



# Astrodienst Ephemeris Tables for the year 1957

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 1957

## geocentric

JANUARY 1957

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 31	10 <sup>3</sup> 19'10	9 <sup>3</sup> 18	27 <sup>3</sup> 24	15 <sup>3</sup> 12	13 <sup>3</sup> 41	1 <sup>3</sup> 26	9 <sup>3</sup> 18	5 <sup>3</sup> R57	2 <sup>3</sup> M18	0 <sup>3</sup> R14	28 <sup>3</sup> R27	26 <sup>3</sup> M43	13 <sup>3</sup> 39	9 <sup>3</sup> 35	T 1	
W 2	6 45 28	11 <sup>3</sup> 20'21	21 <sup>3</sup> 20	27 <sup>3</sup> R25	16 <sup>3</sup> 27	14 <sup>3</sup> 15	1 <sup>3</sup> 28	9 <sup>3</sup> 25	5 <sup>3</sup> Ω55	2 <sup>3</sup> 19	0 <sup>3</sup> η13	28 <sup>3</sup> M19	26 <sup>3</sup> 40	13 <sup>3</sup> 46	9 <sup>3</sup> 39	W 2	
T 3	6 49 24	12 <sup>3</sup> 21'31	3 <sup>3</sup> 16	27 <sup>3</sup> 14	17 <sup>3</sup> 42	14 <sup>3</sup> 50	1 <sup>3</sup> 31	9 <sup>3</sup> 31	5 <sup>3</sup> 53	2 <sup>3</sup> 20	0 <sup>3</sup> 13	28 <sup>3</sup> 11	26 <sup>3</sup> 37	13 <sup>3</sup> 53	9 <sup>3</sup> 43	T 3	
F 4	6 53 21	13 <sup>3</sup> 22'42	15 <sup>3</sup> 9	26 <sup>3</sup> 51	18 <sup>3</sup> 57	15 <sup>3</sup> 24	1 <sup>3</sup> 33	9 <sup>3</sup> 37	5 <sup>3</sup> 50	2 <sup>3</sup> 21	0 <sup>3</sup> 12	28 <sup>3</sup> 1	26 <sup>3</sup> 33	14 <sup>3</sup> 0	9 <sup>3</sup> 48	F 4	
S 5	6 57 17	14 <sup>3</sup> 23'52	27 <sup>3</sup> 0	26 <sup>3</sup> 16	20 <sup>3</sup> 12	15 <sup>3</sup> 59	1 <sup>3</sup> 36	9 <sup>3</sup> 44	5 <sup>3</sup> 48	2 <sup>3</sup> 22	0 <sup>3</sup> 11	27 <sup>3</sup> 52	26 <sup>3</sup> 30	14 <sup>3</sup> 6	9 <sup>3</sup> 52	S 5	
S 6	7 1 14	15 <sup>3</sup> 25'03	8 <sup>3</sup> 52	25 <sup>3</sup> 31	21 <sup>3</sup> 27	16 <sup>3</sup> 33	1 <sup>3</sup> 38	9 <sup>3</sup> 50	5 <sup>3</sup> 46	2 <sup>3</sup> 23	0 <sup>3</sup> 10	27 <sup>3</sup> 45	26 <sup>3</sup> 27	14 <sup>3</sup> 13	9 <sup>3</sup> 57	S 6	
M 7	7 5 11	16 <sup>3</sup> 26'12	20 <sup>3</sup> 47	24 <sup>3</sup> 34	22 <sup>3</sup> 42	17 <sup>3</sup> 8	1 <sup>3</sup> 40	9 <sup>3</sup> 56	5 <sup>3</sup> 43	2 <sup>3</sup> 24	0 <sup>3</sup> 9	27 <sup>3</sup> 39	26 <sup>3</sup> 24	14 <sup>3</sup> 20	10 <sup>3</sup> 1	M 7	
T 8	7 9 7	17 <sup>3</sup> 27'22	2 <sup>3</sup> 50	23 <sup>3</sup> 29	23 <sup>3</sup> 57	17 <sup>3</sup> 43	1 <sup>3</sup> 41	10 <sup>3</sup> 2	5 <sup>3</sup> 41	2 <sup>3</sup> 25	0 <sup>3</sup> 8	27 <sup>3</sup> 36	26 <sup>3</sup> 21	14 <sup>3</sup> 26	10 <sup>3</sup> 5	T 8	
W 9	7 13 4	18 <sup>3</sup> 28'31	15 <sup>3</sup> 6	22 <sup>3</sup> 16	25 <sup>3</sup> 12	18 <sup>3</sup> 18	1 <sup>3</sup> 43	10 <sup>3</sup> 8	5 <sup>3</sup> 38	2 <sup>3</sup> 26	0 <sup>3</sup> 7	27 <sup>3</sup> D34	26 <sup>3</sup> 17	14 <sup>3</sup> 33	10 <sup>3</sup> 10	W 9	
T 10	7 17 0	19 <sup>3</sup> 29'39	27 <sup>3</sup> 38	20 <sup>3</sup> 59	26 <sup>3</sup> 26	18 <sup>3</sup> 53	1 <sup>3</sup> 44	10 <sup>3</sup> 14	5 <sup>3</sup> 36	2 <sup>3</sup> 26	0 <sup>3</sup> 6	27 <sup>3</sup> 35	26 <sup>3</sup> 14	14 <sup>3</sup> 40	10 <sup>3</sup> 14	T 10	
F 11	7 20 57	20 <sup>3</sup> 30'47	10 <sup>3</sup> 33	19 <sup>3</sup> 39	27 <sup>3</sup> 41	19 <sup>3</sup> 28	1 <sup>3</sup> 45	10 <sup>3</sup> 20	5 <sup>3</sup> 33	2 <sup>3</sup> 27	0 <sup>3</sup> 5	27 <sup>3</sup> 36	26 <sup>3</sup> 11	14 <sup>3</sup> 47	10 <sup>3</sup> 19	F 11	
S 12	7 24 53	21 <sup>3</sup> 31'55	23 <sup>3</sup> 53	18 <sup>3</sup> 20	28 <sup>3</sup> 56	20 <sup>3</sup> 4	1 <sup>3</sup> 46	10 <sup>3</sup> 26	5 <sup>3</sup> 31	2 <sup>3</sup> 28	0 <sup>3</sup> 4	27 <sup>3</sup> R37	26 <sup>3</sup> 8	14 <sup>3</sup> 53	10 <sup>3</sup> 23	S 12	
S 13	7 28 50	22 <sup>3</sup> 33'01	7 <sup>3</sup> 11	17 <sup>3</sup> 3	0 <sup>3</sup> 31	20 <sup>3</sup> 39	1 <sup>3</sup> 47	10 <sup>3</sup> 32	5 <sup>3</sup> 28	2 <sup>3</sup> 29	0 <sup>3</sup> 2	27 <sup>3</sup> 36	26 <sup>3</sup> 5	15 <sup>3</sup> 0	10 <sup>3</sup> 28	S 13	
M14	7 32 46	23 <sup>3</sup> 34'08	22 <sup>3</sup> 0	15 <sup>3</sup> 51	1 <sup>3</sup> 26	21 <sup>3</sup> 14	1 <sup>3</sup> 47	10 <sup>3</sup> 38	5 <sup>3</sup> 26	2 <sup>3</sup> 29	0 <sup>3</sup> 1	27 <sup>3</sup> 34	26 <sup>3</sup> 2	15 <sup>3</sup> 7	10 <sup>3</sup> 32	M14	
T 15	7 36 43	24 <sup>3</sup> 35'13	6 <sup>3</sup> 45	14 <sup>3</sup> 45	2 <sup>3</sup> 41	21 <sup>3</sup> 50	1 <sup>3</sup> 48	10 <sup>3</sup> 44	5 <sup>3</sup> 23	2 <sup>3</sup> 30	0 <sup>3</sup> 0	27 <sup>3</sup> 29	25 <sup>3</sup> 58	15 <sup>3</sup> 14	10 <sup>3</sup> 37	T 15	
W16	7 40 40	25 <sup>3</sup> 36'19	21 <sup>3</sup> 50	13 <sup>3</sup> 48	3 <sup>3</sup> 56	22 <sup>3</sup> 26	1 <sup>3</sup> R48	10 <sup>3</sup> 50	5 <sup>3</sup> 21	2 <sup>3</sup> 31	29 <sup>3</sup> Ω59	27 <sup>3</sup> 21	25 <sup>3</sup> 55	15 <sup>3</sup> 20	10 <sup>3</sup> 42	W16	
T 17	7 44 36	26 <sup>3</sup> 37'23	7 <sup>3</sup> Ω 7	12 <sup>3</sup> 59	5 <sup>3</sup> 11	23 <sup>3</sup> 1	1 <sup>3</sup> 48	10 <sup>3</sup> 55	5 <sup>3</sup> 18	2 <sup>3</sup> 31	29 <sup>3</sup> 58	27 <sup>3</sup> 12	25 <sup>3</sup> 52	15 <sup>3</sup> 27	10 <sup>3</sup> 46	T 17	
F 18	7 48 33	27 <sup>3</sup> 38'27	22 <sup>3</sup> 23	12 <sup>3</sup> 20	6 <sup>3</sup> 26	23 <sup>3</sup> 37	1 <sup>3</sup> 48	11 <sup>3</sup> 1	5 <sup>3</sup> 15	2 <sup>3</sup> 32	29 <sup>3</sup> 57	27 <sup>3</sup> 3	25 <sup>3</sup> 49	15 <sup>3</sup> 34	10 <sup>3</sup> 51	F 18	
S 19	7 52 29	28 <sup>3</sup> 39'30	7 <sup>3</sup> η29	11 <sup>3</sup> 50	7 <sup>3</sup> 41	24 <sup>3</sup> 13	1 <sup>3</sup> 47	11 <sup>3</sup> 7	5 <sup>3</sup> 13	2 <sup>3</sup> 32	29 <sup>3</sup> 55	26 <sup>3</sup> 54	25 <sup>3</sup> 46	15 <sup>3</sup> 40	10 <sup>3</sup> 56	S 19	
S 20	7 56 26	29 <sup>3</sup> 40'34	22 <sup>3</sup> 14	11 <sup>3</sup> 30	8 <sup>3</sup> 56	24 <sup>3</sup> 49	1 <sup>3</sup> 47	11 <sup>3</sup> 12	5 <sup>3</sup> 10	2 <sup>3</sup> 33	29 <sup>3</sup> 54	26 <sup>3</sup> 47	25 <sup>3</sup> 43	15 <sup>3</sup> 47	11 <sup>3</sup> 0	S 20	
M21	8 0 22	0 <sup>3</sup> 41'36	6 <sup>3</sup> Δ34	11 <sup>3</sup> 18	10 <sup>3</sup> 11	25 <sup>3</sup> 25	1 <sup>3</sup> 46	11 <sup>3</sup> 17	5 <sup>3</sup> 8	2 <sup>3</sup> 33	29 <sup>3</sup> 53	26 <sup>3</sup> 42	25 <sup>3</sup> 39	15 <sup>3</sup> 54	11 <sup>3</sup> 5	M21	
T 22	8 4 19	1 <sup>3</sup> 42'39	20 <sup>3</sup> 26	11 <sup>3</sup> D16	11 <sup>3</sup> 26	26 <sup>3</sup> 1	1 <sup>3</sup> 45	11 <sup>3</sup> 23	5 <sup>3</sup> 5	2 <sup>3</sup> 34	29 <sup>3</sup> 52	26 <sup>3</sup> 39	25 <sup>3</sup> 36	16 <sup>3</sup> 1	11 <sup>3</sup> 9	T 22	
W23	8 8 15	2 <sup>3</sup> 43'40	3 <sup>3</sup> η51	11 <sup>3</sup> 21	12 <sup>3</sup> 41	26 <sup>3</sup> 37	1 <sup>3</sup> 44	11 <sup>3</sup> 28	5 <sup>3</sup> 2	2 <sup>3</sup> 34	29 <sup>3</sup> 50	26 <sup>3</sup> D39	25 <sup>3</sup> 33	16 <sup>3</sup> 7	11 <sup>3</sup> 14	W23	
T 24	8 12 12	3 <sup>3</sup> 44'42	16 <sup>3</sup> 52	11 <sup>3</sup> 34	13 <sup>3</sup> 56	27 <sup>3</sup> 13	1 <sup>3</sup> 42	11 <sup>3</sup> 33	5 <sup>3</sup> 0	2 <sup>3</sup> 34	29 <sup>3</sup> 49	26 <sup>3</sup> 39	25 <sup>3</sup> 30	16 <sup>3</sup> 14	11 <sup>3</sup> 19	T 24	
F 25	8 16 9	4 <sup>3</sup> 45'43	29 <sup>3</sup> 33	11 <sup>3</sup> 53	15 <sup>3</sup> 11	27 <sup>3</sup> 49	1 <sup>3</sup> 41	11 <sup>3</sup> 39	4 <sup>3</sup> 57	2 <sup>3</sup> 35	29 <sup>3</sup> 48	26 <sup>3</sup> R39	25 <sup>3</sup> 27	16 <sup>3</sup> 21	11 <sup>3</sup> 23	F 25	
S 26	8 20 5	5 <sup>3</sup> 46'43	11 <sup>3</sup> Δ58	12 <sup>3</sup> 19	16 <sup>3</sup> 26	28 <sup>3</sup> 26	1 <sup>3</sup> 39	11 <sup>3</sup> 44	4 <sup>3</sup> 55	2 <sup>3</sup> 35	29 <sup>3</sup> 46	26 <sup>3</sup> 38	25 <sup>3</sup> 23	16 <sup>3</sup> 27	11 <sup>3</sup> 28	S 26	
S 27	8 24 2	6 <sup>3</sup> 47'43	24 <sup>3</sup> 11	12 <sup>3</sup> 51	17 <sup>3</sup> 41	29 <sup>3</sup> 2	1 <sup>3</sup> 37	11 <sup>3</sup> 49	4 <sup>3</sup> 52	2 <sup>3</sup> 35	29 <sup>3</sup> 45	26 <sup>3</sup> 35	25 <sup>3</sup> 20	16 <sup>3</sup> 34	11 <sup>3</sup> 33	S 27	
M28	8 27 58	7 <sup>3</sup> 48'43	6 <sup>3</sup> 315	13 <sup>3</sup> 28	18 <sup>3</sup> 56	29 <sup>3</sup> 38	1 <sup>3</sup> 35	11 <sup>3</sup> 54	4 <sup>3</sup> 49	2 <sup>3</sup> 35	29 <sup>3</sup> 44	26 <sup>3</sup> 28	25 <sup>3</sup> 17	16 <sup>3</sup> 41	11 <sup>3</sup> 38	M28	
T 29	8 31 55	8 <sup>3</sup> 49'41	18 <sup>3</sup> 14	14 <sup>3</sup> 10	20 <sup>3</sup> 11	0 <sup>3</sup> 15	1 <sup>3</sup> 33	11 <sup>3</sup> 59	4 <sup>3</sup> 47	2 <sup>3</sup> 36	29 <sup>3</sup> 42	26 <sup>3</sup> 19	25 <sup>3</sup> 14	16 <sup>3</sup> 48	11 <sup>3</sup> 42	T 29	
W30	8 35 51	9 <sup>3</sup> 50'38	0 <sup>3</sup> Δ 9	14 <sup>3</sup> 56	21 <sup>3</sup> 26	0 <sup>3</sup> 51	1 <sup>3</sup> 30	12 <sup>3</sup> 4	4 <sup>3</sup> 44	2 <sup>3</sup> 36	29 <sup>3</sup> 41	26 <sup>3</sup> 7	25 <sup>3</sup> 11	16 <sup>3</sup> 54	11 <sup>3</sup> 47	W30	
T 31	8 39 48	10 <sup>3</sup> 51'35	12 <sup>3</sup> Δ 2	15 <sup>3</sup> 346	22 <sup>3</sup> 342	1 <sup>3</sup> 828	1 <sup>3</sup> Δ28	12 <sup>3</sup> Δ 8	4 <sup>3</sup> Ω41	2 <sup>3</sup> η36	29 <sup>3</sup> Ω39	25 <sup>3</sup> η53	25 <sup>3</sup> η 8	17 <sup>3</sup> Δ 1	11 <sup>3</sup> Δ52	T 31	

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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# ASTRODIENST EPHEMERIS for the year 1957

## geocentric

FEBRUARY 1957

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 43 44	11 <sup>52</sup> 30	23 <sup>54</sup>	16 <sup>39</sup>	23 <sup>57</sup>	2 <sup>8</sup> 4	1°R25	12 <sup>13</sup>	4°R39	2 <sup>36</sup>	29°R38	25°R38	25 <sup>4</sup>	17 <sup>8</sup>	11 <sup>56</sup>	F 1
S 2	8 47 41	12°53'25	5 <sup>46</sup>	17°36	25°12	2°41	1 <sup>22</sup>	12°18	4°36	2°36	29°37	25 <sup>24</sup>	25° 1	17°15	12° 1	S 2
S 3	8 51 38	13°54'18	17°41	18°36	26°27	3°18	1°18	12°22	4°34	2°R36	29°35	25°11	24°58	17°21	12° 6	S 3
M 4	8 55 34	14°55'09	29°39	19°38	27°42	3°55	1°15	12°27	4°31	2°36	29°34	25° 1	24°55	17°28	12°10	M 4
T 5	8 59 31	15°56'00	11 <sup>44</sup>	20°43	28°57	4°31	1°11	12°31	4°29	2°36	29°32	24°54	24°52	17°35	12°15	T 5
W 6	9 3 27	16°56'49	23°59	21°50	0 <sup>12</sup>	5° 8	1° 8	12°36	4°26	2°36	29°31	24°50	24°48	17°41	12°20	W 6
T 7	9 7 24	17°57'37	6 <sup>29</sup>	22°59	1°27	5°45	1° 4	12°40	4°23	2°36	29°29	24°48	24°45	17°48	12°25	T 7
F 8	9 11 20	18°58'23	19°17	24°11	2°42	6°22	1° 0	12°44	4°21	2°35	29°28	24°47	24°42	17°55	12°29	F 8
S 9	9 15 17	19°59'07	2 <sup>28</sup>	25°24	3°57	6°59	0°55	12°48	4°18	2°35	29°26	24°47	24°39	18° 2	12°34	S 9
S 10	9 19 13	20°59'50	16° 6	26°38	5°12	7°36	0°51	12°52	4°16	2°35	29°25	24°46	24°36	18° 8	12°39	S 10
M 11	9 23 10	22° 0'32	0 <sup>13</sup>	27°55	6°27	8°13	0°46	12°56	4°13	2°35	29°23	24°43	24°33	18°15	12°43	M 11
T 12	9 27 7	23° 1'12	14°48	29°12	7°42	8°50	0°41	13° 0	4°11	2°35	29°22	24°37	24°29	18°22	12°48	T 12
W 13	9 31 3	24° 1'50	29°48	0 <sup>32</sup>	8°57	9°27	0°37	13° 4	4° 9	2°34	29°20	24°28	24°26	18°28	12°52	W 13
T 14	9 35 0	25° 2'26	15 <sup>12</sup>	1°52	10°12	10° 5	0°31	13° 7	4° 6	2°34	29°19	24°18	24°23	18°35	12°57	T 14
F 15	9 38 56	26° 3'02	0 <sup>28</sup>	3°14	11°27	10°42	0°26	13°11	4° 4	2°33	29°17	24° 6	24°20	18°42	13° 2	F 15
S 16	9 42 53	27° 3'35	15°44	4°37	12°42	11°19	0°21	13°14	4° 1	2°33	29°16	23°55	24°17	18°49	13° 6	S 16
S 17	9 46 49	28° 4'07	0 <sup>43</sup>	6° 1	13°56	11°56	0°15	13°18	3°59	2°33	29°14	23°45	24°14	18°55	13°11	S 17
M 18	9 50 46	29° 4'38	15°18	7°26	15°11	12°33	0°10	13°21	3°57	2°32	29°13	23°39	24°10	19° 2	13°15	M 18
T 19	9 54 42	0 <sup>48</sup>	5'08	29°22	8°53	16°26	13°11	0° 4	13°25	3°55	2°32	29°11	23°35	24° 7	19° 9	T 19
W 20	9 58 39	1° 5'36	12 <sup>57</sup>	10°20	17°41	13°48	29 <sup>58</sup>	13°28	3°52	2°31	29°10	23°33	24° 4	19°16	13°25	W 20
T 21	10 2 36	2° 6'03	26° 3	11°49	18°56	14°25	29°52	13°31	3°50	2°30	29° 8	23°33	24° 1	19°22	13°29	T 21
F 22	10 6 32	3° 6'29	8 <sup>46</sup>	13°18	20°11	15° 3	29°46	13°34	3°48	2°30	29° 7	23°33	23°58	19°29	13°34	F 22
S 23	10 10 29	4° 6'53	21° 9	14°49	21°26	15°40	29°39	13°37	3°46	2°29	29° 5	23°32	23°54	19°36	13°38	S 23
S 24	10 14 25	5° 7'16	3 <sup>18</sup>	16°21	22°41	16°17	29°33	13°39	3°44	2°28	29° 4	23°28	23°51	19°42	13°42	S 24
M 25	10 18 22	6° 7'38	15°17	17°54	23°56	16°55	29°26	13°42	3°41	2°28	29° 2	23°23	23°48	19°49	13°47	M 25
T 26	10 22 18	7° 7'58	27°11	19°27	25°11	17°32	29°20	13°45	3°39	2°27	29° 1	23°14	23°45	19°56	13°51	T 26
W 27	10 26 15	8° 8'16	9 <sup>2</sup>	21° 2	26°26	18°10	29°13	13°47	3°37	2°26	28°59	23° 2	23°42	20° 3	13°56	W 27
T 28	10 30 11	9 <sup>48</sup>	8'33	20 <sup>53</sup>	22 <sup>38</sup>	27 <sup>41</sup>	18 <sup>47</sup>	29 <sup>6</sup>	13 <sup>50</sup>	3 <sup>35</sup>	2 <sup>25</sup>	28 <sup>58</sup>	22 <sup>49</sup>	23 <sup>39</sup>	20 <sup>9</sup>	T 28

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	
F 1	17s14	8s50	5n 0	21s17	1n 8	21s40	0s21	12n57	0n48	0n45	1n26	20s34	1n43	19n43	0n38	F 1
S 2	16 57	4 49	4 55	21 20	0 58	21 29	0 23	13 10	0 49	0 47	1 26	20 35	1 43	19 44	0 38	S 2
S 3	16 39	0 36	4 38	21 22	0 47	21 17	0 26	13 23	0 49	0 48	1 27	20 35	1 43	19 45	0 38	S 3
M 4	16 22	3n39	4 8	21 23	0 37	21 5	0 28	13 37	0 50	0 50	1 27	20 36	1 43	19 45	0 38	M 4
T 5	16 4	7 48	3 26	21 24	0 28	20 52	0 30	13 50	0 51	0 52	1 27	20 36	1 43	19 46	0 38	T 5
W 6	15 46	11 43	2 35	21 23	0 18	20 39	0 33	14 3	0 52	0 53	1 27	20 36	1 43	19 46	0 38	W 6
T 7	15 27	15 11	1 35	21 21	0 9	20 25	0 35	14 16	0 52	0 55	1 28	20 37	1 43	19 47	0 38	T 7
F 8	15 8	18 1	0 29	21 17	0s 1	20 10	0 37	14 29	0 53	0 57	1 28	20 37	1 43	19 48	0 38	F 8
S 9	14 49	20 0	0s40	21 13	0 9	19 55	0 40	14 42	0 54	0 59	1 28	20 38	1 43	19 48	0 38	S 9
S 10	14 30	20 54	1 50	21 8	0 18	19 39	0 42	14 54	0 54	1 1	1 28	20 38	1 43	19 49	0 38	S 10
M 11	14 11	20 31	2 55	21 1	0 26	19 22	0 44	15 7	0 55	1 3	1 29	20 39	1 44	19 49	0 38	M 11
T 12	13 51	18 47	3 51	20 53	0 34	19 5	0 46	15 19	0 55	1 5	1 29	20 39	1 44	19 50	0 38	T 12
W 13	13 31	15 45	4 33	20 44	0 42	18 48	0 48	15 32	0 56	1 7	1 29	20 39	1 44	19 51	0 38	W 13
T 14	13 11	11 35	4 56	20 33	0 50	18 30	0 50	15 44	0 57	1 9	1 29	20 40	1 44	19 51	0 38	T 14
F 15	12 50	6 39	4 58	20 22	0 57	18 11	0 52	15 56	0 57	1 12	1 29	20 40	1 44	19 52	0 38	F 15
S 16	12 30	1 20	4 39	20 9	1 4	17 52	0 54	16 9	0 58	1 14	1 30	20 40	1 44	19 52	0 38	S 16
S 17	12 9	3s58	4 0	19 55	1 10	17 32	0 56	16 21	0 58	1 16	1 30	20 41	1 44	19 53	0 38	S 17
M 18	11 48	8 54	3 7	19 39	1 17	17 12	0 58	16 33	0 59	1 19	1 30	20 41	1 44	19 53	0 38	M 18
T 19	11 27	13 11	2 4	19 22	1 23	16 51	1 0	16 45	0 59	1 21	1 30	20 41	1 44	19 54	0 38	T 19
W 20	11 5	16 37	0 56	19 4	1 28	16 30	1 1	16 56	1 0	1 24	1 30	20 41	1 45	19 54	0 38	W 20
T 21	10 44	19 3	0n13	18 45	1 34	16 9	1 3	17 8	1 1	1 26	1 31	20 42	1 45	19 55	0 38	T 21
F 22	10 22	20 27	1 20	18 24	1 39	15 47	1 5	17 19	1 1	1 29	1 31	20 42	1 45	19 55	0 38	F 22
S 23	10 0	20 49	2 20	18 2	1 43	15 24	1 6	17 31	1 2	1 32	1 31	20 42	1 45	19 56	0 38	S 23
S 24	9 38	20 11	3 14	17 39	1 48	15 1	1 8	17 42	1 2	1 34	1 31	20 42	1 45	19 56	0 38	S 24
M 25	9 16	18 38	3 57	17 15	1 52	14 38	1 9	17 53	1 3	1 37	1 31	20 43	1 45	19 57	0 38	M 25
T 26	8 54	16 18	4 31	16 49	1 55	14 14	1 11	18 4	1 3	1 40	1 31	20 43	1 45	19 57	0 38	T 26
W 27	8 31	13 18	4 52	16 22	1 59	13 50	1 12	18 15	1 3	1 43	1 32	20 43	1 45	19 58	0 38	W 27
T 28	8s 9	9s47	5n 0	15s53	2s 2	13s26	1s13	18n26	1n 4	1n46	1n32	20s43	1n45	19n58	0n38	T 28

Julian Day Number = 2435870.5, Delta T = 31.72 sec

Ecliptic obliquity = 23°26'36, Nutation = 0°00'16, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°08'27, Lahiri = 23°15'28

# ASTRODIENST EPHEMERIS for the year 1957

## geocentric

MARCH 1957

00:00 UT

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

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7s46	5s53	4n56	15s23	2s 4	13s 1	1s15	18n37	1n 4	1n49	1n32	20s43	1n46	19n59	0n38	F 1
S 2	7 23	1 44	4 38	14 52	2 6	12 36	1 16	18 48	1 5	1 51	1 32	20 43	1 46	19 59	0 38	S 2
S 3	7 0	2n30	4 8	14 20	2 8	12 10	1 17	18 58	1 5	1 54	1 32	20 44	1 46	20 0	0 38	S 3
M 4	6 37	6 40	3 27	13 46	2 9	11 44	1 18	19 8	1 6	1 57	1 32	20 44	1 46	20 0	0 38	M 4
T 5	6 14	10 37	2 35	13 11	2 10	11 18	1 19	19 19	1 6	2 0	1 32	20 44	1 46	20 0	0 38	T 5
W 6	5 51	14 10	1 36	12 35	2 11	10 51	1 20	19 29	1 6	2 4	1 33	20 44	1 46	20 1	0 38	W 6
T 7	5 28	17 8	0 30	11 58	2 11	10 25	1 21	19 39	1 7	2 7	1 33	20 44	1 46	20 1	0 38	T 7
F 8	5 4	19 18	0s38	11 19	2 10	9 58	1 22	19 48	1 7	2 10	1 33	20 44	1 46	20 2	0 38	F 8
S 9	4 41	20 29	1 46	10 39	2 9	9 30	1 22	19 58	1 7	2 13	1 33	20 44	1 47	20 2	0 38	S 9
S 10	4 17	20 32	2 50	9 58	2 8	9 3	1 23	20 8	1 8	2 16	1 33	20 44	1 47	20 2	0 38	S 10
M 11	3 54	19 21	3 46	9 15	2 6	8 35	1 24	20 17	1 8	2 19	1 33	20 44	1 47	20 3	0 38	M 11
T 12	3 30	16 55	4 29	8 31	2 4	8 7	1 24	20 26	1 8	2 22	1 33	20 44	1 47	20 3	0 38	T 12
W 13	3 7	13 22	4 57	7 46	2 1	7 39	1 25	20 35	1 9	2 25	1 33	20 44	1 47	20 3	0 38	W 13
T 14	2 43	8 54	5 4	7 0	1 58	7 10	1 25	20 44	1 9	2 28	1 33	20 44	1 47	20 4	0 38	T 14
F 15	2 20	3 50	4 51	6 13	1 54	6 41	1 26	20 53	1 9	2 31	1 33	20 44	1 47	20 4	0 38	F 15
S 16	1 56	1s27	4 17	5 24	1 50	6 13	1 26	21 2	1 10	2 35	1 33	20 44	1 47	20 4	0 38	S 16
S 17	1 32	6 36	3 26	4 34	1 45	5 44	1 26	21 10	1 10	2 38	1 33	20 44	1 48	20 4	0 38	S 17
M 18	1 8	11 15	2 22	3 44	1 40	5 14	1 26	21 19	1 10	2 41	1 33	20 44	1 48	20 5	0 38	M 18
T 19	0 45	15 8	1 11	2 52	1 34	4 45	1 27	21 27	1 11	2 44	1 33	20 44	1 48	20 5	0 38	T 19
W 20	0 21	18 2	0n 2	1 59	1 27	4 16	1 27	21 35	1 11	2 47	1 33	20 44	1 48	20 5	0 38	W 20
T 21	0n 3	19 51	1 12	1 5	1 20	3 46	1 27	21 43	1 11	2 50	1 33	20 44	1 48	20 5	0 38	T 21
F 22	0 26	20 33	2 17	0 11	1 13	3 17	1 27	21 51	1 11	2 53	1 33	20 44	1 48	20 6	0 38	F 22
S 23	0 50	20 13	3 13	0n44	1 5	2 47	1 26	21 58	1 12	2 56	1 34	20 44	1 48	20 6	0 38	S 23
S 24	1 14	18 56	4 0	1 40	0 56	2 17	1 26	22 6	1 12	2 59	1 33	20 44	1 48	20 6	0 38	S 24
M 25	1 37	16 49	4 35	2 36	0 47	1 47	1 26	22 13	1 12	3 2	1 33	20 43	1 49	20 6	0 38	M 25
T 26	2 1	14 1	4 58	3 33	0 38	1 17	1 26	22 20	1 12	3 5	1 33	20 43	1 49	20 6	0 37	T 26
W 27	2 24	10 40	5 8	4 30	0 28	0 47	1 25	22 27	1 13	3 8	1 33	20 43	1 49	20 7	0 37	W 27
T 28	2 48	6 53	5 4	5 27	0 17	0 17	1 25	22 34	1 13	3 11	1 33	20 43	1 49	20 7	0 37	T 28
F 29	3 11	2 50	4 48	6 24	0 6	0n13	1 24	22 41	1 13	3 14	1 33	20 43	1 49	20 7	0 37	F 29
S 30	3 35	1n22	4 19	7 20	0n 5	0 43	1 24	22 47	1 13	3 17	1 33	20 43	1 49	20 7	0 37	S 30
S 31	3n58	5n34	3n37	8n16	0n16	1n13	1s23	22n54	1n14	3n20	1n33	20s42	1n49	20n 7	0n37	S 31

Julian Day Number = 2435898.5, Delta T = 31.75 sec  
 Ecliptic obliquity = 23°26'37, Nutation = 0°00'15, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°08'31, Lahiri = 23°15'32

ASTRODIENST EPHEMERIS for the year 1957  
geocentric

APRIL 1957

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	12 36 21	11°09'	17°57'	22°30'	7°31'	8°52'	25°R 5	14°R15	2°R54	1°R47	28°R16	20°R 6	21°M57	23°44'	16°22'	M 1
T 2	12 40 18	11°59'22	08°26'	24°27'	8°46'	9°29'	24°M57	14°M14	2°M54	1°M46	28°M15	20°M 2	21°54'	23°51'	16°5'	T 2
W 3	12 44 14	12°58'32	13°5'	26°21'	10°0'	10°7'	24°50'	14°14'	2°53'	1°44'	28°14'	20°0'	21°51'	23°58'	16°8'	W 3
T 4	12 48 11	13°57'40	25°56'	28°13'	11°14'	10°45'	24°43'	14°12'	2°53'	1°42'	28°13'	20°D 0	21°47'	24°5'	16°11'	T 4
F 5	12 52 7	14°56'46	9°11'	08°2'	12°29'	11°23'	24°36'	14°11'	2°53'	1°41'	28°12'	20°1'	21°44'	24°11'	16°14'	F 5
S 6	12 56 4	15°55'50	22°20'	1°47'	13°43'	12°0'	24°29'	14°10'	2°52'	1°39'	28°12'	20°3'	21°41'	24°18'	16°17'	S 6
S 7	13 0 0	16°54'51	5°54'	3°29'	14°58'	12°38'	24°23'	14°9'	2°52'	1°38'	28°11'	20°4'	21°38'	24°25'	16°20'	S 7
M 8	13 3 57	17°53'50	19°46'	5°7'	16°12'	13°16'	24°16'	14°7'	2°52'	1°36'	28°10'	20°R 5	21°35'	24°32'	16°23'	M 8
T 9	13 7 53	18°52'47	3°55'	6°41'	17°27'	13°54'	24°9'	14°6'	2°52'	1°35'	28°9'	20°4'	21°31'	24°38'	16°25'	T 9
W10	13 11 50	19°51'41	18°19'	8°10'	18°41'	14°31'	24°3'	14°4'	2°D52	1°33'	28°8'	20°2'	21°28'	24°45'	16°28'	W10
T 11	13 15 47	20°50'33	2°M55	9°34'	19°55'	15°9'	23°57'	14°3'	2°52'	1°31'	28°7'	19°58'	21°25'	24°52'	16°31'	T 11
F 12	13 19 43	21°49'23	17°39'	10°53'	21°10'	15°47'	23°51'	14°1'	2°52'	1°30'	28°6'	19°54'	21°22'	24°58'	16°33'	F 12
S 13	13 23 40	22°48'10	2°A22	12°7'	22°24'	16°24'	23°44'	13°59'	2°52'	1°28'	28°6'	19°50'	21°19'	25°5'	16°36'	S 13
S 14	13 27 36	23°46'55	16°58'	13°16'	23°38'	17°2'	23°39'	13°57'	2°52'	1°27'	28°5'	19°47'	21°16'	25°12'	16°38'	S 14
M15	13 31 33	24°45'39	1°M20	14°19'	24°52'	17°40'	23°33'	13°55'	2°52'	1°25'	28°4'	19°45'	21°12'	25°19'	16°41'	M15
T 16	13 35 29	25°44'20	15°23'	15°16'	26°7'	18°18'	23°27'	13°53'	2°53'	1°23'	28°4'	19°D44	21°9'	25°25'	16°43'	T 16
W17	13 39 26	26°43'00	29°2'	16°8'	27°21'	18°55'	23°22'	13°50'	2°53'	1°22'	28°3'	19°44'	21°6'	25°32'	16°45'	W17
T 18	13 43 22	27°41'38	12°A18	16°54'	28°35'	19°33'	23°16'	13°48'	2°53'	1°20'	28°2'	19°45'	21°3'	25°39'	16°48'	T 18
F 19	13 47 19	28°40'14	25°11'	17°33'	29°49'	20°11'	23°11'	13°46'	2°54'	1°18'	28°2'	19°47'	21°0'	25°45'	16°50'	F 19
S 20	13 51 16	29°38'48	7°B44	18°7'	18°3'	20°48'	23°6'	13°43'	2°54'	1°17'	28°1'	19°48'	20°57'	25°52'	16°52'	S 20
S 21	13 55 12	08°37'21	20°0'	18°35'	2°18'	21°26'	23°1'	13°41'	2°55'	1°15'	28°1'	19°49'	20°53'	25°59'	16°54'	S 21
M22	13 59 9	1°35'52	2°3'	18°57'	3°32'	22°4'	22°56'	13°38'	2°55'	1°14'	28°0'	19°R50	20°50'	26°6'	16°56'	M22
T 23	14 3 5	2°34'22	13°59'	19°13'	4°46'	22°41'	22°51'	13°35'	2°56'	1°12'	28°0'	19°49'	20°47'	26°12'	16°58'	T 23
W24	14 7 2	3°32'50	25°51'	19°22'	6°0'	23°19'	22°47'	13°33'	2°57'	1°10'	27°59'	19°48'	20°44'	26°19'	17°0'	W24
T 25	14 10 58	4°31'16	7°H45	19°R27	7°14'	23°57'	22°42'	13°30'	2°58'	1°9'	27°59'	19°46'	20°41'	26°26'	17°2'	T 25
F 26	14 14 55	5°29'40	19°44'	19°25'	8°28'	24°34'	22°38'	13°27'	2°58'	1°7'	27°58'	19°44'	20°37'	26°33'	17°3'	F 26
S 27	14 18 51	6°28'03	1°V51	19°18'	9°42'	25°12'	22°34'	13°24'	2°59'	1°5'	27°58'	19°42'	20°34'	26°39'	17°5'	S 27
S 28	14 22 48	7°26'24	14°9'	19°6'	10°56'	25°50'	22°30'	13°21'	3°0'	1°4'	27°58'	19°40'	20°31'	26°46'	17°7'	S 28
M29	14 26 45	8°24'44	26°41'	18°49'	12°11'	26°28'	22°27'	13°17'	3°1'	1°2'	27°57'	19°39'	20°28'	26°53'	17°8'	M29
T 30	14 30 41	9°B23'02	9°B26	18°B28	13°B25	27°B5	22°M23	13°M14	3°B2	1°M1	27°B57	19°M38	20°M25	26°B59	17°B10	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	4n21	9n35	2n45	9n11	0n27	1n43	1s22	23n 0	1n14	3n23	1n33	20s42	1n49	20n 7	0n37	10s24	1n48	22n43	11n23	17s46	18s15	8s45	9s50	6n29	
T 2	4 44	13 15	1 44	10 5	0 39	2 13	1 22	23 6	1 14	3 26	1 33	20 42	1 49	20 7	0 37	10 24	1 48	22 43	11 23	17 45	18 15	8 43	9 49	6 30	
W 3	5 8	16 22	0 38	10 58	0 51	2 43	1 21	23 12	1 14	3 29	1 33	20 42	1 50	20 7	0 37	10 23	1 48	22 43	11 23	17 45	18 14	8 41	9 48	6 30	
T 4	5 30	18 43	0s32	11 49	1 2	3 13	1 20	23 17	1 14	3 31	1 33	20 42	1 50	20 7	0 37	10 23	1 48	22 44	11 22	17 45	18 13	8 39	9 46	6 30	
F 5	5 53	20 8	1 42	12 38	1 14	3 43	1 19	23 23	1 14	3 34	1 33	20 41	1 50	20 7	0 37	10 22	1 48	22 44	11 22	17 45	18 12	8 36	9 45	6 31	
S 6	6 16	20 26	2 47	13 26	1 25	4 13	1 18	23 28	1 15	3 37	1 33	20 41	1 50	20 7	0 37	10 22	1 48	22 44	11 22	17 45	18 11	8 34	9 44	6 31	
S 7	6 39	19 34	3 45	14 11	1 36	4 43	1 17	23 33	1 15	3 39	1 33	20 41	1 50	20 7	0 37	10 21	1 48	22 44	11 22	17 46	18 10	8 32	9 43	6 31	
M 8	7 1	17 32	4 30	14 54	1 47	5 12	1 16	23 38	1 15	3 42	1 33	20 41	1 50	20 7	0 37	10 20	1 48	22 44	11 22	17 46	18 10	8 30	9 42	6 32	
T 9	7 24	14 25	5 0	15 35	1 57	5 42	1 15	23 43	1 15	3 44	1 33	20 40	1 50	20 7	0 37	10 20	1 48	22 44	11 22	17 46	18 9	8 28	9 41	6 32	
W10	7 46	10 23	5 12	16 14	2 6	6 11	1 14	23 47	1 15	3 47	1 32	20 40	1 50	20 7	0 37	10 19	1 48	22 44	11 21	17 45	18 8	8 26	9 40	6 32	
T 11	8 8	5 41	5 5	16 49	2 15	6 40	1 12	23 52	1 15	3 49	1 32	20 40	1 50	20 7	0 37	10 19	1 48	22 45	11 21	17 44	18 7	8 23	9 38	6 33	
F 12	8 30	0 38	4 37	17 22	2 24	7 10	1 11	23 56	1 16	3 51	1 32	20 39	1 50	20 7	0 37	10 18	1 48	22 45	11 21	17 43	18 6	8 21	9 37	6 33	
S 13	8 52	4s28	3 51	17 52	2 31	7 39	1 10	24 0	1 16	3 54	1 32	20 39	1 51	20 7	0 37	10 18	1 48	22 45	11 21	17 42	18 6	8 19	9 36	6 33	
S 14	9 14	9 17	2 50	18 20	2 38	8 7	1 8	24 4	1 16	3 56	1 32	20 39	1 51	20 7	0 37	10 17	1 48	22 45	11 21	17 41	18 5	8 17	9 35	6 34	
M15	9 36	13 30	1 39	18 44	2 43	8 36	1 7	24 8	1 16	3 58	1 32	20 38	1 51	20 7	0 37	10 16	1 48	22 45	11 20	17 41	18 4	8 15	9 34	6 34	
T 16	9 57	16 50	0 24	19 6	2 48	9 4	1 5	24 11	1 16	4 0	1 32	20 38	1 51	20 7	0 37	10 16	1 48	22 45	11 20	17 40	18 3	8 13	9 33	6 35	
W17	10 18	19 7	0n51	19 24	2 52	9 33	1 4	24 15	1 16	4 2	1 32	20 38	1 51	20 7	0 37	10 15	1 48	22 45	11 20	17 40	18 2	8 11	9 32	6 35	
T 18	10 39	20 16	2 1	19 40	2 54	10 1	1 2	24 18	1 16	4 4	1 31	20 37	1 51	20 7	0 37	10 15	1 48	22 45	11 20	17 41	18 1	8 8	9 31	6 35	
F 19	11 0	20 18	3 3	19 53	2 56	10 28	1 0	24 21	1 16	4 6	1 31	20 37	1 51	20 7	0 37	10 14	1 48	22 45	11 19	17 41	18 1	8 6	9 30	6 36	
S 20	11 21	19 19	3 54	20 3	2 56	10 56	0 59	24 24	1 16	4 8	1 31	20 37	1 51	20 7	0 37	10 14	1 48	22 45	11 19	17 41	18 0	8 4	9 29	6 36	
S 21	11 42	17 26	4 34	20 10	2 55	11 23	0 57	24 26	1 17	4 10	1 31	20 36	1 51	20 6	0 37	10 13	1 48	22 45	11 19	17 42	17 59	8 2	9 28	6 36	
M22	12 2	14 49	5 0	20 14	2 53	11 50	0 55	24 29	1 17	4 12	1 31	20 36	1 51	20 6	0 37	10 12	1 48	22 45	11 19	17 42	17 58	8 0	9 27	6 37	
T 23	12 22	11 37	5 14	20 15	2 49	12 17	0 53	24 31	1 17	4 13	1 31	20 35	1 51	20 6	0 37	10 12	1 48	22 45	11 19	17 42	17 57	7 58	9 26	6 37	
W24	12 42	7 59	5 14	20 13	2 45	12 43	0 51	24 33	1 17	4 15	1 30	20 35	1 51	20 6	0 37	10 11	1 48	22 45	11 18	17 41	17 56	7 55	9 25	6 38	
T 25	13 2	4 1	5 0	20 8	2 39	13 9	0 49	24 35	1 17	4 17	1 30	20 35	1 52	20 6	0 37	10 11	1 48	22 45	11 18	17 41	17 55	7 53	9 24	6 38	
F 26	13 21	0n 8	4 34	20 1	2 31	13 35	0 47	24 37	1 17	4 18	1 30	20 34	1 52	20 5	0 37	10 10	1 48	22 45	11 18	17 40	17 55	7 51	9 23	6 38	
S 27	13 41	4 19	3 54	19 50	2 22	14 0	0 45	24 38	1 17	4 19	1 30	20 34	1 52	20 5	0 37	10 10	1 48	22 45	11 18	17 40	17 54	7 49	9 22	6 39	
S 28	14 0	8 24	3 4	19 37	2 12	14 26	0 43	24 40	1 17	4 21	1 30	20 33	1 52	20 5	0 37	10 9	1 48	22 45	11 17	17 39	17 53	7 47	9 22	6 39	
M29	14 19	12 13	2 4	19 22	2 1	14 50	0 41	24 41	1 17	4 22	1 30	20 33	1 52	20 5	0 37	10 9	1 48	22 44	11 17	17 39	17 52	7 45	9 21	6 40	
T 30	14n37	15n32	0n56	19n 4	1n49	15n15	0s39	24n42	1n17	4n23	1n29	20s32	1n52	20n 5	0n37	10s 8	1n48	22n44	11n17	17s39	17s51	7s43	9s20	6n40	

ASTRODIENST EPHEMERIS for the year 1957  
geocentric

MAY 1957

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	14 34 38	10 <sup>8</sup> 21'18	22 <sup>8</sup> 26	18°R 2	14 <sup>8</sup> 39	27 <sup>II</sup> 43	22°R20	13°R11	3 <sup>Ω</sup> 3	0°R59	27°R57	19°D38	20 <sup>ML</sup> 22	27 <sup>≈</sup> 6	17 <sup>≈</sup> 11	W 1
T 2	14 38 34	11°19'32	5 <sup>II</sup> 40	17 <sup>8</sup> 34	15°53	28°21	22 <sup>ML</sup> 17	13 <sup>≈</sup> 7	3° 4	0 <sup>ML</sup> 57	27 <sup>Ω</sup> 56	19 <sup>ML</sup> 38	20°18	27°13	17°13	T 2
F 3	14 42 31	12°17'44	19° 7	17° 2	17° 7	28°58	22°14	13° 4	3° 6	0°56	27°56	19°39	20°15	27°20	17°14	F 3
S 4	14 46 27	13°15'55	2 <sup>Ω</sup> 47	16°27	18°21	29°36	22°11	13° 0	3° 7	0°54	27°56	19°40	20°12	27°26	17°15	S 4
S 5	14 50 24	14°14'04	16°38	15°51	19°35	0 <sup>Ω</sup> 14	22° 8	12°57	3° 8	0°52	27°56	19°40	20° 9	27°33	17°16	S 5
M 6	14 54 20	15°12'10	0 <sup>Ω</sup> 39	15°14	20°49	0°51	22° 6	12°53	3° 9	0°51	27°56	19°40	20° 6	27°40	17°17	M 6
T 7	14 58 17	16°10'15	14°48	14°37	22° 3	1°29	22° 3	12°50	3°11	0°49	27°56	19°R41	20° 2	27°46	17°19	T 7
W 8	15 2 14	17° 8'17	29° 2	14° 0	23°16	2° 7	22° 1	12°46	3°12	0°48	27°56	19°40	19°59	27°53	17°20	W 8
T 9	15 6 10	18° 6'18	13 <sup>ML</sup> 21	13°23	24°30	2°44	21°59	12°42	3°14	0°46	27°55	19°40	19°56	28° 0	17°20	T 9
F 10	15 10 7	19° 4'17	27°39	12°49	25°44	3°22	21°58	12°38	3°15	0°45	27°D55	19°40	19°53	28° 7	17°21	F 10
S 11	15 14 3	20° 2'14	11 <sup>Ω</sup> 54	12°16	26°58	3°59	21°56	12°34	3°17	0°43	27°56	19°D40	19°50	28°13	17°22	S 11
S 12	15 18 0	21° 0'09	26° 2	11°46	28°12	4°37	21°55	12°30	3°18	0°42	27°56	19°40	19°47	28°20	17°23	S 12
M13	15 21 56	21°58'02	9 <sup>ML</sup> 58	11°19	29°26	5°15	21°54	12°26	3°20	0°40	27°56	19°40	19°43	28°27	17°24	M13
T 14	15 25 53	22°55'54	23°41	10°56	0 <sup>II</sup> 40	5°52	21°53	12°22	3°22	0°39	27°56	19°R40	19°40	28°34	17°24	T 14
W15	15 29 49	23°53'45	7 <sup>≈</sup> 7	10°36	1°53	6°30	21°52	12°18	3°24	0°37	27°56	19°40	19°37	28°40	17°25	W15
T 16	15 33 46	24°51'34	20°14	10°20	3° 7	7° 8	21°51	12°14	3°25	0°36	27°56	19°40	19°34	28°47	17°25	T 16
F 17	15 37 43	25°49'22	3 <sup>Ω</sup> 3	10° 9	4°21	7°45	21°51	12°10	3°27	0°34	27°56	19°39	19°31	28°54	17°26	F 17
S 18	15 41 39	26°47'08	15°35	10° 2	5°35	8°23	21°50	12° 6	3°29	0°33	27°56	19°38	19°28	29° 0	17°26	S 18
S 19	15 45 36	27°44'54	27°52	9°D59	6°48	9° 0	21°D50	12° 2	3°31	0°31	27°57	19°37	19°24	29° 7	17°26	S 19
M20	15 49 32	28°42'38	9 <sup>≈</sup> 57	10° 1	8° 2	9°38	21°50	11°57	3°33	0°30	27°57	19°37	19°21	29°14	17°26	M20
T 21	15 53 29	29°40'21	21°54	10° 8	9°16	10°16	21°51	11°53	3°35	0°29	27°57	19°36	19°18	29°21	17°26	T 21
W22	15 57 25	0 <sup>II</sup> 38'03	3 <sup>≈</sup> 48	10°19	10°30	10°53	21°51	11°49	3°37	0°27	27°58	19°D36	19°15	29°27	17°27	W22
T 23	16 1 22	1°35'44	15°42	10°35	11°43	11°31	21°52	11°45	3°39	0°26	27°58	19°36	19°12	29°34	17°R27	T 23
F 24	16 5 18	2°33'24	27°42	10°55	12°57	12° 8	21°52	11°40	3°41	0°25	27°58	19°37	19° 8	29°41	17°26	F 24
S 25	16 9 15	3°31'02	9°Y52	11°19	14°11	12°46	21°53	11°36	3°44	0°23	27°59	19°38	19° 5	29°47	17°26	S 25
S 26	16 13 12	4°28'40	22°16	11°48	15°24	13°24	21°55	11°31	3°46	0°22	27°59	19°40	19° 2	29°54	17°26	S 26
M27	16 17 8	5°26'17	4 <sup>Ω</sup> 56	12°21	16°38	14° 1	21°56	11°27	3°48	0°21	28° 0	19°41	18°59	0 <sup>≈</sup> 1	17°26	M27
T 28	16 21 5	6°23'53	17°56	12°58	17°52	14°39	21°57	11°23	3°51	0°19	28° 0	19°R41	18°56	0° 8	17°26	T 28
W29	16 25 1	7°21'28	1 <sup>II</sup> 15	13°38	19° 5	15°16	21°59	11°18	3°53	0°18	28° 1	19°41	18°53	0°14	17°25	W29
T 30	16 28 58	8°19'01	14°52	14°23	20°19	15°54	22° 1	11°14	3°55	0°17	28° 1	19°40	18°49	0°21	17°25	T 30
F 31	16 32 54	9 <sup>II</sup> 16'34	28 <sup>II</sup> 47	15 <sup>Ω</sup> 11	21 <sup>II</sup> 33	16 <sup>Ω</sup> 32	22 <sup>ML</sup> 3	11 <sup>≈</sup> 9	3 <sup>Ω</sup> 58	0 <sup>ML</sup> 16	28 <sup>Ω</sup> 2	19 <sup>ML</sup> 38	18 <sup>ML</sup> 46	0 <sup>≈</sup> 28	17 <sup>≈</sup> 24	F 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
W 1	14n56	18n 8	0s15	18n44	1n35	15n39	0s37	24n43	1n17	4n24	1n29	20s32	1n52	20n 4	0n37	10s 7	1n48	22n44	11n17	17s39	17s50	7s40	9s19	6n40
T 2	15 14	19 49	1 28	18 22	1 21	16 2	0 35	24 43	1 17	4 26	1 29	20 32	1 52	20 4	0 36	10 7	1 48	22 44	11 16	17 39	17 50	7 38	9 18	6 41
F 3	15 32	20 24	2 36	17 58	1 6	16 25	0 33	24 44	1 17	4 27	1 29	20 31	1 52	20 4	0 36	10 6	1 48	22 44	11 16	17 39	17 49	7 36	9 17	6 41
S 4	15 49	19 48	3 37	17 33	0 50	16 48	0 30	24 44	1 17	4 27	1 29	20 31	1 52	20 3	0 36	10 6	1 48	22 44	11 16	17 39	17 48	7 34	9 17	6 42
S 5	16 7	18 0	4 26	17 7	0 33	17 11	0 28	24 44	1 17	4 28	1 28	20 30	1 52	20 3	0 36	10 5	1 48	22 44	11 16	17 39	17 47	7 32	9 16	6 42
M 6	16 24	15 8	5 0	16 40	0 16	17 33	0 26	24 44	1 17	4 29	1 28	20 30	1 52	20 3	0 36	10 5	1 48	22 43	11 15	17 39	17 46	7 30	9 15	6 43
T 7	16 41	11 22	5 16	16 12	0s 2	17 54	0 24	24 43	1 17	4 30	1 28	20 29	1 52	20 2	0 36	10 4	1 48	22 43	11 15	17 39	17 45	7 27	9 14	6 43
W 8	16 57	6 55	5 13	15 44	0 19	18 15	0 21	24 43	1 17	4 30	1 28	20 29	1 52	20 2	0 36	10 4	1 48	22 43	11 15	17 39	17 44	7 25	9 14	6 43
T 9	17 14	2 5	4 50	15 17	0 36	18 36	0 19	24 42	1 17	4 31	1 27	20 28	1 52	20 2	0 36	10 3	1 48	22 43	11 15	17 39	17 44	7 23	9 13	6 44
F 10	17 30	2s53	4 10	14 50	0 54	18 56	0 17	24 41	1 17	4 31	1 27	20 28	1 52	20 1	0 36	10 3	1 48	22 42	11 14	17 39	17 43	7 21	9 12	6 44
S 11	17 45	7 41	3 15	14 24	1 10	19 15	0 14	24 40	1 17	4 32	1 27	20 27	1 52	20 1	0 36	10 2	1 48	22 42	11 14	17 39	17 42	7 19	9 12	6 45
S 12	18 1	12 2	2 7	14 0	1 27	19 34	0 12	24 39	1 17	4 32	1 27	20 27	1 52	20 0	0 36	10 2	1 48	22 42	11 14	17 39	17 41	7 17	9 11	6 45
M13	18 16	15 39	0 54	13 37	1 42	19 53	0 10	24 38	1 17	4 33	1 27	20 26	1 52	20 0	0 36	10 1	1 48	22 42	11 14	17 39	17 40	7 14	9 11	6 46
T 14	18 31	18 20	0n22	13 15	1 57	20 11	0 7	24 36	1 17	4 33	1 26	20 26	1 52	20 0	0 36	10 1	1 48	22 41	11 13	17 39	17 39	7 12	9 10	6 46
W15	18 45	19 56	1 35	12 56	2 11	20 28	0 5	24 34	1 17	4 33	1 26	20 25	1 52	19 59	0 36	10 0	1 48	22 41	11 13	17 39	17 38	7 10	9 9	6 46
T 16	18 59	20 24	2 41	12 39	2 24	20 45	0 2	24 32	1 17	4 33	1 26	20 25	1 52	19 59	0 36	10 0	1 48	22 41	11 13	17 39	17 38	7 8	9 9	6 47
F 17	19 13	19 47	3 38	12 24	2 36	21 1	0n 0	24 30	1 17	4 33	1 26	20 24	1 52	19 58	0 36	9 59	1 48	22 41	11 13	17 39	17 37	7 6	9 8	6 47
S 18	19 26	18 11	4 23	12 11	2 47	21 17	0 3	24 28	1 17	4 33	1 25	20 23	1 52	19 58	0 36	9 59	1 48	22 40	11 12	17 39	17 36	7 4	9 8	6 48
S 19	19 40	15 47	4 54	12 1	2 57	21 32	0 5	24 25	1 17	4 33	1 25	20 23	1 52	19 57	0 36	9 58	1 48	22 40	11 12	17 39	17 35	7 1	9 7	6 48
M20	19 53	12 44	5 12	11 53	3 6	21 46	0 7	24 23	1 17	4 32	1 25	20 22	1 52	19 57	0 36	9 58	1 48	22 40	11 12	17 38	17 34	6 59	9 7	6 49
T 21	20 5	9 13	5 16	11 47	3 14	22 0	0 10	24 20	1 17	4 32	1 25	20 22	1 52	19 56	0 36	9 57	1 48	22 39	11 12	17 38	17 33	6 57	9 6	6 49
W22	20 17	5 21	5 7	11 44	3 21	22 14	0 12	24 17	1 17	4 32	1 25	20 21	1 52	19 56	0 36	9 57	1 48	22 39	11 11	17 38	17 32	6 55	9 6	6 49
T 23	20 29	1 16	4 44	11 44	3 27	22 26	0 15	24 14	1 17	4 31	1 24	20 21	1 52	19 55	0 36	9 56	1 48	22 38	11 11	17 38	17 32	6 53	9 6	6 50
F 24	20 41	2n54	4 9	11 45	3 32	22 38	0 17	24 10	1 17	4 31	1 24	20 20	1 52	19 55	0 36	9 56	1 48	22 38	11 11	17 39	17 31	6 51	9 5	6 50
S 25	20 52	7 1	3 23	11 49	3 35	22 50	0 20	24 7	1 17	4 30	1 24	20 20	1 52	19 54	0 36	9 55	1 48	22 38	11 11	17 39	17 30	6 48	9 5	6 51
S 26	21 2	10 55	2 26	11 55	3 38	23 0	0 22	24 3	1 17	4 29	1 24	20 19	1 52	19 54	0 36	9 55	1 48	22 37	11 10	17 39	17 29	6 46	9 5	6 51
M27	21 13	14 26	1 21	12 3	3 40	23 10	0 24	23 59	1 17	4 29	1 23	20 18	1 52	19 53	0 36	9 55	1 48	22 37	11 10	17 39	17 28	6 44	9 4	6 52
T 28	21 23	17 20	0 10	12 13	3 41	23 20	0 27	23 55	1 17	4 28	1 23	20 18	1 52	19 53	0 36	9 54	1 48	22 36	11 10	17 40	17 27	6 42	9 4	6 52
W29	21 32	19 23	1s 3	12 25	3 41	23 29	0 29	23 51	1 17	4 27	1 23	20 17	1 52	19 52	0 36	9 54	1 48	22 36	11 9	17 39	17 26	6 40	9 4	6 52
T 30	21 42	20 21	2 14	12 38	3 41	23 37	0 31	23 46	1 17	4 26	1 23	20 17	1 52	19 51	0 36	9 53	1 48	22 36	11 9	17 39	17 25	6 38	9 3	6 53
F 31	21n51	20n 7	3s19	12n54	3s39	23n44	0n34	23n42	1n17	4n25	1n22	20s16	1n52	19n51	0n36	9s53	1n48	22n35	11n 9	17s39	17s25	6s35	9s 3	6n53

Julian Day Number = 2435959.5, Delta T = 31.83 sec  
Ecliptic obliquity = 23°26'36", Nutation = 0°00'12", out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 24°08'39", Lahiri = 23°15'40"

ASTRODIENST EPHEMERIS for the year 1957  
geocentric

JUNE 1957

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 36 51	10II14'06	12☾54	16♂ 3	22II46	17☾ 9	22♂ 5	11°R 5	4♂ 0	0°R15	28♂ 3	19°R35	18♂43	0♂35	17°R24	S 1
S 2	16 40 47	11°11'36	27°10	16°58	24° 0	17°47	22° 8	11♂ 0	4° 3	0♂13	28° 3	19♂32	18°40	0°41	17°23	S 2
M 3	16 44 44	12° 9'05	11♂30	17°57	25°13	18°24	22°10	10°56	4° 5	0°12	28° 4	19°30	18°37	0°48	17°22	M 3
T 4	16 48 41	13° 6'33	25°50	18°59	26°27	19° 2	22°13	10°52	4° 8	0°11	28° 5	19°28	18°34	0°55	17°21	T 4
W 5	16 52 37	14° 3'59	10♂ 7	20° 5	27°40	19°40	22°16	10°47	4°11	0°10	28° 5	19°D27	18°30	1° 1	17°21	W 5
T 6	16 56 34	15° 1'24	24°17	21°13	28°54	20°17	22°19	10°43	4°13	0° 9	28° 6	19°27	18°27	1° 8	17°20	T 6
F 7	17 0 30	15°58'48	8♂18	22°25	0☾ 7	20°55	22°22	10°38	4°16	0° 8	28° 7	19°28	18°24	1°15	17°19	F 7
S 8	17 4 27	16°56'11	22°10	23°40	1°21	21°32	22°26	10°34	4°19	0° 7	28° 8	19°30	18°21	1°22	17°18	S 8
S 9	17 8 23	17°53'33	5♂52	24°58	2°34	22°10	22°29	10°29	4°22	0° 6	28° 9	19°31	18°18	1°28	17°17	S 9
M10	17 12 20	18°50'54	19°22	26°19	3°48	22°47	22°33	10°25	4°24	0° 5	28°10	19°R31	18°14	1°35	17°15	M10
T 11	17 16 16	19°48'14	2♂40	27°42	5° 1	23°25	22°37	10°21	4°27	0° 4	28°10	19°31	18°11	1°42	17°14	T 11
W12	17 20 13	20°45'33	15°45	29° 9	6°15	24° 3	22°41	10°16	4°30	0° 3	28°11	19°29	18° 8	1°48	17°13	W12
T 13	17 24 10	21°42'51	28°37	0II39	7°28	24°40	22°45	10°12	4°33	0° 2	28°12	19°25	18° 5	1°55	17°12	T 13
F 14	17 28 6	22°40'09	11♂15	2°12	8°42	25°18	22°49	10° 8	4°36	0° 1	28°13	19°20	18° 2	2° 2	17°10	F 14
S 15	17 32 3	23°37'26	23°40	3°47	9°55	25°55	22°54	10° 3	4°39	0° 1	28°14	19°14	17°59	2° 9	17° 9	S 15
S 16	17 35 59	24°34'43	5♂53	5°26	11° 8	26°33	22°59	9°59	4°42	29♂59	28°15	19° 8	17°55	2°15	17° 7	S 16
M17	17 39 56	25°31'59	17°57	7° 7	12°22	27°10	23° 3	9°55	4°45	29°59	28°16	19° 3	17°52	2°22	17° 6	M17
T 18	17 43 52	26°29'15	29°53	8°51	13°35	27°48	23° 8	9°51	4°48	29°58	28°17	18°58	17°49	2°29	17° 4	T 18
W19	17 47 49	27°26'31	11♂45	10°38	14°48	28°26	23°14	9°47	4°51	29°58	28°19	18°55	17°46	2°35	17° 2	W19
T 20	17 51 45	28°23'46	23°39	12°27	16° 2	29° 3	23°19	9°43	4°54	29°57	28°20	18°D54	17°43	2°42	17° 1	T 20
F 21	17 55 42	29°21'01	5♂58	14°19	17°15	29°41	23°24	9°39	4°57	29°56	28°21	18°54	17°40	2°49	16°59	F 21
S 22	17 59 39	0☾18'16	17°47	16°14	18°28	0♂18	23°30	9°34	5° 1	29°56	28°22	18°55	17°36	2°56	16°57	S 22
S 23	18 3 35	1°15'31	0♂11	18°11	19°42	0°56	23°36	9°31	5° 4	29°55	28°23	18°57	17°33	3° 2	16°55	S 23
M24	18 7 32	2°12'46	12°55	20°11	20°55	1°34	23°41	9°27	5° 7	29°55	28°24	18°R58	17°30	3° 9	16°53	M24
T 25	18 11 28	3°10'00	26° 2	22°12	22° 8	2°11	23°47	9°23	5°10	29°54	28°26	18°58	17°27	3°16	16°51	T 25
W26	18 15 25	4° 7'15	9II34	24°16	23°21	2°49	23°54	9°19	5°14	29°53	28°27	18°56	17°24	3°23	16°49	W26
T 27	18 19 21	5° 4'29	23°29	26°22	24°35	3°26	24° 0	9°15	5°17	29°53	28°28	18°52	17°20	3°29	16°47	T 27
F 28	18 23 18	6° 1'44	7☾46	28°29	25°48	4° 4	24° 6	9°11	5°20	29°53	28°30	18°46	17°17	3°36	16°45	F 28
S 29	18 27 14	6°58'58	22°20	0☾37	27° 1	4°42	24°13	9° 8	5°24	29°52	28°31	18°40	17°14	3°43	16°43	S 29
S 30	18 31 11	7☾56'12	7♂ 3	2☾46	28☾14	5♂19	24♂20	9♂ 4	5♂27	29♂52	28♂32	18♂32	17♂11	3♂49	16°41	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21n59	18n38	4s12	13n11	3s37	23n51	0n36	23n37	1n17	4n24	1n22	20s16	1n52	19n50	0n36	9s53	1n48	22n35	11n 9	17s38	17s24	6s33	9s 3	6n54	
S 2	22 7	15 58	4 51	13 29	3 34	23 57	0 38	23 32	1 17	4 23	1 22	20 15	1 52	19 50	0 36	9 52	1 48	22 34	11 8	17 37	17 23	6 31	9 3	6 54	
M 3	22 15	12 21	5 11	13 49	3 30	24 2	0 41	23 27	1 17	4 22	1 22	20 15	1 52	19 49	0 36	9 52	1 48	22 34	11 8	17 36	17 22	6 29	9 3	6 54	
T 4	22 23	8 0	5 12	14 10	3 26	24 7	0 43	23 21	1 17	4 20	1 22	20 14	1 52	19 48	0 36	9 52	1 48	22 33	11 8	17 36	17 21	6 27	9 2	6 55	
W 5	22 30	3 14	4 54	14 33	3 20	24 10	0 45	23 16	1 17	4 19	1 21	20 14	1 52	19 48	0 36	9 51	1 47	22 33	11 8	17 36	17 20	6 25	9 2	6 55	
T 6	22 36	1s41	4 18	14 56	3 15	24 14	0 47	23 10	1 16	4 18	1 21	20 13	1 51	19 47	0 36	9 51	1 47	22 32	11 8	17 36	17 19	6 22	9 2	6 56	
F 7	22 42	6 28	3 27	15 20	3 8	24 16	0 49	23 4	1 16	4 16	1 21	20 12	1 51	19 46	0 36	9 51	1 47	22 32	11 7	17 36	17 18	6 20	9 2	6 56	
S 8	22 48	10 52	2 24	15 46	3 1	24 18	0 52	22 59	1 16	4 14	1 21	20 12	1 51	19 46	0 36	9 50	1 47	22 31	11 7	17 36	17 18	6 18	9 2	6 56	
S 9	22 53	14 39	1 14	16 12	2 54	24 19	0 54	22 52	1 16	4 13	1 20	20 11	1 51	19 45	0 36	9 50	1 47	22 31	11 7	17 37	17 17	6 16	9 2	6 57	
M10	22 58	17 35	0 1	16 39	2 46	24 19	0 56	22 46	1 16	4 11	1 20	20 11	1 51	19 44	0 36	9 50	1 47	22 30	11 7	17 37	17 16	6 14	9 2	6 57	
T 11	23 3	19 32	1n11	17 6	2 37	24 19	0 58	22 40	1 16	4 9	1 20	20 10	1 51	19 44	0 36	9 49	1 47	22 30	11 6	17 37	17 15	6 12	9 2	6 58	
W12	23 7	20 23	2 18	17 34	2 28	24 17	1 0	22 33	1 16	4 8	1 20	20 10	1 51	19 43	0 36	9 49	1 47	22 29	11 6	17 36	17 14	6 9	9 2	6 58	
T 13	23 11	20 9	3 17	18 2	2 19	24 16	1 2	22 26	1 16	4 6	1 20	20 9	1 51	19 42	0 36	9 49	1 47	22 29	11 6	17 35	17 13	6 7	9 2	6 58	
F 14	23 14	18 54	4 5	18 30	2 9	24 13	1 4	22 19	1 16	4 4	1 19	20 9	1 51	19 41	0 36	9 49	1 47	22 28	11 6	17 34	17 12	6 5	9 2	6 59	
S 15	23 17	16 46	4 41	18 58	1 59	24 10	1 6	22 12	1 16	4 2	1 19	20 8	1 51	19 41	0 36	9 48	1 47	22 27	11 5	17 32	17 11	6 3	9 2	6 59	
S 16	23 20	13 55	5 2	19 26	1 48	24 6	1 7	22 5	1 16	4 0	1 19	20 8	1 50	19 40	0 36	9 48	1 47	22 27	11 5	17 31	17 11	6 1	9 2	6 59	
M17	23 22	10 31	5 11	19 54	1 37	24 1	1 9	21 58	1 15	3 58	1 19	20 7	1 50	19 39	0 36	9 48	1 47	22 26	11 5	17 29	17 10	5 59	9 2	7 0	
T 18	23 24	6 45	5 5	20 21	1 26	23 56	1 11	21 50	1 15	3 55	1 18	20 7	1 50	19 39	0 36	9 48	1 47	22 26	11 5	17 28	17 9	5 56	9 2	7 0	
W19	23 25	2 44	4 46	20 48	1 15	23 49	1 13	21 42	1 15	3 53	1 18	20 6	1 50	19 38	0 35	9 48	1 47	22 25	11 5	17 27	17 8	5 54	9 3	7 0	
T 20	23 26	1n23	4 16	21 14	1 4	23 43	1 14	21 35	1 15	3 51	1 18	20 6	1 50	19 37	0 35	9 47	1 47	22 24	11 4	17 27	17 7	5 52	9 3	7 1	
F 21	23 26	5 30	3 33	21 39	0 52	23 35	1 16	21 27	1 15	3 49	1 18	20 5	1 50	19 36	0 35	9 47	1 47	22 24	11 4	17 27	17 6	5 50	9 3	7 1	
S 22	23 27	9 27	2 41	22 3	0 41	23 27	1 17	21 18	1 15	3 46	1 18	20 5	1 50	19 35	0 35	9 47	1 47	22 23	11 4	17 27	17 5	5 48	9 3	7 1	
S 23	23 26	13 6	1 40	22 26	0 29	23 18	1 19	21 10	1 15	3 44	1 17	20 4	1 50	19 35	0 35	9 47	1 47	22 23	11 4	17 27	17 4	5 46	9 3	7 2	
M24	23 25	16 14	0 33	22 47	0 18	23 8	1 20	21 2	1 15	3 41	1 17	20 4	1 49	19 34	0 35	9 47	1 47	22 22	11 4	17 28	17 3	5 43	9 4	7 2	
T 25	23 24	18 39	0s38	23 7	0 6	22 58	1 22	20 53	1 14	3 39	1 17	20 4	1 49	19 33	0 35	9 47	1 47	22 21	11 3	17 28	17 2	5 41	9 4	7 2	
W26	23 23	20 5	1 49	23 24	0n 5	22 47	1 23	20 44	1 14	3 36	1 17	20 3	1 49	19 32	0 35	9 46	1 47	22 21	11 3	17 27	17 2	5 39	9 4	7 3	
T 27	23 21	20 22	2 55	23 39	0 16	22 36	1 24	20 36	1 14	3 33	1 17	20 3	1 49	19 31	0 35	9 46	1 46	22 20	11 3	17 26	17 1	5 37	9 5	7 3	
F 28	23 18	19 21	3 52	23 52	0 26	22 23	1 26	20 27	1 14	3 31	1 16	20 2	1 49	19 31	0 35	9 46	1 46	22 19	11 3	17 25	17 0	5 35	9 5	7 3	
S 29	23 16	17 4	4 35	24 3	0 36	22 11	1 27	20 17	1 14	3 28	1 16	20 2	1 49	19 30	0 35	9 46	1 46	22 19	11 3	17 23	16 59	5 33	9 5	7 4	
S 30	23n12	13n39	5s 1	24n11	0n46	21n57	1n28	20n 8	1n14	3n25	1n16	20s 1	1n49	19n29	0n35	9s46	1n46	22n18	11n 2	17s21	16s58	5s31	9s 6	7n 4	



ASTRODIENST EPHEMERIS for the year 1957  
geocentric

JULY 1957

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	18 35 8	8♂53'25	21♂48	4♂56	29♂27	5♂57	24♂27	9°R 0	5♂30	29°R51	28♂34	18°R25	17♂8	3♂56	16°R38	M 1
T 2	18 39 4	9°50'38	6♂28	7° 7	0♂41	6°34	24°33	8♂57	5°34	29♂51	28°35	18♂20	17° 5	4° 3	16°R36	T 2
W 3	18 43 1	10°47'51	20°56	9°17	1°54	7°12	24°41	8°54	5°37	29°51	28°36	18°16	17° 1	4°10	16°33	W 3
T 4	18 46 57	11°45'03	5♂8	11°28	3° 7	7°50	24°48	8°50	5°41	29°50	28°38	18°14	16°58	4°16	16°31	T 4
F 5	18 50 54	12°42'15	19° 5	13°38	4°20	8°27	24°55	8°47	5°44	29°50	28°39	18°D14	16°55	4°23	16°29	F 5
S 6	18 54 50	13°39'27	2♂44	15°48	5°33	9° 5	25° 3	8°44	5°48	29°50	28°41	18°15	16°52	4°30	16°26	S 6
S 7	18 58 47	14°36'38	16° 7	17°56	6°46	9°43	25°10	8°40	5°51	29°50	28°42	18°R16	16°49	4°36	16°24	S 7
M 8	19 2 43	15°33'50	29°16	20° 4	7°59	10°20	25°18	8°37	5°55	29°50	28°44	18°15	16°46	4°43	16°21	M 8
T 9	19 6 40	16°31'01	12♂13	22°10	9°12	10°58	25°26	8°34	5°58	29°50	28°45	18°13	16°42	4°50	16°18	T 9
W10	19 10 37	17°28'13	24°58	24°16	10°25	11°36	25°34	8°31	6° 2	29°50	28°47	18° 8	16°39	4°57	16°16	W10
T 11	19 14 33	18°25'24	7♂32	26°19	11°38	12°13	25°42	8°28	6° 5	29°50	28°48	18° 0	16°36	5° 3	16°13	T 11
F 12	19 18 30	19°22'36	19°56	28°21	12°51	12°51	25°50	8°26	6° 9	29°D50	28°50	17°51	16°33	5°10	16°10	F 12
S 13	19 22 26	20°19'48	2♂11	0♂22	14° 4	13°29	25°58	8°23	6°12	29°50	28°52	17°40	16°30	5°17	16° 7	S 13
S 14	19 26 23	21°17'00	14°17	2°20	15°17	14° 6	26° 7	8°20	6°16	29°50	28°53	17°28	16°26	5°23	16° 5	S 14
M15	19 30 19	22°14'12	26°16	4°17	16°30	14°44	26°15	8°18	6°20	29°50	28°55	17°17	16°23	5°30	16° 2	M15
T 16	19 34 16	23°11'25	8♂9	6°12	17°43	15°22	26°24	8°15	6°23	29°50	28°57	17° 8	16°20	5°37	15°59	T 16
W17	19 38 12	24° 8'39	20° 0	8° 5	18°56	15°59	26°33	8°13	6°27	29°50	28°58	17° 1	16°17	5°44	15°56	W17
T 18	19 42 9	25° 5'53	1°52	9°57	20° 8	16°37	26°42	8°10	6°30	29°50	29° 0	16°56	16°14	5°50	15°53	T 18
F 19	19 46 6	26° 3'08	13°49	11°47	21°21	17°15	26°51	8° 8	6°34	29°50	29° 2	16°53	16°11	5°57	15°50	F 19
S 20	19 50 2	27° 0'23	25°56	13°34	22°34	17°53	27° 0	8° 6	6°38	29°51	29° 3	16°D52	16° 7	6° 4	15°47	S 20
S 21	19 53 59	27°57'40	8♂18	15°21	23°47	18°30	27° 9	8° 4	6°41	29°51	29° 5	16°53	16° 4	6°10	15°44	S 21
M22	19 57 55	28°54'57	21° 0	17° 5	25° 0	19° 8	27°18	8° 2	6°45	29°51	29° 7	16°R53	16° 1	6°17	15°41	M22
T 23	20 1 52	29°52'15	4♂7	18°47	26°12	19°46	27°27	8° 0	6°49	29°52	29° 9	16°52	15°58	6°24	15°38	T 23
W24	20 5 48	0♂49'34	17°41	20°28	27°25	20°24	27°37	7°58	6°52	29°52	29°10	16°49	15°55	6°31	15°35	W24
T 25	20 9 45	1°46'54	1♂44	22° 7	28°38	21° 1	27°47	7°56	6°56	29°52	29°12	16°43	15°52	6°37	15°32	T 25
F 26	20 13 41	2°44'14	16°14	23°44	29°50	21°39	27°56	7°55	7° 0	29°53	29°14	16°35	15°48	6°44	15°29	F 26
S 27	20 17 38	3°41'36	1♂5	25°19	1♂3	22°17	28° 6	7°53	7° 3	29°53	29°16	16°25	15°45	6°51	15°26	S 27
S 28	20 21 35	4°38'58	16° 9	26°52	2°16	22°55	28°16	7°52	7° 7	29°54	29°18	16°14	15°42	6°57	15°23	S 28
M29	20 25 31	5°36'20	1♂16	28°24	3°28	23°33	28°26	7°50	7°11	29°54	29°19	16° 4	15°39	7° 4	15°19	M29
T 30	20 29 28	6°33'44	16°16	29°54	4°41	24°10	28°36	7°49	7°15	29°55	29°21	15°55	15°36	7°11	15°16	T 30
W31	20 33 24	7♂31'07	1♂1	1♂22	5♂53	24♂48	28♂46	7♂48	7♂18	29♂55	29♂23	15♂49	15♂32	7♂18	15♂13	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	23n 9	9n24	5s 6	24n16	0n55	21n43	1n29	19n59	1n14	3n22	1n16	20s 1	1n48	19n28	0n35	9s46
T 2	23 5	4 37	4 52	24 19	1 4	21 28	1 30	19 49	1 13	3 19	1 16	20 1	1 48	19 27	0 35	9 46
W 3	23 0	0s22	4 19	24 18	1 11	21 13	1 31	19 39	1 13	3 16	1 15	20 0	1 48	19 26	0 35	9 46
T 4	22 55	5 15	3 30	24 15	1 19	20 57	1 32	19 30	1 13	3 13	1 15	20 0	1 48	19 26	0 35	9 46
F 5	22 50	9 47	2 30	24 9	1 25	20 40	1 32	19 20	1 13	3 10	1 15	20 0	1 48	19 25	0 35	9 46
S 6	22 45	13 43	1 22	24 1	1 31	20 23	1 33	19 10	1 13	3 7	1 15	19 59	1 48	19 24	0 35	9 46
S 7	22 39	16 51	0 11	23 49	1 36	20 6	1 34	18 59	1 13	3 4	1 15	19 59	1 47	19 23	0 35	9 46
M 8	22 32	19 3	0n59	23 36	1 40	19 48	1 34	18 49	1 13	3 0	1 14	19 59	1 47	19 22	0 35	9 46
T 9	22 25	20 12	2 4	23 19	1 44	19 29	1 35	18 39	1 12	2 57	1 14	19 58	1 47	19 21	0 35	9 46
W10	22 18	20 18	3 3	23 1	1 46	19 10	1 35	18 28	1 12	2 54	1 14	19 58	1 47	19 20	0 35	9 46
T 11	22 11	19 23	3 51	22 40	1 48	18 50	1 36	18 17	1 12	2 50	1 14	19 58	1 47	19 19	0 35	9 46
F 12	22 3	17 32	4 28	22 17	1 50	18 29	1 36	18 6	1 12	2 47	1 14	19 58	1 46	19 19	0 35	9 46
S 13	21 54	14 56	4 52	21 52	1 50	18 9	1 36	17 55	1 12	2 44	1 14	19 57	1 46	19 18	0 35	9 46
S 14	21 46	11 43	5 2	21 26	1 50	17 47	1 36	17 44	1 12	2 40	1 13	19 57	1 46	19 17	0 35	9 46
M15	21 36	8 4	4 59	20 58	1 49	17 26	1 36	17 33	1 11	2 37	1 13	19 57	1 46	19 16	0 35	9 46
T 16	21 27	4 8	4 43	20 28	1 48	17 3	1 36	17 22	1 11	2 33	1 13	19 57	1 46	19 15	0 35	9 46
W17	21 17	0 3	4 15	19 57	1 46	16 41	1 36	17 11	1 11	2 29	1 13	19 57	1 45	19 14	0 35	9 46
T 18	21 7	4n 2	3 35	19 25	1 43	16 18	1 36	16 59	1 11	2 26	1 13	19 56	1 45	19 13	0 35	9 46
F 19	20 56	8 0	2 46	18 51	1 40	15 54	1 36	16 47	1 11	2 22	1 13	19 56	1 45	19 12	0 35	9 46
S 20	20 46	11 43	1 49	18 17	1 36	15 30	1 36	16 36	1 10	2 18	1 12	19 56	1 45	19 11	0 35	9 47
S 21	20 34	14 59	0 45	17 42	1 32	15 6	1 35	16 24	1 10	2 14	1 12	19 56	1 45	19 10	0 35	9 47
M22	20 23	17 39	0s22	17 6	1 27	14 41	1 35	16 12	1 10	2 11	1 12	19 56	1 44	19 9	0 35	9 47
T 23	20 11	19 30	1 30	16 30	1 22	14 16	1 34	16 0	1 10	2 7	1 12	19 56	1 44	19 9	0 35	9 47
W24	19 59	20 17	2 36	15 52	1 16	13 50	1 34	15 48	1 10	2 3	1 12	19 56	1 44	19 8	0 35	9 47
T 25	19 46	19 52	3 34	15 15	1 10	13 24	1 33	15 35	1 9	1 59	1 12	19 56	1 44	19 7	0 35	9 47
F 26	19 33	18 9	4 20	14 37	1 4	12 58	1 32	15 23	1 9	1 55	1 12	19 56	1 44	19 6	0 35	9 48
S 27	19 20	15 12	4 50	13 58	0 57	12 32	1 32	15 10	1 9	1 51	1 11	19 56	1 43	19 5	0 35	9 48
S 28	19 6	11 12	5 1	13 20	0 49	12 5	1 31	14 58	1 9	1 47	1 11	19 56	1 43	19 4	0 35	9 48
M29	18 52	6 30	4 51	12 41	0 42	11 38	1 30	14 45	1 9	1 43	1 11	19 56	1 43	19 3	0 35	9 48
T 30	18 38	1 25	4 20	12 2	0 34	11 10	1 29	14 32	1 8	1 39	1 11	19 56	1 43	19 2	0 35	9 49
W31	18n24	3s40	3s33	11n23	0n25	10n43	1n28	14n20	1n 8	1n34	1n11	19s56	1n43	19n 1	0n35	9s49

Julian Day Number = 2436020.5, Delta T = 31.92 sec  
Ecliptic obliquity = 23°26'35, Nutation = 0°00'13, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 24°08'48, Lahiri = 23°15'48





# ASTRODIENST EPHEMERIS for the year 1957

## geocentric

SEPTEMBER 1957

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 34	8♍17'17"	5♊59	24°R10	14♊18	15♍6	4♊47	8♊0	9♊13	0♍30	0♍25	12°R54	13♍51	10♋52	13°R34	S 1
M 2	22 43 31	9°15'22"	18°54	23♍39	15°29	15°44	5°0	8°2	9°16	0°32	0°27	12♍54	13°48	10°59	13°31	M 2
T 3	22 47 27	10°13'28"	1♊31	23°1	16°40	16°23	5°12	8°4	9°20	0°33	0°29	12°52	13°44	11°6	13°28	T 3
W 4	22 51 24	11°11'36"	13°53	22°19	17°52	17°1	5°24	8°6	9°23	0°35	0°31	12°47	13°41	11°12	13°26	W 4
T 5	22 55 20	12°9'45"	26°3	21°31	19°3	17°40	5°37	8°9	9°26	0°37	0°33	12°40	13°38	11°19	13°23	T 5
F 6	22 59 17	13°7'56"	8♋6	20°38	20°14	18°18	5°49	8°11	9°29	0°38	0°35	12°31	13°35	11°26	13°20	F 6
S 7	23 3 13	14°6'08"	20°3	19°42	21°25	18°56	6°1	8°14	9°33	0°40	0°37	12°21	13°32	11°33	13°18	S 7
S 8	23 7 10	15°4'22"	1♋57	18°44	22°36	19°35	6°14	8°16	9°36	0°42	0°39	12°10	13°29	11°39	13°15	S 8
M 9	23 11 6	16°2'37"	13°49	17°44	23°47	20°13	6°26	8°19	9°39	0°43	0°41	11°59	13°25	11°46	13°13	M 9
T 10	23 15 3	17°0'55"	25°40	16°44	24°58	20°52	6°39	8°21	9°42	0°45	0°43	11°50	13°22	11°53	13°10	T 10
W11	23 19 0	17°59'14"	7♍33	15°45	26°9	21°30	6°52	8°24	9°45	0°47	0°45	11°42	13°19	11°59	13°8	W11
T 12	23 22 56	18°57'35"	19°30	14°49	27°20	22°9	7°4	8°27	9°48	0°49	0°47	11°37	13°16	12°6	13°5	T 12
F 13	23 26 53	19°55'58"	1♋32	13°56	28°31	22°47	7°17	8°30	9°51	0°50	0°49	11°35	13°13	12°13	13°3	F 13
S 14	23 30 49	20°54'23"	13°43	13°9	29°41	23°26	7°29	8°33	9°54	0°52	0°50	11°D34	13°9	12°19	13°1	S 14
S 15	23 34 46	21°52'51"	26°7	12°29	0♍52	24°4	7°42	8°36	9°57	0°54	0°52	11°35	13°6	12°26	12°58	S 15
M16	23 38 42	22°51'20"	8♊46	11°56	2°3	24°43	7°55	8°39	10°0	0°56	0°54	11°36	13°3	12°33	12°56	M16
T 17	23 42 39	23°49'52"	21°46	11°31	3°13	25°22	8°8	8°43	10°3	0°58	0°56	11°R37	13°0	12°40	12°54	T 17
W18	23 46 35	24°48'26"	5♊10	11°15	4°24	26°0	8°20	8°46	10°6	1°0	0°58	11°37	12°57	12°46	12°52	W18
T 19	23 50 32	25°47'02"	19°1	11°D9	5°34	26°39	8°33	8°50	10°9	1°1	1°0	11°34	12°54	12°53	12°50	T 19
F 20	23 54 28	26°45'40"	3♊18	11°13	6°45	27°18	8°46	8°53	10°12	1°3	1°2	11°30	12°50	13°0	12°48	F 20
S 21	23 58 25	27°44'21"	18°1	11°26	7°55	27°56	8°59	8°57	10°15	1°5	1°3	11°25	12°47	13°6	12°46	S 21
S 22	0 2 22	28°43'03"	3♍2	11°48	9°5	28°35	9°12	9°1	10°17	1°7	1°5	11°18	12°44	13°13	12°44	S 22
M23	0 6 18	29°41'48"	18°14	12°20	10°15	29°14	9°25	9°4	10°20	1°9	1°7	11°12	12°41	13°20	12°42	M23
T 24	0 10 15	0♊40'35"	3♊27	13°2	11°25	29°53	9°37	9°8	10°23	1°11	1°9	11°7	12°38	13°27	12°41	T 24
W25	0 14 11	1°39'23"	18°30	13°51	12°35	0♊32	9°50	9°12	10°26	1°13	1°10	11°3	12°34	13°33	12°39	W25
T 26	0 18 8	2°38'14"	3♍15	14°48	13°45	1°10	10°3	9°16	10°28	1°15	1°12	11°1	12°31	13°40	12°37	T 26
F 27	0 22 4	3°37'06"	17°34	15°53	14°55	1°49	10°16	9°20	10°31	1°17	1°14	11°D1	12°28	13°47	12°36	F 27
S 28	0 26 1	4°36'01"	1♊27	17°4	16°5	2°28	10°29	9°25	10°33	1°19	1°16	11°2	12°25	13°53	12°34	S 28
S 29	0 29 57	5°34'57"	14°52	18°21	17°15	3°7	10°42	9°29	10°36	1°21	1°17	11°4	12°22	14°0	12°32	S 29
M30	0 33 54	6♊33'55"	27♊53	19♍44	18♍25	3♊46	10♊55	9♊33	10♊38	1♍23	1♍19	11♍5	12♍19	14♋7	12°31	M30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n28	19s21	2n0	1s44	4s25	5s24	0n15	6n48	1n0	0s52	1n7	20s5	1n35	18n32	0n36	10s3
M 2	8 6 20	0 3 0	1 33	4 26	5 55	0 12	6 32	1 0	0 57	1 7	20 5	1 35	18 31	0 36	10 3	1 43
T 3	7 44	19 37	3 49	1 18	4 25	6 25	0 8	6 17	0 59	1 2	1 7	20 6	1 35	18 30	0 36	10 4
W 4	7 22	18 18	4 27	0 59	4 23	6 56	0 5	6 2	0 59	1 7	1 7	20 6	1 35	18 29	0 36	10 4
T 5	7 0	16 10	4 52	0 36	4 19	7 26	0 2	5 47	0 59	1 12	1 7	20 7	1 35	18 28	0 36	10 5
F 6	6 38	13 22	5 3	0 11	4 14	7 56	0s2	5 32	0 59	1 17	1 7	20 7	1 34	18 27	0 36	10 6
S 7	6 15	10 2	5 1	0n18	4 6	8 26	0 5	5 16	0 58	1 22	1 7	20 8	1 34	18 27	0 36	10 6
S 8	5 53	6 19	4 46	0 50	3 56	8 56	0 9	5 1	0 58	1 27	1 7	20 9	1 34	18 26	0 36	10 7
M 9	5 30	2 23	4 19	1 24	3 44	9 25	0 12	4 46	0 58	1 32	1 7	20 9	1 34	18 25	0 36	10 7
T 10	5 8	1n39	3 41	2 0	3 31	9 55	0 16	4 30	0 57	1 37	1 7	20 10	1 34	18 24	0 36	10 8
W11	4 45	5 38	2 52	2 36	3 16	10 24	0 19	4 15	0 57	1 42	1 7	20 10	1 33	18 23	0 36	10 9
T 12	4 22	9 25	1 56	3 13	2 59	10 53	0 23	3 59	0 57	1 47	1 7	20 11	1 33	18 22	0 36	10 9
F 13	3 59	12 51	0 54	3 50	2 42	11 22	0 26	3 44	0 56	1 52	1 7	20 12	1 33	18 22	0 36	10 10
S 14	3 36	15 47	0s12	4 25	2 23	11 50	0 30	3 28	0 56	1 57	1 7	20 12	1 33	18 21	0 36	10 11
S 15	3 13	18 2	1 18	4 58	2 4	12 18	0 34	3 12	0 56	2 2	1 7	20 13	1 32	18 20	0 36	10 11
M16	2 50	19 26	2 21	5 29	1 44	12 46	0 37	2 57	0 55	2 7	1 7	20 14	1 32	18 19	0 36	10 12
T 17	2 27	19 52	3 20	5 57	1 24	13 14	0 41	2 41	0 55	2 12	1 7	20 15	1 32	18 19	0 36	10 13
W18	2 4	19 12	4 9	6 21	1 4	13 41	0 45	2 26	0 55	2 17	1 7	20 15	1 32	18 18	0 36	10 13
T 19	1 41	17 23	4 46	6 41	0 45	14 9	0 49	2 10	0 54	2 22	1 7	20 16	1 32	18 17	0 36	10 14
F 20	1 17	14 27	5 6	6 57	0 27	14 36	0 52	1 54	0 54	2 27	1 6	20 17	1 31	18 16	0 36	10 15
S 21	0 54	10 34	5 7	7 9	0 9	15 2	0 56	1 39	0 54	2 33	1 6	20 17	1 31	18 16	0 36	10 15
S 22	0 31	5 55	4 47	7 15	0n8	15 28	1 0	1 23	0 53	2 38	1 6	20 18	1 31	18 15	0 36	10 16
M23	0 7	0 51	4 7	7 18	0 23	15 54	1 4	1 7	0 53	2 43	1 6	20 19	1 31	18 14	0 36	10 17
T 24	0s16	4s16	3 10	7 15	0 38	16 20	1 7	0 51	0 53	2 48	1 6	20 20	1 31	18 13	0 36	10 17
W25	0 40	9 6	1 59	7 8	0 51	16 45	1 11	0 36	0 52	2 53	1 6	20 21	1 30	18 13	0 36	10 18
T 26	1 3	13 15	0 42	6 57	1 3	17 10	1 15	0 20	0 52	2 58	1 6	20 21	1 30	18 12	0 36	10 19
F 27	1 26	16 30	0n36	6 42	1 14	17 34	1 19	0 4	0 52	3 3	1 6	20 22	1 30	18 11	0 36	10 20
S 28	1 50	18 40	1 49	6 23	1 23	17 58	1 22	0s12	0 51	3 8	1 6	20 23	1 30	18 11	0 37	10 20
S 29	2 13	19 42	2 54	6 0	1 31	18 22	1 26	0 28	0 51	3 13	1 6	20 24	1 30	18 10	0 37	10 21
M30	2s36	19s38	3n48	5n34	1n38	18s45	1s30	0s43	0n51	3s18	1n6	20s25	1n30	18n10	0n37	10s22

Julian Day Number = 2436082.5, Delta T = 32.00 sec  
 Ecliptic obliquity = 23°26'35", Nutation = 0°00'13", out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°08'56", Lahiri = 23°15'57"

# ASTRODIENST EPHEMERIS for the year 1957

## geocentric

OCTOBER 1957

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 37 51	7♂32°54	10♂31	21♂11	19♂34	4♂25	11♂8	9♂38	10♂41	1♂25	1♂21	11°R 5	12♂15	14♂13	12°R30	T 1
W 2	0 41 47	8°31'55	22°52	22°41	20°44	5° 4	11°21	9°42	10°43	1°28	1°22	11♂4	12°12	14°20	12°28	W 2
T 3	0 45 44	9°30'59	5♂0	24°16	21°53	5°43	11°34	9°47	10°45	1°30	1°24	11° 2	12° 9	14°27	12°27	T 3
F 4	0 49 40	10°30'03	16°59	25°52	23° 2	6°22	11°47	9°51	10°48	1°32	1°26	10°58	12° 6	14°34	12°26	F 4
S 5	0 53 37	11°29'10	28°52	27°32	24°12	7° 1	12° 0	9°56	10°50	1°34	1°27	10°53	12° 3	14°40	12°25	S 5
S 6	0 57 33	12°28'18	10♂43	29°13	25°21	7°40	12°13	10° 1	10°52	1°36	1°29	10°48	12° 0	14°47	12°24	S 6
M 7	1 1 30	13°27'29	22°35	0♂55	26°30	8°19	12°26	10° 6	10°54	1°38	1°30	10°43	11°56	14°54	12°23	M 7
T 8	1 5 26	14°26'41	4♂30	2°38	27°39	8°58	12°39	10°11	10°56	1°40	1°32	10°39	11°53	15° 0	12°22	T 8
W 9	1 9 23	15°25'55	16°29	4°23	28°48	9°37	12°52	10°16	10°58	1°42	1°34	10°36	11°50	15° 7	12°21	W 9
T 10	1 13 20	16°25'12	28°35	6° 7	29°56	10°17	13° 5	10°21	11° 0	1°45	1°35	10°34	11°47	15°14	12°20	T 10
F 11	1 17 16	17°24'30	10♂49	7°52	1♂5	10°56	13°18	10°26	11° 2	1°47	1°37	10°D33	11°44	15°20	12°19	F 11
S 12	1 21 13	18°23'51	23°12	9°38	2°14	11°35	13°31	10°31	11° 4	1°49	1°38	10°34	11°40	15°27	12°19	S 12
S 13	1 25 9	19°23'14	5♂47	11°23	3°22	12°14	13°44	10°36	11° 6	1°51	1°39	10°35	11°37	15°34	12°18	S 13
M14	1 29 6	20°22'39	18°37	13° 8	4°30	12°54	13°57	10°41	11° 8	1°53	1°41	10°37	11°34	15°41	12°17	M14
T 15	1 33 2	21°22'07	1♂42	14°52	5°38	13°33	14°10	10°47	11°10	1°56	1°42	10°38	11°31	15°47	12°17	T 15
W16	1 36 59	22°21'36	15° 7	16°37	6°46	14°12	14°23	10°52	11°12	1°58	1°44	10°39	11°28	15°54	12°17	W16
T 17	1 40 55	23°21'08	28°51	18°20	7°54	14°52	14°36	10°58	11°13	2° 0	1°45	10°R39	11°25	16° 1	12°16	T 17
F 18	1 44 52	24°20'43	12♂56	20° 4	9° 2	15°31	14°49	11° 3	11°15	2° 2	1°46	10°38	11°21	16° 7	12°16	F 18
S 19	1 48 48	25°20'20	27°20	21°47	10°10	16°10	15° 1	11° 9	11°17	2° 4	1°48	10°37	11°18	16°14	12°16	S 19
S 20	1 52 45	26°19'58	12♂0	23°29	11°17	16°50	15°14	11°14	11°18	2° 7	1°49	10°35	11°15	16°21	12°16	S 20
M21	1 56 42	27°19'40	26°52	25°11	12°25	17°29	15°27	11°20	11°20	2° 9	1°50	10°33	11°12	16°27	12°15	M21
T 22	2 0 38	28°19'23	11♂47	26°52	13°32	18° 9	15°40	11°26	11°21	2°11	1°52	10°32	11° 9	16°34	12°D15	T 22
W23	2 4 35	29°19'08	26°37	28°33	14°39	18°48	15°53	11°32	11°22	2°13	1°53	10°31	11° 6	16°41	12°15	W23
T 24	2 8 31	0♂18'56	11♂15	0♂13	15°46	19°28	16° 6	11°38	11°24	2°16	1°54	10°D31	11° 2	16°47	12°16	T 24
F 25	2 12 28	1°18'45	25°34	1°53	16°53	20° 8	16°18	11°44	11°25	2°18	1°55	10°31	10°59	16°54	12°16	F 25
S 26	2 16 24	2°18'37	9♂30	3°32	18° 0	20°47	16°31	11°49	11°26	2°20	1°56	10°32	10°56	17° 1	12°16	S 26
S 27	2 20 21	3°18'30	23° 2	5°10	19° 6	21°27	16°44	11°56	11°28	2°22	1°57	10°32	10°53	17° 8	12°16	S 27
M28	2 24 17	4°18'24	6♂8	6°48	20°13	22° 7	16°57	12° 2	11°29	2°25	1°59	10°33	10°50	17°14	12°17	M28
T 29	2 28 14	5°18'21	18°51	8°26	21°19	22°46	17° 9	12° 8	11°30	2°27	2° 0	10°33	10°46	17°21	12°17	T 29
W30	2 32 11	6°18'19	1♂16	10° 2	22°25	23°26	17°22	12°14	11°31	2°29	2° 1	10°R34	10°43	17°28	12°18	W30
T 31	2 36 7	7♂18'19	13♂25	11♂39	23♂31	24♂6	17♂35	12♂20	11♂32	2♂31	2♂2	10♂34	10♂40	17♂34	12♂18	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	3s 0	18s33	4n29	5n 5	1n43	19s 8	1s33	0s59	0n50	3s23	1n 6	20s25	1n29	18n 9	0n37	10s23
W 2	3 23	16 37	4 57	4 33	1 48	19 30	1 37	1 15	0 50	3 28	1 6	20 26	1 29	18 8	0 37	10 23
T 3	3 46	13 59	5 11	3 59	1 51	19 52	1 41	1 31	0 50	3 34	1 6	20 27	1 29	18 8	0 37	10 24
F 4	4 9	10 48	5 11	3 23	1 54	20 13	1 44	1 46	0 49	3 39	1 6	20 28	1 29	18 7	0 37	10 25
S 5	4 33	7 13	4 57	2 45	1 55	20 34	1 48	2 2	0 49	3 44	1 6	20 29	1 29	18 6	0 37	10 26
S 6	4 56	3 22	4 31	2 5	1 56	20 55	1 52	2 18	0 48	3 49	1 6	20 30	1 28	18 6	0 37	10 26
M 7	5 19	0n38	3 53	1 24	1 55	21 14	1 55	2 34	0 48	3 54	1 6	20 31	1 28	18 5	0 37	10 27
T 8	5 42	4 37	3 5	0 42	1 54	21 34	1 59	2 50	0 48	3 59	1 6	20 32	1 28	18 5	0 37	10 28
W 9	6 5	8 28	2 9	0s 1	1 53	21 53	2 2	3 5	0 47	4 4	1 6	20 32	1 28	18 4	0 37	10 29
T 10	6 27	12 0	3 5	0 45	1 50	22 11	2 6	3 21	0 47	4 9	1 6	20 33	1 28	18 4	0 37	10 29
F 11	6 50	15 3	0s 1	1 29	1 48	22 29	2 9	3 37	0 47	4 14	1 6	20 34	1 28	18 3	0 37	10 30
S 12	7 13	17 28	1 9	2 13	1 44	22 46	2 12	3 52	0 46	4 19	1 6	20 35	1 27	18 3	0 37	10 31
S 13	7 35	19 4	2 15	2 58	1 40	23 3	2 16	4 8	0 46	4 24	1 6	20 36	1 27	18 2	0 37	10 32
M14	7 58	19 43	3 15	3 42	1 36	23 19	2 19	4 24	0 45	4 29	1 6	20 37	1 27	18 2	0 37	10 32
T 15	8 20	19 20	4 6	4 27	1 32	23 35	2 22	4 39	0 45	4 34	1 6	20 38	1 27	18 1	0 37	10 33
W16	8 42	17 52	4 45	5 12	1 27	23 50	2 25	4 55	0 44	4 39	1 6	20 39	1 27	18 1	0 37	10 34
T 17	9 4	15 20	5 10	5 56	1 21	24 4	2 28	5 11	0 44	4 44	1 6	20 40	1 27	18 0	0 37	10 35
F 18	9 26	11 53	5 16	6 40	1 16	24 18	2 31	5 26	0 44	4 49	1 6	20 41	1 26	18 0	0 37	10 35
S 19	9 48	7 39	5 3	7 24	1 10	24 31	2 34	5 42	0 43	4 54	1 6	20 42	1 26	18 0	0 37	10 36
S 20	10 10	2 54	4 30	8 8	1 4	24 44	2 37	5 57	0 43	4 59	1 6	20 42	1 26	17 59	0 37	10 37
M21	10 31	2s 6	3 39	8 51	0 58	24 56	2 40	6 13	0 43	5 4	1 6	20 43	1 26	17 59	0 37	10 38
T 22	10 53	7 0	2 33	9 33	0 52	25 7	2 43	6 28	0 42	5 9	1 6	20 44	1 26	17 59	0 37	10 38
W23	11 14	11 27	1 16	10 15	0 46	25 18	2 45	6 43	0 42	5 14	1 7	20 45	1 26	17 58	0 37	10 39
T 24	11 35	15 9	0n 4	10 56	0 39	25 28	2 48	6 59	0 41	5 18	1 7	20 46	1 26	17 58	0 37	10 40
F 25	11 56	17 49	1 23	11 37	0 33	25 37	2 50	7 14	0 41	5 23	1 7	20 47	1 25	17 57	0 37	10 41
S 26	12 17	19 20	2 34	12 17	0 26	25 46	2 53	7 29	0 40	5 28	1 7	20 48	1 25	17 57	0 38	10 42
S 27	12 37	19 41	3 35	12 57	0 19	25 54	2 55	7 45	0 40	5 33	1 7	20 49	1 25	17 57	0 38	10 42
M28	12 57	18 56	4 22	13 35	0 13	26 2	2 57	8 0	0 40	5 38	1 7	20 50	1 25	17 57	0 38	10 43
T 29	13 18	17 15	4 55	14 13	0 6	26 9	3 0	8 15	0 39	5 43	1 7	20 51	1 25	17 56	0 38	10 44
W30	13 37	14 47	5 13	14 51	0s 1	26 15	3 2	8 30	0 39	5 47	1 7	20 52	1 25	17 56	0 38	10 45
T 31	13s57	11s44	5n17	15s27	0s 8	26s20	3s 4	8s45	0n38	5s52	1n 7	20s53	1n25	17n56	0n38	10s45

Julian Day Number = 2436112.5, Delta T = 32.05 sec  
 Ecliptic obliquity = 23°26'35", Nutation = 0°00'11", out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°09'01", Lahiri = 23°16'01"

ASTRODIENST EPHEMERIS for the year 1957  
geocentric

NOVEMBER 1957

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 40 4	8♉18'20	25♊23	13♉15	24♊36	24♊46	17♊47	12♊26	11♊33	2♉34	2♉3	10°R34	10♉37	17♊41	12♊19	F 1
S 2	2 44 0	9°18'23	7♊16	14°50	25°41	25°25	18° 0	12°33	11°34	2°36	2° 4	10♉33	10°34	17°48	12°20	S 2
S 3	2 47 57	10°18'27	19° 7	16°25	26°47	26° 5	18°12	12°39	11°34	2°38	2° 5	10°D33	10°31	17°54	12°20	S 3
M 4	2 51 53	11°18'33	1° 0	18° 0	27°52	26°45	18°25	12°45	11°35	2°40	2° 6	10°33	10°27	18° 1	12°21	M 4
T 5	2 55 50	12°18'41	12°58	19°34	28°56	27°25	18°37	12°52	11°36	2°43	2° 7	10°33	10°24	18° 8	12°22	T 5
W 6	2 59 46	13°18'50	25° 5	21° 8	0♈ 1	28° 5	18°50	12°58	11°36	2°45	2° 7	10°34	10°21	18°15	12°23	W 6
T 7	3 3 43	14°19'01	7♈23	22°41	1° 5	28°45	19° 2	13° 5	11°37	2°47	2° 8	10°R34	10°18	18°21	12°24	T 7
F 8	3 7 40	15°19'14	19°53	24°14	2° 9	29°25	19°14	13°11	11°38	2°49	2° 9	10°34	10°15	18°28	12°25	F 8
S 9	3 11 36	16°19'29	2♉35	25°47	3°12	0♉ 5	19°27	13°18	11°38	2°51	2°10	10°33	10°11	18°35	12°26	S 9
S 10	3 15 33	17°19'46	15°31	27°19	4°16	0°45	19°39	13°24	11°39	2°54	2°11	10°33	10° 8	18°41	12°28	S 10
M 11	3 19 29	18°20'04	28°41	28°51	5°19	1°25	19°51	13°31	11°39	2°56	2°11	10°32	10° 5	18°48	12°29	M 11
T 12	3 23 26	19°20'24	12♈ 3	0♊23	6°22	2° 5	20° 3	13°38	11°39	2°58	2°12	10°31	10° 2	18°55	12°30	T 12
W 13	3 27 22	20°20'47	25°39	1°54	7°24	2°45	20°15	13°44	11°40	3° 0	2°13	10°30	9°59	19° 1	12°32	W 13
T 14	3 31 19	21°21'11	9♉27	3°25	8°27	3°26	20°27	13°51	11°40	3° 2	2°13	10°29	9°56	19° 8	12°33	T 14
F 15	3 35 15	22°21'37	23°27	4°56	9°28	4° 6	20°39	13°58	11°40	3° 4	2°14	10°D29	9°52	19°15	12°35	F 15
S 16	3 39 12	23°22'05	7♉38	6°26	10°30	4°46	20°51	14° 5	11°40	3° 7	2°14	10°29	9°49	19°21	12°37	S 16
S 17	3 43 9	24°22'35	21°57	7°57	11°31	5°26	21° 3	14°11	11°R40	3° 9	2°15	10°30	9°46	19°28	12°38	S 17
M 18	3 47 5	25°23'06	6♉22	9°26	12°32	6° 7	21°15	14°18	11°40	3°11	2°16	10°31	9°43	19°35	12°40	M 18
T 19	3 51 2	26°23'40	20°49	10°56	13°33	6°47	21°27	14°25	11°40	3°13	2°16	10°32	9°40	19°42	12°42	T 19
W 20	3 54 58	27°24'15	5♉13	12°25	14°33	7°27	21°39	14°32	11°40	3°15	2°17	10°R33	9°37	19°48	12°44	W 20
T 21	3 58 55	28°24'52	19°30	13°53	15°32	8° 8	21°50	14°39	11°40	3°17	2°17	10°33	9°33	19°55	12°46	T 21
F 22	4 2 51	29°25'30	3♊35	15°22	16°32	8°48	22° 2	14°46	11°39	3°19	2°17	10°32	9°30	20° 2	12°48	F 22
S 23	4 6 48	0♊26'10	17°22	16°49	17°31	9°29	22°13	14°53	11°39	3°21	2°18	10°29	9°27	20° 8	12°50	S 23
S 24	4 10 44	1°26'51	0♈50	18°16	18°29	10° 9	22°25	15° 0	11°39	3°23	2°18	10°26	9°24	20°15	12°52	S 24
M 25	4 14 41	2°27'33	13°57	19°43	19°27	10°50	22°36	15° 7	11°38	3°25	2°18	10°23	9°21	20°22	12°54	M 25
T 26	4 18 38	3°28'17	26°43	21° 9	20°24	11°30	22°48	15°14	11°38	3°27	2°19	10°20	9°17	20°28	12°56	T 26
W 27	4 22 34	4°29'01	9♊10	22°34	21°21	12°11	22°59	15°21	11°37	3°29	2°19	10°17	9°14	20°35	12°59	W 27
T 28	4 26 31	5°29'47	21°22	23°58	22°18	12°51	23°10	15°28	11°37	3°31	2°19	10°14	9°11	20°42	13° 1	T 28
F 29	4 30 27	6°30'34	3♋21	25°21	23°14	13°32	23°21	15°35	11°36	3°33	2°19	10°D14	9° 8	20°48	13° 3	F 29
S 30	4 34 24	7♊31'21	15♋14	26♊43	24♈ 9	14♉13	23♊32	15♊42	11♉36	3♉35	2♉19	10♉14	9♉ 5	20♋55	13♊ 6	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14s17	8s14	5n 7	16s 3	0s14	26s25	3s 5	9s 0	0n38	5s57	1n 7	20s54	1n24	17n56	0n38	F 1
S 2	14 36	4 27	4 44	16 38	0 21	26 29	3 7	9 15	0 37	6 2	1 7	20 55	1 24	17 55	0 38	S 2
S 3	14 55	0 30	4 9	17 12	0 28	26 33	3 9	9 30	0 37	6 6	1 7	20 55	1 24	17 55	0 38	S 3
M 4	15 14	3n30	3 23	17 45	0 34	26 36	3 10	9 45	0 37	6 11	1 7	20 56	1 24	17 55	0 38	M 4
T 5	15 32	7 23	2 27	18 17	0 41	26 38	3 12	10 0	0 36	6 16	1 7	20 57	1 24	17 55	0 38	T 5
W 6	15 50	11 2	1 25	18 48	0 47	26 39	3 13	10 14	0 36	6 20	1 7	20 58	1 24	17 55	0 38	W 6
T 7	16 8	14 15	0 18	19 19	0 54	26 40	3 14	10 29	0 35	6 25	1 7	20 59	1 24	17 55	0 38	T 7
F 8	16 26	16 53	0s51	19 48	1 0	26 41	3 15	10 44	0 35	6 30	1 7	21 0	1 24	17 55	0 38	F 8
S 9	16 43	18 44	1 59	20 17	1 6	26 40	3 16	10 58	0 34	6 34	1 7	21 1	1 23	17 54	0 38	S 9
S 10	17 1	19 38	3 2	20 44	1 12	26 39	3 17	11 13	0 34	6 39	1 8	21 2	1 23	17 54	0 38	S 10
M 11	17 17	19 30	3 56	21 11	1 18	26 37	3 17	11 27	0 33	6 43	1 8	21 3	1 23	17 54	0 38	M 11
T 12	17 34	18 16	4 39	21 36	1 24	26 35	3 18	11 41	0 33	6 48	1 8	21 4	1 23	17 54	0 38	T 12
W 13	17 50	16 0	5 6	22 0	1 29	26 32	3 18	11 55	0 32	6 52	1 8	21 5	1 23	17 54	0 38	W 13
T 14	18 6	12 48	5 17	22 24	1 35	26 28	3 18	12 10	0 32	6 57	1 8	21 6	1 23	17 54	0 38	T 14
F 15	18 22	8 50	5 9	22 46	1 40	26 24	3 18	12 24	0 31	7 1	1 8	21 6	1 23	17 54	0 38	F 15
S 16	18 37	4 20	4 42	23 7	1 45	26 19	3 18	12 38	0 31	7 6	1 8	21 7	1 23	17 54	0 38	S 16
S 17	18 52	0s27	3 58	23 27	1 50	26 14	3 18	12 52	0 30	7 10	1 8	21 8	1 23	17 54	0 38	S 17
M 18	19 7	5 15	2 58	23 45	1 55	26 8	3 17	13 5	0 30	7 14	1 8	21 9	1 23	17 54	0 38	M 18
T 19	19 21	9 47	1 47	24 3	1 59	26 1	3 17	13 19	0 29	7 19	1 8	21 10	1 22	17 54	0 39	T 19
W 20	19 35	13 44	0 29	24 19	2 3	25 54	3 16	13 33	0 29	7 23	1 8	21 11	1 22	17 54	0 39	W 20
T 21	19 49	16 49	0n49	24 48	2 7	25 46	3 15	13 46	0 28	7 27	1 8	21 12	1 22	17 55	0 39	T 21
F 22	20 2	18 51	2 4	24 34	2 11	25 38	3 14	14 0	0 28	7 31	1 9	21 13	1 22	17 55	0 39	F 22
S 23	20 15	19 42	3 9	25 1	2 14	25 29	3 13	14 13	0 27	7 36	1 9	21 14	1 22	17 55	0 39	S 23
S 24	20 27	19 24	4 3	25 12	2 17	25 19	3 11	14 26	0 27	7 40	1 9	21 14	1 22	17 55	0 39	S 24
M 25	20 39	18 2	4 42	25 21	2 19	25 9	3 9	14 40	0 26	7 44	1 9	21 15	1 22	17 55	0 39	M 25
T 26	20 51	15 49	5 6	25 30	2 21	24 59	3 7	14 53	0 26	7 48	1 9	21 16	1 22	17 55	0 39	T 26
W 27	21 2	12 54	5 14	25 37	2 23	24 48	3 5	15 6	0 25	7 52	1 9	21 17	1 22	17 55	0 39	W 27
T 28	21 13	9 30	5 9	25 43	2 24	24 36	3 3	15 18	0 25	7 56	1 9	21 18	1 22	17 56	0 39	T 28
F 29	21 24	5 47	4 49	25 47	2 25	24 25	3 1	15 31	0 24	8 0	1 9	21 19	1 22	17 56	0 39	F 29
S 30	21s34	1s51	4n18	25s50	2s26	24s12	2s58	15s44	0n24	8s 4	1n 9	21s19	1n22	17n56	0n39	S 30

Julian Day Number = 2436143.5, Delta T = 32.09 sec  
Ecliptic obliquity = 23°26'34, Nutation = 0°00'10, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 24°09'05, Lahiri = 23°16'05

# ASTRODIENST EPHEMERIS for the year 1957

## geocentric

DECEMBER 1957

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 38 20	8°32'10	27°44' 4	28°47' 4	25°38' 4	14°53' 53	23°43' 43	15°47' 49	11°35' 35	3°37' 37	2°20' 20	10°15' 15	9°15' 15	21°42' 42	13°44' 44	S 1
M 2	4 42 17	9°32'59	8°57'57	29°23' 29	25°58' 25	15°34' 15	23°54' 23	15°56' 15	11°34' 11	3°39' 39	2°20' 20	10°17' 10	8°58' 8	21°42' 21	13°11' 11	M 2
T 3	4 46 13	10°33'49	20°58' 0	26°51' 26	16°15' 16	24°5' 24	16°3' 16	11°33' 11	3°41' 3	2°20' 20	10°19' 10	8°55' 8	21°15' 15	13°13' 13	T 3	
W 4	4 50 10	11°34'40	3°11' 1	1°56' 27	27°44' 27	16°56' 16	24°15' 24	16°10' 16	11°32' 11	3°43' 3	2°20' 20	10°20' 10	8°52' 8	21°22' 22	13°16' 16	W 4
T 5	4 54 7	12°35'33	15°38' 3	9°28' 36	17°37' 17	24°26' 24	16°17' 16	11°31' 11	3°45' 3	2°20' 20	10°20' 20	8°49' 8	21°29' 29	13°19' 19	T 5	
F 6	4 58 3	13°36'26	28°23' 4	19°29' 27	18°18' 18	24°37' 24	16°24' 16	11°30' 11	3°46' 3	2°20' 20	10°18' 10	8°46' 8	21°35' 35	13°22' 22	F 6	
S 7	5 2 0	14°37'20	11°26' 11	5°27' 0	18°58' 18	24°47' 24	16°31' 16	11°29' 11	3°48' 3	2°20' 20	10°15' 10	8°43' 8	21°42' 42	13°25' 25	S 7	
S 8	5 5 56	15°38'15	24°47' 6	6°30' 1° 8	19°39' 19	24°57' 24	16°38' 16	11°28' 11	3°50' 3	2°20' 20	10°11' 10	8°39' 8	21°49' 49	13°27' 27	S 8	
M 9	5 9 53	16°39'11	8°23' 7	30' 1° 8	20°20' 20	25°8' 25	16°45' 16	11°27' 11	3°52' 3	2°19' 19	10°5' 5	8°36' 6	21°55' 55	13°30' 30	M 9	
T 10	5 13 49	17°40'08	22°13' 8	8°24' 2° 45	21°1' 25	25°18' 25	16°52' 16	11°26' 11	3°54' 3	2°19' 19	9°58' 58	8°33' 33	22°2' 22	13°33' 33	T 10	
W 11	5 17 46	18°41'06	6°12' 9	9°14' 3° 32	21°42' 21	25°28' 25	17°0' 17	11°25' 11	3°55' 3	2°19' 19	9°52' 52	8°30' 30	22°9' 9	13°36' 36	W 11	
T 12	5 21 42	19°42'05	20°18' 9	9°57' 4° 18	22°23' 22	25°38' 25	17°7' 17	11°23' 11	3°57' 3	2°19' 19	9°48' 48	8°27' 27	22°15' 15	13°40' 40	T 12	
F 13	5 25 39	20°43'06	4°26' 10	33' 5° 3	23°5' 23	25°48' 25	17°14' 17	11°22' 11	3°59' 3	2°19' 19	9°44' 44	8°23' 23	22°22' 22	13°43' 43	F 13	
S 14	5 29 36	21°44'07	18°35' 11	1°5' 48	23°46' 23	25°58' 25	17°21' 17	11°21' 11	4°0' 0	2°18' 18	9°43' 43	8°20' 20	22°29' 29	13°46' 46	S 14	
S 15	5 33 32	22°45'09	2°43' 11	11°21' 6° 31	24°27' 24	26°7' 26	17°28' 17	11°19' 11	4°2' 2	2°18' 18	9°44' 44	8°17' 17	22°35' 35	13°49' 49	S 15	
M 16	5 37 29	23°46'12	16°48' 11	1°31' 7	25°8' 25	26°17' 17	17°35' 17	11°18' 11	4°4' 4	2°18' 18	9°45' 45	8°14' 14	22°42' 42	13°52' 52	M 16	
T 17	5 41 25	24°47'17	0°49' 11	30' 7° 54	25°49' 25	26°27' 26	17°42' 17	11°16' 11	4°5' 5	2°17' 17	9°46' 46	8°11' 11	22°49' 49	13°56' 56	T 17	
W 18	5 45 22	25°48'22	14°45' 11	19' 8° 34	26°31' 26	26°36' 26	17°49' 17	11°15' 11	4°7' 7	2°17' 17	9°46' 46	8°8' 8	22°55' 55	13°59' 59	W 18	
T 19	5 49 18	26°49'28	28°34' 10	56' 9° 13	27°12' 27	26°45' 26	17°56' 17	11°13' 11	4°8' 8	2°17' 17	9°45' 45	8°4' 4	23°2' 2	14°3' 3	T 19	
F 20	5 53 15	27°50'35	12°13' 10	21' 9° 50	27°53' 27	26°54' 26	18°3' 18	11°12' 11	4°10' 10	2°16' 16	9°40' 40	8°1' 1	23°9' 9	14°6' 6	F 20	
S 21	5 57 11	28°51'43	25°41' 9	9°35' 10° 26	28°35' 28	27°3' 27	18°10' 18	11°10' 11	4°11' 11	2°16' 16	9°34' 34	7°58' 58	23°16' 16	14°9' 9	S 21	
S 22	6 1 8	29°52'51	8°55' 8	38' 11° 1	29°16' 29	27°12' 27	18°17' 18	11°8' 11	4°13' 13	2°15' 15	9°26' 26	7°55' 55	23°22' 22	14°13' 13	S 22	
M 23	6 5 5	0°53'59	21°53' 7	31' 11° 34	29°57' 29	27°21' 27	18°24' 18	11°6' 11	4°14' 14	2°15' 15	9°16' 16	7°52' 52	23°29' 29	14°17' 17	M 23	
T 24	6 9 1	1°55'08	4°34' 6	17' 12° 6	0°39' 27	27°30' 27	18°31' 18	11°4' 11	4°16' 16	2°14' 14	9°6' 6	7°49' 49	23°36' 36	14°20' 20	T 24	
W 25	6 12 58	2°56'16	16°59' 4	58' 12° 36	1°20' 27	27°39' 27	18°38' 18	11°3' 11	4°17' 17	2°13' 13	8°57' 57	7°45' 45	23°42' 42	14°24' 24	W 25	
T 26	6 16 54	3°57'25	29°9' 3	36' 13° 5	2°2' 27	27°47' 27	18°45' 18	11°1' 11	4°18' 18	2°13' 13	8°49' 49	7°42' 42	23°49' 49	14°28' 28	T 26	
F 27	6 20 51	4°58'34	11°8' 8	14' 13° 32	2°43' 27	27°55' 27	18°52' 18	10°59' 59	4°20' 20	2°12' 12	8°43' 43	7°39' 39	23°56' 56	14°31' 31	F 27	
S 28	6 24 47	5°59'43	23°0' 0	0°55' 13° 57	3°25' 28	28°4' 28	18°59' 18	10°57' 57	4°21' 21	2°11' 11	8°40' 40	7°36' 36	24°2' 2	14°35' 35	S 28	
S 29	6 28 44	7°0'52	4°49' 29	29°41' 14	14°20' 14	4°7' 28	28°12' 12	19°6' 6	10°55' 55	4°22' 22	8°39' 39	7°33' 33	24°9' 9	14°39' 39	S 29	
M 30	6 32 41	8°2'01	16°41' 28	34' 14° 41	4°48' 28	28°20' 20	19°13' 13	10°53' 53	4°23' 23	2°10' 10	8°39' 39	7°29' 29	24°16' 16	14°43' 43	M 30	
T 31	6 36 37	9°3'10	28°41' 27	35' 15° 1	5°30' 28	28°27' 28	19°20' 20	10°51' 51	4°25' 25	2°9' 9	8°38' 38	7°26' 26	24°22' 22	14°47' 47	T 31	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	21s44	2n 8	3n35	25s51	2s25	23s59	2s55	15s56	0n23	8s 8	1n10	21s20	1n21	17n56	0n39	S 1
M 2	21 53	6 3	2 44	25 51	2 25	23 46	2 52	16 9	0 23	8 12	1 10	21 21	1 21	17 56	0 39	M 2
T 3	22 2	9 48	1 44	25 50	2 23	23 33	2 48	16 21	0 22	8 16	1 10	21 22	1 21	17 57	0 39	T 3
W 4	22 11	13 11	0 39	25 47	2 21	23 19	2 45	16 33	0 22	8 19	1 10	21 23	1 21	17 57	0 39	W 4
T 5	22 19	16 4	0s29	25 43	2 18	23 4	2 41	16 45	0 21	8 23	1 10	21 23	1 21	17 57	0 39	T 5
F 6	22 26	18 13	1 37	25 37	2 15	22 50	2 37	16 57	0 20	8 27	1 10	21 24	1 21	17 58	0 39	F 6
S 7	22 33	19 29	2 42	25 30	2 10	22 34	2 33	17 9	0 20	8 31	1 10	21 25	1 21	17 58	0 39	S 7
S 8	22 40	19 42	3 39	25 22	2 5	22 19	2 28	17 20	0 19	8 34	1 10	21 26	1 21	17 58	0 39	S 8
M 9	22 46	18 47	4 24	25 12	1 59	22 3	2 23	17 32	0 19	8 38	1 11	21 26	1 21	17 59	0 39	M 9
T 10	22 52	16 45	4 56	25 2	1 51	21 47	2 18	17 43	0 18	8 41	1 11	21 27	1 21	17 59	0 39	T 10
W 11	22 58	13 43	5 10	24 50	1 43	21 31	2 13	17 55	0 18	8 45	1 11	21 28	1 21	17 59	0 39	W 11
T 12	23 3	9 54	5 5	24 37	1 33	21 15	2 7	18 6	0 17	8 48	1 11	21 29	1 21	18 0	0 39	T 12
F 13	23 7	5 30	4 42	24 24	1 22	20 58	2 1	18 17	0 16	8 52	1 11	21 29	1 21	18 0	0 39	F 13
S 14	23 11	0 48	4 2	24 9	1 10	20 41	1 55	18 28	0 16	8 55	1 11	21 30	1 21	18 1	0 39	S 14
S 15	23 15	3s57	3 7	23 54	0 57	20 24	1 49	18 38	0 15	8 59	1 11	21 31	1 21	18 1	0 40	S 15
M 16	23 18	8 28	2 1	23 39	0 42	20 7	1 42	18 49	0 15	9 2	1 12	21 32	1 21	18 1	0 40	M 16
T 17	23 20	12 31	0 48	23 23	0 26	19 49	1 35	18 59	0 14	9 5	1 12	21 32	1 21	18 2	0 40	T 17
W 18	23 23	15 50	0n27	23 7	0 9	19 32	1 28	19 9	0 14	9 9	1 12	21 33	1 20	18 2	0 40	W 18
T 19	23 24	18 13	1 40	22 50	0n 9	19 14	1 20	19 20	0 13	9 12	1 12	21 34	1 20	18 3	0 40	T 19
F 20	23 25	19 31	2 46	22 34	0 29	18 57	1 12	19 30	0 12	9 15	1 12	21 34	1 20	18 3	0 40	F 20
S 21	23 26	19 41	3 42	22 18	0 48	18 39	1 4	19 39	0 12	9 18	1 12	21 35	1 20	18 4	0 40	S 21
S 22	23 27	18 45	4 24	22 2	1 8	18 21	0 55	19 49	0 11	9 21	1 13	21 36	1 20	18 4	0 40	S 22
M 23	23 26	16 51	4 52	21 46	1 28	18 3	0 46	19 58	0 10	9 24	1 13	21 36	1 20	18 5	0 40	M 23
T 24	23 26	14 11	5 5	21 31	1 47	17 45	0 37	20 8	0 10	9 27	1 13	21 37	1 20	18 5	0 40	T 24
W 25	23 25	10 56	5 3	21 16	2 5	17 28	0 27	20 17	0 9	9 30	1 13	21 37	1 20	18 6	0 40	W 25
T 26	23 23	7 17	4 47	21 3	2 21	17 10	0 17	20 26	0 9	9 33	1 13	21 38	1 20	18 6	0 40	T 26
F 27	23 21	3 24	4 19	20 50	2 35	16 52	0 7	20 35	0 8	9 36	1 13	21 39	1 20	18 7	0 40	F 27
S 28	23 18	0n35	3 40	20 39	2 47	16 35	0n 4	20 43	0 7	9 38	1 14	21 39	1 20	18 8	0 40	S 28
S 29	23 15	4 32	2 51	20 30	2 57	16 18	0 15	20 52	0 7	9 41	1 14	21 40	1 20	18 8	0 40	S 29
M 30	23 12	8 20	1 55	20 22	3 4	16 1	0 26	21 0	0 6	9 44	1 14	21 40	1 20	18 9	0 40	M 30
T 31	23s 8	11n50	0n53	20s17	3n 8	15s44	0n38	21s 8	0n 5	9s46	1n14	21s41	1n20	18n 9	0n40	T 31

Julian Day Number = 2436173.5, Delta T = 32.14 sec  
 Ecliptic obliquity = 23°26'34", Nutation = 0°00'10", out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°09'09", Lahiri = 23°16'09"