



Astrodienst Ephemeris Tables for the year 1505

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 1505
geocentric

JANUARY 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	7 18 53	20 ³ 14'25	1 ⁷ 41	0 ³ 14	8 ⁸ 8	16 ³ 36	14 ⁰ R36	29 ⁰ R 8	13 ¹ 7	25 ³ 28	6 ⁷ 33	6 ⁰ R55	8 ¹ 22	13 ³ 4	13 ⁰ R 2	W 1
T 2	7 22 50	21 ⁰ 15'32	13 ⁰ 40	1 ⁰ 38	9 ² 23	17 ² 23	14 ⁰ 29	29 ⁰ 3	13 ⁰ 9	25 ³ 30	6 ³ 35	6 ¹ 47	8 ⁰ 19	13 ¹ 11	12 ⁰ 58	T 2
F 3	7 26 46	22 ⁰ 16'39	25 ⁰ 33	3 ⁰ 3	10 ³ 38	18 ⁰ 9	14 ⁰ 23	28 ⁰ 59	13 ¹ 12	25 ³ 32	6 ³ 37	6 ⁰ 38	8 ⁰ 16	13 ¹ 18	12 ⁰ 54	F 3
S 4	7 30 43	23 ⁰ 17'45	7 ³ 25	4 ⁰ 29	11 ⁵ 53	18 ⁰ 56	14 ⁰ 16	28 ⁰ 54	13 ¹ 14	25 ³ 34	6 ³ 38	6 ⁰ 29	8 ⁰ 13	13 ¹ 24	12 ⁰ 50	S 4
S 5	7 34 40	24 ⁰ 18'50	19 ⁰ 15	5 ⁰ 55	13 ⁰ 8	19 ⁰ 42	14 ⁰ 9	28 ⁰ 49	13 ¹ 16	25 ³ 37	6 ⁴ 40	6 ⁰ 21	8 ⁰ 9	13 ¹ 31	12 ⁰ 46	S 5
M 6	7 38 36	25 ⁰ 19'55	1 ⁸ 6	7 ⁰ 23	14 ⁰ 23	20 ⁰ 29	14 ⁰ 1	28 ⁰ 44	13 ¹ 19	25 ³ 39	6 ⁴ 42	6 ⁰ 14	8 ⁰ 6	13 ¹ 38	12 ⁰ 41	M 6
T 7	7 42 33	26 ⁰ 20'59	13 ⁰ 0	8 ⁰ 51	15 ⁰ 38	21 ⁰ 16	13 ⁰ 54	28 ⁰ 39	13 ¹ 22	25 ³ 41	6 ⁴ 44	6 ⁰ 10	8 ⁰ 3	13 ¹ 44	12 ⁰ 37	T 7
W 8	7 46 29	27 ⁰ 22'02	24 ⁰ 58	10 ⁰ 20	16 ⁰ 53	22 ⁰ 3	13 ⁰ 47	28 ⁰ 34	13 ¹ 24	25 ³ 43	6 ⁴ 45	6 ⁰ 7	8 ⁰ 0	13 ¹ 51	12 ⁰ 33	W 8
T 9	7 50 26	28 ⁰ 23'03	7 ¹ 2	11 ⁰ 49	18 ⁰ 8	22 ⁰ 49	13 ⁰ 39	28 ⁰ 29	13 ¹ 27	25 ³ 46	6 ⁴ 47	6 ⁰ D 6	7 ⁰ 57	13 ¹ 58	12 ⁰ 28	T 9
F 10	7 54 22	29 ⁰ 24'04	19 ⁰ 16	13 ⁰ 19	19 ⁰ 22	23 ⁰ 36	13 ⁰ 32	28 ⁰ 24	13 ¹ 29	25 ³ 48	6 ⁴ 49	6 ⁰ 7	7 ⁰ 54	14 ⁰ 5	12 ⁰ 24	F 10
S 11	7 58 19	0 ⁰ 25'04	1 ¹ 42	14 ⁰ 50	20 ⁰ 37	24 ⁰ 23	13 ⁰ 24	28 ⁰ 19	13 ¹ 32	25 ³ 50	6 ⁵ 50	6 ⁰ 9	7 ⁰ 50	14 ⁰ 11	12 ⁰ 19	S 11
S 12	8 2 15	1 ⁰ 26'02	14 ⁰ 25	16 ⁰ 22	21 ⁰ 52	25 ⁰ 10	13 ⁰ 17	28 ⁰ 14	13 ¹ 35	25 ³ 53	6 ⁵ 52	6 ⁰ 10	7 ⁰ 47	14 ⁰ 18	12 ⁰ 15	S 12
M13	8 6 12	2 ⁰ 27'00	27 ⁰ 28	17 ⁰ 54	23 ⁰ 7	25 ⁰ 57	13 ⁰ 9	28 ⁰ 9	13 ¹ 38	25 ³ 55	6 ⁵ 53	6 ⁰ R11	7 ⁰ 44	14 ⁰ 25	12 ⁰ 10	M13
T 14	8 10 9	3 ⁰ 27'55	10 ⁰ 54	19 ⁰ 27	24 ⁰ 22	26 ⁰ 44	13 ⁰ 1	28 ⁰ 4	13 ¹ 40	25 ³ 57	6 ⁵ 55	6 ⁰ 11	7 ⁰ 41	14 ⁰ 31	12 ⁰ 6	T 14
W15	8 14 5	4 ⁰ 28'50	24 ⁰ 46	21 ⁰ 0	25 ⁰ 37	27 ⁰ 31	12 ⁰ 54	28 ⁰ 0	13 ¹ 43	25 ³ 59	6 ⁵ 56	6 ⁰ 10	7 ⁰ 38	14 ⁰ 38	12 ⁰ 1	W15
T 16	8 18 2	5 ⁰ 29'44	9 ¹ 3	22 ⁰ 35	26 ⁰ 51	28 ⁰ 18	12 ⁰ 46	27 ⁰ 55	13 ¹ 46	26 ⁰ 2	6 ⁵ 58	6 ⁰ 7	7 ⁰ 35	14 ⁰ 45	11 ⁰ 57	T 16
F 17	8 21 58	6 ⁰ 30'36	23 ⁰ 44	24 ⁰ 10	28 ⁰ 6	29 ⁰ 5	12 ⁰ 38	27 ⁰ 50	13 ¹ 49	26 ⁰ 4	6 ⁵ 59	6 ⁰ 3	7 ⁰ 31	14 ⁰ 51	11 ⁰ 52	F 17
S 18	8 25 55	7 ⁰ 31'26	8 ⁰ 44	25 ⁰ 46	29 ⁰ 21	29 ⁰ 52	12 ⁰ 30	27 ⁰ 45	13 ¹ 52	26 ⁰ 6	7 ⁰ 0	5 ⁰ 58	7 ⁰ 28	14 ⁰ 58	11 ⁰ 48	S 18
S 19	8 29 51	8 ⁰ 32'16	23 ⁰ 54	27 ⁰ 22	0 ¹ 35	0 ⁰ 39	12 ⁰ 22	27 ⁰ 40	13 ¹ 55	26 ⁰ 8	7 ⁰ 2	5 ⁰ 54	7 ⁰ 25	15 ⁰ 5	11 ⁰ 43	S 19
M20	8 33 48	9 ⁰ 33'04	9 ⁰ 5	28 ⁰ 59	1 ⁰ 50	1 ⁰ 26	12 ⁰ 14	27 ⁰ 35	13 ¹ 58	26 ⁰ 11	7 ⁰ 3	5 ⁰ 51	7 ⁰ 22	15 ⁰ 12	11 ⁰ 38	M20
T 21	8 37 45	10 ⁰ 33'50	24 ⁰ 6	0 ⁰ 37	3 ⁰ 5	2 ⁰ 13	12 ⁰ 6	27 ⁰ 31	14 ⁰ 1	26 ⁰ 13	7 ⁰ 4	5 ⁰ 50	7 ⁰ 19	15 ⁰ 18	11 ⁰ 34	T 21
W22	8 41 41	11 ⁰ 34'36	8 ⁰ 49	2 ⁰ 16	4 ⁰ 19	3 ⁰ 0	11 ⁰ 58	27 ⁰ 26	14 ⁰ 4	26 ⁰ 15	7 ⁰ 6	5 ⁰ D49	7 ⁰ 15	15 ⁰ 25	11 ⁰ 29	W22
T 23	8 45 38	12 ⁰ 35'20	23 ⁰ 9	3 ⁰ 55	5 ⁰ 34	3 ⁰ 47	11 ⁰ 50	27 ⁰ 21	14 ⁰ 7	26 ⁰ 17	7 ⁰ 7	5 ⁰ 50	7 ⁰ 12	15 ⁰ 32	11 ⁰ 24	T 23
F 24	8 49 34	13 ⁰ 36'03	7 ⁰ 1	5 ⁰ 36	6 ⁰ 48	4 ⁰ 34	11 ⁰ 42	27 ⁰ 17	14 ⁰ 10	26 ⁰ 19	7 ⁰ 8	5 ⁰ 51	7 ⁰ 9	15 ⁰ 38	11 ⁰ 20	F 24
S 25	8 53 31	14 ⁰ 36'45	20 ⁰ 26	7 ⁰ 17	8 ⁰ 3	5 ⁰ 21	11 ⁰ 34	27 ⁰ 12	14 ⁰ 13	26 ⁰ 22	7 ⁰ 9	5 ⁰ 53	7 ⁰ 6	15 ⁰ 45	11 ⁰ 15	S 25
S 26	8 57 27	15 ⁰ 37'26	3 ⁰ 26	8 ⁰ 59	9 ⁰ 17	6 ⁰ 8	11 ⁰ 26	27 ⁰ 7	14 ⁰ 16	26 ⁰ 24	7 ⁰ 11	5 ⁰ 54	7 ⁰ 3	15 ⁰ 52	11 ⁰ 10	S 26
M27	9 1 24	16 ⁰ 38'06	16 ⁰ 3	10 ⁰ 42	10 ⁰ 32	6 ⁰ 55	11 ⁰ 18	27 ⁰ 3	14 ⁰ 19	26 ⁰ 26	7 ⁰ 12	5 ⁰ R55	7 ⁰ 0	15 ⁰ 58	11 ⁰ 6	M27
T 28	9 5 20	17 ⁰ 38'44	28 ⁰ 22	12 ⁰ 25	11 ⁰ 46	7 ⁰ 42	11 ⁰ 11	26 ⁰ 59	14 ⁰ 22	26 ⁰ 28	7 ⁰ 13	5 ⁰ 54	6 ⁰ 56	16 ⁰ 5	11 ⁰ 1	T 28
W29	9 9 17	18 ⁰ 39'22	10 ⁰ 28	14 ⁰ 10	13 ⁰ 0	8 ⁰ 30	11 ⁰ 3	26 ⁰ 54	14 ⁰ 26	26 ⁰ 30	7 ⁰ 14	5 ⁰ 53	6 ⁰ 53	16 ⁰ 12	10 ⁰ 57	W29
T 30	9 13 14	19 ⁰ 39'58	22 ⁰ 24	15 ⁰ 55	14 ⁰ 15	9 ⁰ 17	10 ⁰ 55	26 ⁰ 50	14 ⁰ 29	26 ⁰ 32	7 ⁰ 15	5 ⁰ 51	6 ⁰ 50	16 ⁰ 18	10 ⁰ 52	T 30
F 31	9 17 10	20 ⁰ 40'33	4 ⁰ 35	17 ⁰ 42	15 ⁰ 29	10 ⁰ 4	10 ⁰ 47	26 ⁰ 45	14 ⁰ 32	26 ⁰ 35	7 ⁰ 16	5 ⁰ 49	6 ⁰ 47	16 ⁰ 25	10 ⁰ 47	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21s59	25s33	5s 6	23s30	0n 0	19s45	1s31	23s24	0s56	17n22	0n55	20n49	0n26	7s21	0s45	20s47	0n20	11s 0	10n37	9s 0	8s27	27s 4	9n50	7s24									
T 2	21 49	27 33	5 5	23 37	0s 7	19 26	1 32	23 18	0 56	17 24	0 55	20 50	0 26	7 20	0 45	20 47	0 20	11 0	10 37	9 3	8 28	27 3	9 51	7 25									
F 3	21 40	28 17	4 51	23 43	0 15	19 6	1 32	23 12	0 57	17 27	0 55	20 51	0 26	7 19	0 45	20 46	0 20	11 0	10 37	9 6	8 30	27 2	9 52	7 25									
S 4	21 29	27 42	4 24	23 48	0 23	18 46	1 33	23 6	0 57	17 29	0 55	20 52	0 26	7 18	0 45	20 46	0 20	11 0	10 37	9 9	8 31	27 1	9 53	7 25									
S 5	21 19	25 51	3 46	23 52	0 30	18 25	1 33	23 0	0 57	17 31	0 56	20 53	0 26	7 17	0 45	20 46	0 20	11 0	10 37	9 12	8 32	27 0	9 54	7 25									
M 6	21 8	22 52	2 58	23 55	0 37	18 3	1 33	22 53	0 58	17 33	0 56	20 54	0 27	7 16	0 45	20 45	0 20	11 0	10 38	9 15	8 33	26 58	9 55	7 26									
T 7	20 56	18 55	2 2	23 56	0 44	17 41	1 34	22 46	0 58	17 36	0 56	20 55	0 27	7 15	0 45	20 45	0 20	11 1	10 38	9 17	8 34	26 57	9 56	7 26									
W 8	20 45	14 11	1 0	23 56	0 50	17 19	1 34	22 39	0 58	17 38	0 56	20 57	0 27	7 14	0 45	20 44	0 20	11 1	10 38	9 18	8 36	26 56	9 57	7 26									
T 9	20 33	8 52	0n 5	23 55	0 57	16 56	1 34	22 32	0 59	17 40	0 56	20 58	0 27	7 13	0 45	20 44	0 20	11 1	10 38	9 18	8 37	26 55	9 58	7 26									
F 10	20 20	3 10	1 11	23 53	1 3	16 32	1 34	22 24	0 59	17 43	0 57	20 59	0 27	7 12	0 45	20 43	0 20	11 1	10 38	9 18	8 38	26 54	9 59	7 26									
S 11	20 7	2n45	2 15	23 49	1 9	16 8	1 34	22 16	0 59	17 45	0 57	21 0	0 27	7 10	0 45	20 43	0 19	11 1	10 38	9 17	8 39	26 52	10 0	7 26									
S 12	19 54	8 41	3 14	23 44	1 14	15 44	1 34	22 8	1 0	17 47	0 57	21 1	0 27	7 9	0 44	20 43	0 19	11 1	10 39	9 16	8 40	26 51	10 1	7 26									
M13	19 40	14 24	4 4	23 37	1 20	15 19	1 33	22 0	1 0	17 50	0 57	21 2	0 27	7 8	0 44	20 42	0 19	11 1	10 39	9 16	8 42	26 50	10 2	7 27									
T 14	19 26	19 37	4 43	23 30	1 25	14 54	1 33	21 51	1 0	17 52	0 57	21 3	0 27	7 7	0 44	20 42	0 19	11 1	10 39	9 16	8 43	26 49	10 3	7 27									
W15	19 12	23 58	5 7	23 20	1 30	14 28	1 33	21 42	1 0	17 54	0 57	21 4	0 28	7 6	0 44	20 41	0 19	11 1	10 39	9 17	8 44	26 47	10 5	7 27									
T 16	18 57	27 1	5 12	23 10	1 35	14 3	1 32	21 33	1 1	17 57	0 57	21 5	0 28	7 5	0 44	20 41	0 19	11 1	10 40	9 18	8 45	26 46	10 6	7 27									
F 17	18 42	28 19	4 58	22 58	1 39	13 36	1 32	21 24	1 1	17 59	0 58	21 6	0 28	7 4	0 44	20 41	0 19	11 1	10 40	9 19	8 46	26 45	10 7	7 27									
S 18	18 26	27 36	4 23	22 44	1 43	13 10	1 31	21 14	1 1	18 1	0 58	21 7	0 28	7 3	0 44	20 40	0 19	11 1	10 40	9 21	8 47	26 43	10 8	7 27									
S 19	18 11	24 50	3 30	22 29	1 47	12 42	1 31	21 4	1 1	18 4	0 58	21 9	0 28	7 2	0 44	20 40	0 19	11 1	10 40	9 22	8 49	26 42	10 10	7 27									
M20	17 55	20 19	2 22	22 13	1 50	12 15	1 30	20 54	1 2	18 6	0 58	21 10	0 28	7 0	0 44	20 39	0 19	11 1	10 40	9 23	8 50	26 41	10 11	7 27									
T 21	17 38	14 32	1 4	21 55	1 53	11 47	1 29	20 44	1 2	18 8	0 58	21 11	0 28	6 59	0 44	20 39	0 19	11 1	10 41	9 24	8 51	26 39	10 12	7 27									
W22	17 22	8 2	0s17	21 36	1 56	11 19	1 28	20 33	1 2	18 11	0 58	21 12	0 28	6 58	0 44	20 39	0 19	11 1	10 41	9 24	8 52	26 38	10 13	7 27									
T 23	17 5	1 17	1 34	21 15	1 58	10 51	1 28	20 22	1 2	18 13	0 58	21 13	0 28	6 57	0 44	20 38	0 19	11 1	10 41	9 24	8 53	26 37	10 15	7 27									
F 24	16 47	5s18	2 43	20 52	2 0	10 23	1 27	20 11	1 3	18 15	0 58	21 14	0 28	6 56	0 44	20 38	0 19	11 1	10 41	9 23	8 55	26 35	10 16	7 26									
S 25	16 30	11 26	3 42	20 28	2 2	9 54	1 25	20 0	1 3	18 18	0 58	21 15	0 29	6 54	0 44	20 37	0 19	11 1	10 42	9 23	8 56	26 34	10 17	7 26									
S 26	16 12	16 52	4 26	20 3	2 3	9 25	1 24	19 49	1 3	18 20	0 59	21 16	0 29	6 53	0 44	20 37	0 19	11 1	10 42	9 22	8 57	26 33	10 19	7 26									
M27	15 54	21 25	4 57	19 36	2 4	8 55	1 23	19 37	1 3	18 22	0 59	21 17	0 29	6 52	0 44	20 36	0 19	11 1	10 42	9 22	8 58	26 31	10 20	7 26									
T 28	15 35	24 56	5 13	19 7	2 5	8 26	1 22	19 25	1 4	18 25	0 59	21 17	0 29	6 51	0 44	20 36	0 19	11 1	10 42	9 22	8 59	26 30	10 21	7 26									
W29	15 17	27 16	5 15	18 37	2 5	7 56	1 21	19 13	1 4	18 27	0 59	21 18	0 29	6 50	0 44	20 36	0 19	11 1	10 43	9 23	9 0	26 29	10 23	7 26									
T 30	14 58	28 19	5 3	18 5	2 5	7 26	1 19	19 1	1 4	18 29	0 59	21 19	0 29	6 48	0 44	20 35	0 19	11 0	10 43	9 23	9 2	26 27	10 24	7 26									
F 31	14s38	28s 4	4s38	17s32	2s 4	6s56	1s18	18s48	1s 4	18n31	0n59	21n20	0n29	6s47	0s44	20s35	0n19	11s 0	10n43	9s24	9s 3	26s26	10n26	7s25									

ASTRODIENST EPHEMERIS for the year 1505

geocentric

FEBRUARY 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 21 7	21 ⁴⁴ 1'07	16 ³ 5	19 ²² 29	16 ³ 43	10 ²² 51	10 ² R39	26 ² R41	14 ³ 35	26 ² 37	7 ² 17	5 ² R46	6 ³ 44	16 ² 32	10 ² R43	S 1
S 2	9 25 3	22 ⁴¹ 39	27 ⁵ 55	21 ¹ 17	17 ⁵ 57	11 ³ 38	10 ² 32	26 ² 37	14 ³ 38	26 ² 39	7 ² 18	5 ² 44	6 ³ 41	16 ² 39	10 ² 38	S 2
M 3	9 29 0	23 ⁴² 10	9 ²² 50	23 ² 6	19 ¹ 12	12 ² 26	10 ² 24	26 ² 33	14 ³ 42	26 ² 41	7 ² 19	5 ² 42	6 ³ 37	16 ² 45	10 ² 34	M 3
T 4	9 32 56	24 ⁴² 39	21 ⁵ 51	24 ² 56	20 ² 26	13 ¹ 13	10 ² 17	26 ² 29	14 ³ 45	26 ² 43	7 ² 20	5 ² 41	6 ³ 34	16 ² 52	10 ² 29	T 4
W 5	9 36 53	25 ⁴³ 07	4 ³ 0	26 ² 46	21 ⁴ 40	14 ² 0	10 ² 9	26 ² 25	14 ³ 48	26 ² 45	7 ² 20	5 ² D41	6 ³ 31	16 ² 59	10 ² 25	W 5
T 6	9 40 49	26 ⁴³ 32	16 ¹ 18	28 ² 38	22 ² 54	14 ² 47	10 ² 2	26 ² 21	14 ³ 51	26 ² 47	7 ² 21	5 ² 41	6 ³ 28	17 ² 5	10 ² 21	T 6
F 7	9 44 46	27 ⁴³ 56	28 ² 47	0 ³ 30	24 ² 8	15 ² 35	9 ² 54	26 ² 17	14 ³ 55	26 ² 49	7 ² 22	5 ² 42	6 ³ 25	17 ² 12	10 ² 16	F 7
S 8	9 48 43	28 ⁴⁴ 18	11 ² 28	2 ² 23	25 ² 22	16 ² 22	9 ² 47	26 ² 13	14 ³ 58	26 ² 51	7 ² 23	5 ² 43	6 ³ 21	17 ² 19	10 ² 12	S 8
S 9	9 52 39	29 ⁴⁴ 39	24 ² 24	4 ² 16	26 ² 36	17 ² 9	9 ² 40	26 ² 10	15 ² 1	26 ² 53	7 ² 23	5 ² 43	6 ³ 18	17 ² 25	10 ² 8	S 9
M10	9 56 36	0 ³ 44'57	7 ³ 35	6 ² 10	27 ² 50	17 ² 56	9 ² 33	26 ² 6	15 ² 5	26 ² 55	7 ² 24	5 ² 44	6 ³ 15	17 ² 32	10 ² 3	M10
T 11	10 0 32	1 ⁴⁵ 13	21 ² 3	8 ² 5	29 ² 4	18 ² 44	9 ² 26	26 ² 3	15 ² 8	26 ² 57	7 ² 25	5 ² 44	6 ³ 12	17 ² 39	9 ² 59	T 11
W12	10 4 29	2 ⁴⁵ 27	4 ² 49	9 ² 59	0 ³ 17	19 ² 31	9 ² 19	25 ² 59	15 ² 12	26 ² 59	7 ² 25	5 ² R44	6 ³ 9	17 ² 45	9 ² 55	W12
T 13	10 8 25	3 ⁴⁵ 39	18 ² 53	11 ² 54	1 ³ 31	20 ² 18	9 ² 13	25 ² 56	15 ² 15	27 ² 1	7 ² 26	5 ² 44	6 ³ 6	17 ² 52	9 ² 51	T 13
F 14	10 12 22	4 ⁴⁵ 50	3 ² 51	13 ² 48	2 ⁴ 5	21 ² 5	9 ² 6	25 ² 52	15 ² 18	27 ² 3	7 ² 26	5 ² 44	6 ³ 2	17 ² 59	9 ² 47	F 14
S 15	10 16 18	5 ⁴⁵ 57	17 ² 50	15 ² 43	3 ⁵ 59	21 ² 53	9 ² 0	25 ² 49	15 ² 22	27 ² 5	7 ² 27	5 ² D44	5 ⁵ 59	18 ² 6	9 ² 43	S 15
S 16	10 20 15	6 ⁴⁶ 03	2 ² 35	17 ² 36	5 ¹ 12	22 ² 40	8 ² 53	25 ² 46	15 ² 25	27 ² 7	7 ² 27	5 ² 44	5 ⁵ 56	18 ² 12	9 ² 39	S 16
M17	10 24 12	7 ⁴⁶ 07	17 ² 23	19 ² 29	6 ² 26	23 ² 27	8 ² 47	25 ² 43	15 ² 29	27 ² 8	7 ² 28	5 ² 44	5 ⁵ 53	18 ² 19	9 ² 35	M17
T 18	10 28 8	8 ⁴⁶ 08	2 ² 49	21 ² 20	7 ² 39	24 ² 14	8 ² 41	25 ² 40	15 ² 32	27 ² 10	7 ² 28	5 ² R44	5 ⁵ 50	18 ² 26	9 ² 32	T 18
W19	10 32 5	9 ⁴⁶ 08	16 ² 40	23 ² 10	8 ² 53	25 ² 1	8 ² 35	25 ² 37	15 ² 35	27 ² 12	7 ² 29	5 ² 44	5 ⁵ 47	18 ² 32	9 ² 28	W19
T 20	10 36 1	10 ⁴⁶ 06	0 ² 56	24 ² 57	10 ² 6	25 ² 49	8 ² 29	25 ² 35	15 ² 39	27 ² 14	7 ² 29	5 ² 44	5 ⁵ 43	18 ² 39	9 ² 24	T 20
F 21	10 39 58	11 ⁴⁶ 02	14 ² 51	26 ² 42	11 ² 19	26 ² 36	8 ² 24	25 ² 32	15 ² 42	27 ² 16	7 ² 29	5 ² 43	5 ⁵ 40	18 ² 46	9 ² 21	F 21
S 22	10 43 54	12 ⁴⁵ 56	28 ² 21	28 ² 23	12 ² 32	27 ² 23	8 ² 18	25 ² 29	15 ² 46	27 ² 17	7 ² 29	5 ² 42	5 ⁵ 37	18 ² 52	9 ² 17	S 22
S 23	10 47 51	13 ⁴⁵ 48	11 ² 27	0 ³ 1	13 ² 46	28 ² 10	8 ² 13	25 ² 27	15 ² 49	27 ² 19	7 ² 30	5 ² 41	5 ⁵ 34	18 ² 59	9 ² 14	S 23
M24	10 51 47	14 ⁴⁵ 39	24 ² 11	1 ³ 35	14 ² 59	28 ² 58	8 ² 8	25 ² 25	15 ² 53	27 ² 21	7 ² 30	5 ² 41	5 ⁵ 31	19 ² 6	9 ² 11	M24
T 25	10 55 44	15 ⁴⁵ 28	6 ² 35	3 ² 5	16 ² 12	29 ² 45	8 ² 3	25 ² 22	15 ² 56	27 ² 22	7 ² 30	5 ² 40	5 ⁵ 27	19 ² 12	9 ² 7	T 25
W26	10 59 41	16 ⁴⁵ 15	18 ² 43	4 ² 29	17 ² 25	0 ³ 32	7 ² 58	25 ² 20	15 ² 59	27 ² 24	7 ² 30	5 ² D40	5 ⁵ 24	19 ² 19	9 ² 4	W26
T 27	11 3 37	17 ⁴⁵ 01	0 ³ 40	5 ² 47	18 ² 38	1 ³ 19	7 ² 53	25 ² 18	16 ² 3	27 ² 26	7 ² 30	5 ² 40	5 ⁵ 21	19 ² 26	9 ² 1	T 27
F 28	11 7 34	18 ⁴⁴ 45	12 ² 32	7 ² 0	19 ² 51	2 ³ 6	7 ² 48	25 ² 16	16 ² 6	27 ² 27	7 ² 30	5 ² 41	5 ⁵ 18	19 ² 32	8 ² 58	F 28

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s19	26s31	4s 1	16s57	2s 3	6s26	1s16	18s35	1s 4	18n34	0n59	21n21	0n29	6s46	0s44	20s34	0n19	11s 0	10n43	9s25	9s 4	26s24	10n27	7s25	
S 2	13 59	23 48	3 14	16 21	2 1	5 55	1 15	18 22	1 4	18 36	0 59	21 22	0 29	6 45	0 44	20 34	0 19	11 0	10 44	9 26	9 5	26 23	10 28	7 25	
M 3	13 39	20 3	2 18	15 43	1 59	5 24	1 13	18 9	1 5	18 38	0 59	21 23	0 29	6 43	0 44	20 34	0 19	11 0	10 44	9 27	9 6	26 22	10 30	7 25	
T 4	13 19	15 28	1 16	15 4	1 56	4 54	1 11	17 56	1 5	18 40	0 59	21 24	0 29	6 42	0 44	20 33	0 19	11 0	10 44	9 27	9 8	26 20	10 31	7 24	
W 5	12 59	10 13	0 9	14 23	1 52	4 23	1 9	17 42	1 5	18 42	0 59	21 25	0 29	6 41	0 44	20 33	0 19	11 0	10 44	9 27	9 9	26 19	10 33	7 24	
T 6	12 38	4 31	0n59	13 41	1 49	3 52	1 8	17 29	1 5	18 44	0 59	21 25	0 30	6 39	0 44	20 33	0 19	11 0	10 45	9 27	9 10	26 17	10 34	7 24	
F 7	12 18	1n25	2 5	12 57	1 44	3 20	1 6	17 15	1 5	18 46	0 59	21 26	0 30	6 38	0 44	20 32	0 19	10 59	10 45	9 27	9 11	26 16	10 36	7 23	
S 8	11 57	7 24	3 6	12 12	1 39	2 49	1 4	17 1	1 5	18 48	0 59	21 27	0 30	6 37	0 44	20 32	0 19	10 59	10 45	9 27	9 12	26 14	10 37	7 23	
S 9	11 36	13 10	3 59	11 25	1 34	2 18	1 2	16 47	1 5	18 50	0 59	21 28	0 30	6 35	0 44	20 31	0 19	10 59	10 45	9 26	9 13	26 13	10 39	7 23	
M10	11 14	18 29	4 40	10 38	1 27	1 46	0 59	16 32	1 6	18 52	0 59	21 29	0 30	6 34	0 44	20 31	0 19	10 59	10 46	9 26	9 15	26 11	10 40	7 22	
T 11	10 53	23 0	5 7	9 49	1 21	1 15	0 57	16 18	1 6	18 54	1 0	21 29	0 30	6 33	0 44	20 31	0 19	10 59	10 46	9 26	9 16	26 10	10 42	7 22	
W12	10 31	26 21	5 17	8 59	1 13	0 44	0 55	16 3	1 6	18 56	1 0	21 30	0 30	6 32	0 44	20 30	0 19	10 59	10 46	9 26	9 17	26 8	10 43	7 21	
T 13	10 9	28 10	5 9	8 7	1 5	0 12	0 53	15 48	1 6	18 57	1 0	21 31	0 30	6 30	0 44	20 30	0 19	10 58	10 47	9 26	9 18	26 7	10 44	7 21	
F 14	9 47	28 10	4 42	7 15	0 57	0n19	0 51	15 33	1 6	18 59	1 0	21 31	0 30	6 29	0 44	20 30	0 19	10 58	10 47	9 26	9 19	26 5	10 46	7 21	
S 15	9 25	26 13	3 56	6 23	0 47	0 51	0 48	15 18	1 6	19 1	1 0	21 32	0 30	6 28	0 44	20 29	0 19	10 58	10 47	9 26	9 20	26 4	10 47	7 20	
S 16	9 3	22 28	2 54	5 29	0 38	1 22	0 46	15 2	1 6	19 3	1 0	21 33	0 30	6 26	0 44	20 29	0 19	10 58	10 47	9 26	9 22	26 2	10 49	7 20	
M17	8 41	17 16	1 40	4 35	0 27	1 54	0 43	14 47	1 6	19 4	1 0	21 33	0 30	6 25	0 44	20 28	0 19	10 58	10 48	9 26	9 23	26 1	10 50	7 19	
T 18	8 18	11 4	0 20	3 42	0 16	2 25	0 41	14 31	1 6	19 6	1 0	21 34	0 30	6 24	0 44	20 28	0 19	10 57	10 48	9 26	9 24	25 59	10 52	7 19	
W19	7 56	4 21	1s 0	2 48	0 5	2 57	0 38	14 15	1 6	19 7	1 0	21 35	0 30	6 22	0 44	20 28	0 19	10 57	10 48	9 26	9 25	25 58	10 53	7 18	
T 20	7 33	2s27	2 15	1 54	0n 7	3 28	0 36	13 59	1 6	19 9	1 0	21 35	0 30	6 21	0 44	20 27	0 19	10 57	10 48	9 26	9 26	25 56	10 55	7 18	
F 21	7 10	8 57	3 20	1 1	0 20	3 59	0 33	13 43	1 6	19 10	1 0	21 36	0 31	6 20	0 44	20 27	0 19	10 57	10 49	9 26	9 27	25 55	10 56	7 17	
S 22	6 47	14 50	4 12	0 9	0 33	4 30	0 30	13 27	1 6	19 12	1 0	21 36	0 31	6 18	0 44	20 27	0 19	10 57	10 49	9 27	9 29	25 53	10 57	7 17	
S 23	6 24	19 53	4 49	0n42	0 46	5 1	0 27	13 11	1 6	19 13	1 0	21 37	0 31	6 17	0 44	20 26	0 19	10 56	10 49	9 27	9 30	25 52	10 59	7 16	
M24	6 1	23 53	5 11	1 32	0 59	5 32	0 25	12 54	1 6	19 15	1 0	21 37	0 31	6 16	0 44	20 26	0 19	10 56	10 50	9 27	9 31	25 50	11 0	7 16	
T 25	5 38	26 40	5 17	2 20	1 12	6 3	0 22	12 38	1 6	19 16	0 59	21 38	0 31	6 14	0 44	20 26	0 19	10 56	10 50	9 28	9 32	25 49	11 2	7 15	
W26	5 15	28 9	5 9	3 6	1 25	6 34	0 19	12 21	1 6	19 17	0 59	21 38	0 31	6 13	0 44	20 25	0 19	10 56	10 50	9 28	9 33	25 47	11 3	7 14	
T 27	4 51	28 18	4 47	3 49	1 39	7 5	0 16	12 4	1 6	19 18	0 59	21 39	0 31	6 12	0 44	20 25	0 19	10 55	10 50	9 27	9 34	25 45	11 4	7 14	
F 28	4s28	27s 8	4s14	4n30	1n52	7n35	0s13	11s47	1s 6	19n19	0n59	21n39	0n31	6s10	0s44	20s25	0n19	10s55	10n51	9s27	9s36	25s44	11n 6	7s13	

ASTRODIENST EPHEMERIS for the year 1505

geocentric

MARCH 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	11 11 30	19°44'27	24°32'1	8°5'6	21°1'4	2°53	7°R44	25°R14	16°10	27°329	7°R30	5°42	5°15	19°39	8°R55	S 1
S 2	11 15 27	20°44'07	6°13	9°5	22°17	3°41	7°40	25°13	16°13	27°30	7°30	5°44	5°12	19°46	8°52	S 2
M 3	11 19 23	21°43'46	18°12	9°57	23°29	4°28	7°36	25°11	16°17	27°32	7°30	5°45	5°8	19°52	8°49	M 3
T 4	11 23 20	22°43'22	0°21	10°41	24°42	5°15	7°32	25°9	16°20	27°33	7°30	5°R46	5°5	19°59	8°47	T 4
W 5	11 27 16	23°42'57	12°42	11°18	25°55	6°2	7°28	25°8	16°23	27°35	7°30	5°46	5°2	20°6	8°44	W 5
T 6	11 31 13	24°42'29	25°17	11°47	27°7	6°49	7°25	25°7	16°27	27°36	7°30	5°45	4°59	20°13	8°42	T 6
F 7	11 35 9	25°41'59	8°5'6	12°8	28°20	7°36	7°21	25°5	16°30	27°38	7°30	5°43	4°56	20°19	8°39	F 7
S 8	11 39 6	26°41'28	21°10	12°21	29°32	8°23	7°18	25°4	16°34	27°39	7°29	5°40	4°53	20°26	8°37	S 8
S 9	11 43 3	27°40'54	4°27	12°R27	0°44	9°10	7°15	25°3	16°37	27°41	7°29	5°36	4°49	20°33	8°35	S 9
M10	11 46 59	28°40'18	17°58	12°24	1°57	9°57	7°12	25°2	16°40	27°42	7°29	5°33	4°46	20°39	8°33	M10
T 11	11 50 56	29°39'40	1°41	12°15	3°9	10°44	7°10	25°2	16°44	27°43	7°29	5°30	4°43	20°46	8°31	T 11
W12	11 54 52	0°38'59	15°34	11°58	4°21	11°31	7°7	25°1	16°47	27°45	7°28	5°28	4°40	20°53	8°29	W12
T 13	11 58 49	1°38'16	29°37	11°35	5°33	12°18	7°5	25°0	16°50	27°46	7°28	5°D28	4°37	20°59	8°27	T 13
F 14	12 2 45	2°37'31	13°37	11°5	6°45	13°5	7°3	25°0	16°54	27°47	7°27	5°28	4°33	21°6	8°25	F 14
S 15	12 6 42	3°36'43	28°3	10°31	7°57	13°52	7°1	25°0	16°57	27°48	7°27	5°29	4°30	21°13	8°24	S 15
S 16	12 10 38	4°35'53	12°22	9°52	9°9	14°39	6°59	24°59	17°0	27°49	7°27	5°31	4°27	21°19	8°22	S 16
M17	12 14 35	5°35'01	26°42	9°9	10°20	15°26	6°58	24°59	17°4	27°51	7°26	5°32	4°24	21°26	8°21	M17
T 18	12 18 32	6°34'06	10°59	8°23	11°32	16°13	6°57	24°D59	17°7	27°52	7°25	5°R32	4°21	21°33	8°19	T 18
W19	12 22 28	7°33'09	25°8	7°36	12°44	17°0	6°56	24°59	17°10	27°53	7°25	5°31	4°18	21°39	8°18	W19
T 20	12 26 25	8°32'10	9°26	6°48	13°55	17°46	6°55	25°0	17°14	27°54	7°24	5°28	4°14	21°46	8°17	T 20
F 21	12 30 21	9°31'08	22°49	6°0	15°6	18°33	6°54	25°0	17°17	27°55	7°24	5°23	4°11	21°53	8°16	F 21
S 22	12 34 18	10°30'05	6°13	5°13	16°18	19°20	6°53	25°0	17°20	27°56	7°23	5°17	4°8	21°59	8°15	S 22
S 23	12 38 14	11°29'00	19°17	4°28	17°29	20°7	6°53	25°1	17°23	27°57	7°22	5°11	4°5	22°6	8°15	S 23
M24	12 42 11	12°27'53	2°1	3°45	18°40	20°53	6°D53	25°2	17°27	27°58	7°22	5°6	4°2	22°13	8°14	M24
T 25	12 46 7	13°26'45	14°27	3°6	19°51	21°40	6°53	25°2	17°30	27°59	7°21	5°1	3°58	22°19	8°13	T 25
W26	12 50 4	14°25'34	26°37	2°30	21°2	22°27	6°53	25°3	17°33	27°59	7°20	4°57	3°55	22°26	8°13	W26
T 27	12 54 1	15°24'22	8°36	1°59	22°13	23°13	6°53	25°4	17°36	28°0	7°19	4°56	3°52	22°33	8°13	T 27
F 28	12 57 57	16°23'08	20°28	1°33	23°24	24°0	6°54	25°5	17°39	28°1	7°18	4°D55	3°49	22°40	8°12	F 28
S 29	13 1 54	17°21'53	2°18	1°11	24°34	24°46	6°55	25°6	17°42	28°2	7°18	4°56	3°46	22°46	8°12	S 29
S 30	13 5 50	18°20'35	14°11	0°55	25°45	25°33	6°56	25°8	17°45	28°3	7°17	4°58	3°43	22°53	8°D12	S 30
M31	13 9 47	19°19'16	26°13	0°44	26°55	26°19	6°D57	25°9	17°48	28°3	7°16	4°59	3°39	23°0	8°D12	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	4s 4	24s45	3s30	5n 7	2n 4	8n 5	0s10	11s30	1s 6	19n21	0n59	21n39	0n31	6s 9	0s44	20s25
S 2	3 41	21 17	2 36	5 42	2 17	8 35	0 7	11 13	1 6	19 22	0 59	21 40	0 31	6 8	0 44	20 24
M 3	3 17	16 56	1 36	6 13	2 28	9 5	0 4	10 56	1 6	19 23	0 59	21 40	0 31	6 6	0 44	20 24
T 4	2 54	11 51	0 30	6 41	2 39	9 35	0 1	10 38	1 6	19 24	0 59	21 40	0 31	6 5	0 44	20 24
W 5	2 30	6 13	0n38	7 5	2 49	10 4	0n 2	10 21	1 6	19 24	0 59	21 41	0 31	6 4	0 44	20 23
T 6	2 6	0 16	1 46	7 24	2 58	10 34	0 5	10 3	1 6	19 25	0 59	21 41	0 31	6 2	0 44	20 23
F 7	1 43	5n48	2 49	7 40	3 6	11 3	0 9	9 46	1 6	19 26	0 59	21 41	0 31	6 1	0 44	20 23
S 8	1 19	11 45	3 45	7 52	3 13	11 31	0 12	9 28	1 6	19 27	0 59	21 41	0 31	6 0	0 44	20 22
S 9	0 55	17 16	4 29	7 59	3 19	12 0	0 15	9 10	1 6	19 28	0 59	21 42	0 31	5 58	0 44	20 22
M10	0 32	22 1	5 0	8 2	3 23	12 28	0 18	8 52	1 6	19 28	0 59	21 42	0 31	5 57	0 44	20 22
T 11	0 8	25 40	5 13	8 0	3 26	12 56	0 21	8 34	1 6	19 29	0 59	21 42	0 31	5 56	0 44	20 22
W12	0n16	27 51	5 9	7 55	3 27	13 23	0 25	8 16	1 6	19 29	0 59	21 42	0 32	5 54	0 44	20 21
T 13	0 39	28 17	4 47	7 45	3 26	13 51	0 28	7 58	1 6	19 30	0 59	21 42	0 32	5 53	0 44	20 21
F 14	1 3	26 53	4 7	7 31	3 24	14 18	0 31	7 40	1 5	19 30	0 59	21 43	0 32	5 52	0 44	20 21
S 15	1 26	23 44	3 11	7 14	3 20	14 44	0 34	7 22	1 5	19 31	0 59	21 43	0 32	5 50	0 44	20 21
S 16	1 50	19 7	2 4	6 53	3 14	15 11	0 38	7 4	1 5	19 31	0 59	21 43	0 32	5 49	0 44	20 20
M17	2 13	13 24	0 48	6 29	3 6	15 37	0 41	6 45	1 5	19 32	0 58	21 43	0 32	5 48	0 44	20 20
T 18	2 37	7 1	0s30	6 3	2 57	16 2	0 44	6 27	1 5	19 32	0 58	21 43	0 32	5 47	0 44	20 20
W19	3 0	0 20	1 45	5 35	2 47	16 27	0 47	6 9	1 5	19 32	0 58	21 43	0 32	5 45	0 44	20 20
T 20	3 24	6s16	2 53	5 5	2 35	16 52	0 51	5 50	1 5	19 32	0 58	21 43	0 32	5 44	0 44	20 20
F 21	3 47	12 27	3 50	4 33	2 22	17 16	0 54	5 32	1 4	19 32	0 58	21 43	0 32	5 43	0 44	20 19
S 22	4 10	17 54	4 32	4 2	2 8	17 40	0 57	5 13	1 4	19 32	0 58	21 43	0 32	5 42	0 44	20 19
S 23	4 33	22 23	4 59	3 30	1 53	18 4	1 0	4 55	1 4	19 32	0 58	21 43	0 32	5 40	0 44	20 19
M24	4 56	25 41	5 10	2 59	1 37	18 27	1 4	4 36	1 4	19 32	0 58	21 43	0 32	5 39	0 44	20 19
T 25	5 19	27 40	5 7	2 28	1 21	18 49	1 7	4 17	1 4	19 32	0 58	21 43	0 32	5 38	0 44	20 19
W26	5 42	28 17	4 49	1 59	1 5	19 11	1 10	3 59	1 4	19 32	0 58	21 42	0 32	5 37	0 44	20 19
T 27	6 5	27 32	4 19	1 32	0 48	19 33	1 13	3 40	1 3	19 32	0 58	21 42	0 32	5 35	0 44	20 18
F 28	6 28	25 32	3 38	1 6	0 32	19 54	1 16	3 21	1 3	19 32	0 58	21 42	0 32	5 34	0 44	20 18
S 29	6 50	22 26	2 48	0 43	0 16	20 15	1 19	3 3	1 3	19 31	0 58	21 42	0 32	5 33	0 44	20 18
S 30	7 13	18 23	1 50	0 22	0 0	20 35	1 23	2 44	1 3	19 31	0 57	21 42	0 32	5 32	0 44	20 18
M31	7n35	13s34	0s47	0n 3	0s15	20n55	1n26	2s25	1s 2	19n31	0n57	21n42	0n32	5s31	0s44	20s18

Julian Day Number = 2270818.5, Delta T = 280.38 sec

Ecliptic obliquity = 23°30'22, Nutation = 0°00'08, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°50'10, Lahiri = 16°57'10 Julian Calendar 1 March 1505 == Greg. Calendar 11 March 1505

ASTRODIENST EPHEMERIS for the year 1505
geocentric

APRIL 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 13 43	20°17'55	8°27	0°R38	28°8 6	27°11 6	6°58	25°11	17°51	28°3 4	7°R15	4°R59	3°36	23°3 6	8°12	T 1
W 2	13 17 40	21°16'32	20°57	0°D37	29°16	27°52	7° 0	25°12	17°54	28° 5	7°14	4°58	3°33	23°13	8°13	W 2
T 3	13 21 36	22°15'08	3°46	0°Y41	0°126	28°39	7° 1	25°14	17°57	28° 5	7°13	4°55	3°30	23°20	8°13	T 3
F 4	13 25 33	23°13'41	16°55	0°50	1°36	29°25	7° 3	25°16	18° 0	28° 6	7°12	4°49	3°27	23°26	8°14	F 4
S 5	13 29 30	24°12'13	0°23	1° 4	2°46	0°11	7° 5	25°18	18° 3	28° 6	7°11	4°42	3°24	23°33	8°14	S 5
S 6	13 33 26	25°10'43	14° 7	1°23	3°56	0°58	7° 8	25°20	18° 6	28° 7	7°10	4°34	3°20	23°40	8°15	S 6
M 7	13 37 23	26° 9'10	28° 5	1°47	5° 6	1°44	7°10	25°22	18° 9	28° 7	7° 9	4°25	3°17	23°46	8°16	M 7
T 8	13 41 19	27° 7'36	12°12	2°14	6°15	2°30	7°13	25°24	18°12	28° 8	7° 8	4°18	3°14	23°53	8°17	T 8
W 9	13 45 16	28° 6'00	26°23	2°46	7°25	3°16	7°15	25°26	18°15	28° 8	7° 6	4°12	3°11	24° 0	8°18	W 9
T 10	13 49 12	29° 4'22	10°36	3°22	8°34	4° 2	7°18	25°29	18°18	28° 9	7° 5	4° 8	3° 8	24° 6	8°19	T 10
F 11	13 53 9	0°2'41	24°48	4° 2	9°43	4°48	7°22	25°31	18°20	28° 9	7° 4	4°D 7	3° 4	24°13	8°20	F 11
S 12	13 57 5	1° 0'59	8°56	4°46	10°53	5°34	7°25	25°34	18°23	28° 9	7° 3	4° 7	3° 1	24°20	8°22	S 12
S 13	14 1 2	1°59'14	22°59	5°33	12° 2	6°20	7°28	25°37	18°26	28° 9	7° 2	4° 8	2°58	24°26	8°23	S 13
M14	14 4 59	2°57'27	6°17	6°23	13°10	7° 6	7°32	25°40	18°29	28°10	7° 0	4°R 8	2°55	24°33	8°25	M14
T 15	14 8 55	3°55'38	20°48	7°17	14°19	7°52	7°36	25°43	18°31	28°10	6°59	4° 7	2°52	24°40	8°27	T 15
W16	14 12 52	4°53'47	4°31	8°14	15°28	8°38	7°40	25°46	18°34	28°10	6°58	4° 3	2°49	24°46	8°28	W16
T 17	14 16 48	5°51'54	18° 4	9°14	16°36	9°24	7°44	25°49	18°36	28°10	6°56	3°57	2°45	24°53	8°30	T 17
F 18	14 20 45	6°49'59	1°12	10°17	17°45	10°10	7°48	25°52	18°39	28°10	6°55	3°49	2°42	25° 0	8°32	F 18
S 19	14 24 41	7°48'03	14°33	11°22	18°53	10°55	7°53	25°55	18°41	28°10	6°54	3°38	2°39	25° 6	8°35	S 19
S 20	14 28 38	8°46'05	27°25	12°30	20° 1	11°41	7°57	25°59	18°44	28°10	6°52	3°27	2°36	25°13	8°37	S 20
M21	14 32 34	9°44'06	10°12	13°41	21° 9	12°27	8° 2	26° 2	18°46	28°R11	6°51	3°16	2°33	25°20	8°39	M21
T 22	14 36 31	10°42'05	22°23	14°55	22°16	13°12	8° 7	26° 6	18°49	28°11	6°50	3° 6	2°30	25°26	8°42	T 22
W23	14 40 28	11°40'02	4°31	16°11	23°24	13°58	8°12	26°10	18°51	28°10	6°48	2°58	2°26	25°33	8°44	W23
T 24	14 44 24	12°37'59	16°29	17°29	24°31	14°44	8°17	26°13	18°54	28°10	6°47	2°53	2°23	25°40	8°47	T 24
F 25	14 48 21	13°35'53	28°20	18°50	25°38	15°29	8°23	26°17	18°56	28°10	6°45	2°49	2°20	25°46	8°49	F 25
S 26	14 52 17	14°33'47	10°10	20°13	26°46	16°14	8°28	26°21	18°58	28°10	6°44	2°D48	2°17	25°53	8°52	S 26
S 27	14 56 14	15°31'39	22° 3	21°38	27°52	17° 0	8°34	26°25	19° 0	28°10	6°42	2°48	2°14	26° 0	8°55	S 27
M28	15 0 10	16°29'30	4°11	23° 5	28°59	17°45	8°40	26°29	19° 3	28°10	6°41	2°R49	2°10	26° 6	8°58	M28
T 29	15 4 7	17°27'20	16°21	24°35	0°56	18°30	8°46	26°34	19° 5	28° 9	6°40	2°48	2° 7	26°13	9° 1	T 29
W30	15 8 3	18°25'08	28°16	26°17	1°12	19°16	8°52	26°38	19°11	28°9 7	6°38	2°45	2°11	26°20	9° 5	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	7n57	8s 8	0n19	0s13	0s30	21n14	1n29	2s 6	1s 2	19n30	0n57	21n41	0n32	5s29	0s44	20s18	0n19	10s45	10n58	9s42	10s13	24s49	11n40	6s49			
W 2	8 19	2 17	1 25	0 26	0 45	21 32	1 32	1 48	1 2	19 30	0 57	21 41	0 32	5 28	0 44	20 17	0 19	10 45	10 58	9 43	10 14	24 47	11 41	6 49			
T 3	8 41	3n47	2 29	0 37	0 58	21 51	1 35	1 29	1 2	19 29	0 57	21 41	0 32	5 27	0 44	20 17	0 19	10 45	10 59	9 44	10 15	24 46	11 41	6 48			
F 4	9 3	9 50	3 26	0 45	1 11	22 8	1 38	1 10	1 1	19 29	0 57	21 40	0 32	5 26	0 44	20 17	0 19	10 44	10 59	9 46	10 16	24 44	11 42	6 47			
S 5	9 25	15 35	4 14	0 51	1 24	22 25	1 41	0 52	1 1	19 28	0 57	21 40	0 32	5 25	0 44	20 17	0 19	10 44	10 59	9 49	10 17	24 42	11 43	6 46			
S 6	9 46	20 41	4 47	0 54	1 35	22 41	1 43	0 33	1 1	19 27	0 57	21 40	0 33	5 24	0 44	20 17	0 19	10 44	10 59	9 52	10 19	24 40	11 43	6 45			
M 7	10 8	24 44	5 4	0 55	1 46	22 57	1 46	0 14	1 0	19 27	0 57	21 39	0 33	5 23	0 44	20 17	0 19	10 43	10 59	9 55	10 20	24 38	11 44	6 45			
T 8	10 29	27 20	5 3	0 53	1 56	23 12	1 49	0n 5	1 0	19 26	0 57	21 39	0 33	5 21	0 44	20 17	0 19	10 43	10 59	9 58	10 21	24 36	11 44	6 44			
W 9	10 50	28 11	4 44	0 49	2 5	23 27	1 52	0 23	1 0	19 25	0 57	21 39	0 33	5 20	0 44	20 17	0 19	10 43	11 0	10 0	10 22	24 34	11 45	6 43			
T 10	11 11	27 11	4 7	0 42	2 14	23 41	1 54	0 42	1 0	19 24	0 56	21 38	0 33	5 19	0 44	20 17	0 19	10 42	11 0	10 1	10 23	24 33	11 45	6 42			
F 11	11 31	24 25	3 15	0 34	2 22	23 54	1 57	1 1	0 59	19 23	0 56	21 38	0 33	5 18	0 44	20 17	0 19	10 42	11 0	10 2	10 24	24 31	11 46	6 41			
S 12	11 52	20 11	2 11	0 23	2 29	24 7	2 0	1 19	0 59	19 23	0 56	21 37	0 33	5 17	0 44	20 17	0 19	10 42	11 0	10 2	10 25	24 29	11 46	6 40			
S 13	12 12	14 50	0 59	0 10	2 35	24 19	2 2	1 38	0 59	19 22	0 56	21 37	0 33	5 16	0 44	20 16	0 19	10 41	11 0	10 1	10 27	24 27	11 47	6 40			
M14	12 32	8 45	0s15	0n 5	2 41	24 30	2 5	1 56	0 58	19 21	0 56	21 36	0 33	5 15	0 44	20 16	0 19	10 41	11 0	10 1	10 28	24 25	11 47	6 39			
T 15	12 52	2 19	1 28	0 22	2 46	24 41	2 7	2 15	0 58	19 20	0 56	21 36	0 33	5 14	0 44	20 16	0 19	10 41	11 0	10 2	10 29	24 23	11 48	6 38			
W16	13 11	4s10	2 35	0 40	2 50	24 51	2 9	2 33	0 58	19 18	0 56	21 35	0 33	5 13	0 44	20 16	0 19	10 40	11 0	10 3	10 30	24 21	11 48	6 37			
T 17	13 31	10 22	3 32	1 1	2 53	25 1	2 11	2 51	0 57	19 17	0 56	21 35	0 33	5 12	0 45	20 16	0 19	10 40	11 1	10 5	10 31	24 19	11 48	6 36			
F 18	13 50	16 0	4 16	1 23	2 56	25 9	2 14	3 10	0 57	19 16	0 56	21 34	0 33	5 11	0 45	20 16	0 19	10 40	11 1	10 8	10 32	24 17	11 48	6 36			
S 19	14 9	20 48	4 46	1 46	2 58	25 18	2 16	3 28	0 56	19 15	0 56	21 34	0 33	5 10	0 45	20 16	0 19	10 39	11 1	10 12	10 33	24 16	11 49	6 35			
S 20	14 28	24 31	5 1	2 12	3 0	25 25	2 18	3 46	0 56	19 14	0 56	21 33	0 33	5 9	0 45	20 16	0 19	10 39	11 1	10 16	10 35	24 14	11 49	6 34			
M21	14 46	26 58	5 1	2 38	3 1	25 32	2 20	4 5	0 56	19 12	0 56	21 32	0 33	5 8	0 45	20 16	0 19	10 39	11 1	10 20	10 36	24 12	11 49	6 33			
T 22	15 5	28 3	4 46	3 7	3 1	25 38	2 22	4 23	0 55	19 11	0 55	21 32	0 33	5 7	0 45	20 16	0 19	10 38	11 1	10 24	10 37	24 10	11 49	6 32			
W23	15 23	27 44	4 19	3 36	3 0	25 44	2 23	4 41	0 55	19 9	0 55	21 31	0 33	5 6	0 45	20 16	0 19	10 38	11 1	10 27	10 38	24 8	11 49	6 32			
T 24	15 40	26 8	3 40	4 7	2 59	25 49	2 25	4 59	0 55	19 8	0 55	21 30	0 33	5 6	0 45	20 16	0 19	10 38	11 1	10 29	10 39	24 6	11 49	6 31			
F 25	15 58	23 22	2 52	4 39	2 58	25 53	2 27	5 17	0 54	19 6	0 55	21 30	0 33	5 5	0 45	20 16	0 19	10 38	11 1	10 30	10 40	24 4	11 50	6 30			
S 26	16 15	19 38	1 57	5 13	2 55	25 56	2 28	5 35	0 54	19 5	0 55	21 29	0 33	5 4	0 45	20 16	0 19	10 37	11 1	10 30	10 41	24 2	11 50	6 29			
S 27	16 32	15 6	0 57	5 47	2 52	25 59	2 30	5 53	0 53	19 3	0 55	21 28	0 33	5 3	0 45	20 16	0 19	10 37	11 1	10 30	10 43	24 0	11 50	6 28			
M28	16 49	9 56	0n 7	6 23	2 49	26 1	2 31	6 10	0 53	19 2	0 55	21 28	0 33	5 2	0 45	20 16	0 19	10 37	11 1	10 30	10 44	23 58	11 50	6 28			
T 29	17 5	4 18	1 11	7 0	2 45	26 3	2 32	6 28	0 52	19 0	0 55	21 27	0 33	5 1	0 45	20 16	0 19	10 37	11 1	10 30	10 45	23 56	11 49	6 27			
W30	17n21	1n37	2n14	7n37	2s40	26n 4	2n34	6n46	0s52	18n58	0n55	21n26	0n33	5s 0	0s45	20s17	0n19	10s36	11n 1	10s31	10s46	23s54	11n49	6s26			

ASTRODIENST EPHEMERIS for the year 1505
geocentric

MAY 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	15 12 0	19 ⁸ 22'56	11 ^Y 53	27 ^Y 41	2 ⁵ 18	20 ^Y 1	8 ^Ω 58	26 ⁵ 42	19 ^Y 9	28 ^R 9	6 ^R 36	2 ^R 40	2 ^Y 1	26 ⁵ 26	9 ^Ω 8	T 1
F 2	15 15 57	20 ⁰ 20'42	25 ⁰ 15	29 ⁰ 18	3 ⁰ 24	20 ⁰ 46	9 ⁰ 5	26 ⁰ 47	19 ⁰ 11	28 ⁵ 9	6 ^Y 35	2 ^Y 33	1 ⁰ 58	26 ⁰ 33	9 ⁰ 11	F 2
S 3	15 19 53	21 ⁰ 18'26	9 ^Y 1	0 ^Y 56	4 ⁰ 30	21 ⁰ 31	9 ⁰ 11	26 ⁰ 51	19 ⁰ 13	28 ⁰ 8	6 ⁰ 33	2 ⁰ 23	1 ⁰ 55	26 ⁰ 40	9 ⁰ 15	S 3
S 4	15 23 50	22 ⁰ 16'10	23 ⁰ 8	2 ⁰ 37	5 ⁰ 36	22 ⁰ 16	9 ⁰ 18	26 ⁰ 56	19 ⁰ 15	28 ⁰ 8	6 ⁰ 32	2 ⁰ 12	1 ⁰ 51	26 ⁰ 46	9 ⁰ 18	S 4
M 5	15 27 46	23 ⁰ 13'52	7 ^Y 31	4 ⁰ 20	6 ⁰ 41	23 ⁰ 1	9 ⁰ 25	27 ⁰ 1	19 ⁰ 17	28 ⁰ 7	6 ⁰ 30	2 ⁰ 0	1 ⁰ 48	26 ⁰ 53	9 ⁰ 22	M 5
T 6	15 31 43	24 ⁰ 11'33	22 ⁰ 5	6 ⁰ 5	7 ⁰ 46	23 ⁰ 46	9 ⁰ 32	27 ⁰ 6	19 ⁰ 19	28 ⁰ 7	6 ⁰ 29	1 ⁰ 50	1 ⁰ 45	27 ⁰ 0	9 ⁰ 26	T 6
W 7	15 35 39	25 ⁰ 9'13	6 ^Y 41	7 ⁰ 52	8 ⁰ 51	24 ⁰ 31	9 ⁰ 39	27 ⁰ 10	19 ⁰ 21	28 ⁰ 6	6 ⁰ 27	1 ⁰ 42	1 ⁰ 42	27 ⁰ 7	9 ⁰ 30	W 7
T 8	15 39 36	26 ⁰ 6'51	21 ⁰ 14	9 ⁰ 42	9 ⁰ 56	25 ⁰ 16	9 ⁰ 46	27 ⁰ 15	19 ⁰ 23	28 ⁰ 6	6 ⁰ 26	1 ⁰ 36	1 ⁰ 39	27 ⁰ 13	9 ⁰ 34	T 8
F 9	15 43 32	27 ⁰ 4'28	5 ^Ω 38	11 ⁰ 33	11 ⁰ 1	26 ⁰ 1	9 ⁰ 54	27 ⁰ 20	19 ⁰ 24	28 ⁰ 5	6 ⁰ 24	1 ⁰ 33	1 ⁰ 36	27 ⁰ 20	9 ⁰ 38	F 9
S 10	15 47 29	28 ⁰ 2'03	19 ⁰ 50	13 ⁰ 27	12 ⁰ 5	26 ⁰ 45	10 ⁰ 1	27 ⁰ 26	19 ⁰ 26	28 ⁰ 5	6 ⁰ 22	1 ⁰ 32	1 ⁰ 32	27 ⁰ 27	9 ⁰ 42	S 10
S 11	15 51 26	28 ⁰ 59'36	3 ^Y 49	15 ⁰ 23	13 ⁰ 9	27 ⁰ 30	10 ⁰ 9	27 ⁰ 31	19 ⁰ 28	28 ⁰ 4	6 ⁰ 21	1 ⁰ 32	1 ⁰ 29	27 ⁰ 33	9 ⁰ 46	S 11
M12	15 55 22	29 ⁰ 57'08	17 ⁰ 36	17 ⁰ 20	14 ⁰ 13	28 ⁰ 15	10 ⁰ 16	27 ⁰ 36	19 ⁰ 29	28 ⁰ 4	6 ⁰ 19	1 ⁰ 31	1 ⁰ 26	27 ⁰ 40	9 ⁰ 51	M12
T 13	15 59 19	0 ^Y 54'39	1 ^Y 10	19 ⁰ 20	15 ⁰ 16	28 ⁰ 59	10 ⁰ 24	27 ⁰ 41	19 ⁰ 31	28 ⁰ 3	6 ⁰ 18	1 ⁰ 29	1 ⁰ 23	27 ⁰ 47	9 ⁰ 55	T 13
W14	16 3 15	1 ⁰ 52'08	14 ⁰ 32	21 ⁰ 22	16 ⁰ 20	29 ⁰ 44	10 ⁰ 32	27 ⁰ 47	19 ⁰ 33	28 ⁰ 2	6 ⁰ 16	1 ⁰ 25	1 ⁰ 20	27 ⁰ 53	9 ⁰ 59	W14
T 15	16 7 12	2 ⁰ 49'36	27 ⁰ 42	23 ⁰ 26	17 ⁰ 23	0 ^Y 28	10 ⁰ 40	27 ⁰ 52	19 ⁰ 34	28 ⁰ 1	6 ⁰ 14	1 ⁰ 18	1 ⁰ 16	28 ⁰ 0	10 ⁰ 4	T 15
F 16	16 11 8	3 ⁰ 47'03	10 ^Y 42	25 ⁰ 31	18 ⁰ 25	1 ⁰ 13	10 ⁰ 49	27 ⁰ 58	19 ⁰ 36	28 ⁰ 1	6 ⁰ 13	1 ⁰ 8	1 ⁰ 13	28 ⁰ 7	10 ⁰ 9	F 16
S 17	16 15 5	4 ⁰ 44'28	23 ⁰ 30	27 ⁰ 38	19 ⁰ 28	1 ⁰ 57	10 ⁰ 57	28 ⁰ 3	19 ⁰ 37	28 ⁰ 0	6 ⁰ 11	0 ⁰ 56	1 ⁰ 10	28 ⁰ 13	10 ⁰ 13	S 17
S 18	16 19 1	5 ⁰ 41'53	6 ^Y 5	29 ⁰ 46	20 ⁰ 30	2 ⁰ 41	11 ⁰ 5	28 ⁰ 9	19 ⁰ 38	27 ⁰ 59	6 ⁰ 9	0 ⁰ 43	1 ⁰ 7	28 ⁰ 20	10 ⁰ 18	S 18
M19	16 22 58	6 ⁰ 39'17	18 ⁰ 29	1 ^Y 56	21 ⁰ 32	3 ⁰ 25	11 ⁰ 14	28 ⁰ 15	19 ⁰ 40	27 ⁰ 58	6 ⁰ 8	0 ⁰ 30	1 ⁰ 4	28 ⁰ 27	10 ⁰ 23	M19
T 20	16 26 55	7 ⁰ 36'40	0 ^Y 42	4 ⁰ 6	22 ⁰ 33	4 ⁰ 9	11 ⁰ 23	28 ⁰ 20	19 ⁰ 41	27 ⁰ 57	6 ⁰ 6	0 ⁰ 18	1 ⁰ 1	28 ⁰ 33	10 ⁰ 28	T 20
W21	16 30 51	8 ⁰ 34'02	12 ⁰ 44	6 ⁰ 17	23 ⁰ 35	4 ⁰ 54	11 ⁰ 32	28 ⁰ 26	19 ⁰ 42	27 ⁰ 56	6 ⁰ 5	0 ⁰ 8	0 ⁰ 57	28 ⁰ 40	10 ⁰ 33	W21
T 22	16 34 48	9 ⁰ 31'23	24 ⁰ 38	8 ⁰ 29	24 ⁰ 36	5 ⁰ 38	11 ⁰ 40	28 ⁰ 32	19 ⁰ 43	27 ⁰ 56	6 ⁰ 3	0 ⁰ 1	0 ⁰ 54	28 ⁰ 47	10 ⁰ 38	T 22
F 23	16 38 44	10 ⁰ 28'44	6 ^Y 27	10 ⁰ 41	25 ⁰ 36	6 ⁰ 22	11 ⁰ 49	28 ⁰ 38	19 ⁰ 45	27 ⁰ 55	6 ⁰ 1	29 ^Y 57	0 ⁰ 51	28 ⁰ 53	10 ⁰ 44	F 23
S 24	16 42 41	11 ⁰ 26'04	18 ⁰ 16	12 ⁰ 53	26 ⁰ 36	7 ⁰ 6	11 ⁰ 59	28 ⁰ 44	19 ⁰ 46	27 ⁰ 54	6 ⁰ 0	29 ⁰ 55	0 ⁰ 48	29 ⁰ 0	10 ⁰ 49	S 24
S 25	16 46 37	12 ⁰ 23'24	0 ^Y 8	15 ⁰ 5	27 ⁰ 36	7 ⁰ 49	12 ⁰ 8	28 ⁰ 50	19 ⁰ 47	27 ⁰ 53	5 ⁰ 58	29 ⁰ D54	0 ⁰ 45	29 ⁰ 7	10 ⁰ 54	S 25
M26	16 50 34	13 ⁰ 20'43	12 ⁰ 8	17 ⁰ 16	28 ⁰ 36	8 ⁰ 33	12 ⁰ 17	28 ⁰ 56	19 ⁰ 48	27 ⁰ 52	5 ⁰ 57	29 ⁰ R54	0 ⁰ 42	29 ⁰ 13	11 ⁰ 0	M26
T 27	16 54 30	14 ⁰ 18'01	24 ⁰ 24	19 ⁰ 26	29 ⁰ 35	9 ⁰ 17	12 ⁰ 27	29 ⁰ 3	19 ⁰ 49	27 ⁰ 51	5 ⁰ 55	29 ⁰ 54	0 ⁰ 38	29 ⁰ 20	11 ⁰ 5	T 27
W28	16 58 27	15 ⁰ 15'19	6 ^Y 58	21 ⁰ 35	0 ^Y 33	10 ⁰ 1	12 ⁰ 36	29 ⁰ 9	19 ⁰ 50	27 ⁰ 50	5 ⁰ 53	29 ⁰ 52	0 ⁰ 35	29 ⁰ 27	11 ⁰ 11	W28
T 29	17 2 24	16 ⁰ 12'37	19 ⁰ 57	23 ⁰ 43	1 ⁰ 32	10 ⁰ 44	12 ⁰ 46	29 ⁰ 15	19 ⁰ 51	27 ⁰ 48	5 ⁰ 52	29 ⁰ 48	0 ⁰ 32	29 ⁰ 33	11 ⁰ 17	T 29
F 30	17 6 20	17 ⁰ 9'55	3 ^Y 23	25 ⁰ 50	2 ⁰ 30	11 ⁰ 28	12 ⁰ 55	29 ⁰ 22	19 ⁰ 51	27 ⁰ 47	5 ⁰ 50	29 ⁰ 42	0 ⁰ 29	29 ⁰ 40	11 ⁰ 22	F 30
S 31	17 10 17	18 ^Y 7'12	17 ^Y 17	27 ^Y 55	3 ^Ω 27	12 ^Y 12	13 ^Ω 5	29 ^Y 28	19 ^Y 52	27 ^Y 46	5 ^Y 49	29 ^Y 33	0 ^Y 26	29 ^Y 47	11 ^Ω 28	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17n37	7n39	3n11	8n16	2s35	26n 4	2n35	7n 3	0s52	18n57	0n55	21n25	0n33	5s 0	0s45	20s17	0n19	10s36	11n 1	10s33	10s47	23s52	11n49	6s25											
F 2	17 53	13 31	4 0	8 55	2 29	26 3	2 36	7 20	0 51	18 55	0 55	21 24	0 33	4 59	0 45	20 17	0 19	10 36	11 1	10 36	10 48	23 50	11 49	6 25											
S 3	18 8	18 54	4 36	9 36	2 23	26 2	2 36	7 38	0 51	18 53	0 55	21 23	0 33	4 58	0 45	20 17	0 19	10 35	11 2	10 39	10 49	23 48	11 49	6 24											
S 4	18 23	23 23	4 57	10 17	2 17	26 0	2 37	7 55	0 50	18 51	0 54	21 23	0 34	4 57	0 45	20 17	0 19	10 35	11 2	10 43	10 51	23 46	11 49	6 23											
M 5	18 38	26 33	4 59	10 58	2 9	25 58	2 38	8 12	0 50	18 49	0 54	21 22	0 34	4 57	0 45	20 17	0 19	10 35	11 2	10 47	10 52	23 44	11 49	6 22											
T 6	18 52	27 58	4 42	11 40	2 2	25 55	2 38	8 29	0 49	18 47	0 54	21 21	0 34	4 56	0 45	20 17	0 19	10 35	11 2	10 51	10 53	23 42	11 48	6 22											
W 7	19 6	27 27	4 7	12 23	1 54	25 51	2 39	8 46	0 49	18 45	0 54	21 20	0 34	4 55	0 45	20 17	0 19	10 34	11 2	10 54	10 54	23 40	11 48	6 21											
T 8	19 20	25 3	3 16	13 6	1 45	25 46	2 39	9 3	0 48	18 43	0 54	21 19	0 34	4 54	0 45	20 17	0 19	10 34	11 1	10 56	10 55	23 38	11 48	6 20											
F 9	19 34	21 3	2 12	13 49	1 36	25 41	2 39	9 20	0 48	18 41	0 54	21 18	0 34	4 54	0 45	20 17	0 19	10 34	11 1	10 57	10 56	23 36	11 47	6 19											
S 10	19 47	15 53	1 1	14 32	1 27	25 36	2 39	9 37	0 47	18 39	0 54	21 17	0 34	4 53	0 45	20 17	0 19	10 34	11 1	10 58	10 57	23 34	11 47	6 19											
S 11	19 59	9 57	0s12	15 16	1 17	25 30	2 39	9 53	0 47	18 37	0 54	21 16	0 34	4 53	0 45	20 18	0 19	10 34	11 1	10 58	10 59	23 32	11 47	6 18											
M12	20 12	3 38	1 24	15 59	1 7	25 23	2 39	10 10	0 46	18 35	0 54	21 15	0 34	4 52	0 45	20 18	0 19	10 33	11 1	10 58	11 0	23 30	11 46	6 17											
T 13	20 24	2s45	2 30	16 42	0 57	25 15	2 39	10 26	0 46	18 33	0 54	21 14	0 34	4 51	0 45	20 18	0 19	10 33	11 1	10 58	11 1	23 28	11 46	6 16											
W14	20 36	8 54	3 26	17 24	0 47	25 7	2 38	10 42	0 45	18 30	0 54	21 13	0 34	4 51	0 45	20 18	0 19	10 33	11 1	11 0	11 2	23 25	11 45	6 16											
T 15	20 47	14 35	4 11	18 6	0 36	24 59	2 38	10 58	0 45	18 28	0 54	21 12	0 34	4 50	0 45	20 18	0 19	10 33	11 1	11 3	11 3	23 23	11 45	6 15											
F 16	20 58	19 31	4 41	18 47	0 25	24 49	2 37	11 14	0 44	18 26	0 54	21 11	0 34	4 50	0 45	20 18	0 19	10 33	11 1	11 6	11 4	23 21	11 44	6 14											
S 17	21 9	23 30	4 58	19 27	0 15	24 40	2 36	11 30	0 44	18 23	0 54	21 10	0 34	4 49	0 45	20 18	0 19	10 32	11 1	11 10	11 5	23 19	11 44	6 14											
S 18	21 19	26 17	4 59	20 6	0 4	24 29	2 35	11 46	0 43	18 21	0 54	21 9	0 34	4 49	0 45	20 19	0 19	10 32	11 1	11 15	11 6	23 17	11 43	6 13											
M19	21 29	27 45	4 46	20 43	0n 7	24 19	2 34	12 2	0 42	18 19	0 53	21 8	0 34	4 48	0 46	20 19	0 19	10 32	11 1	11 20	11 8	23 15	11 42	6 12											
T 20	21 38	27 50	4 20	21 19	0 17	24 7	2 33	12 17	0 42	18 16	0 53	21 6	0 34	4 48	0 46	20 19	0 19	10 32	11 1	11 24	11 9	23 13	11 42	6 12											
W21	21 48	26 35	3 42	21 52	0 28	23 55	2 31	12 32	0 41	18 14	0 53	21 5	0 34	4 47	0 46	20 19	0 19	10 32	11 1	11 27	11 10	23 11	11 41	6 11											
T 22	21 56	24 8	2 55	22 24	0 38	23 43	2 30	12 48	0 41	18 11	0 53	21 4	0 34	4 47	0 46	20 19	0 19	10 32	11 1	11 30	11 11	23 9	11 40	6 10											
F 23	22 5	20 40	2 1	22 54	0 47	23 30	2 28	13 3	0 40	18 9	0 53	21 3	0 34	4 46	0 46	20 20	0 19	10 31	11 0	11 31	11 12	23 7	11 39	6 10											
S 24	22 13	16 22	1 1	23 21	0 57	23 17	2 26	13 18	0 40	18 6	0 53	21 2	0 34	4 46	0 46	20 20	0 19	10 31	11 0	11 32	11 13	23 4	11 39	6 9											
S 25	22 21	11 26	0n 1	23 45	1 5	23 3	2 24	13 33	0 39	18 3	0 53	21 1	0 34	4 46	0 46	20 20	0 19	10 31	11 0	11 32	11 14	23 2	11 38	6 8											
M26	22 28	6 2	1 5	24 7	1 14	22 49	2 22	13 47	0 38	18 1	0 53	20 59	0 34	4 45	0 46	20 20	0 19	10 31	11 0	11 32	11 16	23 0	11 37	6 8											
T 27	22 35	0 18	2 6	24 26	1 21	22 34	2 20	14 2	0 38	17 58	0 53	20 58	0 34	4 45	0 46	20 20	0 19	10 31	11 0	11 32	11 17	22 58	11 36	6 7											
W28	22 41	5n35	3 3	24 42	1 28	22 19	2 17	14 16	0 37	17 55	0 53	20 57	0 35	4 44	0 46	20 21	0 19	10 31	11 0	11 33	11 18	22 56	11 35	6 7											
T 29	22 47	11 25	3 53	24 56	1 34	22 3	2 14	14 30	0 37	17 52	0 53	20 56	0 35	4 44	0 46	20 21	0 19	10 31	11 0	11 34	11 19	22 54	11 34	6 6											
F 30	22 53	16 55	4 31	25 6	1 40	21 47	2 12	14 45	0 36	17 50	0 53	20 54	0 35	4 44	0 46	20 21	0 19	10 31	10 59	11 37	11 20	22 51	11 33	6 5											
S 31	22n58	21n45	4n56	25n14	1n45	21n31	2n 9	14n59	0s35	17n47	0n53	20n53	0n35	4s44	0s46	20s21	0n19	10s30	10n59	11s40	11s21	22s49	11n32	6s 5											

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JUNE 1505 JC

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17 14 13	19II 4'29	1II36	29II58	4II24	12II55	13II15	29II34	19II53	27°R45	5°R47	29°R23	0II22	29II53	11II34	S 1
M 2	17 18 10	20° 1'45	16°17	1II59	5°21	13°38	13°25	29°41	19°54	27II44	5II46	29II13	0°19	29°59	11°40	M 2
T 3	17 22 6	20°59'01	1II11	3°58	6°17	14°22	13°35	29°48	19°54	27°43	5°44	29° 4	0°16	0II7	11°46	T 3
W 4	17 26 3	21°56'17	16° 9	5°55	7°13	15° 5	13°45	29°54	19°55	27°41	5°42	28°56	0°13	0°13	11°52	W 4
T 5	17 30 0	22°53'31	1II4	7°50	8° 8	15°48	13°56	0II1	19°55	27°40	5°41	28°51	0°10	0°20	11°58	T 5
F 6	17 33 56	23°50'46	15°46	9°43	9° 2	16°31	14° 6	0° 8	19°56	27°39	5°39	28°49	0° 7	0°27	12° 4	F 6
S 7	17 37 53	24°47'59	0II12	11°34	9°56	17°14	14°16	0°14	19°56	27°38	5°38	28°D48	0° 3	0°33	12°11	S 7
S 8	17 41 49	25°45'12	14° 8	13°22	10°50	17°57	14°27	0°21	19°57	27°36	5°36	28°48	0° 0	0°40	12°17	S 8
M 9	17 45 46	26°42'24	28° 4	15° 9	11°43	18°40	14°37	0°28	19°57	27°35	5°35	28°R49	29II57	0°47	12°23	M 9
T 10	17 49 42	27°39'36	11II32	16°53	12°35	19°23	14°48	0°35	19°57	27°34	5°33	28°48	29°54	0°53	12°30	T 10
W11	17 53 39	28°36'47	24°42	18°34	13°27	20° 6	14°59	0°42	19°57	27°32	5°32	28°45	29°51	1° 0	12°36	W11
T 12	17 57 35	29°33'58	7II38	20°14	14°18	20°49	15°10	0°49	19°58	27°31	5°30	28°40	29°48	1° 7	12°43	T 12
F 13	18 1 32	0II31'08	20°20	21°51	15° 8	21°32	15°21	0°56	19°58	27°30	5°29	28°32	29°44	1°13	12°49	F 13
S 14	18 5 29	1°28'19	2II51	23°26	15°58	22°14	15°32	1° 3	19°58	27°28	5°28	28°23	29°41	1°20	12°56	S 14
S 15	18 9 25	2°25'29	15°11	24°59	16°47	22°57	15°43	1°10	19°58	27°27	5°26	28°13	29°38	1°27	13° 3	S 15
M16	18 13 22	3°22'38	27°21	26°30	17°35	23°39	15°54	1°17	19°58	27°25	5°25	28° 3	29°35	1°33	13° 9	M16
T 17	18 17 18	4°19'48	9II23	27°58	18°22	24°22	16° 5	1°24	19°58	27°24	5°24	27°54	29°32	1°40	13°16	T 17
W18	18 21 15	5°16'58	21°19	29°24	19° 9	25° 4	16°16	1°31	19°58	27°22	5°22	27°47	29°28	1°47	13°23	W18
T 19	18 25 11	6°14'08	3II9	0II47	19°54	25°46	16°27	1°39	19°58	27°21	5°21	27°41	29°25	1°53	13°30	T 19
F 20	18 29 8	7°11'18	14°57	2° 8	20°39	26°29	16°39	1°46	19°58	27°19	5°20	27°38	29°22	2° 0	13°37	F 20
S 21	18 33 4	8° 8'28	26°45	3°27	21°23	27°11	16°50	1°53	19°57	27°18	5°18	27°D37	29°19	2° 7	13°44	S 21
S 22	18 37 1	9° 5'38	8II37	4°43	22° 6	27°53	17° 2	2° 1	19°57	27°16	5°17	27°38	29°16	2°13	13°51	S 22
M23	18 40 58	10° 2'49	20°38	5°57	22°48	28°35	17°13	2° 8	19°57	27°15	5°16	27°39	29°13	2°20	13°58	M23
T 24	18 44 54	11° 0'01	2II53	7° 8	23°29	29°17	17°25	2°15	19°56	27°13	5°14	27°40	29° 9	2°26	14° 5	T 24
W25	18 48 51	11°57'12	15°26	8°16	24° 9	29°59	17°37	2°23	19°56	27°12	5°13	27°R41	29° 6	2°33	14°12	W25
T 26	18 52 47	12°54'25	28°22	9°22	24°48	0II41	17°48	2°30	19°55	27°10	5°12	27°39	29° 3	2°40	14°20	T 26
F 27	18 56 44	13°51'38	11II45	10°25	25°26	1°22	18° 0	2°38	19°55	27° 9	5°11	27°36	29° 0	2°46	14°27	F 27
S 28	19 0 40	14°48'51	25°36	11°25	26° 2	2° 4	18°12	2°45	19°54	27° 7	5°10	27°32	28°57	2°53	14°34	S 28
S 29	19 4 37	15°46'05	9II55	12°22	26°38	2°46	18°24	2°52	19°54	27° 5	5° 9	27°26	28°54	3° 0	14°42	S 29
M30	19 8 33	16°II43'20	24II39	13II15	27II12	3II27	18II36	3II0	19II53	27II4	5II7	27II20	28II50	3II6	14II49	M30

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	23n 3	25n28	5n 2	25n19	1n49	21n14	2n 5	15n12	0s35	17n44	0n53	20n52	0n35	4s43	0s46	20s21	0n19	10s30	10n59	11s43	11s22	22s47	11n31	6s 4	
M 2	23 8	27 35	4 49	25 22	1 52	20 57	2 2	15 26	0 34	17 41	0 53	20 50	0 35	4 43	0 46	20 22	0 19	10 30	10 59	11 47	11 23	22 45	11 30	6 4	
T 3	23 12	27 47	4 17	25 22	1 55	20 40	1 58	15 39	0 34	17 38	0 53	20 49	0 35	4 43	0 46	20 22	0 19	10 30	10 59	11 50	11 25	22 43	11 29	6 3	
W 4	23 16	25 56	3 26	25 19	1 57	20 22	1 55	15 53	0 33	17 35	0 53	20 48	0 35	4 43	0 46	20 22	0 19	10 30	10 58	11 53	11 26	22 41	11 28	6 2	
T 5	23 19	22 17	2 22	25 14	1 58	20 4	1 51	16 6	0 32	17 32	0 53	20 46	0 35	4 43	0 46	20 22	0 19	10 30	10 58	11 54	11 27	22 38	11 27	6 2	
F 6	23 22	17 15	1 9	25 7	1 59	19 46	1 47	16 19	0 32	17 29	0 53	20 45	0 35	4 42	0 46	20 23	0 19	10 30	10 58	11 55	11 28	22 36	11 26	6 1	
S 7	23 24	11 19	0s 7	24 58	1 59	19 27	1 43	16 32	0 31	17 26	0 53	20 44	0 35	4 42	0 46	20 23	0 19	10 30	10 58	11 55	11 29	22 34	11 25	6 1	
S 8	23 26	4 56	1 22	24 47	1 58	19 8	1 38	16 45	0 30	17 23	0 52	20 42	0 35	4 42	0 46	20 23	0 19	10 30	10 58	11 55	11 30	22 32	11 24	6 0	
M 9	23 28	1s31	2 30	24 34	1 56	18 49	1 33	16 57	0 30	17 20	0 52	20 41	0 35	4 42	0 46	20 23	0 19	10 30	10 57	11 55	11 31	22 30	11 22	6 0	
T 10	23 29	7 45	3 28	24 19	1 54	18 30	1 29	17 9	0 29	17 16	0 52	20 39	0 35	4 42	0 46	20 24	0 19	10 30	10 57	11 55	11 32	22 27	11 21	5 59	
W11	23 30	13 31	4 13	24 3	1 51	18 10	1 24	17 22	0 28	17 13	0 52	20 38	0 35	4 42	0 46	20 24	0 19	10 30	10 57	11 56	11 33	22 25	11 20	5 59	
T 12	23 30	18 35	4 45	23 45	1 47	17 50	1 18	17 34	0 28	17 10	0 52	20 36	0 35	4 42	0 46	20 24	0 19	10 30	10 57	11 58	11 35	22 23	11 19	5 58	
F 13	23 30	22 43	5 2	23 25	1 43	17 30	1 13	17 46	0 27	17 7	0 52	20 35	0 35	4 42	0 46	20 25	0 19	10 30	10 56	12 1	11 36	22 21	11 17	5 58	
S 14	23 30	25 45	5 4	23 5	1 38	17 10	1 7	17 57	0 26	17 3	0 52	20 33	0 35	4 42	0 46	20 25	0 19	10 30	10 56	12 4	11 37	22 18	11 16	5 57	
S 15	23 29	27 31	4 52	22 43	1 33	16 49	1 1	18 9	0 26	17 0	0 52	20 32	0 35	4 42	0 47	20 25	0 19	10 30	10 56	12 8	11 38	22 16	11 15	5 57	
M16	23 28	27 55	4 26	22 20	1 27	16 29	0 55	18 20	0 25	16 57	0 52	20 30	0 35	4 42	0 47	20 25	0 19	10 30	10 56	12 11	11 39	22 14	11 13	5 56	
T 17	23 26	26 59	3 49	21 56	1 20	16 8	0 49	18 31	0 24	16 53	0 52	20 29	0 36	4 42	0 47	20 26	0 19	10 30	10 55	12 14	11 40	22 12	11 12	5 56	
W18	23 24	24 49	3 3	21 32	1 13	15 48	0 42	18 42	0 24	16 50	0 52	20 27	0 36	4 42	0 47	20 26	0 19	10 30	10 55	12 17	11 41	22 9	11 10	5 55	
T 19	23 21	21 35	2 8	21 7	1 6	15 27	0 36	18 53	0 23	16 47	0 52	20 26	0 36	4 42	0 47	20 26	0 19	10 30	10 55	12 19	11 42	22 7	11 9	5 55	
F 20	23 19	17 29	1 8	20 41	0 58	15 6	0 29	19 4	0 22	16 43	0 52	20 24	0 36	4 42	0 47	20 27	0 19	10 30	10 55	12 20	11 44	22 5	11 7	5 54	
S 21	23 15	12 42	0 5	20 14	0 49	14 45	0 22	19 14	0 22	16 40	0 52	20 23	0 36	4 42	0 47	20 27	0 19	10 30	10 54	12 20	11 45	22 2	11 6	5 54	
S 22	23 12	7 27	0n59	19 47	0 40	14 24	0 14	19 24	0 21	16 36	0 52	20 21	0 36	4 42	0 47	20 27	0 19	10 30	10 54	12 20	11 46	22 0	11 4	5 53	
M23	23 7	1 52	2 1	19 20	0 31	14 3	0 6	19 34	0 20	16 33	0 52	20 19	0 36	4 43	0 47	20 28	0 19	10 31	10 54	12 19	11 47	21 58	11 3	5 53	
T 24	23 3	3n53	2 59	18 53	0 21	13 42	0s 1	19 44	0 19	16 29	0 52	20 18	0 36	4 43	0 47	20 28	0 19	10 31	10 53	12 19	11 48	21 56	11 1	5 53	
W25	22 58	9 37	3 50	18 25	0 11	13 21	0 10	19 54	0 19	16 25	0 52	20 16	0 36	4 43	0 47	20 28	0 19	10 31	10 53	12 19	11 49	21 53	10 59	5 52	
T 26	22 53	15 8	4 30	17 57	0s 0	13 1	0 18	20 3	0 18	16 22	0 52	20 15	0 36	4 43	0 47	20 28	0 19	10 31	10 53	12 19	11 50	21 51	10 58	5 52	
F 27	22 47	20 7	4 58	17 30	0 11	12 40	0 26	20 13	0 17	16 18	0 52	20 13	0 36	4 43	0 47	20 29	0 19	10 31	10 52	12 20	11 51	21 49	10 56	5 51	
S 28	22 41	24 13	5 10	17 2	0 23	12 19	0 35	20 22	0 17	16 14	0 52	20 11	0 36	4 44	0 47	20 29	0 19	10 31	10 52	12 22	11 52	21 46	10 54	5 51	
S 29	22 34	26 59	5 2	16 35	0 35	11 59	0 44	20 31	0 16	16 11	0 52	20 10	0 36	4 44	0 47	20 29	0 19	10 31	10 52	12 24	11 54	21 44	10 53	5 51	
M30	22n27	27n59	4n36	16n 8	0s47	11n38	0s54	20n39	0s15	16n 7	0n52	20n 8	0n36	4s44	0s47	20s30	0n19	10s31	10n51	12s26	11s55	21s42	10n51	5s50	

ASTRODIENST EPHEMERIS for the year 1505
geocentric

JULY 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 12 30	17°40'36	9°41	14°6	27°145	4°II 9	18°48	3°8	19°R52	27°R 2	5°R 6	27°R14	28°47	3°13	14°56	T 1
W 2	19 16 27	18°37'52	24°51	14°53	28°16	4°50	19° 0	3°15	19°52	27°1	5°5	27°10	28°44	3°20	15° 4	W 2
T 3	19 20 23	19°35'08	10°1	15°37	28°46	5°31	19°12	3°23	19°51	26°59	5° 4	27° 7	28°41	3°26	15°11	T 3
F 4	19 24 20	20°32'25	25° 0	16°17	29°15	6°13	19°24	3°30	19°50	26°57	5° 3	27°D 6	28°38	3°33	15°19	F 4
S 5	19 28 16	21°29'42	9°41	16°53	29°42	6°54	19°36	3°38	19°49	26°56	5° 2	27° 7	28°34	3°40	15°27	S 5
S 6	19 32 13	22°26'59	24° 0	17°25	0°7 7	7°35	19°49	3°46	19°48	26°54	5° 1	27° 8	28°31	3°46	15°34	S 6
M 7	19 36 9	23°24'16	7°55	17°53	0°31	8°16	20° 1	3°53	19°47	26°53	5° 0	27° 9	28°28	3°53	15°42	M 7
T 8	19 40 6	24°21'34	21°26	18°16	0°53	8°57	20°13	4° 1	19°46	26°51	4°59	27°R10	28°25	4° 0	15°49	T 8
W 9	19 44 2	25°18'52	4°34	18°36	1°13	9°38	20°26	4° 9	19°45	26°49	4°59	27°10	28°22	4° 6	15°57	W 9
T 10	19 47 59	26°16'11	17°23	18°50	1°32	10°19	20°38	4°16	19°44	26°48	4°58	27° 8	28°19	4°13	16° 5	T 10
F 11	19 51 56	27°13'30	29°56	19° 0	1°48	10°59	20°51	4°24	19°43	26°46	4°57	27° 5	28°15	4°20	16°13	F 11
S 12	19 55 52	28°10'50	12°15	19°R 4	2° 3	11°40	21° 3	4°32	19°42	26°44	4°56	27° 1	28°12	4°26	16°20	S 12
S 13	19 59 49	29° 8'11	24°23	19° 4	2°16	12°21	21°16	4°39	19°40	26°43	4°55	26°56	28° 9	4°33	16°28	S 13
M14	20 3 45	0°5'32	6°33	18°59	2°26	13° 1	21°28	4°47	19°39	26°41	4°55	26°52	28° 6	4°40	16°36	M14
T 15	20 7 42	1° 2'54	18°17	18°48	2°35	13°42	21°41	4°55	19°38	26°40	4°54	26°48	28° 3	4°46	16°44	T 15
W16	20 11 38	2° 0'16	0°8	18°32	2°41	14°22	21°53	5° 2	19°36	26°38	4°53	26°45	28° 0	4°53	16°52	W16
T 17	20 15 35	2°57'40	11°56	18°11	2°45	15° 2	22° 6	5°10	19°35	26°36	4°53	26°42	27°56	5° 0	17° 0	T 17
F 18	20 19 32	3°55'04	23°45	17°46	2°R47	15°43	22°19	5°18	19°34	26°35	4°52	26°D42	27°53	5° 6	17° 8	F 18
S 19	20 23 28	4°52'30	5°36	17°15	2°46	16°23	22°31	5°26	19°32	26°33	4°51	26°42	27°50	5°13	17°15	S 19
S 20	20 27 25	5°49'57	17°33	16°40	2°43	17° 3	22°44	5°33	19°31	26°31	4°51	26°43	27°47	5°20	17°23	S 20
M21	20 31 21	6°47'24	29°39	16° 2	2°38	17°43	22°57	5°41	19°29	26°30	4°50	26°44	27°44	5°26	17°31	M21
T 22	20 35 18	7°44'53	11°57	15°19	2°30	18°23	23°10	5°49	19°27	26°28	4°50	26°46	27°40	5°33	17°39	T 22
W23	20 39 14	8°42'24	24°32	14°34	2°20	19° 3	23°23	5°56	19°26	26°27	4°49	26°47	27°37	5°40	17°47	W23
T 24	20 43 11	9°39'56	7°26	13°47	2° 8	19°42	23°35	6° 4	19°24	26°25	4°49	26°R47	27°34	5°46	17°55	T 24
F 25	20 47 7	10°37'29	20°44	12°59	1°53	20°22	23°48	6°12	19°22	26°24	4°48	26°47	27°31	5°53	18° 3	F 25
S 26	20 51 4	11°35'04	4°27	12°10	1°36	21° 2	24° 1	6°20	19°21	26°22	4°48	26°46	27°28	6° 0	18°11	S 26
S 27	20 55 1	12°32'40	18°37	11°22	1°17	21°41	24°14	6°27	19°19	26°20	4°48	26°45	27°25	6° 6	18°19	S 27
M28	20 58 57	13°30'18	3°31	10°35	0°56	22°21	24°27	6°35	19°17	26°19	4°47	26°43	27°21	6°13	18°28	M28
T 29	21 2 54	14°27'57	18° 5	9°50	0°32	23° 0	24°40	6°43	19°15	26°17	4°47	26°42	27°18	6°20	18°36	T 29
W30	21 6 50	15°25'38	3°12	9° 9	0° 6	23°39	24°53	6°50	19°14	26°16	4°47	26°41	27°15	6°26	18°44	W30
T 31	21 10 47	16°23'20	18°12	8°32	29°139	24°18	25°16	6°58	19°12	26°14	4°46	26°40	27°12	6°33	18°52	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	22n20	26n58	3n49	15n42	0s59	11n18	1s 3	20n48	0s14	16n 3	0n52	20n 6	0n36	4s45	0s47	20s30
W 2	22 12	23 57	2 46	15 16	1 12	10 58	1 13	20 56	0 14	16 0	0 52	20 5	0 37	4 45	0 47	20 30
T 3	22 4	19 16	1 32	14 51	1 25	10 38	1 23	21 4	0 13	15 56	0 52	20 3	0 37	4 45	0 47	20 31
F 4	21 56	13 24	0 11	14 27	1 38	10 18	1 34	21 12	0 12	15 52	0 52	20 1	0 37	4 46	0 47	20 31
S 5	21 47	6 54	1s 8	14 3	1 51	9 59	1 44	21 20	0 11	15 48	0 52	19 59	0 37	4 46	0 47	20 31
S 6	21 38	0 13	2 22	13 41	2 5	9 40	1 55	21 28	0 11	15 44	0 52	19 58	0 37	4 46	0 47	20 32
M 7	21 28	6s17	3 25	13 19	2 18	9 21	2 6	21 35	0 10	15 40	0 52	19 56	0 37	4 47	0 47	20 32
T 8	21 18	12 18	4 14	12 59	2 32	9 3	2 17	21 42	0 9	15 36	0 52	19 54	0 37	4 47	0 47	20 32
W 9	21 8	17 36	4 49	12 41	2 45	8 45	2 29	21 49	0 8	15 32	0 52	19 52	0 37	4 48	0 47	20 33
T 10	20 57	22 0	5 8	12 24	2 58	8 28	2 41	21 56	0 7	15 28	0 52	19 51	0 37	4 48	0 47	20 33
F 11	20 46	25 16	5 12	12 8	3 11	8 10	2 53	22 3	0 7	15 24	0 52	19 49	0 37	4 49	0 47	20 33
S 12	20 35	27 19	5 2	11 55	3 24	7 54	3 5	22 9	0 6	15 20	0 52	19 47	0 37	4 49	0 47	20 34
S 13	20 23	28 1	4 38	11 43	3 36	7 38	3 17	22 15	0 5	15 16	0 52	19 45	0 37	4 50	0 47	20 34
M14	20 11	27 23	4 2	11 33	3 48	7 22	3 30	22 21	0 4	15 12	0 52	19 44	0 37	4 50	0 48	20 34
T 15	19 59	25 29	3 16	11 26	4 0	7 7	3 42	22 27	0 3	15 8	0 52	19 42	0 37	4 51	0 48	20 35
W16	19 46	22 29	2 21	11 21	4 10	6 53	3 55	22 33	0 3	15 4	0 52	19 40	0 38	4 51	0 48	20 35
T 17	19 33	18 33	1 20	11 18	4 20	6 40	4 8	22 38	0 2	15 0	0 52	19 38	0 38	4 52	0 48	20 35
F 18	19 20	13 54	0 16	11 17	4 28	6 27	4 21	22 43	0 1	14 56	0 52	19 36	0 38	4 52	0 48	20 36
S 19	19 6	8 43	0n49	11 19	4 36	6 15	4 35	22 48	0 0	14 52	0 52	19 35	0 38	4 53	0 48	20 36
S 20	18 52	3 12	1 53	11 24	4 42	6 3	4 48	22 53	0n 1	14 48	0 52	19 33	0 38	4 54	0 48	20 36
M21	18 38	2n29	2 52	11 31	4 47	5 53	5 1	22 58	0 1	14 44	0 52	19 31	0 38	4 54	0 48	20 36
T 22	18 23	8 11	3 45	11 40	4 50	5 43	5 14	23 2	0 2	14 39	0 52	19 29	0 38	4 55	0 48	20 37
W23	18 8	13 41	4 28	11 52	4 51	5 34	5 28	23 6	0 3	14 35	0 52	19 27	0 38	4 56	0 48	20 37
T 24	17 53	18 44	4 59	12 5	4 51	5 26	5 41	23 10	0 4	14 31	0 52	19 25	0 38	4 56	0 48	20 37
F 25	17 37	23 2	5 15	12 21	4 48	5 19	5 54	23 14	0 5	14 27	0 52	19 24	0 38	4 57	0 48	20 38
S 26	17 21	26 14	5 14	12 38	4 44	5 13	6 6	23 18	0 6	14 22	0 52	19 22	0 38	4 58	0 48	20 38
S 27	17 5	27 54	4 54	12 57	4 38	5 8	6 19	23 21	0 6	14 18	0 52	19 20	0 38	4 58	0 48	20 38
M28	16 49	27 43	4 15	13 17	4 31	5 4	6 31	23 24	0 7	14 14	0 52	19 18	0 39	4 59	0 48	20 39
T 29	16 32	25 33	3 18	13 38	4 21	5 1	6 43	23 27	0 8	14 10	0 52	19 16	0 39	5 0	0 48	20 39
W30	16 15	21 33	2 7	14 0	4 10	4 59	6 55	23 30	0 9	14 5	0 52	19 14	0 39	5 1	0 48	20 39
T 31	15n58	16n 5	0n46	14n21	3s57	4n59	7s 6	23n33	0n10	14n 1	0n53	19n13	0n39	5s 1	0s48	20s40

Julian Day Number = 2270940.5, Delta T = 279.65 sec

Ecliptic obliquity = 23°30'20, Nutation = 0°00'09, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°50'26, Lahiri = 16°57'27 Julian Calendar 1 July 1505 == Greg. Calendar 11 July 1505

ASTRODIENST EPHEMERIS for the year 1505
geocentric

AUGUST 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21 14 43	17♏21'03	3♐28	8°R 0	29°R10	24♐58	25♏19	7♏ 6	19°R10	26°R13	4°R46	26°D40	27♏ 9	6♏39	19♏ 0	F 1
S 2	21 18 40	18°18'48	18°20	7♏33	28♏38	25°37	25°32	7°13	19°R 8	26♏11	4°R46	26°R41	27° 5	6°46	19° 8	S 2
S 3	21 22 36	19°16'33	2♏50	7°13	28° 6	26°16	25°45	7°21	19° 6	26°10	4°46	26°41	27° 2	6°53	19°16	S 3
M 4	21 26 33	20°14'20	16°55	7° 0	27°32	26°54	25°58	7°29	19° 4	26° 8	4°46	26°42	26°59	6°59	19°24	M 4
T 5	21 30 30	21°12'08	0♐34	6°D54	26°57	27°33	26°11	7°36	19° 2	26° 7	4°46	26°42	26°56	7° 6	19°32	T 5
W 6	21 34 26	22° 9'58	13°47	6°55	26°21	28°12	26°24	7°44	19° 0	26° 6	4°46	26°43	26°53	7°13	19°40	W 6
T 7	21 38 23	23° 7'48	26°37	7° 4	25°45	28°50	26°37	7°51	18°58	26° 4	4°D46	26°R43	26°50	7°19	19°48	T 7
F 8	21 42 19	24° 5'40	9♏ 7	7°21	25° 8	29°29	26°50	7°59	18°56	26° 3	4°46	26°42	26°46	7°26	19°56	F 8
S 9	21 46 16	25° 3'33	21°21	7°46	24°31	0♏ 7	27° 3	8° 6	18°53	26° 1	4°46	26°42	26°43	7°33	20° 5	S 9
S 10	21 50 12	26° 1'27	3♏23	8°19	23°53	0°46	27°16	8°14	18°51	26° 0	4°46	26°42	26°40	7°39	20°13	S 10
M 11	21 54 9	26°59'23	15°17	8°59	23°16	1°24	27°29	8°21	18°49	25°59	4°46	26°D42	26°37	7°46	20°21	M 11
T 12	21 58 5	27°57'20	27° 7	9°47	22°40	2° 2	27°42	8°29	18°47	25°57	4°46	26°42	26°34	7°53	20°29	T 12
W 13	22 2 2	28°55'19	8♏55	10°42	22° 4	2°40	27°55	8°36	18°45	25°56	4°46	26°42	26°31	7°59	20°37	W 13
T 14	22 5 59	29°53'19	20°45	11°45	21°30	3°18	28° 8	8°44	18°42	25°55	4°47	26°R43	26°27	8° 6	20°45	T 14
F 15	22 9 55	0♐51'20	2♐38	12°54	20°56	3°56	28°21	8°51	18°40	25°53	4°47	26°43	26°24	8°13	20°53	F 15
S 16	22 13 52	1°49'24	14°37	14° 9	20°24	4°34	28°34	8°58	18°38	25°52	4°47	26°42	26°21	8°19	21° 1	S 16
S 17	22 17 48	2°47'29	26°44	15°30	19°53	5°11	28°47	9° 6	18°36	25°51	4°48	26°42	26°18	8°26	21° 9	S 17
M 18	22 21 45	3°45'36	9♏ 1	16°57	19°25	5°49	29° 0	9°13	18°33	25°50	4°48	26°41	26°15	8°33	21°17	M 18
T 19	22 25 41	4°43'44	21°30	18°28	18°58	6°26	29°13	9°20	18°31	25°49	4°48	26°40	26°11	8°39	21°25	T 19
W 20	22 29 38	5°41'55	4♏13	20° 3	18°33	7° 4	29°26	9°27	18°29	25°47	4°49	26°39	26° 8	8°46	21°33	W 20
T 21	22 33 34	6°40'08	17°12	21°43	18°10	7°41	29°39	9°35	18°26	25°46	4°49	26°38	26° 5	8°53	21°41	T 21
F 22	22 37 31	7°38'23	0♐29	23°26	17°49	8°18	29°52	9°42	18°24	25°45	4°50	26°37	26° 2	8°59	21°49	F 22
S 23	22 41 27	8°36'40	14° 7	25°11	17°31	8°56	0♐ 5	9°49	18°22	25°44	4°50	26°D37	25°59	9° 6	21°57	S 23
S 24	22 45 24	9°34'59	28° 4	26°59	17°15	9°33	0°18	9°56	18°19	25°43	4°51	26°38	25°56	9°13	22° 5	S 24
M 25	22 49 21	10°33'20	12♏22	28°48	17° 2	10° 9	0°31	10° 3	18°17	25°42	4°51	26°39	25°52	9°19	22°13	M 25
T 26	22 53 17	11°31'43	26°59	0♐40	16°51	10°46	0°44	10°10	18°15	25°41	4°52	26°40	25°49	9°26	22°20	T 26
W 27	22 57 14	12°30'09	11♏48	2°32	16°42	11°23	0°57	10°17	18°12	25°40	4°53	26°41	25°46	9°32	22°28	W 27
T 28	23 1 10	13°28'36	26°45	4°25	16°36	12° 0	1°10	10°24	18°10	25°39	4°53	26°R41	25°43	9°39	22°36	T 28
F 29	23 5 7	14°27'06	11♐42	6°18	16°32	12°36	1°23	10°31	18° 7	25°38	4°54	26°41	25°40	9°46	22°44	F 29
S 30	23 9 3	15°25'37	26°31	8°11	16°D30	13°13	1°36	10°38	18° 5	25°37	4°55	26°39	25°37	9°52	22°52	S 30
S 31	23 13 0	16♐24'10	11♏ 3	10♐ 5	16♏31	13♏49	1♐49	10♏44	18°R 3	25♏36	4°R56	26°R37	25°R33	9°R59	22♏59	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
F 1	15n41	9n40	0s38	14n43	3s44	4n59	7s16	23n35	0n11	13n57	0n53	19n11	0n39	5s 2	0s48	20s40	0n18	10s40	10n39	12s40	12s30	20s24	9n45	5s42	
S 2	15 23	2 50	1 57	15 4	3 28	5 0	7 26	23 37	0 11	13 52	0 53	19 9	0 39	5 3	0 48	20 40	0 18	10 41	10 38	12 39	12 31	20 22	9 42	5 42	
S 3	15 5	4s 0	3 8	15 25	3 12	5 2	7 35	23 40	0 12	13 48	0 53	19 7	0 39	5 4	0 48	20 40	0 18	10 41	10 38	12 39	12 32	20 19	9 40	5 42	
M 4	14 47	10 25	4 4	15 44	2 56	5 5	7 44	23 41	0 13	13 44	0 53	19 5	0 39	5 5	0 48	20 41	0 18	10 41	10 37	12 39	12 33	20 17	9 38	5 42	
T 5	14 28	16 9	4 45	16 3	2 38	5 10	7 52	23 43	0 14	13 39	0 53	19 3	0 39	5 5	0 48	20 41	0 18	10 42	10 37	12 39	12 34	20 14	9 35	5 42	
W 6	14 10	20 56	5 10	16 20	2 21	5 15	7 59	23 45	0 15	13 35	0 53	19 1	0 39	5 6	0 48	20 41	0 18	10 42	10 37	12 39	12 35	20 12	9 33	5 42	
T 7	13 51	24 36	5 18	16 35	2 3	5 21	8 6	23 46	0 16	13 30	0 53	19 0	0 40	5 7	0 48	20 42	0 18	10 43	10 36	12 39	12 36	20 9	9 30	5 42	
F 8	13 32	26 59	5 10	16 48	1 45	5 28	8 11	23 47	0 17	13 26	0 53	18 58	0 40	5 8	0 48	20 42	0 18	10 43	10 36	12 39	12 37	20 7	9 28	5 42	
S 9	13 12	28 2	4 49	16 59	1 27	5 35	8 16	23 48	0 18	13 21	0 53	18 56	0 40	5 9	0 48	20 42	0 18	10 44	10 35	12 39	12 38	20 4	9 25	5 42	
S 10	12 53	27 43	4 15	17 7	1 10	5 44	8 19	23 49	0 19	13 17	0 53	18 54	0 40	5 10	0 48	20 42	0 18	10 44	10 35	12 39	12 40	20 2	9 23	5 41	
M11	12 33	26 7	3 30	17 13	0 53	5 53	8 22	23 49	0 19	13 13	0 53	18 52	0 40	5 10	0 48	20 43	0 18	10 45	10 34	12 39	12 41	19 59	9 21	5 41	
T 12	12 13	23 22	2 37	17 16	0 36	6 3	8 24	23 50	0 20	13 8	0 53	18 50	0 40	5 11	0 48	20 43	0 18	10 45	10 34	12 39	12 42	19 57	9 18	5 41	
W13	11 53	19 38	1 37	17 17	0 20	6 13	8 25	23 50	0 21	13 4	0 53	18 48	0 40	5 12	0 48	20 43	0 18	10 45	10 34	12 39	12 43	19 54	9 16	5 41	
T 14	11 33	15 8	0 33	17 14	0 5	6 24	8 25	23 50	0 22	12 59	0 53	18 47	0 40	5 13	0 48	20 43	0 18	10 46	10 33	12 39	12 44	19 52	9 13	5 41	
F 15	11 12	10 3	0n33	17 9	0n10	6 35	8 24	23 50	0 23	12 55	0 53	18 45	0 40	5 14	0 48	20 44	0 18	10 46	10 33	12 39	12 45	19 49	9 11	5 41	
S 16	10 51	4 34	1 38	17 0	0 23	6 46	8 23	23 50	0 24	12 50	0 53	18 43	0 40	5 15	0 48	20 44	0 18	10 47	10 32	12 39	12 46	19 47	9 8	5 41	
S 17	10 30	1n 8	2 39	16 48	0 36	6 58	8 20	23 49	0 25	12 46	0 53	18 41	0 41	5 16	0 48	20 44	0 18	10 47	10 32	12 39	12 47	19 44	9 6	5 41	
M18	10 9	6 52	3 34	16 33	0 47	7 10	8 17	23 49	0 26	12 41	0 53	18 39	0 41	5 17	0 48	20 44	0 18	10 48	10 31	12 39	12 48	19 41	9 3	5 41	
T 19	9 48	12 25	4 19	16 15	0 58	7 22	8 13	23 48	0 27	12 37	0 54	18 37	0 41	5 18	0 48	20 45	0 18	10 48	10 31	12 40	12 49	19 39	9 1	5 41	
W20	9 27	17 33	4 53	15 54	1 7	7 34	8 8	23 47	0 28	12 32	0 54	18 36	0 41	5 19	0 48	20 45	0 18	10 49	10 30	12 40	12 50	19 36	8 58	5 41	
T 21	9 5	22 0	5 13	15 30	1 16	7 46	8 3	23 46	0 29	12 28	0 54	18 34	0 41	5 19	0 48	20 45	0 18	10 49	10 30	12 40	12 51	19 34	8 56	5 41	
F 22	8 44	25 28	5 16	15 4	1 23	7 57	7 57	23 44	0 30	12 23	0 54	18 32	0 41	5 20	0 48	20 45	0 18	10 50	10 30	12 40	12 53	19 31	8 53	5 41	
S 23	8 22	27 34	5 2	14 34	1 30	8 9	7 50	23 43	0 31	12 19	0 54	18 30	0 41	5 21	0 48	20 46	0 18	10 50	10 29	12 40	12 54	19 29	8 50	5 41	
S 24	8 0	28 0	4 31	14 3	1 35	8 20	7 43	23 41	0 32	12 14	0 54	18 28	0 41	5 22	0 48	20 46	0 18	10 51	10 29	12 40	12 55	19 26	8 48	5 42	
M25	7 38	26 36	3 42	13 29	1 40	8 32	7 36	23 39	0 33	12 10	0 54	18 27	0 42	5 23	0 48	20 46	0 18	10 52	10 28	12 40	12 56	19 23	8 45	5 42	
T 26	7 16	23 23	2 37	12 53	1 43	8 43	7 28	23 37	0 33	12 5	0 54	18 25	0 42	5 24	0 48	20 46	0 18	10 52	10 28	12 40	12 57	19 21	8 43	5 42	
W27	6 53	18 36	1 21	12 15	1 46	8 53	7 19	23 35	0 34	12 1	0 54	18 23	0 42	5 25	0 48	20 46	0 18	10 53	10 27	12 39	12 58	19 18	8 40	5 42	
T 28	6 31	12 37	0s 0	11 35	1 48	9 3	7 11	23 33	0 35	11 56	0 54	18 21	0 42	5 26	0 48	20 47	0 18	10 53	10 27	12 39	12 59	19 15	8 38	5 42	
F 29	6 8	5 56	1 22	10 55	1 49	9 13	7 2	23 31	0 36	11 51	0 54	18 19	0 42	5 27	0 48	20 47	0 18	10 54	10 26	12 39	13 0	19 13	8 35	5 42	
S 30	5 46	1s 1	2 37	10 12	1 49	9 22	6 52	23 28	0 37	11 47	0 54	18 18	0 42	5 28	0 48	20 47	0 18	10 54	10 26	12 40	13 1	19 10	8 32	5 42	
S 31	5n23	7s46	3s41	9n29	1n49	9n31	6s43	23n25	0n38	11n42	0n55	18n16	0n42	5s29	0s48	20s47	0n18	10s55	10n26	12s41	13s 2	19s 8	8n30	5s42	

ASTRODIENST EPHEMERIS for the year 1505

geocentric

SEPTEMBER 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	23 16 56	17 ¹⁷ 22'45	25 ¹¹ 13	11 ¹⁷ 58	16 ¹⁶ 34	14 ¹⁴ 25	2 ² 11	10 ¹⁰ 51	18 ¹⁸ 0	25 ²⁵ R35	4 ⁴ 56	26 ²⁶ R34	25 ²⁵ 30	10 ¹⁰ 36	23 ²³ 12	M 1
T 2	23 20 53	18 ¹⁸ 21'22	8 ⁸ 11	13 ¹³ 51	16 ¹⁶ 40	15 ¹⁵ 1	2 ² 14	10 ¹⁰ 58	17 ¹⁷ 58	25 ²⁵ 35	4 ⁴ 57	26 ²⁶ 31	25 ²⁵ 27	10 ¹⁰ 12	23 ²³ 15	T 2
W 3	23 24 50	19 ¹⁹ 20'00	22 ²² 17	15 ¹⁵ 43	16 ¹⁶ 48	15 ¹⁵ 37	2 ² 27	11 ¹¹ 5	17 ¹⁷ 55	25 ²⁵ 34	4 ⁴ 58	26 ²⁶ 29	25 ²⁵ 24	10 ¹⁰ 19	23 ²³ 23	W 3
T 4	23 28 46	20 ²⁰ 18'40	5 ⁵ 11	17 ¹⁷ 34	16 ¹⁶ 57	16 ¹⁶ 13	2 ² 40	11 ¹¹ 11	17 ¹⁷ 53	25 ²⁵ 33	4 ⁴ 59	26 ²⁶ 27	25 ²⁵ 21	10 ¹⁰ 26	23 ²³ 30	T 4
F 5	23 32 43	21 ²¹ 17'22	17 ¹⁷ 43	19 ¹⁹ 25	17 ¹⁷ 9	16 ¹⁶ 49	2 ² 53	11 ¹¹ 18	17 ¹⁷ 51	25 ²⁵ 32	5 ⁵ 0	26 ²⁶ D26	25 ²⁵ 17	10 ¹⁰ 32	23 ²³ 38	F 5
S 6	23 36 39	22 ²² 16'06	29 ²⁹ 57	21 ²¹ 15	17 ¹⁷ 23	17 ¹⁷ 24	3 ³ 5	11 ¹¹ 24	17 ¹⁷ 48	25 ²⁵ 32	5 ⁵ 1	26 ²⁶ 26	25 ²⁵ 14	10 ¹⁰ 39	23 ²³ 45	S 6
S 7	23 40 36	23 ²³ 14'52	11 ¹¹ 35	23 ²³ 5	17 ¹⁷ 39	18 ¹⁸ 0	3 ³ 18	11 ¹¹ 31	17 ¹⁷ 46	25 ²⁵ 31	5 ⁵ 2	26 ²⁶ 27	25 ²⁵ 11	10 ¹⁰ 46	23 ²³ 53	S 7
M 8	23 44 32	24 ²⁴ 13'39	23 ²³ 49	24 ²⁴ 53	17 ¹⁷ 57	18 ¹⁸ 35	3 ³ 31	11 ¹¹ 37	17 ¹⁷ 43	25 ²⁵ 30	5 ⁵ 3	26 ²⁶ 29	25 ²⁵ 8	10 ¹⁰ 52	24 ²⁴ 0	M 8
T 9	23 48 29	25 ²⁵ 12'28	5 ⁵ 37	26 ²⁶ 41	18 ¹⁸ 17	19 ¹⁹ 10	3 ³ 43	11 ¹¹ 43	17 ¹⁷ 41	25 ²⁵ 30	5 ⁵ 4	26 ²⁶ 31	25 ²⁵ 5	10 ¹⁰ 59	24 ²⁴ 8	T 9
W10	23 52 25	26 ²⁶ 11'18	17 ¹⁷ 26	28 ²⁸ 27	18 ¹⁸ 39	19 ¹⁹ 45	3 ³ 56	11 ¹¹ 50	17 ¹⁷ 39	25 ²⁵ 29	5 ⁵ 5	26 ²⁶ 32	25 ²⁵ 2	11 ¹¹ 6	24 ²⁴ 15	W10
T 11	23 56 22	27 ²⁷ 10'11	29 ²⁹ 19	0 ⁰ 13	19 ¹⁹ 3	20 ²⁰ 20	4 ⁴ 8	11 ¹¹ 56	17 ¹⁷ 36	25 ²⁵ 28	5 ⁵ 6	26 ²⁶ R32	24 ²⁴ 58	11 ¹¹ 12	24 ²⁴ 23	T 11
F 12	0 0 19	28 ²⁸ 9'05	11 ¹¹ 19	1 ¹ 58	19 ¹⁹ 28	20 ²⁰ 55	4 ⁴ 21	12 ¹² 2	17 ¹⁷ 34	25 ²⁵ 28	5 ⁵ 7	26 ²⁶ 31	24 ²⁴ 55	11 ¹¹ 19	24 ²⁴ 30	F 12
S 13	0 4 15	29 ²⁹ 8'02	23 ²³ 30	3 ³ 42	19 ¹⁹ 55	21 ²¹ 30	4 ⁴ 33	12 ¹² 8	17 ¹⁷ 31	25 ²⁵ 27	5 ⁵ 9	26 ²⁶ 29	24 ²⁴ 52	11 ¹¹ 25	24 ²⁴ 37	S 13
S 14	0 8 12	0 ⁰ 17'00	5 ⁵ 51	5 ⁵ 25	20 ²⁰ 23	22 ²² 5	4 ⁴ 45	12 ¹² 14	17 ¹⁷ 29	25 ²⁵ 27	5 ⁵ 10	26 ²⁶ 24	24 ²⁴ 49	11 ¹¹ 32	24 ²⁴ 44	S 14
M15	0 12 8	1 ¹ 6'00	18 ¹⁸ 25	7 ⁷ 7	20 ²⁰ 54	22 ²² 39	4 ⁴ 58	12 ¹² 20	17 ¹⁷ 27	25 ²⁵ 26	5 ⁵ 11	26 ²⁶ 19	24 ²⁴ 46	11 ¹¹ 39	24 ²⁴ 52	M15
T 16	0 16 5	2 ² 5'03	1 ¹ 13	8 ⁸ 48	21 ²¹ 25	23 ²³ 13	5 ⁵ 10	12 ¹² 26	17 ¹⁷ 24	25 ²⁵ 26	5 ⁵ 12	26 ²⁶ 13	24 ²⁴ 43	11 ¹¹ 45	24 ²⁴ 59	T 16
W17	0 20 1	3 ³ 4'08	14 ¹⁴ 13	10 ¹⁰ 28	21 ²¹ 58	23 ²³ 48	5 ⁵ 22	12 ¹² 32	17 ¹⁷ 22	25 ²⁵ 26	5 ⁵ 14	26 ²⁶ 7	24 ²⁴ 39	11 ¹¹ 52	25 ²⁵ 6	W17
T 18	0 23 58	4 ⁴ 3'15	27 ²⁷ 26	12 ¹² 8	22 ²² 33	24 ²⁴ 22	5 ⁵ 35	12 ¹² 38	17 ¹⁷ 20	25 ²⁵ 25	5 ⁵ 15	26 ²⁶ 1	24 ²⁴ 36	11 ¹¹ 59	25 ²⁵ 13	T 18
F 19	0 27 54	5 ⁵ 2'25	10 ¹⁰ 11	13 ¹³ 47	23 ²³ 9	24 ²⁴ 56	5 ⁵ 47	12 ¹² 44	17 ¹⁷ 18	25 ²⁵ 25	5 ⁵ 16	25 ²⁵ 57	24 ²⁴ 33	12 ¹² 5	25 ²⁵ 20	F 19
S 20	0 31 51	6 ⁶ 1'37	24 ²⁴ 32	15 ¹⁵ 25	23 ²³ 46	25 ²⁵ 30	5 ⁵ 59	12 ¹² 49	17 ¹⁷ 15	25 ²⁵ 25	5 ⁵ 18	25 ²⁵ 55	24 ²⁴ 30	12 ¹² 12	25 ²⁵ 27	S 20
S 21	0 35 48	7 ⁷ 0'51	8 ⁸ 24	17 ¹⁷ 2	24 ²⁴ 24	26 ²⁶ 3	6 ⁶ 11	12 ¹² 55	17 ¹⁷ 13	25 ²⁵ 24	5 ⁵ 19	25 ²⁵ D54	24 ²⁴ 27	12 ¹² 19	25 ²⁵ 34	S 21
M22	0 39 44	8 ⁸ 0'07	22 ²² 29	18 ¹⁸ 38	25 ²⁵ 4	26 ²⁶ 37	6 ⁶ 23	13 ¹³ 0	17 ¹⁷ 11	25 ²⁵ 24	5 ⁵ 21	25 ²⁵ 55	24 ²⁴ 23	12 ¹² 25	25 ²⁵ 41	M22
T 23	0 43 41	8 ⁸ 59'26	6 ⁶ 14	20 ²⁰ 14	25 ²⁵ 45	27 ²⁷ 10	6 ⁶ 35	13 ¹³ 6	17 ¹⁷ 9	25 ²⁵ 24	5 ⁵ 22	25 ²⁵ 56	24 ²⁴ 20	12 ¹² 32	25 ²⁵ 48	T 23
W24	0 47 37	9 ⁹ 58'48	21 ²¹ 12	21 ²¹ 49	26 ²⁶ 26	27 ²⁷ 44	6 ⁶ 47	13 ¹³ 11	17 ¹⁷ 7	25 ²⁵ 24	5 ⁵ 24	25 ²⁵ R57	24 ²⁴ 17	12 ¹² 39	25 ²⁵ 54	W24
T 25	0 51 34	10 ¹⁰ 58'11	5 ⁵ 11	23 ²³ 23	27 ²⁷ 9	28 ²⁸ 17	6 ⁶ 59	13 ¹³ 16	17 ¹⁷ 4	25 ²⁵ 24	5 ⁵ 25	25 ²⁵ 57	24 ²⁴ 14	12 ¹² 45	26 ²⁶ 1	T 25
F 26	0 55 30	11 ¹¹ 57'37	20 ²⁰ 20	24 ²⁴ 57	27 ²⁷ 53	28 ²⁸ 50	7 ⁷ 11	13 ¹³ 22	17 ¹⁷ 2	25 ²⁵ 24	5 ⁵ 27	25 ²⁵ 55	24 ²⁴ 11	12 ¹² 52	26 ²⁶ 8	F 26
S 27	0 59 27	12 ¹² 57'05	4 ⁴ 51	26 ²⁶ 29	28 ²⁸ 38	29 ²⁹ 22	7 ⁷ 22	13 ¹³ 27	17 ¹⁷ 0	25 ²⁵ 24	5 ⁵ 28	25 ²⁵ 50	24 ²⁴ 8	12 ¹² 59	26 ²⁶ 14	S 27
S 28	1 3 23	13 ¹³ 56'35	19 ¹⁹ 11	28 ²⁸ 1	29 ²⁹ 24	29 ²⁹ 55	7 ⁷ 34	13 ¹³ 32	16 ¹⁶ 58	25 ²⁵ D24	5 ⁵ 30	25 ²⁵ 44	24 ²⁴ 4	13 ¹³ 5	26 ²⁶ 21	S 28
M29	1 7 20	14 ¹⁴ 56'07	3 ³ 15	29 ²⁹ 33	0 ⁰ 11	0 ⁰ 128	7 ⁷ 46	13 ¹³ 37	16 ¹⁶ 56	25 ²⁵ 24	5 ⁵ 31	25 ²⁵ 36	24 ²⁴ 1	13 ¹³ 12	26 ²⁶ 27	M29
T 30	1 11 17	15 ¹⁵ 55'41	16 ¹⁶ 58	1 ¹ 11	0 ⁰ 59	1 ¹ 12	7 ⁷ 57	13 ¹³ 42	16 ¹⁶ 54	25 ²⁵ 24	5 ⁵ 33	25 ²⁵ 37	23 ²³ 58	13 ¹³ 19	26 ²⁶ 34	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
M 1	5n 0	13s58	4s29	8n45	1n47	9n39	6s33	23n23	0n39	11n38	0n55	18n14	0n42	5s30	0s48	20s47
T 2	4 37	19 16	5 0	8 0	1 46	9 47	6 23	23 20	0 40	11 33	0 55	18 13	0 43	5 31	0 48	20 48
W 3	4 14	23 27	5 14	7 14	1 43	9 55	6 13	23 16	0 41	11 29	0 55	18 11	0 43	5 32	0 48	20 48
T 4	3 51	26 20	5 11	6 28	1 41	10 2	6 3	23 13	0 42	11 24	0 55	18 9	0 43	5 33	0 48	20 48
F 5	3 28	27 49	4 54	5 42	1 37	10 8	5 53	23 10	0 43	11 20	0 55	18 7	0 43	5 34	0 48	20 48
S 6	3 5	27 53	4 23	4 55	1 34	10 13	5 42	23 6	0 44	11 15	0 55	18 6	0 43	5 34	0 48	20 48
S 7	2 41	26 38	3 41	4 8	1 30	10 19	5 32	23 3	0 45	11 11	0 55	18 4	0 43	5 35	0 48	20 48
M 8	2 18	24 12	2 50	3 20	1 25	10 23	5 22	22 59	0 47	11 6	0 55	18 2	0 43	5 36	0 48	20 48
T 9	1 55	20 44	1 52	2 33	1 20	10 27	5 11	22 55	0 48	11 2	0 55	18 1	0 43	5 37	0 48	20 49
W10	1 31	16 27	0 50	1 46	1 15	10 30	5 1	22 51	0 49	10 57	0 56	17 59	0 44	5 38	0 48	20 49
T 11	1 8	11 30	0n15	0 59	1 10	10 33	4 51	22 47	0 50	10 53	0 56	17 58	0 44	5 39	0 48	20 49
F 12	0 44	6 6	1 20	0 12	1 4	10 35	4 40	22 42	0 51	10 49	0 56	17 56	0 44	5 40	0 48	20 49
S 13	0 21	0 25	2 22	0s35	0 59	10 36	4 30	22 38	0 52	10 44	0 56	17 54	0 44	5 41	0 48	20 49
S 14	0s 3	5n22	3 18	1 21	0 53	10 37	4 20	22 34	0 53	10 40	0 56	17 53	0 44	5 42	0 48	20 49
M15	0 26	11 1	4 6	2 7	0 46	10 37	4 10	22 29	0 54	10 35	0 56	17 51	0 44	5 43	0 48	20 49
T 16	0 50	16 19	4 42	2 53	0 40	10 37	4 0	22 24	0 55	10 31	0 56	17 50	0 44	5 44	0 48	20 49
W17	1 13	20 59	5 4	3 39	0 34	10 36	3 50	22 19	0 56	10 26	0 56	17 48	0 45	5 45	0 48	20 49
T 18	1 37	24 40	5 10	4 24	0 27	10 34	3 40	22 15	0 57	10 22	0 56	17 47	0 45	5 45	0 48	20 50
F 19	2 0	27 5	5 0	5 8	0 20	10 32	3 30	22 10	0 58	10 18	0 57	17 45	0 45	5 46	0 48	20 50
S 20	2 24	27 56	4 33	5 53	0 13	10 29	3 20	22 4	0 59	10 13	0 57	17 44	0 45	5 47	0 48	20 50
S 21	2 47	27 3	3 49	6 36	0 7	10 26	3 11	21 59	1 1	10 9	0 57	17 42	0 45	5 48	0 48	20 50
M22	3 11	24 27	2 51	7 20	0s 0	10 21	3 1	21 54	1 2	10 5	0 57	17 41	0 45	5 49	0 48	20 50
T 23	3 34	20 17	1 42	8 2	0 7	10 17	2 52	21 49	1 3	10 0	0 57	17 39	0 45	5 50	0 48	20 50
W24	3 58	14 53	0 26	8 45	0 14	10 11	2 43	21 43	1 4	9 56	0 57	17 38	0 46	5 51	0 48	20 50

ASTRODIENST EPHEMERIS for the year 1505

geocentric

OCTOBER 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	1 15 13	16♂55'17	0♂18	2♂34	1♂48	1♂32	8♂9	13♂47	16♂R52	25♂24	5♂35	25♂R19	23♂55	13♂25	26♂40	W 1
T 2	1 19 10	17°54'55	13°13	4° 3	2°37	2° 4	8°20	13°51	16♂50	25°24	5°36	25♂12	23°52	13°32	26°46	T 2
F 3	1 23 6	18°54'35	25°47	5°32	3°27	2°36	8°32	13°56	16°48	25°24	5°38	25° 7	23°48	13°38	26°52	F 3
S 4	1 27 3	19°54'16	8♂2	7° 0	4°18	3° 7	8°43	14° 1	16°46	25°24	5°40	25° 4	23°45	13°45	26°59	S 4
S 5	1 30 59	20°53'59	20° 3	8°27	5°10	3°39	8°54	14° 5	16°44	25°24	5°42	25°D 3	23°42	13°52	27° 5	S 5
M 6	1 34 56	21°53'44	1♂54	9°54	6° 2	4°10	9° 5	14°10	16°43	25°25	5°43	25° 4	23°39	13°58	27°11	M 6
T 7	1 38 52	22°53'31	13°42	11°20	6°55	4°41	9°16	14°14	16°41	25°25	5°45	25° 5	23°36	14° 5	27°17	T 7
W 8	1 42 49	23°53'19	25°32	12°45	7°49	5°12	9°27	14°18	16°39	25°25	5°47	25°R 5	23°33	14°12	27°23	W 8
T 9	1 46 46	24°53'09	7♂28	14° 9	8°44	5°43	9°38	14°22	16°37	25°25	5°49	25° 4	23°29	14°18	27°28	T 9
F 10	1 50 42	25°53'01	19°35	15°33	9°39	6°13	9°49	14°26	16°35	25°26	5°51	25° 1	23°26	14°25	27°34	F 10
S 11	1 54 39	26°52'55	1♂56	16°56	10°34	6°44	10° 0	14°30	16°34	25°26	5°53	24°56	23°23	14°32	27°40	S 11
S 12	1 58 35	27°52'50	14°32	18°17	11°31	7°14	10°10	14°34	16°32	25°27	5°55	24°48	23°20	14°38	27°45	S 12
M13	2 2 32	28°52'47	27°26	19°38	12°27	7°44	10°21	14°38	16°31	25°27	5°57	24°37	23°17	14°45	27°51	M13
T 14	2 6 28	29°52'47	10♂36	20°58	13°25	8°14	10°31	14°42	16°29	25°28	5°59	24°26	23°14	14°52	27°56	T 14
W15	2 10 25	0♂52'48	24° 1	22°16	14°23	8°43	10°42	14°45	16°27	25°28	6° 1	24°15	23°10	14°58	28° 1	W15
T 16	2 14 21	1°52'51	7♂37	23°34	15°21	9°12	10°52	14°49	16°26	25°29	6° 2	24° 4	23° 7	15° 5	28° 7	T 16
F 17	2 18 18	2°52'57	21°24	24°50	16°20	9°42	11° 2	14°52	16°25	25°29	6° 5	23°56	23° 4	15°11	28°12	F 17
S 18	2 22 15	3°53'04	5♂17	26° 4	17°20	10°11	11°13	14°56	16°23	25°30	6° 7	23°50	23° 1	15°18	28°17	S 18
S 19	2 26 11	4°53'14	19°15	27°17	18°20	10°39	11°23	14°59	16°22	25°31	6° 9	23°47	22°58	15°25	28°22	S 19
M20	2 30 8	5°53'25	3♂18	28°28	19°20	11° 8	11°33	15° 2	16°20	25°32	6°11	23°D46	22°54	15°31	28°27	M20
T 21	2 34 4	6°53'39	17°24	29°37	20°21	11°36	11°42	15° 5	16°19	25°32	6°13	23°R46	22°51	15°38	28°32	T 21
W22	2 38 1	7°53'55	1♂32	0♂43	21°22	12° 4	11°52	15° 8	16°18	25°33	6°15	23°46	22°48	15°45	28°36	W22
T 23	2 41 57	8°54'13	15°41	1°47	22°23	12°32	12° 2	15°11	16°17	25°34	6°17	23°44	22°45	15°51	28°41	T 23
F 24	2 45 54	9°54'33	29°49	2°49	23°25	12°59	12°11	15°14	16°16	25°35	6°19	23°40	22°42	15°58	28°46	F 24
S 25	2 49 50	10°54'55	13♂54	3°47	24°28	13°26	12°21	15°16	16°14	25°36	6°21	23°33	22°39	16° 5	28°50	S 25
S 26	2 53 47	11°55'18	27°51	4°41	25°31	13°53	12°30	15°19	16°13	25°37	6°23	23°23	22°35	16°11	28°55	S 26
M27	2 57 43	12°55'44	11♂35	5°31	26°34	14°20	12°39	15°21	16°12	25°37	6°25	23°11	22°32	16°18	28°59	M27
T 28	3 1 40	13°56'11	25° 5	6°17	27°37	14°46	12°49	15°24	16°11	25°38	6°28	22°58	22°29	16°25	29° 3	T 28
W29	3 5 37	14°56'40	8♂15	6°57	28°41	15°13	12°58	15°26	16°11	25°39	6°30	22°45	22°26	16°31	29° 7	W29
T 30	3 9 33	15°57'10	21° 6	7°32	29°45	15°38	13° 7	15°28	16°10	25°40	6°32	22°34	22°23	16°38	29°11	T 30
F 31	3 13 30	16♂57'42	3♂37	8♂0	0♂50	16♂4	13♂15	15♂30	16♂9	25♂42	6♂34	22♂25	22♂20	16♂45	29♂15	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	6s40	25s15	5s 6	13s23	1s 3	9n17	1s42	21n 3	1n12	9n26	0n58	17n29	0n47	5s56	0s48	20s50
T 2	7 3	27 17	4 52	14 0	1 9	9 7	1 33	20 57	1 13	9 22	0 58	17 28	0 47	5 57	0 48	20 50
F 3	7 26	27 51	4 24	14 36	1 16	8 56	1 25	20 51	1 15	9 18	0 59	17 26	0 47	5 58	0 48	20 50
S 4	7 48	27 0	3 45	15 11	1 23	8 45	1 18	20 45	1 16	9 14	0 59	17 25	0 47	5 58	0 48	20 50
S 5	8 11	24 55	2 57	15 46	1 29	8 34	1 10	20 38	1 17	9 10	0 59	17 24	0 47	5 59	0 48	20 50
M 6	8 33	21 45	2 1	16 20	1 35	8 22	1 2	20 32	1 18	9 6	0 59	17 23	0 48	6 0	0 48	20 50
T 7	8 56	17 44	1 1	16 53	1 41	8 9	0 55	20 26	1 20	9 2	0 59	17 22	0 48	6 0	0 48	20 50
W 8	9 18	13 0	0n 2	17 25	1 47	7 56	0 47	20 20	1 21	8 58	0 59	17 21	0 48	6 1	0 48	20 50
T 9	9 40	7 46	1 6	17 56	1 53	7 42	0 40	20 13	1 22	8 50	0 59	17 20	0 48	6 2	0 48	20 50
F 10	10 2	2 11	2 7	18 26	1 59	7 28	0 33	20 7	1 23	8 50	1 0	17 19	0 48	6 2	0 48	20 50
S 11	10 23	3n34	3 3	18 55	2 4	7 13	0 26	20 0	1 25	8 46	1 0	17 18	0 48	6 3	0 48	20 50
S 12	10 45	9 18	3 52	19 24	2 9	6 58	0 19	19 54	1 26	8 42	1 0	17 17	0 49	6 4	0 48	20 50
M13	11 6	14 47	4 30	19 51	2 14	6 43	0 13	19 48	1 27	8 38	1 0	17 16	0 49	6 4	0 48	20 50
T 14	11 28	19 41	4 54	20 17	2 19	6 27	0 6	19 41	1 29	8 34	1 0	17 15	0 49	6 5	0 48	20 50
W15	11 49	23 42	5 3	20 42	2 23	6 10	0n 0	19 35	1 30	8 30	1 1	17 14	0 49	6 5	0 48	20 50
T 16	12 10	26 29	4 54	21 6	2 27	5 53	0 6	19 28	1 31	8 27	1 1	17 13	0 49	6 6	0 48	20 49
F 17	12 30	27 42	4 29	21 28	2 31	5 36	0 13	19 22	1 33	8 23	1 1	17 12	0 49	6 6	0 47	20 49
S 18	12 51	27 11	3 48	21 50	2 35	5 18	0 18	19 15	1 34	8 19	1 1	17 11	0 50	6 7	0 47	20 49
S 19	13 11	24 58	2 52	22 10	2 38	5 0	0 24	19 9	1 35	8 16	1 1	17 11	0 50	6 7	0 47	20 49
M20	13 31	21 12	1 46	22 28	2 40	4 42	0 30	19 2	1 37	8 12	1 1	17 10	0 50	6 8	0 47	20 49
T 21	13 51	16 12	0 34	22 46	2 42	4 23	0 35	18 56	1 38	8 8	1 2	17 9	0 50	6 8	0 47	20 49
W22	14 11	10 19	0s41	23 2	2 44	4 3	0 41	18 49	1 40	8 5	1 2	17 9	0 50	6 9	0 47	20 49
T 23	14 30	3 55	1 53	23 16	2 45	3 44	0 46	18 43	1 41	8 1	1 2	17 8	0 50	6 9	0 47	20 49
F 24	14 50	2s39	2 59	23 28	2 45	3 24	0 51	18 36	1 43	7 58	1 2	17 7	0 51	6 10	0 47	20 49
S 25	15 9	9 4	3 52	23 39	2 45	3 4	0 56	18 30	1 44	7 54	1 2	17 7	0 51	6 10	0 47	20 48
S 26	15 27	14 57	4 32	23 49	2 43	2 43	1 1	18 23	1 45	7 51	1 3	17 6	0 51	6 10	0 47	20 48
M27	15 46	20 1	4 54	23 56	2 42	2 22	1 5	18 17	1 47	7 48	1 3	17 5	0 51	6 11	0 47	20 48
T 28	16 4	23 56	5 0	24 1	2 39	2 1	1 10	18 10	1 48	7 44	1 3	17 5	0 51	6 11	0 47	20 48
W29	16 22	26 31	4 50	24 4	2 35	1 39	1 14	18 4	1 50	7 41	1 3	17 4	0 52	6 11	0 47	20 48
T 30	16 40	27 36	4 25	24 6	2 30	1 18	1 18	17 58	1 51	7 38	1 3	17 4	0 52	6 12	0 47	20 48
F 31	16s57	27s14	3s47	24s 4	2s24	0n56	1n22	17n52	1n53	7n35	1n 4	17n 4	0n52	6s12	0s47	20s47

Julian Day Number = 2271032.5, Delta T = 279.09 sec

Ecliptic obliquity = 23°30'20", Nutation = 0°00'09", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°50'39", Lahiri = 16°57'39" Julian Calendar 1 Oct. 1505 == Greg. Calendar 11 Oct. 1505

ASTRODIENST EPHEMERIS for the year 1505
geocentric

NOVEMBER 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 17 26	17 ¹⁷ 58'15	15 ²³ 51	8 ²⁷ 21	1 ¹⁵ 54	16 ⁰² 29	13 ¹⁷ 24	15 ⁰² 32	16 ¹⁸ 8	25 ²³ 43	6 ²⁷ 36	22 ¹⁹ 19	22 ²² 16	16 ²² 51	29 ⁰² 19	S 1
S 2	3 21 23	18 ⁰⁵ 58'50	27 ⁰² 52	8 ⁰³ 34	2 ⁰⁵ 59	16 ⁰⁵ 54	13 ⁰³ 33	15 ⁰³ 33	16 ¹⁸ 7	25 ⁰⁴ 44	6 ⁰³ 39	22 ²² 15	22 ⁰² 13	16 ⁰⁵ 58	29 ⁰² 23	S 2
M 3	3 25 19	19 ⁰⁵ 59'25	9 ²² 43	8 ⁰³ R38	4 ⁰⁵ 5	17 ⁰¹ 19	13 ⁰⁴ 41	15 ⁰³ 35	16 ⁰⁷ 7	25 ⁰⁴ 45	6 ⁰⁴ 41	22 ⁰² 14	22 ⁰² 10	17 ⁰⁴ 4	29 ⁰² 26	M 3
T 4	3 29 16	21 ⁰⁰ 00'02	21 ⁰³ 31	8 ⁰³ 33	5 ⁰¹ 10	17 ⁰⁴ 43	13 ⁰⁴ 49	15 ⁰³ 37	16 ⁰⁶ 6	25 ⁰⁴ 46	6 ⁰⁴ 43	22 ⁰² 14	22 ⁰² 7	17 ⁰¹ 11	29 ⁰² 30	T 4
W 5	3 33 13	22 ⁰⁰ 04'00	3 ¹⁸ 20	8 ⁰¹ 18	6 ⁰¹ 16	18 ⁰⁷ 7	13 ⁰⁵ 57	15 ⁰³ 38	16 ⁰⁵ 5	25 ⁰⁴ 47	6 ⁰⁴ 45	22 ⁰² 14	22 ⁰² 4	17 ⁰¹ 18	29 ⁰² 33	W 5
T 6	3 37 9	23 ⁰⁰ 12'00	15 ⁰¹ 17	7 ⁰⁵ 53	7 ⁰² 22	18 ⁰³ 31	14 ⁰⁵ 5	15 ⁰³ 39	16 ⁰⁵ 5	25 ⁰⁴ 49	6 ⁰⁴ 48	22 ⁰² 12	22 ⁰² 0	17 ⁰¹ 24	29 ⁰² 36	T 6
F 7	3 41 6	24 ⁰⁰ 20'00	27 ⁰² 26	7 ⁰¹ 16	8 ⁰² 29	18 ⁰⁵ 55	14 ⁰¹ 13	15 ⁰⁴ 41	16 ⁰⁴ 4	25 ⁰⁵ 50	6 ⁰⁵ 50	22 ⁰² 9	21 ⁰⁵ 57	17 ⁰³ 31	29 ⁰² 40	F 7
S 8	3 45 2	25 ⁰⁰ 24'20	9 ²⁷ 52	6 ⁰³ 30	9 ⁰³ 35	19 ⁰¹ 18	14 ⁰² 21	15 ⁰⁴ 42	16 ⁰⁴ 4	25 ⁰⁵ 51	6 ⁰⁵ 52	22 ⁰² 3	21 ⁰⁵ 54	17 ⁰³ 38	29 ⁰² 43	S 8
S 9	3 48 59	26 ⁰⁰ 32'24	22 ⁰³ 39	5 ⁰³ 33	10 ⁰⁴ 42	19 ⁰⁴ 40	14 ⁰² 29	15 ⁰⁴ 43	16 ⁰⁴ 4	25 ⁰⁵ 53	6 ⁰⁵ 54	21 ⁰⁵ 54	21 ⁰⁵ 51	17 ⁰⁴ 44	29 ⁰² 46	S 9
M10	3 52 55	27 ⁰⁰ 40'08	5 ²⁸ 47	4 ⁰² 26	11 ⁰⁴ 49	20 ⁰⁵ 3	14 ⁰³ 36	15 ⁰⁴ 44	16 ⁰³ 3	25 ⁰⁵ 54	6 ⁰⁵ 57	21 ⁰⁵ 43	21 ⁰⁵ 48	17 ⁰⁵ 11	29 ⁰² 49	M10
T 11	3 56 52	28 ⁰⁰ 45'54	19 ⁰¹ 47	3 ⁰¹ 13	12 ⁰⁵ 56	20 ⁰² 25	14 ⁰⁴ 44	15 ⁰⁴ 45	16 ⁰³ 3	25 ⁰⁵ 55	6 ⁰⁵ 59	21 ⁰⁵ 30	21 ⁰⁵ 45	17 ⁰⁵ 58	29 ⁰² 51	T 11
W12	4 0 48	29 ⁰⁰ 54'00	3 ¹¹ 6	1 ⁰⁵ 54	14 ⁰⁴ 4	20 ⁰⁴ 47	14 ⁰⁵ 11	15 ⁰⁴ 45	16 ⁰³ 3	25 ⁰⁵ 57	7 ⁰⁶ 1	21 ⁰⁵ 17	21 ⁰⁵ 41	18 ⁰⁴ 4	29 ⁰² 54	W12
T 13	4 4 45	0 ²⁷ 6'28	17 ⁰¹ 10	0 ⁰³ 31	15 ⁰¹ 12	21 ⁰⁸ 8	14 ⁰⁵ 58	15 ⁰⁴ 46	16 ⁰³ 3	25 ⁰⁵ 58	7 ⁰⁶ 4	21 ⁰⁵ 5	21 ⁰⁵ 38	18 ⁰¹ 11	29 ⁰² 57	T 13
F 14	4 8 42	1 ⁰⁷ 17'17	1 ²³ 23	29 ⁰² 11	16 ⁰² 20	21 ⁰² 29	15 ⁰⁵ 5	15 ⁰⁴ 46	16 ⁰² 2	26 ⁰⁰ 0	7 ⁰⁶ 6	20 ⁰⁵ 56	21 ⁰⁵ 35	18 ⁰¹ 18	29 ⁰² 59	F 14
S 15	4 12 38	2 ⁰⁸ 07'15	15 ⁰⁴ 41	27 ⁰² 49	17 ⁰² 28	21 ⁰⁴ 49	15 ⁰⁵ 12	15 ⁰⁴ 47	16 ⁰² 2	26 ⁰⁰ 1	7 ⁰⁶ 8	20 ⁰⁵ 49	21 ⁰⁵ 32	18 ⁰² 24	0 ⁰² 2	S 15
S 16	4 16 35	3 ⁰⁸ 59'29	29 ⁰⁵ 59	26 ⁰³ 35	18 ⁰³ 36	22 ⁰¹ 10	15 ⁰⁵ 19	15 ⁰⁴ 7	16 ⁰² D 2	26 ⁰³ 3	7 ⁰¹ 11	20 ⁰⁵ 45	21 ⁰⁵ 29	18 ⁰³ 31	0 ⁰⁴ 4	S 16
M17	4 20 31	4 ⁰⁹ 52'14	14 ⁰² 14	25 ⁰² 27	19 ⁰⁴ 45	22 ⁰² 29	15 ⁰⁵ 25	15 ⁰⁴ R47	16 ⁰² 2	26 ⁰⁴ 4	7 ⁰¹ 13	20 ⁰⁵ 44	21 ⁰⁵ 26	18 ⁰³ 38	0 ⁰⁶ 6	M17
T 18	4 24 28	5 ¹⁰ 47'28	28 ⁰² 23	24 ⁰² 29	20 ⁰⁵ 54	22 ⁰⁴ 49	15 ⁰⁵ 31	15 ⁰⁴ 7	16 ⁰² 2	26 ⁰⁶ 6	7 ⁰¹ 15	20 ⁰⁵ 44	21 ⁰⁵ 22	18 ⁰⁴ 44	0 ⁰⁸ 8	T 18
W19	4 28 24	6 ¹¹ 43'12	12 ⁰² 25	23 ⁰⁴ 22	22 ⁰³ 3	23 ⁰⁸ 8	15 ⁰⁵ 38	15 ⁰⁴ 7	16 ⁰³ 3	26 ⁰⁷ 7	7 ⁰¹ 18	20 ⁰⁵ 44	21 ⁰⁵ 19	18 ⁰⁵ 51	0 ¹⁰ 10	W19
T 20	4 32 21	7 ¹² 40'26	20 ⁰² 20	23 ⁰⁶ 6	23 ⁰¹ 12	23 ⁰² 26	15 ⁰⁵ 44	15 ⁰⁴ 7	16 ⁰³ 3	26 ⁰⁹ 9	7 ⁰² 20	20 ⁰⁵ 42	21 ⁰⁵ 16	18 ⁰⁵ 57	0 ¹² 12	T 20
F 21	4 36 17	8 ¹³ 38'10	22 ⁰⁴ 8	22 ⁰⁴ 41	24 ⁰² 21	23 ⁰⁴ 44	15 ⁰⁵ 50	15 ⁰⁴ 6	16 ⁰³ 3	26 ¹¹ 11	7 ⁰² 22	20 ⁰⁵ 39	21 ⁰⁵ 13	19 ⁰⁴ 4	0 ¹³ 13	F 21
S 22	4 40 14	9 ¹⁴ 38'23	23 ⁰⁴ 47	22 ⁰² 27	25 ⁰³ 31	24 ⁰² 2	15 ⁰⁵ 56	15 ⁰⁴ 6	16 ⁰³ 3	26 ¹² 12	7 ⁰² 24	20 ⁰⁵ 32	21 ⁰⁵ 10	19 ⁰¹ 11	0 ¹⁵ 15	S 22
S 23	4 44 11	10 ¹⁵ 39'7	22 ⁰² D24	26 ⁰⁴ 40	24 ⁰¹ 19	16 ⁰¹ 1	15 ⁰⁵ 45	16 ⁰⁴ 4	26 ¹⁴ 14	7 ⁰² 27	20 ⁰⁵ 23	21 ⁰⁵ 6	19 ⁰¹ 17	0 ¹⁶ 16	0 ¹⁶ 16	S 23
M24	4 48 7	11 ¹⁶ 40'20	20 ⁰² 37	22 ⁰³ 32	27 ⁰⁵ 50	24 ⁰³ 35	16 ⁰⁷ 7	15 ⁰⁴ 4	16 ⁰⁴ 4	26 ¹⁶ 16	7 ⁰² 29	20 ⁰⁵ 11	21 ⁰⁵ 3	19 ⁰² 24	0 ¹⁸ 18	M24
T 25	4 52 4	12 ¹⁷ 43'3	3 ²⁷ 44	22 ⁰⁴ 49	29 ⁰⁶ 0	24 ⁰⁵ 52	16 ⁰¹ 12	15 ⁰⁴ 4	16 ⁰⁴ 4	26 ¹⁸ 18	7 ⁰³ 31	19 ⁰⁵ 59	21 ⁰⁵ 0	19 ⁰³ 31	0 ¹⁹ 19	T 25
W26	4 56 0	13 ¹⁸ 47'16	23 ⁰³ 14	0 ⁰¹ 10	25 ⁰⁷ 7	16 ⁰¹ 17	15 ⁰⁴ 3	16 ⁰⁵ 5	26 ¹⁹ 19	7 ⁰³ 34	19 ⁰⁵ 47	20 ⁰⁵ 57	19 ⁰³ 37	0 ²⁰ 20	0 ²⁰ 20	W26
T 27	4 59 57	14 ¹⁹ 52'29	23 ⁰⁴ 47	1 ⁰² 20	25 ⁰² 22	16 ⁰² 22	15 ⁰⁴ 2	16 ⁰⁵ 5	26 ²¹ 21	7 ⁰³ 36	19 ⁰⁵ 36	20 ⁰⁵ 54	19 ⁰⁴ 44	0 ²¹ 21	0 ²¹ 21	T 27
F 28	5 3 53	15 ²⁰ 57'11	23 ⁰³ 37	24 ⁰² 26	2 ⁰³ 31	25 ⁰³ 37	16 ⁰² 27	15 ⁰⁴ 1	16 ⁰⁶ 6	26 ²³ 23	7 ⁰³ 38	19 ⁰⁵ 27	20 ⁰⁵ 51	19 ⁰⁵ 51	0 ²² 22	F 28
S 29	5 7 50	16 ²² 03'23	23 ⁰⁴ 46	25 ⁰² 12	3 ⁰⁴ 41	25 ⁰⁵ 51	16 ⁰³ 31	15 ⁰³ 9	16 ⁰⁷ 7	26 ²⁵ 25	7 ⁰⁴ 41	19 ⁰⁵ 21	20 ⁰⁵ 47	19 ⁰⁵ 57	0 ²³ 23	S 29
S 30	5 11 46	17 ²³ 09'17	5 ²² 44	26 ⁰¹ 11	4 ⁰¹ 52	26 ⁰² 11	16 ⁰³ 36	15 ⁰³ 8	16 ⁰⁷ 7	26 ²⁷ 27	7 ⁰⁴ 43	19 ⁰⁵ 17	20 ⁰⁵ 44	20 ⁰⁵ 4	0 ²³ 23	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
S 1	17s14	25s32	3s 0	24s 0	2s17	0n34	1n26	17n46	1n55	7n31	1n 4	17n 3	0n52	6s12	0s47	20s47	0n17	11s32	10n 5	14s 7	14s 8	16s18	6n 4	6s 3			
S 2	17 31	22 42	2 5	23 54	2 8	0 11	1 30	17 39	1 56	7 28	1 4	17 3	0 52	6 13	0 47	20 47	0 17	11 32	10 5	14 8	14 9	16 15	6 3	6 3			
M 3	17 47	18 55	1 6	23 45	1 58	0s12	1 34	17 33	1 58	7 25	1 4	17 3	0 52	6 13	0 47	20 47	0 17	11 33	10 5	14 8	14 10	16 12	6 1	6 4			
T 4	18 3	14 26	0 4	23 32	1 46	0 34	1 37	17 27	1 59	7 22	1 4	17 2	0 53	6 13	0 47	20 47	0 17	11 33	10 5	14 8	14 11	16 9	5 59	6 4			
W 5	18 19	9 24	0n58	23 17	1 33	0 57	1 41	17 21	2 1	7 19	1 5	17 2	0 53	6 13	0 47	20 46	0 17	11 34	10 4	14 8	14 12	16 6	5 58	6 5			
T 6	18 35	3 59	1 59	22 58	1 18	1 21	1 44	17 16	2 3	7 16	1 5	17 2	0 53	6 13	0 47	20 46	0 17	11 34	10 4	14 9	14 13	16 3	5 56	6 5			
F 7	18 50	1n39	2 55	22 36	1 2	1 44	1 47	17 10	2 4	7 14	1 5	17 2	0 53	6 14	0 47	20 46	0 17	11 35	10 4	14 10	14 14	16 0	5 54	6 6			
S 8	19 5	7 21	3 44	22 11	0 45	2 8	1 50	17 4	2 6	7 11	1 5	17 2	0 53	6 14	0 47	20 46	0 17	11 35	10 4	14 12	14 15	15 57	5 53	6 7			
S 9	19 19	12 54	4 23	21 43	0 26	2 31	1 53	16 58	2 8	7 8	1 6	17 1	0 54	6 14	0 47	20 46	0 16	11 36	10 4	14 15	14 16	15 55	5 51	6 7			
M10	19 33	18 1	4 49	21 11	0 6	2 55	1 55	16 53	2 9	7 5	1 6	17 1	0 54	6 14	0 47	20 45	0 16	11 36	10 4	14 18	14 17	15 52	5 50	6 8			
T 11	19 47	22 24	5 0	20 37	0n14	3 19	1 58	16 48	2 11	7 3	1 6	17 1	0 54	6 14	0 47	20 45	0 16	11 37	10 3	14 23	14 18	15 49	5 48	6 8			
W12	20 1	25 38	4 54	20 2	0 35	3 43	2 0	16 42	2 13	7 0	1 6	17 1	0 54	6 14	0 47	20 45	0 16	11 37	10 3	14 27	14 19	15 46	5 47	6 9			
T 13	20 14	27 22	4 30	19 25	0 55	4 7	2 2	16 37	2 14	6 58	1 7	17 1	0 54	6 14	0 46	20 45	0 16	11 38	10 3	14 30	14 20	15 43	5 45	6 9			
F 14	20 26	27 19	3 50	18 49	1 15	4 31	2 5	16 32	2 16	6 55	1 7	17 1	0 55	6 14	0 46	20 44	0 16	11 38	10 3	14 34	14 21	15 40	5 44	6 10			
S 15	20 39	25 28	2 54	18 13	1 33	4 56	2 7	16 27	2 18	6 53	1 7	17 1	0 55	6 14	0 46	20 44	0 16	11 39	10 3	14 36	14 22	15 37	5 43	6 10			
S 16	20 51	21 58	1 48	17 41	1 49	5 20	2 8	16 22	2 20	6 50	1 7	17 1	0 55	6 14	0 46	20 44	0 16	11 39	10 3	14 37	14 23	15 34	5 41	6 11			
M17	21 2	17 9	0 34	17 11	2 3	5 44	2 10	16 17	2 22	6 48	1 8	17 2	0 55	6 14	0 46	20 44	0 16	11 40	10 3	14 37	14 24	15 31	5 40	6 11			
T 18	21 13	11 26	0s40	16 45	2 16	6 9	2 12	16 12	2 23	6 46	1 8	17 2	0 55	6 14	0 46	20 43	0 16	11 40	10 3	14 37	14 25	15 29	5 39	6 12			
W19	21 24	5 11	1 52	16 24	2 26	6 33	2 13	16 8	2 25	6 44	1 8	17 2	0 56	6 14	0 46	20 43	0 16	11 41	10 2	14 37	14 26	15 26	5 38	6 13			
T 20	21 34	1s15	2 57	16 7	2 33	6 57	2 15	16 4	2 27	6 41	1 8	17 2	0 56	6 14	0 46	20 43	0 16	11 41	10 2	14 38	14 27	15 23	5 37	6 13			
F 21	21 44	7 33	3 50	15 56	2 39	7 22	2 16	15 59	2 29	6 39	1 9	17 3	0 56	6 14	0 46	20 42	0 16	11 42	10 2	14 39	14 28	15 20	5 35	6 14			
S 22	21 54	13 26	4 30	15 49	2 43	7 46	2 17	15 55	2 31	6 37	1 9	17 3	0 56	6 13	0 46	20 42	0 16	11 42	10 2	14 41	14 29	15 17	5 34	6 14			
S 23	22 3	18 37	4 54	15 46	2 45	8 10	2 18	15 51	2 33	6 35	1 9	17 3	0 56	6 13	0 46	20 42	0 16	11 42	10 2	14 44	14 30	15 14	5 33	6 15			
M24	22 12	22 48	5 2	15 48	2 45	8 34	2 19	15 48	2 35	6 33	1 9	17 4	0 57	6 13	0 46	20 41	0 16	11 43	10 2	14 48	14 31	15 11	5 32	6 15			
T 25	22 20	25 45	4 53	15 53	2 44	8 58	2 20	15 44	2 37	6 32	1 10	17 4	0 57	6 13	0 46	20 41	0 16	11 43	10 2	14 52	14 32	15 8	5 31	6 16			
W26	22 28	27 18	4 30	16 1	2 42	9 22	2 20	15 41	2 39	6 30	1 10	17 5	0 57	6 13	0 46	20 41	0 16	11 44	10 2	14 56	14 33	15 5	5 30	6 17			
T 27	22 35	27 24	3 54	16 13	2 38	9 46	2 21	15 37	2 41	6 28	1 10	17 5	0 57	6 12	0 46	20 41	0 16	11 44	10 2	14 59	14 34	15 2	5 30	6 17			
F 28	22 42	26 6	3 7	16 26	2 34	10 10	2 21	15 34	2 43	6 27	1 10	17 6	0 57	6 12	0 46	20 40	0 16	11 44	10 2	15 2	14 35	14 59	5 29	6 18			
S 29	22 48	23 34	2 12	16 42	2 29	10 34	2 21	15 31	2 45	6 25	1 11	17 6	0 57	6 12	0 46	20 40	0 16	11 45	10 2	15 4	14 36	14 56	5 28	6 18			
S 30	22s54	20s 3	1s12	17s 0	2n24	10s57	2n22	15n29	2n47	6n24	1n11	17n 7	0n58	6s12	0s46	20s40	0n16	11s45	10n 2	15s 5	14s37	14s53	5n27	6s19			

ASTRODIENST EPHEMERIS for the year 1505

geocentric

DECEMBER 1505 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	5 15 43	18°24'16	17°34'34	27°00'00	6°11'02	26°01'18	16°04'40	15°03'37	16°08'08	26°03'28	7°04'45	19°01'16	20°04'41	20°08'11	0°00'24	M 1
T 2	5 19 40	19°25'23	29°02'21	28°00'00	7°13'13	26°03'30	16°04'44	15°03'35	16°09'09	26°03'30	7°04'48	19°01'17	20°03'38	20°01'17	0°00'24	T 2
W 3	5 23 36	20°26'30	11°00'00	29°03'03	8°24'02	26°04'42	16°04'48	15°03'33	16°10'10	26°03'32	7°05'00	19°01'18	20°03'35	20°02'24	0°00'25	W 3
T 4	5 27 33	21°27'38	23°04'04	0°00'00	9°35'10	26°05'53	16°05'52	15°03'32	16°11'11	26°03'34	7°05'22	19°01'18	20°03'32	20°03'30	0°00'25	T 4
F 5	5 31 29	22°28'45	5°00'12	1°20'00	10°46'27	27°04'04	16°05'56	15°03'30	16°12'12	26°03'36	7°05'44	19°01'17	20°02'28	20°03'37	0°00'25	F 5
S 6	5 35 26	23°29'53	17°03'37	2°33'00	11°57'11	27°14'14	16°05'59	15°02'28	16°13'13	26°03'38	7°05'57	19°01'14	20°02'25	20°04'44	0°00'25	S 6
S 7	5 39 22	24°31'01	0°00'00	3°47'00	13°09'13	27°24'24	17°02'02	15°02'26	16°14'14	26°04'40	7°05'59	19°01'09	20°02'22	20°05'00	0°00'25	S 7
M 8	5 43 19	25°32'10	13°03'37	5°03'00	14°20'30	27°33'33	17°02'05	15°02'23	16°15'15	26°04'42	8°01'01	19°01'01	20°02'19	20°05'57	0°00'24	M 8
T 9	5 47 15	26°33'18	27°01'16	6°21'00	15°32'20	27°41'41	17°02'08	15°02'21	16°16'16	26°04'44	8°01'03	18°03'33	20°02'16	21°04'04	0°00'24	T 9
W10	5 51 12	27°34'27	11°00'00	7°41'00	16°43'27	27°49'49	17°11'11	15°01'19	16°17'17	26°04'46	8°01'06	18°04'44	20°02'12	21°10'10	0°00'23	W10
T 11	5 55 09	28°35'36	25°04'43	9°02'00	17°55'27	27°56'56	17°14'14	15°01'16	16°18'18	26°04'48	8°01'08	18°03'35	20°02'09	21°17'17	0°00'23	T 11
F 12	5 59 05	29°36'45	10°00'00	10°24'00	19°07'28	28°02'28	17°16'16	15°01'14	16°20'20	26°05'00	8°01'10	18°02'28	20°02'06	21°24'24	0°00'22	F 12
S 13	6 03 02	30°37'54	25°07'07	11°47'00	20°19'28	28°08'28	17°18'18	15°01'11	16°21'21	26°05'02	8°01'12	18°02'24	20°02'03	21°30'30	0°00'21	S 13
S 14	6 06 58	1°39'04	9°00'52	13°11'00	21°31'21	28°13'21	17°20'20	15°00'08	16°22'22	26°05'04	8°01'14	18°02'22	20°02'00	21°37'37	0°00'20	S 14
M15	6 10 55	2°40'14	24°03'30	14°35'22	22°43'22	28°17'22	17°22'22	15°00'05	16°24'24	26°05'07	8°01'16	18°02'22	19°02'57	21°44'44	0°00'19	M15
T 16	6 14 51	3°41'24	8°00'56	16°01'23	23°55'23	28°20'20	17°23'23	15°00'02	16°25'25	26°05'09	8°01'19	18°02'23	19°02'53	21°50'50	0°00'18	T 16
W17	6 18 48	4°42'34	23°08'08	17°27'25	25°07'25	28°23'23	17°25'25	14°59'59	16°27'27	27°01'01	8°01'21	18°02'24	19°02'50	21°57'57	0°00'17	W17
T 18	6 22 45	5°43'45	7°00'00	18°54'26	26°20'26	28°25'25	17°26'26	14°56'56	16°28'28	27°01'03	8°01'23	18°02'24	19°02'47	22°04'04	0°00'15	T 18
F 19	6 26 41	6°44'56	20°04'43	20°22'22	27°32'22	28°27'27	17°27'27	14°53'53	16°30'30	27°01'05	8°01'25	18°02'23	19°02'44	22°10'10	0°00'14	F 19
S 20	6 30 38	7°46'07	4°00'08	21°50'28	28°45'28	28°27'27	17°28'28	14°50'50	16°32'32	27°01'07	8°01'27	18°02'21	19°02'41	22°17'17	0°00'12	S 20
S 21	6 34 34	8°47'18	17°01'19	23°19'29	29°57'29	28°27'27	17°28'28	14°46'46	16°33'33	27°01'09	8°01'29	18°01'16	19°03'38	22°23'23	0°00'11	S 21
M22	6 38 31	9°48'30	0°00'00	24°48'17	1°00'00	28°26'26	17°29'29	14°43'43	16°35'35	27°01'12	8°01'31	18°01'10	19°03'34	22°30'30	0°00'09	M22
T 23	6 42 27	10°49'41	13°00'00	26°18'22	2°22'22	28°24'24	17°29'29	14°39'39	16°37'37	27°01'14	8°01'33	18°01'03	19°03'31	22°37'37	0°00'07	T 23
W24	6 46 24	11°50'53	25°03'32	27°48'33	3°35'35	28°22'22	17°29'29	14°36'36	16°39'39	27°01'16	8°01'35	17°05'56	19°02'28	22°43'43	0°00'05	W24
T 25	6 50 20	12°52'04	7°00'53	29°19'48	4°48'48	28°18'18	17°29'29	14°32'32	16°41'41	27°01'18	8°01'37	17°05'50	19°02'25	22°50'50	0°00'03	T 25
F 26	6 54 17	13°53'15	20°03'03	0°00'51	6°01'01	28°14'14	17°29'29	14°28'28	16°43'43	27°01'21	8°01'39	17°04'45	19°02'22	22°57'57	0°00'00	F 26
S 27	6 58 14	14°54'25	2°00'04	2°22'22	7°14'14	28°09'09	17°28'28	14°24'24	16°45'45	27°01'23	8°01'41	17°04'42	19°01'18	23°03'03	29°00'58	S 27
S 28	7 02 10	15°55'35	13°05'57	3°55'55	8°27'27	28°04'04	17°27'27	14°20'20	16°47'47	27°01'25	8°01'43	17°04'40	19°01'15	23°10'10	29°55'55	S 28
M29	7 06 07	16°56'44	25°05'45	5°27'27	9°40'40	27°57'57	17°27'27	14°16'16	16°49'49	27°01'27	8°01'45	17°04'41	19°01'12	23°17'17	29°53'53	M29
T 30	7 10 03	17°57'53	7°00'31	7°01'01	10°53'53	27°50'50	17°25'25	14°12'12	16°51'51	27°01'30	8°01'47	17°04'42	19°01'09	23°23'23	29°50'50	T 30
W31	7 14 00	18°59'01	19°00'19	8°00'34	12°00'00	27°00'00	17°24'24	14°08'08	16°53'53	27°01'32	8°01'49	17°04'44	19°00'06	23°30'30	29°00'48	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	23s 0	15s45	0s 9	17s18	2n18	11s21	2n22	15n26	2n49	6n22	1n11	17n 7	0n58	6s11	0s46	20s39
T 2	23s 5	10s54	0n54	17s 38	2 11	11s44	2 22	15s24	2 51	6 21	1 11	17s 8	0s 58	6 11	0 46	20s39
W 3	23s 10	5s 38	1 55	17s 59	2 4	12s 7	2 21	15s22	2 53	6 19	1 12	17s 9	0s 58	6 11	0 46	20s38
T 4	23s 14	0 9	2 51	18s 20	1 57	12s 29	2 21	15s20	2 55	6 18	1 12	17s 9	0s 58	6 10	0 46	20s38
F 5	23s 17	5n27	3 41	18s 42	1 49	12s 52	2 21	15s18	2 57	6 17	1 12	17s 10	0s 59	6 10	0 46	20s38
S 6	23s 21	10s 57	4 22	19s 4	1 42	13s 14	2 20	15s16	3 0	6 16	1 13	17s 11	0s 59	6 9	0 46	20s37
S 7	23s 23	16s 10	4 50	19s 26	1 34	13s 36	2 20	15s15	3 2	6 15	1 13	17s 12	0s 59	6 9	0 46	20s37
M 8	23s 26	20s 49	5 5	19s 48	1 26	13s 58	2 19	15s14	3 4	6 14	1 13	17s 12	0s 59	6 8	0 45	20s37
T 9	23s 28	24s 31	5 3	20s 9	1 18	14s 20	2 18	15s13	3 6	6 13	1 13	17s 13	0s 59	6 8	0 45	20s36
W10	23s 29	26s 52	4 43	20s 30	1 10	14s 41	2 17	15s13	3 8	6 12	1 14	17s 14	1 0	6 7	0 45	20s36
T 11	23s 30	27s 31	4 5	20s 51	1 2	15s 2	2 16	15s12	3 11	6 12	1 14	17s 15	1 0	6 7	0 45	20s36
F 12	23s 30	26s 16	3 10	21s 11	0 54	15s 23	2 15	15s12	3 13	6 11	1 14	17s 16	1 0	6 6	0 45	20s35
S 13	23s 30	23s 10	2 2	21s 30	0 46	15s 43	2 14	15s12	3 15	6 10	1 14	17s 17	1 0	6 6	0 45	20s35
S 14	23s 30	18s 34	0 46	21s 49	0 38	16s 3	2 13	15s13	3 17	6 10	1 15	17s 18	1 0	6 5	0 45	20s34
M15	23s 29	12s 52	0s33	22s 7	0 30	16s 23	2 12	15s13	3 20	6 9	1 15	17s 19	1 0	6 5	0 45	20s34
T 16	23s 27	6s 33	1 49	22s 24	0 22	16s 42	2 10	15s14	3 22	6 9	1 15	17s 20	1 1	6 4	0 45	20s34
W17	23s 25	0 1	2 57	22s 40	0 14	17s 1	2 9	15s15	3 24	6 9	1 16	17s 21	1 1	6 3	0 45	20s33
T 18	23s 23	6s23	3 53	22s 56	0 7	17s 19	2 7	15s17	3 26	6 9	1 16	17s 22	1 1	6 3	0 45	20s33
F 19	23s 20	12s 21	4 35	23s 10	0s 1	17s 38	2 6	15s18	3 29	6 8	1 16	17s 23	1 1	6 2	0 45	20s32
S 20	23s 17	17s 39	5 1	23s 23	0 8	17s 55	2 4	15s20	3 31	6 8	1 16	17s 24	1 1	6 1	0 45	20s32
S 21	23s 13	22s 0	5 10	23s 35	0 15	18s 13	2 2	15s23	3 33	6 8	1 17	17s 26	1 2	6 1	0 45	20s32
M22	23s 9	25s 12	5 3	23s 46	0 22	18s 29	2 0	15s25	3 36	6 8	1 17	17s 27	1 2	6 0	0 45	20s31
T 23	23s 4	27s 5	4 42	23s 56	0 29	18s 46	1 58	15s28	3 38	6 9	1 17	17s 28	1 2	5 59	0 45	20s31
W24	22s 59	27s 32	4 6	24s 5	0 36	19s 2	1 56	15s31	3 40	6 9	1 18	17s 29	1 2	5 58	0 45	20s30
T 25	22s 53	26s 36	3 20	24s 13	0 42	19s 17	1 54	15s34	3 42	6 9	1 18	17s 31	1 2	5 58	0 45	20s30
F 26	22s 47	24s 24	2 25	24s 19	0 49	19s 32	1 52	15s38	3 45	6 10	1 18	17s 32	1 2	5 57	0 45	20s30
S 27	22s 40	21s 7	1 24	24s 24	0 55	19s 46	1 50	15s42	3 47	6 10	1 18	17s 33	1 3	5 56	0 45	20s29
S 28	22s 33	17s 1	0 20	24s 28	1 1	20s 0	1 47	15s46	3 49	6 11	1 19	17s 34	1 3	5 55	0 45	20s29
M29	22s 26	12s 17	0n44	24s 30	1 7	20s 14	1 45	15s50	3 51	6 11	1 19	17s 36	1 3	5 54	0 45	20s28
T 30	22s 18	7s 7	1 47	24s 31	1 12	20s 26	1 43	15s55	3 54	6 12	1 19	17s 37	1 3	5 54	0 45	20s28
W31	22s 9	1s42	2n45	24s31	1s18	20s39	1n40	16n 0	3n56	6n13	1n20	17n38	1n 3	5s53	0s45	20s27

Julian Day Number = 2271093.5, Delta T = 278.72 sec

Ecliptic obliquity = 23°30'19", Nutation = 0°00'10", out-of-bounds declination in red