



Astrodienst Ephemeris Tables for the year 1547

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 1547

geocentric

JANUARY 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 18 13	20 ³ 2'41	15 ⁸ 22	29 ³ 24	7 ⁷ 4	20 ⁷ 31	12 ² 38	29 ⁷ 35	18 ⁰ 58	26 ⁷ 50	21 ² 14	7 ⁷ 29	6 ⁷ 3	12 ² 3	9 ⁰ 10	S 1
S 2	7 22 9	21 ⁰ 3'47	29 ⁰ 16	1 ² 6	8 ⁰ 2	21 ⁰ 4	12 ⁰ 52	29 ⁰ 42	18 ⁰ 57	26 ⁰ 50	21 ⁰ 15	7 ⁰ 30	6 ⁰ 0	12 ⁰ 9	9 ⁰ 11	S 2
M 3	7 26 6	22 ⁰ 4'52	13 ¹¹ 2	2 ⁰ 48	9 ⁰ 0	21 ⁰ 38	13 ⁰ 6	29 ⁰ 49	18 ⁰ 56	26 ⁰ 50	21 ⁰ 17	7 ⁰ 30	5 ⁰ 57	12 ⁰ 16	9 ⁰ 5	M 3
T 4	7 30 2	23 ⁰ 5'56	26 ⁰ 40	4 ⁰ 29	9 ⁰ 57	22 ⁰ 12	13 ⁰ 20	29 ⁰ 56	18 ⁰ 55	26 ⁰ 50	21 ⁰ 18	7 ⁰ 29	5 ⁰ 54	12 ⁰ 23	9 ⁰ 2	T 4
W 5	7 33 59	24 ⁰ 7'00	10 ¹⁰ 7	6 ⁰ 10	10 ⁰ 53	22 ⁰ 46	13 ⁰ 34	0 ⁰ 3	18 ⁰ 53	26 ⁰ 51	21 ⁰ 20	7 ⁰ 25	5 ⁰ 51	12 ⁰ 30	9 ⁰ 0	W 5
T 6	7 37 56	25 ⁰ 8'03	23 ⁰ 22	7 ⁰ 51	11 ⁰ 49	23 ⁰ 20	13 ⁰ 48	0 ⁰ 9	18 ⁰ 52	26 ⁰ 51	21 ⁰ 22	7 ⁰ 18	5 ⁰ 47	12 ⁰ 36	8 ⁰ 58	T 6
F 7	7 41 52	26 ⁰ 9'05	6 ⁰ 24	9 ⁰ 32	12 ⁰ 44	23 ⁰ 54	14 ⁰ 2	0 ⁰ 16	18 ⁰ 51	26 ⁰ 51	21 ⁰ 23	7 ⁰ 10	5 ⁰ 44	12 ⁰ 43	8 ⁰ 56	F 7
S 8	7 45 49	27 ⁰ 10'06	19 ⁰ 10	11 ⁰ 11	13 ⁰ 39	24 ⁰ 28	14 ⁰ 16	0 ⁰ 22	18 ⁰ 50	26 ⁰ 51	21 ⁰ 25	7 ⁰ 0	5 ⁰ 41	12 ⁰ 50	8 ⁰ 53	S 8
S 9	7 49 45	28 ⁰ 11'07	1 ⁰ 41	12 ⁰ 50	14 ⁰ 33	25 ⁰ 3	14 ⁰ 30	0 ⁰ 29	18 ⁰ 49	26 ⁰ 52	21 ⁰ 26	6 ⁰ 51	5 ⁰ 38	12 ⁰ 56	8 ⁰ 51	S 9
M10	7 53 42	29 ⁰ 12'06	13 ⁰ 58	14 ⁰ 27	15 ⁰ 26	25 ⁰ 37	14 ⁰ 44	0 ⁰ 35	18 ⁰ 47	26 ⁰ 52	21 ⁰ 28	6 ⁰ 42	5 ⁰ 35	13 ⁰ 3	8 ⁰ 49	M10
T 11	7 57 38	0 ⁰ 13'05	26 ⁰ 3	16 ⁰ 2	16 ⁰ 19	26 ⁰ 12	14 ⁰ 58	0 ⁰ 42	18 ⁰ 46	26 ⁰ 53	21 ⁰ 30	6 ⁰ 34	5 ⁰ 31	13 ⁰ 10	8 ⁰ 48	T 11
W12	8 1 35	1 ⁰ 14'04	7 ⁰ 59	17 ⁰ 35	17 ⁰ 10	26 ⁰ 46	15 ⁰ 12	0 ⁰ 48	18 ⁰ 44	26 ⁰ 53	21 ⁰ 31	6 ⁰ 29	5 ⁰ 28	13 ⁰ 16	8 ⁰ 46	W12
T 13	8 5 31	2 ⁰ 15'02	19 ⁰ 49	19 ⁰ 5	18 ⁰ 1	27 ⁰ 21	15 ⁰ 27	0 ⁰ 54	18 ⁰ 43	26 ⁰ 54	21 ⁰ 33	6 ⁰ 26	5 ⁰ 25	13 ⁰ 23	8 ⁰ 44	T 13
F 14	8 9 28	3 ⁰ 15'58	1 ⁰ 35	20 ⁰ 32	18 ⁰ 52	27 ⁰ 56	15 ⁰ 41	1 ⁰ 1	18 ⁰ 41	26 ⁰ 54	21 ⁰ 34	6 ⁰ 25	5 ⁰ 22	13 ⁰ 30	8 ⁰ 42	F 14
S 15	8 13 25	4 ⁰ 16'55	13 ⁰ 35	21 ⁰ 56	19 ⁰ 41	28 ⁰ 31	15 ⁰ 55	1 ⁰ 7	18 ⁰ 40	26 ⁰ 55	21 ⁰ 36	6 ⁰ 25	5 ⁰ 19	13 ⁰ 37	8 ⁰ 41	S 15
S 16	8 17 21	5 ⁰ 17'50	25 ⁰ 40	23 ⁰ 15	20 ⁰ 29	29 ⁰ 6	16 ⁰ 9	1 ⁰ 13	18 ⁰ 38	26 ⁰ 55	21 ⁰ 38	6 ⁰ 26	5 ⁰ 16	13 ⁰ 43	8 ⁰ 39	S 16
M17	8 21 18	6 ⁰ 18'45	8 ⁰ 1	24 ⁰ 28	21 ⁰ 17	29 ⁰ 41	16 ⁰ 24	1 ⁰ 20	18 ⁰ 36	26 ⁰ 56	21 ⁰ 39	6 ⁰ 26	5 ⁰ 12	13 ⁰ 50	8 ⁰ 38	M17
T 18	8 25 14	7 ⁰ 19'39	20 ⁰ 42	25 ⁰ 36	22 ⁰ 4	0 ⁰ 16	16 ⁰ 38	1 ⁰ 26	18 ⁰ 35	26 ⁰ 57	21 ⁰ 41	6 ⁰ 25	5 ⁰ 9	13 ⁰ 57	8 ⁰ 36	T 18
W19	8 29 11	8 ⁰ 20'32	3 ⁰ 47	26 ⁰ 37	22 ⁰ 50	0 ⁰ 51	16 ⁰ 52	1 ⁰ 32	18 ⁰ 33	26 ⁰ 58	21 ⁰ 43	6 ⁰ 22	5 ⁰ 6	14 ⁰ 3	8 ⁰ 35	W19
T 20	8 33 7	9 ⁰ 21'24	17 ⁰ 16	27 ⁰ 31	23 ⁰ 34	1 ⁰ 26	17 ⁰ 6	1 ⁰ 38	18 ⁰ 31	26 ⁰ 58	21 ⁰ 44	6 ⁰ 16	5 ⁰ 3	14 ⁰ 10	8 ⁰ 34	T 20
F 21	8 37 4	10 ⁰ 22'15	1 ⁰ 10	28 ⁰ 16	24 ⁰ 18	2 ⁰ 1	17 ⁰ 21	1 ⁰ 44	18 ⁰ 29	26 ⁰ 59	21 ⁰ 46	6 ⁰ 7	5 ⁰ 0	14 ⁰ 17	8 ⁰ 33	F 21
S 22	8 41 0	11 ⁰ 23'04	15 ⁰ 25	28 ⁰ 53	25 ⁰ 1	2 ⁰ 37	17 ⁰ 35	1 ⁰ 50	18 ⁰ 27	27 ⁰ 0	21 ⁰ 48	5 ⁰ 57	4 ⁰ 57	14 ⁰ 23	8 ⁰ 31	S 22
S 23	8 44 57	12 ⁰ 23'53	29 ⁰ 55	29 ⁰ 19	25 ⁰ 42	3 ⁰ 12	17 ⁰ 50	1 ⁰ 56	18 ⁰ 25	27 ⁰ 1	21 ⁰ 50	5 ⁰ 46	4 ⁰ 53	14 ⁰ 30	8 ⁰ 30	S 23
M24	8 48 54	13 ⁰ 24'39	14 ⁰ 33	29 ⁰ 36	26 ⁰ 22	3 ⁰ 48	18 ⁰ 4	2 ⁰ 2	18 ⁰ 23	27 ⁰ 2	21 ⁰ 51	5 ⁰ 36	4 ⁰ 50	14 ⁰ 37	8 ⁰ 30	M24
T 25	8 52 50	14 ⁰ 25'25	29 ⁰ 12	29 ⁰ 42	27 ⁰ 1	4 ⁰ 23	18 ⁰ 18	2 ⁰ 8	18 ⁰ 22	27 ⁰ 3	21 ⁰ 53	5 ⁰ 27	4 ⁰ 47	14 ⁰ 43	8 ⁰ 29	T 25
W26	8 56 47	15 ⁰ 26'08	13 ⁰ 7	29 ⁰ 37	27 ⁰ 39	4 ⁰ 59	18 ⁰ 33	2 ⁰ 13	18 ⁰ 19	27 ⁰ 3	21 ⁰ 55	5 ⁰ 21	4 ⁰ 44	14 ⁰ 50	8 ⁰ 28	W26
T 27	9 0 43	16 ⁰ 26'50	28 ⁰ 7	29 ⁰ 22	28 ⁰ 16	5 ⁰ 35	18 ⁰ 47	2 ⁰ 19	18 ⁰ 17	27 ⁰ 4	21 ⁰ 56	5 ⁰ 17	4 ⁰ 41	14 ⁰ 57	8 ⁰ 27	T 27
F 28	9 4 40	17 ⁰ 27'31	12 ⁰ 15	28 ⁰ 56	28 ⁰ 51	6 ⁰ 10	19 ⁰ 2	2 ⁰ 25	18 ⁰ 15	27 ⁰ 5	21 ⁰ 58	5 ⁰ 16	4 ⁰ 37	15 ⁰ 4	8 ⁰ 27	F 28
S 29	9 8 36	18 ⁰ 28'09	26 ⁰ 9	28 ⁰ 20	29 ⁰ 25	6 ⁰ 46	19 ⁰ 16	2 ⁰ 30	18 ⁰ 13	27 ⁰ 7	22 ⁰ 0	5 ⁰ 16	4 ⁰ 34	15 ⁰ 10	8 ⁰ 26	S 29
S 30	9 12 33	19 ⁰ 28'46	9 ⁰ 48	27 ⁰ 35	29 ⁰ 57	7 ⁰ 22	19 ⁰ 30	2 ⁰ 36	18 ⁰ 11	27 ⁰ 8	22 ⁰ 2	5 ⁰ 16	4 ⁰ 31	15 ⁰ 17	8 ⁰ 26	S 30
M31	9 16 29	20 ⁰ 29'22	23 ⁰ 15	26 ⁰ 43	0 ⁰ 27	7 ⁰ 58	19 ⁰ 45	2 ⁰ 42	18 ⁰ 9	27 ⁰ 9	22 ⁰ 3	5 ⁰ 15	4 ⁰ 28	15 ⁰ 24	8 ⁰ 25	M31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat			
S 1	22s 0	18n21	1n57	22s19	2s 2	9s 7	0s12	8n37	0n38	17s46	0s44	22s38	0n52	5n 6	0n47	8n41	1s48	24s22	10s30	21s37	21s22	8s36	16n34	5s22
S 2	21 51	20 46	0 45	21 55	2 0	8 39	0 5	8 50	0 39	17 42	0 44	22 38	0 52	5 7	0 47	8 41	1 48	24 21	10 30	21 37	21 22	8 38	16 34	5 22
M 3	21 41	21 55	0s30	21 29	1 57	8 12	0n 1	9 4	0 40	17 38	0 45	22 38	0 52	5 7	0 48	8 41	1 48	24 21	10 30	21 37	21 21	8 41	16 34	5 22
T 4	21 31	21 46	1 42	21 1	1 53	7 44	0 8	9 17	0 41	17 34	0 45	22 38	0 52	5 8	0 48	8 42	1 48	24 20	10 29	21 37	21 21	8 43	16 33	5 22
W 5	21 20	20 20	2 47	20 32	1 49	7 16	0 15	9 31	0 42	17 30	0 45	22 38	0 52	5 8	0 48	8 42	1 48	24 19	10 29	21 36	21 20	8 45	16 33	5 22
T 6	21 10	17 50	3 42	20 2	1 45	6 48	0 22	9 45	0 42	17 26	0 45	22 38	0 52	5 9	0 48	8 42	1 48	24 19	10 29	21 35	21 19	8 47	16 33	5 21
F 7	20 58	14 28	4 24	19 30	1 39	6 21	0 29	9 58	0 43	17 22	0 45	22 38	0 52	5 9	0 48	8 42	1 48	24 18	10 29	21 34	21 19	8 49	16 33	5 21
S 8	20 47	10 29	4 52	18 57	1 33	5 53	0 37	10 12	0 44	17 18	0 45	22 38	0 52	5 10	0 48	8 42	1 48	24 18	10 29	21 32	21 18	8 51	16 33	5 21
S 9	20 34	6 9	5 5	18 22	1 26	5 25	0 44	10 25	0 45	17 14	0 45	22 38	0 52	5 10	0 48	8 42	1 48	24 17	10 29	21 30	21 18	8 53	16 33	5 21
M10	20 22	1 39	5 4	17 47	1 18	4 57	0 52	10 38	0 46	17 10	0 45	22 38	0 51	5 11	0 48	8 43	1 48	24 17	10 29	21 29	21 17	8 56	16 33	5 20
T 11	20 9	2s51	4 49	17 10	1 9	4 30	1 0	10 52	0 47	17 6	0 45	22 38	0 51	5 11	0 48	8 43	1 48	24 16	10 29	21 27	21 17	8 58	16 33	5 20
W12	19 56	7 10	4 22	16 33	1 0	4 2	1 8	11 5	0 48	17 2	0 45	22 38	0 51	5 12	0 48	8 43	1 47	24 15	10 29	21 27	21 16	9 0	16 33	5 20
T 13	19 42	11 13	3 43	15 56	0 50	3 35	1 16	11 19	0 49	16 58	0 45	22 38	0 51	5 13	0 48	8 43	1 47	24 15	10 29	21 26	21 15	9 2	16 33	5 20
F 14	19 28	14 49	2 55	15 17	0 39	3 8	1 24	11 32	0 49	16 53	0 45	22 38	0 51	5 13	0 48	8 44	1 47	24 14	10 29	21 26	21 15	9 4	16 33	5 19
S 15	19 14	17 51	1 59	14 39	0 27	2 41	1 33	11 45	0 50	16 49	0 45	22 38	0 51	5 14	0 48	8 44	1 47	24 14	10 29	21 26	21 14	9 6	16 33	5 19
S 16	18 59	20 9	0 57	14 1	0 14	2 14	1 41	11 58	0 51	16 45	0 45	22 38	0 51	5 15	0 48	8 44	1 47	24 13	10 29	21 26	21 14	9 8	16 33	5 19
M17	18 44	21 34	0n 8	13 24	0 0	1 47	1 50	12 11	0 52	16 41	0 45	22 38	0 51	5 15	0 48	8 44	1 47	24 12	10 29	21 26	21 13	9 10	16 33	5 19
T 18	18 29	21 55	1 16	12 48	0n14	1 20	1 59	12 24	0 52	16 36	0 45	22 38	0 51	5 16	0 48	8 45	1 47	24 12	10 29	21 26	21 13	9 13	16 33	5 18
W19	18 13	21 6	2 21	12 13	0 29	0 54	2 8	12 37	0 53	16 32	0 45	22 38	0 51	5 17	0 48	8 45	1 47	24 11	10 29	21 25	21 12	9 15	16 33	5 18
T 20	17 57	19 5	3 20	11 40	0 45	0 28	2 17	12 50	0 54	16 28	0 45	22 38	0 51	5 17	0 48	8 45	1 47	24 11	10 29	21 24	21 11	9 17	16 33	5 18
F 21	17 41	15 54	4 9	11 9	1 1	0 2	2 26	13 3	0 54	16 24	0 45	22 38	0 51	5 18	0 48	8 46	1 47	24 10	10 29	21 23	21 11	9 19	16 33	5 18
S 22	17 24	11 44	4 44	10 41	1 17	0n24	2 36	13 16	0 55	16 19	0 45	22 38	0 51	5 19	0 48	8 46	1 47	24 10	10 29	21 21	21 10	9 21	16 33	5 17
S 23	17 7	6 50	5 1	10 16	1 34	0 49	2 46	13 29	0 56	16 15	0 45	22 38	0 51	5 20	0 48	8 46	1 47	24 9	10 29	21 19	21 10	9 23	16 33	5 17
M24	16 50	1 30	4 59	9 54	1 51	1 14	2 55	13 42	0 56	16 10	0 46	22 38	0 51	5 20	0 48	8 47	1 47	24 8	10 29	21 17	21 9	9 25	16 33	5 17
T 25	16 33	3n55	4 37	9 37	2 8	1 39	3 5	13 55	0 57	16 6	0 46	22 38	0 51	5 21	0 48	8 47	1 47	24 8	10 29	21 16	21 9	9 27	16 34	5 16
W26	16 15	9 5	3 58	9 23	2 24	2 3	3 15	14 7	0 58	16 2	0 46	22 38	0 51	5 22	0 48	8 48	1 47	24 7	10 29	21 15	21 8	9 29	16 34	5 16
T 27	15 57	13 41	3 4	9 14	2 39	2 27	3 26	14 20	0 58	15 57	0 46	22 37	0 51	5 23	0 48	8 48	1 47	24 7	10 29	21 14	21 7	9 31	16 34	5 16
F 28	15 38	17 26	1 59	9 10	2 54	2 50	3 36	14 32	0 59	15 53	0 46	22 37	0 51	5 24	0 48	8 48	1 47	24 6	10 29	21 14	21 7	9 34	16 34	5 16
S 29	15 20	20 7	0 48	9 10	3 7	3 13	3 46	14 45	0 59	15 48	0 46	22 37	0 51	5 25	0 48	8 49	1 46	24 6	10 29	21 14	21 6	9 36	16 34	5 15
S 30	15 1	21 35	0s24	9 14	3 18	3 36	3 57	14 57	1 0	15 44	0 46	22 37	0 51	5 25	0 48	8 49	1 46	24 5	10 29	21 14	21 6	9 38	16 35	5 15
M31	14s42	21n46	1s34	9s23	3n28	3n58	4n 7	15n 9	1n 1	15s39	0s46	22s37	0n51	5n26	0n48	8n50	1s46	24s 4	10s29	21s14	21s 5	9s40	16n35	5s15

ASTRODIENST EPHEMERIS for the year 1547

geocentric

FEBRUARY 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	9 20 26	21 ²⁹ 55	6 ²⁹ 29	25°R44	0°Y56	8 ³⁴ 34	19 ⁵⁹ 59	2 ³⁴ 47	18°R 7	27°Y10	22 ⁵ 5	5°R11	4 ²⁵ 25	15 ³⁰ 30	8°R25	T 1
W 2	9 24 23	22°30'27	19°32	24 ⁴¹ 41	1°24	9°10	20°14	2°52	18 ⁴ 4	27°11	22° 7	5 ⁵ 5	4°22	15°37	8 ²⁵ 25	W 2
T 3	9 28 19	23°30'56	2 ²⁵ 25	23°35	1°49	9°46	20°28	2°58	18° 2	27°12	22° 8	4°56	4°18	15°44	8°25	T 3
F 4	9 32 16	24°31'25	15° 7	22°27	2°13	10°22	20°42	3° 3	18° 0	27°13	22°10	4°44	4°15	15°50	8°D25	F 4
S 5	9 36 12	25°31'51	27°38	21°20	2°35	10°58	20°57	3° 8	17°57	27°15	22°12	4°30	4°12	15°57	8°25	S 5
S 6	9 40 9	26°32'16	9 ⁵⁹ 59	20°15	2°55	11°34	21°11	3°13	17°55	27°16	22°14	4°16	4° 9	16° 4	8°25	S 6
M 7	9 44 5	27°32'39	22° 9	19°14	3°13	12°10	21°25	3°18	17°53	27°17	22°15	4° 2	4° 6	16°10	8°25	M 7
T 8	9 48 2	28°33'00	4 ⁴ 4	18°18	3°29	12°46	21°40	3°23	17°50	27°19	22°17	3°50	4° 2	16°17	8°25	T 8
W 9	9 51 58	29°33'20	16° 2	17°27	3°43	13°23	21°54	3°28	17°48	27°20	22°19	3°41	3°59	16°24	8°26	W 9
T 10	9 55 55	0 ³³ 33	27°52	16°42	3°54	13°59	22° 9	3°33	17°45	27°21	22°20	3°35	3°56	16°30	8°26	T 10
F 11	9 59 51	1°33'56	9 ⁴⁰ 40	16° 4	4° 4	14°35	22°23	3°38	17°43	27°23	22°22	3°32	3°53	16°37	8°26	F 11
S 12	10 3 48	2°34'11	21°34	15°34	4°11	15°11	22°37	3°43	17°40	27°24	22°24	3°30	3°50	16°44	8°27	S 12
S 13	10 7 45	3°34'25	3 ³⁷ 37	15°10	4°16	15°48	22°51	3°47	17°38	27°26	22°26	3°30	3°47	16°51	8°28	S 13
M14	10 11 41	4°34'38	15°55	14°54	4°18	16°24	23° 6	3°52	17°35	27°27	22°27	3°30	3°43	16°57	8°29	M14
T 15	10 15 38	5°34'48	28°33	14°45	4°R18	17° 1	23°20	3°56	17°33	27°29	22°29	3°28	3°40	17° 4	8°29	T 15
W16	10 19 34	6°34'58	11 ³⁷ 37	14°D42	4°16	17°37	23°34	4° 1	17°30	27°30	22°31	3°25	3°37	17°11	8°30	W16
T 17	10 23 31	7°35'06	25° 9	14°46	4°11	18°14	23°48	4° 5	17°28	27°32	22°32	3°19	3°34	17°17	8°31	T 17
F 18	10 27 27	8°35'12	9 ³ 3	14°56	4° 3	18°50	24° 3	4°10	17°25	27°34	22°34	3°10	3°31	17°24	8°32	F 18
S 19	10 31 24	9°35'16	23°37	15°11	3°54	19°27	24°17	4°14	17°23	27°35	22°36	2°59	3°28	17°31	8°33	S 19
S 20	10 35 20	10°35'18	8 ²⁵ 25	15°33	3°41	20° 3	24°31	4°18	17°20	27°37	22°37	2°47	3°24	17°37	8°35	S 20
M21	10 39 17	11°35'19	23°26	15°59	3°26	20°40	24°45	4°22	17°17	27°38	22°39	2°36	3°21	17°44	8°36	M21
T 22	10 43 14	12°35'17	8 ³⁰ 30	16°30	3° 9	21°17	24°59	4°26	17°15	27°40	22°41	2°26	3°18	17°51	8°37	T 22
W23	10 47 10	13°35'13	23°26	17° 5	2°49	21°53	25°13	4°30	17°12	27°42	22°42	2°19	3°15	17°57	8°39	W23
T 24	10 51 7	14°35'08	8 ⁹ 9	17°45	2°27	22°30	25°27	4°34	17°10	27°44	22°44	2°15	3°12	18° 4	8°40	T 24
F 25	10 55 3	15°35'00	22°31	18°28	2° 3	23° 7	25°41	4°37	17° 7	27°45	22°45	2°13	3° 8	18°11	8°42	F 25
S 26	10 59 0	16°34'50	6 ³² 32	19°15	1°37	23°43	25°55	4°41	17° 4	27°47	22°47	2°D13	3° 5	18°17	8°44	S 26
S 27	11 2 56	17°34'37	20°11	20° 6	1° 8	24°20	26° 9	4°45	17° 2	27°49	22°49	2°R13	3° 2	18°24	8°45	S 27
M28	11 6 53	18 ³⁴ 22	3 ³¹ 31	20 ⁵⁹ 59	0°Y38	24 ⁵⁷ 57	26 ²³ 23	4 ³⁴ 34	16 ⁵⁹ 59	27°Y51	22 ⁵⁰ 50	2 ¹² 12	2 ⁵⁹ 59	18 ⁴⁷ 47	8 ⁴⁷ 47	M28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	14s22	20n43	2s37	9s35	3n36	4n19	4n18	15n21	1n 1	15s35	0s46	22s37	0n51	5n27	0n48	8n50
W 2	14 3	18 35	3 31	9 51	3 41	4 40	4 29	15 33	1 2	15 30	0 46	22 37	0 51	5 28	0 48	8 51
T 3	13 43	15 33	4 14	10 10	3 44	5 0	4 40	15 45	1 2	15 26	0 46	22 37	0 51	5 29	0 48	8 51
F 4	13 23	11 50	4 43	10 31	3 45	5 20	4 51	15 57	1 3	15 21	0 46	22 37	0 51	5 30	0 48	8 52
S 5	13 2	7 39	4 58	10 54	3 43	5 38	5 2	16 9	1 3	15 17	0 46	22 37	0 51	5 31	0 48	8 52
S 6	12 42	3 14	4 58	11 17	3 40	5 56	5 13	16 21	1 4	15 12	0 46	22 36	0 51	5 32	0 48	8 53
M 7	12 21	1s15	4 45	11 42	3 34	6 14	5 24	16 33	1 4	15 8	0 47	22 36	0 51	5 33	0 49	8 53
T 8	12 0	5 37	4 20	12 6	3 27	6 30	5 35	16 44	1 5	15 3	0 47	22 36	0 51	5 34	0 49	8 54
W 9	11 39	9 45	3 43	12 30	3 18	6 46	5 46	16 56	1 5	14 59	0 47	22 36	0 51	5 35	0 49	8 54
T 10	11 18	13 29	2 57	12 53	3 8	7 1	5 57	17 7	1 6	14 54	0 47	22 36	0 51	5 36	0 49	8 55
F 11	10 57	16 41	2 3	13 15	2 56	7 14	6 8	17 18	1 6	14 50	0 47	22 36	0 51	5 37	0 49	8 55
S 12	10 35	19 12	1 3	13 36	2 44	7 27	6 19	17 29	1 6	14 45	0 47	22 36	0 51	5 38	0 49	8 56
S 13	10 13	20 55	0n 1	13 55	2 31	7 39	6 29	17 40	1 7	14 40	0 47	22 36	0 51	5 39	0 49	8 56
M14	9 51	21 40	1 5	14 12	2 18	7 50	6 40	17 51	1 7	14 36	0 47	22 35	0 51	5 40	0 49	8 57
T 15	9 29	21 21	2 8	14 28	2 5	7 59	6 50	18 2	1 8	14 31	0 47	22 35	0 51	5 41	0 49	8 58
W16	9 7	19 53	3 7	14 42	1 51	8 7	7 0	18 13	1 8	14 26	0 47	22 35	0 51	5 42	0 49	8 58
T 17	8 45	17 16	3 57	14 54	1 37	8 14	7 10	18 24	1 8	14 22	0 48	22 35	0 51	5 43	0 49	8 59
F 18	8 22	13 35	4 35	15 4	1 24	8 20	7 20	18 34	1 9	14 17	0 48	22 35	0 51	5 44	0 49	8 59
S 19	8 0	9 1	4 57	15 12	1 10	8 25	7 29	18 45	1 9	14 13	0 48	22 35	0 51	5 45	0 49	9 0
S 20	7 37	3 49	4 59	15 18	0 57	8 28	7 38	18 55	1 10	14 8	0 48	22 35	0 51	5 46	0 49	9 1
M21	7 14	1n41	4 41	15 23	0 44	8 30	7 46	19 5	1 10	14 3	0 48	22 34	0 51	5 47	0 49	9 1
T 22	6 51	7 6	4 4	15 26	0 31	8 30	7 54	19 15	1 10	13 59	0 48	22 34	0 51	5 48	0 49	9 2
W23	6 28	12 4	3 10	15 27	0 19	8 29	8 2	19 25	1 11	13 54	0 48	22 34	0 51	5 49	0 49	9 3
T 24	6 5	16 12	2 4	15 26	0 7	8 26	8 8	19 35	1 11	13 49	0 48	22 34	0 51	5 50	0 49	9 3
F 25	5 42	19 16	0 51	15 24	0s 4	8 22	8 14	19 45	1 11	13 45	0 48	22 34	0 51	5 51	0 49	9 4
S 26	5 19	21 5	0s23	15 20	0 15	8 17	8 20	19 54	1 11	13 40	0 48	22 34	0 51	5 52	0 49	9 5
S 27	4 55	21 34	1 34	15 14	0 26	8 9	8 24	20 4	1 12	13 36	0 49	22 34	0 51	5 53	0 49	9 5
M28	4s32	20n49	2s38	15s 6	0s36	8n 1	8n28	20n13	1n12	13s31	0s49	22s34	0n51	5n54	0n49	9n 6

Julian Day Number = 2286130.5, Delta T = 186.21 sec

Ecliptic obliquity = 23°29'49, Nutation = 0°00'17, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°25'13, Lahiri = 17°32'14 Julian Calendar 1 Feb. 1547 == Greg. Calendar 11 Feb. 1547

ASTRODIENST EPHEMERIS for the year 1547

geocentric

MARCH 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 10 49	19 ^h 34'05	16 ^h 34	21 ^h 56	0 ^h R 6	25 ^h 34	26 ^h 37	4 ^h 52	16 ^h R57	27 ^h 53	22 ^h 52	2 ^h R 9	2 ^h 56	18 ^h 37	8 ^h II49	T 1
W 2	11 14 46	20 ^h 33'46	29 ^h 22	22 ^h 55	29 ^h 32	26 ^h 11	26 ^h 51	4 ^h 55	16 ^h 54	27 ^h 55	22 ^h 53	2 ^h 54	2 ^h 53	18 ^h 44	8 ^h 51	W 2
T 3	11 18 43	21 ^h 33'24	11 ^h 57	23 ^h 57	28 ^h 57	26 ^h 47	27 ^h 4	4 ^h 58	16 ^h 51	27 ^h 56	22 ^h 55	1 ^h 55	2 ^h 49	18 ^h 51	8 ^h 53	T 3
F 4	11 22 39	22 ^h 33'00	24 ^h 22	25 ^h 2	28 ^h 21	27 ^h 24	27 ^h 18	5 ^h 1	16 ^h 49	27 ^h 58	22 ^h 56	1 ^h 44	2 ^h 46	18 ^h 58	8 ^h 55	F 4
S 5	11 26 36	23 ^h 32'34	6 ^h 38	26 ^h 9	27 ^h 44	28 ^h 1	27 ^h 32	5 ^h 4	16 ^h 46	28 ^h 0	22 ^h 58	1 ^h 32	2 ^h 43	19 ^h 4	8 ^h 58	S 5
S 6	11 30 32	24 ^h 32'06	18 ^h 46	27 ^h 18	27 ^h 7	28 ^h 38	27 ^h 46	5 ^h 7	16 ^h 44	28 ^h 2	22 ^h 59	1 ^h 19	2 ^h 40	19 ^h 11	9 ^h 0	S 6
M 7	11 34 29	25 ^h 31'35	0 ^h 46	28 ^h 30	26 ^h 29	29 ^h 15	27 ^h 59	5 ^h 10	16 ^h 41	28 ^h 4	23 ^h 1	1 ^h 7	2 ^h 37	19 ^h 18	9 ^h 2	M 7
T 8	11 38 25	26 ^h 31'03	12 ^h 41	29 ^h 43	25 ^h 51	29 ^h 52	28 ^h 13	5 ^h 13	16 ^h 38	28 ^h 6	23 ^h 2	0 ^h 57	2 ^h 34	19 ^h 24	9 ^h 5	T 8
W 9	11 42 22	27 ^h 30'29	24 ^h 32	0 ^h 58	25 ^h 13	0 ^h II29	28 ^h 26	5 ^h 16	16 ^h 36	28 ^h 8	23 ^h 4	0 ^h 48	2 ^h 30	19 ^h 31	9 ^h 7	W 9
T 10	11 46 18	28 ^h 29'52	6 ^h 20	2 ^h 15	24 ^h 36	1 ^h 6	28 ^h 40	5 ^h 18	16 ^h 33	28 ^h 10	23 ^h 5	0 ^h 43	2 ^h 27	19 ^h 38	9 ^h 10	T 10
F 11	11 50 15	29 ^h 29'14	18 ^h 9	3 ^h 35	23 ^h 59	1 ^h 43	28 ^h 53	5 ^h 21	16 ^h 31	28 ^h 12	23 ^h 7	0 ^h 40	2 ^h 24	19 ^h 44	9 ^h 12	F 11
S 12	11 54 12	0 ^h Y28'34	0 ^h 3	4 ^h 55	23 ^h 24	2 ^h 20	29 ^h 6	5 ^h 23	16 ^h 28	28 ^h 14	23 ^h 8	0 ^h D39	2 ^h 21	19 ^h 51	9 ^h 15	S 12
S 13	11 58 8	1 ^h 27'52	12 ^h 6	6 ^h 18	22 ^h 49	2 ^h 57	29 ^h 20	5 ^h 25	16 ^h 26	28 ^h 16	23 ^h 10	0 ^h 39	2 ^h 18	19 ^h 58	9 ^h 18	S 13
M14	12 2 5	2 ^h 27'09	24 ^h 22	7 ^h 42	22 ^h 15	3 ^h 34	29 ^h 33	5 ^h 28	16 ^h 23	28 ^h 18	23 ^h 11	0 ^h 40	2 ^h 14	20 ^h 4	9 ^h 21	M14
T 15	12 6 1	3 ^h 26'24	6 ^h 58	9 ^h 8	21 ^h 44	4 ^h 10	29 ^h 46	5 ^h 30	16 ^h 21	28 ^h 20	23 ^h 12	0 ^h R40	2 ^h 11	20 ^h 11	9 ^h 23	T 15
W16	12 9 58	4 ^h 25'36	19 ^h 56	10 ^h 35	21 ^h 14	4 ^h 47	29 ^h 59	5 ^h 32	16 ^h 18	28 ^h 23	23 ^h 14	0 ^h 39	2 ^h 8	20 ^h 18	9 ^h 26	W16
T 17	12 13 54	5 ^h 24'47	3 ^h 23	12 ^h 4	20 ^h 45	5 ^h 25	0 ^h 12	5 ^h 34	16 ^h 16	28 ^h 25	23 ^h 15	0 ^h 36	2 ^h 5	20 ^h 24	9 ^h 29	T 17
F 18	12 17 51	6 ^h 23'57	17 ^h 19	13 ^h 35	20 ^h 19	6 ^h 2	0 ^h 25	5 ^h 36	16 ^h 13	28 ^h 27	23 ^h 17	0 ^h 30	2 ^h 2	20 ^h 31	9 ^h 33	F 18
S 19	12 21 47	7 ^h 23'04	1 ^h 43	15 ^h 7	19 ^h 55	6 ^h 39	0 ^h 38	5 ^h 38	16 ^h 11	28 ^h 29	23 ^h 18	0 ^h 23	1 ^h 59	20 ^h 38	9 ^h 36	S 19
S 20	12 25 44	8 ^h 22'09	16 ^h 33	16 ^h 41	19 ^h 33	7 ^h 16	0 ^h 51	5 ^h 39	16 ^h 9	28 ^h 31	23 ^h 19	0 ^h 15	1 ^h 55	20 ^h 44	9 ^h 39	S 20
M21	12 29 40	9 ^h 21'13	1 ^h Y40	18 ^h 16	19 ^h 14	7 ^h 53	1 ^h 4	5 ^h 41	16 ^h 6	28 ^h 33	23 ^h 20	0 ^h 7	1 ^h 52	20 ^h 51	9 ^h 42	M21
T 22	12 33 37	10 ^h 20'14	16 ^h 56	19 ^h 52	18 ^h 57	8 ^h 30	1 ^h 17	5 ^h 42	16 ^h 4	28 ^h 35	23 ^h 22	0 ^h 0	1 ^h 49	20 ^h 58	9 ^h 45	T 22
W23	12 37 34	11 ^h 19'14	2 ^h 8	21 ^h 30	18 ^h 42	9 ^h 7	1 ^h 30	5 ^h 44	16 ^h 2	28 ^h 38	23 ^h 23	29 ^h II55	1 ^h 46	21 ^h 4	9 ^h 49	W23
T 24	12 41 30	12 ^h 18'11	17 ^h 8	23 ^h 10	18 ^h 30	9 ^h 44	1 ^h 42	5 ^h 45	15 ^h 59	28 ^h 40	23 ^h 24	29 ^h 53	1 ^h 43	21 ^h 11	9 ^h 52	T 24
F 25	12 45 27	13 ^h 17'06	1 ^h II47	24 ^h 51	18 ^h 20	10 ^h 21	1 ^h 55	5 ^h 46	15 ^h 57	28 ^h 42	23 ^h 25	29 ^h D52	1 ^h 39	21 ^h 18	9 ^h 56	F 25
S 26	12 49 23	14 ^h 15'59	16 ^h 2	26 ^h 34	18 ^h 12	10 ^h 58	2 ^h 7	5 ^h 47	15 ^h 55	28 ^h 44	23 ^h 27	29 ^h 53	1 ^h 36	21 ^h 24	9 ^h 59	S 26
S 27	12 53 20	15 ^h 14'50	29 ^h 51	28 ^h 18	18 ^h 7	11 ^h 35	2 ^h 20	5 ^h 48	15 ^h 53	28 ^h 46	23 ^h 28	29 ^h 54	1 ^h 33	21 ^h 31	10 ^h 3	S 27
M28	12 57 16	16 ^h 13'38	13 ^h 36	0 ^h Y 4	18 ^h 5	12 ^h 12	2 ^h 32	5 ^h 49	15 ^h 51	28 ^h 49	23 ^h 29	29 ^h R55	1 ^h 30	21 ^h 38	10 ^h 7	M28
T 29	13 1 13	17 ^h 12'24	26 ^h 18	1 ^h 51	18 ^h D 4	12 ^h 49	2 ^h 44	5 ^h 50	15 ^h 49	28 ^h 51	23 ^h 30	29 ^h 55	1 ^h 27	21 ^h 45	10 ^h 10	T 29
W30	13 5 9	18 ^h 11'08	9 ^h II 0	3 ^h 40	18 ^h 7	13 ^h 27	2 ^h 57	5 ^h 51	15 ^h 46	28 ^h 53	23 ^h 31	29 ^h 52	1 ^h 24	21 ^h 51	10 ^h 14	W30
T 31	13 9 6	19 ^h Y 9'49	21 ^h II28	5 ^h Y30	18 ^h Y11	14 ^h II 4	3 ^h Y 9	5 ^h 51	15 ^h 44	28 ^h Y55	23 ^h 32	29 ^h II48	1 ^h 20	21 ^h 58	10 ^h II18	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	4s 8	18n57	3s32	14s57	0s46	7n51	8n31	20n22	1n12	13s26	0s49	22s33	0n51	5n55	0n49	9n 7	1s45	23s51	10s32	20s39	20s48	10s38	16n47	5s 6							
W 2	3 45	16 11	4 15	14 47	0 55	7 39	8 33	20 31	1 13	13 22	0 49	22 33	0 51	5 56	0 49	9 7	1 45	23 50	10 32	20 37	20 47	10 40	16 48	5 5							
T 3	3 21	12 42	4 44	14 35	1 4	7 27	8 35	20 40	1 13	13 17	0 49	22 33	0 51	5 57	0 49	9 8	1 45	23 50	10 32	20 36	20 46	10 42	16 48	5 5							
F 4	2 58	8 43	4 59	14 21	1 13	7 13	8 35	20 49	1 13	13 12	0 49	22 33	0 51	5 58	0 49	9 9	1 45	23 50	10 33	20 34	20 46	10 44	16 49	5 5							
S 5	2 34	4 26	5 1	14 6	1 21	6 57	8 34	20 57	1 13	13 8	0 49	22 33	0 51	5 59	0 49	9 9	1 45	23 49	10 33	20 31	20 45	10 46	16 50	5 5							
S 6	2 11	0 2	4 48	13 49	1 28	6 41	8 33	21 6	1 14	13 3	0 49	22 33	0 51	6 0	0 49	9 10	1 45	23 49	10 33	20 28	20 45	10 48	16 50	5 4							
M 7	1 47	4s20	4 23	13 31	1 35	6 24	8 30	21 14	1 14	12 59	0 50	22 33	0 51	6 1	0 49	9 11	1 45	23 49	10 33	20 26	20 44	10 50	16 51	5 4							
T 8	1 23	8 30	3 46	13 11	1 42	6 6	8 27	21 23	1 14	12 54	0 50	22 33	0 51	6 2	0 49	9 12	1 45	23 48	10 33	20 24	20 43	10 52	16 52	5 4							
W 9	1 0	12 19	3 0	12 50	1 48	5 46	8 22	21 31	1 14	12 49	0 50	22 32	0 51	6 3	0 49	9 12	1 45	23 48	10 33	20 22	20 43	10 54	16 52	5 3							
T 10	0 36	15 39	2 6	12 28	1 54	5 27	8 17	21 39	1 15	12 45	0 50	22 32	0 51	6 4	0 49	9 13	1 45	23 48	10 34	20 21	20 42	10 56	16 53	5 3							
F 11	0 12	18 20	1 6	12 4	1 59	5 7	8 10	21 46	1 15	12 40	0 50	22 32	0 51	6 5	0 49	9 14	1 45	23 47	10 34	20 20	20 41	10 58	16 54	5 3							
S 12	0n11	20 16	0 3	11 39	2 4	4 46	8 3	21 54	1 15	12 36	0 50	22 32	0 51	6 6	0 49	9 15	1 45	23 47	10 34	20 20	20 41	11 0	16 54	5 3							
S 13	0 35	21 17	1n 1	11 12	2 8	4 25	7 55	22 2	1 15	12 31	0 50	22 32	0 51	6 7	0 49	9 15	1 45	23 47	10 34	20 20	20 40	11 2	16 55	5 2							
M14	0 59	21 19	2 4	10 45	2 12	4 4	7 47	22 9	1 15	12 27	0 51	22 32	0 51	6 8	0 49	9 16	1 45	23 47	10 35	20 20	20 40	11 4	16 56	5 2							
T 15	1 22	20 17	3 2	10 15	2 15	3 43	7 37	22 16	1 16	12 22	0 51	22 32	0 51	6 9	0 49	9 17	1 45	23 46	10 35	20 20	20 39	11 6	16 56	5 2							
W16	1 46	18 10	3 53	9 45	2 18	3 22	7 27	22 23	1 16	12 18	0 51	22 32	0 51	6 10	0 49	9 18	1 45	23 46	10 35	20 20	20 38	11 8	16 57	5 2							
T 17	2 9	15 1	4 33	9 13	2 21	3 1	7 17	22 30	1 16	12 13	0 51	22 32	0 51	6 11	0 49	9 18	1 45	23 46	10 35	20 19	20 38	11 10	16 58	5 1							
F 18	2 33	10 56	4 59	8 40	2 23	2 41	7 6	22 37	1 16	12 9	0 51	22 32	0 51	6 12	0 49	9 19	1 45	23 46	10 35	20 18	20 37	11 12	16 58	5 1							
S 19	2 56	6 7	5 6	8 6	2 24	2 21	6 54	22 43	1 16	12 4	0 51	22 31	0 51	6 12	0 48	9 20	1 44	23 45	10 36	20 17	20 36	11 14	16 59	5 1							
S 20	3 20	0 48	4 54	7 30	2 25	2 1	6 42	22 50	1 16	12 0	0 51	22 31	0 51	6 13	0 48	9 21	1 44	23 45	10 36	20 15	20 36	11 15	17 0	5 1							
M21	3 43	4n40	4 22	6 53	2 26	1 42	6 30	22 56	1 17	11 55	0 52	22 31	0 51	6 14	0 48	9 22	1 44	23 45	10 36	20 13	20 35	11 17	17 0	5 0							
T 22	4 6	9 54	3 30	6 15	2 26	1 24	6 17	23 2	1 17	11 51	0 52	22 31	0 51	6 15	0 48	9 22	1 44	23 45	10 36	20 12	20 35	11 19	17 1	5 0							
W23	4 29	14 30	2 24	5 36	2 25	1 7	6 4	23 8	1 17	11 47	0 52	22 31	0 51	6 16	0 48	9 23	1 44	23 44	10 37	20 11	20 34	11 21	17 2	5 0							
T 24	4 52	18 5	1 8	4 55	2 24	0 50	5 51	23 14	1 17	11 42	0 52	22 31	0 51	6 17	0 48	9 24	1 44	23 44	10 37	20 10	20 33	11 23	17 3	5 0							
F 25	5 15	20 24	0s10	4 14	2 23	0 34	5 38	23 20	1 17	11 38	0 52	22 31	0 51	6 18	0 48	9 25	1 44	23 44	10 37	20 10	20 33	11 25	17 3	4 59							
S 26	5 38	21 20	1 26	3 31	2 21	0 19	5 25	23 25	1 17	11 34	0 52	22 31	0 51	6 19	0 48	9 25	1 44	23 44	10 37	20 10	20 32	11 27	17 4	4 59							
S 27	6 1	20 55	2 35	2 47	2 18	0 5	5 12	23 30	1 17	11 29	0 53	22 31	0 51	6 19	0 48	9 26	1 44	23 44	10 38	20 11	20 31	11 29	17 5	4 59							
M28	6 24	19 18	3 33	2 3	2 15	0s 9	4 58	23 35	1 17	11 25	0 53	22 31	0 51	6 20	0 48	9 27	1 44	23 44	10 38	20 11	20 31	11 31	17 6	4 59							
T 29	6 46	16 43	4 18	1 17	2 12	0 21	4 45	23 40	1 18	11 21	0 53	22 31	0 51	6 21	0 48	9 28	1 44	23 43	10 38	20 11	20 30	11 33	17 6	4 59							
W30	7 9	13 23	4 50	0 30	2 8	0 32	4 32	23 45	1 18	11 16	0 53	22 31	0 51	6 22	0 48	9 29	1 44	23 43	10 38	20 10	20 29	11 35	17 7	4 58							
T 31	7n31	9n32	5s 7	0n18	2s 3	0s43	4n19	23n50	1n18	11s12	0s53	22s31	0n51	6n23	0n48	9n29	1s44	23s43	10s39	20s 9	20s29	11s36	17n 8	4s58							

ASTRODIENST EPHEMERIS for the year 1547

geocentric

APRIL 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	13 13 3	20°Y 8'28	3°M 42	7°Y 22	18°X 18	14°II 41	3°H 21	5°S 52	15°R 42	28°Y 57	23°≈33	29°R 43	1°A 17	22°A 5	10°II 22	F 1
S 2	13 16 59	21° 7'05	15°48	9°15	18°27	15°18	3°33	5°52	15°M 40	29° 0	23°34	29°M 36	1°14	22°11	10°26	S 2
S 3	13 20 56	22° 5'40	27°46	11°10	18°38	15°55	3°45	5°52	15°38	29° 2	23°35	29°29	1°11	22°18	10°30	S 3
M 4	13 24 52	23° 4'13	9°A 39	13° 7	18°51	16°32	3°56	5°53	15°37	29° 4	23°36	29°22	1° 8	22°25	10°34	M 4
T 5	13 28 49	24° 2'43	21°30	15° 5	19° 6	17° 9	4° 8	5°53	15°35	29° 6	23°37	29°17	1° 5	22°31	10°38	T 5
W 6	13 32 45	25° 1'12	3°M 19	17° 4	19°23	17°47	4°20	5°R 53	15°33	29° 9	23°38	29°12	1° 1	22°38	10°42	W 6
T 7	13 36 42	25°59'39	15° 9	19° 5	19°42	18°24	4°31	5°53	15°31	29°11	23°39	29°10	0°58	22°45	10°46	T 7
F 8	13 40 38	26°58'04	27° 3	21° 8	20° 3	19° 1	4°43	5°53	15°29	29°13	23°40	29°D 9	0°55	22°51	10°51	F 8
S 9	13 44 35	27°56'28	9°A 2	23°12	20°26	19°38	4°54	5°52	15°28	29°15	23°41	29° 9	0°52	22°58	10°55	S 9
S 10	13 48 32	28°54'50	21°10	25°17	20°50	20°15	5° 5	5°52	15°26	29°18	23°42	29°10	0°49	23° 5	10°59	S 10
M 11	13 52 28	29°53'10	3°S 30	27°23	21°17	20°52	5°16	5°51	15°24	29°20	23°43	29°12	0°45	23°11	11° 4	M 11
T 12	13 56 25	0°B 51'29	16° 7	29°31	21°44	21°30	5°27	5°51	15°23	29°22	23°44	29°14	0°42	23°18	11° 8	T 12
W 13	14 0 21	1°49'46	29° 5	1°B 39	22°14	22° 7	5°38	5°50	15°21	29°24	23°45	29°R 14	0°39	23°25	11°12	W 13
T 14	14 4 18	2°48'01	12°≈26	3°47	22°44	22°44	5°49	5°49	15°20	29°27	23°45	29°14	0°36	23°31	11°17	T 14
F 15	14 8 14	3°46'15	26°13	5°57	23°17	23°21	6° 0	5°49	15°18	29°29	23°46	29°13	0°33	23°38	11°21	F 15
S 16	14 12 11	4°44'28	10°H 26	8° 6	23°50	23°58	6°11	5°48	15°17	29°31	23°47	29°10	0°30	23°45	11°26	S 16
S 17	14 16 7	5°42'39	25° 4	10°16	24°25	24°36	6°21	5°47	15°15	29°34	23°48	29° 7	0°26	23°51	11°31	S 17
M 18	14 20 4	6°40'48	10°Y 1	12°25	25° 1	25°13	6°32	5°45	15°14	29°36	23°48	29° 4	0°23	23°58	11°35	M 18
T 19	14 24 1	7°38'56	25°10	14°33	25°38	25°50	6°42	5°44	15°13	29°38	23°49	29° 2	0°20	24° 5	11°40	T 19
W 20	14 27 57	8°37'02	10°B 21	16°41	26°17	26°27	6°52	5°43	15°11	29°40	23°50	29° 0	0°17	24°11	11°45	W 20
T 21	14 31 54	9°35'07	25°25	18°47	26°57	27° 4	7° 3	5°41	15°10	29°42	23°50	28°D 59	0°14	24°18	11°50	T 21
F 22	14 35 50	10°33'10	10°II 14	20°52	27°37	27°42	7°13	5°40	15° 9	29°45	23°51	28°59	0°11	24°25	11°54	F 22
S 23	14 39 47	11°31'11	24°39	22°55	28°19	28°19	7°23	5°38	15° 8	29°47	23°52	29° 0	0° 7	24°31	11°59	S 23
S 24	14 43 43	12°29'11	8°B 39	24°56	29° 2	28°56	7°32	5°37	15° 7	29°49	23°52	29° 1	0° 4	24°38	12° 4	S 24
M 25	14 47 40	13°27'08	22°13	26°55	29°45	29°33	7°42	5°35	15° 6	29°51	23°53	29° 3	0° 1	24°45	12° 9	M 25
T 26	14 51 36	14°25'04	5°A 21	28°51	0°Y 30	0°B 11	7°52	5°33	15° 5	29°54	23°53	29° 3	29°M 58	24°51	12°14	T 26
W 27	14 55 33	15°22'57	18° 6	0°II 45	1°15	0°48	8° 1	5°31	15° 4	29°56	23°54	29°R 3	29°55	24°58	12°19	W 27
T 28	14 59 30	16°20'49	0°M 32	2°36	2° 2	1°25	8°10	5°29	15° 3	29°58	23°54	29° 3	29°51	25° 5	12°24	T 28
F 29	15 3 26	17°18'39	12°44	4°23	2°49	2° 2	8°20	5°27	15° 2	0°B 0	23°55	29° 2	29°48	25°11	12°29	F 29
S 30	15 7 23	18°B 16'28	24°M 44	6°II 8	3°Y 36	2°B 40	8°H 29	5°S 25	15°M 2	0°B 2	23°≈55	29°M 1	29°M 45	25°A 18	12°II 34	S 30

Day	☉	☾			♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	7n53	5n22	5s 9	1n 7	1s58	0s52	4n 6	23n54	1n18	11s 8	0s53	22s31	0n51	6n23	0n48	9n30	1s44	23s43	10s39	20s 8	20s28	11s38	17n 8	4s58					
S 2	8 16	1 2	4 58	1 57	1 52	1 0	3 53	23 59	1 18	11 4	0 54	22 31	0 51	6 24	0 48	9 31	1 44	23 43	10 39	20 7	20 27	11 40	17 9	4 58					
S 3	8 37	3s17	4 33	2 48	1 46	1 8	3 40	24 3	1 18	11 0	0 54	22 31	0 51	6 25	0 48	9 32	1 44	23 43	10 40	20 5	20 27	11 42	17 10	4 58					
M 4	8 59	7 28	3 57	3 39	1 40	1 14	3 28	24 7	1 18	10 56	0 54	22 31	0 51	6 26	0 48	9 33	1 44	23 43	10 40	20 4	20 26	11 44	17 11	4 57					
T 5	9 21	11 21	3 11	4 32	1 33	1 20	3 15	24 10	1 18	10 51	0 54	22 31	0 51	6 26	0 48	9 33	1 44	23 43	10 40	20 3	20 25	11 46	17 11	4 57					
W 6	9 42	14 47	2 16	5 25	1 25	1 24	3 3	24 14	1 18	10 47	0 54	22 31	0 51	6 27	0 48	9 34	1 44	23 43	10 40	20 2	20 25	11 48	17 12	4 57					
T 7	10 4	17 38	1 16	6 18	1 17	1 28	2 51	24 17	1 18	10 43	0 55	22 31	0 51	6 28	0 48	9 35	1 44	23 43	10 41	20 1	20 24	11 49	17 13	4 57					
F 8	10 25	19 44	0 12	7 12	1 9	1 30	2 39	24 21	1 18	10 39	0 55	22 31	0 51	6 28	0 48	9 36	1 44	23 43	10 41	20 1	20 23	11 51	17 14	4 57					
S 9	10 46	20 58	0n54	8 7	1 0	1 32	2 28	24 24	1 18	10 35	0 55	22 31	0 51	6 29	0 48	9 37	1 44	23 43	10 41	20 1	20 23	11 53	17 14	4 56					
S 10	11 7	21 14	1 58	9 1	0 51	1 33	2 16	24 27	1 19	10 31	0 55	22 31	0 51	6 30	0 48	9 37	1 44	23 42	10 42	20 1	20 22	11 55	17 15	4 56					
M11	11 28	20 30	2 58	9 56	0 41	1 33	2 5	24 29	1 19	10 27	0 55	22 31	0 51	6 30	0 48	9 38	1 44	23 42	10 42	20 2	20 21	11 57	17 16	4 56					
T 12	11 48	18 43	3 50	10 50	0 31	1 32	1 54	24 32	1 19	10 24	0 55	22 31	0 51	6 31	0 48	9 39	1 44	23 42	10 42	20 2	20 21	11 59	17 17	4 56					
W13	12 8	15 57	4 32	11 45	0 21	1 30	1 44	24 34	1 19	10 20	0 56	22 31	0 51	6 31	0 48	9 40	1 44	23 42	10 42	20 2	20 20	12 1	17 17	4 56					
T 14	12 28	12 18	5 1	12 39	0 11	1 28	1 33	24 36	1 19	10 16	0 56	22 31	0 51	6 32	0 48	9 41	1 44	23 42	10 43	20 2	20 20	12 2	17 18	4 56					
F 15	12 48	7 53	5 14	13 32	0 0	1 24	1 23	24 38	1 19	10 12	0 56	22 31	0 51	6 32	0 48	9 41	1 44	23 42	10 43	20 2	20 19	12 4	17 19	4 56					
S 16	13 8	2 55	5 9	14 25	0n11	1 20	1 13	24 40	1 19	10 8	0 56	22 31	0 51	6 33	0 48	9 42	1 44	23 43	10 43	20 1	20 18	12 6	17 20	4 55					
S 17	13 27	2n22	4 43	15 16	0 21	1 15	1 4	24 42	1 19	10 5	0 57	22 31	0 51	6 33	0 48	9 43	1 44	23 43	10 44	20 1	20 18	12 8	17 20	4 55					
M18	13 47	7 37	3 58	16 6	0 32	1 9	0 54	24 43	1 19	10 1	0 57	22 31	0 51	6 34	0 48	9 44	1 44	23 43	10 44	20 0	20 17	12 10	17 21	4 55					
T 19	14 6	12 29	2 56	16 55	0 42	1 3	0 45	24 45	1 19	9 57	0 57	22 31	0 51	6 34	0 48	9 45	1 44	23 43	10 44	19 59	20 16	12 12	17 22	4 55					
W20	14 25	16 34	1 41	17 42	0 53	0 56	0 36	24 46	1 19	9 54	0 57	22 31	0 51	6 35	0 48	9 45	1 44	23 43	10 45	19 59	20 16	12 13	17 23	4 55					
T 21	14 43	19 29	0 20	18 27	1 3	0 48	0 27	24 47	1 19	9 50	0 57	22 31	0 51	6 35	0 48	9 46	1 44	23 43	10 45	19 59	20 15	12 15	17 23	4 55					
F 22	15 1	21 1	1s 2	19 11	1 12	0 40	0 19	24 47	1 19	9 46	0 58	22 31	0 51	6 36	0 48	9 47	1 44	23 43	10 45	19 59	20 14	12 17	17 24	4 55					
S 23	15 19	21 6	2 17	19 52	1 22	0 30	0 11	24 48	1 19	9 43	0 58	22 31	0 51	6 36	0 47	9 48	1 44	23 43	10 46	19 59	20 13	12 19	17 25	4 55					
S 24	15 37	19 51	3 22	20 30	1 30	0 21	0 3	24 48	1 19	9 40	0 58	22 31	0 51	6 36	0 47	9 48	1 44	23 43	10 46	19 59	20 13	12 21	17 25	4 55					
M25	15 55	17 29	4 14	21 7	1 39	0 11	0s 5	24 49	1 19	9 36	0 58	22 31	0 51	6 37	0 47	9 49	1 44	23 43	10 46	20 0	20 12	12 22	17 26	4 54					
T 26	16 12	14 17	4 50	21 41	1 46	0n 0	0 13	24 49	1 19	9 33	0 58	22 31	0 51	6 37	0 47	9 50	1 44	23 43	10 47	20 0	20 11	12 24	17 27	4 54					
W27	16 29	10 30	5 11	22 12	1 53	0 12	0 20	24 49	1 19	9 29	0 59	22 32	0 51	6 37	0 47	9 51	1 44	23 43	10 47	20 0	20 11	12 26	17 28	4 54					
T 28	16 46	6 22	5 17	22 41	1 59	0 24	0 27	24 48	1 19	9 26	0 59	22 32	0 51	6 38	0 47	9 51	1 44	23 44	10 47	20 0	20 10	12 28	17 28	4 54					
F 29	17 2	2 3	5 8	23 7	2 5	0 36	0 34	24 48	1 19	9 23	0 59	22 32	0 51	6 38	0 47	9 52	1 44	23 44	10 47	19 59	20 9	12 30	17 29	4 54					
S 30	17n19	2s16	4s45	23n31	2n10	0n49	0s41	24n47	1n19	9s20	0s59	22s32	0n51	6n38	0n47	9n53	1s44	23s44	10s48	19s59	20s 9	12s31	17n30	4s54					

ASTRODIENST EPHEMERIS for the year 1547

geocentric

MAY 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 11 19	19°14'15	6°38	7°15	4°25	3°17	8°38	5°R22	15°R 1	0° 5	23°55	28°R59	29°M42	25°25	12°11	S 1
M 2	15 15 16	20°12'00	18°27	9°28	5°14	3°54	8°46	5°30	15°M 0	0° 7	23°56	28°M58	29°39	25°31	12°44	M 2
T 3	15 19 12	21° 9'43	0°16	11° 3	6° 4	4°31	8°55	5°18	15° 0	0° 9	23°56	28°57	29°36	25°38	12°49	T 3
W 4	15 23 9	22° 7'25	12° 7	12°35	6°55	5° 9	9° 4	5°15	14°59	0°11	23°56	28°56	29°32	25°45	12°54	W 4
T 5	15 27 5	23° 5'06	24° 3	14° 4	7°46	5°46	9°12	5°12	14°59	0°13	23°57	28°D56	29°29	25°51	12°59	T 5
F 6	15 31 2	24° 2'46	6° 4	15°29	8°38	6°23	9°20	5°10	14°58	0°15	23°57	28°56	29°26	25°58	13° 5	F 6
S 7	15 34 59	25° 0'24	18°14	16°50	9°31	7° 0	9°29	5° 7	14°58	0°17	23°57	28°56	29°23	26° 5	13°10	S 7
S 8	15 38 55	25°58'01	0°34	18° 8	10°24	7°38	9°37	5° 4	14°58	0°19	23°57	28°57	29°20	26°11	13°15	S 8
M 9	15 42 52	26°55'37	13° 7	19°22	11°18	8°15	9°45	5° 1	14°57	0°21	23°58	28°57	29°16	26°18	13°20	M 9
T 10	15 46 48	27°53'12	25°54	20°33	12°12	8°52	9°52	4°58	14°57	0°23	23°58	28°57	29°13	26°25	13°26	T 10
W11	15 50 45	28°50'46	8°58	21°40	13° 7	9°29	10° 0	4°55	14°57	0°26	23°58	28°R57	29°10	26°31	13°31	W11
T 12	15 54 41	29°48'19	22°20	22°43	14° 2	10° 7	10° 7	4°52	14°57	0°28	23°58	28°57	29° 7	26°38	13°36	T 12
F 13	15 58 38	0°14'51	6° 2	23°42	14°58	10°44	10°15	4°49	14°57	0°30	23°58	28°D57	29° 4	26°45	13°41	F 13
S 14	16 2 34	1°43'23	20° 4	24°38	15°54	11°21	10°22	4°45	14°D57	0°32	23°58	28°57	29° 1	26°51	13°47	S 14
S 15	16 6 31	2°40'53	4°Y26	25°30	16°51	11°58	10°29	4°42	14°57	0°34	23°58	28°57	28°57	26°58	13°52	S 15
M16	16 10 28	3°38'23	19° 4	26°17	17°48	12°36	10°36	4°39	14°57	0°36	23°R58	28°58	28°54	27° 5	13°57	M16
T 17	16 14 24	4°35'52	3°54	27° 1	18°46	13°13	10°43	4°35	14°57	0°38	23°58	28°58	28°51	27°11	14° 3	T 17
W18	16 18 21	5°33'20	18°49	27°40	19°44	13°50	10°49	4°32	14°57	0°39	23°58	28°59	28°48	27°18	14° 8	W18
T 19	16 22 17	6°30'47	3°14	28°15	20°42	14°28	10°55	4°28	14°57	0°41	23°58	28°R59	28°45	27°25	14°14	T 19
F 20	16 26 14	7°28'14	18°24	28°45	21°41	15° 5	11° 2	4°25	14°58	0°43	23°58	28°58	28°42	27°31	14°19	F 20
S 21	16 30 10	8°25'39	2°50	29°12	22°40	15°42	11° 8	4°21	14°58	0°45	23°58	28°57	28°38	27°38	14°24	S 21
S 22	16 34 7	9°23'04	16°53	29°33	23°39	16°20	11°14	4°17	14°58	0°47	23°58	28°56	28°35	27°45	14°30	S 22
M23	16 38 3	10°20'27	0°12	29°51	24°39	16°57	11°20	4°13	14°59	0°49	23°57	28°55	28°32	27°51	14°35	M23
T 24	16 42 0	11°17'49	13°45	0° 3	25°39	17°34	11°25	4° 9	14°59	0°51	23°57	28°54	28°29	27°58	14°41	T 24
W25	16 45 57	12°15'11	26°35	0°11	26°40	18°12	11°31	4° 6	15° 0	0°53	23°57	28°53	28°26	28° 5	14°46	W25
T 26	16 49 53	13°12'31	9°M 4	0°R15	27°40	18°49	11°36	4° 2	15° 1	0°54	23°57	28°D52	28°22	28°11	14°52	T 26
F 27	16 53 50	14° 9'50	21°16	0°13	28°41	19°26	11°41	3°58	15° 1	0°56	23°57	28°52	28°19	28°18	14°57	F 27
S 28	16 57 46	15° 7'08	3°16	0° 8	29°43	20° 4	11°46	3°54	15° 2	0°58	23°56	28°53	28°16	28°25	15° 2	S 28
S 29	17 1 43	16° 4'25	15° 8	29°15	0°44	20°41	11°51	3°50	15° 3	1° 0	23°56	28°54	28°13	28°31	15° 8	S 29
M30	17 5 39	17° 1'42	26°57	29°44	1°46	21°18	11°55	3°46	15° 4	1° 1	23°56	28°56	28°10	28°38	15°13	M30
T 31	17 9 36	17°11'58	8°M47	29°12	2°48	21°56	12°M 0	3°41	15°M 5	1° 3	23°55	28°M57	28°M 7	28°45	15°11	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
S 1	17n35	6s29	4s11	23n52	2n14	1n 2	0s47	24n46	1n19	9s17	1s 0	22s32	0n51	6n38	0n47	9n54
M 2	17 50	10 26	3 26	24 11	2 17	1 16	0 53	24 45	1 19	9 13	1 0	22 32	0 51	6 39	0 47	9 54
T 3	18 6	13 58	2 32	24 27	2 19	1 31	0 59	24 44	1 19	9 10	1 0	22 32	0 51	6 39	0 47	9 55
W 4	18 21	16 58	1 32	24 41	2 21	1 45	1 5	24 42	1 19	9 7	1 0	22 32	0 51	6 39	0 47	9 56
T 5	18 35	19 16	0 27	24 53	2 22	2 0	1 11	24 41	1 19	9 4	1 1	22 32	0 51	6 39	0 47	9 57
F 6	18 50	20 43	0n40	25 3	2 22	2 16	1 16	24 39	1 19	9 2	1 1	22 33	0 51	6 39	0 47	9 57
S 7	19 4	21 14	1 45	25 10	2 21	2 32	1 21	24 37	1 19	8 59	1 1	22 33	0 51	6 39	0 47	9 58
S 8	19 18	20 43	2 47	25 16	2 19	2 48	1 26	24 35	1 19	8 56	1 1	22 33	0 51	6 40	0 47	9 59
M 9	19 31	19 10	3 42	25 20	2 16	3 5	1 31	24 33	1 18	8 53	1 2	22 33	0 51	6 40	0 47	9 59
T 10	19 44	16 39	4 26	25 22	2 12	3 22	1 36	24 30	1 18	8 50	1 2	22 33	0 51	6 40	0 47	10 0
W11	19 57	13 15	4 59	25 22	2 8	3 39	1 40	24 28	1 18	8 48	1 2	22 33	0 51	6 40	0 47	10 1
T 12	20 9	9 7	5 16	25 20	2 3	3 57	1 45	24 25	1 18	8 45	1 2	22 33	0 51	6 40	0 47	10 2
F 13	20 22	4 26	5 15	25 17	1 56	4 14	1 49	24 22	1 18	8 43	1 3	22 33	0 51	6 40	0 47	10 2
S 14	20 33	0n36	4 56	25 12	1 49	4 32	1 53	24 19	1 18	8 40	1 3	22 34	0 51	6 40	0 47	10 3
S 15	20 45	5 43	4 19	25 6	1 41	4 51	1 56	24 15	1 18	8 38	1 3	22 34	0 51	6 40	0 47	10 4
M16	20 56	10 38	3 24	24 59	1 33	5 9	2 0	24 12	1 18	8 35	1 3	22 34	0 51	6 40	0 47	10 4
T 17	21 7	14 58	2 15	24 51	1 23	5 28	2 3	24 8	1 18	8 33	1 4	22 34	0 51	6 39	0 46	10 5
W18	21 17	18 22	0 56	24 41	1 12	5 47	2 7	24 4	1 18	8 31	1 4	22 34	0 51	6 39	0 46	10 5
T 19	21 27	20 31	0s26	24 30	1 1	6 6	2 10	24 0	1 18	8 29	1 4	22 34	0 51	6 39	0 46	10 6
F 20	21 37	21 14	1 46	24 19	0 49	6 25	2 13	23 56	1 18	8 26	1 5	22 35	0 51	6 39	0 46	10 7
S 21	21 46	20 31	2 57	24 6	0 36	6 45	2 15	23 51	1 18	8 24	1 5	22 35	0 51	6 39	0 46	10 7
S 22	21 55	18 32	3 56	23 53	0 23	7 4	2 18	23 47	1 18	8 22	1 5	22 35	0 51	6 39	0 46	10 8
M23	22 3	15 33	4 39	23 39	0 9	7 24	2 20	23 42	1 17	8 20	1 5	22 35	0 51	6 38	0 46	10 9
T 24	22 11	11 51	5 6	23 24	0s 6	7 44	2 23	23 37	1 17	8 19	1 6	22 35	0 51	6 38	0 46	10 9
W25	22 19	7 43	5 17	23 8	0 21	8 3	2 25	23 32	1 17	8 17	1 6	22 35	0 51	6 38	0 46	10 10
T 26	22 26	3 22	5 12	22 52	0 37	8 23	2 27	23 27	1 17	8 15	1 6	22 36	0 51	6 38	0 46	10 10
F 27	22 33	1s 1	4 53	22 36	0 54	8 43	2 28	23 21	1 17	8 13	1 6	22 36	0 51	6 37	0 46	10 11
S 28	22 40	5 18	4 22	22 20	1 10	9 3	2 30	23 16	1 17	8 12	1 7	22 36	0 50	6 37	0 46	10 12
S 29	22 46	9 21	3 39	22 3	1 27	9 23	2 31	23 10	1 17	8 10	1 7	22 36	0 50	6 37	0 46	10 12
M30	22 52	13 1	2 48	21 46	1 44	9 44	2 33	23 4	1 17	8 9	1 7	22 36	0 50	6 36	0 46	10 13
T 31	22n57	16s11	1s49	21n29	2s 1	10n 4	2s34	22n58	1n17	8s 7	1s 8	22s36	0n50	6n36	0n46	10n13

Julian Day Number = 2286219.5, Delta T = 185.68 sec

Ecliptic obliquity = 23°29'49", Nutation = 0°00'14", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°25'26", Lahiri = 17°32'26" Julian Calendar 1 May 1547 == Greg. Calendar 11 May 1547

ASTRODIENST EPHEMERIS for the year 1547

geocentric

JUNE 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	17 13 32	18 ^{II} 56'12	20 ^{III} 42	29°R 4	3 ^{III} 50	22 ^{III} 33	12 ^{II} 4	3°R37	15 ^{III} 5	1 ^{III} 5	23°R55	28 ^{III} 58	28 ^{III} 3	28 ^{III} 51	15 ^{II} 24	W 1
T 2	17 17 29	19°53'26	2 ^{II} 44	28 ^{II} 40	4°53	23°10	12° 8	3 ^{III} 33	15° 6	1° 6	23 ^{III} 54	28°R58	28° 0	28°58	15°30	T 2
F 3	17 21 26	20°50'40	14°57	28°12	5°56	23°48	12°12	3°29	15° 7	1° 8	23°54	28°57	27°57	29° 5	15°35	F 3
S 4	17 25 22	21°47'53	27°22	27°41	6°59	24°25	12°16	3°25	15° 9	1° 9	23°54	28°55	27°54	29°11	15°40	S 4
S 5	17 29 19	22°45'06	10 ^{III} 0	27° 9	8° 2	25° 2	12°19	3°20	15°10	1°11	23°53	28°52	27°51	29°18	15°46	S 5
M 6	17 33 15	23°42'18	22°51	26°35	9° 6	25°40	12°23	3°16	15°11	1°13	23°53	28°49	27°48	29°25	15°51	M 6
T 7	17 37 12	24°39'30	5 ^{III} 57	26° 1	10°10	26°17	12°26	3°12	15°12	1°14	23°52	28°45	27°44	29°31	15°57	T 7
W 8	17 41 8	25°36'42	19°16	25°26	11°14	26°55	12°29	3° 7	15°13	1°16	23°52	28°41	27°41	29°38	16° 2	W 8
T 9	17 45 5	26°33'54	2 ^{II} 49	24°51	12°18	27°32	12°32	3° 3	15°15	1°17	23°51	28°39	27°38	29°45	16° 8	T 9
F 10	17 49 1	27°31'06	16°35	24°17	13°22	28° 9	12°34	2°59	15°16	1°19	23°50	28°37	27°35	29°51	16°13	F 10
S 11	17 52 58	28°28'17	0 ^{III} 33	23°45	14°27	28°47	12°37	2°54	15°18	1°20	23°50	28°D37	27°32	29°58	16°18	S 11
S 12	17 56 55	29°25'29	14°43	23°15	15°32	29°24	12°39	2°50	15°19	1°21	23°49	28°37	27°28	0 ^{III} 5	16°24	S 12
M13	18 0 51	0 ^{III} 22'41	29° 3	22°47	16°37	0 ^{III} 2	12°41	2°45	15°21	1°23	23°48	28°39	27°25	0°11	16°29	M13
T 14	18 4 48	1°19'53	13 ^{III} 30	22°23	17°42	0°39	12°43	2°41	15°22	1°24	23°48	28°40	27°22	0°18	16°34	T 14
W15	18 8 44	2°17'06	28° 1	22° 1	18°47	1°17	12°45	2°37	15°24	1°25	23°47	28°R40	27°19	0°25	16°40	W15
T 16	18 12 41	3°14'18	12 ^{II} 31	21°44	19°53	1°54	12°46	2°32	15°26	1°27	23°46	28°40	27°16	0°31	16°45	T 16
F 17	18 16 37	4°11'31	26°55	21°31	20°59	2°32	12°47	2°28	15°27	1°28	23°46	28°37	27°13	0°38	16°50	F 17
S 18	18 20 34	5° 8'43	11 ^{III} 7	21°22	22° 4	3° 9	12°48	2°23	15°29	1°29	23°45	28°33	27° 9	0°45	16°56	S 18
S 19	18 24 30	6° 5'55	25° 2	21°D18	23°10	3°47	12°49	2°19	15°31	1°30	23°44	28°28	27° 6	0°51	17° 1	S 19
M20	18 28 27	7° 3'08	8 ^{III} 37	21°19	24°17	4°24	12°50	2°15	15°33	1°32	23°43	28°22	27° 3	0°58	17° 6	M20
T 21	18 32 24	8° 0'20	21°49	21°25	25°23	5° 2	12°51	2°10	15°35	1°33	23°43	28°16	27° 0	1° 5	17°11	T 21
W22	18 36 20	8°57'32	4 ^{III} 40	21°36	26°29	5°39	12°51	2° 6	15°37	1°34	23°42	28°11	26°57	1°11	17°17	W22
T 23	18 40 17	9°54'44	17°10	21°52	27°36	6°17	12°R51	2° 1	15°39	1°35	23°41	28° 6	26°54	1°18	17°22	T 23
F 24	18 44 13	10°51'56	29°23	22°13	28°43	6°54	12°51	1°57	15°41	1°36	23°40	28° 4	26°50	1°25	17°27	F 24
S 25	18 48 10	11°49'07	11 ^{III} 23	22°40	29°50	7°32	12°51	1°53	15°43	1°37	23°39	28°D 3	26°47	1°31	17°32	S 25
S 26	18 52 6	12°46'19	23°15	23°11	0 ^{III} 57	8° 9	12°50	1°49	15°45	1°38	23°38	28° 4	26°44	1°38	17°37	S 26
M27	18 56 3	13°43'31	5 ^{III} 4	23°48	2° 4	8°47	12°50	1°44	15°47	1°39	23°37	28° 5	26°41	1°45	17°42	M27
T 28	18 59 59	14°40'43	16°56	24°30	3°11	9°24	12°49	1°40	15°49	1°40	23°36	28° 6	26°38	1°51	17°47	T 28
W29	19 3 56	15°37'55	28°54	25°17	4°18	10° 2	12°48	1°36	15°52	1°41	23°35	28°R 7	26°34	1°58	17°52	W29
T 30	19 7 53	16°35'07	11 ^{III} 4	26 ^{II} 9	5 ^{III} 26	10 ^{III} 40	12 ^{II} 46	1°32	15 ^{III} 54	1°42	23 ^{III} 34	28 ^{III} 6	26 ^{III} 31	2 ^{III} 5	17 ^{II} 57	T 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	23n 2	18s42	0s46	21n12	2s18	10n24	2s35	22n52	1n16	8s 6	1s 8	22s37	0n50	6n36	0n46	10n14
T 2	23 7	20 25	0n21	20 55	2 34	10 44	2 36	22 45	1 16	8 5	1 8	22 37	0 50	6 35	0 46	10 14
F 3	23 11	21 12	1 27	20 39	2 50	11 4	2 37	22 39	1 16	8 3	1 9	22 37	0 50	6 35	0 46	10 15
S 4	23 15	20 58	2 30	20 23	3 5	11 24	2 38	22 32	1 16	8 2	1 9	22 37	0 50	6 34	0 46	10 15
S 5	23 18	19 41	3 27	20 8	3 20	11 44	2 38	22 25	1 16	8 1	1 9	22 37	0 50	6 34	0 46	10 16
M 6	23 21	17 22	4 14	19 54	3 33	12 3	2 39	22 18	1 16	8 0	1 9	22 37	0 50	6 33	0 46	10 16
T 7	23 23	14 9	4 49	19 40	3 46	12 23	2 39	22 11	1 16	7 59	1 10	22 38	0 50	6 33	0 46	10 17
W 8	23 25	10 11	5 9	19 28	3 57	12 43	2 39	22 4	1 16	7 58	1 10	22 38	0 50	6 32	0 46	10 17
T 9	23 27	5 38	5 13	19 16	4 8	13 2	2 39	21 56	1 15	7 57	1 10	22 38	0 50	6 32	0 45	10 18
F 10	23 28	0 44	4 58	19 6	4 16	13 22	2 39	21 49	1 15	7 57	1 11	22 38	0 50	6 31	0 45	10 18
S 11	23 29	4n18	4 26	18 58	4 24	13 41	2 39	21 41	1 15	7 56	1 11	22 38	0 50	6 30	0 45	10 19
S 12	23 30	9 10	3 38	18 50	4 30	14 0	2 38	21 33	1 15	7 55	1 11	22 38	0 50	6 30	0 45	10 19
M13	23 30	13 35	2 35	18 44	4 34	14 19	2 38	21 25	1 15	7 55	1 12	22 39	0 49	6 29	0 45	10 19
T 14	23 29	17 14	1 22	18 40	4 37	14 38	2 38	21 16	1 15	7 55	1 12	22 39	0 49	6 28	0 45	10 20
W15	23 29	19 50	0 4	18 38	4 38	14 56	2 37	21 8	1 15	7 54	1 12	22 39	0 49	6 28	0 45	10 20
T 16	23 27	21 7	1s15	18 37	4 38	15 15	2 36	21 0	1 14	7 54	1 12	22 39	0 49	6 27	0 45	10 21
F 17	23 26	21 0	2 28	18 37	4 37	15 33	2 35	20 51	1 14	7 54	1 13	22 39	0 49	6 26	0 45	10 21
S 18	23 24	19 32	3 31	18 40	4 34	15 51	2 34	20 42	1 14	7 54	1 13	22 39	0 49	6 26	0 45	10 21
S 19	23 21	16 55	4 20	18 44	4 30	16 8	2 33	20 33	1 14	7 53	1 13	22 40	0 49	6 25	0 45	10 22
M20	23 18	13 27	4 52	18 49	4 24	16 25	2 32	20 24	1 14	7 53	1 14	22 40	0 49	6 24	0 45	10 22
T 21	23 15	9 24	5 8	18 56	4 18	16 43	2 31	20 15	1 14	7 54	1 14	22 40	0 49	6 23	0 45	10 22
W22	23 12	5 2	5 8	19 4	4 10	16 59	2 30	20 5	1 13	7 54	1 14	22 40	0 49	6 23	0 45	10 23
T 23	23 8	0 35	4 53	19 13	4 2	17 16	2 28	19 56	1 13	7 54	1 15	22 40	0 49	6 22	0 45	10 23
F 24	23 3	3s49	4 25	19 24	3 52	17 32	2 27	19 46	1 13	7 54	1 15	22 40	0 48	6 21	0 45	10 23
S 25	22 58	7 59	3 46	19 36	3 42	17 48	2 25	19 36	1 13	7 55	1 15	22 41	0 48	6 20	0 45	10 24
S 26	22 53	11 48	2 58	19 48	3 31	18 3	2 24	19 26	1 13	7 55	1 15	22 41	0 48	6 19	0 45	10 24
M27	22 47	15 9	2 2	20 1	3 20	18 18	2 22	19 16	1 13	7 56	1 16	22 41	0 48	6 18	0 45	10 24
T 28	22 41	17 54	1 0	20 15	3 8	18 33	2 20	19 6	1 12	7 56	1 16	22 41	0 48	6 17	0 45	10 25
W29	22 35	19 54	0n 4	20 30	2 55	18 48	2 18	18 56	1 12	7 57	1 16	22 41	0 48	6 17	0 45	10 25
T 30	22n28	21s 1	1n 9	20n44	2s42	19n 2	2s16	18n45	1n12	7s58	1s17	22s41	0n48	6n16	0n45	10n25

Julian Day Number = 2286250.5, Delta T = 185.49 sec

Ecliptic obliquity = 23°29'48, Nutation = 0°00'14, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°25'30, Lahiri = 17°32'30 Julian Calendar 1 June 1547 == Greg. Calendar 11 June 1547

ASTRODIENST EPHEMERIS for the year 1547

geocentric

JULY 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	19 11 49	17°32'19	23♌27	27♊ 6	6♊34	11♊17	12°R45	1°R27	15♍56	1♌43	23°R33	28°R 3	26♌28	2♌11	18♊ 2	F 1
S 2	19 15 46	18°29'32	6♈ 7	28° 8	7°41	11°55	12°H43	1°323	15°59	1°43	23°32	27♌58	26°25	2°18	18° 7	S 2
S 3	19 19 42	19°26'45	19° 5	29°15	8°49	12°33	12°42	1°19	16° 1	1°44	23°31	27°51	26°22	2°25	18°12	S 3
M 4	19 23 39	20°23'59	2♈19	0°26	9°57	13°10	12°40	1°15	16° 4	1°45	23°30	27°43	26°19	2°31	18°17	M 4
T 5	19 27 35	21°21'13	15°49	1°43	11° 6	13°48	12°37	1°11	16° 6	1°46	23°29	27°34	26°15	2°38	18°22	T 5
W 6	19 31 32	22°18'28	29°32	3° 3	12°14	14°25	12°35	1° 7	16° 9	1°46	23°28	27°26	26°12	2°45	18°27	W 6
T 7	19 35 28	23°15'43	13♋24	4°29	13°22	15° 3	12°32	1° 3	16°11	1°47	23°27	27°19	26° 9	2°51	18°32	T 7
F 8	19 39 25	24°13'00	27°24	5°58	14°31	15°41	12°30	0°59	16°14	1°48	23°26	27°14	26° 6	2°58	18°37	F 8
S 9	19 43 22	25°10'17	11♍29	7°32	15°39	16°19	12°27	0°56	16°17	1°48	23°25	27°11	26° 3	3° 5	18°41	S 9
S 10	19 47 18	26° 7'35	25°37	9°10	16°48	16°56	12°24	0°52	16°19	1°49	23°24	27°D10	26° 0	3°11	18°46	S 10
M 11	19 51 15	27° 4'54	9♌46	10°52	17°57	17°34	12°20	0°48	16°22	1°49	23°23	27°11	25°56	3°18	18°51	M 11
T 12	19 55 11	28° 2'15	23°56	12°37	19° 6	18°12	12°17	0°44	16°25	1°50	23°22	27°R11	25°53	3°24	18°55	T 12
W 13	19 59 8	28°59'36	8♊ 4	14°26	20°15	18°49	12°13	0°41	16°28	1°50	23°20	27°11	25°50	3°31	19° 0	W 13
T 14	20 3 4	29°56'59	22° 8	16°17	21°24	19°27	12° 9	0°37	16°31	1°51	23°19	27° 8	25°47	3°38	19° 4	T 14
F 15	20 7 1	0♌54'22	6♈ 7	18°12	22°34	20° 5	12° 5	0°34	16°33	1°51	23°18	27° 3	25°44	3°44	19° 9	F 15
S 16	20 10 58	1°51'47	19°57	20° 9	23°43	20°43	12° 1	0°30	16°36	1°52	23°17	26°56	25°40	3°51	19°13	S 16
S 17	20 14 54	2°49'12	3♌33	22° 8	24°52	21°21	11°57	0°27	16°39	1°52	23°16	26°46	25°37	3°58	19°18	S 17
M 18	20 18 51	3°46'38	16°54	24° 9	26° 2	21°59	11°52	0°24	16°42	1°52	23°14	26°35	25°34	4° 4	19°22	M 18
T 19	20 22 47	4°44'06	29°57	26°11	27°12	22°36	11°47	0°20	16°45	1°53	23°13	26°24	25°31	4°11	19°27	T 19
W 20	20 26 44	5°41'34	12♍42	28°14	28°21	23°14	11°42	0°17	16°48	1°53	23°12	26°14	25°28	4°18	19°31	W 20
T 21	20 30 40	6°39'02	25° 8	0♌18	29°31	23°52	11°37	0°14	16°51	1°53	23°11	26° 5	25°25	4°24	19°35	T 21
F 22	20 34 37	7°36'32	7♌20	2°22	0♈41	24°30	11°32	0°11	16°55	1°53	23°10	25°59	25°21	4°31	19°39	F 22
S 23	20 38 33	8°34'02	19°19	4°27	1°51	25° 8	11°27	0° 8	16°58	1°53	23° 8	25°55	25°18	4°38	19°43	S 23
S 24	20 42 30	9°31'34	1♌10	6°31	3° 1	25°46	11°21	0° 5	17° 1	1°53	23° 7	25°54	25°15	4°44	19°48	S 24
M 25	20 46 26	10°29'06	12°59	8°35	4°12	26°24	11°16	0° 2	17° 4	1°53	23° 6	25°D53	25°12	4°51	19°52	M 25
T 26	20 50 23	11°26'39	24°50	10°38	5°22	27° 2	11°10	29♌59	17° 7	1°54	23° 5	25°R54	25° 9	4°58	19°56	T 26
W 27	20 54 20	12°24'13	6♌50	12°41	6°32	27°40	11° 4	29°57	17°10	1°R54	23° 3	25°53	25° 6	5° 4	20° 0	W 27
T 28	20 58 16	13°21'48	19° 3	14°42	7°43	28°18	10°58	29°54	17°14	1°54	23° 2	25°51	25° 2	5°11	20° 4	T 28
F 29	21 2 13	14°19'24	1♈34	16°43	8°53	28°56	10°52	29°52	17°17	1°53	23° 1	25°47	24°59	5°18	20° 7	F 29
S 30	21 6 9	15°17'01	14°25	18°42	10° 4	29°34	10°45	29°49	17°20	1°53	22°59	25°40	24°56	5°24	20°11	S 30
S 31	21 10 6	16°14'39	27♈39	20♌40	11♈15	0♍12	10°H39	29♌47	17°24	1♌53	22°58	25♌31	24♌53	5♌31	20♊15	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	lat	
F 1	22n21	21s 8	2n12	20n59	2s29	19n15	2s14	18n35	1n12	7s58	1s17	22s42	0n48	6n15	0n45	10n25	1s47	24s 9	11s 6	19s46	19s25	14s15	17n58	5s 0
S 2	22 13	20 11	3 10	21 14	2 15	19 29	2 12	18 24	1 12	7 59	1 17	22 42	0 48	6 14	0 45	10 26	1 47	24 9	11 6	19 45	19 24	14 17	17 58	5 1
S 3	22 5	18 11	3 59	21 28	2 2	19 41	2 10	18 13	1 11	8 0	1 18	22 42	0 48	6 13	0 45	10 26	1 47	24 10	11 7	19 44	19 23	14 18	17 58	5 1
M 4	21 57	15 12	4 37	21 42	1 48	19 54	2 7	18 2	1 11	8 1	1 18	22 42	0 47	6 12	0 45	10 26	1 47	24 10	11 7	19 42	19 22	14 20	17 59	5 1
T 5	21 48	11 22	4 59	21 55	1 34	20 6	2 5	17 51	1 11	8 2	1 18	22 42	0 47	6 11	0 45	10 26	1 47	24 11	11 7	19 40	19 22	14 21	17 59	5 2
W 6	21 39	6 53	5 6	22 8	1 20	20 17	2 3	17 40	1 11	8 4	1 18	22 42	0 47	6 10	0 44	10 26	1 47	24 11	11 7	19 38	19 21	14 23	17 59	5 2
T 7	21 29	2 1	4 54	22 20	1 6	20 28	2 0	17 29	1 11	8 5	1 19	22 42	0 47	6 9	0 44	10 27	1 47	24 12	11 8	19 36	19 20	14 24	17 59	5 2
F 8	21 19	3n 1	4 25	22 30	0 52	20 39	1 58	17 18	1 10	8 6	1 19	22 43	0 47	6 8	0 44	10 27	1 47	24 13	11 8	19 35	19 19	14 26	17 59	5 3
S 9	21 9	7 55	3 39	22 39	0 38	20 49	1 55	17 6	1 10	8 8	1 19	22 43	0 47	6 6	0 44	10 27	1 48	24 13	11 8	19 35	19 19	14 27	17 59	5 3
S 10	20 58	12 25	2 41	22 46	0 25	20 58	1 52	16 54	1 10	8 9	1 20	22 43	0 47	6 5	0 44	10 27	1 48	24 14	11 8	19 34	19 18	14 29	17 59	5 3
M 11	20 48	16 14	1 32	22 51	0 12	21 8	1 50	16 43	1 10	8 11	1 20	22 43	0 47	6 4	0 44	10 27	1 48	24 14	11 8	19 34	19 17	14 30	17 59	5 3
T 12	20 36	19 5	0 17	22 54	0n 0	21 16	1 47	16 31	1 10	8 12	1 20	22 43	0 46	6 3	0 44	10 27	1 48	24 15	11 8	19 35	19 16	14 32	17 59	5 4
W 13	20 25	20 45	0s58	22 55	0 12	21 24	1 44	16 19	1 9	8 14	1 20	22 43	0 46	6 2	0 44	10 27	1 48	24 15	11 9	19 35	19 16	14 34	17 59	5 4
T 14	20 13	21 7	2 9	22 54	0 24	21 32	1 42	16 7	1 9	8 16	1 21	22 43	0 46	6 1	0 44	10 27	1 48	24 16	11 9	19 34	19 15	14 35	17 59	5 4
F 15	20 0	20 9	3 12	22 50	0 35	21 39	1 39	15 55	1 9	8 17	1 21	22 44	0 46	6 0	0 44	10 28	1 48	24 16	11 9	19 33	19 14	14 37	17 59	5 5
S 16	19 48	18 1	4 3	22 43	0 45	21 45	1 36	15 42	1 9	8 19	1 21	22 44	0 46	5 59	0 44	10 28	1 48	24 17	11 9	19 31	19 13	14 38	17 59	5 5
S 17	19 35	14 53	4 39	22 34	0 54	21 51	1 33	15 30	1 8	8 21	1 22	22 44	0 46	5 57	0 44	10 28	1 48	24 18	11 9	19 29	19 13	14 40	17 59	5 6
M 18	19 21	11 4	4 58	22 22	1 3	21 56	1 30	15 17	1 8	8 23	1 22	22 44	0 46	5 56	0 44	10 28	1 48	24 18	11 9	19 26	19 12	14 41	17 59	5 6
T 19	19 8	6 48	5 2	22 8	1 11	22 1	1 27	15 5	1 8	8 25	1 22	22 44	0 46	5 55	0 44	10 28	1 48	24 19	11 10	19 24	19 11	14 43	17 59	5 6
W 20	18 54	2 20	4 51	21 50	1 18	22 5	1 24	14 52	1 8	8 27	1 22	22 44	0 45	5 54	0 44	10 28	1 48	24 19	11 10	19 21	19 10	14 44	17 59	5 7
T 21	18 39	2s 7	4 25	21 31	1 24	22 9	1 21	14 39	1 7	8 30	1 23	22 44	0 45	5 53	0 44	10 28	1 48	24 20	11 10	19 19	19 10	14 46	17 59	5 7
F 22	18 25	6 24	3 48	21 8	1 30	22 12	1 18	14 27	1 7	8 32	1 23	22 45	0 45	5 51	0 44	10 28	1 48	24 20	11 10	19 18	19 9	14 47	17 59	5 7
S 23	18 10	10 22	3 2	20 43	1 35	22 14	1 15	14 14	1 7	8 34	1 23	22 45	0 45	5 50	0 44	10 28	1 48	24 21	11 10	19 17	19 8	14 48	17 59	5 8
S 24	17 55	13 54	2 8	20 16	1 38	22 16	1 12	14 0	1 7	8 36	1 23	22 45	0 45	5 49	0 44	10 28	1 48	24 21	11 10	19 17	19 7	14 50	17 59	5 8
M 25	17 39	16 51	1 8	19 47	1 41	22 17	1 8	13 47	1 6	8 39	1 24	22 45	0 45	5 48	0 44	10 28	1 49	24 22	11 10	19 17	19 7	14 51	17 59	5 9
T 26	17 23	19 7	0 6	19 16	1 44	22 18	1 5	13 34	1 6	8 41	1 24	22 45	0 45	5 46	0 44	10 28	1 49	24 22	11 10	19 17	19 6	14 53	17 59	5 9
W 27	17 7	20 33	0n58	18 44	1 45	22 18	1 2	13 21	1 6	8 44	1 24	22 45	0 45	5 45	0 44	10 28	1 49	24 23	11 11	19 16	19 5	14 54	17 59	5 9
T 28	16 51	21 3	2 0	18 9	1 46	22 18	0 59	13 7	1 6	8 46	1 24	22 45	0 44	5 44	0 44	10 28	1 49	24 24	11 11	19 16	19 4	14 56	17 59	5 10
F 29	16 34	20 32	2 57	17 33	1 46	22 16	0 56	12 54	1 5	8 49	1 25	22 46	0 44	5 42	0 44	10 27	1 49	24 24	11 11	19 15	19 4	14 57	17 58	5 10
S 30	16 17	18 57	3 47	16 56	1 46	22 15	0 52	12 40	1 5	8 51	1 25	22 46	0 44	5 41	0 44	10 27	1 49	24 25	11 11	19 13	19 3	14 59	17 58	5 11
S 31	16n 0	16s20	4n26	16n17	1n44	22n12	0s49	12n26	1n 5	8s54	1s25	22s46	0n44	5n40	0n44	10n27	1s49	24s25	11s11	19s11	19s 2	15s 0	17n58	5s11

ASTRODIENST EPHEMERIS for the year 1547

geocentric

AUGUST 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	21 14 2	17♌12'19	11♍14	22♌37	12♍25	0♍50	10♌32	29♌45	17♍27	1♌53	22♌57	25♌20	24♌50	5♌38	20♌19	M 1
T 2	21 17 59	18° 9'59	25° 8	24°33	13°36	1°28	10♌25	29♌42	17°30	1♌53	22♌56	25♌8	24°46	5°44	20°22	T 2
W 3	21 21 55	19° 7'41	9♌17	26°27	14°47	2° 6	10♌19	29°40	17°34	1°53	22°54	24°56	24°43	5°51	20°26	W 3
T 4	21 25 52	20° 5'25	23°36	28°20	15°58	2°44	10°12	29°38	17°37	1°52	22°53	24°47	24°40	5°58	20°29	T 4
F 5	21 29 49	21° 3'10	7♌58	0♍11	17°10	3°22	10° 5	29°36	17°41	1°52	22°52	24°40	24°37	6° 4	20°33	F 5
S 6	21 33 45	22° 0'56	22°19	2° 1	18°21	4° 1	9°58	29°34	17°44	1°52	22°50	24°35	24°34	6°11	20°36	S 6
S 7	21 37 42	22°58'45	6♌36	3°50	19°32	4°39	9°50	29°33	17°48	1°52	22°49	24°33	24°31	6°17	20°40	S 7
M 8	21 41 38	23°56'35	20°45	5°37	20°43	5°17	9°43	29°31	17°51	1°51	22°48	24°33	24°27	6°24	20°43	M 8
T 9	21 45 35	24°54'27	4♌47	7°23	21°55	5°55	9°36	29°29	17°55	1°51	22°46	24°33	24°24	6°31	20°46	T 9
W10	21 49 31	25°52'21	18°40	9° 8	23° 7	6°33	9°28	29°28	17°58	1°50	22°45	24°32	24°21	6°37	20°49	W10
T 11	21 53 28	26°50'17	2♍25	10°51	24°18	7°12	9°21	29°27	18° 2	1°50	22°44	24°28	24°18	6°44	20°53	T 11
F 12	21 57 24	27°48'15	16° 0	12°33	25°30	7°50	9°13	29°25	18° 6	1°49	22°43	24°23	24°15	6°51	20°56	F 12
S 13	22 1 21	28°46'14	29°25	14°14	26°42	8°28	9° 5	29°24	18° 9	1°49	22°41	24°14	24°11	6°57	20°59	S 13
S 14	22 5 18	29°44'15	12♌39	15°53	27°54	9° 7	8°58	29°23	18°13	1°48	22°40	24° 3	24° 8	7° 4	21° 2	S 14
M15	22 9 14	0♍42'18	25°40	17°32	29° 6	9°45	8°50	29°22	18°16	1°48	22°39	23°50	24° 5	7°11	21° 4	M15
T 16	22 13 11	1°40'23	8♍27	19° 8	0♌18	10°23	8°42	29°21	18°20	1°47	22°37	23°37	24° 2	7°17	21° 7	T 16
W17	22 17 7	2°38'29	21° 0	20°44	1°30	11° 2	8°34	29°20	18°24	1°46	22°36	23°25	23°59	7°24	21°10	W17
T 18	22 21 4	3°36'36	3♌18	22°18	2°42	11°40	8°26	29°19	18°27	1°46	22°35	23°14	23°56	7°31	21°13	T 18
F 19	22 25 0	4°34'45	15°24	23°52	3°54	12°19	8°18	29°19	18°31	1°45	22°34	23° 6	23°52	7°37	21°15	F 19
S 20	22 28 57	5°32'56	27°19	25°23	5° 6	12°57	8°10	29°18	18°35	1°44	22°32	23° 1	23°49	7°44	21°18	S 20
S 21	22 32 53	6°31'09	9♌8	26°54	6°19	13°36	8° 2	29°18	18°39	1°43	22°31	22°59	23°46	7°51	21°20	S 21
M22	22 36 50	7°29'23	20°55	28°23	7°31	14°14	7°54	29°17	18°42	1°43	22°30	22°D58	23°43	7°57	21°23	M22
T 23	22 40 47	8°27'38	2♌46	29°52	8°44	14°53	7°47	29°17	18°46	1°42	22°29	22°R58	23°40	8° 4	21°25	T 23
W24	22 44 43	9°25'55	14°44	1♌19	9°56	15°31	7°39	29°17	18°50	1°41	22°27	22°58	23°37	8°11	21°27	W24
T 25	22 48 40	10°24'14	26°57	2°44	11° 9	16°10	7°31	29°D17	18°53	1°40	22°26	22°57	23°33	8°17	21°29	T 25
F 26	22 52 36	11°22'34	9♌29	4° 8	12°22	16°48	7°23	29°17	18°57	1°39	22°25	22°54	23°30	8°24	21°31	F 26
S 27	22 56 33	12°20'56	22°24	5°31	13°34	17°27	7°15	29°17	19° 1	1°38	22°24	22°48	23°27	8°30	21°33	S 27
S 28	23 0 29	13°19'19	5♍45	6°53	14°47	18° 6	7° 7	29°17	19° 5	1°37	22°22	22°40	23°24	8°37	21°35	S 28
M29	23 4 26	14°17'44	19°32	8°13	16° 0	18°44	6°59	29°18	19° 8	1°36	22°21	22°30	23°21	8°44	21°37	M29
T 30	23 8 22	15°16'11	3♌43	9°32	17°13	19°23	6°51	29°18	19°12	1°35	22°20	22°20	23°17	8°50	21°39	T 30
W31	23 12 19	16♍14'39	18♌14	10♌50	18♌26	20♍2	6♌44	29♌18	19♍16	1♌34	22♌19	22♌10	23♌14	8♌57	21♌41	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	15n43	12s46	4n52	15n38	1n43	22n 9	0s46	12n13	1n 5	8s57	1s25	22s46	0n44	5n38	0n44	10n27	1s49	24s26	11s11	19s 8	19s 1	15s 2	17n58	5s11							
T 2	15 25	8 27	5 1	14 57	1 40	22 5	0 43	11 59	1 4	9 0	1 25	22 46	0 44	5 37	0 44	10 27	1 49	24 26	11 11	19 6	19 0	15 3	17 58	5 12							
W 3	15 7	3 36	4 52	14 16	1 38	22 1	0 40	11 45	1 4	9 2	1 26	22 46	0 44	5 36	0 44	10 27	1 49	24 27	11 11	19 3	19 0	15 5	17 58	5 12							
T 4	14 49	1n29	4 24	13 33	1 34	21 56	0 36	11 31	1 4	9 5	1 26	22 46	0 43	5 34	0 44	10 27	1 49	24 27	11 11	19 1	18 59	15 6	17 57	5 13							
F 5	14 31	6 32	3 40	12 51	1 31	21 51	0 33	11 17	1 4	9 8	1 26	22 46	0 43	5 33	0 44	10 27	1 49	24 28	11 11	18 59	18 58	15 7	17 57	5 13							
S 6	14 12	11 12	2 42	12 7	1 26	21 45	0 30	11 3	1 3	9 11	1 26	22 47	0 43	5 32	0 44	10 26	1 49	24 28	11 11	18 58	18 57	15 9	17 57	5 14							
S 7	13 53	15 13	1 33	11 24	1 22	21 38	0 27	10 48	1 3	9 14	1 26	22 47	0 43	5 30	0 44	10 26	1 49	24 29	11 11	18 57	18 57	15 10	17 57	5 14							
M 8	13 34	18 18	0 20	10 40	1 17	21 30	0 23	10 34	1 3	9 17	1 26	22 47	0 43	5 29	0 44	10 26	1 49	24 29	11 11	18 57	18 56	15 12	17 57	5 14							
T 9	13 15	20 16	0s54	9 55	1 12	21 22	0 20	10 20	1 3	9 20	1 27	22 47	0 43	5 27	0 44	10 26	1 49	24 30	11 12	18 57	18 55	15 13	17 56	5 15							
W10	12 56	20 57	2 4	9 11	1 6	21 14	0 17	10 5	1 2	9 23	1 27	22 47	0 43	5 26	0 44	10 26	1 50	24 30	11 12	18 57	18 54	15 14	17 56	5 15							
T 11	12 36	20 23	3 6	8 26	1 0	21 5	0 14	9 51	1 2	9 26	1 27	22 47	0 42	5 25	0 44	10 25	1 50	24 31	11 12	18 56	18 53	15 16	17 56	5 16							
F 12	12 16	18 37	3 56	7 42	0 54	20 55	0 11	9 36	1 2	9 29	1 27	22 47	0 42	5 23	0 44	10 25	1 50	24 31	11 12	18 55	18 53	15 17	17 56	5 16							
S 13	11 56	15 52	4 33	6 57	0 47	20 44	0 8	9 22	1 1	9 32	1 27	22 48	0 42	5 22	0 44	10 25	1 50	24 32	11 12	18 52	18 52	15 19	17 55	5 17							
S 14	11 35	12 20	4 55	6 12	0 41	20 33	0 5	9 7	1 1	9 35	1 27	22 48	0 42	5 20	0 44	10 25	1 50	24 32	11 12	18 50	18 51	15 20	17 55	5 17							
M15	11 15	8 17	5 0	5 27	0 34	20 22	0 2	8 52	1 1	9 38	1 27	22 48	0 42	5 19	0 44	10 25	1 50	24 32	11 12	18 47	18 50	15 22	17 55	5 18							
T 16	10 54	3 56	4 51	4 43	0 27	20 10	0n 2	8 37	1 0	9 41	1 28	22 48	0 42	5 17	0 44	10 24	1 50	24 33	11 12	18 43	18 50	15 23	17 54	5 18							
W17	10 33	0s31	4 27	3 59	0 19	19 57	0 5	8 22	1 0	9 44	1 28	22 48	0 42	5 16	0 44	10 24	1 50	24 33	11 12	18 40	18 49	15 24	17 54	5 19							
T 18	10 12	4 51	3 51	3 15	0 12	19 44	0 8	8 8	1 0	9 47	1 28	22 48	0 41	5 15	0 44	10 24	1 50	24 34	11 12	18 38	18 48	15 26	17 54	5 19							
F 19	9 51	8 55	3 5	2 31	0 4	19 30	0 11	7 53	1 0	9 50	1 28	22 48	0 41	5 13	0 43	10 23	1 50	24 34	11 12	18 36	18 47	15 27	17 53	5 20							
S 20	9 30	12 35	2 12	1 47	0s 3	19 15	0 13	7 37	0 59	9 53	1 28	22 49	0 41	5 12	0 43	10 23	1 50	24 35	11 12	18 34	18 46	15 28	17 53	5 20							
S 21	9 8	15 44	1 13	1 4	0 11	19 0	0 16	7 22	0 59	9 56	1 28	22 49	0 41	5 10	0 43	10 23	1 50	24 35	11 12	18 34	18 46	15 30	17 53	5 21							
M22	8 47	18 12	0 11	0 21	0 19	18 45	0 19	7 7	0 59	9 59	1 28	22 49	0 41	5 9	0 43	10 22	1 50	24 35	11 12	18 34	18 45	15 31	17 52	5 21							
T 23	8 25	19 55	0n52	0s22	0 27	18 29	0 22	6 52	0 58	10 2	1 28	22 49	0 41	5 7	0 43	10 22	1 50	24 36	11 12	18 34	18 44	15 33	17 52	5 22							
W24	8 3	20 45	1 53	1 4	0 35	18 12	0 25	6 37	0 58	10 5	1 28	22 49	0 41	5 6	0 43	10 22	1 50	24 36	11 12	18 34	18 43	15 34	17 52	5 22							
T 25	7 41	20 37	2 50	1 45	0 43	17 55	0 28	6 21	0 58	10 8	1 28	22 49	0 40	5 4	0 43	10 21	1 50	24 37	11 12	18 33	18 42	15 35	17 51	5 23							
F 26	7 19	19 29	3 41	2 26	0 52	17 37	0 30	6 6	0 57	10 11	1 28	22 49	0 40	5 3	0 43	10 21	1 50	24 37	11 11	18 32	18 42	15 37	17 51	5 23							
S 27	6 57	17 19	4 22	3 7	1 0	17 19	0 33	5 51	0 57	10 14	1 28	22 50	0 40	5 1	0 43	10 21	1 50	24 37	11 11	18 31	18 41	15 38	17 50	5 24							
S 28	6 34	14 11	4 50	3 47	1 8	17 0	0 36	5 35	0 57	10 17	1 28	22 50	0 40	5 0	0 43	10 20	1 50	24 38	11 11	18 29	18 40	15 39	17 50	5 24							
M29	6 12	10 12	5 3	4 26	1 16	16 41	0 38	5 20	0 56	10 20	1 28	22 50	0 40	4 58	0 43	10 20	1 51	24 38	11 11	18 27	18 39	15 41	17 50	5 25							
T 30	5 49	5 33	4 57	5 5	1 24	16 22	0 41	5 4	0 56	10 23	1 28	22 50	0 40	4 57	0 43	10 19	1 51	24 38	11 11	18 24	18 38	15 42	17 49	5 25							
W31	5n26	0s29	4n33	5s43	1s33	16n 2	0n43	4n49	0n56	10s26	1s28	22s50	0n40	4n55	0n43	10n19	1s51	24s39	11s11	18s21	18s38	15s43	17n49	5s26							

ASTRODIENST EPHEMERIS for the year 1547

geocentric

OCTOBER 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 14 32	16♌44'41	11♏35	23°R12	26♍36	10♌15	3°R34	0♌22	21♍11	0°R51	21°R50	20°R14	21♍36	12♍23	21°R55	S 1
S 2	1 18 29	17°44'14	26°32	22♌ 1	27°51	10°55	3♌31	0°25	21°14	0♌49	21°49	20°D13	21°33	12°30	21♌55	S 2
M 3	1 22 25	18°43'50	11♌13	20°48	29° 6	11°35	3°27	0°29	21°18	0°48	21°49	20♍14	21°29	12°36	21°54	M 3
T 4	1 26 22	19°43'28	25°33	19°34	0♌20	12°14	3°24	0°32	21°21	0°46	21°48	20°16	21°26	12°43	21°53	T 4
W 5	1 30 18	20°43'09	9♌31	18°20	1°35	12°54	3°21	0°36	21°25	0°45	21°48	20°17	21°23	12°50	21°52	W 5
T 6	1 34 15	21°42'52	23° 7	17°10	2°50	13°34	3°18	0°40	21°28	0°43	21°47	20°R18	21°20	12°56	21°51	T 6
F 7	1 38 11	22°42'37	6♌21	16° 6	4° 5	14°14	3°15	0°44	21°31	0°41	21°47	20°17	21°17	13° 3	21°49	F 7
S 8	1 42 8	23°42'24	19°16	15° 8	5°19	14°53	3°13	0°48	21°35	0°40	21°46	20°15	21°14	13°10	21°48	S 8
S 9	1 46 5	24°42'13	1♍56	14°20	6°34	15°33	3°10	0°52	21°38	0°38	21°46	20°12	21°10	13°16	21°47	S 9
M10	1 50 1	25°42'05	14°21	13°42	7°49	16°13	3° 8	0°56	21°41	0°36	21°45	20° 8	21° 7	13°23	21°45	M10
T 11	1 53 58	26°41'59	26°35	13°15	9° 4	16°53	3° 6	1° 0	21°45	0°35	21°45	20° 4	21° 4	13°30	21°44	T 11
W12	1 57 54	27°41'54	8♌39	12°59	10°19	17°33	3° 4	1° 5	21°48	0°33	21°44	20° 0	21° 1	13°36	21°42	W12
T 13	2 1 51	28°41'52	20°36	12°D55	11°34	18°13	3° 3	1° 9	21°51	0°31	21°44	19°57	20°58	13°43	21°40	T 13
F 14	2 5 47	29°41'52	2♍28	13° 2	12°49	18°53	3° 2	1°13	21°54	0°29	21°44	19°55	20°54	13°50	21°39	F 14
S 15	2 9 44	0♍41'54	14°15	13°19	14° 4	19°33	3° 0	1°18	21°57	0°28	21°43	19°D54	20°51	13°56	21°37	S 15
S 16	2 13 40	1°41'58	26° 2	13°47	15°19	20°13	3° 0	1°23	22° 1	0°26	21°43	19°54	20°48	14° 3	21°35	S 16
M17	2 17 37	2°42'03	7♌49	14°24	16°34	20°53	2°59	1°27	22° 4	0°24	21°43	19°54	20°45	14° 9	21°33	M17
T 18	2 21 33	3°42'10	19°41	15° 9	17°49	21°33	2°58	1°32	22° 7	0°23	21°43	19°56	20°42	14°16	21°31	T 18
W19	2 25 30	4°42'19	1♌41	16° 1	19° 4	22°13	2°58	1°37	22°10	0°21	21°42	19°57	20°39	14°23	21°29	W19
T 20	2 29 27	5°42'30	13°52	17° 1	20°19	22°54	2°D58	1°42	22°13	0°19	21°42	19°58	20°35	14°29	21°27	T 20
F 21	2 33 23	6°42'42	26°19	18° 6	21°35	23°34	2°58	1°47	22°16	0°18	21°42	19°59	20°32	14°36	21°24	F 21
S 22	2 37 20	7°42'55	9♌ 5	19°16	22°50	24°14	2°58	1°52	22°19	0°16	21°42	19°R59	20°29	14°43	21°22	S 22
S 23	2 41 16	8°43'10	22°16	20°30	24° 5	24°54	2°59	1°57	22°22	0°14	21°42	19°59	20°26	14°49	21°20	S 23
M24	2 45 13	9°43'27	5♌53	21°48	25°20	25°35	3° 0	2° 2	22°25	0°13	21°42	19°58	20°23	14°56	21°17	M24
T 25	2 49 9	10°43'44	19°57	23° 9	26°35	26°15	3° 1	2° 7	22°27	0°11	21°42	19°57	20°19	15° 3	21°15	T 25
W26	2 53 6	11°44'04	4♌28	24°33	27°51	26°55	3° 2	2°12	22°30	0° 9	21°42	19°56	20°16	15° 9	21°12	W26
T 27	2 57 2	12°44'25	19°21	25°59	29° 6	27°36	3° 3	2°18	22°33	0° 8	21°D42	19°55	20°13	15°16	21°10	T 27
F 28	3 0 59	13°44'47	4♌30	27°27	0♍21	28°16	3° 5	2°23	22°36	0° 6	21°42	19°55	20°10	15°23	21° 7	F 28
S 29	3 4 56	14°45'11	19°45	28°56	1°36	28°57	3° 6	2°28	22°38	0° 4	21°42	19°D55	20° 7	15°29	21° 4	S 29
S 30	3 8 52	15°45'37	4♌56	0♍27	2°52	29°37	3° 8	2°34	22°41	0° 3	21°42	19°55	20° 4	15°36	21° 1	S 30
M31	3 12 49	16♍46'05	19♌54	1♍59	4♍ 7	0♍18	3♌10	2°340	22♍44	0♌ 1	21°442	19♍55	20♍ 0	15♍43	20♌58	M31

Day	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	6s36	16n 6	0n47	11s 8	2s16	2n44	1n30	3s24	0n44	11s33	1s26	22s54	0n35	4n10	0n44	10n 3	1s52	24s45	11s 7	17s51	18s12	16s23	17n33	5s43	
S 2	6 59	18 52	0s35	10 26	1 59	2 15	1 31	3 39	0 44	11 34	1 26	22 55	0 35	4 9	0 44	10 3	1 52	24 45	11 7	17 51	18 12	16 24	17 32	5 43	
M 3	7 21	20 19	1 53	9 41	1 40	1 45	1 31	3 55	0 43	11 36	1 26	22 55	0 35	4 8	0 44	10 2	1 52	24 45	11 7	17 51	18 11	16 25	17 32	5 44	
T 4	7 44	20 24	3 2	8 55	1 21	1 16	1 31	4 11	0 43	11 37	1 25	22 55	0 35	4 6	0 44	10 1	1 52	24 45	11 7	17 51	18 10	16 26	17 31	5 44	
W 5	8 7	19 12	3 58	8 8	1 0	0 46	1 32	4 27	0 43	11 38	1 25	22 55	0 35	4 5	0 44	10 1	1 52	24 45	11 6	17 52	18 9	16 27	17 30	5 45	
T 6	8 29	16 55	4 40	7 22	0 39	0 16	1 32	4 43	0 42	11 38	1 25	22 55	0 35	4 4	0 44	10 0	1 52	24 45	11 6	17 52	18 8	16 29	17 30	5 45	
F 7	8 51	13 48	5 5	6 38	0 19	0s13	1 32	4 59	0 42	11 39	1 25	22 55	0 35	4 2	0 44	10 0	1 52	24 45	11 6	17 52	18 7	16 30	17 29	5 46	
S 8	9 13	10 6	5 14	5 57	0n 1	0 43	1 32	5 15	0 41	11 40	1 25	22 55	0 34	4 1	0 44	9 59	1 52	24 45	11 6	17 51	18 7	16 31	17 29	5 46	
S 9	9 36	6 1	5 8	5 21	0 21	1 13	1 32	5 30	0 41	11 41	1 24	22 55	0 34	4 0	0 44	9 59	1 52	24 45	11 6	17 50	18 6	16 32	17 28	5 47	
M10	9 57	1 46	4 47	4 49	0 39	1 42	1 32	5 46	0 41	11 41	1 24	22 55	0 34	3 58	0 44	9 58	1 52	24 45	11 5	17 49	18 5	16 33	17 28	5 47	
T 11	10 19	2s30	4 13	4 24	0 55	2 12	1 31	6 2	0 40	11 42	1 24	22 55	0 34	3 57	0 44	9 57	1 52	24 45	11 5	17 48	18 4	16 35	17 27	5 48	
W12	10 41	6 38	3 28	4 4	1 10	2 42	1 31	6 18	0 40	11 42	1 24	22 56	0 34	3 56	0 44	9 57	1 52	24 45	11 5	17 47	18 3	16 36	17 26	5 49	
T 13	11 2	10 27	2 35	3 50	1 24	3 12	1 31	6 33	0 39	11 43	1 24	22 56	0 34	3 55	0 44	9 56	1 52	24 44	11 5	17 46	18 2	16 37	17 26	5 49	
F 14	11 24	13 50	1 35	3 42	1 35	3 41	1 30	6 49	0 39	11 43	1 23	22 56	0 34	3 53	0 44	9 56	1 52	24 44	11 4	17 46	18 2	16 38	17 25	5 50	
S 15	11 45	16 39	0 31	3 39	1 45	4 11	1 30	7 5	0 38	11 43	1 23	22 56	0 34	3 52	0 44	9 55	1 52	24 44	11 4	17 45	18 1	16 39	17 24	5 50	
S 16	12 6	18 45	0n34	3 42	1 54	4 40	1 29	7 20	0 38	11 43	1 23	22 56	0 33	3 51	0 44	9 54	1 52	24 44	11 4	17 45	18 0	16 40	17 24	5 50	
M17	12 26	20 3	1 38	3 50	2 0	5 10	1 29	7 36	0 37	11 43	1 23	22 56	0 33	3 50	0 44	9 54	1 52	24 44	11 4	17 45	17 59	16 41	17 23	5 51	
T 18	12 47	20 28	2 38	4 3	2 5	5 39	1 28	7 51	0 37	11 43	1 23	22 56	0 33	3 49	0 44	9 53	1 52	24 44	11 4	17 46	17 58	16 43	17 23	5 51	
W19	13 7	19 58	3 32	4 20	2 9	6 8	1 27	8 7	0 36	11 43	1 22	22 56	0 33	3 47	0 44	9 53	1 52	24 44	11 3	17 46	17 57	16 44	17 22	5 52	
T 20	13 27	18 31	4 17	4 40	2 12	6 37	1 26	8 22	0 36	11 43	1 22	22 56	0 33	3 46	0 44	9 52	1 52	24 44	11 3	17 47	17 56	16 45	17 21	5 52	
F 21	13 47	16 10	4 51	5 4	2 13	7 6	1 26	8 37	0 36	11 43	1 22	22 56	0 33	3 45	0 44	9 51	1 52	24 44	11 3	17 47	17 56	16 46	17 21	5 53	
S 22	14 7	13 0	5 12	5 30	2 13	7 35	1 25	8 53	0 35	11 43	1 22	22 56	0 33	3 44	0 44	9 51	1 52	24 43	11 3	17 47	17 55	16 47	17 20	5 53	
S 23	14 26	9 7	5 17	5 59	2 12	8 4	1 24	9 8	0 35	11 42	1 22	22 56	0 33	3 43	0 44	9 50	1 52	24 43	11 2	17 47	17 54	16 48	17 20	5 54	
M24	14 46	4 38	5 6	6 30	2 11	8 32	1 23	9 23	0 34	11 42	1 21	22 56	0 33	3 42	0 44	9 50	1 52	24 43	11 2	17 47	17 53	16 49	17 19	5 54	
T 25	15 5	0n14	4 35	7 2	2 8	9 1	1 22	9 38	0 34	11 41	1 21	22 56	0 32	3 41	0 44	9 49	1 52	24 43	11 2	17 46	17 52	16 50	17 18	5 55	
W26	15 23	5 15	3 47	7 36	2 5	9 29	1 20	9 53	0 33	11 41	1 21	22 56	0 32	3 40	0 44	9 49	1 52	24 43	11 2	17 46	17 51	16 52	17 18	5 55	
T 27	15 42	10 5	2 42	8 10	2 2	9 57	1 19	10 8	0 33	11 40	1 21	22 56	0 32	3 38	0 44	9 48	1 52	24 42	11 2	17 46	17 51	16 53	17 17	5 56	
F 28	16 0	14 23	1 25	8 46	1 58	10 24	1 18	10 23	0 32	11 39	1 21	22 56	0 32	3 37	0 44	9 48	1 52	24 42	11 1	17 46	17 50	16 54	17 17	5 56	
S 29	16 18	17 44	0 1	9 22	1 53	10 52	1 16	10 38	0 32	11 38	1 20	22 56	0 32	3 36	0 44	9 47	1 52	24 42	11 1	17 46	17 49	16 55	17 16	5 57	
S 30	16 36	19 49	1s23	9 58	1 48	11 19	1 15	10 53	0 31	11 37	1 20	22 56	0 32	3 35	0 44	9 46	1 52	24 42	11 1	17 46	17 48	16 56	17 16	5 57	
M31	16s53	20n28	2s39	10s35	1n43	11s46	1n14	11s 7	0n31	11s36	1s20	22s56	0n32	3n34	0n44	9n46	1s52	24s41	11s 1	17s46	17s47	16s57	17n15	5s57	

ASTRODIENST EPHEMERIS for the year 1547

geocentric

NOVEMBER 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 16 45	17 ¹¹ 46'34	4 ⁵² 32	3 ¹¹ 31	5 ¹¹ 22	0 ¹¹ 58	3 ¹¹ 13	2 ³ 45	22 ¹¹ 46	29 ¹¹ R59	21 ¹¹ 42	19 ¹¹ M55	19 ¹¹ M57	15 ¹¹ M49	20 ¹¹ R55	T 1
W 2	3 20 42	18 ¹¹ 47'05	18 ¹¹ 45	5 ¹¹ 4	6 ¹¹ 38	1 ¹¹ 39	3 ¹¹ 15	2 ¹¹ 51	22 ¹¹ 49	29 ¹¹ Y58	21 ¹¹ 42	19 ¹¹ 55	19 ¹¹ 54	15 ¹¹ 56	20 ¹¹ II52	W 2
T 3	3 24 38	19 ¹¹ 47'38	2 ¹¹ 31	6 ¹¹ 38	7 ¹¹ 53	2 ¹¹ 20	3 ¹¹ 18	2 ¹¹ 57	22 ¹¹ 51	29 ¹¹ 57	21 ¹¹ 42	19 ¹¹ R56	19 ¹¹ 51	16 ¹¹ 2	20 ¹¹ 49	T 3
F 4	3 28 35	20 ¹¹ 48'13	15 ¹¹ 50	8 ¹¹ 11	9 ¹¹ 8	3 ¹¹ 0	3 ¹¹ 21	3 ¹¹ 2	22 ¹¹ 54	29 ¹¹ 55	21 ¹¹ 42	19 ¹¹ D56	19 ¹¹ 48	16 ¹¹ 9	20 ¹¹ 46	F 4
S 5	3 32 31	21 ¹¹ 48'49	28 ¹¹ 45	9 ¹¹ 46	10 ¹¹ 24	3 ¹¹ 41	3 ¹¹ 24	3 ¹¹ 8	22 ¹¹ 56	29 ¹¹ 53	21 ¹¹ 43	19 ¹¹ 56	19 ¹¹ 45	16 ¹¹ 16	20 ¹¹ 43	S 5
S 6	3 36 28	22 ¹¹ 49'27	11 ¹¹ 20	11 ¹¹ 20	11 ¹¹ 39	4 ¹¹ 22	3 ¹¹ 27	3 ¹¹ 14	22 ¹¹ 58	29 ¹¹ 52	21 ¹¹ 43	19 ¹¹ 56	19 ¹¹ 41	16 ¹¹ 22	20 ¹¹ 40	S 6
M 7	3 40 25	23 ¹¹ 50'07	23 ¹¹ 37	12 ¹¹ 55	12 ¹¹ 55	5 ¹¹ 3	3 ¹¹ 31	3 ¹¹ 20	23 ¹¹ 1	29 ¹¹ 50	21 ¹¹ 43	19 ¹¹ 56	19 ¹¹ 38	16 ¹¹ 29	20 ¹¹ 37	M 7
T 8	3 44 21	24 ¹¹ 50'49	5 ¹¹ 42	14 ¹¹ 29	14 ¹¹ 10	5 ¹¹ 44	3 ¹¹ 35	3 ¹¹ 26	23 ¹¹ 3	29 ¹¹ 49	21 ¹¹ 44	19 ¹¹ 57	19 ¹¹ 35	16 ¹¹ 36	20 ¹¹ 33	T 8
W 9	3 48 18	25 ¹¹ 51'32	17 ¹¹ 37	16 ¹¹ 4	15 ¹¹ 25	6 ¹¹ 24	3 ¹¹ 39	3 ¹¹ 32	23 ¹¹ 5	29 ¹¹ 47	21 ¹¹ 44	19 ¹¹ 57	19 ¹¹ 32	16 ¹¹ 42	20 ¹¹ 30	W 9
T 10	3 52 14	26 ¹¹ 52'17	29 ¹¹ 27	17 ¹¹ 39	16 ¹¹ 41	7 ¹¹ 5	3 ¹¹ 43	3 ¹¹ 38	23 ¹¹ 7	29 ¹¹ 46	21 ¹¹ 44	19 ¹¹ 58	19 ¹¹ 29	16 ¹¹ 49	20 ¹¹ 27	T 10
F 11	3 56 11	27 ¹¹ 53'03	11 ¹¹ 15	19 ¹¹ 13	17 ¹¹ 56	7 ¹¹ 46	3 ¹¹ 47	3 ¹¹ 44	23 ¹¹ 9	29 ¹¹ 44	21 ¹¹ 45	19 ¹¹ 58	19 ¹¹ 25	16 ¹¹ 56	20 ¹¹ 23	F 11
S 12	4 0 7	28 ¹¹ 53'50	23 ¹¹ 2	20 ¹¹ 48	19 ¹¹ 12	8 ¹¹ 27	3 ¹¹ 51	3 ¹¹ 50	23 ¹¹ 11	29 ¹¹ 43	21 ¹¹ 45	19 ¹¹ R58	19 ¹¹ 22	17 ¹¹ 2	20 ¹¹ 20	S 12
S 13	4 4 4	29 ¹¹ 54'39	4 ¹¹ 51	22 ¹¹ 22	20 ¹¹ 27	9 ¹¹ 8	3 ¹¹ 56	3 ¹¹ 57	23 ¹¹ 13	29 ¹¹ 42	21 ¹¹ 45	19 ¹¹ 58	19 ¹¹ 19	17 ¹¹ 9	20 ¹¹ 16	S 13
M14	4 8 0	0 ¹¹ 55'29	16 ¹¹ 45	23 ¹¹ 57	21 ¹¹ 43	9 ¹¹ 49	4 ¹¹ 1	4 ¹¹ 3	23 ¹¹ 15	29 ¹¹ 40	21 ¹¹ 46	19 ¹¹ 57	19 ¹¹ 16	17 ¹¹ 16	20 ¹¹ 13	M14
T 15	4 11 57	1 ¹¹ 56'21	28 ¹¹ 44	25 ¹¹ 31	22 ¹¹ 58	10 ¹¹ 30	4 ¹¹ 6	4 ¹¹ 9	23 ¹¹ 17	29 ¹¹ 39	21 ¹¹ 46	19 ¹¹ 55	19 ¹¹ 13	17 ¹¹ 22	20 ¹¹ 9	T 15
W16	4 15 54	2 ¹¹ 57'13	10 ¹¹ 53	27 ¹¹ 6	24 ¹¹ 14	11 ¹¹ 12	4 ¹¹ 11	4 ¹¹ 16	23 ¹¹ 19	29 ¹¹ 37	21 ¹¹ 47	19 ¹¹ 54	19 ¹¹ 10	17 ¹¹ 29	20 ¹¹ 5	W16
T 17	4 19 50	3 ¹¹ 58'06	23 ¹¹ 11	28 ¹¹ 40	25 ¹¹ 29	11 ¹¹ 53	4 ¹¹ 17	4 ¹¹ 22	23 ¹¹ 21	29 ¹¹ 36	21 ¹¹ 47	19 ¹¹ 51	19 ¹¹ 6	17 ¹¹ 35	20 ¹¹ 2	T 17
F 18	4 23 47	4 ¹¹ 59'01	5 ¹¹ 43	0 ¹¹ 14	26 ¹¹ 45	12 ¹¹ 34	4 ¹¹ 22	4 ¹¹ 28	23 ¹¹ 23	29 ¹¹ 35	21 ¹¹ 48	19 ¹¹ 49	19 ¹¹ 3	17 ¹¹ 42	19 ¹¹ 58	F 18
S 19	4 27 43	5 ¹¹ 59'56	18 ¹¹ 31	1 ¹¹ 49	28 ¹¹ 0	13 ¹¹ 15	4 ¹¹ 28	4 ¹¹ 35	23 ¹¹ 25	29 ¹¹ 34	21 ¹¹ 49	19 ¹¹ 48	19 ¹¹ 0	17 ¹¹ 49	19 ¹¹ 54	S 19
S 20	4 31 40	7 ¹¹ 0'51	1 ¹¹ 37	3 ¹¹ 23	29 ¹¹ 16	13 ¹¹ 56	4 ¹¹ 34	4 ¹¹ 41	23 ¹¹ 26	29 ¹¹ 32	21 ¹¹ 49	19 ¹¹ D47	18 ¹¹ 57	17 ¹¹ 55	19 ¹¹ 51	S 20
M21	4 35 36	8 ¹¹ 1'48	15 ¹¹ 5	4 ¹¹ 57	0 ¹¹ 31	14 ¹¹ 38	4 ¹¹ 40	4 ¹¹ 48	23 ¹¹ 28	29 ¹¹ 31	21 ¹¹ 50	19 ¹¹ 47	18 ¹¹ 54	18 ¹¹ 2	19 ¹¹ 47	M21
T 22	4 39 33	9 ¹¹ 2'45	28 ¹¹ 55	6 ¹¹ 31	1 ¹¹ 47	15 ¹¹ 19	4 ¹¹ 46	4 ¹¹ 55	23 ¹¹ 29	29 ¹¹ 30	21 ¹¹ 51	19 ¹¹ 48	18 ¹¹ 51	18 ¹¹ 9	19 ¹¹ 43	T 22
W23	4 43 29	10 ¹¹ 3'43	13 ¹¹ Y 8	8 ¹¹ 5	3 ¹¹ 2	16 ¹¹ 0	4 ¹¹ 53	5 ¹¹ 1	23 ¹¹ 31	29 ¹¹ 29	21 ¹¹ 51	19 ¹¹ 49	18 ¹¹ 47	18 ¹¹ 15	19 ¹¹ 39	W23
T 24	4 47 26	11 ¹¹ 4'41	27 ¹¹ 43	9 ¹¹ 39	4 ¹¹ 18	16 ¹¹ 42	4 ¹¹ 59	5 ¹¹ 8	23 ¹¹ 32	29 ¹¹ 27	21 ¹¹ 52	19 ¹¹ 51	18 ¹¹ 44	18 ¹¹ 22	19 ¹¹ 36	T 24
F 25	4 51 23	12 ¹¹ 5'40	12 ¹¹ 35	11 ¹¹ 14	5 ¹¹ 33	17 ¹¹ 23	5 ¹¹ 6	5 ¹¹ 14	23 ¹¹ 34	29 ¹¹ 26	21 ¹¹ 53	19 ¹¹ R52	18 ¹¹ 41	18 ¹¹ 29	19 ¹¹ 32	F 25
S 26	4 55 19	13 ¹¹ 6'40	27 ¹¹ 40	12 ¹¹ 48	6 ¹¹ 49	18 ¹¹ 5	5 ¹¹ 13	5 ¹¹ 21	23 ¹¹ 35	29 ¹¹ 25	21 ¹¹ 54	19 ¹¹ 52	18 ¹¹ 38	18 ¹¹ 35	19 ¹¹ 28	S 26
S 27	4 59 16	14 ¹¹ 7'41	12 ¹¹ II47	14 ¹¹ 22	8 ¹¹ 4	18 ¹¹ 46	5 ¹¹ 20	5 ¹¹ 28	23 ¹¹ 37	29 ¹¹ 24	21 ¹¹ 54	19 ¹¹ 50	18 ¹¹ 35	18 ¹¹ 42	19 ¹¹ 24	S 27
M28	5 3 12	15 ¹¹ 8'42	27 ¹¹ 49	15 ¹¹ 57	9 ¹¹ 20	19 ¹¹ 28	5 ¹¹ 27	5 ¹¹ 35	23 ¹¹ 38	29 ¹¹ 23	21 ¹¹ 55	19 ¹¹ 48	18 ¹¹ 31	18 ¹¹ 49	19 ¹¹ 20	M28
T 29	5 7 9	16 ¹¹ 9'44	12 ¹¹ 35	17 ¹¹ 31	10 ¹¹ 35	20 ¹¹ 9	5 ¹¹ 35	5 ¹¹ 41	23 ¹¹ 39	29 ¹¹ 22	21 ¹¹ 56	19 ¹¹ 44	18 ¹¹ 28	18 ¹¹ 55	19 ¹¹ 16	T 29
W30	5 11 5	17 ¹¹ 10'47	26 ¹¹ 35	19 ¹¹ 14	11 ¹¹ 51	20 ¹¹ M51	5 ¹¹ 42	5 ¹¹ 48	23 ¹¹ 40	29 ¹¹ Y21	21 ¹¹ 57	19 ¹¹ M40	18 ¹¹ M25	19 ¹¹ M 2	19 ¹¹ II12	W30

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	17s10	19n41	3s44	11s12	1n37	12s13	1n12	11s22	0n30	11s35	1s20	22s56	0n32	3n33	0n44	9n45	1s52	24s41	11s 0	17s46	17s46	16s58	17n14	5s58			
W 2	17 27	17 41	4 33	11 49	1 31	12 39	1 11	11 37	0 30	11 34	1 20	22 56	0 32	3 32	0 44	9 45	1 52	24 41	11 0	17 46	17 45	16 59	17 14	5 58			
T 3	17 44	14 43	5 4	12 25	1 25	13 5	1 9	11 51	0 29	11 33	1 19	22 56	0 31	3 31	0 44	9 44	1 52	24 41	11 0	17 46	17 45	17 0	17 13	5 58			
F 4	18 0	11 4	5 17	13 2	1 19	13 31	1 7	12 6	0 29	11 32	1 19	22 56	0 31	3 30	0 44	9 44	1 52	24 40	11 0	17 46	17 44	17 1	17 13	5 59			
S 5	18 16	7 1	5 15	13 38	1 12	13 56	1 6	12 20	0 28	11 30	1 19	22 56	0 31	3 30	0 45	9 43	1 51	24 40	10 59	17 46	17 43	17 3	17 12	5 59			
S 6	18 31	2 46	4 56	14 14	1 5	14 21	1 4	12 34	0 28	11 29	1 19	22 56	0 31	3 29	0 45	9 43	1 51	24 40	10 59	17 46	17 42	17 4	17 11	5 59			
M 7	18 47	1s31	4 25	14 49	0 59	14 46	1 2	12 48	0 27	11 28	1 18	22 56	0 31	3 28	0 45	9 42	1 51	24 39	10 59	17 46	17 41	17 5	17 11	6 0			
T 8	19 1	5 40	3 42	15 24	0 52	15 10	1 0	13 3	0 27	11 26	1 18	22 56	0 31	3 27	0 45	9 42	1 51	24 39	10 59	17 46	17 40	17 6	17 10	6 0			
W 9	19 16	9 33	2 50	15 58	0 45	15 34	0 58	13 17	0 26	11 24	1 18	22 56	0 31	3 26	0 45	9 41	1 51	24 39	10 58	17 46	17 39	17 7	17 10	6 0			
T 10	19 30	13 3	1 52	16 31	0 38	15 58	0 56	13 31	0 26	11 23	1 18	22 56	0 31	3 25	0 45	9 41	1 51	24 38	10 58	17 46	17 39	17 8	17 9	6 1			
F 11	19 44	16 0	0 48	17 4	0 31	16 21	0 54	13 44	0 25	11 21	1 18	22 56	0 31	3 24	0 45	9 40	1 51	24 38	10 58	17 47	17 38	17 9	17 9	6 1			
S 12	19 58	18 18	0n17	17 36	0 24	16 43	0 53	13 58	0 25	11 19	1 17	22 56	0 31	3 24	0 45	9 40	1 51	24 38	10 58	17 47	17 37	17 10	17 8	6 1			
S 13	20 11	19 49	1 22	18 8	0 17	17 6	0 50	14 12	0 24	11 17	1 17	22 56	0 30	3 23	0 45	9 39	1 51	24 37	10 58	17 46	17 36	17 11	17 8	6 2			
M14	20 24	20 27	2 23	18 38	0 11	17 27	0 48	14 25	0 23	11 15	1 17	22 56	0 30	3 22	0 45	9 39	1 51	24 37	10 57	17 46	17 35	17 12	17 7	6 2			
T 15	20 36	20 10	3 19	19 8	0 4	17 49	0 46	14 39	0 23	11 13	1 17	22 56	0 30	3 21	0 45	9 38	1 51	24 37	10 57	17 46	17 34	17 13	17 6	6 2			
W16	20 48	18 57	4 6	19 36	0s 3	18 10	0 44	14 52	0 22	11 11	1 17	22 56	0 30	3 21	0 45	9 38	1 51	24 36	10 57	17 45	17 33	17 14	17 6	6 3			
T 17	21 0	16 51	4 43	20 4	0 10	18 30	0 42	15 5	0 22	11 9	1 16	22 55	0 30	3 20	0 45	9 38	1 51	24 36	10 57	17 45	17 32	17 15	17 5	6 3			
F 18	21 11	13 55	5 7	20 31	0 17	18 50	0 40	15 18	0 21	11 7	1 16	22 55	0 30	3 19	0 45	9 37	1 51	24 35	10 56	17 44	17 32	17 16	17 5	6 3			
S 19	21 22	10 17	5 17	20 57	0 23	19 9	0 38	15 31	0 21	11 4	1 16	22 55	0 30	3 19	0 45	9 37	1 51	24 35	10 56	17 44	17 31	17 17	17 4	6 3			
S 20	21 32	6 6	5 10	21 22	0 30	19 28	0 35	15 44	0 20	11 2	1 16	22 55	0 30	3 18	0 45	9 36	1 51	24 35	10 56	17 44	17 30	17 18	17 4	6 3			
M21	21 42	1 29	4 46	21 46	0 36	19 46	0 33	15 57	0 20	11 0	1 16	22 55	0 30	3 17	0 45	9 36	1 51	24 34	10 56	17 44	17 29	17 19	17 3	6 4			
T 22	21 52	3n19	4 6	22 9	0 42	20 4	0 31	16 10	0 19	10 57	1 15	22 55	0 30	3 17	0 45	9 35	1 51	24 34	10 56	17 44	17 28	17 20	17 3	6 4			
W23	22 1	8 6	3 9	22 30	0 48	20 21	0 29	16 22	0 18	10 55	1 15	22 55	0 30	3 16	0 45	9 35	1 51	24 33	10 55	17 44	17 27	17 21	17 2	6 4			
T 24	22 9	12 32	1 59	22 51	0 54	20 37	0 26	16 35	0 18	10 52	1 15	22 54	0 29	3 16	0 45	9 35	1 51	24 33	10 55	17 44	17 26	17 22	17 2	6 4			
F 25	22 18	16 17	0 40	23 10	1 0	20 53	0 24	16 47	0 17	10 49	1 15	22 54	0 29	3 15	0 45	9 34	1 51	24 32	10 55	17 45	17 25	17 23	17 2	6 4			
S 26	22 26	18 59	0s43	23 29	1 6	21 9	0 22	16 59	0 17	10 47	1 15	22 54	0 29	3 15	0 45	9 34	1 51	24 32	10 55	17 45	17 25	17 24	17 1	6 5			
S 27	22 33	20 21	2 3	23 46	1 12	21 23	0 19	17 11	0 16	10 44	1 14	22 54	0 29	3 14	0 45	9 34	1 51	24 31	10 54	17 44	17 24	17 25	17 1	6 5			
M28	22 40	20 15	3 14	24 2	1 17	21 37	0 17	17 23	0 16	10 41	1 14	22 54	0 29	3 14	0 45	9 33	1 51	24 31	10 54	17 44	17 23	17 26	17 0	6 5			
T 29	22 47	18 44	4 11	24 16	1 22	21 51	0 14	17 35	0 15	10 38	1 14	22 53	0 29	3 13	0 45	9 33	1 51	24 31	10 54	17 43	17 22	17 27	17 0	6 5			
W30	22s53	16n 4	4s50	24s30	1s27	22s 4	0n12	17s47	0n14	10s35	1s14	22s53	0n29	3n13	0n45	9n33	1s51	24s30	10s54	17s42	17s21	17s28	16n59	6s 5			

ASTRODIENST EPHEMERIS for the year 1547

geocentric

DECEMBER 1547 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	5 15 2	18°11'51	10°57	20°41	13°6	21°32	5°50	5°55	23°41	29°20	21°58	19°R36	18°M22	19°M 9	19°R 8	T 1
F 2	5 18 59	19°12'56	24°26	22°16	14°22	22°14	5°58	6° 2	23°42	29°Y19	21°59	19°M33	18°19	19°15	19°II 5	F 2
S 3	5 22 55	20°14'02	7°M28	23°51	15°37	22°56	6° 6	6° 9	23°43	29°18	22° 0	19°30	18°16	19°22	19° 1	S 3
S 4	5 26 52	21°15'08	20° 5	25°26	16°53	23°37	6°14	6°16	23°44	29°17	22° 1	19°D30	18°12	19°28	18°57	S 4
M 5	5 30 48	22°16'15	2°22	27° 2	18° 8	24°19	6°22	6°23	23°45	29°16	22° 1	19°30	18° 9	19°35	18°53	M 5
T 6	5 34 45	23°17'23	14°25	28°37	19°24	25° 1	6°31	6°30	23°46	29°15	22° 2	19°31	18° 6	19°42	18°49	T 6
W 7	5 38 41	24°18'32	26°17	0°313	20°39	25°43	6°39	6°37	23°47	29°15	22° 4	19°33	18° 3	19°48	18°45	W 7
T 8	5 42 38	25°19'41	8°M 4	1°49	21°55	26°25	6°48	6°43	23°47	29°14	22° 5	19°35	18° 0	19°55	18°41	T 8
F 9	5 46 34	26°20'51	19°50	3°25	23°10	27° 7	6°57	6°50	23°48	29°13	22° 6	19°R36	17°57	20° 2	18°37	F 9
S 10	5 50 31	27°22'01	1°M39	5° 2	24°26	27°49	7° 6	6°57	23°49	29°12	22° 7	19°35	17°53	20° 8	18°34	S 10
S 11	5 54 28	28°23'12	13°33	6°38	25°42	28°31	7°15	7° 4	23°49	29°12	22° 8	19°32	17°50	20°15	18°30	S 11
M12	5 58 24	29°24'23	25°36	8°15	26°57	29°13	7°25	7°11	23°50	29°11	22° 9	19°27	17°47	20°22	18°26	M12
T 13	6 2 21	0°32'535	7°349	9°52	28°13	29°55	7°34	7°19	23°50	29°10	22°10	19°21	17°44	20°28	18°22	T 13
W14	6 6 17	1°26'47	20°12	11°29	29°28	0°M37	7°44	7°26	23°51	29°10	22°11	19°13	17°41	20°35	18°18	W14
T 15	6 10 14	2°27'58	2°M47	13° 6	0°344	1°19	7°53	7°33	23°51	29° 9	22°12	19° 4	17°37	20°42	18°15	T 15
F 16	6 14 10	3°29'10	15°34	14°43	1°59	2° 1	8° 3	7°40	23°51	29° 9	22°14	18°56	17°34	20°48	18°11	F 16
S 17	6 18 7	4°30'21	28°33	16°19	3°15	2°44	8°13	7°47	23°51	29° 8	22°15	18°50	17°31	20°55	18° 7	S 17
S 18	6 22 3	5°31'32	11°M46	17°56	4°30	3°26	8°23	7°54	23°51	29° 8	22°16	18°45	17°28	21° 1	18° 3	S 18
M19	6 26 0	6°32'43	25°13	19°33	5°46	4° 8	8°33	8° 1	23°52	29° 7	22°17	18°42	17°25	21° 8	18° 0	M19
T 20	6 29 57	7°33'54	8°Y55	21° 9	7° 1	4°50	8°44	8° 8	23°R52	29° 7	22°19	18°D42	17°22	21°15	17°56	T 20
W21	6 33 53	8°35'04	22°54	22°45	8°17	5°33	8°54	8°15	23°52	29° 6	22°20	18°42	17°18	21°21	17°53	W21
T 22	6 37 50	9°36'14	7°8	24°20	9°32	6°15	9° 5	8°22	23°51	29° 6	22°21	18°43	17°15	21°28	17°49	T 22
F 23	6 41 46	10°37'23	21°37	25°54	10°48	6°57	9°15	8°29	23°51	29° 6	22°23	18°R44	17°12	21°35	17°46	F 23
S 24	6 45 43	11°38'32	6°II17	27°27	12° 3	7°40	9°26	8°36	23°51	29° 6	22°24	18°43	17° 9	21°41	17°42	S 24
S 25	6 49 39	12°39'41	21° 4	28°59	13°19	8°22	9°37	8°43	23°51	29° 5	22°25	18°39	17° 6	21°48	17°39	S 25
M26	6 53 36	13°40'49	5°30	0°M29	14°34	9° 5	9°48	8°50	23°51	29° 5	22°27	18°33	17° 3	21°55	17°35	M26
T 27	6 57 32	14°41'57	20°27	1°57	15°49	9°47	9°59	8°57	23°50	29° 5	22°28	18°24	16°59	22° 1	17°32	T 27
W28	7 1 29	15°43'04	4°M48	3°23	17° 5	10°30	10°10	9° 4	23°50	29° 5	22°30	18°14	16°56	22° 8	17°29	W28
T 29	7 5 26	16°44'11	18°47	4°45	18°20	11°13	10°21	9°11	23°49	29° 5	22°31	18° 5	16°53	22°15	17°25	T 29
F 30	7 9 22	17°45'18	2°M20	6° 4	19°36	11°55	10°33	9°18	23°49	29° 5	22°32	17°56	16°50	22°21	17°22	F 30
S 31	7 13 19	18°46'24	15°M27	7°M19	20°351	12°M38	10°M44	9°325	23°M48	29°D 5	22°M34	17°M48	16°M47	22°M28	17°II19	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	22s58	12n33	5s10	24s42	1s32	22s16	0n10	17s58	0n14	10s32	1s14	22s53	0n29	3n12	0n45	9n32	1s51	24s30	10s54	17s40	17s20	17s29	16n59	6s 5	
F 2	23 3	8 29	5 13	24 53	1 37	22 27	0 7	18 9	0 13	10 29	1 13	22 53	0 29	3 12	0 46	9 32	1 50	24 29	10 53	17 40	17 19	17 30	16 58	6 5	
S 3	23 8	4 10	4 59	25 2	1 41	22 38	0 5	18 21	0 13	10 26	1 13	22 53	0 29	3 12	0 46	9 32	1 50	24 29	10 53	17 39	17 18	17 31	16 58	6 6	
S 4	23 12	0s13	4 31	25 10	1 45	22 48	0 3	18 32	0 12	10 23	1 13	22 52	0 29	3 11	0 46	9 32	1 50	24 28	10 53	17 39	17 18	17 32	16 58	6 6	
M 5	23 16	4 28	3 50	25 17	1 49	22 58	0 0	18 43	0 11	10 19	1 13	22 52	0 28	3 11	0 46	9 31	1 50	24 28	10 53	17 39	17 17	17 33	16 57	6 6	
T 6	23 20	8 28	3 1	25 22	1 52	23 7	0s 2	18 54	0 11	10 16	1 13	22 52	0 28	3 11	0 46	9 31	1 50	24 27	10 53	17 39	17 16	17 34	16 57	6 6	
W 7	23 22	12 6	2 4	25 25	1 56	23 15	0 5	19 4	0 10	10 13	1 13	22 52	0 28	3 11	0 46	9 31	1 50	24 26	10 53	17 40	17 15	17 35	16 56	6 6	
T 8	23 25	15 13	1 3	25 28	1 59	23 22	0 7	19 15	0 10	10 9	1 12	22 51	0 28	3 10	0 46	9 31	1 50	24 26	10 52	17 40	17 14	17 36	16 56	6 6	
F 9	23 27	17 43	0n 1	25 28	2 1	23 29	0 9	19 25	0 9	10 6	1 12	22 51	0 28	3 10	0 46	9 30	1 50	24 25	10 52	17 40	17 13	17 37	16 56	6 6	
S 10	23 28	19 28	1 5	25 28	2 4	23 35	0 12	19 35	0 8	10 2	1 12	22 51	0 28	3 10	0 46	9 30	1 50	24 25	10 52	17 40	17 12	17 38	16 55	6 6	
S 11	23 29	20 23	2 7	25 25	2 6	23 40	0 14	19 45	0 8	9 59	1 12	22 50	0 28	3 10	0 46	9 30	1 50	24 24	10 52	17 39	17 11	17 38	16 55	6 6	
M12	23 30	20 22	3 3	25 21	2 7	23 44	0 17	19 55	0 7	9 55	1 12	22 50	0 28	3 10	0 46	9 30	1 50	24 24	10 52	17 38	17 10	17 39	16 55	6 6	
T 13	23 30	19 24	3 52	25 16	2 8	23 48	0 19	20 5	0 6	9 51	1 12	22 50	0 28	3 9	0 46	9 30	1 50	24 23	10 51	17 36	17 10	17 40	16 54	6 6	
W14	23 29	17 31	4 30	25 9	2 9	23 51	0 21	20 14	0 6	9 48	1 11	22 49	0 28	3 9	0 46	9 29	1 50	24 23	10 51	17 34	17 9	17 41	16 54	6 6	
T 15	23 28	14 46	4 56	25 0	2 10	23 53	0 24	20 23	0 5	9 44	1 11	22 49	0 28	3 9	0 46	9 29	1 50	24 22	10 51	17 32	17 8	17 42	16 54	6 6	
F 16	23 27	11 18	5 8	24 50	2 10	23 55	0 26	20 33	0 4	9 40	1 11	22 49	0 28	3 9	0 46	9 29	1 50	24 22	10 51	17 30	17 7	17 43	16 54	6 6	
S 17	23 25	7 15	5 4	24 38	2 9	23 55	0 28	20 42	0 4	9 36	1 11	22 49	0 28	3 9	0 46	9 29	1 50	24 21	10 51	17 28	17 6	17 44	16 53	6 6	
S 18	23 23	2 47	4 44	24 24	2 8	23 55	0 30	20 50	0 3	9 32	1 11	22 48	0 27	3 9	0 46	9 29	1 50	24 20	10 51	17 27	17 5	17 45	16 53	6 6	
M19	23 20	1n54	4 9	24 9	2 6	23 55	0 33	20 59	0 2	9 28	1 11	22 48	0 27	3 9	0 46	9 29	1 50	24 20	10 51	17 26	17 4	17 46	16 53	6 6	
T 20	23 17	6 35	3 18	23 52	2 4	23 53	0 35	21 7	0 2	9 24	1 10	22 47	0 27	3 9	0 46	9 29	1 50	24 19	10 50	17 26	17 3	17 47	16 53	6 6	
W21	23 13	11 0	2 15	23 34	2 1	23 51	0 37	21 16	0 1	9 20	1 10	22 47	0 27	3 9	0 46	9 29	1 49	24 19	10 50	17 26	17 2	17 47	16 52	6 6	
T 22	23 9	14 54	1 2	23 14	1 58	23 48	0 39	21 24	0 0	9 16	1 10	22 47	0 27	3 9	0 46	9 29	1 49	24 18	10 50	17 26	17 1	17 48	16 52	6 6	
F 23	23 4	17 58	0s16	22 53	1 54	23 44	0 41	21 32	0s 0	9 12	1 10	22 46	0 27	3 9	0 46	9 29	1 49	24 18	10 50	17 26	17 1	17 49	16 52	6 5	
S 24	22 59	19 53	1 33	22 30	1 49	23 40	0 43	21 39	0 1	9 8	1 10	22 46	0 27	3 9	0 46	9 28	1 49	24 17	10 50	17 26	17 0	17 50	16 52	6 5	
S 25	22 54	20 27	2 45	22 6	1 43	23 35	0 45	21 47	0 2	9 4	1 10	22 46	0 27	3 10	0 46	9 28	1 49	24 16	10 50	17 25	16 59	17 51	16 52	6 5	
M26	22 47	19 37	3 45	21 40	1 37	23 29	0 47	21 54	0 2	8 59	1 10	22 45	0 27	3 10	0 47	9 28	1 49	24 16	10 50	17 23	16 58	17 52	16 51	6 5	
T 27	22 41	17 29	4 30	21 14	1 30	23 22	0 49	22 1	0 3	8 55	1 9	22 45	0 27	3 10	0 47	9 28	1 49	24 15	10 49	17 21	16 57	17 53	16 51	6 5	
W28	22 34	14 18	4 57	20 46	1 22	23 15	0 51	22 8	0 4	8 51	1 9	22 44	0 27	3 10	0 47	9 28	1 49	24 15	10 49	17 18	16 56	17 54	16 51	6 5	
T 29	22 27	10 24	5 5	20 18	1 13	23 7	0 53	22 15	0 4	8 46	1 9	22 44	0 27	3 10	0 47	9 28	1 49	24 14	10 49	17 15	16 55	17 54	16 51	6 5	
F 30	22 19	6 4	4 56	19 49	1 3	22 58	0 55	22 21	0 5	8 42	1 9	22 44	0 27	3 11	0 47	9 29	1 49	24 13	10 49	17 13	16 54	17 55	16 51	6 5	
S 31	22s11	1n35	4s31	19s19	0s52	22s49	0s57	22s28	0s 6	8s37	1 s 9	22s43	0n27	3n11	0n47	9n29	1s49	24s13	10s49	17s11	16s53	17s56	16m51	6s 5	