸ 11	20 ²⁰ Ω45	20 ²⁰ Y 9	20 ²⁰ 59	10 ¹⁰ 39	18 ¹⁸ 29	T 2
W 3	8 51 3	13 ⁴⁷ 50	3 ³² 21	26 ²⁶ 53	28 ²⁸ 4	24 ²⁴ 53	1 ²⁵	16 ¹⁶ 23	13 ¹³ 12	28 ²⁸ 12	20 ²⁰ 44	20 ²⁰ 0	20 ²⁰ 56	10 ¹⁰ 45	18 ¹⁸ 30	W 3
T 4	8 55 0	14 ⁴⁸ 41	16 ¹⁶ 8	28 ²⁸ 35	28 ²⁸ 57	25 ²⁵ 26	1 ²⁷	16 ¹⁶ 31	13 ¹³ 9	28 ²⁸ 13	20 ²⁰ D44	19 ¹⁹ 50	20 ²⁰ 53	10 ¹⁰ 52	18 ¹⁸ 32	T 4
F 5	8 58 56	15 ⁴⁹ 31	29 ²⁹ 15	0 ⁰ 16	29 ²⁹ 50	26 ²⁶ 0	1 ³⁰	16 ¹⁶ 38	13 ¹³ 7	28 ²⁸ 14	20 ²⁰ 45	19 ¹⁹ 38	20 ²⁰ 49	10 ¹⁰ 59	18 ¹⁸ 34	F 5
S 6	9 2 53	16 ⁵⁰ 20	12 ⁴⁴ 41	1 ⁵⁵	0 ⁰ 34	26 ²⁶ 33	1 ³¹	16 ¹⁶ 45	13 ¹³ 4	28 ²⁸ 15	20 ²⁰ 45	19 ¹⁹ 27	20 ²⁰ 46	11 ¹¹ 5	18 ¹⁸ 37	S 6
S 7	9 6 49	17 ⁵¹ 07	26 ²⁶ 23	3 ³³	1 ³⁹	27 ²⁷ 6	1 ³³	16 ¹⁶ 52	13 ¹³ 1	28 ²⁸ 16	20 ²⁰ 45	19 ¹⁹ 17	20 ²⁰ 43	11 ¹¹ 12	18 ¹⁸ 39	S 7
M 8	9 10 46	18 ⁵¹ 53	10 ¹⁰ 18	5 ⁵ 7	2 ³⁴	27 ²⁷ 40	1 ³⁵	16 ¹⁶ 59	12 ¹² 59	28 ²⁸ 17	20 ²⁰ 45	19 ¹⁹ 9	20 ²⁰ 40	11 ¹¹ 19	18 ¹⁸ 41	M 8
T 9	9 14 43	19 ⁵² 38	24 ²⁴ 23	6 ⁶ 38	3 ³⁰	28 ²⁸ 13	1 ³⁶	17 ¹⁷ 7	12 ¹² 56	28 ²⁸ 18	20 ²⁰ 45	19 ¹⁹ 4	20 ²⁰ 37	11 ¹¹ 25	18 ¹⁸ 43	T 9
W10	9 18 39	20 ⁵³ 21	8 ⁸ Y32	8 ⁸ 5	4 ⁴ 26	28 ²⁸ 46	1 ³⁷	17 ¹⁷ 14	12 ¹² 54	28 ²⁸ 19	20 ²⁰ 45	19 ¹⁹ 1	20 ²⁰ 34	11 ¹¹ 32	18 ¹⁸ 45	W10
T 11	9 22 36	21 ⁵⁴ 03	22 ²² 43	9 ⁹ 28	5 ⁵ 23	29 ²⁹ 19	1 ³⁸	17 ¹⁷ 21	12 ¹² 51	28 ²⁸ 20	20 ²⁰ 45	19 ¹⁹ D 1	20 ²⁰ 30	11 ¹¹ 39	18 ¹⁸ 48	T 11
F 12	9 26 32	22 ⁵⁴ 42	6 ⁶ Ω53	10 ¹⁰ 46	6 ⁶ 20	29 ²⁹ 51	1 ³⁹	17 ¹⁷ 28	12 ¹² 48	28 ²⁸ 21	20 ²⁰ 45	19 ¹⁹ 1	20 ²⁰ 27	11 ¹¹ 45	18 ¹⁸ 50	F 12
S 13	9 30 29	23 ⁵⁵ 21	21 ²¹ 1	11 ¹¹ 58	7 ⁷ 18	0 ⁰ 24	1 ³⁹	17 ¹⁷ 35	12 ¹² 46	28 ²⁸ 22	20 ²⁰ 45	19 ¹⁹ R 2	20 ²⁰ 24	11 ¹¹ 52	18 ¹⁸ 52	S 13
S 14	9 34 25	24 ⁵⁵ 57	5 ⁵ II 5	13 ¹³ 3	8 ⁸ 16	0 ⁰ 57	1 ⁴⁰	17 ¹⁷ 43	12 ¹² 43	28 ²⁸ 24	20 ²⁰ 46	19 ¹⁹ 2	20 ²⁰ 21	11 ¹¹ 58	18 ¹⁸ 55	S 14
M15	9 38 22	25 ⁵⁶ 32	19 ¹⁹ 5	14 ¹⁴ 1	9 ⁹ 15	1 ²⁹	1 ⁴⁰	17 ¹⁷ 50	12 ¹² 41	28 ²⁸ 25	20 ²⁰ 46	18 ¹⁸ 59	20 ²⁰ 18	12 ¹² 5	18 ¹⁸ 57	M15
T 16	9 42 18	26 ⁵⁷ 05	2 ² Ω59	14 ¹⁴ 50	10 ¹⁰ 14	2 ² 1	1 ⁴⁰	17 ¹⁷ 57	12 ¹² 38	28 ²⁸ 26	20 ²⁰ 46	18 ¹⁸ 54	20 ²⁰ 14	12 ¹² 12	19 ¹⁹ 0	T 16
W17	9 46 15	27 ⁵⁷ 36	16 ¹⁶ 46	15 ¹⁵ 32	11 ¹¹ 14	2 ² 34	1 ⁴⁰	18 ¹⁸ 4	12 ¹² 36	28 ²⁸ 27	20 ²⁰ 46	18 ¹⁸ 48	20 ²⁰ 11	12 ¹² 18	19 ¹⁹ 2	W17
T 18	9 50 12	28 ⁵⁸ 05	0 ⁰ Ω23	16 ¹⁶ 4	12 ¹² 14	3 ³ 6	1 ³⁹	18 ¹⁸ 11	12 ¹² 33	28 ²⁸ 29	20 ²⁰ 47	18 ¹⁸ 39	20 ²⁰ 8	12 ¹² 25	19 ¹⁹ 5	T 18
F 19	9 54 8	29 ⁵⁸ 33	13 ¹³ 48	16 ¹⁶ 26	13 ¹³ 14	3 ³ 38	1 ³⁹	18 ¹⁸ 18	12 ¹² 31	28 ²⁸ 30	20 ²⁰ 47	18 ¹⁸ 31	20 ²⁰ 5	12 ¹² 32	19 ¹⁹ 8	F 19
S 20	9 58 5	0 ⁰ 18 ⁵⁸ 59	26 ²⁶ 58	16 ¹⁶ 39	14 ¹⁴ 15	4 ⁴ 10	1 ³⁸	18 ¹⁸ 25	12 ¹² 28	28 ²⁸ 31	20 ²⁰ 47	18 ¹⁸ 22	20 ²⁰ 2	12 ¹² 38	19 ¹⁹ 10	S 20
S 21	10 2 1	1 ⁵⁹ 23	9 ⁹ II 53	16 ¹⁶ R41	15 ¹⁵ 16	4 ⁴ 42	1 ³⁷	18 ¹⁸ 33	12 ¹² 26	28 ²⁸ 33	20 ²⁰ 48	18 ¹⁸ 15	19 ¹⁹ 59	12 ¹² 45	19 ¹⁹ 13	S 21
M22	10 5 58	2 ⁵⁹ 45	22 ²² 32	16 ¹⁶ 34	16 ¹⁶ 18	5 ⁵ 14	1 ³⁶	18 ¹⁸ 40	12 ¹² 23	28 ²⁸ 34	20 ²⁰ 48	18 ¹⁸ 10	19 ¹⁹ 55	12 ¹² 52	19 ¹⁹ 16	M22
T 23	10 9 54	4 ⁶⁰ 06	4 ⁴ Ω55	16 ¹⁶ 16	17 ¹⁷ 19	5 ⁵ 45	1 ³⁵	18 ¹⁸ 47	12 ¹² 21	28 ²⁸ 36	20 ²⁰ 49	18 ¹⁸ 7	19 ¹⁹ 52	12 ¹² 58	19 ¹⁹ 19	T 23
W24	10 13 51	5 ⁶¹ 025	17 ¹⁷ 4	15 ¹⁵ 50	18 ¹⁸ 22	6 ⁶ 17	1 ³³	18 ¹⁸ 54	12 ¹² 19	28 ²⁸ 37	20 ²⁰ 49	18 ¹⁸ D 6	19 ¹⁹ 49	13 ¹³ 5	19 ¹⁹ 22	W24
T 25	10 17 47	6 ⁶² 043	29 ²⁹ 2	15 ¹⁵ 14	19 ¹⁹ 24	6 ⁶ 48	1 ³¹	19 ¹⁹ 1	12 ¹² 16	28 ²⁸ 39	20 ²⁰ 49	18 ¹⁸ 6	19 ¹⁹ 46	13 ¹³ 12	19 ¹⁹ 24	T 25
F 26	10 21 44	7 ⁶³ 100	10 ¹⁰ M53	14 ¹⁴ 31	20 ²⁰ 27	7 ⁷ 19	1 ³⁰	19 ¹⁹ 8	12 ¹² 14	28 ²⁸ 40	20 ²⁰ 50	18 ¹⁸ 8	19 ¹⁹ 43	13 ¹³ 18	19 ¹⁹ 27	F 26
S 27	10 25 40	8 ⁶⁴ 115	22 ²² 41	13 ¹³ 42	21 ²¹ 30	7 ⁷ 50	1 ²⁷	19 ¹⁹ 15	12 ¹² 12	28 ²⁸ 42	20 ²⁰ 50	18 ¹⁸ 9	19 ¹⁹ 40	13 ¹³ 25	19 ¹⁹ 30	S 27
S 28	10 29 37	9 ⁶⁵ 128	4 ⁴ 18 ⁵⁸ 32	12 ¹² 18 ⁵⁸ 46	22 ²² 33	8 ⁸ 21	1 ¹⁴ 25	19 ¹⁹ 22	12 ¹² Ω 9	28 ²⁸ Y43	20 ²⁰ Ω51	18 ¹⁸ R10	19 ¹⁹ Y36	13 ¹³ M32	19 ¹⁹ Y33	S 28

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
M 1	17s16	25s31	3s48	15s 9	1s30	18s55	4n30	17s43	1n 2	10s41	1n21	16s53	0s55	17n31	0n42	9n12	1s44	3n56	14s31	7n55	8n13	16s38	8n 4	0n54	
T 2	16 59	27 33	4 25	14 27	1 23	19 0	4 26	17 52	1 2	10 42	1 21	16 51	0 55	17 32	0 42	9 13	1 44	3 56	14 30	7 53	8 12	16 41	8 4	0 54	
W 3	16 42	28 15	4 50	13 45	1 15	19 4	4 22	18 1	1 1	10 42	1 21	16 49	0 55	17 33	0 42	9 13	1 44	3 56	14 30	7 50	8 11	16 43	8 5	0 54	
T 4	16 24	27 29	5 2	13 1	1 7	19 9	4 19	18 9	1 1	10 43	1 22	16 47	0 56	17 34	0 42	9 13	1 44	3 57	14 30	7 46	8 9	16 46	8 6	0 53	
F 5	16 6	25 11	4 59	12 17	0 58	19 13	4 15	18 18	1 0	10 43	1 22	16 45	0 56	17 34	0 42	9 14	1 44	3 57	14 29	7 41	8 8	16 49	8 6	0 53	
S 6	15 48	21 28	4 39	11 33	0 48	19 17	4 11	18 26	1 0	10 44	1 22	16 43	0 56	17 35	0 42	9 14	1 44	3 57	14 29	7 37	8 7	16 52	8 7	0 53	
S 7	15 30	16 32	4 3	10 48	0 37	19 21	4 6	18 34	0 59	10 44	1 22	16 41	0 56	17 36	0 42	9 15	1 44	3 58	14 29	7 33	8 6	16 55	8 8	0 53	
M 8	15 11	10 39	3 11	10 3	0 26	19 24	4 2	18 42	0 59	10 44	1 22	16 38	0 56	17 37	0 42	9 15	1 44	3 58	14 28	7 30	8 5	16 58	8 9	0 53	
T 9	14 52	4 11	2 8	9 18	0 14	19 27	3 58	18 50	0 58	10 45	1 23	16 36	0 56	17 37	0 42	9 15	1 44	3 58	14 28	7 28	8 3	17 1	8 9	0 53	
W10	14 33	2n32	0 56	8 34	0 1	19 30	3 53	18 58	0 58	10 45	1 23	16 34	0 56	17 38	0 42	9 16	1 44	3 59	14 28	7 27	8 2	17 4	8 10	0 53	
T 11	14 13	9 9	0n20	7 50	0n12	19 32	3 49	19 5	0 57	10 45	1 23	16 32	0 56	17 39	0 42	9 16	1 44	3 59	14 27	7 27	8 1	17 6	8 11	0 53	
F 12	13 53	15 18	1 34	7 8	0 26	19 34	3 44	19 13	0 57	10 45	1 23	16 30	0 56	17 39	0 42	9 17	1 44	3 59	14 27	7 27	8 0	17 9	8 12	0 52	
S 13	13 33	20 38	2 43	6 27	0 41	19 36	3 40	19 20	0 56	10 45	1 24	16 28	0 56	17 40	0 42	9 17	1 44	4 0	14 27	7 28	7 59	17 12	8 12	0 52	
S 14	13 13	24 47	3 41	5 48	0 56	19 37	3 35	19 28	0 55	10 45	1 24	16 26	0 56	17 41	0 42	9 18	1 44	4 0	14 26	7 27	7 57	17 15	8 13	0 52	
M15	12 53	27 26	4 26	5 12	1 12	19 38	3 30	19 35	0 55	10 45	1 24	16 24	0 56	17 42	0 42	9 18	1 44	4 1	14 26	7 26	7 56	17 18	8 14	0 52	
T 16	12 32	28 20	4 55	4 38	1 27	19 39	3 25	19 42	0 54	10 45	1 24	16 21	0 56	17 42	0 42	9 19	1 44	4 1	14 26	7 25	7 55	17 21	8 15	0 52	
W17	12 11	27 28	5 6	4 8	1 43	19 39	3 21	19 49	0 54	10 44	1 25	16 19	0 56	17 43	0 42	9 19	1 44	4 1	14 25	7 22	7 54	17 23	8 16	0 52	
T 18	11 51	24 58	5 0	3 41	1 59	19 39	3 16	19 56	0 53	10 44	1 25	16 17	0 57	17 44	0 42	9 20	1 43	4 2	14 25	7 19	7 53	17 26	8 17	0 52	
F 19	11 29	21 7	4 38	3 18	2 14	19 38	3 11	20 2	0 52	10 44	1 25	16 15	0 57	17 44	0 42	9 20	1 43	4 2	14 25	7 16	7 51	17 29	8 18	0 52	
S 20	11 8	16 18	4 0	3 0	2 29	19 37	3 6	20 9	0 52	10 43	1 25	16 13	0 57	17 45	0 42	9 21	1 43	4 2	14 24	7 12	7 50	17 32	8 18	0 52	
S 21	10 46	10 49	3 11	2 46	2 43	19 35	3 1	20 15	0 51	10 43	1 25	16 11	0 57	17 46	0 42	9 21	1 43	4 3	14 24	7 10	7 49	17 35	8 19	0 51	
M22	10 25	5 1	2 14	2 36	2 56	19 33	2 56	20 22	0 50	10 42	1 26	16 9	0 57	17 47	0 42	9 22	1 43	4 3	14 24	7 8	7 48	17 38	8 20	0 51	
T 23	10 3	0s52	1 11	2 32	3 8	19 31	2 51	20 28	0 50	10 41	1 26	16 7	0 57	17 47	0 42	9 22	1 43	4 4	14 24	7 7	7 47	17 40	8 21	0 51	
W24	9 41	6 37	0 6	2 33	3 18	19 28	2 46	20 34	0 49	10 41	1 26	16 5	0 57	17 48	0 42	9 23	1 43	4 4	14 23	7 6	7 45	17 43	8 22	0 51	
T 25	9 19	12 3	0s59	2 38	3 27	19 24	2 40	20 40	0 48	10 40	1 26	16 2	0 57	17 49	0 42	9 24	1 43	4 5	14 23	7 6	7 44	17 46	8 23	0 51	
F 26	8 57	17 1	2 1	2 48	3 34	19 20	2 35	20 46	0 47	10 39	1 26	16 0	0 57	17 49	0 42	9 24	1 43	4 5	14 23	7 7	7 43	17 49	8 24	0 51	
S 27	8 34	21 18	2 57	3 3	3 39	19 16	2 30	20 52	0 47	10 38	1 27	15 58	0 57	17 50	0 42	9 25	1 43	4 5	14 22	7 8	7 42	17 52	8 25	0 51	
S 28	8s12	24s46	3s46	3s21	3n42	19s11	2n25	20s58	0n46	10s37	1n27	15s56	0s57	17n50	0n42	9n25	1s43	4n 6	14s22	7n 8	7n41	17s54	8n26	0n51	

ASTRODIENST EPHEMERIS for the year 1875

geocentric

MARCH 1875

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 33 34	10 ^h 14'	16 ^h 31'	11 ^h 47'	23 ^h 37'	8 ^h 52'	1 ^h 23'	19 ^h 29'	12 ^h 7'	28 ^h 45'	20 ^h 51'	18 ^h 10'	19 ^h 33'	13 ^h 38'	19 ^h 36'	M 1
T 2	10 37 30	11 ^h 15'	28 ^h 42'	10 ^h 46'	24 ^h 41'	9 ^h 23'	1 ^h 20'	19 ^h 35'	12 ^h 5'	28 ^h 47'	20 ^h 52'	18 ^h 9'	19 ^h 30'	13 ^h 45'	19 ^h 39'	T 2
W 3	10 41 27	12 ^h 20'	11 ^h 31'	9 ^h 44'	25 ^h 45'	9 ^h 53'	1 ^h 17'	19 ^h 42'	12 ^h 3'	28 ^h 48'	20 ^h 53'	18 ^h 5'	19 ^h 27'	13 ^h 52'	19 ^h 42'	W 3
T 4	10 45 23	13 ^h 20'	24 ^h 0'	8 ^h 42'	26 ^h 50'	10 ^h 24'	1 ^h 14'	19 ^h 49'	12 ^h 1'	28 ^h 50'	20 ^h 53'	18 ^h 1'	19 ^h 24'	13 ^h 58'	19 ^h 45'	T 4
F 5	10 49 20	14 ^h 21'	7 ^h 13'	7 ^h 42'	27 ^h 54'	10 ^h 54'	1 ^h 11'	19 ^h 56'	11 ^h 58'	28 ^h 52'	20 ^h 54'	17 ^h 55'	19 ^h 20'	14 ^h 5'	19 ^h 49'	F 5
S 6	10 53 16	15 ^h 21'	20 ^h 50'	6 ^h 45'	28 ^h 59'	11 ^h 24'	1 ^h 8'	20 ^h 3'	11 ^h 56'	28 ^h 53'	20 ^h 54'	17 ^h 50'	19 ^h 17'	14 ^h 12'	19 ^h 52'	S 6
S 7	10 57 13	16 ^h 21'	4 ^h 48'	5 ^h 53'	0 ^h 44'	11 ^h 54'	1 ^h 4'	20 ^h 10'	11 ^h 54'	28 ^h 55'	20 ^h 55'	17 ^h 45'	19 ^h 14'	14 ^h 18'	19 ^h 55'	S 7
M 8	11 1 9	17 ^h 21'	19 ^h 5'	5 ^h 5'	1 ^h 9'	12 ^h 24'	1 ^h 1'	20 ^h 16'	11 ^h 52'	28 ^h 57'	20 ^h 56'	17 ^h 41'	19 ^h 11'	14 ^h 25'	19 ^h 58'	M 8
T 9	11 5 6	18 ^h 21'	3 ^h 35'	4 ^h 23'	2 ^h 15'	12 ^h 53'	0 ^h 57'	20 ^h 23'	11 ^h 50'	28 ^h 59'	20 ^h 56'	17 ^h 39'	19 ^h 8'	14 ^h 32'	20 ^h 1'	T 9
W10	11 9 3	19 ^h 21'	2 ^h 7'	3 ^h 47'	3 ^h 21'	13 ^h 23'	0 ^h 53'	20 ^h 30'	11 ^h 48'	29 ^h 1'	20 ^h 57'	17 ^h 38'	19 ^h 5'	14 ^h 38'	20 ^h 5'	W10
T 11	11 12 59	20 ^h 20'	2 ^h 8'	3 ^h 17'	4 ^h 27'	13 ^h 52'	0 ^h 49'	20 ^h 36'	11 ^h 46'	29 ^h 2'	20 ^h 58'	17 ^h 39'	19 ^h 1'	14 ^h 45'	20 ^h 8'	T 11
F 12	11 16 56	21 ^h 20'	1 ^h 21'	2 ^h 54'	5 ^h 33'	14 ^h 21'	0 ^h 44'	20 ^h 43'	11 ^h 45'	29 ^h 4'	20 ^h 59'	17 ^h 40'	18 ^h 58'	14 ^h 52'	20 ^h 11'	F 12
S 13	11 20 52	22 ^h 15'	1 ^h 44'	2 ^h 37'	6 ^h 39'	14 ^h 50'	0 ^h 40'	20 ^h 49'	11 ^h 43'	29 ^h 6'	20 ^h 59'	17 ^h 41'	18 ^h 55'	14 ^h 58'	20 ^h 15'	S 13
S 14	11 24 49	23 ^h 13'	1 ^h 56'	2 ^h 27'	7 ^h 45'	15 ^h 18'	0 ^h 35'	20 ^h 56'	11 ^h 41'	29 ^h 8'	21 ^h 0'	17 ^h 42'	18 ^h 52'	15 ^h 5'	20 ^h 18'	S 14
M15	11 28 45	24 ^h 12'	2 ^h 29'	2 ^h 23'	8 ^h 52'	15 ^h 47'	0 ^h 30'	21 ^h 2'	11 ^h 39'	29 ^h 10'	21 ^h 1'	17 ^h 42'	18 ^h 49'	15 ^h 12'	20 ^h 21'	M15
T 16	11 32 42	25 ^h 10'	1 ^h 36'	2 ^h 25'	9 ^h 59'	16 ^h 15'	0 ^h 25'	21 ^h 9'	11 ^h 37'	29 ^h 12'	21 ^h 2'	17 ^h 41'	18 ^h 46'	15 ^h 18'	20 ^h 25'	T 16
W17	11 36 38	26 ^h 04'	2 ^h 7'	2 ^h 33'	11 ^h 6'	16 ^h 43'	0 ^h 20'	21 ^h 15'	11 ^h 36'	29 ^h 14'	21 ^h 2'	17 ^h 39'	18 ^h 42'	15 ^h 25'	20 ^h 28'	W17
T 18	11 40 35	27 ^h 02'	1 ^h 8'	2 ^h 47'	12 ^h 13'	17 ^h 11'	0 ^h 15'	21 ^h 21'	11 ^h 34'	29 ^h 16'	21 ^h 3'	17 ^h 37'	18 ^h 39'	15 ^h 32'	20 ^h 32'	T 18
F 19	11 44 32	28 ^h 00'	2 ^h 31'	3 ^h 6'	13 ^h 20'	17 ^h 39'	0 ^h 10'	21 ^h 28'	11 ^h 33'	29 ^h 18'	21 ^h 4'	17 ^h 33'	18 ^h 36'	15 ^h 38'	20 ^h 35'	F 19
S 20	11 48 28	28 ^h 59'	3 ^h 6'	3 ^h 30'	14 ^h 27'	18 ^h 6'	0 ^h 4'	21 ^h 34'	11 ^h 31'	29 ^h 20'	21 ^h 5'	17 ^h 31'	18 ^h 33'	15 ^h 45'	20 ^h 39'	S 20
S 21	11 52 25	29 ^h 59'	3 ^h 8'	3 ^h 58'	15 ^h 35'	18 ^h 33'	29 ^h 25'	21 ^h 40'	11 ^h 30'	29 ^h 22'	21 ^h 6'	17 ^h 28'	18 ^h 30'	15 ^h 52'	20 ^h 42'	S 21
M22	11 56 21	0 ^h 58'	1 ^h 22'	4 ^h 31'	16 ^h 42'	19 ^h 0'	29 ^h 53'	21 ^h 46'	11 ^h 28'	29 ^h 24'	21 ^h 7'	17 ^h 27'	18 ^h 26'	15 ^h 58'	20 ^h 46'	M22
T 23	12 0 18	1 ^h 58'	1 ^h 34'	5 ^h 8'	17 ^h 50'	19 ^h 27'	29 ^h 47'	21 ^h 52'	11 ^h 27'	29 ^h 26'	21 ^h 8'	17 ^h 26'	18 ^h 23'	16 ^h 5'	20 ^h 49'	T 23
W24	12 4 14	2 ^h 57'	2 ^h 15'	5 ^h 49'	18 ^h 58'	19 ^h 54'	29 ^h 41'	21 ^h 58'	11 ^h 25'	29 ^h 28'	21 ^h 9'	17 ^h 26'	18 ^h 20'	16 ^h 12'	20 ^h 53'	W24
T 25	12 8 11	3 ^h 56'	2 ^h 10'	6 ^h 34'	20 ^h 6'	20 ^h 20'	29 ^h 34'	22 ^h 4'	11 ^h 24'	29 ^h 30'	21 ^h 10'	17 ^h 27'	18 ^h 17'	16 ^h 18'	20 ^h 56'	T 25
F 26	12 12 7	4 ^h 56'	1 ^h 0'	7 ^h 23'	21 ^h 14'	20 ^h 46'	29 ^h 28'	22 ^h 10'	11 ^h 23'	29 ^h 32'	21 ^h 11'	17 ^h 28'	18 ^h 14'	16 ^h 25'	21 ^h 0'	F 26
S 27	12 16 4	5 ^h 55'	0 ^h 49'	8 ^h 14'	22 ^h 23'	21 ^h 12'	29 ^h 22'	22 ^h 16'	11 ^h 22'	29 ^h 34'	21 ^h 12'	17 ^h 29'	18 ^h 11'	16 ^h 31'	21 ^h 3'	S 27
S 28	12 20 1	6 ^h 54'	1 ^h 20'	9 ^h 9'	23 ^h 31'	21 ^h 38'	29 ^h 15'	22 ^h 22'	11 ^h 20'	29 ^h 36'	21 ^h 13'	17 ^h 30'	18 ^h 7'	16 ^h 38'	21 ^h 7'	S 28
M29	12 23 57	7 ^h 54'	2 ^h 40'	10 ^h 7'	24 ^h 40'	22 ^h 3'	29 ^h 8'	22 ^h 28'	11 ^h 19'	29 ^h 38'	21 ^h 14'	17 ^h 31'	18 ^h 4'	16 ^h 45'	21 ^h 11'	M29
T 30	12 27 54	8 ^h 53'	2 ^h 48'	11 ^h 7'	25 ^h 48'	22 ^h 28'	29 ^h 2'	22 ^h 34'	11 ^h 18'	29 ^h 41'	21 ^h 15'	17 ^h 31'	18 ^h 1'	16 ^h 51'	21 ^h 14'	T 30
W31	12 31 50	9 ^h 52'	2 ^h 40'	12 ^h 11'	26 ^h 57'	22 ^h 53'	28 ^h 25'	22 ^h 39'	11 ^h 17'	29 ^h 43'	21 ^h 16'	17 ^h 31'	17 ^h 58'	16 ^h 58'	21 ^h 18'	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	7s49	27s11	4s26	3s43	3n43	19s 6	2n20	21s 3	0n45	10s36	1n27	15s54	0s58	17n51	0n42	9n26	1s43	4n 6	14s22	7n 8	7n39	17s57	8n27	0n51					
T 2	7 26	28 21	4 54	4 7	3 41	19 0	2 15	21 9	0 44	10 35	1 27	15 52	0 58	17 52	0 42	9 27	1 43	4 7	14 21	7 7	7 38	18 0	8 28	0 51					
W 3	7 3	28 7	5 9	4 34	3 38	18 53	2 9	21 14	0 43	10 34	1 27	15 50	0 58	17 52	0 42	9 27	1 43	4 7	14 21	7 6	7 37	18 3	8 30	0 50					
T 4	6 40	26 24	5 10	5 2	3 32	18 47	2 4	21 19	0 43	10 33	1 28	15 48	0 58	17 53	0 42	9 28	1 43	4 8	14 21	7 4	7 36	18 5	8 31	0 50					
F 5	6 17	23 13	4 54	5 31	3 25	18 39	1 59	21 24	0 42	10 31	1 28	15 46	0 58	17 53	0 42	9 29	1 43	4 8	14 20	7 2	7 35	18 8	8 32	0 50					
S 6	5 54	18 42	4 22	6 0	3 16	18 31	1 54	21 29	0 41	10 30	1 28	15 44	0 58	17 54	0 42	9 29	1 43	4 8	14 20	7 0	7 33	18 11	8 33	0 50					
S 7	5 31	13 4	3 33	6 29	3 5	18 23	1 49	21 34	0 40	10 29	1 28	15 42	0 58	17 55	0 42	9 30	1 43	4 9	14 20	6 58	7 32	18 14	8 34	0 50					
M 8	5 7	6 37	2 30	6 58	2 54	18 14	1 44	21 39	0 39	10 27	1 28	15 40	0 58	17 55	0 42	9 31	1 43	4 9	14 20	6 57	7 31	18 17	8 35	0 50					
T 9	4 44	0n15	1 16	7 25	2 41	18 4	1 39	21 44	0 38	10 26	1 29	15 38	0 58	17 56	0 42	9 31	1 43	4 10	14 19	6 56	7 30	18 19	8 36	0 50					
W10	4 21	7 11	0n 3	7 50	2 27	17 54	1 33	21 49	0 37	10 24	1 29	15 36	0 58	17 56	0 42	9 32	1 43	4 10	14 19	6 56	7 29	18 22	8 37	0 50					
T 11	3 57	13 45	1 22	8 14	2 13	17 44	1 28	21 53	0 36	10 23	1 29	15 34	0 59	17 57	0 42	9 33	1 43	4 11	14 19	6 56	7 27	18 25	8 38	0 50					
F 12	3 33	19 31	2 36	8 36	1 59	17 33	1 23	21 57	0 35	10 21	1 29	15 32	0 59	17 57	0 42	9 33	1 43	4 11	14 18	6 56	7 26	18 28	8 40	0 50					
S 13	3 10	24 6	3 39	8 55	1 44	17 22	1 18	22 2	0 34	10 19	1 29	15 30	0 59	17 58	0 42	9 34	1 43	4 12	14 18	6 57	7 25	18 30	8 41	0 49					
S 14	2 46	27 9	4 28	9 13	1 30	17 10	1 13	22 6	0 33	10 17	1 29	15 28	0 59	17 58	0 42	9 35	1 42	4 12	14 18	6 57	7 24	18 33	8 42	0 49					
M15	2 23	28 27	5 0	9 28	1 15	16 57	1 8	22 10	0 32	10 16	1 30	15 26	0 59	17 59	0 42	9 35	1 42	4 12	14 18	6 57	7 22	18 36	8 43	0 49					
T 16	1 59	27 58	5 14	9 41	1 1	16 44	1 1	22 14	0 31	10 14	1 30	15 24	0 59	17 59	0 42	9 36	1 42	4 13	14 17	6 57	7 21	18 38	8 44	0 49					
W17	1 35	25 50	5 11	9 51	0 46	16 31	0 59	22 18	0 30	10 12	1 30	15 22	0 59	17 59	0 42	9 37	1 42	4 13	14 17	6 56	7 20	18 41	8 46	0 49					
T 18	1 11	22 20	4 51	9 59	0 33	16 17	0 54	22 22	0 29	10 10	1 30	15 20	0 59	18 0	0 42	9 37	1 42	4 14	14 17	6 55	7 19	18 44	8 47	0 49					
F 19	0 48	17 47	4 16	10 5	0 19	16 3	0 49	22 26	0 27	10 8	1 30	15 18	0 59	18 0	0 42	9 38	1 42	4 14	14 16	6 54	7 18	18 47	8 48	0 49					
S 20	0 24	12 31	3 29	10 8	0 6	15 48	0 44	22 29	0 26	10 6	1 30	15 16	1 0	18 1	0 42	9 39	1 42	4 15	14 16	6 53	7 16	18 49	8 49	0 49					
S 21	0 0	6 49	2 32	10 10	0s 7	15 33	0 39	22 33	0 25	10 4	1 30	15 14	1 0	18 1	0 42	9 40	1 42	4 15	14 16	6 52	7 15	18 52	8 51	0 49					
M22	0n23	0 57	1 29	10 9	0 19	15 17	0 35	22 36	0 24	10 1	1 31	15 12	1 0	18 1	0 42	9 40	1 42	4 16	14 16	6 51	7 14	18 55	8 52	0 49					
T 23	0 47	4s52	0 23	10 6	0 31	15 1	0 30	22 40	0 23	9 59	1 31	15 10	1 0	18 2	0 42	9 41	1 42	4 16	14 15	6 51	7 13	18 57	8 53	0 49					
W24	1 11	10 27	0s43	10 2	0 42	14 45	0 26	22 43	0 21	9 57	1 31	15 9	1 0	18 2	0 42	9 42	1 42	4 17	14 15	6 51	7 12	19 0	8 54	0 48					
T 25	1 34	15 36	1 47	9 55	0 52	14 28	0 21	22 46	0 20	9 55	1 31	15 7	1 0	18 3	0 42	9 43	1 42	4 17	14 15	6 51	7 10	19 3	8 56	0 48					
F 26	1 58	20 9	2 46	9 46	1 3	14 10	0 17	22 50	0 19	9 52	1 31	15 5	1 0	18 3	0 42	9 43	1 42	4 18	14 15	6 52	7 9	19 5	8 57	0 48					
S 27	2 21	23 53	3 38	9 36	1 12	13 52	0 12	22 53	0 17	9 50	1 31	15 3	1 1	18 3	0 42	9 44	1 42	4 18	14 14	6 52	7 8	19 8	8 58	0 48					
S 28	2 45	26 38	4 21	9 24	1 21	13 34	0 8	22 56	0 16	9 48	1 31	15 1	1 1	18 3	0 42	9 45	1 42	4 19	14 14	6 53	7 7	19 11	8 59	0 48					
M29	3 8	28 13	4 52	9 10	1 30	13 15	0 4	22 59	0 14	9 45	1 31	15 0	1 1	18 4	0 42	9 46	1 42	4 19	14 14	6 53	7 6	19 13	9 1	0 48					
T 30	3 32	28 28	5 12	8 54	1 38	12 56	0s 1	23 2	0 13	9 43	1 31	14 58	1 1	18 4	0 42	9 46	1 42	4 19	14 14	6 53	7 4	19 16	9 2	0 48					
W31	3n55	27s18	5s17	8s37	1s45	12s37	0s 5	23s 5	0n12	9s40	1n32	14s56	1s 1	18n 4	0n42	9n47	1s42	4n20	14s14	6n53	7n 3	19s19	9n 3	0n48					

ASTRODIENST EPHEMERIS for the year 1875

geocentric

APRIL 1875

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 35 47	10°51'51	2°00	13°16	28°06	23°18	28°R48	22°45	11°R16	29°V45	21°R17	17°R31	17°V55	17°M 5	21°V22	T 1
F 2	12 39 43	11°51'00	15°10	14°24	29°15	23°42	28°A41	22°51	11°R15	29°47	21°18	17°V30	17°51	17°11	21°25	F 2
S 3	12 43 40	12°50'08	28°46	15°35	0°X24	24° 6	28°34	22°56	11°15	29°49	21°19	17°29	17°48	17°18	21°29	S 3
S 4	12 47 36	13°49'14	12°48	16°47	1°33	24°29	28°27	23° 1	11°14	29°51	21°20	17°29	17°45	17°25	21°33	S 4
M 5	12 51 33	14°48'18	27°13	18° 2	2°42	24°53	28°20	23° 7	11°13	29°54	21°21	17°29	17°42	17°31	21°36	M 5
T 6	12 55 30	15°47'19	11°V58	19°19	3°51	25°16	28°12	23°12	11°12	29°56	21°22	17°D29	17°39	17°38	21°40	T 6
W 7	12 59 26	16°46'19	26°55	20°37	5° 1	25°38	28° 5	23°17	11°12	29°58	21°23	17°29	17°36	17°45	21°44	W 7
T 8	13 3 23	17°45'17	11°B56	21°58	6°10	26° 1	27°57	23°23	11°11	0° 0	21°25	17°R29	17°32	17°51	21°47	T 8
F 9	13 7 19	18°44'13	26°53	23°20	7°20	26°23	27°50	23°28	11°10	0° 2	21°26	17°28	17°29	17°58	21°51	F 9
S 10	13 11 16	19°43'07	11°II38	24°45	8°29	26°44	27°42	23°33	11°10	0° 5	21°27	17°28	17°26	18° 5	21°55	S 10
S 11	13 15 12	20°41'58	26° 6	26°11	9°39	27° 5	27°35	23°38	11° 9	0° 7	21°28	17°28	17°23	18°11	21°58	S 11
M12	13 19 9	21°40'47	10°E12	27°39	10°49	27°26	27°27	23°43	11° 9	0° 9	21°29	17°28	17°20	18°18	22° 2	M12
T 13	13 23 5	22°39'34	23°56	29° 8	11°59	27°47	27°20	23°48	11° 9	0°11	21°30	17°D28	17°17	18°25	22° 6	T 13
W14	13 27 2	23°38'18	7°R19	0°V39	13° 9	28° 7	27°12	23°52	11° 8	0°14	21°32	17°28	17°13	18°31	22°10	W14
T 15	13 30 59	24°37'00	20°21	2°12	14°19	28°27	27° 4	23°57	11° 8	0°16	21°33	17°28	17°10	18°38	22°13	T 15
F 16	13 34 55	25°35'40	3°M 5	3°47	15°29	28°46	26°57	24° 2	11° 8	0°18	21°34	17°29	17° 7	18°45	22°17	F 16
S 17	13 38 52	26°34'18	15°35	5°23	16°39	29° 5	26°49	24° 6	11° 8	0°20	21°35	17°30	17° 4	18°51	22°21	S 17
S 18	13 42 48	27°32'53	27°52	7° 1	17°49	29°24	26°41	24°11	11° 8	0°23	21°37	17°31	17° 1	18°58	22°24	S 18
M19	13 46 45	28°31'27	9°A59	8°41	18°59	29°42	26°34	24°15	11°D 8	0°25	21°38	17°31	16°57	19° 5	22°28	M19
T 20	13 50 41	29°29'58	21°59	10°22	20° 9	29°59	26°26	24°19	11° 8	0°27	21°39	17°R31	16°54	19°11	22°32	T 20
W21	13 54 38	0°B28'28	3°M53	12° 5	21°20	0°B17	26°18	24°24	11° 8	0°29	21°40	17°31	16°51	19°18	22°35	W21
T 22	13 58 34	1°26'55	15°43	13°49	22°30	0°33	26°11	24°28	11° 8	0°32	21°42	17°30	16°48	19°25	22°39	T 22
F 23	14 2 31	2°25'21	27°33	15°36	23°41	0°50	26° 3	24°32	11° 8	0°34	21°43	17°28	16°45	19°31	22°43	F 23
S 24	14 6 28	3°23'45	9°A23	17°24	24°51	1° 6	25°56	24°36	11° 9	0°36	21°44	17°25	16°42	19°38	22°46	S 24
S 25	14 10 24	4°22'08	21°17	19°13	26° 2	1°21	25°48	24°40	11° 9	0°38	21°46	17°23	16°38	19°45	22°50	S 25
M26	14 14 21	5°20'29	3°B18	21° 5	27°12	1°36	25°41	24°44	11° 9	0°41	21°47	17°20	16°35	19°51	22°54	M26
T 27	14 18 17	6°18'48	15°28	22°58	28°23	1°50	25°33	24°48	11°10	0°43	21°48	17°18	16°32	19°58	22°57	T 27
W28	14 22 14	7°17'06	27°53	24°52	29°34	2° 4	25°26	24°51	11°10	0°45	21°49	17°17	16°29	20° 5	23° 1	W28
T 29	14 26 10	8°15'22	10°A35	26°49	0°V44	2°17	25°18	24°55	11°11	0°48	21°51	17°D17	16°26	20°11	23° 5	T 29
F 30	14 30 7	9°B13'37	23°A39	28°V47	1°V55	2°B30	25°A11	24°A58	11°R11	0°50	21°52	17°V17	16°V23	20°M18	23°V 8	F 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	
T 1	4n18	24s43	5s 7	8s18	1s52	12s17	0s 9	23s 7	0n10	9s38	1n32	14s54	1s 1	18n 5	0n42	T 1
F 2	4 41	20 46	4 41	7 58	1 59	11 57	0 13	23 10	0 8	9 35	1 32	14 53	1 1	18 5	0 42	F 2
S 3	5 4	15 38	3 59	7 36	2 5	11 36	0 17	23 13	0 7	9 33	1 32	14 51	1 1	18 5	0 42	S 3
S 4	5 27	9 33	3 1	7 13	2 10	11 15	0 21	23 15	0 5	9 30	1 32	14 49	1 2	18 5	0 41	S 4
M 5	5 50	2 48	1 50	6 48	2 15	10 54	0 25	23 18	0 4	9 27	1 32	14 48	1 2	18 5	0 41	M 5
T 6	6 13	4n16	0 31	6 22	2 19	10 32	0 28	23 20	0 2	9 25	1 32	14 46	1 2	18 5	0 41	T 6
W 7	6 36	11 12	0n52	5 54	2 23	10 11	0 32	23 23	0 0	9 22	1 32	14 45	1 2	18 6	0 41	W 7
T 8	6 58	17 31	2 12	5 26	2 26	9 48	0 36	23 25	0s 2	9 19	1 32	14 43	1 2	18 6	0 41	T 8
F 9	7 21	22 45	3 22	4 55	2 29	9 26	0 39	23 28	0 3	9 17	1 32	14 41	1 2	18 6	0 41	F 9
S 10	7 43	26 27	4 18	4 24	2 31	9 3	0 42	23 30	0 5	9 14	1 32	14 40	1 3	18 6	0 41	S 10
S 11	8 5	28 20	4 56	3 51	2 33	8 40	0 46	23 33	0 7	9 11	1 32	14 38	1 3	18 6	0 41	S 11
M12	8 27	28 18	5 15	3 18	2 34	8 16	0 49	23 35	0 9	9 9	1 32	14 37	1 3	18 6	0 41	M12
T 13	8 49	26 31	5 15	2 42	2 35	7 53	0 52	23 37	0 11	9 6	1 32	14 35	1 3	18 6	0 41	T 13
W14	9 11	23 16	4 59	2 6	2 35	7 29	0 55	23 39	0 13	9 3	1 32	14 34	1 3	18 6	0 41	W14
T 15	9 33	18 56	4 27	1 29	2 34	7 5	0 58	23 42	0 15	9 0	1 32	14 33	1 3	18 6	0 41	T 15
F 16	9 54	13 50	3 42	0 51	2 34	6 40	1 1	23 44	0 17	8 58	1 32	14 31	1 3	18 6	0 41	F 16
S 17	10 15	8 16	2 48	0 11	2 32	6 16	1 4	23 46	0 19	8 55	1 32	14 30	1 4	18 6	0 41	S 17
S 18	10 37	2 29	1 47	0n29	2 30	5 51	1 7	23 49	0 21	8 52	1 32	14 28	1 4	18 6	0 41	S 18
M19	10 57	3s19	0 42	1 11	2 28	5 26	1 10	23 51	0 23	8 50	1 32	14 27	1 4	18 6	0 41	M19
T 20	11 18	8 57	0s25	1 53	2 25	5 1	1 12	23 53	0 26	8 47	1 32	14 26	1 4	18 6	0 41	T 20
W21	11 39	14 13	1 29	2 37	2 21	4 35	1 15	23 55	0 28	8 44	1 32	14 25	1 4	18 6	0 41	W21
T 22	11 59	18 57	2 30	3 21	2 17	4 10	1 17	23 58	0 30	8 41	1 32	14 23	1 4	18 6	0 41	T 22
F 23	12 19	22 56	3 24	4 6	2 13	3 44	1 20	24 0	0 33	8 39	1 32	14 22	1 5	18 6	0 41	F 23
S 24	12 39	25 58	4 9	4 52	2 8	3 18	1 22	24 2	0 35	8 36	1 32	14 21	1 5	18 6	0 41	S 24
S 25	12 59	27 53	4 44	5 39	2 2	2 52	1 24	24 4	0 37	8 33	1 31	14 20	1 5	18 6	0 41	S 25
M26	13 19	28 31	5 6	6 26	1 56	2 26	1 26	24 7	0 40	8 31	1 31	14 19	1 5	18 6	0 41	M26
T 27	13 38	27 47	5 15	7 14	1 50	2 0	1 28	24 9	0 42	8 28	1 31	14 18	1 5	18 6	0 41	T 27
W28	13 57	25 40	5 10	8 3	1 43	1 33	1 30	24 12	0 45	8 26	1 31	14 16	1 5	18 5	0 41	W28
T 29	14 16	22 14	4 50	8 52	1 35	1 7	1 32	24 14	0 48	8 23	1 31	14 15	1 6	18 5	0 41	T 29
F 30	14n35	17s39	4s14	9n41	1s27	0s40	1s34	24s16	0s50	8s20	1n31	14s14	1s 6	18n 5	0n41	F 30

Julian Day Number = 2405979.5, Delta T = -1.27 sec

Ecliptic obliquity = 23°27'29", Nutation = - 0°00'05", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°59'53", Lahiri = 22°06'54"

ASTRODIENST EPHEMERIS for the year 1875
geocentric

MAY 1875

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 34 3	10♈11'50	7♋ 7	0♈47	3♊ 6	2♈42	25°R 4	25♈ 2	11♈12	0♈52	21♈53	17♊19	16♊19	20♈25	23♊12	S 1
S 2	14 38 0	11°10'01	21° 1	2°48	4°17	2°54	24♈57	25° 5	11°13	0°54	21°55	17°20	16°16	20°31	23°15	S 2
M 3	14 41 57	12° 8'11	5♊22	4°51	5°28	3° 5	24°50	25° 9	11°13	0°56	21°56	17°21	16°13	20°38	23°19	M 3
T 4	14 45 53	13° 6'20	20° 6	6°56	6°39	3°15	24°42	25°12	11°14	0°59	21°57	17°R22	16°10	20°45	23°22	T 4
W 5	14 49 50	14° 4'27	5♋ 9	9° 1	7°50	3°25	24°36	25°15	11°15	1° 1	21°59	17°21	16° 7	20°51	23°26	W 5
T 6	14 53 46	15° 2'33	20°21	11° 9	9° 1	3°34	24°29	25°18	11°16	1° 3	22° 0	17°18	16° 3	20°58	23°30	T 6
F 7	14 57 43	16° 0'36	5♌34	13°17	10°12	3°43	24°22	25°21	11°17	1° 5	22° 1	17°15	16° 0	21° 5	23°33	F 7
S 8	15 1 39	16°58'39	20°37	15°26	11°23	3°51	24°15	25°24	11°18	1° 8	22° 3	17°11	15°57	21°11	23°37	S 8
S 9	15 5 36	17°56'39	5♍21	17°36	12°34	3°58	24° 9	25°26	11°19	1°10	22° 4	17° 7	15°54	21°18	23°40	S 9
M10	15 9 32	18°54'38	19°41	19°46	13°46	4° 4	24° 2	25°29	11°20	1°12	22° 6	17° 3	15°51	21°25	23°43	M10
T 11	15 13 29	19°52'35	3♎33	21°57	14°57	4°10	23°56	25°32	11°21	1°14	22° 7	17° 1	15°48	21°32	23°47	T 11
W12	15 17 26	20°50'29	16°59	24° 8	16° 8	4°16	23°50	25°34	11°22	1°16	22° 8	17°D 0	15°44	21°38	23°50	W12
T 13	15 21 22	21°48'22	29°59	26°19	17°19	4°20	23°44	25°37	11°23	1°18	22°10	17° 0	15°41	21°45	23°54	T 13
F 14	15 25 19	22°46'14	12♐37	28°29	18°31	4°24	23°38	25°39	11°25	1°21	22°11	17° 1	15°38	21°52	23°57	F 14
S 15	15 29 15	23°44'03	24°57	0♐38	19°42	4°27	23°32	25°41	11°26	1°23	22°12	17° 3	15°35	21°58	24° 0	S 15
S 16	15 33 12	24°41'51	7♐ 4	2°46	20°53	4°30	23°26	25°43	11°28	1°25	22°14	17° 4	15°32	22° 5	24° 4	S 16
M17	15 37 8	25°39'37	19° 2	4°53	22° 5	4°31	23°21	25°45	11°29	1°27	22°15	17°R 5	15°29	22°12	24° 7	M17
T 18	15 41 5	26°37'21	0♑54	6°58	23°16	4°33	23°15	25°47	11°31	1°29	22°16	17° 4	15°25	22°18	24°10	T 18
W19	15 45 1	27°35'04	12°44	9° 2	24°28	4°R33	23°10	25°49	11°32	1°31	22°18	17° 1	15°22	22°25	24°13	W19
T 20	15 48 58	28°32'46	24°33	11° 3	25°39	4°32	23° 5	25°51	11°34	1°33	22°19	16°56	15°19	22°32	24°17	T 20
F 21	15 52 55	29°30'27	6♒24	13° 2	26°51	4°31	23° 0	25°52	11°35	1°35	22°20	16°49	15°16	22°38	24°20	F 21
S 22	15 56 51	0♓28'06	18°18	14°59	28° 2	4°29	22°55	25°54	11°37	1°37	22°22	16°42	15°13	22°45	24°23	S 22
S 23	16 0 48	1°25'44	0♈18	16°53	29°14	4°27	22°50	25°55	11°39	1°39	22°23	16°33	15° 9	22°52	24°26	S 23
M24	16 4 44	2°23'21	12°26	18°45	0♈26	4°23	22°46	25°57	11°41	1°41	22°24	16°25	15° 6	22°58	24°29	M24
T 25	16 8 41	3°20'56	24°42	20°34	1°37	4°19	22°41	25°58	11°42	1°43	22°26	16°18	15° 3	23° 5	24°32	T 25
W26	16 12 37	4°18'31	7♌11	22°20	2°49	4°14	22°37	25°59	11°44	1°45	22°27	16°13	15° 0	23°12	24°35	W26
T 27	16 16 34	5°16'05	19°54	24° 3	4° 1	4° 8	22°33	26° 0	11°46	1°47	22°28	16°10	14°57	23°18	24°38	T 27
F 28	16 20 30	6°13'38	2♋54	25°44	5°12	4° 2	22°29	26° 1	11°48	1°49	22°30	16°D 9	14°54	23°25	24°41	F 28
S 29	16 24 27	7°11'10	16°15	27°21	6°24	3°55	22°25	26° 2	11°50	1°51	22°31	16° 9	14°50	23°32	24°44	S 29
S 30	16 28 24	8° 8'41	29°59	28°56	7°36	3°47	22°21	26° 3	11°52	1°53	22°32	16°10	14°47	23°38	24°47	S 30
M31	16 32 20	9♐ 6'12	14♊ 9	0♈27	8♋48	3♈38	22♈18	26♈ 3	11♈54	1♈55	22♈34	16°R11	14♊44	23♈45	24♊50	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	14n53	12s 3	3s24	10n31	1s19	0s14	1s36	24s19	0s53	8s18	1n31	14s13	1 s 6	18n 5	0n41	10n12	1s42	4n34	14s 9	6n48	6n25	20s39	9n44	0n46	
S 2	15 11	5 42	2 20	11 21	1 10	0n13	1 37	24 21	0 56	8 15	1 31	14 12	1 6	18 5	0 41	10 12	1 42	4 34	14 9	6 49	6 24	20 41	9 45	0 46	
M 3	15 29	1n 8	1 6	12 11	1 1	0 40	1 39	24 24	0 59	8 13	1 31	14 11	1 6	18 4	0 41	10 13	1 42	4 35	14 9	6 49	6 23	20 44	9 46	0 46	
T 4	15 47	8 6	0n15	13 1	0 52	1 7	1 40	24 27	1 2	8 10	1 30	14 11	1 6	18 4	0 41	10 14	1 42	4 35	14 8	6 49	6 22	20 46	9 48	0 46	
W 5	16 5	14 45	1 36	13 51	0 42	1 33	1 41	24 29	1 5	8 8	1 30	14 10	1 7	18 4	0 41	10 15	1 42	4 35	14 8	6 49	6 21	20 49	9 49	0 45	
T 6	16 22	20 36	2 51	14 41	0 32	2 0	1 42	24 32	1 8	8 6	1 30	14 9	1 7	18 4	0 40	10 15	1 42	4 36	14 8	6 48	6 19	20 51	9 50	0 45	
F 7	16 39	25 5	3 54	15 30	0 22	2 27	1 44	24 35	1 11	8 3	1 30	14 8	1 7	18 3	0 40	10 16	1 42	4 36	14 8	6 47	6 18	20 54	9 51	0 45	
S 8	16 55	27 47	4 40	16 18	0 11	2 54	1 45	24 38	1 14	8 1	1 30	14 7	1 7	18 3	0 40	10 17	1 42	4 36	14 8	6 45	6 17	20 56	9 52	0 45	
S 9	17 12	28 27	5 6	17 5	0 1	3 21	1 46	24 41	1 17	7 59	1 30	14 6	1 7	18 3	0 40	10 18	1 42	4 37	14 8	6 44	6 16	20 59	9 54	0 45	
M10	17 28	27 10	5 12	17 51	0n10	3 48	1 46	24 44	1 20	7 57	1 30	14 6	1 8	18 2	0 40	10 18	1 42	4 37	14 8	6 42	6 14	21 1	9 55	0 45	
T 11	17 43	24 14	5 0	18 36	0 20	4 15	1 47	24 47	1 23	7 54	1 29	14 5	1 8	18 2	0 40	10 19	1 42	4 38	14 8	6 41	6 13	21 4	9 56	0 45	
W12	17 59	20 4	4 31	19 19	0 31	4 41	1 48	24 50	1 27	7 52	1 29	14 4	1 8	18 2	0 40	10 20	1 42	4 38	14 8	6 41	6 12	21 6	9 57	0 45	
T 13	18 14	15 4	3 49	20 1	0 41	5 8	1 49	24 53	1 30	7 50	1 29	14 4	1 8	18 1	0 40	10 20	1 42	4 38	14 8	6 41	6 11	21 9	9 59	0 45	
F 14	18 29	9 33	2 57	20 40	0 51	5 35	1 49	24 57	1 34	7 48	1 29	14 3	1 8	18 1	0 40	10 21	1 42	4 39	14 8	6 41	6 10	21 11	10 0	0 45	
S 15	18 43	3 48	1 58	21 17	1 1	6 1	1 49	25 0	1 37	7 46	1 29	14 3	1 8	18 0	0 40	10 22	1 42	4 39	14 8	6 42	6 8	21 14	10 1	0 45	
S 16	18 57	1s59	0 54	21 53	1 10	6 28	1 50	25 3	1 41	7 44	1 28	14 2	1 9	18 0	0 40	10 23	1 42	4 39	14 8	6 43	6 7	21 16	10 2	0 45	
M17	19 11	7 38	0s11	22 25	1 19	6 54	1 50	25 7	1 44	7 43	1 28	14 2	1 9	18 0	0 40	10 23	1 42	4 40	14 8	6 43	6 6	21 18	10 3	0 45	
T 18	19 25	12 58	1 15	22 55	1 27	7 20	1 50	25 10	1 48	7 41	1 28	14 1	1 9	17 59	0 40	10 24	1 42	4 40	14 8	6 42	6 5	21 21	10 4	0 45	
W19	19 38	17 49	2 15	23 23	1 35	7 47	1 50	25 14	1 51	7 39	1 28	14 1	1 9	17 59	0 40	10 25	1 42	4 40	14 8	6 41	6 3	21 23	10 6	0 45	
T 20	19 51	21 58	3 9	23 48	1 42	8 13	1 50	25 18	1 55	7 37	1 28	14 0	1 9	17 58	0 40	10 25	1 42	4 41	14 8	6 39	6 2	21 26	10 7	0 45	
F 21	20 4	25 15	3 55	24 10	1 48	8 38	1 50	25 22	1 59	7 36	1 27	14 0	1 10	17 58	0 40	10 26	1 42	4 41	14 8	6 37	6 1	21 28	10 8	0 45	
S 22	20 16	27 27	4 31	24 30	1 54	9 4	1 50	25 25	2 3	7 34	1 27	13 59	1 10	17 57	0 40	10 27	1 42	4 41	14 8	6 34	6 0	21 31	10 9	0 45	
S 23	20 28	28 23	4 56	24 47	1 59	9 30	1 50	25 29	2 7	7 32	1 27	13 59	1 10	17 57	0 40	10 27	1 42	4 42	14 8	6 31	5 58	21 33	10 10	0 44	
M24	20 39	27 58	5 7	25 2	2 3	9 55	1 50	25 33	2 10	7 31	1 27	13 59	1 10	17 56	0 40	10 28	1 42	4 42	14 8	6 28	5 57	21 35	10 11	0 44	
T 25	20 50	26 12	5 5	25 14	2 7	10 20	1 49	25 37	2 14	7 30	1 27	13 59	1 10	17 56	0 40	10 29	1 42	4 42	14 8	6 25	5 56	21 38	10 12	0 44	
W26	21 1	23 7	4 48	25 23	2 9	10 45	1 49	25 42	2 18	7 28	1 26	13 58	1 11	17 55	0 40	10 29	1 42	4 42	14 8	6 23	5 55	21 40	10 13	0 44	
T 27	21 12	18 55	4 16	25 31	2 11	11 10	1 48	25 46	2 22	7 27	1 26	13 58	1 11	17 55	0 40	10 30	1 42	4 43	14 8	6 22	5 54	21 42	10 14	0 44	
F 28	21 22	13 44	3 31	25 36	2 12	11 35	1 48	25 50	2 26	7 26	1 26	13 58	1 11	17 54	0 40	10 31	1 43	4 43	14 8	6 21	5 52	21 45	10 15	0 44	
S 29	21 32	7 47	2 34	25 38	2 13	11 59	1 47	25 54	2 30	7 24	1 26	13 58	1 11	17 53	0 40	10 31	1 43	4 43	14 8	6 21	5 51	21 47	10 16	0 44	
S 30	21 41	1 19	1 26	25 39	2 12	12 23	1 46	25 58	2 34	7 23	1 25	13 58	1 11	17 53	0 40	10 32	1 43	4 43	14 8	6 22	5 50	21 50	10 18	0 44	
M31	21n50	5n25	0s11	25n38	2n11	12n47	1s45	26s 3	2s38	7s22	1n25	13s58	1s12	17n52	0n40	10n33	1s43	4n44	14s 8	6n22	5n49	21s52	10n19	0n44	

ASTRODIENST EPHEMERIS for the year 1875
geocentric

JUNE 1875

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 36 17	10II 3'41	28Y42	1956	108 0	3°R29	22°R15	26° 4	11°57	18°57	22°35	16°R10	14°Y41	23M52	24°Y53	T 1
W 2	16 40 13	11° 1'10	13835	3°21	11°12	3°19	22°12	26° 4	11°59	1°59	22°36	16°Y 7	14°38	23°58	24°56	W 2
T 3	16 44 10	11°58'39	28°42	4°44	12°24	3° 8	22° 9	26° 5	12° 1	2° 1	22°38	16° 3	14°35	24° 5	24°59	T 3
F 4	16 48 6	12°56'06	13II55	6° 3	13°35	2°56	22° 6	26° 5	12° 3	2° 2	22°39	15°56	14°31	24°12	25° 1	F 4
S 5	16 52 3	13°53'33	29° 2	7°19	14°47	2°44	22° 3	26° 5	12° 6	2° 4	22°40	15°47	14°28	24°18	25° 4	S 5
S 6	16 55 59	14°50'58	13553	8°32	15°59	2°31	22° 1	26°R 5	12° 8	2° 6	22°41	15°38	14°25	24°25	25° 7	S 6
M 7	16 59 56	15°48'23	28°22	9°41	17°11	2°18	21°59	26° 5	12°10	2° 8	22°43	15°30	14°22	24°32	25° 9	M 7
T 8	17 3 53	16°45'46	12822	10°48	18°23	2° 4	21°57	26° 5	12°13	2° 9	22°44	15°24	14°19	24°38	25°12	T 8
W 9	17 7 49	17°43'08	25°54	11°50	19°36	1°49	21°55	26° 5	12°15	2°11	22°45	15°20	14°15	24°45	25°15	W 9
T 10	17 11 46	18°40'30	8M57	12°50	20°48	1°34	21°53	26° 5	12°18	2°13	22°46	15°18	14°12	24°52	25°17	T 10
F 11	17 15 42	19°37'50	21°35	13°45	22° 0	1°18	21°51	26° 4	12°20	2°15	22°48	15°D17	14° 9	24°58	25°20	F 11
S 12	17 19 39	20°35'09	3554	14°38	23°12	1° 2	21°50	26° 4	12°23	2°16	22°49	15°18	14° 6	25° 5	25°22	S 12
S 13	17 23 35	21°32'27	15°58	15°26	24°24	0°45	21°49	26° 3	12°26	2°18	22°50	15°R18	14° 3	25°12	25°24	S 13
M14	17 27 32	22°29'44	27°52	16°10	25°36	0°28	21°48	26° 2	12°28	2°19	22°51	15°17	14° 0	25°18	25°27	M14
T 15	17 31 28	23°27'01	9M42	16°51	26°48	0°11	21°47	26° 2	12°31	2°21	22°53	15°14	13°56	25°25	25°29	T 15
W16	17 35 25	24°24'17	21°30	17°27	28° 1	29°53	21°46	26° 1	12°34	2°23	22°54	15° 9	13°53	25°32	25°31	W16
T 17	17 39 22	25°21'32	3220	18° 0	29°13	29°36	21°46	26° 0	12°36	2°24	22°55	15° 1	13°50	25°39	25°34	T 17
F 18	17 43 18	26°18'47	15°16	18°28	0II55	29°17	21°46	25°59	12°39	2°26	22°56	14°51	13°47	25°45	25°36	F 18
S 19	17 47 15	27°16'01	27°18	18°52	1°37	28°59	21°D46	25°57	12°42	2°27	22°57	14°39	13°44	25°52	25°38	S 19
S 20	17 51 11	28°13'14	9328	19°11	2°50	28°40	21°46	25°56	12°45	2°29	22°58	14°27	13°41	25°59	25°40	S 20
M21	17 55 8	29°10'27	21°47	19°26	4° 2	28°22	21°46	25°55	12°48	2°30	23° 0	14°14	13°37	26° 5	25°42	M21
T 22	17 59 4	05740	416	19°36	5°15	28° 3	21°46	25°53	12°51	2°31	23° 1	14° 3	13°34	26°12	25°44	T 22
W23	18 3 1	1° 4'53	16°55	19°42	6°27	27°44	21°47	25°52	12°54	2°33	23° 2	13°54	13°31	26°19	25°46	W23
T 24	18 6 58	2° 2'05	29°47	19°R43	7°39	27°25	21°48	25°50	12°57	2°34	23° 3	13°48	13°28	26°25	25°48	T 24
F 25	18 10 54	2°59'18	1252	19°40	8°52	27° 6	21°49	25°48	13° 0	2°36	23° 4	13°45	13°25	26°32	25°50	F 25
S 26	18 14 51	3°56'30	26°13	19°32	10° 4	26°48	21°50	25°46	13° 3	2°37	23° 5	13°44	13°21	26°39	25°52	S 26
S 27	18 18 47	4°53'43	9Y53	19°20	11°17	26°29	21°51	25°45	13° 6	2°38	23° 6	13°44	13°18	26°45	25°54	S 27
M28	18 22 44	5°50'55	23°51	19° 3	12°29	26°11	21°53	25°43	13° 9	2°39	23° 7	13°44	13°15	26°52	25°56	M28
T 29	18 26 40	6°48'08	8810	18°43	13°42	25°53	21°55	25°40	13°12	2°41	23° 8	13°42	13°12	26°59	25°57	T 29
W30	18 30 37	7545'21	22846	18519	14II55	25235	2156	2538	1315	2842	238 9	13Y38	13Y 9	27M 5	25Y59	W30

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	21n59	12n 4	1n 7	25n35	2n 8	13n10	1s44	26s 7	2s42	7s21	1n25	13s58	1s12	17n52	0n40	10n33	1s43	4n44	14s 8	6n22	5n47	21s54	10n20	0n44
W 2	22 7	18 11	2 22	25 30	2 6	13 34	1 43	26 11	2 46	7 20	1 25	13 58	1 12	17 51	0 40	10 34	1 43	4 44	14 8	6 21	5 46	21 57	10 21	0 44
T 3	22 15	23 15	3 27	25 24	2 2	13 57	1 42	26 16	2 51	7 19	1 24	13 58	1 12	17 50	0 40	10 34	1 43	4 44	14 8	6 19	5 45	21 59	10 22	0 44
F 4	22 22	26 46	4 19	25 16	1 57	14 19	1 41	26 20	2 55	7 19	1 24	13 58	1 12	17 50	0 40	10 35	1 43	4 45	14 8	6 16	5 44	22 1	10 22	0 44
S 5	22 29	28 19	4 52	25 7	1 52	14 42	1 40	26 24	2 59	7 18	1 24	13 58	1 13	17 49	0 40	10 36	1 43	4 45	14 9	6 13	5 42	22 4	10 23	0 44
S 6	22 36	27 47	5 5	24 57	1 46	15 4	1 39	26 29	3 3	7 17	1 24	13 58	1 13	17 48	0 40	10 36	1 43	4 45	14 9	6 10	5 41	22 6	10 24	0 44
M 7	22 42	25 21	4 57	24 45	1 39	15 25	1 37	26 33	3 7	7 17	1 23	13 58	1 13	17 48	0 40	10 37	1 43	4 45	14 9	6 7	5 40	22 8	10 25	0 44
T 8	22 48	21 27	4 32	24 32	1 32	15 47	1 36	26 37	3 11	7 16	1 23	13 59	1 13	17 47	0 40	10 37	1 43	4 46	14 9	6 4	5 39	22 11	10 26	0 44
W 9	22 53	16 32	3 52	24 19	1 23	16 8	1 35	26 42	3 15	7 16	1 23	13 59	1 13	17 46	0 40	10 38	1 43	4 46	14 9	6 2	5 38	22 13	10 27	0 44
T 10	22 58	11 1	3 1	24 4	1 14	16 28	1 33	26 46	3 19	7 15	1 23	13 59	1 13	17 45	0 39	10 38	1 43	4 46	14 9	6 2	5 36	22 15	10 28	0 44
F 11	23 3	5 13	2 3	23 49	1 5	16 48	1 32	26 50	3 23	7 15	1 22	14 0	1 14	17 45	0 39	10 39	1 43	4 46	14 9	6 1	5 35	22 18	10 29	0 44
S 12	23 7	0s38	1 0	23 33	0 54	17 8	1 30	26 54	3 27	7 15	1 22	14 0	1 14	17 44	0 39	10 39	1 43	4 46	14 9	6 2	5 34	22 20	10 30	0 44
S 13	23 11	6 21	0s 4	23 17	0 43	17 27	1 28	26 58	3 31	7 15	1 22	14 0	1 14	17 43	0 39	10 40	1 43	4 47	14 9	6 2	5 33	22 22	10 31	0 44
M14	23 15	11 46	1 7	23 0	0 31	17 46	1 27	27 2	3 34	7 14	1 21	14 1	1 14	17 42	0 39	10 40	1 43	4 47	14 9	6 1	5 31	22 24	10 31	0 44
T 15	23 18	16 43	2 6	22 42	0 19	18 5	1 25	27 6	3 38	7 14	1 21	14 1	1 14	17 42	0 39	10 41	1 43	4 47	14 10	6 0	5 30	22 27	10 32	0 43
W16	23 20	21 3	3 0	22 25	0 6	18 23	1 23	27 9	3 42	7 14	1 21	14 2	1 15	17 41	0 39	10 41	1 43	4 47	14 10	5 58	5 29	22 29	10 33	0 43
T 17	23 23	24 32	3 46	22 7	0s 8	18 41	1 21	27 13	3 45	7 14	1 21	14 2	1 15	17 40	0 39	10 42	1 43	4 47	14 10	5 55	5 28	22 31	10 34	0 43
F 18	23 24	26 59	4 22	21 49	0 22	18 58	1 19	27 16	3 49	7 15	1 20	14 3	1 15	17 39	0 39	10 42	1 43	4 47	14 10	5 51	5 26	22 33	10 35	0 43
S 19	23 26	28 13	4 47	21 32	0 37	19 14	1 17	27 20	3 52	7 15	1 20	14 3	1 15	17 38	0 39	10 43	1 43	4 48	14 10	5 47	5 25	22 36	10 35	0 43
S 20	23 27	28 6	5 0	21 14	0 52	19 31	1 15	27 23	3 56	7 15	1 20	14 4	1 15	17 37	0 39	10 43	1 43	4 48	14 10	5 42	5 24	22 38	10 36	0 43
M21	23 27	26 36	4 58	20 57	1 7	19 46	1 13	27 26	3 59	7 16	1 20	14 5	1 16	17 37	0 39	10 44	1 44	4 48	14 10	5 37	5 23	22 40	10 37	0 43
T 22	23 27	23 47	4 43	20 40	1 23	20 2	1 11	27 29	4 2	7 16	1 19	14 5	1 16	17 36	0 39	10 44	1 44	4 48	14 10	5 33	5 22	22 42	10 37	0 43
W23	23 27	19 48	4 13	20 23	1 39	20 16	1 9	27 32	4 5	7 16	1 19	14 6	1 16	17 35	0 39	10 45	1 44	4 48	14 11	5 29	5 20	22 45	10 38	0 43
T 24	23 27	14 50	3 30	20 7	1 55	20 30	1 7	27 34	4 8	7 17	1 19	14 7	1 16	17 34	0 39	10 45	1 44	4 48	14 11	5 27	5 19	22 47	10 39	0 43
F 25	23 25	9 8	2 36	19 51	2 11	20 44	1 5	27 37	4 11	7 18	1 18	14 7	1 16	17 33	0 39	10 45	1 44	4 48	14 11	5 26	5 18	22 49	10 40	0 43
S 26	23 24	2 54	1 31	19 36	2 27	20 57	1 2	27 39	4 14	7 18	1 18	14 8	1 17	17 32	0 39	10 46	1 44	4 48	14 11	5 25	5 17	22 51	10 40	0 43
S 27	23 22	3n36	0 20	19 22	2 43	21 9	1 0	27 41	4 17	7 19	1 18	14 9	1 17	17 31	0 39	10 46	1 44	4 48	14 11	5 25	5 15	22 54	10 41	0 43
M28	23 20	10 5	0n53	19 9	2 59	21 21	0 58	27 43	4 19	7 20	1 18	14 10	1 17	17 30	0 39	10 47	1 44	4 48	14 11	5 25	5 14	22 56	10 41	0 43
T 29	23 17	16 13	2 5	18 57	3 14	21 33	0 55	27 45	4 22	7 21	1 17	14 11	1 17	17 30	0 39	10 47	1 44	4 49	14 12	5 25	5 13	22 58	10 42	0 43
W30	23n14	21n33	3n11	18n46	3s28	21n43	0s53	27s47	4s24	7s22	1n17	14s12	1s17	17n29	0n39	10n47	1s44	4n49	14s12	5n23	5n12	23s 0	10n43	0n43

ASTRODIENST EPHEMERIS for the year 1875
geocentric

JULY 1875

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 34 33	8 ^h 42'34"	7 ^h 36'	17°R51	16 ^h 11'	25°R17	21 ^h 58'	25°R36	13 ^h 19'	2 ^h 43'	23 ^h 10'	13°R32	13 ^h 6'	27 ^h 12'	26 ^h 0'	T 1
F 2	18 38 30	9°39'47"	22°34'	17 ^h 20'	17°20'	25 ^h 0'	22°1'	25 ^h 34'	13°22'	2°44'	23°11'	13 ^h 23'	13°2'	27°19'	26°2'	F 2
S 3	18 42 27	10°37'00"	7 ^h 29'	16°47'	18°33'	24°43'	22°3'	25°31'	13°25'	2°45'	23°12'	13°12'	12°59'	27°25'	26°4'	S 3
S 4	18 46 23	11°34'14"	22°13'	16°12'	19°45'	24°27'	22°6'	25°29'	13°28'	2°46'	23°13'	13°1'	12°56'	27°32'	26°5'	S 4
M 5	18 50 20	12°31'27"	6 ^h 39'	15°36'	20°58'	24°11'	22°8'	25°26'	13°32'	2°47'	23°14'	12°51'	12°53'	27°39'	26°6'	M 5
T 6	18 54 16	13°28'40"	20°39'	14°58'	22°11'	23°56'	22°11'	25°23'	13°35'	2°48'	23°15'	12°42'	12°50'	27°46'	26°8'	T 6
W 7	18 58 13	14°25'53"	4 ^h 12'	14°21'	23°24'	23°41'	22°14'	25°21'	13°38'	2°49'	23°16'	12°36'	12°47'	27°52'	26°9'	W 7
T 8	19 2 9	15°23'06"	17°18'	13°43'	24°37'	23°27'	22°18'	25°18'	13°42'	2°50'	23°17'	12°32'	12°43'	27°59'	26°10'	T 8
F 9	19 6 6	16°20'18"	29°59'	13°7'	25°49'	23°14'	22°21'	25°15'	13°45'	2°51'	23°18'	12°30'	12°40'	28°6'	26°12'	F 9
S 10	19 10 2	17°17'31"	12 ^h 19'	12°33'	27°2'	23°1'	22°25'	25°12'	13°49'	2°52'	23°19'	12°30'	12°37'	28°12'	26°13'	S 10
S 11	19 13 59	18°14'43"	24°24'	12°0'	28°15'	22°49'	22°28'	25°9'	13°52'	2°53'	23°19'	12°30'	12°34'	28°19'	26°14'	S 11
M12	19 17 56	19°11'56"	6 ^h 19'	11°31'	29°28'	22°38'	22°32'	25°6'	13°55'	2°54'	23°20'	12°29'	12°31'	28°26'	26°15'	M12
T 13	19 21 52	20°9'09"	18°8'	11°5'	0 ^h 41'	22°27'	22°36'	25°2'	13°59'	2°55'	23°21'	12°26'	12°27'	28°32'	26°16'	T 13
W14	19 25 49	21°6'21"	29°58'	10°44'	1°54'	22°17'	22°40'	24°59'	14°2'	2°55'	23°22'	12°21'	12°24'	28°39'	26°17'	W14
T 15	19 29 45	22°3'34"	11 ^h 52'	10°26'	3°7'	22°8'	22°45'	24°56'	14°6'	2°56'	23°23'	12°13'	12°21'	28°46'	26°18'	T 15
F 16	19 33 42	23°0'48"	23°53'	10°13'	4°20'	22°0'	22°49'	24°52'	14°9'	2°57'	23°23'	12°3'	12°18'	28°52'	26°19'	F 16
S 17	19 37 38	23°58'01"	6 ^h 34'	10°5'	5°33'	21°52'	22°54'	24°49'	14°13'	2°58'	23°24'	11°51'	12°15'	28°59'	26°19'	S 17
S 18	19 41 35	24°55'15"	18°26'	10°D 3'	6°46'	21°46'	22°59'	24°45'	14°17'	2°58'	23°25'	11°39'	12°12'	29°6'	26°20'	S 18
M19	19 45 31	25°52'29"	1 ^h 0'	10°6'	7°59'	21°40'	23°4'	24°42'	14°20'	2°59'	23°26'	11°26'	12°8'	29°12'	26°21'	M19
T 20	19 49 28	26°49'44"	13°46'	10°14'	9°13'	21°35'	23°9'	24°38'	14°24'	2°59'	23°26'	11°15'	12°5'	29°19'	26°21'	T 20
W21	19 53 25	27°46'59"	26°43'	10°29'	10°26'	21°31'	23°14'	24°34'	14°27'	3°0'	23°27'	11°6'	12°2'	29°26'	26°22'	W21
T 22	19 57 21	28°44'15"	9 ^h 52'	10°49'	11°39'	21°27'	23°20'	24°31'	14°31'	3°0'	23°28'	11°0'	11°59'	29°32'	26°22'	T 22
F 23	20 1 18	29°41'32"	23°12'	11°15'	12°52'	21°25'	23°25'	24°27'	14°34'	3°1'	23°28'	10°57'	11°56'	29°39'	26°23'	F 23
S 24	20 5 14	0 ^h 38'49"	6°43'	11°47'	14°5'	21°23'	23°31'	24°23'	14°38'	3°1'	23°29'	10°D56'	11°53'	29°46'	26°23'	S 24
S 25	20 9 11	1°36'08"	20°27'	12°24'	15°19'	21°22'	23°37'	24°19'	14°42'	3°2'	23°30'	10°56'	11°49'	29°53'	26°24'	S 25
M26	20 13 7	2°33'27"	4 ^h 23'	13°8'	16°32'	21°D22'	23°43'	24°15'	14°45'	3°2'	23°30'	10°R56'	11°46'	29°59'	26°24'	M26
T 27	20 17 4	3°30'48"	18°32'	13°57'	17°45'	21°23'	23°49'	24°11'	14°49'	3°3'	23°31'	10°55'	11°43'	0 ^h 7'6"	26°24'	T 27
W28	20 21 0	4°28'10"	2 ^h 12'	14°52'	18°59'	21°24'	23°56'	24°7'	14°53'	3°3'	23°31'	10°52'	11°40'	0°13'	26°24'	W28
T 29	20 24 57	5°25'33"	17°22'	15°53'	20°12'	21°27'	24°2'	24°3'	14°56'	3°3'	23°32'	10°47'	11°37'	0°19'	26°24'	T 29
F 30	20 28 54	6°22'57"	1 ^h 56'	16°59'	21°26'	21°30'	24°9'	23°58'	15°0'	3°3'	23°32'	10°40'	11°33'	0°26'	26°25'	F 30
S 31	20 32 50	7 ^h 12'02"	16 ^h 28'	18 ^h 10'	22 ^h 39'	21 ^h 34'	24 ^h 15'	23 ^h 54'	15 ^h 14'	3 ^h 4'	23 ^h 33'	10 ^h 31'	11 ^h 30'	0 ^h 33'	26°R25	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	lat	decl	lat	decl	lat
T 1	23n10	25n36	4n 4	18n36	3s42	21n54	0s51	27s48	4s26	7s23	1n17	14s13	1s17	17n28	0n39	10n48	1s44	4n49	14s12	5n21	5n10	23s 2	10n43	0n43			
F 2	23 6	27 55	4 41	18 27	3 55	22 3	0 48	27 50	4 28	7 24	1 17	14 14	1 18	17 27	0 39	10 48	1 44	4 49	14 12	5 17	5 9	23 4	10 44	0 43			
S 3	23 2	28 13	4 59	18 19	4 7	22 12	0 46	27 51	4 30	7 25	1 16	14 15	1 18	17 26	0 39	10 48	1 44	4 49	14 12	5 13	5 8	23 7	10 44	0 43			
S 4	22 57	26 30	4 57	18 12	4 18	22 21	0 43	27 52	4 32	7 26	1 16	14 16	1 18	17 25	0 39	10 49	1 44	4 49	14 12	5 9	5 7	23 9	10 45	0 43			
M 5	22 52	23 4	4 35	18 7	4 27	22 28	0 41	27 53	4 34	7 27	1 16	14 17	1 18	17 24	0 39	10 49	1 44	4 49	14 13	5 5	5 5	23 11	10 45	0 43			
T 6	22 46	18 22	3 58	18 3	4 35	22 35	0 38	27 54	4 35	7 29	1 15	14 18	1 18	17 23	0 39	10 49	1 44	4 49	14 13	5 1	5 4	23 13	10 46	0 43			
W 7	22 41	12 53	3 8	18 1	4 42	22 42	0 36	27 55	4 37	7 30	1 15	14 19	1 18	17 22	0 39	10 50	1 44	4 49	14 13	4 59	5 3	23 15	10 46	0 43			
T 8	22 34	7 0	2 9	17 59	4 47	22 48	0 33	27 56	4 38	7 32	1 15	14 20	1 19	17 21	0 39	10 50	1 44	4 49	14 13	4 57	5 2	23 17	10 46	0 43			
F 9	22 27	1 1	1 6	18 0	4 50	22 53	0 31	27 56	4 39	7 33	1 15	14 21	1 19	17 20	0 39	10 50	1 44	4 49	14 13	4 57	5 1	23 20	10 47	0 43			
S 10	22 20	4s51	0 1	18 1	4 52	22 57	0 28	27 57	4 40	7 35	1 14	14 22	1 19	17 19	0 39	10 50	1 45	4 49	14 14	4 56	4 59	23 22	10 47	0 43			
S 11	22 13	10 26	1s 3	18 4	4 52	23 1	0 26	27 57	4 41	7 36	1 14	14 24	1 19	17 18	0 39	10 51	1 45	4 49	14 14	4 56	4 58	23 24	10 48	0 42			
M12	22 5 15	34 2	2 2	18 8	4 51	23 4	0 23	27 57	4 42	7 38	1 14	14 25	1 19	17 17	0 39	10 51	1 45	4 49	14 14	4 56	4 57	23 26	10 48	0 42			
T 13	21 57	20 4	2 57	18 13	4 48	23 7	0 21	27 57	4 43	7 40	1 14	14 26	1 19	17 16	0 39	10 51	1 45	4 49	14 14	4 55	4 56	23 28	10 48	0 42			
W14	21 48	23 47	3 43	18 19	4 43	23 9	0 18	27 57	4 44	7 41	1 13	14 27	1 20	17 15	0 39	10 51	1 45	4 49	14 14	4 53	4 54	23 30	10 49	0 42			
T 15	21 39	26 31	4 20	18 27	4 37	23 10	0 15	27 57	4 44	7 43	1 13	14 29	1 20	17 14	0 39	10 51	1 45	4 49	14 15	4 50	4 53	23 32	10 49	0 42			
F 16	21 30	28 5	4 46	18 35	4 30	23 10	0 13	27 57	4 45	7 45	1 13	14 30	1 20	17 13	0 39	10 52	1 45	4 49	14 15	4 46	4 52	23 34	10 49	0 42			
S 17	21 20	28 18	4 59	18 44	4 21	23 10	0 10	27 57	4 45	7 47	1 13	14 31	1 20	17 12	0 39	10 52	1 45	4 49	14 15	4 41	4 51	23 36	10 49	0 42			
S 18	21 10	27 7	4 58	18 54	4 11	23 9	0 8	27 57	4 45	7 49	1 12	14 32	1 20	17 11	0 39	10 52	1 45	4 49	14 15	4 36	4 49	23 38	10 50	0 42			
M19	20 59	24 33	4 44	19 4	4 1	23 8	0 5	27 57	4 45	7 51	1 12	14 34	1 20	17 10	0 39	10 52	1 45	4 49	14 16	4 32	4 48	23 41	10 50	0 42			
T 20	20 48	20 46	4 14	19 15	3 49	23 6	0 3	27 56	4 45	7 54	1 12	14 35	1 21	17 9	0 39	10 52	1 45	4 49	14 16	4 27	4 47	23 43	10 50	0 42			
W21	20 37	15 56	3 31	19 27	3 37	23 3	0 0	27 56	4 45	7 56	1 12	14 37	1 21	17 8	0 39	10 52	1 45	4 49	14 16	4 24	4 46	23 45	10 50	0 42			
T 22	20 26	10 18	2 37	19 38	3 24	22 59	0n 3	27 56	4 45	7 58	1 11	14 38	1 21	17 7	0 39	10 52	1 45	4 48	14 16	4 21	4 44	23 47	10 50	0 42			
F 23	20 14	4 7	1 33	19 50	3 10	22 55	0 5	27 55	4 45	8 0	1 11	14 39	1 21	17 6	0 39	10 53	1 45	4 48	14 17	4 20	4 43	23 49	10 50	0 42			
S 24	20 2	2n20	0 22	20 1	2 56	22 50	0 8	27 55	4 45	8 3	1 11	14 41	1 21	17 4	0 39	10 53	1 45	4 48	14 17	4 20	4 42	23 51	10 51	0 42			
S 25	19 49	8 46	0n50	20 12	2 41	22 45	0 10	27 54	4 44	8 5	1 11	14 42	1 21	17 3	0 39	10 53	1 45	4 48	14 17	4 20	4 41	23 53	10 51	0 42			
M26	19 36	14 54	2 1	20 23	2 26	22 38	0 13	27 54	4 44	8 7	1 10	14 44	1 21	17 2	0 39	10 53	1 46	4 48	14 17	4 20	4 39	23 55	10 51	0 42			
T 27	19 23	20 20	3 6	20 33	2 11	22 32	0 15	27 53	4 43	8 10	1 10	14 45	1 22	17 1	0 39	10 53	1 46	4 48	14 18	4 20	4 38	23 57	10 51	0 42			
W28	19 10	24 40	4 0	20 42	1 56	22 24	0 17	27 53	4 43	8 12	1 10	14 47	1 22	17 0	0 39	10 53	1 46	4 48	14 18	4 18	4 37	23 59	10 51	0 42			
T 29	18 56	27 29	4 39	20 51	1 41	22 16	0 20	27 52	4 42	8 15	1 10	14 48	1 22	16 59	0 39	10 53	1 46	4 48	14 18	4 16	4 36	24 1	10 51	0 42			
F 30	18 42	28 26	5 0	20 58	1 26	22 7	0 22	27 52	4 41	8 18	1 9	14 50	1 22	16 58	0 39	10 53	1 46	4 48	14 18	4 13	4 34	24 3	10 51	0 42			
S 31	18n27	27n26	5n 2	21n 3	1s11	21n57	0n25	27s51	4s41	8s20	1n 9	14s51	1s22	16n57	0n39	10n53	1s46	4n48	14s19	4n10	4n33	24s 5	10n51	0n42			

ASTRODIENST EPHEMERIS for the year 1875
geocentric

AUGUST 1875

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	20 36 47	8♌1747	0♌52	19♉27	23♊53	21♋39	24♌22	23°R50	15♍8	3♎4	23♏33	10°R21	11♐27	0♑39	26°R25	S 1
M 2	20 40 43	9°15'14	15° 1	20°48	25° 6	21°45	24°29	23°46	15°11	3° 4	23°34	10°Y12	11°24	0°46	26°Y24	M 2
T 3	20 44 40	10°12'42	28°50	22°15	26°20	21°51	24°36	23°41	15°15	3° 4	23°34	10° 4	11°21	0°53	26°24	T 3
W 4	20 48 36	11°10'10	12♊16	23°46	27°34	21°58	24°44	23°37	15°19	3° 4	23°35	9°58	11°18	0°59	26°24	W 4
T 5	20 52 33	12° 7'40	25°18	25°21	28°47	22° 7	24°51	23°33	15°22	3° 4	23°35	9°55	11°14	1° 6	26°24	T 5
F 6	20 56 30	13° 5'10	7♋59	27° 1	0♌1	22°15	24°59	23°28	15°26	3°R 4	23°36	9°D54	11°11	1°13	26°24	F 6
S 7	21 0 26	14° 2'41	20°20	28°45	1°15	22°25	25° 6	23°24	15°30	3° 4	23°36	9°55	11° 8	1°20	26°23	S 7
S 8	21 4 23	15° 0'12	2♍26	0♌32	2°28	22°36	25°14	23°20	15°34	3° 4	23°36	9°56	11° 5	1°26	26°23	S 8
M 9	21 8 19	15°57'45	14°22	2°22	3°42	22°47	25°22	23°15	15°37	3° 4	23°37	9°R56	11° 2	1°33	26°22	M 9
T 10	21 12 16	16°55'19	26°13	4°15	4°56	22°59	25°30	23°11	15°41	3° 4	23°37	9°56	10°59	1°40	26°22	T 10
W11	21 16 12	17°52'53	8♊5	6°10	6°10	23°11	25°38	23° 6	15°45	3° 4	23°37	9°53	10°55	1°46	26°21	W11
T 12	21 20 9	18°50'29	20° 2	8° 7	7°24	23°25	25°46	23° 2	15°48	3° 4	23°37	9°49	10°52	1°53	26°21	T 12
F 13	21 24 5	19°48'05	2♊8	10° 6	8°37	23°39	25°55	22°57	15°52	3° 4	23°38	9°43	10°49	2° 0	26°20	F 13
S 14	21 28 2	20°45'43	14°26	12° 6	9°51	23°54	26° 3	22°53	15°56	3° 3	23°38	9°35	10°46	2° 6	26°19	S 14
S 15	21 31 59	21°43'21	26°58	14° 7	11° 5	24° 9	26°12	22°48	16° 0	3° 3	23°38	9°27	10°43	2°13	26°18	S 15
M16	21 35 55	22°41'01	9♋47	16° 8	12°19	24°25	26°20	22°44	16° 3	3° 3	23°38	9°19	10°39	2°20	26°17	M16
T 17	21 39 52	23°38'42	22°51	18°10	13°33	24°42	26°29	22°39	16° 7	3° 3	23°38	9°11	10°36	2°26	26°17	T 17
W18	21 43 48	24°36'24	6♊9	20°11	14°47	24°59	26°38	22°35	16°11	3° 2	23°39	9° 6	10°33	2°33	26°16	W18
T 19	21 47 45	25°34'08	19°41	22°13	16° 1	25°17	26°47	22°30	16°14	3° 2	23°39	9° 2	10°30	2°40	26°15	T 19
F 20	21 51 41	26°31'53	3♐24	24°14	17°15	25°36	26°56	22°26	16°18	3° 1	23°39	9°D 0	10°27	2°47	26°14	F 20
S 21	21 55 38	27°29'40	17°15	26°14	18°29	25°55	27° 6	22°21	16°22	3° 1	23°39	9° 1	10°24	2°53	26°12	S 21
S 22	21 59 34	28°27'28	1♊14	28°13	19°43	26°15	27°15	22°17	16°26	3° 0	23°39	9° 2	10°20	3° 0	26°11	S 22
M23	22 3 31	29°25'18	15°19	0♍12	20°58	26°35	27°24	22°12	16°29	3° 0	23°39	9° 3	10°17	3° 7	26°10	M23
T 24	22 7 27	0♍23'10	29°29	2° 9	22°12	26°56	27°34	22° 8	16°33	2°59	23°R39	9°R 4	10°14	3°13	26° 9	T 24
W25	22 11 24	1°21'04	13♊41	4° 6	23°26	27°17	27°43	22° 3	16°36	2°59	23°39	9° 3	10°11	3°20	26° 8	W25
T 26	22 15 21	2°19'00	27°54	6° 1	24°40	27°39	27°53	21°59	16°40	2°58	23°39	9° 1	10° 8	3°27	26° 6	T 26
F 27	22 19 17	3°16'58	12♊5	7°55	25°54	28° 2	28° 3	21°55	16°44	2°58	23°39	8°57	10° 4	3°33	26° 5	F 27
S 28	22 23 14	4°14'57	26°10	9°48	27° 9	28°25	28°13	21°50	16°47	2°57	23°39	8°52	10° 1	3°40	26° 3	S 28
S 29	22 27 10	5°12'58	10♌7	11°40	28°23	28°48	28°23	21°46	16°51	2°56	23°39	8°47	9°58	3°47	26° 2	S 29
M30	22 31 7	6°11'01	23°50	13°30	29°37	29°13	28°33	21°42	16°55	2°55	23°39	8°42	9°55	3°54	26° 0	M30
T 31	22 35 3	7♎9'06	7♎19	15♎19	0♎52	29♊37	28♋43	21♌37	16♍58	2♎55	23♏38	8°Y38	9°Y52	4♐0	25°Y59	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
S 1	18n12	24n36	4n44	21n 8	0s56	21n47	0n27	27s51	4s40	8s23	1n 9	14s53	1s22	16n56
M 2	17 57	20 19	4 10	21 10	0 41	21 37	0 29	27 50	4 39	8 26	1 9	14 54	1 22	16 55
T 3	17 42	15 2	3 21	21 10	0 27	21 25	0 32	27 50	4 38	8 29	1 9	14 56	1 22	16 54
W 4	17 26	9 9	2 22	21 9	0 14	21 13	0 34	27 49	4 37	8 32	1 8	14 57	1 23	16 53
T 5	17 10	3 3	1 17	21 5	0 0	21 1	0 36	27 49	4 36	8 34	1 8	14 59	1 23	16 51
F 6	16 54	3s 0	0 10	20 58	0n12	20 47	0 38	27 48	4 35	8 37	1 8	15 0	1 23	16 50
S 7	16 38	8 48	0s56	20 49	0 24	20 33	0 40	27 47	4 33	8 40	1 8	15 2	1 23	16 49
S 8	16 21	14 10	1 58	20 38	0 35	20 19	0 43	27 47	4 32	8 43	1 7	15 4	1 23	16 48
M 9	16 4	18 56	2 54	20 24	0 46	20 4	0 45	27 46	4 31	8 47	1 7	15 5	1 23	16 47
T 10	15 47	22 56	3 43	20 7	0 56	19 48	0 47	27 46	4 30	8 50	1 7	15 7	1 23	16 46
W11	15 29	25 58	4 21	19 47	1 4	19 32	0 49	27 45	4 28	8 53	1 7	15 8	1 23	16 45
T 12	15 11	27 53	4 49	19 25	1 12	19 15	0 51	27 44	4 27	8 56	1 7	15 10	1 23	16 44
F 13	14 53	28 31	5 4	19 0	1 19	18 58	0 53	27 44	4 26	8 59	1 6	15 11	1 23	16 43
S 14	14 35	27 45	5 6	18 33	1 26	18 40	0 54	27 43	4 24	9 2	1 6	15 13	1 23	16 42
S 15	14 17	25 34	4 53	18 4	1 31	18 22	0 56	27 42	4 23	9 6	1 6	15 14	1 24	16 40
M16	13 58	22 4	4 25	17 32	1 36	18 3	0 58	27 42	4 21	9 9	1 6	15 16	1 24	16 39
T 17	13 39	17 25	3 43	16 58	1 39	17 43	1 0	27 41	4 20	9 12	1 6	15 18	1 24	16 38
W18	13 20	11 52	2 48	16 23	1 42	17 23	1 1	27 40	4 19	9 16	1 5	15 19	1 24	16 37
T 19	13 0	5 40	1 43	15 45	1 44	17 3	1 3	27 39	4 17	9 19	1 5	15 21	1 24	16 36
F 20	12 41	0n53	0 30	15 7	1 45	16 42	1 5	27 38	4 15	9 23	1 5	15 22	1 24	16 35
S 21	12 21	7 28	0n45	14 27	1 46	16 21	1 6	27 37	4 14	9 26	1 5	15 24	1 24	16 34
S 22	12 1	13 45	1 58	13 45	1 46	15 59	1 8	27 36	4 12	9 30	1 5	15 25	1 24	16 33
M23	11 41	19 23	3 4	13 3	1 45	15 37	1 9	27 35	4 11	9 33	1 4	15 27	1 24	16 32
T 24	11 21	23 57	4 0	12 20	1 44	15 14	1 10	27 34	4 9	9 37	1 4	15 28	1 24	16 31
W25	11 0	27 7	4 41	11 35	1 42	14 51	1 12	27 33	4 7	9 41	1 4	15 30	1 24	16 29
T 26	10 39	28 32	5 5	10 51	1 39	14 27	1 13	27 32	4 6	9 44	1 4	15 31	1 24	16 28
F 27	10 19	28 4	5 10	10 5	1 36	14 3	1 14	27 31	4 4	9 48	1 4	15 33	1 24	16 27
S 28	9 58	25 47	4 57	9 20	1 33	13 39	1 15	27 29	4 2	9 52	1 3	15 34	1 24	16 26
S 29	9 36	21 59	4 26	8 34	1 29	13 14	1 16	27 28	4 1	9 55	1 3	15 36	1 24	16 25
M30	9 15	17 3	3 40	7 47	1 24	12 49	1 17	27 26	3 59	9 59	1 3	15 37	1 24	16 24
T 31	8n54	11n21	2n43	7n 1	1n20	12n24	1n18	27s25	3s57	10s 3	1n 3	15s38	1s24	16n23

Julian Day Number = 2406101.5, Delta T = -1.42 sec
Ecliptic obliquity = 23°27'28", Nutation = - 0°00'02", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'10", Lahiri = 22°07'11"

ASTRODIENST EPHEMERIS for the year 1875
geocentric

SEPTEMBER 1875

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 39 0	8 ^h 7'12	20 ^h 29	17 ^h 7	2 ^h 6	0 ^h 2	28 ^h 54	21 ^h R33	17 ^h 2	2 ^h R54	23 ^h R38	8 ^h R35	9 ^h Y49	4 ^h 7	25 ^h R57	W 1
T 2	22 42 56	9° 5'20	3 ^h 21	18° 54	3° 21	0° 28	29° 4	21 ^h 29	17° 5	2 ^h 53	23 ^h 38	8° D34	9° 45	4° 14	25 ^h Y55	T 2
F 3	22 46 53	10° 3'29	15° 55	20° 39	4° 35	0° 54	29° 15	21° 25	17° 9	2° 52	23° 38	8° Y34	9° 42	4° 20	25° 54	F 3
S 4	22 50 50	11° 1'40	28° 13	22° 23	5° 49	1° 20	29° 25	21° 20	17° 12	2° 51	23° 38	8° 35	9° 39	4° 27	25° 52	S 4
S 5	22 54 46	11° 59'52	10 ^h 19	24° 6	7° 4	1° 47	29° 36	21° 16	17° 16	2° 50	23° 37	8° 37	9° 36	4° 34	25° 50	S 5
M 6	22 58 43	12° 58'06	22° 15	25° 48	8° 18	2° 14	29° 46	21° 12	17° 19	2° 50	23° 37	8° 38	9° 33	4° 40	25° 48	M 6
T 7	23 2 39	13° 56'22	4 ^h 7	27° 29	9° 33	2° 42	29° 57	21° 8	17° 23	2° 49	23° 37	8° 40	9° 30	4° 47	25° 46	T 7
W 8	23 6 36	14° 54'39	15° 59	29° 8	10° 47	3° 10	0 ^h 8	21° 4	17° 26	2° 48	23° 37	8° R40	9° 26	4° 54	25° 44	W 8
T 9	23 10 32	15° 52'58	27° 56	0 ^h 47	12° 2	3° 39	0° 19	21° 1	17° 29	2° 47	23° 36	8° 39	9° 23	5° 0	25° 42	T 9
F 10	23 14 29	16° 51'18	10 ^h 3	2° 24	13° 16	4° 8	0° 30	20° 57	17° 33	2° 46	23° 36	8° 38	9° 20	5° 7	25° 40	F 10
S 11	23 18 25	17° 49'40	22° 24	4° 0	14° 31	4° 37	0° 41	20° 53	17° 36	2° 45	23° 36	8° 35	9° 17	5° 14	25° 38	S 11
S 12	23 22 22	18° 48'04	5 ^h 2	5° 35	15° 46	5° 7	0° 52	20° 49	17° 39	2° 43	23° 35	8° 33	9° 14	5° 21	25° 36	S 12
M13	23 26 19	19° 46'29	17° 59	7° 9	17° 0	5° 37	1° 4	20° 46	17° 43	2° 42	23° 35	8° 30	9° 10	5° 27	25° 34	M13
T 14	23 30 15	20° 44'56	1 ^h 17	8° 42	18° 15	6° 7	1° 15	20° 42	17° 46	2° 41	23° 34	8° 27	9° 7	5° 34	25° 32	T 14
W15	23 34 12	21° 43'24	14° 54	10° 13	19° 30	6° 38	1° 26	20° 38	17° 49	2° 40	23° 34	8° 25	9° 4	5° 41	25° 29	W15
T 16	23 38 8	22° 41'54	28° 49	11° 44	20° 44	7° 9	1° 38	20° 35	17° 53	2° 39	23° 33	8° 24	9° 1	5° 47	25° 27	T 16
F 17	23 42 5	23° 40'27	12 ^h Y59	13° 14	21° 59	7° 41	1° 49	20° 32	17° 56	2° 38	23° 33	8° D24	8° 58	5° 54	25° 25	F 17
S 18	23 46 1	24° 39'01	27° 17	14° 42	23° 14	8° 12	2° 1	20° 28	17° 59	2° 36	23° 32	8° 25	8° 55	6° 1	25° 23	S 18
S 19	23 49 58	25° 37'38	11 ^h 8	16° 10	24° 28	8° 44	2° 13	20° 25	18° 2	2° 35	23° 32	8° 26	8° 51	6° 7	25° 20	S 19
M20	23 53 54	26° 36'17	26° 6	17° 36	25° 43	9° 17	2° 24	20° 22	18° 5	2° 34	23° 31	8° 27	8° 48	6° 14	25° 18	M20
T 21	23 57 51	27° 34'58	10 ^h II28	19° 1	26° 58	9° 49	2° 36	20° 19	18° 8	2° 33	23° 31	8° 27	8° 45	6° 21	25° 15	T 21
W22	0 1 48	28° 33'41	24° 43	20° 25	28° 12	10° 22	2° 48	20° 16	18° 11	2° 31	23° 30	8° R28	8° 42	6° 28	25° 13	W22
T 23	0 5 44	29° 32'27	8 ^h 3	21° 48	29° 27	10° 56	3° 0	20° 13	18° 14	2° 30	23° 30	8° 28	8° 39	6° 34	25° 10	T 23
F 24	0 9 41	0 ^h 31'15	22° 44	23° 10	0 ^h 42	11° 29	3° 12	20° 10	18° 17	2° 29	23° 29	8° 27	8° 36	6° 41	25° 8	F 24
S 25	0 13 37	1° 30'05	6 ^h 28	24° 30	1° 57	12° 3	3° 24	20° 7	18° 20	2° 27	23° 29	8° 26	8° 32	6° 48	25° 5	S 25
S 26	0 17 34	2° 28'57	19° 58	25° 49	3° 12	12° 37	3° 36	20° 4	18° 23	2° 26	23° 28	8° 26	8° 29	6° 54	25° 3	S 26
M27	0 21 30	3° 27'52	3 ^h 16	27° 7	4° 27	13° 11	3° 48	20° 1	18° 26	2° 24	23° 27	8° 25	8° 26	7° 1	25° 0	M27
T 28	0 25 27	4° 26'49	16° 19	28° 24	5° 41	13° 46	4° 0	19° 59	18° 29	2° 23	23° 27	8° 25	8° 23	7° 8	24° 58	T 28
W29	0 29 23	5° 25'48	29° 9	29° 39	6° 56	14° 21	4° 12	19° 56	18° 32	2° 22	23° 26	8° 24	8° 20	7° 14	24° 55	W29
T 30	0 33 20	6 ^h 24'48	11 ^h 45	0 ^h 52	8 ^h 11	14 ^h 56	4 ^h 25	19 ^h 54	18 ^h 35	2 ^h 20	23 ^h 25	8° D24	8° Y16	7 ^h 21	24° Y52	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	8n32	5n16	1n37	6n14	1n15	11n58	1n19	27s23	3s56	10s 7	1n 3	15s40	1s25	16n22	0n39	10n48	1s48	4n40	14s27	3n24	3n53	25s 6	10n39	0n40			
T 2	8 10	0s54	0 29	5 27	1 9	11 32	1 20	27 21	3 54	10 11	1 3	15 41	1 25	16 21	0 39	10 48	1 48	4 40	14 27	3 24	3 52	25 7	10 39	0 40			
F 3	7 48	6 53	0s40	4 41	1 4	11 5	1 21	27 20	3 52	10 14	1 2	15 43	1 25	16 20	0 39	10 47	1 48	4 40	14 28	3 24	3 51	25 9	10 38	0 40			
S 4	7 26	12 30	1 46	3 54	0 58	10 39	1 21	27 18	3 50	10 18	1 2	15 44	1 25	16 19	0 39	10 47	1 48	4 40	14 28	3 24	3 50	25 11	10 37	0 40			
S 5	7 4	17 33	2 46	3 8	0 51	10 12	1 22	27 15	3 49	10 22	1 2	15 45	1 25	16 18	0 39	10 47	1 48	4 39	14 28	3 25	3 48	25 13	10 37	0 40			
M 6	6 42	21 51	3 37	2 21	0 45	9 44	1 23	27 13	3 47	10 26	1 2	15 47	1 25	16 17	0 39	10 46	1 48	4 39	14 28	3 26	3 47	25 14	10 36	0 40			
T 7	6 19	25 14	4 19	1 35	0 38	9 17	1 23	27 11	3 45	10 30	1 2	15 48	1 25	16 16	0 39	10 46	1 48	4 39	14 29	3 26	3 46	25 16	10 35	0 40			
W 8	5 57	27 32	4 50	0 50	0 32	8 49	1 24	27 9	3 43	10 34	1 2	15 49	1 25	16 15	0 39	10 46	1 48	4 38	14 29	3 26	3 45	25 18	10 34	0 40			
T 9	5 34	28 36	5 9	0 4	0 25	8 21	1 24	27 6	3 42	10 38	1 1	15 51	1 25	16 14	0 39	10 45	1 48	4 38	14 29	3 26	3 43	25 20	10 34	0 40			
F 10	5 12	28 18	5 15	0s41	0 18	7 53	1 24	27 3	3 40	10 42	1 1	15 52	1 25	16 13	0 39	10 45	1 48	4 38	14 29	3 25	3 42	25 21	10 33	0 40			
S 11	4 49	26 37	5 6	1 26	0 10	7 24	1 25	27 1	3 38	10 46	1 1	15 53	1 25	16 12	0 39	10 44	1 48	4 37	14 30	3 25	3 41	25 23	10 32	0 40			
S 12	4 26	23 35	4 42	2 10	0 3	6 55	1 25	26 58	3 36	10 50	1 1	15 54	1 25	16 11	0 39	10 44	1 48	4 37	14 30	3 23	3 40	25 25	10 31	0 40			
M13	4 3	19 18	4 3	2 54	0s 4	6 26	1 25	26 55	3 35	10 54	1 1	15 55	1 25	16 10	0 39	10 43	1 48	4 37	14 30	3 22	3 38	25 27	10 30	0 40			
T 14	3 40	14 0	3 11	3 38	0 12	5 57	1 25	26 52	3 33	10 58	1 1	15 56	1 25	16 9	0 39	10 43	1 48	4 36	14 30	3 21	3 37	25 28	10 30	0 40			
W15	3 17	7 53	2 6	4 21	0 20	5 28	1 25	26 48	3 31	11 2	1 1	15 58	1 25	16 8	0 39	10 43	1 48	4 36	14 31	3 21	3 36	25 30	10 29	0 40			
T 16	2 54	1 16	0 53	5 4	0 27	4 59	1 25	26 45	3 29	11 6	1 0	15 59	1 25	16 7	0 39	10 42	1 48	4 36	14 31	3 20	3 35	25 32	10 28	0 40			
F 17	2 31	5n31	0n25	5 46	0 35	4 29	1 25	26 41	3 27	11 10	1 0	16 0	1 25	16 6	0 39	10 42	1 48	4 35	14 31	3 20	3 33	25 33	10 27	0 39			
S 18	2 8	12 7	1 43	6 27	0 43	3 59	1 25	26 37	3 26	11 15	1 0	16 1	1 25	16 5	0 40	10 41	1 48	4 35	14 31	3 20	3 32	25 35	10 26	0 39			
S 19	1 44	18 7	2 54	7 8	0 50	3 29	1 24	26 34	3 24	11 19	1 0	16 2	1 25	16 4	0 40	10 41	1 49	4 35	14 32	3 21	3 31	25 37	10 25	0 39			
M20	1 21	23 5	3 54	7 48	0 58	2 59	1 24	26 29	3 22	11 23	1 0	16 3	1 25	16 3	0 40	10 40	1 49	4 34	14 32	3 21	3 30	25 38	10 24	0 39			
T 21	0 58	26 39	4 40	8 28	1 6	2 29	1 24	26 25	3 20	11 27	1 0	16 4	1 25	16 2	0 40	10 40	1 49	4 34	14 32	3 21	3 28	25 40	10 23	0 39			
W22	0 34	28 28	5 8	9 7	1 13	1 59	1 23	26 21	3 18	11 31	1 0	16 5	1 25	16 1	0 40	10 39	1 49	4 34	14 32	3 22	3 27	25 42	10 22	0 39			
T 23	0 11	28 26	5 17	9 45	1 21	1 29	1 23	26 16	3 17	11 35	0 59	16 6	1 25	16 0	0 40	10 39	1 49	4 33	14 32	3 21	3 26	25 43	10 21	0 39			
F 24	0s12	26 35	5 7	10 23	1 29	0 59	1 22	26 12	3 15	11 39	0 59	16 7	1 25	15 59	0 40	10 38	1 49	4 33	14 33	3 21	3 25	25 45	10 20	0 39			
S 25	0 36	23 11	4 40	11 0	1 36	0 28	1 21	26 7	3 13	11 44	0 59	16 8	1 25	15 58	0 40	10 38	1 49	4 33	14 33	3 21	3 23	25 47	10 19	0 39			
S 26	0 59	18 35	3 57	11 36	1 44	0s 2	1 21	26 2	3 11	11 48	0 59	16 8	1 24	15 57	0 40	10 37	1 49	4 32	14 33	3 21	3 22	25 48	10 18	0 39			
M27	1 23	13 9	3 3	12 11	1 51	0 33	1 20	25 57	3 9	11 52	0 59	16 9	1 24	15 57	0 40	10 37	1 49	4 32	14 33	3 20	3 21	25 50	10 17	0 39			
T 28	1 46	7 14	1 59	12 45	1 58	1 3	1 19	25 51	3 8	11 56	0 59	16 10	1 24	15 56	0 40	10 36	1 49	4 32	14 34	3 20	3 20	25 51	10 16	0 39			
W29	2 10	1 7	0 51	13 18	2 5	1 34	1 18	25 46	3 6	12 1	0 59	16 11	1 24	15 55	0 40	10 36	1 49	4 31	14 34	3 20	3 18	25 53	10 15	0 39			
T 30	2s33	4s56	0s19	13s51	2s12	2s 4	1n17	25s40	3s 4	12s 5	0n59	16s11	1s24	15n54	0n40	10n35	1s49	4n31	14s34	3n20	3n17	25s55	10n14	0n39			

ASTRODIENST EPHEMERIS for the year 1875
geocentric

OCTOBER 1875

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	0 37 17	7♂23°51	24♂ 8	2♂ 4	9♂26	15♂31	4♂37	19°R52	18♂37	2°R19	23°R24	8°Y24	8°Y13	7♂28	24°R50	F 1
S 2	0 41 13	8°22'56	6♂19	3°14	10°41	16° 7	4°49	19°49	18°40	2♂17	23♂24	8°R24	8°10	7°35	24°Y47	S 2
S 3	0 45 10	9°22'03	18°21	4°23	11°56	16°43	5° 2	19°47	18°43	2°16	23°23	8°24	8° 7	7°41	24°44	S 3
M 4	0 49 6	10°21'12	0♂16	5°29	13°11	17°19	5°14	19°45	18°46	2°14	23°22	8°24	8° 4	7°48	24°41	M 4
T 5	0 53 3	11°20'23	12° 7	6°33	14°26	17°55	5°27	19°43	18°48	2°12	23°21	8°24	8° 1	7°55	24°39	T 5
W 6	0 56 59	12°19'35	23°58	7°35	15°41	18°32	5°39	19°41	18°51	2°11	23°21	8°24	7°57	8° 1	24°36	W 6
T 7	1 0 56	13°18'49	5♂54	8°34	16°56	19° 9	5°52	19°40	18°53	2° 9	23°20	8°23	7°54	8° 8	24°33	T 7
F 8	1 4 52	14°18'05	17°59	9°31	18°11	19°46	6° 4	19°38	18°56	2° 8	23°19	8°D23	7°51	8°15	24°30	F 8
S 9	1 8 49	15°17'23	0♂17	10°24	19°26	20°23	6°17	19°36	18°58	2° 6	23°18	8°24	7°48	8°22	24°27	S 9
S 10	1 12 46	16°16'43	12°53	11°15	20°41	21° 0	6°30	19°35	19° 1	2° 5	23°17	8°24	7°45	8°28	24°25	S 10
M 11	1 16 42	17°16'04	25°50	12° 1	21°56	21°38	6°42	19°34	19° 3	2° 3	23°16	8°25	7°42	8°35	24°22	M 11
T 12	1 20 39	18°15'28	9♂12	12°44	23°10	22°15	6°55	19°32	19° 5	2° 1	23°15	8°26	7°38	8°42	24°19	T 12
W 13	1 24 35	19°14'53	22°59	13°22	24°25	22°53	7° 8	19°31	19° 8	2° 0	23°15	8°26	7°35	8°48	24°16	W 13
T 14	1 28 32	20°14'19	7°Y 9	13°55	25°40	23°31	7°21	19°30	19°10	1°58	23°14	8°R27	7°32	8°55	24°13	T 14
F 15	1 32 28	21°13'48	21°40	14°24	26°55	24°10	7°34	19°29	19°12	1°56	23°13	8°27	7°29	9° 2	24°10	F 15
S 16	1 36 25	22°13'19	6♂25	14°46	28°10	24°48	7°46	19°28	19°14	1°55	23°12	8°26	7°26	9° 8	24° 8	S 16
S 17	1 40 21	23°12'52	21°17	15° 2	29°25	25°27	7°59	19°27	19°16	1°53	23°11	8°24	7°22	9°15	24° 5	S 17
M 18	1 44 18	24°12'28	6♂ 8	15°12	0♂40	26° 5	8°12	19°27	19°18	1°51	23°10	8°22	7°19	9°22	24° 2	M 18
T 19	1 48 15	25°12'05	20°51	15°R14	1°55	26°44	8°25	19°26	19°20	1°50	23° 9	8°20	7°16	9°29	23°59	T 19
W 20	1 52 11	26°11'45	5♂20	15° 8	3°11	27°23	8°38	19°25	19°22	1°48	23° 8	8°18	7°13	9°35	23°56	W 20
T 21	1 56 8	27°11'27	19°32	14°54	4°26	28° 3	8°51	19°25	19°24	1°46	23° 7	8°17	7°10	9°42	23°53	T 21
F 22	2 0 4	28°11'12	3♂23	14°31	5°41	28°42	9° 4	19°25	19°26	1°45	23° 6	8°D17	7° 7	9°49	23°50	F 22
S 23	2 4 1	29°10'59	16°55	14° 0	6°56	29°21	9°17	19°25	19°28	1°43	23° 5	8°18	7° 3	9°55	23°48	S 23
S 24	2 7 57	0♂10'48	0♂ 8	13°19	8°11	0♂ 1	9°30	19°D24	19°30	1°41	23° 4	8°19	7° 0	10° 2	23°45	S 24
M 25	2 11 54	1°10'39	13° 5	12°29	9°26	0°41	9°43	19°24	19°32	1°40	23° 3	8°21	6°57	10° 9	23°42	M 25
T 26	2 15 50	2°10'32	25°47	11°32	10°41	1°21	9°56	19°25	19°33	1°38	23° 2	8°22	6°54	10°16	23°39	T 26
W 27	2 19 47	3°10'27	8♂17	10°27	11°56	2° 1	10°10	19°25	19°35	1°36	23° 1	8°R23	6°51	10°22	23°36	W 27
T 28	2 23 44	4°10'25	20°36	9°15	13°11	2°41	10°23	19°25	19°37	1°35	23° 0	8°22	6°47	10°29	23°33	T 28
F 29	2 27 40	5°10'24	2♂46	8° 0	14°26	3°21	10°36	19°26	19°38	1°33	22°59	8°20	6°44	10°36	23°31	F 29
S 30	2 31 37	6°10'25	14°48	6°43	15°41	4° 1	10°49	19°26	19°40	1°31	22°58	8°17	6°41	10°42	23°28	S 30
S 31	2 35 33	7♂10'29	26♂45	5♂26	16♂56	4♂42	11♂ 2	19°27	19♂41	1♂30	22♂57	8°Y12	6°Y38	10♂49	23°Y25	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
F 1	2s56	10s42	1s26	14s22	2s19	2s34	1n16	25s34	3s 2	12s 9	0n59	16s12	1s24	15n53	0n40	10n35	1s49	4n30	14s34	3n20	3n16	25s56	10n13	0n39									
S 2	3 20	15 59	2 29	14 53	2 25	3 5	1 15	25 28	3 0	12 13	0 58	16 13	1 24	15 52	0 40	10 34	1 49	4 30	14 34	3 20	3 15	25 58	10 12	0 38									
S 3	3 43	20 34	3 24	15 22	2 32	3 35	1 14	25 22	2 59	12 17	0 58	16 13	1 24	15 52	0 40	10 34	1 49	4 30	14 34	3 20	3 13	25 59	10 11	0 38									
M 4	4 6	24 17	4 10	15 50	2 38	4 5	1 13	25 15	2 57	12 22	0 58	16 14	1 24	15 51	0 40	10 33	1 49	4 29	14 35	3 20	3 12	26 1	10 10	0 38									
T 5	4 29	26 58	4 44	16 17	2 43	4 36	1 12	25 9	2 55	12 26	0 58	16 15	1 24	15 50	0 40	10 33	1 49	4 29	14 35	3 20	3 11	26 2	10 9	0 38									
W 6	4 53	28 26	5 7	16 43	2 49	5 6	1 10	25 2	2 53	12 30	0 58	16 15	1 24	15 49	0 40	10 32	1 49	4 29	14 35	3 20	3 10	26 4	10 8	0 38									
T 7	5 16	28 36	5 17	17 7	2 54	5 36	1 9	24 55	2 51	12 34	0 58	16 16	1 24	15 49	0 40	10 31	1 49	4 28	14 35	3 20	3 8	26 5	10 7	0 38									
F 8	5 39	27 25	5 13	17 30	2 59	6 6	1 8	24 48	2 50	12 39	0 58	16 16	1 24	15 48	0 40	10 31	1 49	4 28	14 35	3 20	3 7	26 7	10 6	0 38									
S 9	6 2	24 54	4 54	17 51	3 3	6 35	1 6	24 40	2 48	12 43	0 58	16 17	1 24	15 47	0 40	10 30	1 49	4 28	14 36	3 20	3 6	26 9	10 4	0 38									
S 10	6 24	21 8	4 21	18 10	3 7	7 5	1 5	24 33	2 46	12 47	0 58	16 17	1 24	15 46	0 40	10 30	1 49	4 27	14 36	3 20	3 5	26 10	10 3	0 38									
M11	6 47	16 17	3 35	18 28	3 10	7 34	1 3	24 25	2 44	12 52	0 58	16 17	1 24	15 46	0 40	10 29	1 49	4 27	14 36	3 20	3 3	26 12	10 2	0 38									
T 12	7 10	10 31	2 35	18 44	3 13	8 4	1 1	24 17	2 42	12 56	0 57	16 18	1 24	15 45	0 40	10 29	1 49	4 27	14 36	3 21	3 2	26 13	10 1	0 38									
W13	7 32	4 5	1 25	18 57	3 15	8 33	1 0	24 9	2 41	13 0	0 57	16 18	1 24	15 44	0 40	10 28	1 49	4 26	14 36	3 21	3 1	26 15	10 0	0 38									
T 14	7 55	2n44	0 7	19 8	3 16	9 2	0 58	24 1	2 39	13 4	0 57	16 18	1 24	15 44	0 40	10 27	1 49	4 26	14 36	3 21	2 59	26 16	9 59	0 38									
F 15	8 17	9 34	1n12	19 17	3 16	9 31	0 56	23 52	2 37	13 9	0 57	16 19	1 24	15 43	0 40	10 27	1 49	4 25	14 36	3 21	2 58	26 18	9 58	0 37									
S 16	8 40	16 0	2 29	19 24	3 16	9 59	0 55	23 44	2 35	13 13	0 57	16 19	1 24	15 42	0 40	10 26	1 49	4 25	14 37	3 21	2 57	26 19	9 57	0 37									
S 17	9 2	21 33	3 35	19 27	3 14	10 27	0 53	23 35	2 34	13 17	0 57	16 19	1 23	15 42	0 40	10 26	1 49	4 25	14 37	3 20	2 56	26 20	9 55	0 37									
M18	9 24	25 44	4 27	19 27	3 11	10 55	0 51	23 26	2 32	13 21	0 57	16 19	1 23	15 41	0 40	10 25	1 49	4 24	14 37	3 19	2 54	26 22	9 54	0 37									
T 19	9 46	28 9	5 1	19 24	3 7	11 23	0 49	23 17	2 30	13 25	0 57	16 19	1 23	15 40	0 41	10 25	1 49	4 24	14 37	3 18	2 53	26 23	9 53	0 37									
W20	10 7	28 36	5 15	19 17	3 2	11 51	0 47	23 7	2 28	13 30	0 57	16 19	1 23	15 40	0 41	10 24	1 49	4 24	14 37	3 18	2 52	26 25	9 52	0 37									
T 21	10 29	27 8	5 9	19 7	2 55	12 18	0 45	22 58	2 27	13 34	0 57	16 20	1 23	15 39	0 41	10 23	1 49	4 23	14 37	3 17	2 51	26 26	9 51	0 37									
F 22	10 50	24 3	4 46	18 52	2 47	12 45	0 43	22 48	2 25	13 38	0 57	16 20	1 23	15 39	0 41	10 23	1 49	4 23	14 37	3 17	2 49	26 28	9 50	0 37									
S 23	11 12	19 42	4 7	18 33	2 37	13 12	0 41	22 38	2 23	13 42	0 57	16 20	1 23	15 38	0 41	10 22	1 49	4 23	14 37	3 18	2 48	26 29	9 49	0 37									
S 24	11 33	14 29	3 15	18 9	2 25	13 38	0 39	22 28	2 21	13 47	0 56	16 20	1 23	15 38	0 41	10 22	1 49	4 22	14 37	3 18	2 47	26 31	9 48	0 37									
M25	11 54	8 44	2 15	17 41	2 12	14 4	0 37	22 18	2 20	13 51	0 56	16 19	1 23	15 37	0 41	10 21	1 49	4 22	14 38	3 19	2 46	26 32	9 46	0 37									
T 26	12 14	2 44	1 9	17 9	1 56	14 30	0 34	22 7	2 18	13 55	0 56	16 19	1 23	15 37	0 41	10 21	1 49	4 22	14 38	3 19	2 44	26 33	9 45	0 37									
W27	12 35	3s17	0 1	16 32	1 39	14 55	0 32	21 56	2 16	13 59	0 56	16 19	1 23	15 36	0 41	10 20	1 49	4 21	14 38	3 20	2 43	26 35	9 44	0 36									
T 28	12 55	9 5	1s 7	15 52	1 21	15 20	0 30	21 45	2 14	14 3	0 56	16 19	1 23	15 36	0 41	10 19	1 49	4 21	14 38	3 19	2 42	26 36	9 43	0 36									
F 29	13 15	14 28	2 10	15 9	1 2	15 45	0 28	21 34	2 13	14 7	0 56	16 19	1 23	15 35	0 41	10 19	1 49	4 21	14 38	3 19	2 41	26 38	9 42	0 36									
S 30	13 35	19 16	3 6	14 25	0 41	16 9	0 25	21 23	2 11	14 12	0 56	16 19	1 23	15 35	0 41	10 18	1 49	4 21	14 38	3 17	2 39	26 39	9 41	0 36									
S 31	13s55	23s14	3s54	13s40	0s21	16s32	0n23	21s12	2s 9	14s16	0n56	16s18	1s23	15n34	0n41	10n18	1s49	4n20	14s38	3n15	2n38	26s40	9n40	0n36									

ASTRODIENST EPHEMERIS for the year 1875
geocentric

NOVEMBER 1875

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	2 39 30	8♍10'34	8♊38	4°R11	18♍11	5♊22	11♍15	19♊27	19♎42	1°R28	22°R55	8°R 7	6♊35	10♊56	23°R22	M 1
T 2	2 43 26	9°10'41	20°28	3♍ 2	19°26	6° 3	11°28	19°28	19°44	1♊26	22♊54	8♊ 1	6°32	11° 2	23♊20	T 2
W 3	2 47 23	10°10'49	2♊19	1°59	20°41	6°44	11°42	19°29	19°45	1°25	22°53	7°56	6°28	11° 9	23°17	W 3
T 4	2 51 19	11°10'59	14°14	1° 6	21°57	7°25	11°55	19°30	19°46	1°23	22°52	7°51	6°25	11°16	23°14	T 4
F 5	2 55 16	12°11'11	26°16	0°23	23°12	8° 6	12° 8	19°31	19°47	1°21	22°51	7°48	6°22	11°23	23°11	F 5
S 6	2 59 13	13°11'25	8♊30	29♊51	24°27	8°47	12°21	19°33	19°49	1°20	22°50	7°D47	6°19	11°29	23° 9	S 6
S 7	3 3 9	14°11'39	21° 0	29°30	25°42	9°28	12°34	19°34	19°50	1°18	22°49	7°47	6°16	11°36	23° 6	S 7
M 8	3 7 6	15°11'55	3♊51	29°D22	26°57	10°10	12°48	19°36	19°51	1°16	22°48	7°48	6°13	11°43	23° 4	M 8
T 9	3 11 2	16°12'13	17° 7	29°24	28°12	10°51	13° 1	19°37	19°52	1°15	22°47	7°50	6° 9	11°49	23° 1	T 9
W10	3 14 59	17°12'32	0♊50	29°38	29°27	11°33	13°14	19°39	19°53	1°13	22°46	7°R51	6° 6	11°56	22°58	W10
T 11	3 18 55	18°12'52	15° 1	0♍ 1	0♊42	12°14	13°27	19°40	19°53	1°12	22°44	7°51	6° 3	12° 3	22°56	T 11
F 12	3 22 52	19°13'15	29°39	0°34	1°57	12°56	13°40	19°42	19°54	1°10	22°43	7°49	6° 0	12°10	22°53	F 12
S 13	3 26 48	20°13'38	14♊38	1°15	3°12	13°38	13°53	19°44	19°55	1° 8	22°42	7°45	5°57	12°16	22°51	S 13
S 14	3 30 45	21°14'03	29°50	2° 3	4°27	14°20	14° 7	19°46	19°56	1° 7	22°41	7°40	5°53	12°23	22°48	S 14
M15	3 34 42	22°14'30	15♊ 4	2°58	5°42	15° 1	14°20	19°49	19°56	1° 5	22°40	7°33	5°50	12°30	22°46	M15
T 16	3 38 38	23°14'59	0♊11	3°59	6°57	15°43	14°33	19°51	19°57	1° 4	22°39	7°26	5°47	12°36	22°44	T 16
W17	3 42 35	24°15'30	15° 1	5° 4	8°13	16°25	14°46	19°53	19°57	1° 2	22°38	7°19	5°44	12°43	22°41	W17
T 18	3 46 31	25°16'02	29°26	6°14	9°28	17° 7	14°59	19°56	19°58	1° 1	22°37	7°15	5°41	12°50	22°39	T 18
F 19	3 50 28	26°16'36	13♊26	7°28	10°43	17°50	15°12	19°58	19°58	0°59	22°35	7°12	5°38	12°57	22°37	F 19
S 20	3 54 24	27°17'12	26°58	8°45	11°58	18°32	15°25	20° 1	19°59	0°58	22°34	7°D11	5°34	13° 3	22°34	S 20
S 21	3 58 21	28°17'49	10♍ 6	10° 4	13°13	19°14	15°38	20° 4	19°59	0°56	22°33	7°12	5°31	13°10	22°32	S 21
M22	4 2 17	29°18'29	22°52	11°26	14°28	19°56	15°51	20° 6	19°59	0°55	22°32	7°13	5°28	13°17	22°30	M22
T 23	4 6 14	0♊19'09	5♊21	12°50	15°43	20°39	16° 4	20° 9	19°59	0°53	22°31	7°R13	5°25	13°23	22°28	T 23
W24	4 10 11	1°19'52	17°37	14°15	16°58	21°21	16°17	20°12	19°59	0°52	22°30	7°13	5°22	13°30	22°26	W24
T 25	4 14 7	2°20'36	29°43	15°42	18°13	22° 4	16°30	20°15	19°59	0°51	22°29	7°10	5°19	13°37	22°24	T 25
F 26	4 18 4	3°21'22	11♍42	17°10	19°28	22°46	16°43	20°19	19°R59	0°49	22°28	7° 5	5°15	13°44	22°22	F 26
S 27	4 22 0	4°22'08	23°37	18°39	20°43	23°29	16°56	20°22	19°59	0°48	22°27	6°57	5°12	13°50	22°20	S 27
S 28	4 25 57	5°22'57	5♊30	20° 8	21°58	24°11	17° 9	20°25	19°59	0°47	22°25	6°46	5° 9	13°57	22°18	S 28
M29	4 29 53	6°23'46	17°21	21°39	23°13	24°54	17°22	20°29	19°59	0°45	22°24	6°34	5° 6	14° 4	22°16	M29
T 30	4 33 50	7♊24'37	29♊13	23♍ 9	24♊29	25♊37	17♍35	20♊32	19♎59	0♊44	22♊23	6♊22	5♊ 3	14♊10	22♊14	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
M 1	14s15	26s14	4s32	12s55	0n 0	16s56	0n21	21s 0	2s 8	14s20	0n56	16s18	1s22	15n34	0n41	10n17	1s49	4n20	14s38	3n13	2n37	26s42	9n39	0n36	
T 2	14 34	28 3	4 57	12 13	0 20	17 19	0 18	20 48	2 6	14 24	0 56	16 18	1 22	15 34	0 41	10 16	1 49	4 20	14 38	3 11	2 36	26 43	9 37	0 36	
W 3	14 53	28 36	5 10	11 33	0 39	17 41	0 16	20 36	2 4	14 28	0 56	16 17	1 22	15 33	0 41	10 16	1 49	4 19	14 38	3 9	2 34	26 44	9 36	0 36	
T 4	15 12	27 50	5 10	10 58	0 57	18 3	0 14	20 24	2 3	14 32	0 56	16 17	1 22	15 33	0 41	10 15	1 49	4 19	14 38	3 7	2 33	26 46	9 35	0 36	
F 5	15 30	25 45	4 56	10 28	1 14	18 24	0 11	20 12	2 1	14 36	0 56	16 17	1 22	15 33	0 41	10 15	1 49	4 19	14 38	3 6	2 32	26 47	9 34	0 36	
S 6	15 49	22 28	4 28	10 3	1 28	18 45	0 9	20 0	1 59	14 40	0 56	16 16	1 22	15 32	0 41	10 14	1 49	4 18	14 38	3 5	2 31	26 48	9 33	0 36	
S 7	16 7	18 6	3 47	9 44	1 41	19 6	0 6	19 47	1 58	14 44	0 56	16 16	1 22	15 32	0 41	10 14	1 49	4 18	14 38	3 5	2 29	26 50	9 32	0 35	
M 8	16 24	12 49	2 54	9 31	1 52	19 26	0 4	19 34	1 56	14 48	0 56	16 15	1 22	15 32	0 41	10 13	1 49	4 18	14 38	3 6	2 28	26 51	9 31	0 35	
T 9	16 42	6 47	1 50	9 23	2 1	19 45	0 1	19 21	1 54	14 52	0 56	16 14	1 22	15 31	0 41	10 13	1 49	4 18	14 38	3 7	2 27	26 52	9 30	0 35	
W10	16 59	0 15	0 38	9 21	2 8	20 4	0s 1	19 8	1 53	14 56	0 56	16 14	1 22	15 31	0 41	10 12	1 49	4 17	14 38	3 7	2 26	26 53	9 29	0 35	
T 11	17 16	6n31	0n39	9 24	2 14	20 22	0 4	18 55	1 51	15 0	0 56	16 13	1 22	15 31	0 41	10 12	1 49	4 17	14 38	3 7	2 24	26 55	9 28	0 35	
F 12	17 33	13 9	1 55	9 32	2 17	20 40	0 6	18 42	1 49	15 4	0 56	16 13	1 22	15 31	0 42	10 11	1 49	4 17	14 38	3 6	2 23	26 56	9 27	0 35	
S 13	17 49	19 12	3 6	9 44	2 20	20 57	0 8	18 28	1 48	15 8	0 55	16 12	1 22	15 31	0 42	10 10	1 49	4 17	14 38	3 5	2 22	26 57	9 26	0 35	
S 14	18 5	24 6	4 4	9 59	2 21	21 14	0 11	18 14	1 46	15 12	0 55	16 11	1 22	15 30	0 42	10 10	1 49	4 16	14 38	3 3	2 20	26 59	9 25	0 35	
M15	18 21	27 20	4 45	10 18	2 21	21 30	0 13	18 0	1 45	15 16	0 55	16 10	1 21	15 30	0 42	10 9	1 49	4 16	14 38	3 0	2 19	27 0	9 24	0 35	
T 16	18 36	28 33	5 5	10 39	2 20	21 45	0 16	17 46	1 43	15 20	0 55	16 10	1 21	15 30	0 42	10 9	1 49	4 16	14 38	2 57	2 18	27 1	9 23	0 35	
W17	18 51	27 40	5 5	11 3	2 18	22 0	0 18	17 32	1 41	15 24	0 55	16 9	1 21	15 30	0 42	10 8	1 49	4 16	14 38	2 55	2 17	27 2	9 22	0 34	
T 18	19 6	24 56	4 45	11 29	2 15	22 14	0 21	17 18	1 40	15 28	0 55	16 8	1 21	15 30	0 42	10 8	1 49	4 15	14 38	2 53	2 15	27 3	9 21	0 34	
F 19	19 20	20 46	4 9	11 56	2 12	22 27	0 23	17 4	1 38	15 32	0 55	16 7	1 21	15 30	0 42	10 7	1 49	4 15	14 38	2 52	2 14	27 5	9 20	0 34	
S 20	19 34	15 39	3 19	12 25	2 8	22 40	0 26	16 49	1 37	15 35	0 55	16 6	1 21	15 30	0 42	10 7	1 49	4 15	14 38	2 51	2 13	27 6	9 19	0 34	
S 21	19 48	9 58	2 21	12 54	2 3	22 52	0 28	16 34	1 35	15 39	0 55	16 5	1 21	15 30	0 42	10 6	1 49	4 15	14 38	2 51	2 12	27 7	9 18	0 34	
M22	20 1	4 0	1 16	13 24	1 58	23 4	0 31	16 19	1 33	15 43	0 55	16 4	1 21	15 30	0 42	10 6	1 49	4 15	14 38	2 52	2 10	27 8	9 17	0 34	
T 23	20 14	1s58	0 10	13 55	1 52	23 14	0 33	16 4	1 32	15 47	0 55	16 3	1 21	15 30	0 42	10 5	1 49	4 14	14 38	2 52	2 9	27 10	9 16	0 34	
W24	20 27	7 46	0s56	14 26	1 47	23 24	0 35	15 49	1 30	15 50	0 55	16 2	1 21	15 30	0 42	10 5	1 49	4 14	14 38	2 52	2 8	27 11	9 16	0 34	
T 25	20 39	13 13	1 58	14 57	1 40	23 34	0 38	15 34	1 29	15 54	0 55	16 1	1 21	15 30	0 42	10 5	1 49	4 14	14 38	2 51	2 7	27 12	9 15	0 34	
F 26	20 51	18 7	2 54	15 28	1 34	23 42	0 40	15 19	1 27	15 58	0 55	16 0	1 21	15 30	0 42	10 4	1 49	4 14	14 38	2 49	2 5	27 13	9 14	0 34	
S 27	21 2	22 16	3 42	15 59	1 27	23 50	0 42	15 3	1 26	16 1	0 55	15 59	1 21	15 30	0 42	10 4	1 49	4 14	14 38	2 46	2 4	27 14	9 13	0 33	
S 28	21 13	25 30	4 20	16 30	1 21	23 58	0 45	14 48	1 24	16 5	0 55	15 58	1 21	15 30	0 42	10 3	1 49	4 13	14 37	2 41	2 3	27 15	9 12	0 33	
M29	21 24	27 36	4 46	17 0	1 14	24 4	0 47	14 32	1 23	16 9	0 55	15 57	1 21	15 30	0 42	10 3	1 49	4 13	14 37	2 37	2 2	27 16	9 11	0 33	
T 30	21s34	28s28	5s 0	17s30	1n 7	24s10	0s49	14s16	1s21	16s12	0n55	15s56	1s20	15n30	0n42	10n 2	1s49	4n13	14s37	2n32	2n 0	27s18	9n11	0n33	

ASTRODIENST EPHEMERIS for the year 1875
geocentric

DECEMBER 1875

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	4 37 46	8°25'29	11°37' 7	24♈41	25°24'44	26°22'20	17♉47	20°22'36	19°R59	0°R43	22°R22	6°R10	4°Y59	14°21'17	22°R12	W 1
T 2	4 41 43	9°26'22	23° 4	26°12	26°59	27° 3	18° 0	20°40	19°Ω58	0°Ω41	22°Ω21	5°Y59	4°56	14°24	22°Y11	T 2
F 3	4 45 40	10°27'16	5° 8	27°44	28°14	27°45	18°13	20°44	19°58	0°40	22°20	5°51	4°53	14°31	22° 9	F 3
S 4	4 49 36	11°28'10	17°21	29°16	29°29	28°28	18°26	20°47	19°58	0°39	22°19	5°46	4°50	14°37	22° 7	S 4
S 5	4 53 33	12°29'06	29°48	0°24'49	0°34'44	29°11	18°38	20°51	19°57	0°38	22°18	5°43	4°47	14°44	22° 6	S 5
M 6	4 57 29	13°30'02	12°32	2°21	1°59	29°54	18°51	20°56	19°57	0°37	22°17	5°D42	4°44	14°51	22° 4	M 6
T 7	5 1 26	14°30'58	25°39	3°54	3°14	0°37	19° 3	21° 0	19°56	0°36	22°16	5°42	4°40	14°57	22° 3	T 7
W 8	5 5 22	15°31'56	9°Y10	5°27	4°29	1°20	19°16	21° 4	19°55	0°35	22°15	5°R42	4°37	15° 4	22° 1	W 8
T 9	5 9 19	16°32'54	23°11	6°59	5°44	2° 3	19°28	21° 8	19°55	0°33	22°14	5°41	4°34	15°11	22° 0	T 9
F 10	5 13 15	17°33'52	7°B39	8°32	6°59	2°46	19°41	21°13	19°54	0°32	22°13	5°38	4°31	15°18	21°59	F 10
S 11	5 17 12	18°34'52	22°34	10° 6	8°14	3°30	19°53	21°17	19°53	0°31	22°12	5°32	4°28	15°24	21°57	S 11
S 12	5 21 9	19°35'52	7°II47	11°39	9°29	4°13	20° 6	21°22	19°52	0°30	22°11	5°23	4°25	15°31	21°56	S 12
M13	5 25 5	20°36'53	23° 9	13°12	10°44	4°56	20°18	21°26	19°51	0°30	22°10	5°12	4°21	15°38	21°55	M13
T 14	5 29 2	21°37'54	8°Ω28	14°45	11°59	5°39	20°30	21°31	19°50	0°29	22° 9	5° 1	4°18	15°44	21°54	T 14
W15	5 32 58	22°38'57	23°33	16°19	13°14	6°22	20°42	21°36	19°49	0°28	22° 8	4°50	4°15	15°51	21°53	W15
T 16	5 36 55	23°40'00	8°Ω14	17°53	14°29	7° 5	20°54	21°41	19°48	0°27	22° 7	4°42	4°12	15°58	21°52	T 16
F 17	5 40 51	24°41'04	22°27	19°26	15°44	7°49	21° 7	21°46	19°47	0°26	22° 6	4°36	4° 9	16° 5	21°51	F 17
S 18	5 44 48	25°42'09	6°Π 9	21° 0	16°59	8°32	21°19	21°51	19°46	0°25	22° 5	4°32	4° 5	16°11	21°50	S 18
S 19	5 48 45	26°43'14	19°21	22°34	18°14	9°15	21°31	21°56	19°45	0°24	22° 4	4°31	4° 2	16°18	21°49	S 19
M20	5 52 41	27°44'21	2°Δ 8	24° 9	19°28	9°58	21°42	22° 1	19°43	0°24	22° 3	4°31	3°59	16°25	21°48	M20
T 21	5 56 38	28°45'28	14°35	25°43	20°43	10°42	21°54	22° 6	19°42	0°23	22° 2	4°31	3°56	16°31	21°47	T 21
W22	6 0 34	29°46'36	26°46	27°18	21°58	11°25	22° 6	22°11	19°41	0°22	22° 2	4°29	3°53	16°38	21°47	W22
T 23	6 4 31	0°37'44	8°Π46	28°52	23°13	12° 8	22°18	22°17	19°39	0°22	22° 1	4°25	3°50	16°45	21°46	T 23
F 24	6 8 27	1°48'53	20°39	0°32'28	24°28	12°51	22°29	22°22	19°38	0°21	22° 0	4°18	3°46	16°52	21°46	F 24
S 25	6 12 24	2°50'03	2°21'30	2° 3	25°43	13°35	22°41	22°28	19°36	0°20	21°59	4° 8	3°43	16°58	21°45	S 25
S 26	6 16 20	3°51'13	14°20	3°38	26°58	14°18	22°53	22°33	19°35	0°20	21°58	3°56	3°40	17° 5	21°45	S 26
M27	6 20 17	4°52'24	26°13	5°14	28°13	15° 1	23° 4	22°39	19°33	0°19	21°57	3°41	3°37	17°12	21°44	M27
T 28	6 24 14	5°53'35	8°Ω 8	6°50	29°27	15°45	23°15	22°45	19°32	0°19	21°57	3°26	3°34	17°19	21°44	T 28
W29	6 28 10	6°54'46	20° 8	8°27	0°44'2	16°28	23°27	22°50	19°30	0°18	21°56	3°11	3°31	17°25	21°44	W29
T 30	6 32 7	7°55'57	2°Δ14	10° 4	1°57	17°11	23°38	22°56	19°28	0°18	21°55	2°57	3°27	17°32	21°43	T 30
F 31	6 36 3	8°57'08	14°26	11°34	3°Δ12	17°55	23°49	23° 2	19°Ω26	0°18	21°54	2°Y47	3°Y24	17°39	21°Y43	F 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	21s44	28s 0	5s 2	17s59	1n 0	24s15	0s52	14s 0	1s20	16s16	0n55	15s54	1s20	15n30
T 2	21 53	26 14	4 50	18 28	0 53	24 19	0 54	13 44	1 18	16 19	0 55	15 53	1 20	15 30
F 3	22 2	23 16	4 25	18 56	0 45	24 23	0 56	13 28	1 17	16 23	0 55	15 52	1 20	15 30
S 4	22 11	19 15	3 47	19 23	0 38	24 25	0 58	13 12	1 15	16 26	0 55	15 50	1 20	15 31
S 5	22 19	14 20	2 58	19 50	0 31	24 27	1 0	12 55	1 14	16 30	0 55	15 49	1 20	15 31
M 6	22 26	8 42	2 0	20 15	0 24	24 29	1 2	12 39	1 12	16 33	0 55	15 48	1 20	15 31
T 7	22 34	2 33	0 53	20 40	0 17	24 29	1 4	12 22	1 11	16 37	0 55	15 46	1 20	15 31
W 8	22 40	3n55	0n18	21 4	0 10	24 29	1 6	12 5	1 10	16 40	0 55	15 45	1 20	15 31
T 9	22 47	10 26	1 31	21 27	0 3	24 28	1 8	11 49	1 8	16 44	0 55	15 44	1 20	15 32
F 10	22 53	16 36	2 41	21 49	0s 4	24 26	1 10	11 32	1 7	16 47	0 55	15 42	1 20	15 32
S 11	22 58	21 59	3 41	22 10	0 11	24 24	1 12	11 15	1 5	16 50	0 55	15 41	1 20	15 32
S 12	23 3	26 1	4 27	22 30	0 18	24 21	1 14	10 58	1 4	16 54	0 55	15 39	1 20	15 33
M13	23 8	28 11	4 54	22 48	0 25	24 17	1 15	10 41	1 3	16 57	0 55	15 37	1 20	15 33
T 14	23 12	28 11	5 0	23 6	0 31	24 12	1 17	10 24	1 1	17 0	0 55	15 36	1 20	15 33
W15	23 15	26 5	4 45	23 23	0 38	24 6	1 19	10 6	1 0	17 3	0 55	15 34	1 20	15 34
T 16	23 18	22 16	4 11	23 38	0 44	24 3	1 20	9 49	0 58	17 6	0 55	15 33	1 20	15 34
F 17	23 21	17 14	3 23	23 52	0 50	23 53	1 22	9 32	0 57	17 10	0 55	15 31	1 20	15 34
S 18	23 23	11 30	2 24	24 5	0 56	23 46	1 23	9 14	0 56	17 13	0 55	15 29	1 20	15 35
S 19	23 25	5 26	1 19	24 17	1 2	23 37	1 25	8 57	0 54	17 16	0 55	15 28	1 19	15 35
M20	23 26	0s40	0 13	24 27	1 7	23 28	1 26	8 39	0 53	17 19	0 55	15 26	1 19	15 36
T 21	23 27	6 34	0s53	24 36	1 13	23 18	1 28	8 22	0 52	17 22	0 56	15 24	1 19	15 36
W22	23 27	12 6	1 55	24 44	1 18	23 8	1 29	8 4	0 50	17 25	0 56	15 22	1 19	15 37
T 23	23 27	17 7	2 50	24 50	1 23	22 56	1 30	7 46	0 49	17 28	0 56	15 21	1 19	15 37
F 24	23 27	21 25	3 38	24 56	1 28	22 44	1 31	7 28	0 48	17 31	0 56	15 19	1 19	15 38
S 25	23 26	24 51	4 15	24 59	1 33	22 32	1 32	7 11	0 46	17 34	0 56	15 17	1 19	15 38
S 26	23 24	27 12	4 42	25 2	1 37	22 19	1 33	6 53	0 45	17 36	0 56	15 15	1 19	15 39
M27	23 22	28 20	4 56	25 3	1 41	22 5	1 34	6 35	0 44	17 39	0 56	15 13	1 19	15 39
T 28	23 20	28 10	4 58	25 2	1 45	21 50	1 35	6 17	0 43	17 42	0 56	15 11	1 19	15 40
W29	23 17	26 40	4 46	25 0	1 49	21 35	1 36	5 59	0 41	17 45	0 56	15 10	1 19	15 40
T 30	23 13	23 55	4 21	24 57	1 52	21 19	1 37	5 41	0 40	17 48	0 56	15 8	1 19	15 41
F 31	23s 9	20s 5	3s45	24s52	1s55	21s 2	1s38	5s23	0s39	17s50	0n56	15s 6	1s19	15n41

Julian Day Number = 2406223.5, Delta T = -1.57 sec
Ecliptic obliquity = 23°27'28", Nutation = - 0°00'02", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'27", Lahiri = 22°07'27"