



Astrodienst Ephemeris Tables for the year 2105

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 2105
geocentric

JANUARY 2105

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 42 8	10 ²³ 16	14 ⁵ 13	28 ⁷ 56	26 ⁸ 56	13 ³ 32	0 ¹ 17	19 ⁷ 6	8 ⁸ R 0	28 ⁸ R17	7 ⁸ R15	15 ⁸ R24	14 ⁷ 15	5 ¹¹ 50	20 ² 52	T 1	
F 2	6 46 5	11 ⁰ 24'24	28 ⁸ 12	0 ³ 28	27 ⁵ 50	14 ¹ 18	0 ⁰ 28	19 ¹ 13	8 ⁸ 0	28 ¹⁷ 17	7 ⁸ 15	15 ⁸ 21	14 ⁷ 12	5 ⁵ 57	20 ² 58	F 2	
S 3	6 50 1	12 ² 25'31	11 ¹ 51	2 ⁰ 1	28 ⁴ 43	15 ¹ 4	0 ⁰ 40	19 ¹ 20	7 ⁵ 59	28 ¹⁷ 17	7 ¹ 15	15 ¹ 17	14 ⁰ 9	6 ⁶ 4	21 ⁰ 4	S 3	
S 4	6 53 58	13 ⁰ 26'39	25 ⁰ 8	3 ³ 33	29 ³ 35	15 ¹ 50	0 ⁰ 52	19 ¹ 26	7 ⁵ 58	28 ¹⁷ 17	7 ¹ 14	15 ¹ 12	14 ⁰ 5	6 ⁶ 10	21 ⁰ 9	S 4	
M 5	6 57 54	14 ⁰ 27'47	8 ¹¹ 2	5 ⁰ 6	0 ¹ 27	16 ¹ 36	1 ⁰ 4	19 ¹ 33	7 ⁵ 58	28 ¹⁷ 17	7 ¹ 14	15 ¹ 8	14 ⁰ 2	6 ⁶ 17	21 ⁰ 15	M 5	
T 6	7 1 51	15 ⁰ 28'56	20 ⁰ 36	6 ³ 39	1 ¹ 18	17 ¹ 22	1 ¹ 16	19 ¹ 40	7 ⁵ 57	28 ¹⁶ 16	7 ¹ 14	15 ¹ 4	13 ⁰ 59	6 ⁶ 24	21 ⁰ 20	T 6	
W 7	7 5 48	16 ⁰ 30'04	2 ¹² 51	8 ¹ 13	2 ⁰ 8	18 ⁰ 8	1 ¹ 28	19 ¹ 46	7 ⁵ 57	28 ¹⁶ 16	7 ¹ 13	15 ¹ 2	13 ⁰ 56	6 ⁶ 30	21 ⁰ 26	W 7	
T 8	7 9 44	17 ⁰ 31'13	14 ⁰ 53	9 ⁰ 47	2 ⁵ 57	18 ⁰ 55	1 ¹ 41	19 ¹ 53	7 ⁵ 56	28 ¹⁶ 16	7 ¹ 13	15 ¹ D 1	13 ⁰ 53	6 ⁶ 37	21 ⁰ 32	T 8	
F 9	7 13 41	18 ⁰ 32'22	26 ⁰ 46	11 ⁰ 22	3 ⁴ 45	19 ⁰ 41	1 ⁵ 53	19 ¹ 59	7 ⁵ 56	28 ¹⁶ 16	7 ¹ 13	15 ¹ 0	13 ⁰ 49	6 ⁶ 44	21 ⁰ 37	F 9	
S 10	7 17 37	19 ⁰ 33'31	8 ¹¹ 35	12 ⁰ 56	4 ³ 33	20 ⁰ 27	2 ⁰ 5	20 ⁰ 6	7 ⁵ 56	28 ¹⁵ 15	7 ¹ 12	15 ¹ 2	13 ⁰ 46	6 ⁶ 50	21 ⁰ 43	S 10	
S 11	7 21 34	20 ⁰ 34'40	20 ⁰ 25	14 ⁰ 32	5 ¹ 19	21 ⁰ 13	2 ⁰ 18	20 ⁰ 12	7 ⁵ 55	28 ¹⁵ 15	7 ¹ 12	15 ¹ 4	13 ⁰ 43	6 ⁶ 57	21 ⁰ 49	S 11	
M 12	7 25 30	21 ⁰ 35'49	2 ¹² 22	16 ⁰ 7	6 ⁰ 5	22 ⁰ 0	2 ⁰ 31	20 ⁰ 19	7 ⁵ 55	28 ¹⁴ 14	7 ¹ 12	15 ¹ 6	13 ⁰ 40	7 ⁰ 4	21 ⁰ 54	M 12	
T 13	7 29 27	22 ⁰ 36'58	14 ⁰ 29	17 ⁰ 43	6 ⁴ 49	22 ⁰ 46	2 ⁰ 43	20 ⁰ 25	7 ⁵ 55	28 ¹⁴ 14	7 ¹ 12	15 ¹ R 7	13 ⁰ 37	7 ¹ 10	22 ⁰ 0	T 13	
W 14	7 33 23	23 ⁰ 38'08	26 ⁰ 49	19 ⁰ 20	7 ³ 33	23 ⁰ 33	2 ⁵ 56	20 ⁰ 32	7 ⁵ 55	28 ¹³ 13	7 ¹ 12	15 ¹ 6	13 ⁰ 34	7 ¹ 17	22 ⁰ 6	W 14	
T 15	7 37 20	24 ⁰ 39'17	9 ¹² 26	20 ⁰ 57	8 ¹ 15	24 ⁰ 19	3 ⁰ 9	20 ⁰ 38	7 ⁵ 55	28 ¹³ 13	7 ¹ 12	15 ¹ 3	13 ⁰ 30	7 ¹ 24	22 ⁰ 11	T 15	
F 16	7 41 17	25 ⁰ 40'25	22 ⁰ 20	22 ⁰ 34	8 ⁵ 57	25 ⁰ 6	3 ⁰ 22	20 ⁰ 44	7 ⁵ D55	28 ¹² 12	7 ¹ 11	14 ⁰ 59	13 ⁰ 27	7 ¹ 31	22 ⁰ 17	F 16	
S 17	7 45 13	26 ⁰ 41'33	5 ¹² 31	24 ⁰ 12	9 ³ 37	25 ⁰ 52	3 ⁰ 35	20 ⁰ 50	7 ⁵ 55	28 ¹² 12	7 ¹ 11	14 ⁰ 52	13 ⁰ 24	7 ¹ 37	22 ⁰ 23	S 17	
S 18	7 49 10	27 ⁰ 42'41	18 ⁰ 58	25 ⁰ 50	10 ¹ 16	26 ⁰ 39	3 ⁰ 48	20 ⁰ 57	7 ⁵ 55	28 ¹¹ 11	7 ¹ 11	14 ⁰ 45	13 ⁰ 21	7 ¹ 44	22 ⁰ 28	S 18	
M 19	7 53 6	28 ⁰ 43'48	2 ¹³ 39	27 ⁰ 29	10 ¹ 53	27 ⁰ 25	4 ⁰ 1	21 ⁰ 3	7 ⁵ 55	28 ¹¹ 11	7 ¹ 11	14 ⁰ 37	13 ⁰ 18	7 ¹ 51	22 ⁰ 34	M 19	
T 20	7 57 3	29 ⁰ 44'54	16 ⁰ 30	29 ⁰ 9	11 ¹ 29	28 ⁰ 12	4 ⁰ 14	21 ⁰ 9	7 ⁵ 55	28 ¹⁰ 10	7 ¹ 11	14 ⁰ 30	13 ⁰ 15	7 ¹ 57	22 ⁰ 40	T 20	
W 21	8 0 59	0 ¹² 46'00	0 ¹² 28	0 ¹² 49	12 ⁰ 4	28 ⁰ 59	4 ⁰ 27	21 ⁰ 15	7 ⁵ 55	28 ⁹ 9	7 ¹ D11	14 ⁰ 24	13 ⁰ 11	8 ⁰ 4	22 ⁰ 45	W 21	
T 22	8 4 56	1 ⁰ 47'05	14 ⁰ 32	2 ³ 30	12 ¹ 38	29 ⁰ 45	4 ⁰ 40	21 ⁰ 21	7 ⁵ 56	28 ⁹ 9	7 ¹ 11	14 ⁰ 21	13 ⁰ 8	8 ¹ 11	22 ⁰ 51	T 22	
F 23	8 8 52	2 ⁰ 48'08	28 ⁰ 38	4 ¹ 11	13 ⁰ 9	0 ¹² 32	4 ⁰ 54	21 ⁰ 27	7 ⁵ 56	28 ⁸ 8	7 ¹ 11	14 ⁰ D19	13 ⁰ 5	8 ¹ 17	22 ⁰ 56	F 23	
S 24	8 12 49	3 ⁰ 49'11	12 ¹³ 45	5 ⁰ 52	13 ¹ 40	1 ¹ 19	5 ⁰ 7	21 ⁰ 33	7 ⁵ 56	28 ⁷ 7	7 ¹ 11	14 ⁰ 20	13 ⁰ 2	8 ¹ 24	23 ⁰ 2	S 24	
S 25	8 16 46	4 ⁰ 50'13	26 ⁰ 52	7 ³ 35	14 ⁰ 8	2 ⁰ 6	5 ⁰ 20	21 ⁰ 39	7 ⁵ 57	28 ⁶ 6	7 ¹ 11	14 ⁰ 21	12 ⁰ 59	8 ¹ 31	23 ⁰ 8	S 25	
M 26	8 20 42	5 ⁰ 51'14	10 ¹² 58	9 ¹ 17	14 ¹ 35	2 ⁵ 53	5 ⁰ 34	21 ⁰ 44	7 ⁵ 57	28 ⁵ 5	7 ¹ 11	14 ⁰ R22	12 ⁰ 55	8 ¹ 37	23 ⁰ 13	M 26	
T 27	8 24 39	6 ⁰ 52'14	25 ⁰ 1	11 ⁰ 1	15 ⁰ 0	3 ³ 39	5 ⁰ 47	21 ⁰ 50	7 ⁵ 58	28 ⁴ 4	7 ¹ 12	14 ⁰ 21	12 ⁰ 52	8 ¹ 44	23 ⁰ 19	T 27	
W 28	8 28 35	7 ⁰ 53'13	8 ¹² 59	12 ⁰ 44	15 ¹ 24	4 ² 26	6 ⁰ 1	21 ⁰ 56	7 ⁵ 59	28 ⁴ 4	7 ¹ 12	14 ⁰ 18	12 ⁰ 49	8 ¹ 51	23 ⁰ 24	W 28	
T 29	8 32 32	8 ⁰ 54'11	22 ⁰ 49	14 ⁰ 29	15 ¹ 45	5 ¹ 13	6 ¹ 15	22 ⁰ 1	7 ⁵ 59	28 ³ 3	7 ¹ 12	14 ⁰ 13	12 ⁰ 46	8 ¹ 57	23 ⁰ 30	T 29	
F 30	8 36 28	9 ⁰ 55'07	6 ¹² 28	16 ⁰ 13	16 ⁰ 5	6 ⁰ 0	6 ¹ 28	22 ⁰ 7	8 ⁰ 0	28 ² 2	7 ¹ 12	14 ⁰ 6	12 ⁰ 43	9 ⁰ 4	23 ⁰ 35	F 30	
S 31	8 40 25	10 ⁰ 56'03	19 ¹³ 52	17 ¹ 59	16 ¹ 22	6 ¹ 47	6 ¹ 42	22 ⁰ 12	8 ⁰ 1	28 ¹ 1	7 ¹ 12	13 ⁰ 56	12 ⁰ 40	9 ¹ 11	23 ⁰ 41	S 31	

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23s 1	20n 9	2s32	24s 0	0s35	13s23	0s55	23s38	0s54	12s17	0s59	21s36	1n23	13n45	0s27	1n48	1n13	1s49	16s37	22s38	22s30	16s29	15s30	6n22	
F 2	22 56	17 1	3 34	24 7	0 42	12 59	0 49	23 34	0 54	12 13	0 59	21 36	1 23	13 45	0 27	1 48	1 13	1 49	16 36	22 37	22 29	16 30	15 30	6 22	
S 3	22 51	13 2	4 22	24 13	0 48	12 34	0 42	23 29	0 55	12 9	0 59	21 37	1 23	13 45	0 27	1 48	1 13	1 49	16 36	22 37	22 29	16 32	15 29	6 27	
S 4	22 45	8 31	4 54	24 17	0 54	12 10	0 35	23 24	0 55	12 4	0 59	21 37	1 23	13 44	0 26	1 48	1 13	1 48	16 36	22 36	22 29	16 33	15 28	6 22	
M 5	22 38	3 44	5 11	24 20	1 0	11 45	0 28	23 19	0 56	12 0	0 59	21 38	1 23	13 44	0 26	1 49	1 13	1 48	16 35	22 36	22 28	16 35	15 27	6 22	
T 6	22 32	1s 3	5 12	24 21	1 6	11 20	0 21	23 13	0 56	11 56	0 58	21 39	1 23	13 44	0 26	1 49	1 14	1 48	16 35	22 35	22 28	16 37	15 26	6 22	
W 7	22 24	5 42	4 58	24 21	1 11	10 55	0 13	23 8	0 56	11 51	0 58	21 39	1 23	13 44	0 26	1 49	1 14	1 48	16 35	22 35	22 28	16 38	15 26	6 22	
T 8	22 17	10 2	4 32	24 20	1 17	10 30	0 5	23 1	0 57	11 47	0 58	21 40	1 23	13 44	0 26	1 49	1 14	1 48	16 34	22 35	22 27	16 40	15 25	6 22	
F 9	22 9	13 57	3 54	24 18	1 22	10 5	0n 3	22 55	0 57	11 42	0 58	21 40	1 23	13 44	0 26	1 49	1 14	1 47	16 34	22 35	22 27	16 41	15 24	6 22	
S 10	22 0	17 18	3 6	24 14	1 27	9 40	0 11	22 49	0 57	11 38	0 58	21 40	1 23	13 44	0 26	1 49	1 14	1 47	16 34	22 35	22 26	16 43	15 23	6 22	
S 11	21 51	19 57	2 11	24 9	1 31	9 15	0 19	22 42	0 57	11 33	0 58	21 41	1 23	13 44	0 26	1 49	1 14	1 47	16 33	22 35	22 26	16 44	15 22	6 22	
M 12	21 42	21 45	1 9	24 2	1 36	8 51	0 28	22 35	0 58	11 29	0 58	21 41	1 23	13 44	0 26	1 50	1 14	1 47	16 33	22 36	22 26	16 46	15 21	6 22	
T 13	21 32	22 35	0 3	23 54	1 40	8 26	0 37	22 28	0 58	11 24	0 58	21 42	1 23	13 44	0 26	1 50	1 14	1 46	16 33	22 36	22 25	16 47	15 20	6 22	
W 14	21 21	22 20	1n 3	23 45	1 44	8 1	0 46	22 20	0 58	11 19	0 58	21 42	1 23	13 44	0 26	1 50	1 14	1 46	16 32	22 36	22 25	16 49	15 20	6 22	
T 15	21 11	20 57	2 8	23 34	1 48	7 37	0 55	22 12	0 59	11 15	0 58	21 43	1 23	13 44	0 26	1 50	1 14	1 46	16 32	22 35	22 24	16 51	15 19	6 22	
F 16	21 0	18 29	3 8	23 22	1 51	7 13	1 5	22 4	0 59	11 10	0 58	21 43	1 23	13 44	0 26	1 51	1 14	1 45	16 32	22 35	22 24	16 52	15 18	6 22	
S 17	20 48	15 0	3 59	23 8	1 54	6 49	1 14	21 56	0 59	11 5	0 58	21 44	1 23	13 44	0 26	1 51	1 14	1 45	16 31	22 34	22 24	16 54	15 17	6 22	
S 18	20 36	10 43	4 38	22 52	1 57	6 25	1 25	21 47	1 0	11 1	0 58	21 44	1 23	13 44	0 26	1 51	1 14	1 45	16 31	22 33	22 23	16 55	15 16	6 22	
M 19	20 24	5 50	5 2	22 36	1 59	6 1	1 35	21 38	1 0	10 56	0 58	21 44	1 23	13 44	0 26	1 51	1 14	1 44	16 31	22 32	22 23	16 57	15 15	6 22	
T 20	20 11	0 35	5 8	22 17	2 1	5 38	1 45	21 29	1 0	10 51	0 58	21 45	1 23	13 44	0 26	1 52	1 14	1 44	16 30	22 31	22 22	16 58	15 14	6 22	
W 21	19 58	4n43	4 56	21 57	2 3	5 15	1 56	21 20	1 0	10 46	0 58	21 45	1 23	13 44	0 26	1 52	1 14	1 44	16 30	22 31	22 22	17 0	15 13	6 22	
T 22	19 45	9 49	4 27	21 36	2 4	4 52	2 7	21 11	1 1	10 41	0 58	21 45	1 23	13 44	0 26	1 52	1 14	1 43	16 29	22 30	22 22	17 1	15 12	6 23	
F 23	19 31	14 25	3 41	21 13	2 5	4 29	2 18	21 1	1 1	10 36	0 58	21 46	1 23	13 44	0 26	1 53	1 14	1 43	16 29	22 30	22 21	17 3	15 11	6 23	
S 24	19 17	18 13	2 42	20 49	2 5	4 7	2 29	20 51	1 1	10 31	0 58	21 46	1 23	13 44	0 26	1 53	1 14	1 43	16 29	22 30	22 21	17 4	15 10	6 23	
S 25	19 3	20 57	1 33	20 23	2 5	3 46	2 41	20 41	1 1	10 26	0 58	21 46	1 23	13 45	0 26	1 54	1 14	1 42	16 28	22 30	22 20	17 6	15 9	6 23	
M 26	18 48	22 23	0 18	19 56	2 5	3 24	2 53	20 30	1 2	10 21	0 58	21 47	1 23	13 45	0 26	1 54	1 14	1 42	16 28	22 31	22 20	17 7	15 8	6 23	
T 27	18 33	22 23	0s57	19 27	2 4	3 4	3 5	20 19	1 2	10 16	0 58	21 47	1 23	13 45	0 26	1 54	1 14	1 42	16 28	22 30	22 20	17 8	15 7	6 23	
W 28	18 17	20 59	2 8	18 57	2 3	2 43	3 17	20 9	1 2	10 11	0 58	21 47	1 23	13 45	0 26	1 55	1 15	1 41	16 27	22 30	22 19	17 10	15 6	6 23	
T 29	18 1	18 21	3 11	18 25	2 1	2 24	3 30	19 57	1 2	10 6	0 58	21 48	1 24	13 45	0 26	1 55	1 15	1 41	16 27	22 30	22 19	17 11	15 5	6 23	
F 30	17 45	14 44	4 2	17 51	1 59	2 4	3 42	19 46	1 2	10 1	0 58	21 48	1 24	13 46	0 26	1 56	1 15	1 40	16 27	22 29	22 18	17 13	15 4	6 24	
S 31	17s29	10n26	4s38	17s17	1s56	1s46	3n55	19s35	1s 3	9s56	0s57	21s48	1n24	13n46	0s26	1n56	1n15	1s40	16s26	22s28	22s18	17s14	15s 3	6n24	

ASTRODIENST EPHEMERIS for the year 2105

geocentric

FEBRUARY 2105

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 44 21	11°56'58	3°00	19°44	16°37	7°34	6°56	22°18	8°1	28°R 0	7°13	13°R45	12°36	9°17	23°46	S 1
M 2	8 48 18	12°57'52	15°49	21°30	16°51	8°21	7°10	22°23	8°2	27°59	7°13	13°R34	12°33	9°24	23°52	M 2
T 3	8 52 15	13°58'46	28°21	23°15	17°2	9°8	7°24	22°28	8°3	27°57	7°13	13°25	12°30	9°31	23°57	T 3
W 4	8 56 11	14°59'38	10°37	25°1	17°10	9°55	7°38	22°34	8°4	27°56	7°13	13°17	12°27	9°37	24°2	W 4
T 5	9 0 8	16°0'29	22°39	26°47	17°17	10°42	7°51	22°39	8°5	27°55	7°14	13°12	12°24	9°44	24°8	T 5
F 6	9 4 4	17°1'20	4°32	28°32	17°21	11°29	8°5	22°44	8°6	27°54	7°14	13°9	12°21	9°51	24°13	F 6
S 7	9 8 1	18°2'10	16°21	0°17	17°R23	12°16	8°19	22°49	8°7	27°53	7°14	13°D 8	12°17	9°57	24°18	S 7
S 8	9 11 57	19°2'59	28°11	2°1	17°22	13°3	8°34	22°54	8°9	27°52	7°15	13°8	12°14	10°4	24°24	S 8
M 9	9 15 54	20°3'47	10°8	3°44	17°18	13°50	8°48	22°59	8°10	27°51	7°15	13°R 8	12°11	10°11	24°29	M 9
T 10	9 19 50	21°4'34	22°16	5°26	17°13	14°37	9°2	23°4	8°11	27°49	7°16	13°8	12°8	10°17	24°34	T 10
W11	9 23 47	22°5'20	4°41	7°6	17°4	15°25	9°16	23°8	8°12	27°48	7°16	13°6	12°5	10°24	24°39	W11
T 12	9 27 44	23°6'05	17°26	8°43	16°54	16°12	9°30	23°13	8°14	27°47	7°17	13°1	12°1	10°31	24°44	T 12
F 13	9 31 40	24°6'49	0°34	10°18	16°40	16°59	9°44	23°18	8°15	27°45	7°17	12°54	11°58	10°37	24°50	F 13
S 14	9 35 37	25°7'32	14°4	11°50	16°25	17°46	9°59	23°22	8°17	27°44	7°18	12°44	11°55	10°44	24°55	S 14
S 15	9 39 33	26°8'13	27°56	13°17	16°6	18°33	10°13	23°27	8°18	27°43	7°18	12°32	11°52	10°51	25°0	S 15
M16	9 43 30	27°8'53	12°4	14°41	15°46	19°21	10°27	23°31	8°20	27°41	7°19	12°20	11°49	10°57	25°5	M16
T 17	9 47 26	28°9'31	26°24	15°59	15°23	20°8	10°41	23°35	8°21	27°40	7°19	12°9	11°46	11°4	25°10	T 17
W18	9 51 23	29°10'08	10°49	17°11	14°58	20°55	10°56	23°40	8°23	27°39	7°20	11°59	11°42	11°11	25°15	W18
T 19	9 55 19	0°10'43	25°13	18°16	14°31	21°42	11°10	23°44	8°25	27°37	7°20	11°53	11°39	11°17	25°20	T 19
F 20	9 59 16	1°11'16	9°32	19°15	14°2	22°29	11°24	23°48	8°26	27°36	7°21	11°49	11°36	11°24	25°24	F 20
S 21	10 3 13	2°11'48	23°44	20°5	13°31	23°17	11°39	23°52	8°28	27°34	7°22	11°48	11°33	11°31	25°29	S 21
S 22	10 7 9	3°12'17	7°46	20°47	12°58	24°4	11°53	23°56	8°30	27°33	7°22	11°47	11°30	11°37	25°34	S 22
M23	10 11 6	4°12'45	21°38	21°20	12°24	24°51	12°8	24°0	8°32	27°31	7°23	11°47	11°27	11°44	25°39	M23
T 24	10 15 2	5°13'11	5°21	21°43	11°49	25°39	12°22	24°3	8°34	27°30	7°24	11°46	11°23	11°51	25°44	T 24
W25	10 18 59	6°13'35	18°55	21°56	11°13	26°26	12°37	24°7	8°36	27°28	7°25	11°42	11°20	11°57	25°48	W25
T 26	10 22 55	7°13'57	2°19	22°R 0	10°36	27°13	12°51	24°11	8°38	27°27	7°25	11°35	11°17	12°4	25°53	T 26
F 27	10 26 52	8°14'18	15°33	21°53	9°59	28°0	13°5	24°14	8°40	27°25	7°26	11°25	11°14	12°11	25°57	F 27
S 28	10 30 48	9°14'36	28°35	21°37	9°21	28°48	13°20	24°17	8°42	27°24	7°27	11°12	11°11	12°17	26°2	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17s12	5n45	4s59	16s40	1s53	1s28	4n 8	19s23	1s 3	9s51	0s57	21s49	1n24	13n46	0s26	1n56
M 2	16 55	0 55	5 4	16 3	1 49	1 11	4 21	19 11	1 3	9 46	0 57	21 49	1 24	13 47	0 26	1 57
T 3	16 37	3s51	4 54	15 24	1 44	0 55	4 34	18 59	1 3	9 41	0 57	21 49	1 24	13 47	0 26	1 57
W 4	16 20	8 21	4 31	14 44	1 39	0 39	4 47	18 46	1 3	9 36	0 57	21 49	1 24	13 47	0 26	1 58
T 5	16 2	12 27	3 56	14 2	1 33	0 24	5 1	18 34	1 4	9 30	0 57	21 50	1 24	13 48	0 26	1 58
F 6	15 43	16 1	3 11	13 20	1 27	0 10	5 14	18 21	1 4	9 25	0 57	21 50	1 24	13 48	0 25	1 59
S 7	15 25	18 55	2 18	12 36	1 20	0n 2	5 27	18 8	1 4	9 20	0 57	21 50	1 24	13 48	0 25	1 59
S 8	15 6	21 2	1 19	11 52	1 12	0 14	5 41	17 55	1 4	9 15	0 57	21 50	1 24	13 49	0 25	2 0
M 9	14 47	22 13	0 16	11 7	1 3	0 25	5 54	17 41	1 4	9 9	0 57	21 50	1 24	13 49	0 25	2 0
T 10	14 28	22 24	0n48	10 21	0 54	0 35	6 7	17 28	1 4	9 4	0 57	21 51	1 24	13 50	0 25	2 1
W11	14 8	21 29	1 52	9 34	0 43	0 44	6 20	17 14	1 4	8 59	0 57	21 51	1 24	13 50	0 25	2 1
T 12	13 49	19 27	2 52	8 48	0 33	0 52	6 33	17 0	1 4	8 53	0 57	21 51	1 24	13 51	0 25	2 2
F 13	13 29	16 22	3 44	8 1	0 21	0 58	6 46	16 46	1 5	8 48	0 57	21 51	1 24	13 51	0 25	2 2
S 14	13 8	12 22	4 25	7 15	0 9	1 4	6 58	16 31	1 5	8 43	0 57	21 51	1 24	13 51	0 25	2 3
S 15	12 48	7 37	4 52	6 30	0n 4	1 8	7 10	16 17	1 5	8 37	0 57	21 52	1 24	13 52	0 25	2 4
M16	12 27	2 23	5 1	5 45	0 18	1 11	7 21	16 2	1 5	8 32	0 57	21 52	1 24	13 53	0 25	2 4
T 17	12 6	3n 2	4 52	5 2	0 32	1 12	7 32	15 48	1 5	8 26	0 57	21 52	1 24	13 53	0 25	2 5
W18	11 45	8 20	4 24	4 21	0 47	1 12	7 43	15 33	1 5	8 21	0 57	21 52	1 25	13 54	0 25	2 5
T 19	11 24	13 10	3 40	3 41	1 2	1 11	7 53	15 17	1 5	8 16	0 57	21 52	1 25	13 54	0 25	2 6
F 20	11 3	17 13	2 42	3 4	1 17	1 9	8 2	15 2	1 5	8 10	0 57	21 52	1 25	13 55	0 25	2 6
S 21	10 41	20 13	1 34	2 31	1 32	1 5	8 11	14 47	1 5	8 5	0 58	21 52	1 25	13 55	0 25	2 7
S 22	10 19	21 57	0 21	2 0	1 48	1 0	8 19	14 31	1 5	7 59	0 58	21 52	1 25	13 56	0 25	2 8
M23	9 58	22 18	0s52	1 33	2 3	0 54	8 26	14 15	1 5	7 54	0 58	21 53	1 25	13 57	0 25	2 8
T 24	9 36	21 18	2 1	1 10	2 18	0 46	8 32	13 59	1 5	7 48	0 58	21 53	1 25	13 57	0 25	2 9
W25	9 13	19 5	3 3	0 52	2 32	0 38	8 37	13 43	1 5	7 43	0 58	21 53	1 25	13 58	0 25	2 10
T 26	8 51	15 51	3 53	0 38	2 46	0 28	8 42	13 27	1 5	7 37	0 58	21 53	1 25	13 59	0 25	2 10
F 27	8 29	11 51	4 30	0 29	2 59	0 17	8 45	13 11	1 5	7 32	0 58	21 53	1 25	13 59	0 25	2 11
S 28	8s 6	7n23	4s53	0s25	3n10	0n 6	8n47	12s55	1s 5	7s26	0s58	21s53	1n25	14n 0	0s25	2n11

Julian Day Number = 2489926.5, Delta T = 95.59 sec
 Ecliptic obliquity = 23°25'30, Nutation = 0°00'18, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°12'31, Lahiri = 25°19'31

ASTRODIENST EPHEMERIS for the year 2105

geocentric

MARCH 2105

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 45	10♈14°53	11♏25	21°R11	8°R44	29♊35	13♈34	24♈21	8♈44	27°R22	7♈28	10°R59	11♈7	12♏24	26♊6	S 1
M 2	10 38 42	11°15'08	24° 2	20♈37	8♈6	0♈22	13°49	24°24	8°46	27♏21	7°28	10♈45	11° 4	12°31	26°11	M 2
T 3	10 42 38	12°15'21	6♏25	19°55	7°29	1°10	14° 3	24°27	8°48	27°19	7°29	10°32	11° 1	12°37	26°15	T 3
W 4	10 46 35	13°15'32	18°35	19° 7	6°54	1°57	14°18	24°30	8°51	27°17	7°30	10°21	10°58	12°44	26°20	W 4
T 5	10 50 31	14°15'42	0♏35	18°13	6°19	2°44	14°32	24°33	8°53	27°16	7°31	10°13	10°55	12°51	26°24	T 5
F 6	10 54 28	15°15'51	12°27	17°15	5°45	3°31	14°47	24°36	8°55	27°14	7°32	10° 8	10°52	12°57	26°28	F 6
S 7	10 58 24	16°15'58	24°15	16°15	5°13	4°19	15° 1	24°39	8°58	27°13	7°33	10° 5	10°48	13° 4	26°32	S 7
S 8	11 2 21	17°16'03	6♈3	15°13	4°42	5° 6	15°16	24°41	9° 0	27°11	7°34	10°D 4	10°45	13°11	26°36	S 8
M 9	11 6 17	18°16'07	17°58	14°12	4°14	5°53	15°30	24°44	9° 2	27° 9	7°35	10°R 4	10°42	13°17	26°40	M 9
T 10	11 10 14	19°16'09	0♊5	13°12	3°47	6°41	15°45	24°47	9° 5	27° 8	7°36	10° 4	10°39	13°24	26°44	T 10
W11	11 14 11	20°16'09	12°29	12°16	3°22	7°28	15°59	24°49	9° 7	27° 6	7°37	10° 2	10°36	13°30	26°48	W11
T 12	11 18 7	21°16'08	25°15	11°23	3° 0	8°15	16°14	24°51	9°10	27° 4	7°38	9°58	10°32	13°37	26°52	T 12
F 13	11 22 4	22°16'05	8♊27	10°35	2°40	9° 2	16°28	24°54	9°13	27° 3	7°39	9°51	10°29	13°44	26°56	F 13
S 14	11 26 0	23°16'01	22° 6	9°53	2°22	9°50	16°43	24°56	9°15	27° 1	7°40	9°42	10°26	13°50	27° 0	S 14
S 15	11 29 57	24°15'55	6♈11	9°16	2° 7	10°37	16°57	24°58	9°18	26°59	7°41	9°31	10°23	13°57	27° 4	S 15
M16	11 33 53	25°15'46	20°38	8°46	1°54	11°24	17°12	25° 0	9°21	26°58	7°42	9°20	10°20	14° 4	27° 7	M16
T 17	11 37 50	26°15'36	5♏21	8°22	1°43	12°11	17°26	25° 1	9°23	26°56	7°43	9° 9	10°17	14°10	27°11	T 17
W18	11 41 46	27°15'24	20°12	8° 4	1°35	12°59	17°40	25° 3	9°26	26°54	7°44	9° 0	10°13	14°17	27°15	W18
T 19	11 45 43	28°15'10	5♈2	7°53	1°30	13°46	17°55	25° 5	9°29	26°53	7°45	8°53	10°10	14°24	27°18	T 19
F 20	11 49 39	29°14'53	19°44	7°D48	1°27	14°33	18° 9	25° 6	9°32	26°51	7°46	8°49	10° 7	14°30	27°22	F 20
S 21	11 53 36	0♏14°35	4♏12	7°50	1°D26	15°20	18°23	25° 8	9°34	26°49	7°47	8°D48	10° 4	14°37	27°25	S 21
S 22	11 57 33	1°14'14	18°23	7°57	1°28	16° 7	18°38	25° 9	9°37	26°48	7°48	8°48	10° 1	14°44	27°28	S 22
M23	12 1 29	2°13'51	2♏17	8° 9	1°32	16°55	18°52	25°10	9°40	26°46	7°49	8°R49	9°58	14°50	27°31	M23
T 24	12 5 26	3°13'26	15°53	8°27	1°38	17°42	19° 6	25°12	9°43	26°44	7°51	8°48	9°54	14°57	27°35	T 24
W25	12 9 22	4°12'58	29°14	8°50	1°47	18°29	19°21	25°13	9°46	26°43	7°52	8°45	9°51	15° 4	27°38	W25
T 26	12 13 19	5°12'28	12♏21	9°18	1°57	19°16	19°35	25°14	9°49	26°41	7°53	8°40	9°48	15°10	27°41	T 26
F 27	12 17 15	6°11'55	25°14	9°50	2°10	20° 3	19°49	25°14	9°52	26°39	7°54	8°32	9°45	15°17	27°44	F 27
S 28	12 21 12	7°11'21	7♏56	10°26	2°25	20°50	20° 3	25°15	9°55	26°38	7°55	8°22	9°42	15°24	27°47	S 28
S 29	12 25 8	8°10'44	20°27	11° 6	2°42	21°37	20°17	25°16	9°58	26°36	7°57	8°11	9°38	15°30	27°50	S 29
M30	12 29 5	9°10'05	2♏48	11°50	3° 1	22°24	20°31	25°16	10° 1	26°35	7°58	8° 0	9°35	15°37	27°52	M30
T 31	12 33 2	10♏9°24	14♏58	12♈38	3♈22	23♈11	20♈46	25♈17	10♈4	26♏33	7♈59	7♈49	9♈32	15♏44	27♈55	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s43	2n39	5s 0	0s26	3n20	0s 7	8n49	12s38	1s 5	7s21	0s58	21s53	1n25	14n 1	0s25	S 1
M 2	7 20	2s 6	4 52	0 32	3 28	0 20	8 49	12 21	1 5	7 15	0 58	21 53	1 25	14 1	0 25	M 2
T 3	6 58	6 41	4 30	0 42	3 34	0 34	8 49	12 5	1 5	7 10	0 58	21 53	1 25	14 2	0 25	T 3
W 4	6 35	10 56	3 57	0 16	3 39	0 48	8 47	11 48	1 5	7 4	0 58	21 53	1 25	14 3	0 25	W 4
T 5	6 11	14 41	3 13	1 57	3 41	1 3	8 45	11 31	1 5	6 58	0 58	21 53	1 26	14 4	0 25	T 5
F 6	5 48	17 48	2 21	1 38	3 41	1 18	8 41	11 13	1 5	6 53	0 58	21 53	1 26	14 4	0 25	F 6
S 7	5 25	20 10	1 23	2 3	3 39	1 34	8 37	10 56	1 5	6 47	0 58	21 53	1 26	14 5	0 25	S 7
S 8	5 2	21 39	0 21	2 31	3 35	1 50	8 32	10 39	1 5	6 42	0 58	21 53	1 26	14 6	0 25	S 8
M 9	4 38	22 11	0n42	3 0	3 29	2 5	8 26	10 21	1 5	6 36	0 58	21 53	1 26	14 7	0 25	M 9
T 10	4 15	21 41	1 44	3 30	3 21	2 21	8 19	10 4	1 5	6 31	0 58	21 53	1 26	14 8	0 25	T 10
W11	3 51	20 8	2 43	4 0	3 12	2 37	8 12	9 46	1 5	6 25	0 58	21 53	1 26	14 8	0 25	W11
T 12	3 28	17 33	3 35	4 30	3 1	2 52	8 4	9 29	1 5	6 19	0 58	21 53	1 26	14 9	0 25	T 12
F 13	3 4	13 59	4 18	5 0	2 48	3 7	7 55	9 11	1 5	6 14	0 58	21 53	1 26	14 10	0 25	F 13
S 14	2 40	9 36	4 48	5 28	2 35	3 22	7 46	8 53	1 5	6 8	0 58	21 53	1 26	14 11	0 25	S 14
S 15	2 17	4 34	5 1	5 54	2 22	3 36	7 37	8 35	1 5	6 3	0 58	21 53	1 26	14 12	0 25	S 15
M16	1 53	0n50	4 56	6 19	2 7	3 50	7 27	8 17	1 5	5 57	0 58	21 53	1 26	14 13	0 25	M16
T 17	1 29	6 16	4 31	6 41	1 53	4 3	7 17	7 59	1 5	5 52	0 59	21 53	1 27	14 13	0 24	T 17
W18	1 5	11 24	3 48	7 1	1 38	4 16	7 6	7 40	1 4	5 46	0 59	21 53	1 27	14 14	0 24	W18
T 19	0 42	15 51	2 49	7 19	1 23	4 28	6 55	7 22	1 4	5 41	0 59	21 53	1 27	14 15	0 24	T 19
F 20	0 18	19 15	1 40	7 35	1 8	4 39	6 44	7 4	1 4	5 35	0 59	21 53	1 27	14 16	0 24	F 20
S 21	0n 6	21 22	0 24	7 48	0 54	4 50	6 33	6 46	1 4	5 29	0 59	21 53	1 27	14 17	0 24	S 21
S 22	0 30	22 4	0s51	7 59	0 39	5 0	6 21	6 27	1 4	5 24	0 59	21 53	1 27	14 18	0 24	S 22
M23	0 53	21 23	2 2	8 7	0 25	5 10	6 10	6 9	1 4	5 18	0 59	21 53	1 27	14 19	0 24	M23
T 24	1 17	19 26	3 4	8 13	0 12	5 18	5 58	5 50	1 4	5 13	0 59	21 53	1 27	14 20	0 24	T 24
W25	1 40	16 28	3 55	8 16	0s 1	5 26	5 46	5 32	1 3	5 7	0 59	21 53	1 27	14 21	0 24	W25
T 26	2 4	12 43	4 33	8 18	0 14	5 33	5 35	5 13	1 3	5 2	0 59	21 53	1 27	14 22	0 24	T 26
F 27	2 28	8 27	4 56	8 17	0 26	5 40	5 23	4 54	1 3	4 56	0 59	21 53	1 27	14 23	0 24	F 27
S 28	2 51	3 53	5 4	8 14	0 38	5 45	5 11	4 36	1 3	4 51	0 59	21 53	1 27	14 24	0 24	S 28
S 29	3 15	0s46	4 57	8 9	0 49	5 50	5 0	4 17	1 3	4 45	0 59	21 53	1 27	14 25	0 24	S 29
M30	3 38	5 20	4 36	8 2	0 59	5 54	4 48	3 58	1 2	4 40	1 0	21 53	1 28	14 26	0 24	M30
T 31	4n 1	9s38	4s 3	7s53	1s 9	5s58	4n37	3s39	1s 2	4s34	1s 0	21s53	1n28	14n27	0s24	T 31

Julian Day Number = 2489954.5, Delta T = 95.62 sec
 Ecliptic obliquity = 23°25'30, Nutation = 0°00'18, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°12'35, Lahiri = 25°19'35

ASTRODIENST EPHEMERIS for the year 2105

geocentric

APRIL 2105

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 36 58	11° 8'41"	27° 0'	13° 29'	3° 44'	23° 58'	21° 0'	25° 17'	10° 8' 7	26° 31'	8° 0'	7° 41'	9° 29'	15° 50'	27° 58'	W 1
T 2	12 40 55	12° 7'56"	8° 54'	14° 23'	4° 9'	24° 45'	21° 14'	25° 17'	10° 10'	26° 30'	8° 1'	7° 34'	9° 26'	15° 57'	28° 0'	T 2
F 3	12 44 51	13° 7'09"	20° 44'	15° 20'	4° 35'	25° 32'	21° 28'	25° 17'	10° 14'	26° 28'	8° 3'	7° 30'	9° 23'	16° 4'	28° 3'	F 3
S 4	12 48 48	14° 6'21"	2° 31'	16° 20'	5° 2'	26° 19'	21° 42'	25° 18'	10° 17'	26° 27'	8° 4'	7° 29'	9° 19'	16° 10'	28° 5'	S 4
S 5	12 52 44	15° 5'30"	14° 20'	17° 23'	5° 32'	27° 6'	21° 55'	25° 17'	10° 20'	26° 25'	8° 5'	7° 29'	9° 16'	16° 17'	28° 8'	S 5
M 6	12 56 41	16° 4'38"	26° 14'	18° 28'	6° 2'	27° 53'	22° 9'	25° 17'	10° 23'	26° 23'	8° 6'	7° 30'	9° 13'	16° 24'	28° 10'	M 6
T 7	13 0 37	17° 3'44"	8° 20'	19° 35'	6° 35'	28° 40'	22° 23'	25° 17'	10° 26'	26° 22'	8° 8'	7° 31'	9° 10'	16° 30'	28° 12'	T 7
W 8	13 4 34	18° 2'48"	20° 42'	20° 45'	7° 8'	29° 26'	22° 37'	25° 17'	10° 30'	26° 20'	8° 9'	7° 31'	9° 7'	16° 37'	28° 14'	W 8
T 9	13 8 31	19° 1'51"	3° 25'	21° 57'	7° 43'	0° 13'	22° 51'	25° 16'	10° 33'	26° 19'	8° 10'	7° 30'	9° 3'	16° 44'	28° 16'	T 9
F 10	13 12 27	20° 0'51"	16° 33'	23° 12'	8° 20'	1° 0'	23° 4'	25° 16'	10° 36'	26° 17'	8° 12'	7° 27'	9° 0'	16° 50'	28° 18'	F 10
S 11	13 16 24	20° 59'50"	0° 9'	24° 28'	8° 57'	1° 47'	23° 18'	25° 15'	10° 39'	26° 16'	8° 13'	7° 22'	8° 57'	16° 57'	28° 20'	S 11
S 12	13 20 20	21° 58'47"	14° 15'	25° 47'	9° 36'	2° 33'	23° 32'	25° 14'	10° 43'	26° 14'	8° 14'	7° 16'	8° 54'	17° 4'	28° 22'	S 12
M13	13 24 17	22° 57'42"	28° 46'	27° 7'	10° 16'	3° 20'	23° 45'	25° 14'	10° 46'	26° 13'	8° 16'	7° 9'	8° 51'	17° 10'	28° 24'	M13
T 14	13 28 13	23° 56'36"	13° 39'	28° 29'	10° 56'	4° 7'	23° 59'	25° 13'	10° 49'	26° 12'	8° 17'	7° 2'	8° 48'	17° 17'	28° 25'	T 14
W15	13 32 10	24° 55'27"	28° 44'	29° 53'	11° 38'	4° 53'	24° 12'	25° 12'	10° 53'	26° 10'	8° 18'	6° 57'	8° 44'	17° 23'	28° 27'	W15
T 16	13 36 6	25° 54'17"	13° 52'	1° 19'	12° 21'	5° 40'	24° 26'	25° 10'	10° 56'	26° 9'	8° 20'	6° 53'	8° 41'	17° 30'	28° 29'	T 16
F 17	13 40 3	26° 53'04"	28° 55'	2° 47'	13° 5'	6° 27'	24° 39'	25° 9'	11° 0'	26° 7'	8° 21'	6° 51'	8° 38'	17° 37'	28° 30'	F 17
S 18	13 44 0	27° 51'50"	13° 42'	4° 16'	13° 50'	7° 13'	24° 52'	25° 8'	11° 3'	26° 6'	8° 22'	6° 51'	8° 35'	17° 43'	28° 31'	S 18
S 19	13 47 56	28° 50'33"	28° 10'	5° 47'	14° 36'	8° 0'	25° 6'	25° 6'	11° 6'	26° 5'	8° 24'	6° 52'	8° 32'	17° 50'	28° 33'	S 19
M20	13 51 53	29° 49'14"	12° 15'	7° 20'	15° 22'	8° 46'	25° 19'	25° 5'	11° 10'	26° 3'	8° 25'	6° 53'	8° 29'	17° 57'	28° 34'	M20
T 21	13 55 49	0° 47'53"	25° 57'	8° 55'	16° 10'	9° 33'	25° 32'	25° 3'	11° 13'	26° 2'	8° 26'	6° 53'	8° 25'	18° 3'	28° 35'	T 21
W22	13 59 46	1° 46'29"	9° 17'	10° 31'	16° 58'	10° 19'	25° 45'	25° 2'	11° 17'	26° 1'	8° 28'	6° 54'	8° 22'	18° 10'	28° 36'	W22
T 23	14 3 42	2° 45'03"	22° 18'	12° 9'	17° 47'	11° 5'	25° 58'	25° 0'	11° 20'	25° 59'	8° 29'	6° 53'	8° 19'	18° 17'	28° 37'	T 23
F 24	14 7 39	3° 43'35"	5° 11'	13° 48'	18° 36'	11° 52'	26° 11'	24° 58'	11° 23'	25° 58'	8° 31'	6° 49'	8° 16'	18° 23'	28° 38'	F 24
S 25	14 11 35	4° 42'05"	17° 29'	15° 30'	19° 27'	12° 38'	26° 24'	24° 56'	11° 27'	25° 57'	8° 32'	6° 45'	8° 13'	18° 30'	28° 39'	S 25
S 26	14 15 32	5° 40'33"	29° 46'	17° 13'	20° 18'	13° 24'	26° 37'	24° 54'	11° 30'	25° 56'	8° 33'	6° 40'	8° 9'	18° 37'	28° 40'	S 26
M27	14 19 28	6° 38'58"	11° 53'	18° 57'	21° 9'	14° 10'	26° 49'	24° 52'	11° 34'	25° 55'	8° 35'	6° 34'	8° 6'	18° 43'	28° 40'	M27
T 28	14 23 25	7° 37'22"	23° 52'	20° 44'	22° 2'	14° 56'	27° 2'	24° 50'	11° 37'	25° 53'	8° 36'	6° 29'	8° 3'	18° 50'	28° 41'	T 28
W29	14 27 22	8° 35'44"	5° 11'	22° 32'	22° 55'	15° 43'	27° 15'	24° 47'	11° 41'	25° 52'	8° 37'	6° 25'	8° 0'	18° 57'	28° 42'	W29
T 30	14 31 18	9° 34'04"	17° 36'	24° 22'	23° 48'	16° 29'	27° 27'	24° 45'	11° 44'	25° 51'	8° 39'	6° 23'	7° 57'	19° 3'	28° 42'	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	4n24	13s30	3s19	7s42	1s19	6s 0	4n25	3s21	1s 2	4s29	1s 0	21s53	1n28	14n28	0s24	2n33	1n16	1s 9	16s 9	21s35	21s52	18s33	13s56	6n45			
T 2	4 48	16 47	2 27	7 30	1 28	6 2	4 14	3 2	1 2	4 24	1 0	21 53	1 28	14 29	0 24	2 33	1 16	1 9	16 9	21 34	21 51	18 34	13 55	6 46			
F 3	5 11	19 21	1 29	7 15	1 36	6 3	4 3	2 43	1 2	4 18	1 0	21 53	1 28	14 30	0 24	2 34	1 16	1 8	16 9	21 33	21 51	18 35	13 54	6 46			
S 4	5 34	21 5	0 27	6 59	1 44	6 3	3 52	2 24	1 1	4 13	1 0	21 53	1 28	14 31	0 24	2 34	1 16	1 8	16 9	21 33	21 50	18 36	13 53	6 47			
S 5	5 56	21 54	0n37	6 41	1 51	6 3	3 41	2 5	1 1	4 7	1 0	21 52	1 28	14 32	0 24	2 35	1 16	1 7	16 9	21 33	21 50	18 38	13 52	6 47			
M 6	6 19	21 43	1 39	6 22	1 58	6 2	3 30	1 46	1 1	4 2	1 0	21 52	1 28	14 33	0 24	2 36	1 16	1 7	16 8	21 33	21 49	18 39	13 51	6 48			
T 7	6 42	20 31	2 39	6 1	2 4	6 0	3 20	1 28	1 1	3 57	1 0	21 52	1 28	14 34	0 24	2 36	1 16	1 6	16 8	21 33	21 49	18 40	13 50	6 49			
W 8	7 4	18 20	3 32	5 39	2 10	5 57	3 9	1 9	1 0	3 51	1 0	21 52	1 28	14 35	0 24	2 37	1 16	1 6	16 8	21 33	21 48	18 41	13 49	6 49			
T 9	7 27	15 13	4 16	5 15	2 15	5 54	2 59	0 50	1 0	3 46	1 1	21 52	1 28	14 36	0 24	2 37	1 16	1 5	16 8	21 33	21 48	18 42	13 48	6 50			
F 10	7 49	11 16	4 49	4 50	2 20	5 50	2 49	0 31	1 0	3 41	1 1	21 52	1 28	14 37	0 24	2 38	1 16	1 5	16 8	21 32	21 47	18 43	13 47	6 50			
S 11	8 11	6 37	5 6	4 24	2 24	5 45	2 39	0 12	0 59	3 35	1 1	21 52	1 28	14 38	0 24	2 39	1 16	1 4	16 8	21 32	21 47	18 44	13 46	6 51			
S 12	8 33	1 29	5 7	3 56	2 27	5 40	2 29	0n 7	0 59	3 30	1 1	21 52	1 29	14 39	0 24	2 39	1 16	1 4	16 8	21 31	21 46	18 46	13 45	6 51			
M13	8 55	3n54	4 47	3 26	2 30	5 34	2 19	0 26	0 59	3 25	1 1	21 52	1 29	14 40	0 24	2 40	1 16	1 3	16 8	21 29	21 46	18 47	13 45	6 52			
T 14	9 17	9 12	4 9	2 56	2 33	5 27	2 10	0 44	0 58	3 20	1 1	21 52	1 29	14 41	0 24	2 40	1 16	1 3	16 7	21 28	21 45	18 48	13 44	6 52			
W15	9 39	14 0	3 12	2 24	2 34	5 20	2 1	1 3	0 58	3 14	1 1	21 52	1 29	14 42	0 24	2 41	1 16	1 2	16 7	21 27	21 45	18 49	13 43	6 53			
T 16	10 0	17 56	2 2	1 52	2 36	5 12	1 51	1 22	0 58	3 9	1 1	21 51	1 29	14 43	0 24	2 41	1 16	1 2	16 7	21 27	21 44	18 50	13 42	6 53			
F 17	10 21	20 36	0 43	1 18	2 37	5 4	1 42	1 41	0 58	3 4	1 2	21 51	1 29	14 44	0 24	2 42	1 16	1 1	16 7	21 26	21 44	18 51	13 41	6 54			
S 18	10 42	21 49	0s37	0 42	2 37	4 55	1 34	1 59	0 57	2 59	1 2	21 51	1 29	14 45	0 24	2 42	1 16	1 1	16 7	21 26	21 43	18 52	13 40	6 55			
S 19	11 3	21 31	1 54	0 6	2 37	4 45	1 25	2 18	0 57	2 54	1 2	21 51	1 29	14 46	0 24	2 43	1 16	1 0	16 7	21 27	21 43	18 53	13 39	6 55			
M20	11 24	19 51	3 1	0n31	2 36	4 35	1 17	2 37	0 56	2 48	1 2	21 51	1 29	14 47	0 24	2 44	1 16	1 0	16 7	21 27	21 42	18 54	13 39	6 56			
T 21	11 45	17 4	3 56	1 9	2 35	4 24	1 8	2 55	0 56	2 43	1 2	21 51	1 29	14 48	0 24	2 44	1 16	0 59	16 7	21 27	21 42	18 55	13 38	6 56			
W22	12 5	13 28	4 37	1 49	2 33	4 13	1 0	3 14	0 56	2 38	1 2	21 51	1 29	14 50	0 24	2 45	1 16	0 59	16 7	21 27	21 41	18 56	13 37	6 57			
T 23	12 25	9 18	5 2	2 29	2 31	4 2	0 52	3 32	0 55	2 33	1 2	21 51	1 29	14 51	0 24	2 45	1 16	0 58	16 7	21 27	21 41	18 57	13 36	6 57			
F 24	12 45	4 49	5 12	3 10	2 28	3 49	0 44	3 51	0 55	2 28	1 2	21 50	1 29	14 52	0 24	2 45	1 16	0 58	16 7	21 26	21 40	18 59	13 36	6 58			
S 25	13 5	0 14	5 7	3 52	2 25	3 37	0 37	4 9	0 55	2 23	1 3	21 50	1 29	14 53	0 24	2 46	1 16	0 57	16 7	21 25	21 40	19 0	13 35	6 59			
S 26	13 24	4s18	4 47	4 35	2 21	3 23	0 29	4 27	0 54	2 18	1 3	21 50	1 29	14 54	0 24	2 46	1 16	0 57	16 7	21 25	21 39	19 1	13 34	6 59			
M27	13 44	8 37	4 15	5 19	2 17	3 10	0 22	4 45	0 54	2 13	1 3	21 50	1 29	14 55	0 24	2 47	1 16	0 57	16 7	21 24	21 39	19 2	13 34	7 0			
T 28	14 3	12 33	3 32	6 3	2 12	2 56	0 15	5 4	0 53	2 9	1 3	21 50	1 30	14 56	0 24	2 47	1 16	0 56	16 7	21 23	21 38	19 3	13 33	7 0			
W29	14 22	15 57	2 40	6 48	2 6	2 41	0 8	5 22	0 53	2 4	1 3	21 50	1 30	14 57	0 24	2 48	1 16	0 56	16 7	21 22	21 38	19 4	13 32	7 1			
T 30	14n40	18s41	1s41	7n34	2s 1	2s26	0n 2	5n40	0s53	1s59	1s 3	21s50	1n30	14n58	0s24	2n48	1n16	0s55	16s 7	21s22	21s37	19s 5	13s32	7n			

ASTRODIENST EPHEMERIS for the year 2105

geocentric

MAY 2105

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 35 15	10♂32'22	29♂23	26♂13	24♂42	17♂15	27♂40	24°R43	11♂48	25°R50	8♂40	6°R21	7♂54	19♂10	28♂42	F 1
S 2	14 39 11	11°30'39	11♂12	28° 6	25°37	18° 1	27°52	24♂40	11°51	25♂49	8°41	6°D21	7°50	19°17	28°43	S 2
S 3	14 43 8	12°28'54	23° 4	0♂ 1	26°32	18°47	28° 5	24°37	11°54	25°48	8°43	6♂22	7°47	19°23	28°43	S 3
M 4	14 47 4	13°27'08	5♂ 2	1°58	27°28	19°33	28°17	24°35	11°58	25°47	8°44	6°24	7°44	19°30	28°43	M 4
T 5	14 51 1	14°25'19	17°11	3°56	28°24	20°18	28°29	24°32	12° 1	25°46	8°46	6°25	7°41	19°37	28°43	T 5
W 6	14 54 57	15°23'30	29°34	5°56	29°20	21° 4	28°41	24°29	12° 5	25°45	8°47	6°27	7°38	19°43	28°43	W 6
T 7	14 58 54	16°21'39	12♂15	7°58	0♂17	21°50	28°53	24°26	12° 8	25°44	8°48	6°R27	7°35	19°50	28°43	T 7
F 8	15 2 51	17°19'46	25°20	10° 1	1°15	22°36	29° 5	24°23	12°12	25°43	8°50	6°27	7°31	19°57	28°43	F 8
S 9	15 6 47	18°17'52	8♂49	12° 6	2°13	23°21	29°17	24°20	12°15	25°42	8°51	6°26	7°28	20° 3	28°43	S 9
S 10	15 10 44	19°15'57	22°46	14°12	3°11	24° 7	29°29	24°17	12°19	25°41	8°52	6°25	7°25	20°10	28°42	S 10
M 11	15 14 40	20°14'00	7♂ 9	16°20	4°10	24°53	29°40	24°14	12°22	25°41	8°54	6°23	7°22	20°16	28°42	M 11
T 12	15 18 37	21°12'02	21°55	18°28	5° 9	25°38	29°52	24°10	12°26	25°40	8°55	6°21	7°19	20°23	28°41	T 12
W 13	15 22 33	22°10'03	6♂58	20°38	6° 8	26°24	0♂ 4	24° 7	12°29	25°39	8°56	6°19	7°15	20°30	28°41	W 13
T 14	15 26 30	23° 8'02	22° 9	22°48	7° 8	27° 9	0°15	24° 3	12°32	25°38	8°58	6°18	7°12	20°36	28°40	T 14
F 15	15 30 26	24° 5'59	7♂20	24°58	8° 8	27°55	0°26	24° 0	12°36	25°38	8°59	6°D18	7° 9	20°43	28°40	F 15
S 16	15 34 23	25° 3'56	22°20	27°10	9° 9	28°40	0°38	23°56	12°39	25°37	9° 0	6°18	7° 6	20°50	28°39	S 16
S 17	15 38 20	26° 1'50	7♂ 2	29°21	10°10	29°26	0°49	23°53	12°43	25°36	9° 2	6°19	7° 3	20°56	28°38	S 17
M 18	15 42 16	26°59'43	21°21	1♂31	11°11	0♂11	1° 0	23°49	12°46	25°36	9° 3	6°20	7° 0	21° 3	28°37	M 18
T 19	15 46 13	27°57'34	5♂14	3°41	12°12	0°56	1°11	23°45	12°49	25°35	9° 4	6°20	6°56	21°10	28°36	T 19
W 20	15 50 9	28°55'23	18°40	5°51	13°14	1°41	1°22	23°42	12°53	25°35	9° 6	6°21	6°53	21°16	28°35	W 20
T 21	15 54 6	29°53'10	1♂43	7°59	14°16	2°26	1°32	23°38	12°56	25°34	9° 7	6°R21	6°50	21°23	28°34	T 21
F 22	15 58 2	0♂50'56	14°24	10° 6	15°18	3°11	1°43	23°34	12°59	25°33	9° 8	6°21	6°47	21°30	28°33	F 22
S 23	16 1 59	1°48'40	26°47	12°11	16°20	3°56	1°53	23°30	13° 3	25°33	9°10	6°20	6°44	21°36	28°31	S 23
S 24	16 5 55	2°46'23	8♂56	14°15	17°23	4°41	2° 4	23°26	13° 6	25°33	9°11	6°20	6°41	21°43	28°30	S 24
M 25	16 9 52	3°44'04	20°55	16°16	18°26	5°26	2°14	23°22	13° 9	25°32	9°12	6°20	6°37	21°50	28°28	M 25
T 26	16 13 49	4°41'43	2♂48	18°15	19°29	6°11	2°24	23°18	13°13	25°32	9°13	6°19	6°34	21°56	28°27	T 26
W 27	16 17 45	5°39'21	14°36	20°12	20°32	6°56	2°34	23°14	13°16	25°31	9°15	6°19	6°31	22° 3	28°25	W 27
T 28	16 21 42	6°36'58	26°24	22° 6	21°36	7°41	2°44	23°10	13°19	25°31	9°16	6°D19	6°28	22°10	28°24	T 28
F 29	16 25 38	7°34'38	8♂14	23°58	22°40	8°26	2°54	23° 6	13°22	25°31	9°17	6°R19	6°25	22°16	28°22	F 29
S 30	16 29 35	8°32'08	20° 7	25°47	23°44	9°10	3° 4	23° 1	13°26	25°31	9°18	6°19	6°21	22°23	28°20	S 30
S 31	16 33 31	9♂29'42	2♂ 6	27♂33	24♂48	9♂55	3♂14	22♂57	13♂29	25♂30	9♂20	6♂19	6♂18	22♂29	28♂18	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
F 1	14n58	20s38	0s38	8n20	1s54	2s11	0s 5	5n58	0s52	1s54	1 s 3	21s50	1n30	14n59	0s24	2n49	1n15	0s55	16s 7	21s21	21s37	19s 6	13s31	7n 2			
S 2	15 17	21 40	0n27	9 7	1 47	1 55	0 11	6 16	0 52	1 49	1 4	21 49	1 30	15 0	0 24	2 49	1 15	0 54	16 7	21 21	21 36	19 7	13 30	7 3			
S 3	15 34	21 44	1 31	9 55	1 40	1 39	0 18	6 34	0 51	1 44	1 4	21 49	1 30	15 1	0 24	2 49	1 15	0 54	16 7	21 22	21 36	19 8	13 30	7 3			
M 4	15 52	20 48	2 32	10 42	1 32	1 22	0 24	6 51	0 51	1 40	1 4	21 49	1 30	15 2	0 24	2 50	1 15	0 54	16 7	21 22	21 35	19 9	13 29	7 4			
T 5	16 9	18 54	3 27	11 30	1 24	1 5	0 30	7 9	0 50	1 35	1 4	21 49	1 30	15 3	0 24	2 50	1 15	0 53	16 7	21 22	21 35	19 10	13 29	7 4			
W 6	16 26	16 6	4 13	12 18	1 16	0 48	0 35	7 27	0 50	1 30	1 4	21 49	1 30	15 4	0 24	2 50	1 15	0 53	16 7	21 22	21 34	19 11	13 28	7 5			
T 7	16 43	12 29	4 49	13 6	1 7	0 31	0 41	7 44	0 50	1 26	1 4	21 49	1 30	15 6	0 24	2 51	1 15	0 52	16 7	21 22	21 34	19 12	13 27	7 5			
F 8	17 0	8 12	5 10	13 54	0 57	0 13	0 46	8 2	0 49	1 21	1 5	21 48	1 30	15 7	0 24	2 51	1 15	0 52	16 7	21 22	21 33	19 13	13 27	7 6			
S 9	17 16	3 22	5 16	14 42	0 48	0n 6	0 51	8 19	0 49	1 17	1 5	21 48	1 30	15 8	0 24	2 51	1 15	0 52	16 7	21 22	21 33	19 14	13 26	7 6			
S 10	17 32	1n47	5 4	15 29	0 38	0 24	0 57	8 36	0 48	1 12	1 5	21 48	1 30	15 9	0 24	2 52	1 15	0 51	16 7	21 22	21 32	19 15	13 26	7 7			
M11	17 48	7 0	4 32	16 16	0 28	0 43	1 2	8 53	0 48	1 8	1 5	21 48	1 30	15 10	0 24	2 52	1 15	0 51	16 7	21 22	21 32	19 16	13 26	7 8			
T 12	18 3	11 58	3 42	17 2	0 17	1 2	1 6	9 10	0 47	1 3	1 5	21 48	1 30	15 11	0 24	2 52	1 15	0 51	16 7	21 21	21 31	19 17	13 25	7 8			
W13	18 18	16 17	2 36	17 47	0 7	1 21	1 11	9 27	0 47	0 59	1 6	21 48	1 30	15 12	0 24	2 53	1 15	0 50	16 7	21 21	21 30	19 18	13 25	7 9			
T 14	18 33	19 33	1 18	18 31	0n 4	1 41	1 15	9 44	0 46	0 54	1 6	21 48	1 30	15 13	0 24	2 53	1 15	0 50	16 7	21 21	21 30	19 19	13 24	7 9			
F 15	18 47	21 26	0s 6	19 14	0 14	2 0	1 20	10 1	0 46	0 50	1 6	21 47	1 30	15 14	0 24	2 53	1 15	0 50	16 7	21 21	21 29	19 20	13 24	7 10			
S 16	19 1	21 44	1 28	19 55	0 25	2 20	1 24	10 18	0 45	0 46	1 6	21 47	1 30	15 15	0 24	2 53	1 15	0 49	16 7	21 21	21 29	19 21	13 23	7 10			
S 17	19 15	20 32	2 43	20 34	0 35	2 40	1 28	10 34	0 45	0 41	1 6	21 47	1 30	15 16	0 24	2 54	1 15	0 49	16 7	21 21	21 28	19 22	13 23	7 11			
M18	19 28	18 2	3 45	21 11	0 45	3 1	1 32	10 50	0 44	0 37	1 6	21 47	1 30	15 17	0 24	2 54	1 15	0 49	16 7	21 21	21 28	19 23	13 23	7 11			
T 19	19 42	14 33	4 32	21 47	0 55	3 21	1 35	11 7	0 44	0 33	1 7	21 47	1 30	15 18	0 24	2 54	1 15	0 48	16 7	21 21	21 27	19 23	13 22	7 12			
W20	19 54	10 25	5 3	22 20	1 4	3 42	1 39	11 23	0 43	0 29	1 7	21 46	1 30	15 19	0 24	2 54	1 15	0 48	16 7	21 21	21 27	19 24	13 22	7 12			
T 21	20 7	5 55	5 17	22 50	1 13	4 3	1 42	11 39	0 43	0 25	1 7	21 46	1 30	15 20	0 24	2 54	1 15	0 48	16 7	21 21	21 26	19 25	13 22	7 13			
F 22	20 19	1 18	5 15	23 18	1 22	4 24	1 46	11 55	0 42	0 21	1 7	21 46	1 30	15 21	0 24	2 55	1 15	0 47	16 8	21 21	21 26	19 26	13 22	7 13			
S 23	20 31	3s17	4 58	23 43	1 30	4 45	1 49	12 10	0 41	0 17	1 7	21 46	1 30	15 22	0 24	2 55	1 15	0 47	16 8	21 21	21 25	19 27	13 21	7 14			
S 24	20 42	7 39	4 28	24 6	1 37	5 6	1 52	12 26	0 41	0 13	1 8	21 46	1 30	15 23	0 24	2 55	1 15	0 47	16 8	21 21	21 25	19 28	13 21	7 14			
M25	20 53	11 39	3 47	24 26	1 44	5 27	1 55	12 42	0 40	0 9	1 8	21 46	1 30	15 24	0 24	2 55	1 15	0 47	16 8	21 21	21 24	19 29	13 21	7 15			
T 26	21 4	15 11	2 56	24 44	1 50	5 49	1 57	12 57	0 40	0 5	1 8	21 45	1 30	15 25	0 24	2 55	1 15	0 46	16 8	21 21	21 24	19 30	13 21	7 15			
W27	21 14	18 5	1 58	24 59	1 55	6 10	2 0	13 12	0 39	0 1	1 8	21 45	1 30	15 26	0 24	2 55	1 15	0 46	16 8	21 21	21 23	19 31	13 20	7 16			
T 28	21 24	20 14	0 55	25 11	2 0	6 31	2 2	13 27	0 39	0n 3	1 8	21 45	1 30	15 27	0 24	2 55	1 15	0 46	16 8	21 21	21 22	19 32	13 20	7 16			
F 29	21 34	21 29	0n11	25 21	2 4	6 53	2 5	13 42	0 38	0 6	1 9	21 45	1 30	15 28	0 24	2 55	1 15	0 46	16 8	21 21	21 22	19 33	13 20	7 17			
S 30	21 43	21 48	1 16	25 28	2 7	7 15	2 7	13 57	0 37	0 10	1 9	21 45	1 30	15 29	0 24	2 56	1 15	0 45	16 9	21 21	21 21	19 33	13 20	7 17			
S 31	21n52	21s 6	2n18	25n33	2n 9	7n36	2s 9	14n12	0s37	0n14	1s 9	21s44	1n30	15n30	0s24	2n56	1n15	0s45	16s 9	21s21	21s21	19s34	13s20	7n18			

ASTRODIENST EPHEMERIS for the year 2105
geocentric

JUNE 2105

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 37 28	10♂17'14	14♂13	29♂17	25♀52	10♂39	3♀23	22°R53	13♂32	25°R30	9♂21	6°R18	6♂15	22♂36	28°R17	M 1
T 2	16 41 25	11°24'46	26°31	0♂58	26°57	11°24	3°33	22♂49	13°35	25♂30	9°22	6♂18	6°12	22°43	28♂15	T 2
W 3	16 45 21	12°22'16	9♂2	2°35	28° 2	12° 8	3°42	22°44	13°38	25°30	9°23	6°17	6° 9	22°49	28°13	W 3
T 4	16 49 18	13°19'46	21°49	4°10	29° 7	12°53	3°51	22°40	13°41	25°30	9°24	6°17	6° 6	22°56	28°10	T 4
F 5	16 53 14	14°17'15	4♂54	5°42	0♂12	13°37	4° 0	22°36	13°45	25°30	9°26	6°16	6° 2	23° 3	28° 8	F 5
S 6	16 57 11	15°14'43	18°20	7°11	1°18	14°21	4° 9	22°31	13°48	25°D30	9°27	6°D16	5°59	23° 9	28° 6	S 6
S 7	17 1 7	16°12'10	2♀7	8°37	2°23	15° 6	4°18	22°27	13°51	25°30	9°28	6°16	5°56	23°16	28° 4	S 7
M 8	17 5 4	17° 9'37	16°17	10° 0	3°29	15°50	4°27	22°22	13°54	25°30	9°29	6°17	5°53	23°23	28° 1	M 8
T 9	17 9 0	18° 7'03	0♂47	11°20	4°35	16°34	4°35	22°18	13°57	25°30	9°30	6°18	5°50	23°29	27°59	T 9
W10	17 12 57	19° 4'29	15°35	12°36	5°41	17°18	4°43	22°14	14° 0	25°30	9°31	6°19	5°46	23°36	27°57	W10
T 11	17 16 54	20° 1'54	0♂34	13°50	6°47	18° 2	4°52	22° 9	14° 3	25°30	9°32	6°R19	5°43	23°43	27°54	T 11
F 12	17 20 50	20°59'18	15°37	15° 0	7°53	18°46	5° 0	22° 5	14° 6	25°30	9°33	6°19	5°40	23°49	27°51	F 12
S 13	17 24 47	21°56'42	0♂35	16° 7	9° 0	19°30	5° 8	22° 0	14° 9	25°30	9°34	6°18	5°37	23°56	27°49	S 13
S 14	17 28 43	22°54'05	15°20	17°11	10° 6	20°14	5°16	21°56	14°11	25°31	9°36	6°17	5°34	24° 3	27°46	S 14
M15	17 32 40	23°51'27	29°45	18°11	11°13	20°57	5°23	21°51	14°14	25°31	9°37	6°15	5°31	24° 9	27°43	M15
T 16	17 36 36	24°48'48	13♂46	19° 8	12°20	21°41	5°31	21°47	14°17	25°31	9°38	6°12	5°27	24°16	27°41	T 16
W17	17 40 33	25°46'08	27°19	20° 1	13°27	22°25	5°38	21°43	14°20	25°32	9°39	6°10	5°24	24°22	27°38	W17
T 18	17 44 29	26°43'27	10♂27	20°50	14°34	23° 8	5°46	21°38	14°23	25°32	9°40	6° 8	5°21	24°29	27°35	T 18
F 19	17 48 26	27°40'45	23°11	21°36	15°41	23°52	5°53	21°34	14°25	25°32	9°41	6°D 8	5°18	24°36	27°32	F 19
S 20	17 52 23	28°38'03	5♂34	22°18	16°49	24°35	6° 0	21°29	14°28	25°33	9°42	6° 8	5°15	24°42	27°29	S 20
S 21	17 56 19	29°35'19	17°41	22°56	17°56	25°19	6° 6	21°25	14°31	25°33	9°43	6° 9	5°12	24°49	27°26	S 21
M22	18 0 16	0♂32'35	29°38	23°30	19° 4	26° 2	6°13	21°21	14°33	25°34	9°43	6°10	5° 8	24°56	27°23	M22
T 23	18 4 12	1°29'50	11♂27	23°59	20°11	26°45	6°20	21°16	14°36	25°34	9°44	6°12	5° 5	25° 2	27°20	T 23
W24	18 8 9	2°27'05	23°15	24°24	21°19	27°28	6°26	21°12	14°39	25°35	9°45	6°13	5° 2	25° 9	27°17	W24
T 25	18 12 5	3°24'19	5♂4	24°45	22°27	28°12	6°32	21° 8	14°41	25°35	9°46	6°R14	4°59	25°16	27°14	T 25
F 26	18 16 2	4°21'33	16°58	25° 2	23°35	28°55	6°38	21° 3	14°44	25°36	9°47	6°13	4°56	25°22	27°11	F 26
S 27	18 19 58	5°18'46	28°59	25°13	24°43	29°38	6°44	20°59	14°46	25°37	9°48	6°12	4°53	25°29	27° 7	S 27
S 28	18 23 55	6°15'59	11♂9	25°21	25°51	0♂21	6°50	20°55	14°49	25°37	9°49	6° 8	4°49	25°36	27° 4	S 28
M29	18 27 52	7°13'11	23°31	25°R23	27° 0	1° 4	6°55	20°51	14°51	25°38	9°50	6° 4	4°46	25°42	27° 1	M29
T 30	18 31 48	8♂10'23	6♂5	25♂21	28♂8	1♂46	7♀1	20♂47	14♂53	25♂39	9♂50	5♂59	4♂43	25♂49	26♂57	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	22n 0	19s26	3n16	25n35	2n10	7n58	2s11	14n26	0s36	0n17	1s 9	21s44	1n30	15n31	0s24	2n56
T 2	22 8	16 50	4 4	25 36	2 11	8 19	2 12	14 41	0 36	0 21	1 10	21 44	1 30	15 32	0 24	2 56
W 3	22 16	13 26	4 42	25 34	2 11	8 41	2 14	14 55	0 35	0 24	1 10	21 44	1 30	15 33	0 24	2 56
T 4	22 23	9 22	5 7	25 31	2 10	9 2	2 15	15 9	0 34	0 28	1 10	21 44	1 30	15 34	0 24	2 56
F 5	22 30	4 47	5 17	25 26	2 8	9 24	2 17	15 23	0 34	0 31	1 10	21 44	1 30	15 35	0 24	2 56
S 6	22 37	0n 9	5 10	25 19	2 5	9 45	2 18	15 36	0 33	0 34	1 10	21 43	1 30	15 36	0 24	2 56
S 7	22 43	5 13	4 46	25 10	2 2	10 7	2 19	15 50	0 33	0 38	1 11	21 43	1 30	15 36	0 24	2 56
M 8	22 48	10 8	4 3	25 0	1 58	10 28	2 20	16 3	0 32	0 41	1 11	21 43	1 30	15 37	0 24	2 56
T 9	22 54	14 37	3 5	24 49	1 53	10 49	2 21	16 17	0 31	0 44	1 11	21 43	1 29	15 38	0 24	2 56
W10	22 59	18 17	1 53	24 36	1 47	11 11	2 22	16 30	0 31	0 47	1 11	21 43	1 29	15 39	0 24	2 55
T 11	23 3	20 47	0 32	24 23	1 41	11 32	2 22	16 43	0 30	0 50	1 12	21 42	1 29	15 40	0 24	2 55
F 12	23 7	21 48	0s51	24 8	1 34	11 52	2 23	16 55	0 30	0 53	1 12	21 42	1 29	15 41	0 24	2 55
S 13	23 11	21 15	2 10	23 52	1 26	12 13	2 23	17 8	0 29	0 56	1 12	21 42	1 29	15 42	0 24	2 55
S 14	23 14	19 14	3 20	23 36	1 17	12 34	2 24	17 20	0 28	0 59	1 12	21 42	1 29	15 43	0 24	2 55
M15	23 17	16 3	4 14	23 19	1 8	12 54	2 24	17 32	0 28	1 2	1 13	21 42	1 29	15 43	0 24	2 55
T 16	23 19	12 1	4 52	23 1	0 58	13 14	2 24	17 44	0 27	1 4	1 13	21 41	1 29	15 44	0 24	2 55
W17	23 21	7 30	5 12	22 43	0 47	13 35	2 24	17 56	0 26	1 7	1 13	21 41	1 29	15 45	0 24	2 55
T 18	23 23	2 47	5 15	22 24	0 36	13 54	2 24	18 8	0 26	1 10	1 13	21 41	1 29	15 46	0 24	2 54
F 19	23 24	1s55	5 2	22 5	0 24	14 14	2 24	18 19	0 25	1 12	1 14	21 41	1 29	15 47	0 24	2 54
S 20	23 25	6 25	4 35	21 46	0 11	14 33	2 23	18 31	0 24	1 15	1 14	21 41	1 29	15 47	0 24	2 54
S 21	23 25	10 35	3 57	21 27	0s 2	14 53	2 23	18 42	0 24	1 17	1 14	21 40	1 29	15 48	0 24	2 54
M22	23 25	14 16	3 8	21 8	0 15	15 12	2 22	18 53	0 23	1 20	1 14	21 40	1 28	15 49	0 24	2 54
T 23	23 25	17 21	2 12	20 49	0 30	15 30	2 22	19 4	0 22	1 22	1 15	21 40	1 28	15 50	0 24	2 53
W24	23 24	19 43	1 11	20 30	0 44	15 49	2 21	19 14	0 22	1 24	1 15	21 40	1 28	15 51	0 24	2 53
T 25	23 23	21 14	0 6	20 11	0 59	16 7	2 20	19 24	0 21	1 26	1 15	21 40	1 28	15 51	0 24	2 53
F 26	23 21	21 49	0n59	19 53	1 15	16 25	2 19	19 35	0 20	1 29	1 16	21 40	1 28	15 52	0 24	2 53
S 27	23 19	21 24	2 2	19 36	1 30	16 42	2 18	19 45	0 19	1 31	1 16	21 39	1 28	15 53	0 24	2 52
S 28	23 17	19 58	3 0	19 19	1 46	16 59	2 17	19 54	0 19	1 33	1 16	21 39	1 28	15 53	0 24	2 52
M29	23 14	17 36	3 50	19 3	2 2	17 16	2 16	20 4	0 18	1 35	1 16	21 39	1 28	15 54	0 24	2 52
T 30	23n10	14s22	4n31	18n47	2s18	17n33	2s15	20n13	0s17	1n36	1s17	21s39	1n28	15n55	0s24	2n51

Julian Day Number = 2490046.5, Delta T = 95.74 sec
Ecliptic obliquity = 23°25'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°12'47, Lahiri = 25°19'48

ASTRODIENST EPHEMERIS for the year 2105

geocentric

JULY 2105

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 35 45	9°56' 736	18°55' 51	25°R15	29°8' 17	2°II29	7°V 6	20°R43	14°8' 56	25°M40	9°8' 51	5°R53	4°7' 40	25°M56	26°R54	W 1
T 2	18 39 41	10° 4' 48	1°X51	25°8' 4	0°II25	3°12	7°11	20°7' 39	14°58	25°40	9°52	5°7' 49	4°33	26° 2	26°51	T 2
F 3	18 43 38	11° 2' 00	15° 6	24°49	1°34	3°55	7°16	20°35	15° 0	25°41	9°53	5°45	4°33	26° 9	26°47	F 3
S 4	18 47 34	11°59'12	28°35	24°29	2°43	4°37	7°20	20°31	15° 3	25°42	9°53	5°42	4°30	26°15	26°44	S 4
S 5	18 51 31	12°56'25	12°V19	24° 6	3°52	5°20	7°25	20°27	15° 5	25°43	9°54	5°D42	4°27	26°22	26°40	S 5
M 6	18 55 27	13°53'37	26°19	23°39	5° 1	6° 2	7°29	20°23	15° 7	25°44	9°55	5°42	4°24	26°29	26°37	M 6
T 7	18 59 24	14°50'50	10°8'34	23° 9	6°10	6°45	7°33	20°19	15° 9	25°45	9°56	5°43	4°21	26°35	26°33	T 7
W 8	19 3 21	15°48'04	25° 2	22°37	7°19	7°27	7°37	20°15	15°11	25°46	9°56	5°45	4°18	26°42	26°30	W 8
T 9	19 7 17	16°45'18	9°II40	22° 2	8°28	8° 9	7°41	20°11	15°13	25°47	9°57	5°R45	4°14	26°49	26°26	T 9
F 10	19 11 14	17°42'32	24°24	21°25	9°38	8°51	7°45	20° 8	15°15	25°48	9°58	5°44	4°11	26°55	26°23	F 10
S 11	19 15 10	18°39'46	9°8' 6	20°47	10°47	9°34	7°48	20° 4	15°17	25°49	9°58	5°40	4° 8	27° 2	26°19	S 11
S 12	19 19 7	19°37'00	23°39	20° 9	11°57	10°16	7°52	20° 0	15°19	25°50	9°59	5°35	4° 5	27° 9	26°16	S 12
M13	19 23 3	20°34'15	7°Ω58	19°31	13° 6	10°58	7°55	19°57	15°21	25°51	9°59	5°29	4° 2	27°15	26°12	M13
T 14	19 27 0	21°31'29	21°56	18°54	14°16	11°40	7°58	19°53	15°23	25°52	10° 0	5°21	3°59	27°22	26° 9	T 14
W15	19 30 56	22°28'44	5°M31	18°19	15°26	12°21	8° 0	19°50	15°25	25°54	10° 0	5°14	3°55	27°29	26° 5	W15
T 16	19 34 53	23°25'59	18°40	17°45	16°36	13° 3	8° 3	19°47	15°26	25°55	10° 1	5° 8	3°52	27°35	26° 1	T 16
F 17	19 38 50	24°23'13	1°Δ26	17°14	17°46	13°45	8° 5	19°43	15°28	25°56	10° 1	5° 4	3°49	27°42	25°58	F 17
S 18	19 42 46	25°20'28	13°51	16°47	18°56	14°27	8° 7	19°40	15°30	25°57	10° 2	5° 1	3°46	27°49	25°54	S 18
S 19	19 46 43	26°17'43	25°59	16°23	20° 6	15° 8	8° 9	19°37	15°31	25°59	10° 2	5°D 0	3°43	27°55	25°51	S 19
M20	19 50 39	27°14'58	7°M58	16° 4	21°16	15°50	8°11	19°34	15°33	26° 0	10° 3	5° 1	3°39	28° 2	25°47	M20
T 21	19 54 36	28°12'13	19°44	15°49	22°26	16°31	8°12	19°31	15°35	26° 1	10° 3	5° 2	3°36	28° 8	25°43	T 21
W22	19 58 32	29° 9'28	1°X32	15°40	23°36	17°13	8°14	19°28	15°36	26° 3	10° 4	5°R 3	3°33	28°15	25°40	W22
T 23	20 2 29	0°Ω 6'44	13°24	15°D35	24°47	17°54	8°15	19°25	15°38	26° 4	10° 4	5° 3	3°30	28°22	25°36	T 23
F 24	20 6 25	1° 4'00	25°23	15°36	25°57	18°35	8°16	19°23	15°39	26° 5	10° 4	5° 0	3°27	28°28	25°33	F 24
S 25	20 10 22	2° 1'17	7°33	15°43	27° 7	19°16	8°17	19°20	15°40	26° 7	10° 5	4°56	3°24	28°35	25°29	S 25
S 26	20 14 19	2°58'34	19°56	15°56	28°18	19°57	8°17	19°17	15°42	26° 8	10° 5	4°49	3°20	28°42	25°25	S 26
M27	20 18 15	3°55'51	2°X35	16°14	29°29	20°38	8°18	19°15	15°43	26°10	10° 5	4°41	3°17	28°48	25°22	M27
T 28	20 22 12	4°53'09	15°28	16°39	0°8'39	21°19	8°18	19°12	15°44	26°11	10° 6	4°31	3°14	28°55	25°18	T 28
W29	20 26 8	5°50'28	28°36	17° 9	1°50	22° 0	8°R18	19°10	15°45	26°13	10° 6	4°20	3°11	29° 2	25°15	W29
T 30	20 30 5	6°47'47	11°X57	17°46	3° 1	22°41	8°18	19° 8	15°46	26°15	10° 6	4°11	3° 8	29° 8	25°11	T 30
F 31	20 34 1	7°Ω45'07	25°X30	18°8'28	4°8'12	23°II22	8°V17	19°7' 6	15°8'48	26°M16	10°8' 6	4°7' 3	3°7' 4	29°M15	25°8' 8	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	23n 7	10s26	4n58	18n33	2s34	17n49	2s13	20n22	0s17	1n38	1s17	21s39	1n27	15n56	0s24	2n51
T 2	23 3	5 58	5 11	18 19	2 50	18 5	2 12	20 31	0 16	1 40	1 17	21 39	1 27	15 56	0 24	2 51
F 3	22 58	1 8	5 8	18 7	3 5	18 20	2 10	20 40	0 15	1 42	1 17	21 38	1 27	15 57	0 24	2 50
S 4	22 53	3n50	4 47	17 55	3 20	18 35	2 9	20 49	0 14	1 43	1 18	21 38	1 27	15 57	0 24	2 50
S 5	22 48	8 43	4 11	17 45	3 35	18 50	2 7	20 57	0 14	1 45	1 18	21 38	1 27	15 58	0 24	2 50
M 6	22 42	13 14	3 18	17 36	3 48	19 4	2 5	21 5	0 13	1 46	1 18	21 38	1 27	15 59	0 24	2 49
T 7	22 36	17 5	2 13	17 29	4 1	19 18	2 3	21 13	0 12	1 48	1 19	21 38	1 27	15 59	0 24	2 49
W 8	22 29	19 57	0 58	17 22	4 13	19 31	2 2	21 21	0 12	1 49	1 19	21 38	1 27	16 0	0 24	2 48
T 9	22 22	21 32	0s21	17 18	4 23	19 44	2 0	21 28	0 11	1 50	1 19	21 38	1 26	16 1	0 24	2 48
F 10	22 15	21 39	1 40	17 14	4 32	19 56	1 58	21 36	0 10	1 51	1 19	21 37	1 26	16 1	0 24	2 47
S 11	22 8	20 16	2 51	17 12	4 40	20 8	1 56	21 43	0 9	1 52	1 20	21 37	1 26	16 2	0 24	2 47
S 12	21 59	17 34	3 50	17 11	4 46	20 20	1 53	21 50	0 9	1 53	1 20	21 37	1 26	16 2	0 24	2 47
M13	21 51	13 51	4 34	17 12	4 51	20 31	1 51	21 57	0 8	1 54	1 20	21 37	1 26	16 3	0 24	2 46
T 14	21 42	9 27	5 0	17 14	4 54	20 42	1 49	22 3	0 7	1 55	1 21	21 37	1 26	16 3	0 24	2 46
W15	21 33	4 42	5 8	17 18	4 55	20 52	1 47	22 9	0 6	1 56	1 21	21 37	1 25	16 4	0 24	2 45
T 16	21 24	4 0s 7	5 0	17 22	4 55	21 1	1 44	22 15	0 6	1 57	1 21	21 37	1 25	16 4	0 24	2 45
F 17	21 14	4 48	4 37	17 28	4 53	21 10	1 42	22 21	0 5	1 57	1 22	21 37	1 25	16 5	0 24	2 44
S 18	21 3	9 9	4 1	17 35	4 50	21 19	1 39	22 27	0 4	1 58	1 22	21 37	1 25	16 5	0 24	2 44
S 19	20 53	13 3	3 15	17 43	4 44	21 27	1 37	22 32	0 3	1 58	1 22	21 37	1 25	16 6	0 24	2 43
M20	20 42	16 22	2 21	17 51	4 38	21 34	1 34	22 38	0 3	1 59	1 22	21 36	1 25	16 6	0 24	2 42
T 21	20 30	18 58	1 22	18 1	4 30	21 41	1 32	22 43	0 2	1 59	1 23	21 36	1 25	16 7	0 24	2 42
W22	20 19	20 46	0 19	18 11	4 21	21 47	1 29	22 48	0 1	1 59	1 23	21 36	1 24	16 7	0 24	2 41
T 23	20 7	21 39	0n45	18 22	4 11	21 53	1 26	22 52	0 0	2 0	1 23	21 36	1 24	16 7	0 24	2 41
F 24	19 55	21 34	1 47	18 33	4 0	21 58	1 24	22 57	0n 1	2 0	1 24	21 36	1 24	16 8	0 24	2 40
S 25	19 42	20 28	2 45	18 44	3 47	22 3	1 21	23 1	0 1	2 0	1 24	21 36	1 24	16 8	0 24	2 40
S 26	19 29	18 22	3 37	18 55	3 34	22 7	1 18	23 5	0 2	2 0	1 24	21 36	1 24	16 9	0 24	2 39
M27	19 16	15 23	4 18	19 7	3 21	22 10	1 15	23 9	0 3	2 0	1 25	21 36	1 23	16 9	0 24	2 38
T 28	19 2	11 36	4 48	19 18	3 7	22 13	1 13	23 12	0 4	1 59	1 25	21 36	1 23	16 9	0 24	2 38
W29	18 48	7 13	5 2	19 29	2 52	22 15	1 10	23 15	0 4	1 59	1 25	21 36	1 23	16 10	0 24	2 37
T 30	18 34	2 26	5 1	19 39	2 37	22 17	1 7	23 19	0 5	1 59	1 25	21 36	1 23	16 10	0 24	2 36
F 31	18n19	2n33	4n43	19n48	2s22	22n18	1s 4	23n22	0n 6	1n58	1s26	21s36	1n23	16n10	0s24	2n36

Julian Day Number = 2490076.5, Delta T = 95.78 sec
 Ecliptic obliquity = 23°25'28", Nutation = 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°12'51", Lahiri = 25°19'52"

ASTRODIENST EPHEMERIS for the year 2105

geocentric

AUGUST 2105

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 37 58	8♂42'29	9♂13	19♂16	5♂23	24♂3	8♂17	19♂4	15♂49	26♂18	10♂7	3♂57	3♂1	29♂22	25♂4	S 1
S 2	20 41 54	9°39'51	23° 4	20°10	6°34	24°43	8♂16	19♂1	15°50	26°19	10° 7	3♂54	2°58	29°28	25♂1	S 2
M 3	20 45 51	10°37'15	7♂3	21°10	7°45	25°24	8°15	19° 0	15°51	26°21	10° 7	3♂53	2°55	29°35	24°58	M 3
T 4	20 49 48	11°34'39	21°10	22°15	8°56	26° 4	8°14	18°58	15°51	26°23	10° 7	3°53	2°52	29°42	24°54	T 4
W 5	20 53 44	12°32'05	5♂22	23°26	10° 8	26°45	8°12	18°56	15°52	26°24	10° 7	3♂53	2°49	29°48	24°51	W 5
T 6	20 57 41	13°29'33	19°39	24°42	11°19	27°25	8°11	18°54	15°53	26°26	10° 7	3°52	2°45	29°55	24°48	T 6
F 7	21 1 37	14°27'01	3♂59	26° 3	12°30	28° 5	8° 9	18°53	15°54	26°28	10° 7	3°50	2°42	0♂1	24°44	F 7
S 8	21 5 34	15°24'31	18°16	27°29	13°42	28°45	8° 7	18°51	15°55	26°30	10° 7	3°44	2°39	0° 8	24°41	S 8
S 9	21 9 30	16°22'01	2♂28	29° 0	14°53	29°25	8° 5	18°50	15°55	26°31	10° 7	3°36	2°36	0°15	24°38	S 9
M10	21 13 27	17°19'33	16°29	0♂36	16° 5	0♂5	8° 3	18°49	15°56	26°33	10♂R 7	3°25	2°33	0°21	24°35	M10
T 11	21 17 23	18°17'06	0♂13	2°15	17°17	0°45	8° 0	18°47	15°56	26°35	10° 7	3°14	2°30	0°28	24°31	T 11
W12	21 21 20	19°14'39	13°39	3°58	18°28	1°25	7°57	18°46	15°57	26°37	10° 7	3° 2	2°26	0°35	24°28	W12
T 13	21 25 17	20°12'14	26°43	5°45	19°40	2° 5	7°54	18°45	15°57	26°39	10° 7	2°52	2°23	0°41	24°25	T 13
F 14	21 29 13	21° 9'50	9♂26	7°35	20°52	2°45	7°51	18°44	15°58	26°41	10° 7	2°44	2°20	0°48	24°22	F 14
S 15	21 33 10	22° 7'26	21°49	9°28	22° 4	3°24	7°48	18°43	15°58	26°42	10° 7	2°38	2°17	0°55	24°19	S 15
S 16	21 37 6	23° 5'04	3♂57	11°23	23°16	4° 4	7°44	18°43	15°58	26°44	10° 7	2°35	2°14	1° 1	24°16	S 16
M17	21 41 3	24° 2'42	15°53	13°20	24°28	4°43	7°41	18°42	15°59	26°46	10° 7	2°33	2°10	1° 8	24°13	M17
T 18	21 44 59	25° 0'22	27°42	15°18	25°40	5°23	7°37	18°41	15°59	26°48	10° 7	2°33	2° 7	1°15	24°11	T 18
W19	21 48 56	25°58'03	9♂31	17°18	26°52	6° 2	7°33	18°41	15°59	26°50	10° 6	2°33	2° 4	1°21	24° 8	W19
T 20	21 52 52	26°55'44	21°24	19°18	28° 4	6°41	7°29	18°41	15°59	26°52	10° 6	2°32	2° 1	1°28	24° 5	T 20
F 21	21 56 49	27°53'27	3♂27	21°19	29°17	7°21	7°24	18°40	15°59	26°54	10° 6	2°29	1°58	1°34	24° 2	F 21
S 22	22 0 46	28°51'11	15°43	23°21	0♂29	8° 0	7°20	18°40	15°59	26°56	10° 6	2°24	1°55	1°41	24° 0	S 22
S 23	22 4 42	29°48'56	28°17	25°22	1°41	8°39	7°15	18°D40	15°59	26°58	10° 6	2°16	1°51	1°48	23°57	S 23
M24	22 8 39	0♂46'42	11♂10	27°23	2°54	9°18	7°10	18°40	15°59	27° 0	10° 5	2° 5	1°48	1°54	23°54	M24
T 25	22 12 35	1°44'30	24°23	29°23	4° 6	9°56	7° 5	18°40	15°59	27° 2	10° 5	1°53	1°45	2° 1	23°52	T 25
W26	22 16 32	2°42'18	7♂53	1♂23	5°19	10°35	7° 0	18°41	15°59	27° 4	10° 5	1°41	1°42	2° 8	23°49	W26
T 27	22 20 28	3°40'09	21°39	3°22	6°31	11°14	6°54	18°41	15°58	27° 6	10° 4	1°29	1°39	2°14	23°47	T 27
F 28	22 24 25	4°38'01	5♂37	5°20	7°44	11°52	6°49	18°41	15°58	27° 8	10° 4	1°20	1°36	2°21	23°45	F 28
S 29	22 28 21	5°35'54	19°42	7°17	8°57	12°31	6°43	18°42	15°58	27°11	10° 4	1°12	1°32	2°28	23°42	S 29
S 30	22 32 18	6°33'50	3♂51	9°13	10°10	13° 9	6°37	18°42	15°57	27°13	10° 3	1° 8	1°29	2°34	23°40	S 30
M31	22 36 15	7♂31'47	18♂0	11♂8	11♂22	13♂48	6♂31	18♂43	15♂57	27♂15	10♂3	1♂6	1♂26	2♂41	23♂38	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	18n 4	7n28	4n 9	19n57	2s 7	22n18	1s 1	23n24	0n 7	1n58	1s26	21s36	1n23	16n11	0s24	2n35
S 2	17 49	12 3	3 20	20 5	1 51	22 18	0 58	23 27	0 8	1 57	1 26	21 36	1 22	16 11	0 24	2 34
M 3	17 34	16 2	2 18	20 11	1 36	22 17	0 55	23 29	0 8	1 57	1 27	21 36	1 22	16 11	0 24	2 34
T 4	17 18	19 7	1 7	20 16	1 20	22 15	0 52	23 31	0 9	1 56	1 27	21 36	1 22	16 11	0 24	2 33
W 5	17 2 21	3 0s	8 20	19 1	5 22	13 0	49	23 33	0 10	1 55	1 27	21 36	1 22	16 12	0 24	2 32
T 6	16 46	21 39	1 23	20 21	0 50	22 11	0 46	23 35	0 11	1 54	1 27	21 36	1 22	16 12	0 24	2 32
F 7	16 29	20 49	2 33	20 20	0 36	22 7	0 43	23 36	0 12	1 53	1 28	21 36	1 21	16 12	0 24	2 31
S 8	16 12	18 40	3 33	20 18	0 22	22 3	0 40	23 38	0 13	1 52	1 28	21 36	1 21	16 12	0 24	2 30
S 9	15 55	15 23	4 19	20 13	0 8	21 59	0 37	23 39	0 13	1 51	1 28	21 37	1 21	16 12	0 24	2 30
M10	15 38	11 18	4 49	20 6	0n 5	21 54	0 34	23 40	0 14	1 50	1 29	21 37	1 21	16 12	0 24	2 29
T 11	15 20	6 41	5 1	19 56	0 17	21 48	0 31	23 40	0 15	1 49	1 29	21 37	1 21	16 13	0 24	2 28
W12	15 3	1 52	4 57	19 43	0 29	21 41	0 28	23 41	0 16	1 47	1 29	21 37	1 21	16 13	0 24	2 27
T 13	14 44	2s55	4 36	19 28	0 40	21 34	0 25	23 41	0 17	1 46	1 29	21 37	1 20	16 13	0 24	2 27
F 14	14 26	7 27	4 3	19 10	0 50	21 27	0 22	23 41	0 18	1 44	1 30	21 37	1 20	16 13	0 24	2 26
S 15	14 8	11 34	3 18	18 50	1 0	21 18	0 19	23 41	0 18	1 43	1 30	21 37	1 20	16 13	0 24	2 25
S 16	13 49	15 6	2 26	18 27	1 8	21 10	0 16	23 41	0 19	1 41	1 30	21 37	1 20	16 13	0 24	2 24
M17	13 30	17 58	1 27	18 1	1 16	21 0	0 13	23 40	0 20	1 40	1 30	21 37	1 20	16 13	0 24	2 23
T 18	13 11	20 3	0 26	17 33	1 23	20 50	0 10	23 40	0 21	1 38	1 31	21 38	1 19	16 13	0 24	2 23
W19	12 51	21 15	0n37	17 3	1 28	20 39	0 7	23 39	0 22	1 36	1 31	21 38	1 19	16 13	0 24	2 22
T 20	12 32	21 31	1 38	16 30	1 33	20 28	0 4	23 38	0 23	1 34	1 31	21 38	1 19	16 13	0 24	2 21
F 21	12 12	20 47	2 36	15 55	1 37	20 16	0 1	23 37	0 23	1 32	1 31	21 38	1 19	16 13	0 24	2 20
S 22	11 52	19 4	3 27	15 19	1 41	20 4	0n 2	23 35	0 24	1 30	1 32	21 38	1 19	16 13	0 24	2 20
S 23	11 32	16 24	4 10	14 41	1 43	19 51	0 5	23 34	0 25	1 28	1 32	21 38	1 18	16 13	0 24	2 19
M24	11 11	12 54	4 41	14 1	1 45	19 37	0 8	23 32	0 26	1 26	1 32	21 39	1 18	16 13	0 24	2 18
T 25	10 51	8 42	4 58	13 20	1 46	19 23	0 10	23 30	0 27	1 24	1 32	21 39	1 18	16 13	0 25	2 17
W26	10 30	3 59	4 59	12 38	1 46	19 8	0 13	23 28	0 28	1 21	1 33	21 39	1 18	16 13	0 25	2 16
T 27	10 9	1n 1	4 42	11 54	1 45	18 53	0 16	23 26	0 29	1 19	1 33	21 39	1 18	16 13	0 25	2 15
F 28	9 48	6 2	4 9	11 10	1 44	18 38	0 19	23 23	0 30	1 17	1 33	21 39	1 17	16 13	0 25	2 15
S 29	9 27	10 47	3 27	10 25	1 43	18 21	0 21	23 20	0 30	1 14	1 33	21 40	1 17	16 13	0 25	2 14
S 30	9 6	14 58	2 19	9 39	1 40	18 4	0 24	23 18	0 31	1 12	1 33	21 40	1 17	16 13	0 25	2 13
M31	8n44	18n17	1n 9	8n53	1n37	17n47	0n27	23n15	0n32	1n 9	1s34	21s40	1n17	16n13	0s25	2n12

Julian Day Number = 2490107.5, Delta T = 95.83 sec
 Ecliptic obliquity = 23°25'28, Nutation = 0°00'17, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°12'56, Lahiri = 25°19'56

ASTRODIENST EPHEMERIS for the year 2105

geocentric

OCTOBER 2105

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 38 28	7♂43'06	11♂11	0♂52	19♂26	2♂50	2°R41	19♂52	15°R21	28♂23	9°R41	28°R38	29♂47	6♂7	23♂5	T 1
F 2	0 42 24	8°42'03	25° 0	2°10	20°40	3°25	2°Y33	19°56	15♂19	28°25	9♂40	28♂37	29°44	6°14	23° 5	F 2
S 3	0 46 21	9°41'01	8♂38	3°27	21°54	4° 0	2°25	19°59	15°17	28°27	9°39	28°34	29°41	6°20	23° 6	S 3
S 4	0 50 17	10°40'02	22° 2	4°42	23° 9	4°35	2°17	20° 3	15°15	28°30	9°38	28°28	29°38	6°27	23° 6	S 4
M 5	0 54 14	11°39'06	5♂15	5°56	24°23	5°10	2° 9	20° 7	15°13	28°32	9°37	28°21	29°35	6°33	23° 6	M 5
T 6	0 58 10	12°38'11	18°15	7° 8	25°38	5°45	2° 1	20°11	15°11	28°34	9°36	28°13	29°32	6°40	23° 7	T 6
W 7	1 2 7	13°37'18	1♂1	8°19	26°52	6°19	1°53	20°15	15° 9	28°36	9°35	28° 5	29°28	6°47	23° 7	W 7
T 8	1 6 4	14°36'28	13°34	9°28	28° 7	6°54	1°46	20°19	15° 7	28°38	9°34	27°57	29°25	6°53	23° 8	T 8
F 9	1 10 0	15°35'40	25°55	10°34	29°21	7°28	1°38	20°23	15° 5	28°40	9°33	27°51	29°22	7° 0	23° 8	F 9
S 10	1 13 57	16°34'53	8♂3	11°39	0♂36	8° 2	1°31	20°27	15° 3	28°43	9°32	27°47	29°19	7° 7	23° 9	S 10
S 11	1 17 53	17°34'09	20° 2	12°41	1°51	8°36	1°23	20°32	15° 1	28°45	9°31	27°45	29°16	7°13	23°10	S 11
M12	1 21 50	18°33'27	1♂53	13°41	3° 5	9°10	1°16	20°36	14°59	28°47	9°30	27°D45	29°13	7°20	23°11	M12
T 13	1 25 46	19°32'46	13°40	14°38	4°20	9°44	1° 9	20°41	14°57	28°49	9°29	27°46	29° 9	7°27	23°12	T 13
W14	1 29 43	20°32'07	25°27	15°33	5°35	10°18	1° 2	20°45	14°55	28°51	9°28	27°48	29° 6	7°33	23°13	W14
T 15	1 33 39	21°31'30	7♂19	16°23	6°50	10°51	0°55	20°50	14°52	28°53	9°27	27°49	29° 3	7°40	23°14	T 15
F 16	1 37 36	22°30'55	19°20	17°11	8° 4	11°25	0°48	20°55	14°50	28°55	9°26	27°R50	29° 0	7°47	23°15	F 16
S 17	1 41 33	23°30'22	1♂36	17°54	9°19	11°58	0°41	20°59	14°48	28°57	9°25	27°50	28°57	7°53	23°17	S 17
S 18	1 45 29	24°29'50	14°12	18°33	10°34	12°31	0°34	21° 4	14°46	28°59	9°24	27°48	28°53	8° 0	23°18	S 18
M19	1 49 26	25°29'20	27°12	19° 7	11°49	13° 4	0°28	21° 9	14°43	29° 1	9°23	27°45	28°50	8° 6	23°19	M19
T 20	1 53 22	26°28'52	10♂38	19°36	13° 4	13°37	0°21	21°14	14°41	29° 4	9°22	27°41	28°47	8°13	23°21	T 20
W21	1 57 19	27°28'25	24°30	20° 0	14°19	14° 9	0°15	21°19	14°39	29° 6	9°21	27°36	28°44	8°20	23°22	W21
T 22	2 1 15	28°28'01	8°Y48	20°17	15°34	14°42	0° 9	21°24	14°36	29° 8	9°19	27°32	28°41	8°26	23°24	T 22
F 23	2 5 12	29°27'38	23°26	20°27	16°49	15°14	0° 3	21°30	14°34	29°10	9°18	27°28	28°38	8°33	23°26	F 23
S 24	2 9 8	0♂27'17	8♂18	20°R30	18° 4	15°46	29♂57	21°35	14°32	29°11	9°17	27°26	28°34	8°40	23°28	S 24
S 25	2 13 5	1°26'58	23°16	20°25	19°19	16°18	29°51	21°40	14°29	29°13	9°16	27°D25	28°31	8°46	23°29	S 25
M26	2 17 1	2°26'42	8♂11	20°11	20°34	16°50	29°45	21°45	14°27	29°15	9°15	27°25	28°28	8°53	23°31	M26
T 27	2 20 58	3°26'27	22°56	19°49	21°49	17°22	29°40	21°51	14°24	29°17	9°14	27°26	28°25	9° 0	23°33	T 27
W28	2 24 55	4°26'15	7♂27	19°18	23° 4	17°53	29°35	21°56	14°22	29°19	9°13	27°27	28°22	9° 6	23°36	W28
T 29	2 28 51	5°26'05	21°38	18°37	24°19	18°25	29°30	22° 2	14°20	29°21	9°12	27°29	28°18	9°13	23°38	T 29
F 30	2 32 48	6°25'58	5♂30	17°48	25°34	18°56	29°25	22° 8	14°17	29°23	9°10	27°R29	28°15	9°20	23°40	F 30
S 31	2 36 44	7♂25'52	19♂1	16♂50	26♂49	19♂27	29♂20	22♂13	14♂15	29♂25	9♂ 9	27♂29	28♂12	9♂26	23♂42	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
T 1	3s 4	19n29	3s29	13s26	1s47	5n28	1n24	20n30	1n 1	0s25	1s37	21s52	1n11	16n 2	0s25	1n45	1n12	1s10	16s41	19s51	20s 6	20s45	14s27	7n 6			
F 2	3 27	16 54	4 17	14 0	1 54	4 59	1 24	20 23	1 2	0 28	1 37	21 52	1 11	16 1	0 25	1 44	1 13	1 10	16 41	19 50	20 5	20 46	14 28	7 5			
S 3	3 50	13 26	4 50	14 33	2 1	4 31	1 25	20 16	1 3	0 31	1 37	21 52	1 11	16 1	0 25	1 43	1 13	1 11	16 41	19 50	20 4	20 46	14 28	7 5			
S 4	4 13	9 19	5 6	15 5	2 8	4 2	1 26	20 9	1 4	0 34	1 37	21 53	1 10	16 0	0 25	1 42	1 13	1 11	16 42	19 48	20 4	20 46	14 29	7 4			
M 5	4 36	4 50	5 6	15 36	2 14	3 33	1 27	20 1	1 5	0 37	1 36	21 53	1 10	16 0	0 25	1 42	1 13	1 11	16 42	19 47	20 3	20 46	14 29	7 3			
T 6	4 59	0 12	4 50	16 6	2 21	3 4	1 27	19 54	1 6	0 40	1 36	21 54	1 10	15 59	0 25	1 41	1 13	1 12	16 42	19 45	20 2	20 47	14 30	7 3			
W 7	5 22	4s22	4 19	16 35	2 27	2 35	1 28	19 46	1 7	0 43	1 36	21 54	1 10	15 58	0 25	1 40	1 13	1 12	16 42	19 43	20 2	20 47	14 30	7 2			
T 8	5 45	8 41	3 37	17 3	2 33	2 6	1 28	19 38	1 8	0 46	1 36	21 55	1 10	15 58	0 25	1 39	1 13	1 13	16 42	19 42	20 1	20 47	14 30	7 2			
F 9	6 8	12 33	2 44	17 30	2 39	1 37	1 29	19 31	1 9	0 49	1 36	21 55	1 10	15 57	0 25	1 38	1 13	1 13	16 42	19 40	20 0	20 47	14 31	7 1			
S 10	6 31	15 51	1 45	17 56	2 45	1 7	1 29	19 23	1 11	0 52	1 36	21 56	1 9	15 57	0 25	1 37	1 13	1 14	16 42	19 39	19 59	20 48	14 31	7 1			
S 11	6 54	18 25	0 42	18 20	2 50	0 38	1 29	19 15	1 12	0 55	1 36	21 56	1 9	15 56	0 25	1 37	1 13	1 14	16 43	19 39	19 59	20 48	14 32	7 0			
M12	7 16	20 9	0n23	18 43	2 54	0 8	1 29	19 7	1 13	0 58	1 36	21 57	1 9	15 55	0 25	1 36	1 13	1 14	16 43	19 39	19 58	20 48	14 32	7 0			
T 13	7 39	21 0	1 26	19 4	2 59	0s21	1 29	18 59	1 14	1 1	1 36	21 57	1 9	15 55	0 25	1 35	1 13	1 15	16 43	19 39	19 57	20 48	14 32	6 59			
W14	8 1	20 55	2 26	19 24	3 3	0 51	1 29	18 51	1 15	1 3	1 36	21 58	1 9	15 54	0 25	1 34	1 13	1 15	16 43	19 39	19 57	20 49	14 33	6 59			
T 15	8 23	19 54	3 19	19 42	3 6	1 20	1 29	18 43	1 16	1 6	1 36	21 58	1 9	15 54	0 25	1 33	1 13	1 16	16 43	19 40	19 56	20 49	14 33	6 58			
F 16	8 45	17 59	4 5	19 58	3 9	1 50	1 29	18 35	1 17	1 9	1 35	21 58	1 8	15 53	0 25	1 32	1 13	1 16	16 43	19 40	19 55	20 49	14 34	6 58			
S 17	9 7	15 13	4 41	20 13	3 11	2 20	1 29	18 27	1 18	1 11	1 35	21 59	1 8	15 52	0 25	1 32	1 13	1 16	16 43	19 40	19 55	20 49	14 34	6 57			
S 18	9 29	11 42	5 4	20 25	3 13	2 49	1 29	18 18	1 19	1 14	1 35	21 59	1 8	15 52	0 25	1 31	1 13	1 17	16 43	19 39	19 54	20 49	14 34	6 56			
M19	9 51	7 32	5 13	20 36	3 14	3 19	1 29	18 10	1 20	1 16	1 35	22 0	1 8	15 51	0 25	1 30	1 13	1 17	16 43	19 39	19 53	20 50	14 34	6 56			
T 20	10 13	2 52	5 5	20 44	3 14	3 48	1 28	18 2	1 21	1 19	1 35	22 0	1 8	15 50	0 25	1 29	1 13	1 18	16 43	19 38	19 53	20 50	14 35	6 55			
W21	10 34	2n 6	4 40	20 49	3 13	4 17	1 28	17 53	1 23	1 21	1 35	22 1	1 8	15 49	0 25	1 29	1 13	1 18	16 43	19 37	19 52	20 50	14 35	6 55			
T 22	10 55	7 6	3 56	20 52	3 11	4 47	1 27	17 45	1 24	1 23	1 35	22 1	1 8	15 49	0 25	1 28	1 13	1 18	16 43	19 36	19 51	20 50	14 35	6 54			
F 23	11 16	11 49	2 56	20 52	3 7	5 16	1 27	17 36	1 25	1 26	1 34	22 2	1 7	15 48	0 25	1 27	1 13	1 19	16 43	19 35	19 50	20 50	14 35	6 54			
S 24	11 37	15 54	1 43	20 48	3 3	5 45	1 26	17 28	1 26	1 28	1 34	22 2	1 7	15 47	0 25	1 26	1 13	1 19	16 44	19 34	19 50	20 50	14 36	6 53			
S 25	11 58	18 57	0 23	20 41	2 57	6 14	1 25	17 19	1 27	1 30	1 34	22 3	1 7	15 47	0 25	1 26	1 13	1 19	16 44	19 34	19 49	20 51	14 36	6 53			
M26	12 19	20 41	0s59	20 31	2 50	6 43	1 25	17 11	1 28	1 32	1 34	22 3	1 7	15 46	0 25	1 25	1 13	1 20	16 44	19 34	19 48	20 51	14 36	6 52			
T 27	12 39	20 58	2 16	20 16	2 41	7 12	1 24	17 2	1 29	1 34	1 34	22 4	1 7	15 45	0 25	1 24	1 13	1 20	16 44	19 34	19 48	20 51	14 36	6 52			
W28	13 0	19 50	3 23	19 57	2 31	7 41	1 23	16 54	1 31	1 36	1 34	22 4	1 7	15 45	0 25	1 23	1 13	1 20	16 44	19 35	19 47	20 51	14 36	6 51			
T 29	13 20	17 28	4 16	19 34	2 18	8 9	1 22	16 45	1 32	1 38	1 33	22 5	1 7	15 44	0 25	1 23	1 13	1 21	16 44	19 35	19 46	20 51	14 37	6 51			
F 30	13 39	14 9	4 53	19 7	2 4	8 37	1 21	16 37	1 33	1 40	1 33	22 5	1 6	15 43	0 25	1 22	1 13	1 21	16 44	19 35	19 46	20 51	14 37	6 50			
S 31	13s59	10n 9	5s13	18s36	1s49	9s 5	1n20	16n28	1n34	1s41	1s33	22s 6	1n 6	15n42	0s25	1n21	1n13	1s21	16s44	19s35	19s45	20s51	14s37	6n50			

ASTRODIENST EPHEMERIS for the year 2105
geocentric

DECEMBER 2105

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 38 57	8♂73'22	7♂23	22♂14	5♂45	3♂38	28♂29	25♂31	13°R 1	0♂11	8°R36	27♂17	26♂34	12♂52	25♂25	T 1
W 2	4 42 54	9°38'09	19°39	23°42	7° 0	4° 1	28°30	25°38	12♂58	0°12	8♂35	27°18	26°30	12°59	25°29	W 2
T 3	4 46 51	10°38'57	1♂43	25°11	8°15	4°24	28°32	25°45	12°56	0°13	8°34	27°20	26°27	13° 6	25°33	T 3
F 4	4 50 47	11°39'47	13°39	26°41	9°31	4°46	28°34	25°51	12°54	0°14	8°33	27°21	26°24	13°12	25°37	F 4
S 5	4 54 44	12°40'38	25°29	28°12	10°46	5° 8	28°36	25°58	12°52	0°15	8°32	27°R21	26°21	13°19	25°42	S 5
S 6	4 58 40	13°41'31	7♂17	29°42	12° 2	5°30	28°39	26° 5	12°50	0°16	8°31	27°21	26°18	13°26	25°46	S 6
M 7	5 2 37	14°42'24	19° 5	1♂14	13°17	5°51	28°41	26°12	12°48	0°17	8°31	27°20	26°15	13°32	25°50	M 7
T 8	5 6 33	15°43'19	0♂54	2°45	14°33	6°12	28°44	26°19	12°46	0°17	8°30	27°17	26°11	13°39	25°55	T 8
W 9	5 10 30	16°44'14	12°46	4°17	15°48	6°33	28°47	26°26	12°44	0°18	8°29	27°14	26° 8	13°46	25°59	W 9
T 10	5 14 26	17°45'10	24°45	5°49	17° 4	6°53	28°50	26°33	12°42	0°19	8°28	27°11	26° 5	13°52	26° 4	T 10
F 11	5 18 23	18°46'08	6♂52	7°21	18°19	7°12	28°54	26°41	12°40	0°20	8°27	27° 7	26° 2	13°59	26° 9	F 11
S 12	5 22 20	19°47'05	19°10	8°54	19°35	7°32	28°57	26°48	12°39	0°21	8°26	27° 4	25°59	14° 6	26°13	S 12
S 13	5 26 16	20°48'04	1♂41	10°26	20°50	7°51	29° 1	26°55	12°37	0°21	8°26	27° 2	25°56	14°12	26°18	S 13
M14	5 30 13	21°49'03	14°30	11°59	22° 6	8° 9	29° 5	27° 2	12°35	0°22	8°25	27° 0	25°52	14°19	26°22	M14
T 15	5 34 9	22°50'02	27°39	13°32	23°21	8°27	29°10	27° 9	12°33	0°23	8°24	27°D 0	25°49	14°25	26°27	T 15
W16	5 38 6	23°51'02	11♂12	15° 4	24°37	8°45	29°14	27°16	12°32	0°23	8°23	27° 1	25°46	14°32	26°32	W16
T 17	5 42 2	24°52'03	25° 9	16°38	25°52	9° 2	29°18	27°23	12°30	0°24	8°22	27° 3	25°43	14°39	26°37	T 17
F 18	5 45 59	25°53'04	9♂32	18°11	27° 8	9°19	29°23	27°30	12°28	0°24	8°22	27° 4	25°40	14°45	26°42	F 18
S 19	5 49 55	26°54'06	24°18	19°44	28°23	9°35	29°28	27°37	12°27	0°25	8°21	27°R 5	25°36	14°52	26°46	S 19
S 20	5 53 52	27°55'08	9♂21	21°17	29°39	9°51	29°33	27°44	12°25	0°25	8°20	27° 5	25°33	14°59	26°51	S 20
M21	5 57 49	28°56'10	24°34	22°51	0♂54	10° 6	29°39	27°51	12°24	0°26	8°20	27° 3	25°30	15° 5	26°56	M21
T 22	6 1 45	29°57'13	9♂48	24°25	2°10	10°21	29°44	27°58	12°22	0°26	8°19	26°59	25°27	15°12	27° 1	T 22
W23	6 5 42	0♂58'17	24°51	25°58	3°25	10°35	29°50	28° 6	12°21	0°26	8°18	26°54	25°24	15°19	27° 6	W23
T 24	6 9 38	1°59'21	9♂35	27°33	4°41	10°48	29°56	28°13	12°19	0°27	8°18	26°48	25°21	15°25	27°11	T 24
F 25	6 13 35	3° 0'26	23°53	29° 7	5°56	11° 2	0♂Y 2	28°20	12°18	0°27	8°17	26°43	25°17	15°32	27°16	F 25
S 26	6 17 31	4° 1'32	7♂42	0♂41	7°12	11°14	0° 8	28°27	12°17	0°27	8°17	26°39	25°14	15°39	27°21	S 26
S 27	6 21 28	5° 2'38	21° 2	2°16	8°27	11°26	0°14	28°34	12°16	0°27	8°16	26°36	25°11	15°45	27°26	S 27
M28	6 25 25	6° 3'45	3♂55	3°51	9°43	11°38	0°21	28°41	12°14	0°28	8°16	26°D35	25° 8	15°52	27°31	M28
T 29	6 29 21	7° 4'53	16°26	5°26	10°58	11°49	0°27	28°48	12°13	0°28	8°15	26°36	25° 5	15°59	27°36	T 29
W30	6 33 18	8° 6'01	28°38	7° 1	12°14	11°59	0°34	28°55	12°12	0°28	8°15	26°37	25° 2	16° 5	27°42	W30
T 31	6 37 14	9♂ 7'09	10♂36	8♂37	13♂29	12♂ 9	0♂Y41	29♂ 2	12♂11	0♂28	8♂14	26♂39	24♂58	16♂12	27♂47	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s44	6s39	4s 3	16s51	1n31	20s52	0n24	12n17	2n16	1s54	1s25	22s18	1n 3	15n21	0s24	1n 4	1n14	1s28	16s40	19s32	19s22	20s53	14s33	6n36							
W 2	21 53	10 41	3 14	17 19	1 25	21 7	0 21	12 10	2 18	1 54	1 25	22 19	1 3	15 20	0 24	1 4	1 15	1 28	16 40	19 33	19 22	20 53	14 32	6 36							
T 3	22 2	14 13	2 18	17 48	1 18	21 21	0 19	12 3	2 20	1 53	1 25	22 19	1 3	15 19	0 24	1 3	1 15	1 29	16 40	19 33	19 21	20 53	14 32	6 36							
F 4	22 10	17 7	1 15	18 16	1 11	21 35	0 17	11 57	2 21	1 51	1 24	22 19	1 2	15 19	0 24	1 3	1 15	1 29	16 40	19 33	19 20	20 53	14 31	6 35							
S 5	22 18	19 17	0 10	18 43	1 3	21 49	0 14	11 50	2 23	1 50	1 24	22 19	1 2	15 18	0 24	1 3	1 15	1 29	16 40	19 33	19 19	20 53	14 31	6 35							
S 6	22 26	20 37	0n55	19 10	0 56	22 1	0 12	11 44	2 24	1 49	1 24	22 20	1 2	15 18	0 24	1 2	1 15	1 29	16 39	19 33	19 19	20 53	14 30	6 35							
M 7	22 33	21 1	1 57	19 36	0 49	22 13	0 9	11 37	2 26	1 48	1 23	22 20	1 2	15 17	0 24	1 2	1 15	1 29	16 39	19 33	19 18	20 53	14 30	6 34							
T 8	22 40	20 30	2 55	20 1	0 42	22 25	0 7	11 31	2 28	1 46	1 23	22 20	1 2	15 16	0 24	1 2	1 15	1 29	16 39	19 32	19 17	20 53	14 29	6 34							
W 9	22 46	19 4	3 45	20 25	0 34	22 35	0 5	11 25	2 29	1 45	1 23	22 21	1 2	15 16	0 24	1 1	1 15	1 29	16 39	19 32	19 16	20 53	14 29	6 34							
T 10	22 52	16 48	4 26	20 49	0 27	22 45	0 2	11 19	2 31	1 43	1 23	22 21	1 2	15 15	0 24	1 1	1 15	1 29	16 39	19 31	19 16	20 53	14 28	6 34							
F 11	22 57	13 46	4 56	21 12	0 20	22 55	0s 0	11 13	2 33	1 42	1 22	22 21	1 2	15 15	0 24	1 1	1 15	1 29	16 38	19 30	19 15	20 53	14 28	6 33							
S 12	23 2	10 7	5 12	21 33	0 13	23 3	0 3	11 8	2 34	1 40	1 22	22 21	1 2	15 14	0 24	1 1	1 15	1 29	16 38	19 29	19 14	20 53	14 27	6 33							
S 13	23 6	5 58	5 14	21 54	0 6	23 11	0 5	11 2	2 36	1 38	1 22	22 22	1 2	15 14	0 24	1 0	1 15	1 29	16 38	19 29	19 13	20 53	14 27	6 33							
M14	23 10	1 28	5 0	22 14	0s 1	23 19	0 7	10 57	2 38	1 37	1 22	22 22	1 2	15 13	0 24	1 0	1 15	1 29	16 38	19 29	19 13	20 53	14 26	6 32							
T 15	23 14	3n13	4 31	22 33	0 8	23 25	0 10	10 52	2 40	1 35	1 21	22 22	1 2	15 13	0 24	1 0	1 15	1 29	16 37	19 29	19 12	20 53	14 26	6 32							
W16	23 17	7 54	3 46	22 50	0 15	23 31	0 12	10 47	2 41	1 33	1 21	22 22	1 2	15 12	0 24	1 0	1 15	1 29	16 37	19 29	19 11	20 53	14 25	6 32							
T 17	23 19	12 19	2 47	23 7	0 22	23 36	0 14	10 42	2 43	1 31	1 21	22 22	1 1	15 12	0 24	1 0	1 15	1 29	16 37	19 29	19 10	20 53	14 24	6 32							
F 18	23 22	16 10	1 35	23 22	0 28	23 40	0 17	10 37	2 45	1 28	1 20	22 23	1 1	15 11	0 24	0 59	1 15	1 29	16 36	19 29	19 10	20 53	14 24	6 31							
S 19	23 23	19 5	0 15	23 36	0 35	23 44	0 19	10 33	2 47	1 26	1 20	22 23	1 1	15 11	0 24	0 59	1 15	1 29	16 36	19 30	19 9	20 53	14 23	6 31							
S 20	23 24	20 44	1s 7	23 50	0 41	23 47	0 21	10 28	2 49	1 24	1 20	22 23	1 1	15 10	0 24	0 59	1 15	1 29	16 36	19 30	19 8	20 52	14 22	6 31							
M21	23 25	20 54	2 25	24 1	0 48	23 49	0 24	10 24	2 50	1 22	1 20	22 23	1 1	15 10	0 24	0 59	1 15	1 29	16 36	19 29	19 7	20 52	14 22	6 31							
T 22	23 25	19 32	3 33	24 12	0 54	23 50	0 26	10 20	2 52	1 19	1 19	22 23	1 1	15 9	0 24	0 59	1 15	1 29	16 35	19 28	19 7	20 52	14 21	6 31							
W23	23 25	16 48	4 25	24 21	1 0	23 51	0 28	10 17	2 54	1 17	1 19	22 24	1 1	15 9	0 24	0 59	1 16	1 28	16 35	19 27	19 6	20 52	14 20	6 30							
T 24	23 25	13 3	4 58	24 29	1 5	23 51	0 31	10 13	2 56	1 14	1 19	22 24	1 1	15 9	0 24	0 59	1 16	1 28	16 35	19 26	19 5	20 52	14 19	6 30							
F 25	23 23	8 39	5 11	24 36	1 11	23 50	0 33	10 10	2 58	1 12	1 19	22 24	1 1	15 8	0 24	0 59	1 16	1 28	16 34	19 25	19 4	20 52	14 19	6 30							
S 26	23 22	3 56	5 6	24 42	1 16	23 49	0 35	10 7	3 0	1 9	1 18	22 24	1 1	15 8	0 24	0 59	1 16	1 28	16 34	19 24	19 4	20 52	14 18	6 30							
S 27	23 20	0s48	4 44	24 46	1 21	23 47	0 37	10 4	3 2	1 6	1 18	22 24	1 1	15 8	0 24	0 59	1 16	1 28	16 34	19 23	19 3	20 52	14 17	6 30							
M28	23 17	5 21	4 8	24 48	1 26	23 44	0 39	10 2	3 4	1 3	1 18	22 24	1 1	15 7	0 24	0 59	1 16	1 28	16 34	19 23	19 2	20 52	14 16	6 29							
T 29	23 14	9 33	3 22	24 50	1 31	23 40	0 42	9 59	3 6	1 0	1 18	22 24	1 1	15 7	0 24	0 59	1 16	1 28	16 33	19 23	19 1	20 51	14 16	6 29							
W30	23 11	13 16	2 27	24 50	1 36	23 35	0 44	9 57	3 8	0 57	1 17	22 24	1 1	15 7	0 24	0 59	1 16	1 28	16 33	19 23	19 1	20 51	14 15	6 29							
T 31	23s 7	16s22	1s26	24s48	1s40	23s30	0s46	9n55	3n10	0s54	1s17	22s25	1n 1	15n 6	0s24	0n59	1n16	1s27	16s33	19s24	19s 0	20s51	14s14	6n29							

Julian Day Number = 2490229.5, Delta T = 95.99 sec
Ecliptic obliquity = 23°25'26", Nutation = 0°00'14", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°13'12", Lahiri = 25°20'13"