



Astrodienst Ephemeris Tables for the year 1594

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 1594
geocentric

JANUARY 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 41 11	10 ²⁶ 43	22 ⁴¹	25 ³ 1	7 ²⁹ 29	11 ⁶ 6	28 ³⁵ 4	9 ⁰ R34	3 ¹¹ 11	14 ⁰ R13	15 ¹⁶ 16	29 ⁸ 0	27 ³¹ 31	3 ¹⁴ 14	2 ⁰ R51	S 1	
S 2	6 45 7	11 ²⁷ 53	5 ⁸ 47	26 ³⁶	8 ⁴³	11 ⁴⁰	29 ⁸ 8	9 ⁰ 30	3 ¹²	14 ⁰ 12	15 ¹⁷	29 ¹ 1	27 ²⁷	3 ²¹	2 ^{II} 48	S 2	
M 3	6 49 4	12 ²⁹ 03	19 ²¹	28 ⁹ 9	9 ⁵⁷	12 ¹⁵	29 ²²	9 ²⁶	3 ¹³	14 ¹⁰	15 ¹⁷	29 ² 2	27 ²⁴	3 ²⁷	2 ⁴⁶	M 3	
T 4	6 53 0	13 ³⁰ 12	3 ^{II} 22	29 ⁴²	11 ¹¹	12 ⁵⁰	29 ³⁶	9 ²²	3 ¹⁴	14 ⁹ 9	15 ¹⁷	29 ⁰ R 3	27 ²¹	3 ³⁴	2 ⁴³	T 4	
W 5	6 56 57	14 ³¹ 20	17 ⁵²	1 ^{II} 12	12 ²⁵	13 ²⁶	29 ⁵⁰	9 ¹⁸	3 ¹⁵	14 ⁸ 8	15 ¹⁷	29 ¹ 1	27 ¹⁸	3 ⁴¹	2 ⁴¹	W 5	
T 6	7 0 54	15 ³² 29	2 ^{II} 46	2 ⁴¹	13 ³⁹	14 ¹ 1	0 ^{II} 4	9 ¹⁴	3 ¹⁷	14 ⁶ 6	15 ¹⁷	28 ⁵⁷	27 ¹⁵	3 ⁴⁸	2 ³⁹	T 6	
F 7	7 4 50	16 ³³ 36	17 ⁵⁷	4 ⁷ 7	14 ⁵³	14 ³⁶	0 ¹⁸	9 ⁹ 9	3 ¹⁸	14 ⁵ 5	15 ¹⁷	28 ⁵²	27 ¹¹	3 ⁵⁴	2 ³⁶	F 7	
S 8	7 8 47	17 ³⁴ 44	3 ⁰ 14	5 ³¹	16 ⁷ 7	15 ¹¹	0 ³²	9 ⁵ 5	3 ¹⁹	14 ³ 3	15 ¹⁷	28 ⁴⁴	27 ⁸ 8	4 ¹ 1	2 ³⁴	S 8	
S 9	7 12 43	18 ³⁵ 51	18 ²⁷	6 ⁵¹	17 ²¹	15 ⁴⁷	0 ⁴⁶	9 ¹ 1	3 ²¹	14 ² 2	15 ¹⁸	28 ³⁶	27 ⁵ 5	4 ⁸ 8	2 ³²	S 9	
M10	7 16 40	19 ³⁶ 57	3 ^{II} 26	8 ⁷ 7	18 ³⁵	16 ²²	1 ⁰ 0	8 ⁵⁶	3 ²²	14 ⁰ 0	15 ¹⁸	28 ²⁹	27 ² 2	4 ¹⁴	2 ³⁰	M10	
T 11	7 20 36	20 ³⁸ 04	18 ² 2	9 ¹⁸	19 ⁵⁰	16 ⁵⁸	1 ¹⁴ 14	8 ⁵²	3 ²⁴	13 ⁵⁹	15 ¹⁸	28 ²³	26 ⁵⁹	4 ²¹	2 ²⁸	T 11	
W12	7 24 33	21 ³⁹ 09	2 ^{II} 11	10 ²⁴	21 ⁴ 4	17 ³⁴	1 ²⁸	8 ⁴⁷	3 ²⁵	13 ⁵⁷	15 ¹⁸	28 ¹⁹	26 ⁵⁶	4 ²⁸	2 ²⁶	W12	
T 13	7 28 29	22 ⁴⁰ 15	15 ⁵²	11 ²⁴	22 ¹⁸	18 ⁹ 9	1 ⁴³	8 ⁴³	3 ²⁷	13 ⁵⁶	15 ¹⁹	28 ¹⁷	26 ⁵²	4 ³⁵	2 ²⁴	T 13	
F 14	7 32 26	23 ⁴¹ 20	29 ⁷ 7	12 ¹⁷	23 ³²	18 ⁴⁵	1 ⁵⁷	8 ³⁸	3 ²⁸	13 ⁵⁴	15 ¹⁹	28 ⁰ D17	26 ⁴⁹	4 ⁴¹	2 ²²	F 14	
S 15	7 36 23	24 ⁴² 26	11 ^{II} 59	13 ² 2	24 ⁴⁶	19 ²¹	2 ¹¹	8 ³³	3 ³⁰	13 ⁵³	15 ¹⁹	28 ¹⁷	26 ⁴⁶	4 ⁴⁸	2 ²⁰	S 15	
S 16	7 40 19	25 ⁴³ 30	24 ³²	13 ³⁸	26 ¹ 1	19 ⁵⁷	2 ²⁵	8 ²⁹	3 ³²	13 ⁵¹	15 ²⁰	28 ⁰ R18	26 ⁴³	4 ⁵⁵	2 ¹⁹	S 16	
M17	7 44 16	26 ⁴⁴ 34	6 ^{II} 50	14 ⁴ 4	27 ¹⁵	20 ³³	2 ³⁹	8 ²⁴	3 ³³	13 ⁴⁹	15 ²⁰	28 ¹⁸	26 ⁴⁰	5 ¹ 1	2 ¹⁷	M17	
T 18	7 48 12	27 ⁴⁵ 38	18 ⁵⁷	14 ²¹	28 ²⁹	21 ⁹ 9	2 ⁵⁴	8 ¹⁹	3 ³⁵	13 ⁴⁸	15 ²¹	28 ¹⁶	26 ³⁷	5 ⁸ 8	2 ¹⁵	T 18	
W19	7 52 9	28 ⁴⁶ 41	0 ^{II} 56	14 ⁰ R26	29 ⁴⁴	21 ⁴⁵	3 ⁸ 8	8 ¹⁴	3 ³⁷	13 ⁴⁶	15 ²¹	28 ¹¹	26 ³³	5 ¹⁵	2 ¹⁴	W19	
T 20	7 56 5	29 ⁴⁷ 43	12 ⁵¹	14 ²⁰	0 ^{II} 58	22 ²²	3 ²²	8 ⁹ 9	3 ³⁹	13 ⁴⁵	15 ²¹	28 ³ 3	26 ³⁰	5 ²²	2 ¹²	T 20	
F 21	8 0 2	0 ^{II} 48 ⁴⁵	24 ⁴⁴	14 ³ 3	2 ¹³	22 ⁵⁸	3 ³⁷	8 ⁵ 5	3 ⁴¹	13 ⁴³	15 ²²	27 ⁵²	26 ²⁷	5 ²⁸	2 ¹¹	F 21	
S 22	8 3 58	1 ⁴⁹ 46	6 ^{II} 35	13 ³⁴	3 ²⁷	23 ³⁴	3 ⁵¹	8 ⁰ 0	3 ⁴³	13 ⁴¹	15 ²²	27 ⁴⁰	26 ²⁴	5 ³⁵	2 ¹⁰	S 22	
S 23	8 7 55	2 ⁵⁰ 45	18 ²⁷	12 ⁵⁵	4 ⁴¹	24 ¹¹	4 ⁵ 5	7 ⁵⁵	3 ⁴⁵	13 ⁴⁰	15 ²³	27 ²⁷	26 ²¹	5 ⁴²	2 ⁸ 8	S 23	
M24	8 11 52	3 ⁵¹ 44	0 ^{II} 21	12 ⁵ 5	5 ⁵⁶	24 ⁴⁷	4 ¹⁹	7 ⁵⁰	3 ⁴⁷	13 ³⁸	15 ²⁴	27 ¹⁴	26 ¹⁷	5 ⁴⁸	2 ⁷ 7	M24	
T 25	8 15 48	4 ⁵² 41	12 ¹⁸	11 ⁷ 7	7 ¹⁰	25 ²⁴	4 ³⁴	7 ⁴⁵	3 ⁴⁹	13 ³⁶	15 ²⁴	27 ² 2	26 ¹⁴	5 ⁵⁵	2 ⁶ 6	T 25	
W26	8 19 45	5 ⁵³ 37	24 ²¹	10 ² 2	8 ²⁵	26 ⁰ 0	4 ⁴⁸	7 ⁴⁰	3 ⁵¹	13 ³⁵	15 ²⁵	26 ⁵²	26 ¹¹	6 ² 2	2 ⁵ 5	W26	
T 27	8 23 41	6 ⁵⁴ 32	6 ^{II} 32	8 ⁵³	9 ³⁹	26 ³⁷	5 ² 2	7 ³⁵	3 ⁵³	13 ³³	15 ²⁵	26 ⁴⁵	26 ⁸ 8	6 ⁹ 9	2 ⁴ 4	T 27	
F 28	8 27 38	7 ⁵⁵ 26	18 ⁵⁴	7 ⁴⁰	10 ⁵³	27 ¹⁴	5 ¹⁶	7 ³⁰	3 ⁵⁶	13 ³¹	15 ²⁶	26 ⁴¹	26 ⁵ 5	6 ¹⁵	2 ³ 3	F 28	
S 29	8 31 34	8 ⁵⁶ 18	1 ^{II} 33	6 ²⁶	12 ⁸ 8	27 ⁵⁰	5 ³¹	7 ²⁵	3 ⁵⁸	13 ³⁰	15 ²⁷	26 ³⁹	26 ² 2	6 ²²	2 ³ 3	S 29	
S 30	8 35 31	9 ⁵⁷ 08	14 ³¹	5 ¹⁴	13 ²²	28 ²⁷	5 ⁴⁵	7 ²⁰	4 ⁰ 0	13 ²⁸	15 ²⁷	26 ⁰ D39	25 ⁵⁸	6 ²⁹	2 ² 2	S 30	
M31	8 39 27	10 ⁵⁷ 58	27 ⁵³	4 ^{II} 5	14 ³³ 7	29 ¹⁶ 4	5 ⁵⁵ 9	7 ⁰ 15	4 ^{II} 2	13 ⁰ 26	15 ²⁸	26 ⁰ R39	25 ⁵⁵	6 ^{II} 35	2 ^{II} 1	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	23s 5	6n 0	3s 4	23s 7	1s58	20s 8	1n30	4n38	0n15	20s55	0s30	18n39	0n47	0n38	0s42	16n47	0n11	9s50	17s11	19n59	19n39	24s 2	16n10	4s42	
S 2	23 0	11 33	2 3	22 45	1 54	20 21	1 28	4 53	0 16	20 52	0 30	18 40	0 47	0 38	0 42	16 47	0 11	9 49	17 11	19 59	19 38	24 1	16 10	4 42	
M 3	22 54	16 46	0 52	22 22	1 49	20 35	1 26	5 7	0 18	20 49	0 30	18 42	0 47	0 38	0 42	16 48	0 11	9 49	17 11	19 59	19 37	24 0	16 9	4 42	
T 4	22 48	21 16	0n23	21 57	1 44	20 48	1 23	5 22	0 19	20 46	0 30	18 43	0 47	0 39	0 42	16 48	0 11	9 49	17 10	19 59	19 37	23 59	16 9	4 42	
W 5	22 42	24 36	1 40	21 31	1 38	21 0	1 21	5 37	0 20	20 43	0 30	18 44	0 48	0 39	0 42	16 49	0 11	9 48	17 10	19 59	19 36	23 57	16 9	4 41	
T 6	22 35	26 19	2 52	21 4	1 31	21 12	1 18	5 52	0 21	20 40	0 30	18 45	0 48	0 40	0 42	16 49	0 11	9 48	17 10	19 58	19 35	23 56	16 8	4 41	
F 7	22 28	26 8	3 53	20 36	1 23	21 23	1 16	6 7	0 22	20 37	0 30	18 47	0 48	0 41	0 42	16 49	0 11	9 47	17 9	19 57	19 35	23 55	16 8	4 41	
S 8	22 20	23 58	4 37	20 8	1 14	21 33	1 13	6 21	0 24	20 34	0 30	18 48	0 48	0 41	0 42	16 50	0 11	9 47	17 9	19 55	19 34	23 53	16 8	4 41	
S 9	22 12	20 7	5 2	19 38	1 4	21 43	1 11	6 36	0 25	20 31	0 30	18 49	0 48	0 42	0 42	16 50	0 11	9 47	17 8	19 54	19 33	23 52	16 7	4 41	
M10	22 3	15 1	5 6	19 8	0 53	21 52	1 8	6 51	0 26	20 28	0 30	18 50	0 48	0 42	0 42	16 51	0 12	9 46	17 8	19 52	19 32	23 51	16 7	4 41	
T 11	21 54	9 10	4 49	18 38	0 41	22 1	1 6	7 6	0 27	20 25	0 30	18 52	0 48	0 43	0 42	16 51	0 12	9 46	17 8	19 51	19 32	23 50	16 7	4 40	
W12	21 45	3 2	4 15	18 8	0 29	22 9	1 3	7 20	0 28	20 22	0 30	18 53	0 49	0 44	0 42	16 52	0 12	9 45	17 7	19 50	19 31	23 48	16 7	4 40	
T 13	21 35	3s 4	3 27	17 38	0 15	22 16	1 0	7 35	0 29	20 19	0 30	18 54	0 49	0 44	0 42	16 52	0 12	9 45	17 7	19 49	19 30	23 47	16 7	4 40	
F 14	21 25	8 51	2 30	17 10	0 0	22 23	0 58	7 50	0 30	20 16	0 31	18 56	0 49	0 45	0 42	16 53	0 12	9 44	17 7	19 49	19 29	23 46	16 6	4 40	
S 15	21 14	14 6	1 26	16 42	0n15	22 29	0 55	8 4	0 31	20 13	0 31	18 57	0 49	0 46	0 41	16 53	0 12	9 44	17 6	19 49	19 29	23 44	16 6	4 40	
S 16	21 3	18 37	0 20	16 16	0 31	22 34	0 52	8 19	0 32	20 10	0 31	18 59	0 49	0 46	0 41	16 54	0 12	9 43	17 6	19 50	19 28	23 43	16 6	4 40	
M17	20 51	22 15	0s45	15 52	0 48	22 39	0 49	8 33	0 33	20 7	0 31	19 0	0 49	0 47	0 41	16 54	0 12	9 43	17 6	19 50	19 27	23 41	16 6	4 39	
T 18	20 39	24 50	1 48	15 31	1 6	22 43	0 46	8 48	0 34	20 3	0 31	19 1	0 49	0 48	0 41	16 54	0 12	9 43	17 5	19 49	19 26	23 40	16 6	4 39	
W19	20 27	26 14	2 45	15 12	1 24	22 46	0 44	9 2	0 35	20 0	0 31	19 3	0 49	0 49	0 41	16 55	0 12	9 42	17 5	19 48	19 26	23 39	16 6	4 39	
T 20	20 14	26 25	3 34	14 56	1 42	22 49	0 41	9 17	0 36	19 57	0 31	19 4	0 50	0 49	0 41	16 55	0 12	9 42	17 4	19 46	19 25	23 37	16 6	4 39	
F 21	20 1	25 23	4 14	14 44	2 0	22 50	0 38	9 31	0 37	19 54	0 31	19 5	0 50	0 50	0 41	16 56	0 12	9 41	17 4	19 44	19 24	23 36	16 6	4 39	
S 22	19 48	23 13	4 42	14 36	2 17	22 52	0 35	9 45	0 38	19 50	0 31	19 7	0 50	0 51	0 41	16 56	0 12	9 41	17 4	19 41	19 24	23 35	16 5	4 38	
S 23	19 34	20 3	4 58	14 31	2 34	22 52	0 32	10 0	0 39	19 47	0 31	19 8	0 50	0 52	0 41	16 57	0 12	9 40	17 3	19 38	19 23	23 33	16 5	4 38	
M24	19 20	16 4	5 1	14 30	2 49	22 52	0 30	10 14	0 39	19 44	0 31	19 10	0 50	0 53	0 41	16 57	0 12	9 39	17 3	19 35	19 22	23 32	16 5	4 38	
T 25	19 5	11 27	4 51	14 32	3 3	22 51	0 27	10 28	0 40	19 40	0 31	19 11	0 50	0 53	0 41	16 58	0 12	9 39	17 3	19 32	19 21	23 30	16 5	4 38	
W26	18 50	6 21	4 28	14 38	3 15	22 50	0 24	10 42	0 41	19 37	0 32	19 12	0 50	0 54	0 41	16 58	0 12	9 38	17 2	19 30	19 21	23 29	16 5	4 38	
T 27	18 35	0 58	3 53	14 47	3 25	22 48	0 21	10 56	0 42	19 34	0 32	19 14	0 50	0 55	0 41	16 59	0 12	9 38	17 2	19 28	19 20	23 28	16 5	4 37	
F 28	18 20	4n33	3 6	14 58	3 32	22 45	0 18	11 10	0 43	19 30	0 32	19 15	0 50	0 56	0 41	16 59	0 12	9 37	17 2	19 28	19 19	23 26	16 6	4 37	
S 29	18 4	10 1	2 9	15 12	3 38	22 41	0 15	11 24	0 43	19 27	0 32	19 16	0 51	0 57	0 41	17 0	0 12	9 37	17 1	19 27	19 18	23 25	16 6	4 37	
S 30	17 48	15 13	1 4	15 27	3 40	22 37	0 13	11 38	0 44	19 24	0 32	19 18	0 51	0 58	0 41	17 0	0 12	9 36	17 1	19 27	19 18	23 23	16 6	4 37	
M31	17s31	19n50	0n 7	15s43	3n40	22s32	0n10	11n52	0n45	19s20	0s32	19n19	0n51	0n59	0s41	17n 1	0n12	9s36	17s 1	19n27	19n17	23s22	16n 6	4s36	

ASTRODIENST EPHEMERIS for the year 1594

geocentric

FEBRUARY 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 24	11 ⁵⁸ 45	11 ^{II} 43	3°R 0	15 ³ 51	29 ^Y 41	6 ¹⁴ 14	7°R11	4 ^Y 5	13°R25	15 ^Y 29	26°R39	25 ⁸ 52	6 ⁴² 42	2°R 1	T 1
W 2	8 47 21	12°59'32	26° 1	2 ² 2	17° 6	0 ⁸ 18	6°28	7 ⁶ 6	4° 7	13 ⁶ 23	15°29	26 ⁸ 36	25°49	6°49	2 ^{II} 0	W 2
T 3	8 51 17	14° 0'16	10 ⁵ 46	1°10	18°20	0°55	6°42	7° 1	4°10	13°21	15°30	26°30	25°46	6°56	2° 0	T 3
F 4	8 55 14	15° 1'00	25°53	0°26	19°34	1°32	6°56	6°56	4°12	13°20	15°31	26°22	25°43	7° 2	2° 0	F 4
S 5	8 59 10	16° 1'41	11 ⁶ 12	29 ³ 50	20°49	2° 8	7°10	6°51	4°15	13°18	15°32	26°12	25°39	7° 9	1°59	S 5
S 6	9 3 7	17° 2'22	26°33	29°23	22° 3	2°46	7°25	6°46	4°17	13°16	15°33	26° 0	25°36	7°16	1°59	S 6
M 7	9 7 3	18° 3'00	11 ⁷ 44	29° 3	23°18	3°23	7°39	6°42	4°20	13°15	15°33	25°49	25°33	7°22	1°59	M 7
T 8	9 11 0	19° 3'38	26°34	28°51	24°32	4° 0	7°53	6°37	4°22	13°13	15°34	25°40	25°30	7°29	1°D59	T 8
W 9	9 14 56	20° 4'14	10 ⁶ 57	28°D47	25°47	4°37	8° 7	6°32	4°25	13°11	15°35	25°33	25°27	7°36	1°59	W 9
T 10	9 18 53	21° 4'49	24°50	28°49	27° 1	5°14	8°21	6°27	4°28	13°10	15°36	25°28	25°23	7°43	1°59	T 10
F 11	9 22 50	22° 5'23	8 ^{III} 12	28°59	28°16	5°51	8°35	6°23	4°30	13° 8	15°37	25°26	25°20	7°49	1°59	F 11
S 12	9 26 46	23° 5'55	21° 8	29°14	29°30	6°28	8°49	6°18	4°33	13° 6	15°38	25°26	25°17	7°56	2° 0	S 12
S 13	9 30 43	24° 6'27	3 ⁷ 41	29°36	0 ⁴⁵ 45	7° 5	9° 4	6°14	4°36	13° 5	15°39	25°26	25°14	8° 3	2° 0	S 13
M14	9 34 39	25° 6'57	15°56	0 ⁴⁵ 3	1°59	7°43	9°18	6° 9	4°39	13° 3	15°40	25°25	25°11	8° 9	2° 0	M14
T 15	9 38 36	26° 7'25	27°59	0°35	3°14	8°20	9°32	6° 4	4°42	13° 1	15°41	25°22	25° 8	8°16	2° 1	T 15
W16	9 42 32	27° 7'53	9 ⁸ 53	1°12	4°28	8°57	9°46	6° 0	4°45	13° 0	15°42	25°16	25° 4	8°23	2° 2	W16
T 17	9 46 29	28° 8'18	21°44	1°53	5°43	9°35	10° 0	5°56	4°47	12°58	15°43	25° 7	25° 1	8°30	2° 2	T 17
F 18	9 50 25	29° 8'43	3 ⁸ 34	2°38	6°57	10°12	10°13	5°51	4°50	12°56	15°44	24°56	24°58	8°36	2° 3	F 18
S 19	9 54 22	0 ⁹ 45	15°26	3°26	8°12	10°49	10°27	5°47	4°53	12°55	15°45	24°42	24°55	8°43	2° 4	S 19
S 20	9 58 19	1° 9'26	27°21	4°18	9°26	11°27	10°41	5°43	4°56	12°53	15°46	24°27	24°52	8°50	2° 5	S 20
M21	10 2 15	2° 9'45	9 ⁹ 20	5°13	10°41	12° 4	10°55	5°39	4°59	12°52	15°47	24°12	24°49	8°56	2° 6	M21
T 22	10 6 12	3°10'03	21°26	6°12	11°55	12°42	11° 9	5°35	5° 2	12°50	15°48	23°59	24°45	9° 3	2° 7	T 22
W23	10 10 8	4°10'18	3 ^Y 38	7°12	13°10	13°19	11°23	5°31	5° 5	12°48	15°49	23°48	24°42	9°10	2° 8	W23
T 24	10 14 5	5°10'31	15°58	8°16	14°24	13°56	11°36	5°27	5° 8	12°47	15°50	23°40	24°39	9°17	2° 9	T 24
F 25	10 18 1	6°10'43	28°28	9°21	15°39	14°34	11°50	5°23	5°11	12°45	15°51	23°35	24°36	9°23	2°10	F 25
S 26	10 21 58	7°10'52	11 ⁸ 12	10°29	16°53	15°11	12° 4	5°19	5°15	12°44	15°52	23°32	24°33	9°30	2°11	S 26
S 27	10 25 54	8°11'00	24°11	11°39	18° 8	15°49	12°17	5°15	5°18	12°42	15°53	23°D32	24°29	9°37	2°13	S 27
M28	10 29 51	9 ¹¹ 05	7 ^{II} 29	12 ⁵ 51	19 ²² 22	16 ⁸ 26	12 ³ 31	5 ⁶ 12	5 ^Y 21	12 ⁶ 41	15 ^Y 55	23°R32	24 ⁸ 26	9 ⁴³ 43	2 ^{II} 14	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	17s14	23n33	1n19	15s59	3n38	22s26	0n 7	12n 6	0n46	19s17	0s32	19n20	0n51	1n 0	0s41	T 1
W 2	16 57	25 55	2 29	16 17	3 34	22 20	0 4	12 20	0 47	19 13	0 32	19 22	0 51	1 1	0 41	W 2
T 3	16 40	26 33	3 31	16 34	3 28	22 13	0 1	12 33	0 47	19 10	0 32	19 23	0 51	1 2	0 41	T 3
F 4	16 22	25 16	4 19	16 50	3 21	22 5	0s 1	12 47	0 48	19 6	0 32	19 24	0 51	1 3	0 41	F 4
S 5	16 4	22 6	4 50	17 6	3 12	21 57	0 4	13 0	0 49	19 3	0 33	19 26	0 51	1 4	0 41	S 5
S 6	15 46	17 23	5 0	17 22	3 2	21 48	0 7	13 14	0 49	18 59	0 33	19 27	0 51	1 5	0 41	S 6
M 7	15 27	11 37	4 49	17 36	2 51	21 38	0 10	13 27	0 50	18 56	0 33	19 28	0 51	1 6	0 41	M 7
T 8	15 9	5 19	4 18	17 50	2 40	21 28	0 12	13 40	0 51	18 52	0 33	19 30	0 52	1 7	0 41	T 8
W 9	14 50	1s 6	3 32	18 2	2 28	21 17	0 15	13 54	0 51	18 48	0 33	19 31	0 52	1 8	0 41	W 9
T 10	14 30	7 15	2 34	18 14	2 16	21 5	0 18	14 7	0 52	18 45	0 33	19 32	0 52	1 9	0 41	T 10
F 11	14 11	12 52	1 30	18 24	2 3	20 53	0 20	14 20	0 53	18 41	0 33	19 33	0 52	1 10	0 41	F 11
S 12	13 51	17 43	0 23	18 33	1 51	20 40	0 23	14 33	0 53	18 38	0 33	19 35	0 52	1 12	0 41	S 12
S 13	13 31	21 39	0s43	18 40	1 39	20 27	0 25	14 45	0 54	18 34	0 33	19 36	0 52	1 13	0 41	S 13
M14	13 11	24 30	1 46	18 47	1 26	20 13	0 28	14 58	0 54	18 30	0 33	19 37	0 52	1 14	0 41	M14
T 15	12 50	26 11	2 43	18 52	1 14	19 58	0 30	15 11	0 55	18 27	0 34	19 38	0 52	1 15	0 41	T 15
W16	12 30	26 38	3 31	18 56	1 2	19 43	0 33	15 23	0 55	18 23	0 34	19 39	0 52	1 16	0 40	W16
T 17	12 9	25 52	4 11	18 58	0 50	19 27	0 35	15 36	0 56	18 20	0 34	19 40	0 52	1 17	0 40	T 17
F 18	11 48	23 55	4 39	18 59	0 39	19 11	0 38	15 48	0 57	18 16	0 34	19 42	0 52	1 19	0 40	F 18
S 19	11 27	20 57	4 55	18 59	0 28	18 54	0 40	16 1	0 57	18 12	0 34	19 43	0 52	1 20	0 40	S 19
S 20	11 5	17 5	4 59	18 57	0 17	18 37	0 42	16 13	0 58	18 9	0 34	19 44	0 52	1 21	0 40	S 20
M21	10 44	12 33	4 49	18 54	0 6	18 19	0 44	16 25	0 58	18 5	0 34	19 45	0 52	1 22	0 40	M21
T 22	10 22	7 29	4 26	18 50	0s 4	18 0	0 47	16 37	0 59	18 1	0 34	19 46	0 52	1 23	0 40	T 22
W23	10 0	2 5	3 51	18 44	0 14	17 41	0 49	16 49	0 59	17 58	0 35	19 47	0 52	1 25	0 40	W23
T 24	9 38	3n27	3 4	18 37	0 24	17 22	0 51	17 0	1 0	17 54	0 35	19 48	0 53	1 26	0 40	T 24
F 25	9 16	8 57	2 8	18 29	0 33	17 2	0 53	17 12	1 0	17 50	0 35	19 49	0 53	1 27	0 40	F 25
S 26	8 54	14 12	1 5	18 19	0 42	16 41	0 55	17 24	1 1	17 46	0 35	19 50	0 53	1 28	0 40	S 26
S 27	8 31	18 55	0n 3	18 8	0 50	16 20	0 57	17 35	1 1	17 43	0 35	19 51	0 53	1 30	0 40	S 27
M28	8s 9	22n49	1n13	17s56	0s58	15s59	0s59	17n46	1n 1	17s39	0s35	19n52	0n53	1n31	0s40	M28

Julian Day Number = 2303287.5, Delta T = 97.11 sec

Ecliptic obliquity = 23°29'36, Nutation = - 0°00'13, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 19°04'31, Lahiri = 18°11'32Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1594
geocentric

MARCH 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 33 48	10 ¹¹ 08	21 ¹¹ 9	14 ¹¹ 5	20 ¹¹ 37	17 ¹¹ 4	12 ¹¹ 44	5°R 8	5°Y24	12°R39	15°Y56	23°R32	24 ¹¹ 23	9 ¹¹ 50	2 ¹¹ 16	T 1
W 2	10 37 44	11°11'09	5 ¹¹ 13	15°20	21°51	17°42	12°58	5 ¹¹ 5	5°27	12 ¹¹ 38	15°57	23 ¹¹ 30	24°20	9°57	2°18	W 2
T 3	10 41 41	12°11'08	19°41	16°38	23°5	18°19	13°11	5°1	5°30	12°37	15°58	23°25	24°17	10°4	2°19	T 3
F 4	10 45 37	13°11'04	4 ¹¹ 29	17°57	24°20	18°57	13°25	4°58	5°34	12°35	15°59	23°18	24°14	10°10	2°21	F 4
S 5	10 49 34	14°10'59	19°32	19°17	25°34	19°34	13°38	4°55	5°37	12°34	16°1	23°9	24°10	10°17	2°23	S 5
S 6	10 53 30	15°10'51	4 ¹¹ 40	20°39	26°49	20°12	13°51	4°51	5°40	12°32	16°2	22°58	24°7	10°24	2°25	S 6
M 7	10 57 27	16°10'41	19°44	22°3	28°3	20°50	14°4	4°48	5°43	12°31	16°3	22°48	24°4	10°31	2°27	M 7
T 8	11 1 23	17°10'29	4 ¹¹ 33	23°28	29°18	21°27	14°17	4°45	5°47	12°30	16°4	22°39	24°1	10°37	2°29	T 8
W 9	11 5 20	18°10'15	18°59	24°54	0 ¹¹ 32	22°5	14°31	4°42	5°50	12°28	16°6	22°33	23°58	10°44	2°31	W 9
T 10	11 9 17	19°10'00	2 ¹¹ 57	26°22	1°46	22°42	14°44	4°40	5°53	12°27	16°7	22°29	23°55	10°51	2°33	T 10
F 11	11 13 13	20°9'42	16°27	27°51	3°1	23°20	14°57	4°37	5°57	12°26	16°8	22°D27	23°51	10°57	2°35	F 11
S 12	11 17 10	21°9'23	29°30	29°21	4°15	23°58	15°10	4°34	6°0	12°25	16°10	22°27	23°48	11°4	2°38	S 12
S 13	11 21 6	22°9'02	12 ¹¹ 8	0 ¹¹ 53	5°30	24°35	15°22	4°32	6°3	12°23	16°11	22°28	23°45	11°11	2°40	S 13
M14	11 25 3	23°8'40	24°27	2°26	6°44	25°13	15°35	4°29	6°7	12°22	16°12	22°R28	23°42	11°18	2°42	M14
T 15	11 28 59	24°8'16	6 ¹¹ 32	4°1	7°58	25°51	15°48	4°27	6°10	12°21	16°13	22°27	23°39	11°24	2°45	T 15
W16	11 32 56	25°7'49	18°27	5°36	9°13	26°28	16°1	4°25	6°13	12°20	16°15	22°24	23°35	11°31	2°48	W16
T 17	11 36 52	26°7'21	0 ¹¹ 18	7°13	10°27	27°6	16°13	4°23	6°17	12°19	16°16	22°19	23°32	11°38	2°50	T 17
F 18	11 40 49	27°6'52	12°9	8°52	11°41	27°44	16°26	4°21	6°20	12°18	16°17	22°12	23°29	11°44	2°53	F 18
S 19	11 44 46	28°6'20	24°3	10°31	12°56	28°21	16°38	4°19	6°24	12°17	16°19	22°2	23°26	11°51	2°56	S 19
S 20	11 48 42	29°5'46	6 ¹¹ 2	12°12	14°10	28°59	16°51	4°17	6°27	12°15	16°20	21°52	23°23	11°58	2°58	S 20
M21	11 52 39	0 ¹¹ Y 5'11	18°9	13°54	15°24	29°37	17°3	4°15	6°30	12°14	16°22	21°42	23°20	12°5	3°1	M21
T 22	11 56 35	1°4'33	0 ¹¹ Y25	15°38	16°39	0 ¹¹ 14	17°15	4°14	6°34	12°13	16°23	21°32	23°16	12°11	3°4	T 22
W23	12 0 32	2°3'53	12°51	17°23	17°53	0°52	17°27	4°12	6°37	12°12	16°24	21°25	23°13	12°18	3°7	W23
T 24	12 4 28	3°3'11	25°27	19°9	19°7	1°30	17°39	4°11	6°41	12°12	16°26	21°19	23°10	12°25	3°10	T 24
F 25	12 8 25	4°2'27	8 ¹¹ 14	20°57	20°22	2°7	17°51	4°9	6°44	12°11	16°27	21°16	23°7	12°31	3°13	F 25
S 26	12 12 21	5°1'41	21°13	22°46	21°36	2°45	18°3	4°8	6°48	12°10	16°28	21°D16	23°4	12°38	3°17	S 26
S 27	12 16 18	6°0'53	4 ¹¹ 25	24°36	22°50	3°23	18°15	4°7	6°51	12°9	16°30	21°16	23°0	12°45	3°20	S 27
M28	12 20 14	7°0'02	17°51	26°28	24°4	4°0	18°27	4°6	6°54	12°8	16°31	21°17	22°57	12°52	3°23	M28
T 29	12 24 11	7°59'09	1 ¹¹ 32	28°21	25°19	4°38	18°39	4°5	6°58	12°7	16°33	21°R18	22°54	12°58	3°27	T 29
W30	12 28 8	8°58'14	15°30	0 ¹¹ Y16	26°33	5°16	18°50	4°5	7°1	12°6	16°34	21°18	22°51	13°5	3°30	W30
T 31	12 32 4	9°Y57'16	29 ¹¹ 44	2°Y12	27°Y47	5°1154	19 ¹¹ 2	4°14	7°Y5	12°12	16°Y35	21°Y17	22°Y48	13°Y12	3°Y33	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	7s46	25n32	2n21	17s42	1s6	15s37	1s1	17n57	1n2	17s35	0s35	19n53	0n53	1n32	0s40	17n14
W 2	7 23	26 45	3 22	17 27	1 14	15 14	1 2	18 9	1 2	17 32	0 35	19 54	0 53	1 33	0 40	17 15
T 3	7 0	26 12	4 12	17 10	1 21	14 52	1 4	18 20	1 3	17 28	0 36	19 55	0 53	1 35	0 40	17 15
F 4	6 37	23 48	4 46	16 52	1 27	14 29	1 6	18 30	1 3	17 24	0 36	19 55	0 53	1 36	0 40	17 16
S 5	6 14	19 45	5 1	16 33	1 34	14 5	1 8	18 41	1 3	17 21	0 36	19 56	0 53	1 37	0 40	17 16
S 6	5 51	14 24	4 56	16 13	1 39	13 41	1 9	18 52	1 4	17 17	0 36	19 57	0 53	1 39	0 40	17 17
M 7	5 28	8 12	4 30	15 51	1 45	13 17	1 11	19 2	1 4	17 13	0 36	19 58	0 53	1 40	0 40	17 17
T 8	5 5	1 39	3 46	15 27	1 50	12 52	1 12	19 12	1 5	17 9	0 36	19 59	0 53	1 41	0 40	17 17
W 9	4 41	4s51	2 48	15 3	1 55	12 27	1 14	19 23	1 5	17 6	0 36	19 59	0 53	1 43	0 40	17 18
T 10	4 18	10 56	1 42	14 37	1 59	12 2	1 15	19 33	1 5	17 2	0 37	20 0	0 53	1 44	0 40	17 18
F 11	3 54	16 17	0 32	14 10	2 3	11 36	1 16	19 43	1 6	16 58	0 37	20 1	0 53	1 45	0 40	17 18
S 12	3 31	20 42	0s38	13 41	2 6	11 10	1 17	19 52	1 6	16 55	0 37	20 1	0 53	1 47	0 40	17 19
S 13	3 7	24 0	1 43	13 12	2 9	10 44	1 19	20 2	1 6	16 51	0 37	20 2	0 53	1 48	0 40	17 19
M14	2 44	26 5	2 42	12 40	2 12	10 18	1 20	20 11	1 7	16 47	0 37	20 3	0 53	1 49	0 40	17 19
T 15	2 20	26 53	3 33	12 8	2 14	9 51	1 21	20 21	1 7	16 44	0 37	20 3	0 53	1 51	0 40	17 20
W16	1 56	26 24	4 14	11 34	2 15	9 24	1 22	20 30	1 7	16 40	0 37	20 4	0 53	1 52	0 40	17 20
T 17	1 33	24 44	4 43	10 59	2 17	8 56	1 23	20 39	1 8	16 36	0 38	20 4	0 53	1 53	0 40	17 20
F 18	1 9	21 59	5 0	10 23	2 17	8 29	1 23	20 48	1 8	16 33	0 38	20 5	0 53	1 55	0 40	17 21
S 19	0 45	18 19	5 5	9 46	2 18	8 1	1 24	20 57	1 8	16 29	0 38	20 5	0 53	1 56	0 40	17 21
S 20	0 22	13 54	4 56	9 7	2 18	7 33	1 25	21 5	1 9	16 26	0 38	20 6	0 53	1 57	0 40	17 21
M21	0n 2	8 53	4 34	8 27	2 17	7 5	1 25	21 14	1 9	16 22	0 38	20 6	0 53	1 59	0 40	17 22
T 22	0 26	3 28	3 58	7 46	2 16	6 36	1 26	21 22	1 9	16 18	0 38	20 6	0 53	2 0	0 40	17 22
W23	0 49	2n 9	3 11	7 3	2 14	6 8	1 27	21 31	1 9	16 15	0 38	20 7	0 53	2 1	0 40	17 22
T 24	1 13	7 47	2 14	6 20	2 12	5 39	1 27	21 39	1 10	16 11	0 39	20 7	0 53	2 3	0 40	17 23
F 25	1 37	13 11	1 10	5 35	2 10	5 10	1 27	21 46	1 10	16 8	0 39	20 7	0 53	2 4	0 40	17 23
S 26	2 0	18 6	0 0	4 49	2 7	4 41	1 28	21 54	1 10	16 4	0 39	20 8	0 53	2 6	0 40	17 23
S 27	2 24	22 14	1n10	4 2	2 3	4 12	1 28	22 2	1 10	16 1	0 39	20 8	0 53	2 7	0 40	17 23
M28	2 47	25 14	2 19	3 14	1 59	3 42	1 28	22 9	1 11	15 57	0 39	20 8	0 53	2 8	0 40	17 24
T 29	3 10	26 49	3 20	2 24	1 54	3 13	1 28	22 16	1 11	15 54	0 39	20 8	0 53	2 10	0 40	17 24
W30	3 34	26 45	4 11	1 34	1 49	2 44	1 28	22 24	1 11	15 50	0 40	20 9	0 53	2 11	0 40	17 24
T 31	3n57	24n56	4n48	0s43	1s44	2s14	1s28	22n31	1n11	15s47	0s40	20n 9	0n53	2n12	0s40	17n24

Julian Day Number = 2303315.5, Delta T = 97.00 sec
Ecliptic obliquity = 23°29'37", Nutation = - 0°00'13", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 19°04'35", Lahiri = 18°11'35"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1594

geocentric

APRIL 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 36 1	10°56'16	14°13	4°9	29°1	6°11	19°13	4°R 3	7°8	12°R 5	16°37	21°R13	22°45	13°19	3°11	F 1
S 2	12 39 57	11°55'13	28°51	6°8	0°16	7°9	19°25	4°R 3	7°12	12°R 4	16°38	21°R 9	22°41	13°25	3°40	S 2
S 3	12 43 54	12°54'08	13°34	8°8	1°30	7°47	19°36	4°3	7°15	12°4	16°40	21°3	22°38	13°32	3°44	S 3
M 4	12 47 50	13°53'01	28°14	10°9	2°44	8°24	19°47	4°2	7°18	12°3	16°41	20°57	22°35	13°39	3°48	M 4
T 5	12 51 47	14°51'52	12°44	12°11	3°58	9°2	19°58	4°D 2	7°22	12°2	16°42	20°52	22°32	13°45	3°51	T 5
W 6	12 55 43	15°50'41	26°58	14°15	5°12	9°40	20°9	4°2	7°25	12°2	16°44	20°49	22°29	13°52	3°55	W 6
T 7	12 59 40	16°49'27	10°50	16°19	6°26	10°17	20°20	4°2	7°29	12°1	16°45	20°47	22°26	13°59	3°59	T 7
F 8	13 3 37	17°48'12	24°18	18°25	7°41	10°55	20°31	4°3	7°32	12°1	16°47	20°D46	22°22	14°6	4°3	F 8
S 9	13 7 33	18°46'56	7°12	20°31	8°55	11°33	20°41	4°3	7°36	12°0	16°48	20°47	22°19	14°12	4°7	S 9
S 10	13 11 30	19°45'37	20°5	22°37	10°9	12°11	20°52	4°3	7°39	12°0	16°50	20°49	22°16	14°19	4°11	S 10
M 11	13 15 26	20°44'17	2°28	24°44	11°23	12°48	21°2	4°4	7°42	12°0	16°51	20°50	22°13	14°26	4°15	M 11
T 12	13 19 23	21°42'55	14°36	26°51	12°37	13°26	21°13	4°5	7°46	11°59	16°52	20°52	22°10	14°32	4°19	T 12
W 13	13 23 19	22°41'31	26°35	28°58	13°51	14°4	21°23	4°5	7°49	11°59	16°54	20°R52	22°6	14°39	4°23	W 13
T 14	13 27 16	23°40'06	8°28	1°8	15°5	14°41	21°33	4°6	7°52	11°58	16°55	20°51	22°3	14°46	4°27	T 14
F 15	13 31 12	24°38'39	20°20	3°10	16°19	15°19	21°43	4°7	7°56	11°58	16°57	20°48	22°0	14°53	4°31	F 15
S 16	13 35 9	25°37'10	2°17	5°14	17°33	15°57	21°53	4°8	7°59	11°58	16°58	20°45	21°57	14°59	4°35	S 16
S 17	13 39 6	26°35'39	14°20	7°17	18°47	16°34	22°3	4°10	8°2	11°58	16°59	20°41	21°54	15°6	4°39	S 17
M 18	13 43 2	27°34'07	26°34	9°18	20°1	17°12	22°12	4°11	8°6	11°58	17°1	20°38	21°51	15°13	4°44	M 18
T 19	13 46 59	28°32'33	9°0	11°17	21°16	17°50	22°22	4°12	8°9	11°57	17°2	20°34	21°47	15°20	4°48	T 19
W 20	13 50 55	29°30'57	21°40	13°14	22°30	18°27	22°31	4°14	8°12	11°57	17°4	20°31	21°44	15°26	4°52	W 20
T 21	13 54 52	0°29'19	4°35	15°8	23°44	19°5	22°41	4°15	8°15	11°57	17°5	20°29	21°41	15°33	4°57	T 21
F 22	13 58 48	1°27'40	17°43	16°59	24°58	19°43	22°50	4°17	8°19	11°57	17°6	20°D29	21°38	15°40	5°1	F 22
S 23	14 2 45	2°25'58	1°11	18°47	26°12	20°20	22°59	4°19	8°22	11°D57	17°8	20°29	21°35	15°46	5°6	S 23
S 24	14 6 41	3°24'15	14°39	20°32	27°26	20°58	23°8	4°21	8°25	11°57	17°9	20°30	21°32	15°53	5°10	S 24
M 25	14 10 38	4°22'30	28°25	22°13	28°40	21°36	23°17	4°23	8°28	11°57	17°10	20°31	21°28	16°0	5°15	M 25
T 26	14 14 35	5°20'43	12°21	23°50	29°54	22°13	23°25	4°25	8°31	11°57	17°12	20°32	21°25	16°7	5°19	T 26
W 27	14 18 31	6°18'54	26°25	25°24	1°8	22°51	23°34	4°27	8°34	11°57	17°13	20°33	21°22	16°13	5°24	W 27
T 28	14 22 28	7°17'02	10°37	26°54	2°21	23°29	23°42	4°30	8°38	11°58	17°15	20°R33	21°19	16°20	5°28	T 28
F 29	14 26 24	8°15'09	24°53	28°19	3°35	24°6	23°51	4°32	8°41	11°58	17°16	20°33	21°16	16°27	5°33	F 29
S 30	14 30 21	9°13'13	9°10	29°41	4°49	24°14	23°59	4°35	8°44	11°58	17°17	20°32	21°12	16°33	5°38	S 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	
F 1	4n20	21n30	5n 7	0n10	1s38	1s44	1s28	22n37	1n12	15s44	0s40	20n 9	0n53	2n14	0s40	F 1
S 2	4 43	16 41	5 7	1 3	1 31	1 15	1 28	22 44	1 12	15 40	0 40	20 9	0 53	2 15	0 40	S 2
S 3	5 6	10 52	4 46	1 57	1 24	0 45	1 28	22 50	1 12	15 37	0 40	20 9	0 53	2 16	0 40	S 3
M 4	5 29	4 29	4 7	2 52	1 16	0 15	1 28	22 57	1 12	15 33	0 41	20 9	0 53	2 18	0 40	M 4
T 5	5 52	2s 6	3 12	3 47	1 8	0n15	1 27	23 3	1 12	15 30	0 41	20 9	0 53	2 19	0 40	T 5
W 6	6 15	8 27	2 6	4 43	0 59	0 45	1 27	23 9	1 12	15 27	0 41	20 9	0 53	2 20	0 40	W 6
T 7	6 38	14 15	0 54	5 39	0 50	1 14	1 26	23 14	1 13	15 24	0 41	20 9	0 53	2 22	0 40	T 7
F 8	7 0	19 12	0s19	6 36	0 41	1 44	1 26	23 20	1 13	15 20	0 41	20 9	0 53	2 23	0 40	F 8
S 9	7 22	23 4	1 29	7 33	0 31	2 14	1 25	23 25	1 13	15 17	0 41	20 9	0 53	2 24	0 40	S 9
S 10	7 45	25 40	2 33	8 30	0 21	2 44	1 25	23 31	1 13	15 14	0 42	20 9	0 53	2 26	0 40	S 10
M 11	8 7	26 57	3 28	9 26	0 11	3 14	1 24	23 36	1 13	15 11	0 42	20 9	0 53	2 27	0 40	M 11
T 12	8 29	26 53	4 13	10 22	0n 0	3 43	1 23	23 41	1 13	15 8	0 42	20 9	0 53	2 28	0 40	T 12
W 13	8 51	25 33	4 46	11 18	0 11	4 13	1 22	23 45	1 14	15 4	0 42	20 8	0 53	2 30	0 40	W 13
T 14	9 13	23 6	5 6	12 13	0 22	4 42	1 21	23 50	1 14	15 1	0 42	20 8	0 53	2 31	0 40	T 14
F 15	9 34	19 41	5 13	13 6	0 33	5 12	1 20	23 54	1 14	14 58	0 43	20 8	0 53	2 32	0 40	F 15
S 16	9 56	15 27	5 7	13 59	0 44	5 41	1 19	23 59	1 14	14 55	0 43	20 8	0 53	2 34	0 40	S 16
S 17	10 17	10 35	4 47	14 50	0 54	6 10	1 18	24 3	1 14	14 52	0 43	20 7	0 53	2 35	0 40	S 17
M 18	10 38	5 15	4 14	15 39	1 5	6 39	1 17	24 6	1 14	14 49	0 43	20 7	0 53	2 36	0 40	M 18
T 19	10 59	0n23	3 29	16 27	1 15	7 8	1 16	24 10	1 14	14 46	0 43	20 7	0 53	2 38	0 40	T 19
W 20	11 20	6 7	2 32	17 12	1 25	7 37	1 15	24 14	1 15	14 44	0 44	20 6	0 53	2 39	0 40	W 20
T 21	11 40	11 43	1 26	17 55	1 35	8 5	1 14	24 17	1 15	14 41	0 44	20 6	0 53	2 40	0 40	T 21
F 22	12 1	16 55	0 15	18 36	1 44	8 34	1 12	24 20	1 15	14 38	0 44	20 6	0 53	2 41	0 40	F 22
S 23	12 21	21 22	0n58	19 15	1 52	9 2	1 11	24 23	1 15	14 35	0 44	20 5	0 53	2 43	0 40	S 23
S 24	12 41	24 45	2 9	19 51	2 0	9 30	1 9	24 26	1 15	14 32	0 45	20 5	0 53	2 44	0 40	S 24
M 25	13 0	26 43	3 14	20 25	2 7	9 58	1 8	24 28	1 15	14 30	0 45	20 4	0 53	2 45	0 40	M 25
T 26	13 20	27 3	4 9	20 56	2 13	10 26	1 6	24 31	1 15	14 27	0 45	20 4	0 53	2 46	0 40	T 26
W 27	13 39	25 38	4 48	21 24	2 19	10 53	1 5	24 33	1 15	14 24	0 45	20 3	0 53	2 48	0 40	W 27
T 28	13 58	22 36	5 11	21 50	2 24	11 20	1 3	24 35	1 15	14 22	0 45	20 3	0 53	2 49	0 40	T 28
F 29	14 17	18 12	5 15	22 14	2 28	11 47	1 1	24 37	1 15	14 19	0 46	20 2	0 53	2 50	0 40	F 29
S 30	14n36	12n46	4n59	22n35	2n31	12n13	1s 0	24n39	1n15	14s17	0s46	20n 1	0n53	2n51	0s40	S 30

Julian Day Number = 2303346.5, Delta T = 96.88 sec

Ecliptic obliquity = 23°29'37", Nutation = - 0°00'14", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 19°04'39", Lahiri = 18°11'40"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1594

geocentric

MAY 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 34 17	10♈11'16	23♎27	0♊59	6♋3	25♊22	24♋7	4♎37	8♏47	11♏58	17♏19	20♏R31	21♏9	16♋40	5♊42	S 1
M 2	14 38 14	11° 9'16	7♊38	2°12	7°17	25°59	24°15	4°40	8°50	11°59	17°20	20♏29	21° 6	16°47	5°47	M 2
T 3	14 42 10	12° 7'15	21°41	3°21	8°31	26°37	24°23	4°43	8°53	11°59	17°21	20°28	21° 3	16°54	5°52	T 3
W 4	14 46 7	13° 5'12	5♊30	4°25	9°45	27°14	24°30	4°46	8°56	11°59	17°22	20°28	21° 0	17° 0	5°57	W 4
T 5	14 50 4	14° 3'08	19° 3	5°25	10°59	27°52	24°38	4°49	8°59	12° 0	17°24	20°D28	20°57	17° 7	6° 1	T 5
F 6	14 54 0	15° 1'02	2♊19	6°21	12°13	28°30	24°45	4°52	9° 2	12° 0	17°25	20°28	20°53	17°14	6° 6	F 6
S 7	14 57 57	15°58'55	15°16	7°12	13°26	29° 7	24°52	4°55	9° 5	12° 0	17°26	20°28	20°50	17°21	6°11	S 7
S 8	15 1 53	16°56'46	27°55	7°58	14°40	29°45	24°59	4°59	9° 8	12° 1	17°28	20°28	20°47	17°27	6°16	S 8
M 9	15 5 50	17°54'36	10♈19	8°40	15°54	0♈22	25° 6	5° 2	9°10	12° 1	17°29	20°29	20°44	17°34	6°21	M 9
T 10	15 9 46	18°52'24	22°28	9°17	17° 8	1° 0	25°13	5° 5	9°13	12° 2	17°30	20°29	20°41	17°41	6°26	T 10
W11	15 13 43	19°50'12	4♋29	9°49	18°22	1°38	25°19	5° 9	9°16	12° 3	17°31	20°29	20°38	17°47	6°31	W11
T 12	15 17 39	20°47'58	16°23	10°16	19°36	2°15	25°26	5°13	9°19	12° 3	17°32	20°29	20°34	17°54	6°36	T 12
F 13	15 21 36	21°45'43	28°17	10°39	20°50	2°53	25°32	5°17	9°22	12° 4	17°34	20°29	20°31	18° 1	6°41	F 13
S 14	15 25 33	22°43'27	10♈14	10°56	22° 3	3°30	25°38	5°20	9°24	12° 4	17°35	20°29	20°28	18° 8	6°45	S 14
S 15	15 29 29	23°41'09	22°19	11° 9	23°17	4° 8	25°44	5°24	9°27	12° 5	17°36	20°29	20°25	18°14	6°50	S 15
M16	15 33 26	24°38'51	4♏36	11°17	24°31	4°46	25°50	5°28	9°30	12° 6	17°37	20°30	20°22	18°21	6°55	M16
T 17	15 37 22	25°36'31	17° 9	11°R20	25°45	5°23	25°55	5°32	9°32	12° 7	17°38	20°30	20°18	18°28	7° 0	T 17
W18	15 41 19	26°34'11	29°59	11°18	26°59	6° 1	26° 1	5°37	9°35	12° 7	17°40	20°31	20°15	18°35	7° 6	W18
T 19	15 45 15	27°31'49	13♈9	11°12	28°12	6°38	26° 6	5°41	9°37	12° 8	17°41	20°31	20°12	18°41	7°11	T 19
F 20	15 49 12	28°29'26	26°38	11° 2	29°26	7°16	26°11	5°45	9°40	12° 9	17°42	20°R31	20° 9	18°48	7°16	F 20
S 21	15 53 8	29°27'02	10♊25	10°47	0♊40	7°54	26°16	5°50	9°42	12°10	17°43	20°31	20° 6	18°55	7°21	S 21
S 22	15 57 5	0♊24'37	24°27	10°29	1°54	8°31	26°21	5°54	9°45	12°11	17°44	20°30	20° 3	19° 1	7°26	S 22
M23	16 1 2	1°22'11	8♈39	10° 7	3° 7	9° 9	26°26	5°59	9°47	12°12	17°45	20°29	19°59	19° 8	7°31	M23
T 24	16 4 58	2°19'43	22°59	9°41	4°21	9°46	26°30	6° 4	9°50	12°13	17°46	20°27	19°56	19°15	7°36	T 24
W25	16 8 55	3°17'14	7♎21	9°14	5°35	10°24	26°34	6° 8	9°52	12°14	17°47	20°26	19°53	19°22	7°41	W25
T 26	16 12 51	4°14'44	21°41	8°44	6°49	11° 2	26°38	6°13	9°54	12°15	17°48	20°25	19°50	19°28	7°46	T 26
F 27	16 16 48	5°12'12	5♎55	8°12	8° 2	11°39	26°42	6°18	9°57	12°16	17°49	20°D25	19°47	19°35	7°51	F 27
S 28	16 20 44	6° 9'38	20° 2	7°39	9°16	12°17	26°46	6°23	9°59	12°17	17°50	20°25	19°44	19°42	7°56	S 28
S 29	16 24 41	7° 7'04	4♎0	7° 5	10°30	12°54	26°50	6°28	10° 1	12°18	17°51	20°26	19°40	19°48	8° 1	S 29
M30	16 28 37	8° 4'28	17°47	6°32	11°44	13°32	26°53	6°33	10° 3	12°19	17°52	20°27	19°37	19°55	8° 7	M30
T 31	16 32 34	9♊1'51	1♎22	5♊59	12♊57	14♈9	26°56	6♎39	10♏6	12♎21	17♏53	20♏29	19♏34	20°2	8♊12	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
S 1	14n54	6n40	4n25	22n54	2n33	12n40	0s58	24n40	1n15	14s14	0s46	20n 1	0n53	2n53	0s40	17n26	0n12	8s45	16s50	17n55	18n 5	20s46	17n 2	4s20					
M 2	15 13	0 15	3 35	23 10	2 34	13 5	0 56	24 41	1 16	14 12	0 46	20 0	0 53	2 54	0 40	17 26	0 12	8 44	16 50	17 55	18 4	20 44	17 3	4 20					
T 3	15 30	6s 6	2 33	23 24	2 35	13 31	0 54	24 43	1 16	14 9	0 47	19 59	0 53	2 55	0 40	17 26	0 12	8 44	16 50	17 54	18 4	20 42	17 4	4 20					
W 4	15 48	12 6	1 22	23 36	2 34	13 56	0 52	24 44	1 16	14 7	0 47	19 59	0 53	2 56	0 40	17 26	0 12	8 44	16 50	17 54	18 3	20 40	17 5	4 20					
T 5	16 6	17 24	0 8	23 45	2 33	14 21	0 50	24 44	1 16	14 5	0 47	19 58	0 53	2 57	0 40	17 26	0 12	8 43	16 50	17 54	18 2	20 38	17 6	4 20					
F 6	16 23	21 44	1s 5	23 53	2 30	14 46	0 48	24 45	1 16	14 3	0 47	19 57	0 53	2 58	0 40	17 26	0 12	8 43	16 51	17 54	18 1	20 35	17 6	4 20					
S 7	16 40	24 53	2 13	23 58	2 26	15 10	0 46	24 45	1 16	14 0	0 47	19 56	0 53	2 59	0 40	17 26	0 12	8 43	16 51	17 54	18 0	20 33	17 7	4 20					
S 8	16 56	26 42	3 13	24 1	2 22	15 34	0 44	24 45	1 16	13 58	0 48	19 56	0 53	3 1	0 40	17 26	0 12	8 42	16 51	17 54	17 59	20 31	17 8	4 20					
M 9	17 12	27 7	4 2	24 2	2 16	15 58	0 42	24 45	1 16	13 56	0 48	19 55	0 53	3 2	0 40	17 26	0 12	8 42	16 51	17 55	17 59	20 29	17 9	4 20					
T 10	17 28	26 13	4 40	24 1	2 9	16 21	0 40	24 45	1 16	13 54	0 48	19 54	0 53	3 3	0 40	17 25	0 12	8 42	16 51	17 55	17 58	20 27	17 10	4 20					
W11	17 44	24 7	5 5	23 59	2 2	16 43	0 38	24 45	1 16	13 52	0 48	19 53	0 53	3 4	0 40	17 25	0 12	8 41	16 51	17 55	17 57	20 25	17 10	4 20					
T 12	18 0	20 59	5 16	23 54	1 53	17 6	0 36	24 44	1 16	13 50	0 49	19 52	0 53	3 5	0 40	17 25	0 12	8 41	16 52	17 55	17 56	20 23	17 11	4 20					
F 13	18 15	17 0	5 14	23 48	1 43	17 27	0 34	24 44	1 16	13 48	0 49	19 51	0 53	3 6	0 40	17 25	0 12	8 41	16 52	17 55	17 55	20 21	17 12	4 20					
S 14	18 30	12 21	4 58	23 39	1 32	17 49	0 32	24 43	1 16	13 47	0 49	19 50	0 53	3 7	0 40	17 25	0 12	8 41	16 52	17 55	17 54	20 19	17 13	4 20					
S 15	18 44	7 11	4 29	23 30	1 21	18 10	0 29	24 42	1 16	13 45	0 49	19 49	0 53	3 8	0 40	17 25	0 13	8 40	16 52	17 55	17 54	20 17	17 14	4 20					
M16	18 58	1 39	3 48	23 18	1 8	18 30	0 27	24 40	1 16	13 43	0 50	19 48	0 53	3 9	0 40	17 24	0 13	8 40	16 52	17 55	17 53	20 15	17 14	4 20					
T 17	19 12	4n 4	2 54	23 5	0 54	18 50	0 25	24 39	1 16	13 41	0 50	19 47	0 53	3 10	0 40	17 24	0 13	8 40	16 53	17 55	17 52	20 13	17 15	4 20					
W18	19 26	9 46	1 51	22 51	0 40	19 10	0 23	24 37	1 16	13 40	0 50	19 46	0 53	3 11	0 40	17 24	0 13	8 40	16 53	17 55	17 51	20 11	17 16	4 20					
T 19	19 39	15 11	0 41	22 35	0 25	19 29	0 20	24 35	1 16	13 38	0 50	19 45	0 53	3 12	0 40	17 24	0 13	8 39	16 53	17 55	17 50	20 8	17 17	4 20					
F 20	19 52	20 0	0n34	22 18	0 9	19 47	0 18	24 34	1 16	13 37	0 51	19 44	0 53	3 13	0 40	17 23	0 13	8 39	16 53	17 55	17 49	20 6	17 18	4 20					
S 21	20 5	23 50	1 48	22 0	0s 7	20 5	0 16	24 31	1 16	13 35	0 51	19 43	0 53	3 14	0 40	17 23	0 13	8 39	16 53	17 55	17 48	20 4	17 18	4 20					
S 22	20 17	26 19	2 57	21 40	0 24	20 22	0 13	24 29	1 16	13 34	0 51	19 42	0 53	3 15	0 40	17 23	0 13	8 39	16 54	17 55	17 48	20 2	17 19	4 20					
M23	20 29	27 8	3 56	21 20	0 41	20 39	0 11	24 26	1 16	13 33	0 51	19 41	0 53	3 16	0 40	17 23	0 13	8 39	16 54	17 55	17 47	20 0	17 20	4 20					
T 24	20 40	26 8	4 40	20 59	0 59	20 55	0 9	24 24	1 16	13 31	0 52	19 39	0 53	3 17	0 40	17 22	0 13	8 38	16 54	17 54	17 46	19 58	17 21	4 20					
W25	20 52	23 26	5 8	20 38	1 16	21 11	0 6	24 21	1 16	13 30	0 52	19 38	0 53	3 18	0 41	17 22	0 13	8 38	16 54	17 54	17 45	19 56	17 21	4 20					
T 26	21 3	19 17	5 16	20 16	1 34	21 26	0 4	24 18	1 16	13 29	0 52	19 37	0 53	3 19	0 41	17 22	0 13	8 38	16 55	17 54	17 44	19 54	17 22	4 20					
F 27	21 13	14 4	5 4	19 54	1 51	21 40	0 1	24 14	1 16	13 28	0 53	19 36	0 53	3 20	0 41	17 22	0 13	8 38	16 55	17 54	17 43	19 51	17 23	4 21					
S 28	21 23	8 10	4 35	19 32	2 7	21 54	0n 1	24 11	1 16	13 27	0 53	19 35	0 53	3 20	0 41	17 21	0 13	8 38	16 55	17 54	17 42	19 49	17 24	4 21					
S 29	21 33	1 54	3 49	19 11	2 23	22 8	0 3	24 7	1 16	13 26	0 53	19 33	0 53	3 21	0 41	17 21	0 13	8 38	16 55	17 54	17 42	19 47	17 24	4 21					
M30	21 42	4s22	2 51	18 50	2 29	22 20	0 6	24 4	1 16	13 25	0 53	19 32	0 53	3 22	0 41	17 21	0 13	8 38	16 56	17 54	17 41	19 45	17 25	4 21					
T 31	21n51	10s22	1n43	18n30	2s53	22n32	0n 8	24n 0	1n16	13s24	0s54	19n31	0n53	3n23	0s41	17n20	0n13	8s37	16s56	17n55	17n40	19s43	17n26	4s21					

ASTRODIENST EPHEMERIS for the year 1594
geocentric

JUNE 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 36 31	9♏59°13	14♏45	5°R27	14♏11	14♏47	26♏59	6♏44	10♏8	12♏22	17♏54	20°R29	19♏31	20♏9	8♏17	W 1
T 2	16 40 27	10°56'34	27°55	4♏57	15°25	15°25	27° 2	6°49	10°10	12°23	17°55	20♏29	19°28	20°15	8°22	T 2
F 3	16 44 24	11°53'54	10♏51	4°29	16°38	16° 2	27° 5	6°55	10°12	12°24	17°56	20°28	19°24	20°22	8°27	F 3
S 4	16 48 20	12°51'14	23°34	4° 3	17°52	16°40	27° 7	7° 0	10°14	12°26	17°57	20°26	19°21	20°29	8°32	S 4
S 5	16 52 17	13°48'33	6♏4	3°41	19° 6	17°17	27° 9	7° 6	10°16	12°27	17°58	20°23	19°18	20°36	8°37	S 5
M 6	16 56 13	14°45'51	18°22	3°22	20°19	17°55	27°12	7°11	10°18	12°28	17°59	20°19	19°15	20°42	8°42	M 6
T 7	17 0 10	15°43'08	0♏29	3° 7	21°33	18°32	27°13	7°17	10°19	12°30	18° 0	20°15	19°12	20°49	8°47	T 7
W 8	17 4 7	16°40'25	12°28	2°56	22°47	19°10	27°15	7°23	10°21	12°31	18° 0	20°11	19° 9	20°56	8°52	W 8
T 9	17 8 3	17°37'42	24°22	2°49	24° 1	19°48	27°17	7°29	10°23	12°32	18° 1	20° 8	19° 5	21° 2	8°58	T 9
F 10	17 12 0	18°34'58	6♏15	2°D47	25°14	20°25	27°18	7°35	10°25	12°34	18° 2	20° 6	19° 2	21° 9	9° 3	F 10
S 11	17 15 56	19°32'14	18°11	2°49	26°28	21° 3	27°19	7°41	10°27	12°35	18° 3	20°D 6	18°59	21°16	9° 8	S 11
S 12	17 19 53	20°29'29	0♏15	2°55	27°42	21°40	27°20	7°47	10°28	12°37	18° 4	20° 6	18°56	21°23	9°13	S 12
M13	17 23 49	21°26'44	12°32	3° 6	28°55	22°18	27°21	7°53	10°30	12°38	18° 4	20° 7	18°53	21°29	9°18	M13
T 14	17 27 46	22°23'59	25° 6	3°22	0♏9	22°55	27°21	7°59	10°31	12°40	18° 5	20° 9	18°49	21°36	9°23	T 14
W15	17 31 42	23°21'14	8♏0	3°43	1°23	23°33	27°22	8° 5	10°33	12°41	18° 6	20°10	18°46	21°43	9°28	W15
T 16	17 35 39	24°18'29	21°19	4° 8	2°36	24°11	27°R22	8°11	10°34	12°43	18° 6	20°R11	18°43	21°50	9°33	T 16
F 17	17 39 36	25°15'43	5♏1	4°37	3°50	24°48	27°22	8°17	10°36	12°45	18° 7	20°10	18°40	21°56	9°38	F 17
S 18	17 43 32	26°12'57	19° 7	5°12	5° 4	25°26	27°22	8°24	10°37	12°46	18° 8	20° 7	18°37	22° 3	9°43	S 18
S 19	17 47 29	27°10'11	3♏33	5°50	6°17	26° 3	27°21	8°30	10°39	12°48	18° 8	20° 3	18°34	22°10	9°48	S 19
M20	17 51 25	28° 7'25	18°13	6°33	7°31	26°41	27°21	8°37	10°40	12°50	18° 9	19°58	18°30	22°16	9°53	M20
T 21	17 55 22	29° 4'38	2♏59	7°20	8°45	27°19	27°20	8°43	10°41	12°51	18°10	19°52	18°27	22°23	9°58	T 21
W22	17 59 18	0♏15'51	17°44	8°12	9°58	27°56	27°19	8°50	10°42	12°53	18°10	19°47	18°24	22°30	10° 3	W22
T 23	18 3 15	0°59'03	2♏21	9° 8	11°12	28°34	27°18	8°56	10°44	12°55	18°11	19°43	18°21	22°37	10° 8	T 23
F 24	18 7 11	1°56'15	16°45	10° 8	12°26	29°12	27°16	9° 3	10°45	12°57	18°11	19°40	18°18	22°43	10°12	F 24
S 25	18 11 8	2°53'26	0♏52	11°12	13°39	29°49	27°15	9°10	10°46	12°58	18°12	19°D39	18°15	22°50	10°17	S 25
S 26	18 15 5	3°50'37	14°41	12°20	14°53	0♏27	27°13	9°16	10°47	13° 0	18°12	19°39	18°11	22°57	10°22	S 26
M27	18 19 1	4°47'48	28°13	13°32	16° 7	1° 4	27°11	9°23	10°48	13° 2	18°13	19°41	18° 8	23° 4	10°27	M27
T 28	18 22 58	5°44'58	11♏29	14°48	17°20	1°42	27° 9	9°30	10°49	13° 4	18°13	19°42	18° 5	23°10	10°32	T 28
W29	18 26 54	6°42'08	24°31	16° 8	18°34	2°20	27° 7	9°37	10°50	13° 6	18°14	19°R42	18° 2	23°17	10°37	W29
T 30	18 30 51	7°39'18	7♏19	17♏32	19°347	2♏57	27°≈ 4	9♏44	10♏50	13° 7	18°Y14	19°B40	17°B59	23°≈24	10♏41	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22n 0	15s48	0n32	18n11	3s 7	22n44	0n10	23n56	1n16	13s23	0s54	19n29	0n53	3n24	0s41	17n20	0n13	8s37	16s56	17n55	17n39	19s41	17n26	4s21	
T 2	22 8	20 24	0s41	17 54	3 20	22 54	0 13	23 51	1 16	13 23	0 54	19 28	0 53	3 25	0 41	17 20	0 13	8 37	16 56	17 55	17 38	19 38	17 27	4 21	
F 3	22 16	23 56	1 50	17 38	3 31	23 4	0 15	23 47	1 16	13 22	0 54	19 27	0 53	3 25	0 41	17 19	0 13	8 37	16 57	17 54	17 37	19 36	17 28	4 21	
S 4	22 23	26 12	2 52	17 23	3 41	23 14	0 18	23 42	1 16	13 21	0 55	19 25	0 53	3 26	0 41	17 19	0 13	8 37	16 57	17 54	17 36	19 34	17 28	4 21	
S 5	22 31	27 6	3 45	17 10	3 50	23 23	0 20	23 37	1 15	13 21	0 55	19 24	0 53	3 27	0 41	17 19	0 13	8 37	16 57	17 53	17 36	19 32	17 29	4 21	
M 6	22 37	26 37	4 26	16 59	3 58	23 31	0 22	23 32	1 15	13 20	0 55	19 22	0 53	3 28	0 41	17 18	0 13	8 37	16 58	17 52	17 35	19 30	17 30	4 22	
T 7	22 44	24 53	4 55	16 50	4 4	23 38	0 25	23 27	1 15	13 20	0 56	19 21	0 53	3 28	0 41	17 18	0 13	8 37	16 58	17 51	17 34	19 27	17 30	4 22	
W 8	22 49	22 3	5 10	16 43	4 9	23 45	0 27	23 22	1 15	13 20	0 56	19 20	0 53	3 29	0 41	17 17	0 13	8 37	16 58	17 50	17 33	19 25	17 31	4 22	
T 9	22 55	18 20	5 12	16 39	4 12	23 51	0 29	23 16	1 15	13 19	0 56	19 18	0 53	3 30	0 41	17 17	0 13	8 37	16 58	17 49	17 32	19 23	17 32	4 22	
F 10	23 0	13 53	5 1	16 36	4 15	23 56	0 31	23 11	1 15	13 19	0 56	19 17	0 53	3 30	0 41	17 17	0 13	8 37	16 59	17 49	17 31	19 21	17 32	4 22	
S 11	23 5	8 55	4 36	16 35	4 16	24 0	0 34	23 5	1 15	13 19	0 57	19 15	0 53	3 31	0 41	17 16	0 13	8 37	16 59	17 48	17 30	19 18	17 33	4 22	
S 12	23 9	3 33	3 59	16 36	4 16	24 4	0 36	22 59	1 15	13 19	0 57	19 14	0 53	3 32	0 41	17 16	0 13	8 37	16 59	17 48	17 29	19 16	17 34	4 22	
M13	23 13	2n 2	3 11	16 40	4 15	24 7	0 38	22 53	1 15	13 19	0 57	19 12	0 53	3 32	0 41	17 15	0 13	8 37	17 0	17 49	17 29	19 14	17 34	4 23	
T 14	23 16	7 41	2 13	16 45	4 12	24 10	0 40	22 46	1 15	13 19	0 58	19 10	0 53	3 33	0 41	17 15	0 13	8 37	17 0	17 49	17 28	19 12	17 35	4 23	
W15	23 20	13 10	1 6	16 52	4 9	24 12	0 42	22 40	1 15	13 19	0 58	19 9	0 53	3 33	0 41	17 14	0 13	8 37	17 0	17 50	17 27	19 9	17 35	4 23	
T 16	23 22	18 14	0n 6	17 1	4 5	24 13	0 45	22 33	1 15	13 19	0 58	19 7	0 53	3 34	0 41	17 14	0 13	8 37	17 1	17 50	17 26	19 7	17 36	4 23	
F 17	23 25	22 30	1 20	17 11	3 59	24 13	0 47	22 26	1 15	13 20	0 58	19 6	0 53	3 34	0 41	17 14	0 13	8 37	17 1	17 49	17 25	19 5	17 36	4 23	
S 18	23 26	25 33	2 31	17 23	3 53	24 12	0 49	22 19	1 15	13 20	0 59	19 4	0 53	3 35	0 41	17 13	0 13	8 37	17 1	17 49	17 24	19 3	17 37	4 23	
S 19	23 28	27 0	3 34	17 37	3 46	24 11	0 51	22 12	1 14	13 20	0 59	19 2	0 53	3 35	0 41	17 13	0 13	8 37	17 2	17 48	17 23	19 0	17 38	4 24	
M20	23 29	26 36	4 24	17 51	3 39	24 9	0 53	22 5	1 14	13 21	0 59	19 1	0 54	3 36	0 41	17 12	0 13	8 37	17 2	17 46	17 22	18 58	17 38	4 24	
T 21	23 29	24 20	4 56	18 7	3 30	24 7	0 55	21 57	1 14	13 21	1 0	18 59	0 54	3 36	0 41	17 12	0 13	8 37	17 2	17 45	17 22	18 56	17 39	4 24	
W22	23 30	20 27	5 9	18 25	3 21	24 4	0 57	21 50	1 14	13 22	1 0	18 57	0 54	3 37	0 41	17 11	0 13	8 37	17 3	17 43	17 21	18 53	17 39	4 24	
T 23	23 29	15 21	5 2	18 43	3 12	24 0	0 59	21 42	1 14	13 23	1 0	18 55	0 54	3 37	0 41	17 11	0 13	8 38	17 3	17 42	17 20	18 51	17 40	4 24	
F 24	23 29	9 28	4 36	19 1	3 2	23 55	1 0	21 34	1 14	13 23	1 0	18 54	0 54	3 38	0 41	17 10	0 13	8 38	17 3	17 41	17 19	18 49	17 40	4 24	
S 25	23 28	3 13	3 53	19 21	2 51	23 49	1 2	21 26	1 14	13 24	1 1	18 52	0 54	3 38	0 41	17 10	0 13	8 38	17 4	17 41	17 18	18 47	17 41	4 25	
S 26	23 26	3s 4	2 58	19 41	2 40	23 43	1 4	21 18	1 14	13 25	1 1	18 50	0 54	3 39	0 41	17 9	0 13	8 38	17 4	17 41	17 17	18 44	17 41	4 25	
M27	23 24	9 6	1 53	20 1	2 29	23 36	1 6	21 10	1 14	13 26	1 1	18 48	0 54	3 39	0 41	17 9	0 13	8 38	17 4	17 42	17 16	18 42	17 41	4 25	
T 28	23 22	14 37	0 44	20 22	2 17	23 29	1 7	21 1	1 13	13 27	1 1	18 47	0 54	3 39	0 41	17 8	0 13	8 38	17 5	17 42	17 15	18 40	17 42	4 25	
W29	23 19	19 22	0s26	20 42	2 5	23 21	1 9	20 53	1 13	13 28	1 2	18 45	0 54	3 40	0 41	17 8	0 13	8 38	17 5	17 42	17 14	18 37	17 42	4 26	
T 30	23n16	23s 7	1s34	21n 3	1s52	23n12	1n10	20n44	1n13	13s29	1s 2	18n43	0n54	3n40	0s41	17n 7	0n13	8s38	17s 5	17n42	17n14	18s35	17n43	4s26	

ASTRODIENST EPHEMERIS for the year 1594
geocentric

JULY 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	18 34 47	8♌36'28	19♌56	18♌59	21♌1	3♌35	27°R 1	9♌51	10♌51	13♌9	18♌14	19°R37	17♌55	23♌30	10♌46	F 1
S 2	18 38 44	9°33'38	2♌23	20°31	22°15	4°13	26♌59	9°58	10°52	13°11	18°15	19♌31	17°52	23°37	10°51	S 2
S 3	18 42 40	10°30'48	14°41	22° 6	23°28	4°50	26°56	10° 5	10°53	13°13	18°15	19°23	17°49	23°44	10°55	S 3
M 4	18 46 37	11°27'58	26°50	23°44	24°42	5°28	26°52	10°12	10°53	13°15	18°15	19°14	17°46	23°51	11° 0	M 4
T 5	18 50 34	12°25'09	8♌51	25°26	25°55	6° 6	26°49	10°19	10°54	13°17	18°16	19° 4	17°43	23°57	11° 5	T 5
W 6	18 54 30	13°22'19	20°47	27°11	27° 9	6°43	26°45	10°26	10°54	13°19	18°16	18°55	17°40	24° 4	11° 9	W 6
T 7	18 58 27	14°19'30	2♌40	29° 0	28°23	7°21	26°42	10°33	10°55	13°21	18°16	18°46	17°36	24°11	11°14	T 7
F 8	19 2 23	15°16'42	14°31	0♌51	29°36	7°59	26°38	10°40	10°55	13°23	18°17	18°40	17°33	24°17	11°18	F 8
S 9	19 6 20	16°13'54	26°26	2°46	0♌50	8°36	26°33	10°48	10°56	13°25	18°17	18°36	17°30	24°24	11°23	S 9
S 10	19 10 16	17°11'06	8♌28	4°43	2° 3	9°14	26°29	10°55	10°56	13°27	18°17	18°33	17°27	24°31	11°27	S 10
M 11	19 14 13	18° 8'20	20°42	6°42	3°17	9°52	26°25	11° 2	10°56	13°29	18°17	18°D33	17°24	24°38	11°32	M 11
T 12	19 18 9	19° 5'34	3♌13	8°43	4°31	10°30	26°20	11° 9	10°57	13°31	18°17	18°34	17°21	24°44	11°36	T 12
W 13	19 22 6	20° 2'49	16° 6	10°47	5°44	11° 7	26°15	11°17	10°57	13°33	18°17	18°R34	17°17	24°51	11°40	W 13
T 14	19 26 3	21° 0'04	29°24	12°51	6°58	11°45	26°10	11°24	10°57	13°35	18°18	18°34	17°14	24°58	11°45	T 14
F 15	19 29 59	21°57'20	13♌10	14°57	8°11	12°23	26° 5	11°32	10°57	13°37	18°18	18°31	17°11	25° 5	11°49	F 15
S 16	19 33 56	22°54'38	27°24	17° 4	9°25	13° 1	26° 0	11°39	10°57	13°40	18°18	18°27	17° 8	25°11	11°53	S 16
S 17	19 37 52	23°51'55	12♌4	19°11	10°38	13°38	25°55	11°46	10°R57	13°42	18°18	18°20	17° 5	25°18	11°57	S 17
M 18	19 41 49	24°49'14	27° 2	21°19	11°52	14°16	25°49	11°54	10°57	13°44	18°18	18°11	17° 2	25°25	12° 2	M 18
T 19	19 45 45	25°46'33	12♌10	23°26	13° 6	14°54	25°43	12° 1	10°57	13°46	18°R18	18° 1	16°58	25°31	12° 6	T 19
W 20	19 49 42	26°43'53	27°17	25°33	14°19	15°32	25°37	12° 9	10°57	13°48	18°18	17°52	16°55	25°38	12°10	W 20
T 21	19 53 39	27°41'13	12♌14	27°40	15°33	16°10	25°31	12°16	10°57	13°50	18°18	17°44	16°52	25°45	12°14	T 21
F 22	19 57 35	28°38'33	26°52	29°46	16°46	16°47	25°25	12°24	10°57	13°52	18°18	17°38	16°49	25°52	12°18	F 22
S 23	20 1 32	29°35'54	11♌8	1♌51	18° 0	17°25	25°19	12°32	10°56	13°54	18°18	17°35	16°46	25°58	12°22	S 23
S 24	20 5 28	0♌33'16	25° 0	3°55	19°13	18° 3	25°13	12°39	10°56	13°57	18°18	17°34	16°42	26° 5	12°26	S 24
M 25	20 9 25	1°30'38	8♌27	5°57	20°27	18°41	25° 6	12°47	10°56	13°59	18°17	17°D34	16°39	26°12	12°30	M 25
T 26	20 13 21	2°28'01	21°34	7°59	21°40	19°19	25° 0	12°54	10°55	14° 1	18°17	17°R34	16°36	26°18	12°33	T 26
W 27	20 17 18	3°25'24	4♌23	9°59	22°54	19°57	24°53	13° 2	10°55	14° 3	18°17	17°33	16°33	26°25	12°37	W 27
T 28	20 21 14	4°22'48	16°57	11°57	24° 7	20°35	24°46	13°10	10°54	14° 5	18°17	17°30	16°30	26°32	12°41	T 28
F 29	20 25 11	5°20'13	29°19	13°55	25°21	21°12	24°39	13°17	10°54	14° 8	18°17	17°24	16°27	26°39	12°45	F 29
S 30	20 29 8	6°17'39	11♌33	15°50	26°34	21°50	24°32	13°25	10°53	14°10	18°17	17°15	16°23	26°45	12°48	S 30
S 31	20 33 4	7♌15'05	23♌39	17♌44	27♌48	22♌28	24♌25	13♌33	10♌52	14♌12	18♌16	17♌4	16♌20	26♌52	12♌52	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	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
F 1	23n13	25s42	2s35	21n23	1s40	23n 2	1n12	20n35	1n13	13s30	1 s 2	18n41	0n54	3n40	0s42	17n 7	0n13	8s39	17s 6	17n41	17n13	18s33	17n43	4s26
S 2	23 9	26 57	3 29	21 42	1 27	22 52	1 13	20 26	1 13	13 32	1 3	18 39	0 54	3 40	0 42	17 6	0 13	8 39	17 6	17 39	17 12	18 30	17 44	4 26
S 3	23 5	26 51	4 12	22 1	1 14	22 41	1 15	20 17	1 13	13 33	1 3	18 37	0 54	3 41	0 42	17 6	0 13	8 39	17 6	17 37	17 11	18 28	17 44	4 27
M 4	23 0	25 27	4 42	22 19	1 1	22 29	1 16	20 7	1 13	13 34	1 3	18 36	0 54	3 41	0 42	17 5	0 13	8 39	17 7	17 34	17 10	18 25	17 44	4 27
T 5	22 55	22 54	5 0	22 36	0 49	22 17	1 18	19 58	1 13	13 36	1 3	18 34	0 54	3 41	0 42	17 4	0 13	8 39	17 7	17 32	17 9	18 23	17 45	4 27
W 6	22 49	19 24	5 5	22 52	0 36	22 4	1 19	19 48	1 12	13 37	1 4	18 32	0 54	3 41	0 42	17 4	0 13	8 40	17 7	17 29	17 8	18 21	17 45	4 27
T 7	22 43	15 9	4 56	23 6	0 24	21 50	1 20	19 38	1 12	13 39	1 4	18 30	0 54	3 41	0 42	17 3	0 13	8 40	17 8	17 27	17 7	18 18	17 46	4 28
F 8	22 37	10 20	4 35	23 18	0 11	21 36	1 21	19 28	1 12	13 40	1 4	18 28	0 54	3 42	0 42	17 3	0 13	8 40	17 8	17 25	17 6	18 16	17 46	4 28
S 9	22 30	5 7	4 2	23 28	0n 0	21 21	1 22	19 18	1 12	13 42	1 4	18 26	0 54	3 42	0 42	17 2	0 13	8 40	17 8	17 24	17 6	18 14	17 46	4 28
S 10	22 23	0n21	3 17	23 36	0 12	21 6	1 23	19 8	1 12	13 44	1 5	18 24	0 54	3 42	0 42	17 2	0 13	8 41	17 9	17 23	17 5	18 11	17 46	4 28
M11	22 16	5 53	2 23	23 42	0 23	20 50	1 24	18 58	1 12	13 46	1 5	18 22	0 54	3 42	0 42	17 1	0 13	8 41	17 9	17 23	17 4	18 9	17 47	4 29
T 12	22 8	11 21	1 21	23 46	0 33	20 33	1 25	18 48	1 11	13 47	1 5	18 20	0 54	3 42	0 42	17 0	0 13	8 41	17 9	17 23	17 3	18 6	17 47	4 29
W13	22 0	16 29	0 13	23 47	0 43	20 16	1 26	18 37	1 11	13 49	1 5	18 18	0 54	3 42	0 42	17 0	0 13	8 41	17 10	17 23	17 2	18 4	17 47	4 29
T 14	21 51	21 0	0n57	23 45	0 53	19 58	1 27	18 26	1 11	13 51	1 6	18 16	0 54	3 42	0 42	16 59	0 13	8 42	17 10	17 23	17 1	18 2	17 48	4 29
F 15	21 42	24 32	2 7	23 40	1 1	19 40	1 28	18 16	1 11	13 53	1 6	18 14	0 54	3 42	0 42	16 59	0 13	8 42	17 11	17 23	17 0	17 59	17 48	4 30
S 16	21 33	26 39	3 11	23 33	1 9	19 21	1 28	18 5	1 11	13 55	1 6	18 12	0 54	3 42	0 42	16 58	0 13	8 42	17 11	17 21	16 59	17 57	17 48	4 30
S 17	21 23	27 0	4 4	23 23	1 17	19 2	1 29	17 54	1 11	13 57	1 6	18 10	0 55	3 42	0 42	16 57	0 13	8 43	17 11	17 19	16 58	17 54	17 48	4 30
M18	21 13	25 25	4 42	23 10	1 23	18 42	1 29	17 43	1 11	13 59	1 7	18 8	0 55	3 42	0 42	16 57	0 13	8 43	17 12	17 17	16 57	17 52	17 49	4 31
T 19	21 2	21 59	5 1	22 55	1 29	18 22	1 30	17 31	1 10	14 1	1 7	18 6	0 55	3 42	0 42	16 56	0 13	8 43	17 12	17 14	16 57	17 50	17 49	4 31
W20	20 51	17 6	4 58	22 37	1 34	18 1	1 30	17 20	1 10	14 4	1 7	18 4	0 55	3 42	0 42	16 56	0 13	8 44	17 12	17 12	16 56	17 47	17 49	4 31
T 21	20 40	11 13	4 35	22 16	1 38	17 39	1 31	17 9	1 10	14 6	1 7	18 2	0 55	3 42	0 42	16 55	0 13	8 44	17 13	17 9	16 55	17 45	17 49	4 32
F 22	20 29	4 50	3 55	21 54	1 41	17 17	1 31	16 57	1 10	14 8	1 8	18 0	0 55	3 42	0 42	16 54	0 13	8 44	17 13	17 8	16 54	17 42	17 49	4 32
S 23	20 17	1s39	3 0	21 29	1 44	16 55	1 31	16 45	1 10	14 11	1 8	17 58	0 55	3 42	0 42	16 54	0 13	8 45	17 13	17 7	16 53	17 40	17 50	4 32
S 24	20 5	7 53	1 57	21 2	1 46	16 32	1 31	16 33	1 9	14 13	1 8	17 56	0 55	3 41	0 42	16 53	0 13	8 45	17 14	17 7	16 52	17 37	17 50	4 33
M25	19 52	13 36	0 48	20 33	1 47	16 9	1 31	16 21	1 9	14 15	1 8	17 54	0 55	3 41	0 42	16 53	0 13	8 45	17 14	17 7	16 51	17 35	17 50	4 33
T 26	19 39	18 32	0s21	20 2	1 47	15 45	1 31	16 9	1 9	14 18	1 8	17 51	0 55	3 41	0 42	16 52	0 13	8 46	17 14	17 7	16 50	17 32	17 50	4 33
W27	19 26	22 30	1 28	19 30	1 47	15 21	1 31	15 57	1 9	14 20	1 9	17 49	0 55	3 41	0 42	16 51	0 13	8 46	17 15	17 6	16 49	17 30	17 50	4 34
T 28	19 13	25 19	2 29	18 56	1 46	14 56	1 31	15 45	1 9	14 23	1 9	17 47	0 55	3 41	0 42	16 51	0 13	8 46	17 15	17 5	16 48	17 27	17 50	4 34
F 29	18 59	26 51	3 22	18 21	1 45	14 31	1 31	15 33	1 8	14 25	1 9	17 45	0 55	3 40	0 42	16 50	0 13	8 47	17 15	17 4	16 48	17 25	17 50	4 34
S 30	18 45	27 3	4 4	17 45	1 42	14 6	1 30	15 20	1 8	14 28	1 9	17 43	0 55	3 40	0 42	16 49	0 13	8 47	17 16	17 1	16 47	17 22	17 51	4 35
S 31	18n30	25s56	4s35	17n 8	1n40	13n40	1n30	15n 8	1n 8	14s30	1 s 9	17n41	0n55	3n40	0s42	16n49	0n13	8s48	17s16	16n58	16n46	17s20	17n51	4s35

ASTRODIENST EPHEMERIS for the year 1594

geocentric

AUGUST 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 37 1	8♌12'32	5♊39	19♏37	29♌1	23♏6	24°R18	13♏40	10°R52	14♌14	18°R16	16°R51	16♌17	26♊59	12♏55	M 1
T 2	20 40 57	9°10'01	17°36	21°28	0♏15	23°44	24♊10	13°48	10°Y51	14°16	18°Y16	16♌38	16°14	27°6	12°59	T 2
W 3	20 44 54	10°7'30	29°29	23°17	1°28	24°22	24°3	13°56	10°50	14°19	18°15	16°24	16°11	27°12	13°2	W 3
T 4	20 48 50	11°5'01	11♋20	25°5	2°41	25°0	23°56	14°3	10°49	14°21	18°15	16°12	16°7	27°19	13°6	T 4
F 5	20 52 47	12°2'33	23°12	26°51	3°55	25°38	23°48	14°11	10°48	14°23	18°15	16°2	16°4	27°26	13°9	F 5
S 6	20 56 43	13°0'06	5♏8	28°36	5°8	26°16	23°40	14°19	10°48	14°25	18°14	15°55	16°1	27°32	13°12	S 6
S 7	21 0 40	13°57'41	17°10	0♏19	6°22	26°54	23°33	14°26	10°47	14°28	18°14	15°51	15°58	27°39	13°16	S 7
M 8	21 4 37	14°55'17	29°23	2°1	7°35	27°32	23°25	14°34	10°46	14°30	18°14	15°49	15°55	27°46	13°19	M 8
T 9	21 8 33	15°52'55	11♋51	3°41	8°48	28°10	23°17	14°42	10°44	14°32	18°13	15°49	15°52	27°53	13°22	T 9
W10	21 12 30	16°50'34	24°40	5°20	10°2	28°48	23°10	14°49	10°43	14°34	18°13	15°49	15°48	27°59	13°25	W10
T 11	21 16 26	17°48'15	7♏53	6°57	11°15	29°26	23°2	14°57	10°42	14°36	18°12	15°48	15°45	28°6	13°28	T 11
F 12	21 20 23	18°45'57	21°34	8°33	12°28	0♏4	22°54	15°5	10°41	14°39	18°12	15°45	15°42	28°13	13°31	F 12
S 13	21 24 19	19°43'41	5♊45	10°7	13°42	0°42	22°46	15°12	10°40	14°41	18°11	15°40	15°39	28°19	13°34	S 13
S 14	21 28 16	20°41'27	20°24	11°40	14°55	1°21	22°38	15°20	10°39	14°43	18°11	15°32	15°36	28°26	13°36	S 14
M15	21 32 12	21°39'15	5♏26	13°12	16°8	1°59	22°30	15°28	10°37	14°45	18°10	15°22	15°33	28°33	13°39	M15
T 16	21 36 9	22°37'03	20°42	14°42	17°22	2°37	22°23	15°36	10°36	14°48	18°10	15°12	15°29	28°40	13°42	T 16
W17	21 40 6	23°34'54	6♏1	16°10	18°35	3°15	22°15	15°43	10°34	14°50	18°9	15°1	15°26	28°46	13°45	W17
T 18	21 44 2	24°32'45	21°12	17°37	19°48	3°53	22°7	15°51	10°33	14°52	18°9	14°52	15°23	28°53	13°47	T 18
F 19	21 47 59	25°30'38	6♊4	19°3	21°1	4°31	21°59	15°58	10°32	14°54	18°8	14°45	15°20	29°0	13°50	F 19
S 20	21 51 55	26°28'32	20°32	20°27	22°15	5°10	21°51	16°6	10°30	14°56	18°7	14°41	15°17	29°7	13°52	S 20
S 21	21 55 52	27°26'28	4♏31	21°49	23°28	5°48	21°43	16°14	10°28	14°59	18°7	14°39	15°13	29°13	13°54	S 21
M22	21 59 48	28°24'24	18°4	23°10	24°41	6°26	21°35	16°21	10°27	15°1	18°6	14°D39	15°10	29°20	13°57	M22
T 23	22 3 45	29°22'23	1♋10	24°29	25°54	7°4	21°28	16°29	10°25	15°3	18°5	14°R39	15°7	29°27	13°59	T 23
W24	22 7 41	0♏20'22	13°56	25°47	27°7	7°43	21°20	16°36	10°24	15°5	18°5	14°39	15°4	29°33	14°1	W24
T 25	22 11 38	1°18'23	26°24	27°2	28°20	8°21	21°12	16°44	10°22	15°7	18°4	14°36	15°1	29°40	14°3	T 25
F 26	22 15 35	2°16'25	8♊38	28°16	29°34	8°59	21°5	16°51	10°20	15°9	18°3	14°31	14°58	29°47	14°5	F 26
S 27	22 19 31	3°14'29	20°44	29°29	0♏47	9°38	20°57	16°59	10°18	15°12	18°2	14°23	14°54	29°54	14°7	S 27
S 28	22 23 28	4°12'34	2♊42	0♏39	2°0	10°16	20°50	17°6	10°17	15°14	18°2	14°13	14°51	0♏0	14°9	S 28
M29	22 27 24	5°10'41	14°37	1°47	3°13	10°54	20°42	17°14	10°15	15°16	18°1	14°1	14°48	0°7	14°11	M29
T 30	22 31 21	6°8'49	26°30	2°53	4°26	11°33	20°35	17°21	10°13	15°18	18°0	13°49	14°45	0°14	14°13	T 30
W31	22 35 17	7♏6'59	8♋23	3♏57	5♏39	12♏11	20♊28	17♏29	10°Y11	15♏20	17°Y59	13♌36	14♌42	0♏20	14♏14	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
M 1	18n15	23s39	4s54	16n30	1n37	13n14	1n30	14n55	1n 8	14s33	1s10	17n39	0n55	3n39	0s42	16n48	0n13	8s48	17s16	16n55	16n45	17s17	17n51	4s35	17s16	16n55	16n45
T 2	18 0	20 20	5 0	15 51	1 33	12 48	1 29	14 42	1 8	14 35	1 10	17 37	0 56	3 39	0 42	16 48	0 13	8 48	17 17	16 51	16 44	17 15	17 51	4 36	17 15	16 44	17 15
W 3	17 45	16 14	4 52	15 11	1 29	12 21	1 29	14 29	1 7	14 38	1 10	17 34	0 56	3 39	0 43	16 47	0 13	8 49	17 17	16 47	16 43	17 12	17 51	4 36	17 12	16 43	17 12
T 4	17 29	11 31	4 32	14 31	1 24	11 54	1 28	14 16	1 7	14 41	1 10	17 32	0 56	3 38	0 43	16 46	0 13	8 49	17 17	16 43	16 42	17 10	17 51	4 37	17 10	16 42	17 10
F 5	17 13	6 22	4 0	13 50	1 20	11 27	1 27	14 3	1 7	14 43	1 10	17 30	0 56	3 38	0 43	16 46	0 13	8 50	17 18	16 41	16 41	17 7	17 51	4 37	17 7	16 41	17 7
S 6	16 57	0 58	3 17	13 9	1 14	10 59	1 26	13 50	1 7	14 46	1 10	17 28	0 56	3 38	0 43	16 45	0 13	8 50	17 18	16 39	16 40	17 5	17 51	4 37	17 5	16 40	17 5
S 7	16 41	4n31	2 25	12 27	1 9	10 31	1 25	13 37	1 7	14 49	1 11	17 26	0 56	3 37	0 43	16 44	0 13	8 51	17 18	16 37	16 39	17 2	17 51	4 38	17 2	16 37	17 2
M 8	16 24	9 57	1 26	11 45	1 2	10 3	1 25	13 24	1 6	14 51	1 11	17 24	0 56	3 37	0 43	16 44	0 13	8 51	17 19	16 37	16 38	17 0	17 51	4 38	17 0	16 37	17 0
T 9	16 7	15 6	0 21	11 3	0 56	9 35	1 24	13 10	1 6	14 54	1 11	17 21	0 56	3 36	0 43	16 43	0 13	8 52	17 19	16 37	16 37	16 57	17 51	4 39	16 57	16 37	16 57
W10	15 49	19 44	0n47	10 21	0 49	9 6	1 22	12 57	1 6	14 57	1 11	17 19	0 56	3 36	0 43	16 42	0 13	8 52	17 19	16 37	16 37	16 55	17 51	4 39	16 55	16 37	16 55
T 11	15 32	23 33	1 54	9 38	0 43	8 37	1 21	12 43	1 6	14 59	1 11	17 17	0 56	3 35	0 43	16 42	0 13	8 52	17 20	16 36	16 36	16 52	17 51	4 39	16 52	16 36	16 52
F 12	15 14	26 10	2 57	8 56	0 35	8 8	1 20	12 30	1 5	15 2	1 11	17 15	0 56	3 35	0 43	16 41	0 13	8 53	17 20	16 36	16 35	16 50	17 51	4 40	16 50	16 35	16 50
S 13	14 56	27 13	3 51	8 13	0 28	7 38	1 19	12 16	1 5	15 5	1 11	17 13	0 56	3 34	0 43	16 41	0 13	8 53	17 20	16 34	16 34	16 47	17 51	4 40	16 47	16 34	16 47
S 14	14 38	26 26	4 32	7 31	0 20	7 9	1 18	12 2	1 5	15 8	1 12	17 10	0 56	3 34	0 43	16 40	0 13	8 54	17 21	16 32	16 33	16 45	17 51	4 41	16 45	16 32	16 45
M15	14 19	23 44	4 56	6 49	0 12	6 39	1 16	11 48	1 5	15 10	1 12	17 8	0 57	3 33	0 43	16 39	0 13	8 54	17 21	16 29	16 32	16 42	17 50	4 41	16 42	16 32	16 42
T 16	14 0	19 21	4 59	6 6	0 4	6 9	1 15	11 34	1 5	15 13	1 12	17 6	0 57	3 33	0 43	16 39	0 13	8 55	17 21	16 26	16 31	16 39	17 50	4 41	16 39	16 31	16 39
W17	13 41	13 40	4 41	5 25	0s4	5 39	1 13	11 20	1 4	15 16	1 12	17 4	0 57	3 32	0 43	16 38	0 13	8 55	17 22	16 23	16 30	16 37	17 50	4 42	16 37	16 30	16 37
T 18	13 22	7 13	4 3	4 43	0 12	5 9	1 11	11 6	1 4	15 18	1 12	17 2	0 57	3 32	0 43	16 37	0 13	8 56	17 22	16 20	16 29	16 34	17 50	4 42	16 34	16 30	16 34
F 19	13 3	0 28	3 9	4 2	0 21	4 38	1 10	10 52	1 4	15 21	1 12	16 59	0 57	3 31	0 43	16 37	0 13	8 56	17 22	16 18	16 28	16 32	17 50	4 43	16 32	16 28	16 32
S 20	12 43	6s7	2 4	3 21	0 29	4 8	1 8	10 38	1 4	15 24	1 12	16 57	0 57	3 30	0 43	16 36	0 13	8 57	17 22	16 17	16 27	16 29	17 50	4 43	16 29	16 17	16 29
S 21	12 23	12 13	0 53	2 40	0 38	3 37	1 6	10 23	1 3	15 26	1 12	16 55	0 57	3 30	0 43	16 35	0 13	8 57	17 23	16 16	16 26	16 27	17 50	4 44	16 27	16 16	16 27
M22	12 3	17 32	0s18	2 0	0 47	3 6	1 4	10 9	1 3	15 29	1 12	16 53	0 57	3 29	0 43	16 35	0 13	8 58	17 23	16 16	16 25	16 24	17 50	4 44	16 24	16 16	16 24
T 23	11 43	21 51	1 26	1 20	0 56	2 35	1 2	9 54	1 3	15 31	1 12	16 51	0 57	3 29	0 43	16 34	0 13	8 58	17 23	16 16	16 24	16 21	17 49	4 44	16 21	16 16	16 21
W24	11 23	24 59	2 28	0 41	1 5	2 4	1 0	9 40	1 3	15 34	1 12	16 48	0 57	3 28	0 43	16 34	0 13	8 59	17 23	16 16	16 24	16 19	17 49	4 45	16 19	16 16	16 19
T 25	11 2	26 49	3 22	0 3	1 14	1 33	0 58	9 25	1 2	15 36	1 12	16 46	0 58	3 27	0 43	16 33	0 13	8 59	17 24	16 15	16 23	16 16	17 49	4 45	16 16	16 15	16 16
F 26	10 41	27 17	4 5	0s35	1 23	1 2	0 56	9 11	1 2	15 39	1 13	16 44	0 58	3 26	0 43	16 32	0 13	9 0	17 24	16 14	16 22	16 14	17 49	4 46	16 14	16 14	16 14
S 27	10 20	26 27	4 37	1 12	1 32	0 31	0 54	8 56	1 2	15 41	1 13	16 42	0 58	3 26	0 43	16 32	0 13	9 0	17 24	16 12	16 21	16 11	17 49	4 46	16 12	16 12	16 11
S 28	9 59	24 23	4 55	1 48	1 41	0s0	0 52	8 41	1 2	15 44	1 13	16 40	0 58	3 25	0 43	16 31	0 13	9 1	17 25	16 9	16 20	16 8	17 48	4 47	16 9	16 20	16 8
M29	9 38	21 17	5 1	2 24	1 50	0 31	0 50	8 26	1 1	15 46	1 13	16 38	0 58	3 24	0 43	16 30	0 13	9 1	17 25	16 5	16 19	16 6	17 48	4 47	16 6	16 19	16 6
T 30	9 17	17 19	4 54	2 59	1 59	1 3	0 47	8 11	1 1	15 49	1 13	16 35	0 58	3 24	0 43	16 30	0 13	9 2	17 25	16 1	16 18	16 3	17 48	4 48	16 3	16 18	16 3
W31	8n55	12s41	4s34	3s32	2s8	1s34	0n45	7n56	1n1	15s51	1s13	16n33	0n58	3n23	0s43	16n29	0n13	9s2	17s25	15n57	16n17	16s0	17n48	4s48	16s0	17n48	16s0

ASTRODIENST EPHEMERIS for the year 1594

geocentric

SEPTEMBER 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 39 14	8 ^h 5'11"	20 ^h 16'	4 ^h 58'	6 ^h 52'	12 ^h 50'	20°R20	17 ^h 36'	10°R 9	15 ^h 22'	17°R58	13°R25	14 ^h 39'	0 ^h 27'	14 ^h 16'	T 1
F 2	22 43 10	9° 3'24"	2 ^h 12'	5°57'	8° 5'	13°28'	20 ^h 13'	17°44'	10°Y 7	15°24'	17°Y58	13 ^h 16'	14°35'	0°34'	14°18'	F 2
S 3	22 47 7	10° 1'40"	14°13'	6°54'	9°18'	14° 7'	20° 6'	17°51'	10° 5'	15°26'	17°57'	13°10'	14°32'	0°41'	14°19'	S 3
S 4	22 51 3	10°59'57"	26°20'	7°47'	10°31'	14°45'	20° 0'	17°58'	10° 3'	15°28'	17°56'	13° 6'	14°29'	0°47'	14°21'	S 4
M 5	22 55 0	11°58'17"	8 ^h 37'	8°37'	11°43'	15°24'	19°53'	18° 5'	10° 1'	15°30'	17°55'	13°D 4	14°26'	0°54'	14°22'	M 5
T 6	22 58 57	12°56'38"	21° 8'	9°25'	12°56'	16° 2'	19°46'	18°13'	9°59'	15°32'	17°54'	13° 5'	14°23'	1° 1'	14°23'	T 6
W 7	23 2 53	13°55'02"	3 ^h 56'	10° 8'	14° 9'	16°41'	19°40'	18°20'	9°57'	15°34'	17°53'	13° 5'	14°19'	1° 7'	14°24'	W 7
T 8	23 6 50	14°53'28"	17° 6'	10°48'	15°22'	17°19'	19°33'	18°27'	9°55'	15°36'	17°52'	13°R 6	14°16'	1°14'	14°26'	T 8
F 9	23 10 46	15°51'56"	0 ^h 40'	11°24'	16°35'	17°58'	19°27'	18°34'	9°53'	15°38'	17°51'	13° 5'	14°13'	1°21'	14°27'	F 9
S 10	23 14 43	16°50'26"	14°41'	11°56'	17°48'	18°37'	19°21'	18°41'	9°51'	15°40'	17°50'	13° 2'	14°10'	1°28'	14°28'	S 10
S 11	23 18 39	17°48'59"	29° 8'	12°23'	19° 0'	19°15'	19°15'	18°48'	9°48'	15°42'	17°49'	12°56'	14° 7'	1°34'	14°28'	S 11
M12	23 22 36	18°47'34"	13 ^h 59'	12°45'	20°13'	19°54'	19° 9'	18°56'	9°46'	15°44'	17°48'	12°49'	14° 4'	1°41'	14°29'	M12
T 13	23 26 33	19°46'11"	29° 6'	13° 1'	21°26'	20°33'	19° 3'	19° 3'	9°44'	15°46'	17°47'	12°41'	14° 0'	1°48'	14°30'	T 13
W14	23 30 29	20°44'49"	14 ^h 20'	13°12'	22°39'	21°11'	18°57'	19°10'	9°42'	15°48'	17°46'	12°33'	13°57'	1°54'	14°31'	W14
T 15	23 34 26	21°43'30"	29°31'	13°R17	23°51'	21°50'	18°52'	19°16'	9°39'	15°50'	17°45'	12°27'	13°54'	2° 1'	14°31'	T 15
F 16	23 38 22	22°42'13"	14 ^h 27'	13°15'	25° 4'	22°29'	18°46'	19°23'	9°37'	15°52'	17°44'	12°22'	13°51'	2° 8'	14°32'	F 16
S 17	23 42 19	23°40'57"	29° 2'	13° 7'	26°17'	23° 8'	18°41'	19°30'	9°35'	15°54'	17°43'	12°19'	13°48'	2°15'	14°32'	S 17
S 18	23 46 15	24°39'44"	13 ^h 10'	12°52'	27°29'	23°47'	18°36'	19°37'	9°32'	15°56'	17°42'	12°D18	13°45'	2°21'	14°33'	S 18
M19	23 50 12	25°38'32"	26°50'	12°29'	28°42'	24°25'	18°31'	19°44'	9°30'	15°57'	17°41'	12°19'	13°41'	2°28'	14°33'	M19
T 20	23 54 8	26°37'22"	10 ^h 3'	11°59'	29°55'	25° 4'	18°27'	19°50'	9°28'	15°59'	17°40'	12°20'	13°38'	2°35'	14°33'	T 20
W21	23 58 5	27°36'13"	22°51'	11°22'	1 ^h 7'	25°43'	18°22'	19°57'	9°25'	16° 1'	17°39'	12°R21	13°35'	2°41'	14°33'	W21
T 22	0 2 1	28°35'07"	5 ^h 20'	10°37'	2°20'	26°22'	18°18'	20° 4'	9°23'	16° 3'	17°38'	12°21'	13°32'	2°48'	14°R33	T 22
F 23	0 5 58	29°34'02"	17°34'	9°46'	3°32'	27° 1'	18°14'	20°10'	9°21'	16° 4'	17°37'	12°19'	13°29'	2°55'	14°33'	F 23
S 24	0 9 55	0 ^h 32'59"	29°36'	8°49'	4°45'	27°40'	18°10'	20°17'	9°18'	16° 6'	17°36'	12°15'	13°25'	3° 2'	14°33'	S 24
S 25	0 13 51	1°31'58"	11 ^h 32'	7°47'	5°57'	28°19'	18° 6'	20°23'	9°16'	16° 8'	17°35'	12°10'	13°22'	3° 8'	14°33'	S 25
M26	0 17 48	2°30'59"	23°24'	6°41'	7° 9'	28°58'	18° 2'	20°30'	9°13'	16° 9'	17°34'	12° 3'	13°19'	3°15'	14°33'	M26
T 27	0 21 44	3°30'01"	5 ^h 16'	5°32'	8°22'	29°37'	17°59'	20°36'	9°11'	16°11'	17°33'	11°56'	13°16'	3°22'	14°33'	T 27
W28	0 25 41	4°29'05"	17°10'	4°23'	9°34'	0 ^h 16'	17°56'	20°42'	9° 9'	16°13'	17°31'	11°49'	13°13'	3°28'	14°32'	W28
T 29	0 29 37	5°28'12"	29° 9'	3°15'	10°46'	0°55'	17°53'	20°48'	9° 6'	16°14'	17°30'	11°42'	13°10'	3°35'	14°32'	T 29
F 30	0 33 34	6 ^h 27'20"	11 ^h 13'	2 ^h 10'	11 ^h 58'	1 ^h 34'	17 ^h 50'	20 ^h 55'	9 ^h 4'	16 ^h 16'	17 ^h 29'	11 ^h 37'	13 ^h 6'	3 ^h 42'	14 ^h 31'	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	8n33	7s34	4s 2	4s 5	2s17	2s 5	0n42	7n41	1n 0	15s53	1s13	16n31	0n58	3n22	0s43	16n29
F 2	8 12	2 10	3 19	4 36	2 26	2 36	0 40	7 26	1 0	15 56	1 13	16 29	0 58	3 21	0 43	16 28
S 3	7 50	3n21	2 27	5 7	2 35	3 7	0 37	7 11	1 0	15 58	1 13	16 27	0 58	3 20	0 43	16 27
S 4	7 27	8 49	1 28	5 35	2 43	3 38	0 35	6 56	1 0	16 0	1 13	16 25	0 59	3 20	0 43	16 27
M 5	7 5	14 2	0 24	6 3	2 51	4 9	0 32	6 41	0 59	16 2	1 13	16 22	0 59	3 19	0 43	16 26
T 6	6 43	18 46	0n43	6 29	2 59	4 40	0 29	6 26	0 59	16 4	1 13	16 20	0 59	3 18	0 43	16 26
W 7	6 20	22 46	1 49	6 53	3 7	5 11	0 27	6 10	0 59	16 6	1 13	16 18	0 59	3 17	0 43	16 25
T 8	5 58	25 43	2 52	7 16	3 14	5 42	0 24	5 55	0 58	16 8	1 13	16 16	0 59	3 16	0 43	16 25
F 9	5 35	27 16	3 46	7 36	3 21	6 12	0 21	5 40	0 58	16 10	1 13	16 14	0 59	3 15	0 43	16 24
S 10	5 12	27 9	4 29	7 55	3 28	6 43	0 18	5 24	0 58	16 12	1 13	16 12	0 59	3 15	0 43	16 23
S 11	4 50	25 13	4 57	8 11	3 34	7 13	0 15	5 9	0 58	16 14	1 13	16 10	0 59	3 14	0 43	16 23
M12	4 27	21 32	5 6	8 24	3 39	7 44	0 13	4 53	0 57	16 16	1 13	16 8	1 0	3 13	0 43	16 22
T 13	4 4	16 23	4 53	8 35	3 44	8 14	0 10	4 38	0 57	16 18	1 13	16 6	1 0	3 12	0 43	16 22
W14	3 41	10 11	4 20	8 43	3 48	8 44	0 7	4 22	0 57	16 19	1 12	16 4	1 0	3 11	0 43	16 21
T 15	3 17	3 24	3 29	8 48	3 51	9 13	0 4	4 6	0 56	16 21	1 12	16 2	1 0	3 10	0 43	16 21
F 16	2 54	3s30	2 24	8 49	3 53	9 43	0 1	3 51	0 56	16 23	1 12	15 59	1 0	3 9	0 43	16 20
S 17	2 31	10 3	1 11	8 47	3 54	10 12	0s 3	3 35	0 56	16 24	1 12	15 57	1 0	3 8	0 43	16 20
S 18	2 8	15 54	0s 5	8 40	3 54	10 42	0 6	3 19	0 55	16 26	1 12	15 55	1 0	3 7	0 43	16 19
M19	1 44	20 45	1 18	8 30	3 52	11 10	0 9	3 4	0 55	16 27	1 12	15 53	1 1	3 7	0 43	16 18
T 20	1 21	24 23	2 24	8 15	3 49	11 39	0 12	2 48	0 55	16 29	1 12	15 51	1 1	3 6	0 43	16 18
W21	0 57	26 39	3 21	7 56	3 44	12 8	0 15	2 32	0 54	16 30	1 12	15 49	1 1	3 5	0 43	16 17
T 22	0 34	27 30	4 7	7 32	3 37	12 36	0 18	2 16	0 54	16 31	1 12	15 48	1 1	3 4	0 43	16 17
F 23	0 10	26 59	4 41	7 4	3 28	13 4	0 22	2 1	0 54	16 32	1 12	15 46	1 1	3 3	0 43	16 16
S 24	0s13	25 12	5 2	6 32	3 18	13 31	0 25	1 45	0 53	16 34	1 12	15 44	1 1	3 2	0 43	16 16
S 25	0 37	22 19	5 9	5 56	3 5	13 58	0 28	1 29	0 53	16 35	1 12	15 42	1 1	3 1	0 43	16 15
M26	1 0	18 31	5 3	5 16	2 51	14 25	0 31	1 13	0 53	16 36	1 12	15 40	1 2	3 0	0 43	16 15
T 27	1 24	14 0	4 44	4 35	2 35	14 52	0 34	0 57	0 52	16 37	1 12	15 38	1 2	2 59	0 43	16 14
W28	1 47	8 57	4 13	3 51	2 17	15 18	0 38	0 41	0 52	16 38	1 11	15 36	1 2	2 58	0 43	16 14
T 29	2 11	3 33	3 30	3 7	1 59	15 44	0 41	0 25	0 52	16 38	1 11	15 34	1 2	2 57	0 43	16 14
F 30	2s34	2n 2	2s38	2s23	1s39	16s10	0s44	0n10	0n51	16s39	1s11	15n32	1n 2	2n56	0s43	16n13

Julian Day Number = 2303499.5, Delta T = 96.26 sec

Ecliptic obliquity = 23°29'38", Nutation = - 0°00'11", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 19°05'00", Lahiri = 18°12'01"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1594

geocentric

OCTOBER 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 37 30	7♂26'30	23♂24	1°R10	13♂11	2♂13	17°R47	21♂1	9°R 1	16♂17	17°R28	11°R34	13♂3	3♂49	14°R31	S 1
S 2	0 41 27	8°25'43	5♂43	0♂16	14°23	2°53	17♂45	21° 7	8♂59	16°19	17♂27	11°D33	13° 0	3°55	14♂30	S 2
M 3	0 45 24	9°24'58	18°13	29♂30	15°35	3°32	17°42	21°13	8°57	16°20	17°26	11♂33	12°57	4° 2	14°29	M 3
T 4	0 49 20	10°24'15	0♂15	28°54	16°47	4°11	17°40	21°19	8°54	16°22	17°25	11°34	12°54	4° 9	14°28	T 4
W 5	0 53 17	11°23'34	13°52	28°27	17°59	4°50	17°39	21°25	8°52	16°23	17°24	11°35	12°50	4°15	14°27	W 5
T 6	0 57 13	12°22'56	27° 5	28°12	19°11	5°29	17°37	21°30	8°49	16°25	17°22	11°37	12°47	4°22	14°26	T 6
F 7	1 1 10	13°22'20	10♂38	28°D 7	20°23	6° 9	17°35	21°36	8°47	16°26	17°21	11°R38	12°44	4°29	14°25	F 7
S 8	1 5 6	14°21'47	24°30	28°13	21°35	6°48	17°34	21°42	8°44	16°28	17°20	11°37	12°41	4°36	14°24	S 8
S 9	1 9 3	15°21'16	8♂44	28°30	22°47	7°27	17°33	21°47	8°42	16°29	17°19	11°36	12°38	4°42	14°23	S 9
M10	1 12 59	16°20'47	23°15	28°57	23°59	8° 7	17°32	21°53	8°40	16°30	17°18	11°33	12°35	4°49	14°22	M10
T 11	1 16 56	17°20'20	8♂1	29°33	25°11	8°46	17°31	21°58	8°37	16°32	17°17	11°30	12°31	4°56	14°20	T 11
W12	1 20 53	18°19'56	22°54	0♂18	26°23	9°26	17°31	22° 4	8°35	16°33	17°16	11°27	12°28	5° 2	14°19	W12
T 13	1 24 49	19°19'33	7♂48	1°11	27°35	10° 5	17°31	22° 9	8°32	16°34	17°14	11°24	12°25	5° 9	14°17	T 13
F 14	1 28 46	20°19'13	22°33	2°12	28°46	10°45	17°D30	22°14	8°30	16°35	17°13	11°22	12°22	5°16	14°16	F 14
S 15	1 32 42	21°18'55	7♂2	3°18	29°58	11°24	17°31	22°20	8°28	16°36	17°12	11°D21	12°19	5°23	14°14	S 15
S 16	1 36 39	22°18'39	21°10	4°31	1♂10	12° 4	17°31	22°25	8°25	16°38	17°11	11°21	12°16	5°29	14°12	S 16
M17	1 40 35	23°18'25	4♂54	5°48	2°21	12°43	17°31	22°30	8°23	16°39	17°10	11°22	12°12	5°36	14°11	M17
T 18	1 44 32	24°18'12	18°12	7° 9	3°33	13°23	17°32	22°35	8°21	16°40	17° 9	11°23	12° 9	5°43	14° 9	T 18
W19	1 48 28	25°18'02	1♂6	8°34	4°44	14° 3	17°33	22°40	8°18	16°41	17° 8	11°25	12° 6	5°49	14° 7	W19
T 20	1 52 25	26°17'53	13°39	10° 2	5°56	14°42	17°34	22°44	8°16	16°42	17° 6	11°26	12° 3	5°56	14° 5	T 20
F 21	1 56 22	27°17'46	25°55	11°32	7° 7	15°22	17°36	22°49	8°14	16°43	17° 5	11°R26	12° 0	6° 3	14° 3	F 21
S 22	2 0 18	28°17'40	7♂59	13° 5	8°19	16° 2	17°37	22°54	8°12	16°44	17° 4	11°26	11°56	6°10	14° 1	S 22
S 23	2 4 15	29°17'36	19°54	14°39	9°30	16°41	17°39	22°58	8° 9	16°45	17° 3	11°25	11°53	6°16	13°58	S 23
M24	2 8 11	0♂17'34	1♂46	16°14	10°41	17°21	17°41	23° 3	8° 7	16°46	17° 2	11°24	11°50	6°23	13°56	M24
T 25	2 12 8	1°17'33	13°39	17°50	11°52	18° 1	17°43	23° 7	8° 5	16°47	17° 1	11°22	11°47	6°30	13°54	T 25
W26	2 16 4	2°17'34	25°36	19°27	13° 3	18°41	17°45	23°11	8° 3	16°47	17° 0	11°21	11°44	6°36	13°51	W26
T 27	2 20 1	3°17'37	7♂39	21° 5	14°15	19°21	17°48	23°15	8° 1	16°48	16°59	11°20	11°41	6°43	13°49	T 27
F 28	2 23 57	4°17'41	19°53	22°43	15°26	20° 0	17°50	23°20	7°59	16°49	16°57	11°19	11°37	6°50	13°47	F 28
S 29	2 27 54	5°17'48	2♂17	24°21	16°36	20°40	17°53	23°24	7°56	16°50	16°56	11°18	11°34	6°57	13°44	S 29
S 30	2 31 51	6°17'56	14°54	25°59	17°47	21°20	17°57	23°27	7°54	16°50	16°55	11°D18	11°31	7° 3	13°41	S 30
M31	2 35 47	7♂18'06	27♂44	27♂38	18♂58	22♂0	18♂0	23♂31	7♂52	16♂51	16♂54	11♂19	11♂28	7♂10	13♂39	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	2s58	7n36	1s37	1s40	1s19	16s35	0s47	0s 6	0n51	16s40	1s11	15n31	1n 2	2n55	0s43	16n13	0n14	9s18	17s30	15n20	15n48	14s37	17n35	5s 3	
S 2	3 21	12 58	0 32	1 0	0 58	17 0	0 51	0 22	0 51	16 41	1 11	15 29	1 2	2 54	0 43	16 12	0 14	9 19	17 30	15 20	15 47	14 34	17 34	5 3	
M 3	3 44	17 53	0n36	0 23	0 38	17 24	0 54	0 38	0 50	16 41	1 11	15 27	1 3	2 53	0 43	16 12	0 14	9 19	17 30	15 20	15 46	14 31	17 34	5 4	
T 4	4 8	22 5	1 44	0n10	0 18	17 48	0 57	0 54	0 50	16 42	1 11	15 25	1 3	2 52	0 43	16 11	0 14	9 20	17 30	15 20	15 45	14 28	17 33	5 4	
W 5	4 31	25 17	2 48	0 38	0n 1	18 12	1 0	1 10	0 50	16 42	1 11	15 23	1 3	2 51	0 43	16 11	0 14	9 20	17 30	15 21	15 44	14 26	17 32	5 5	
T 6	4 54	27 12	3 44	1 1	0 19	18 35	1 4	1 26	0 49	16 43	1 11	15 22	1 3	2 50	0 43	16 10	0 14	9 20	17 30	15 21	15 43	14 23	17 32	5 5	
F 7	5 17	27 32	4 29	1 18	0 36	18 57	1 7	1 42	0 49	16 43	1 10	15 20	1 3	2 50	0 43	16 10	0 14	9 21	17 30	15 21	15 42	14 20	17 31	5 6	
S 8	5 41	26 11	5 0	1 30	0 51	19 20	1 10	1 58	0 48	16 43	1 10	15 18	1 3	2 49	0 43	16 10	0 14	9 21	17 30	15 21	15 41	14 17	17 31	5 6	
S 9	6 4	23 9	5 13	1 36	1 5	19 41	1 13	2 14	0 48	16 43	1 10	15 17	1 4	2 48	0 43	16 9	0 14	9 22	17 30	15 21	15 40	14 14	17 30	5 6	
M10	6 27	18 38	5 7	1 36	1 17	20 3	1 16	2 30	0 48	16 44	1 10	15 15	1 4	2 47	0 43	16 9	0 14	9 22	17 30	15 20	15 39	14 12	17 30	5 7	
T 11	6 49	12 55	4 41	1 32	1 28	20 23	1 19	2 46	0 47	16 44	1 10	15 13	1 4	2 46	0 43	16 9	0 14	9 23	17 30	15 19	15 38	14 9	17 29	5 7	
W12	7 12	6 26	3 56	1 22	1 37	20 43	1 23	3 2	0 47	16 44	1 10	15 12	1 4	2 45	0 43	16 8	0 14	9 23	17 30	15 18	15 37	14 6	17 28	5 8	
T 13	7 35	0s26	2 54	1 8	1 45	21 3	1 26	3 17	0 47	16 44	1 10	15 10	1 4	2 44	0 43	16 8	0 14	9 23	17 30	15 17	15 36	14 3	17 28	5 8	
F 14	7 57	7 13	1 42	0 50	1 51	21 22	1 29	3 33	0 46	16 44	1 10	15 9	1 4	2 43	0 43	16 7	0 14	9 24	17 30	15 16	15 35	14 0	17 27	5 9	
S 15	8 20	13 31	0 24	0 28	1 56	21 41	1 32	3 49	0 46	16 43	1 9	15 7	1 5	2 42	0 43	16 7	0 14	9 24	17 30	15 16	15 34	13 58	17 27	5 9	
S 16	8 42	18 58	0s54	0 2	2 0	21 59	1 35	4 5	0 45	16 43	1 9	15 6	1 5	2 41	0 43	16 7	0 14	9 25	17 30	15 16	15 33	13 55	17 26	5 10	
M17	9 5	23 14	2 6	0s26	2 2	22 16	1 38	4 21	0 45	16 43	1 9	15 4	1 5	2 40	0 43	16 6	0 14	9 25	17 30	15 17	15 32	13 52	17 25	5 10	
T 18	9 27	26 7	3 10	0 57	2 4	22 33	1 40	4 37	0 45	16 42	1 9	15 3	1 5	2 39	0 43	16 6	0 14	9 25	17 30	15 17	15 31	13 49	17 25	5 10	
W19	9 49	27 31	4 1	1 30	2 5	22 50	1 43	4 52	0 44	16 42	1 9	15 1	1 5	2 38	0 43	16 6	0 14	9 26	17 30	15 17	15 30	13 46	17 24	5 11	
T 20	10 10	27 26	4 40	2 5	2 4	23 5	1 46	5 8	0 44	16 42	1 9	15 0	1 6	2 38	0 43	16 6	0 14	9 26	17 30	15 18	15 29	13 43	17 23	5 11	
F 21	10 32	26 0	5 5	2 41	2 3	23 20	1 49	5 24	0 43	16 41	1 9	14 59	1 6	2 37	0 43	16 5	0 14	9 26	17 30	15 18	15 28	13 41	17 23	5 12	
S 22	10 54	23 23	5 16	3 19	2 1	23 35	1 52	5 40	0 43	16 40	1 8	14 57	1 6	2 36	0 43	16 5	0 14	9 27	17 30	15 18	15 27	13 38	17 22	5 12	
S 23	11 15	19 49	5 13	3 58	1 59	23 49	1 54	5 55	0 43	16 40	1 8	14 56	1 6	2 35	0 43	16 5	0 14	9 27	17 30	15 17	15 26	13 35	17 21	5 13	
M24	11 36	15 29	4 57	4 37	1 55	24 2	1 57	6 11	0 42	16 39	1 8	14 55	1 6	2 34	0 43	16 4	0 14	9 27	17 30	15 17	15 25	13 32	17 21	5 13	
T 25	11 57	10 33	4 28	5 17	1 52	24 14	1 59	6 26	0 42	16 38	1 8	14 53	1 6	2 33	0 43	16 4	0 14	9 28	17 29	15 17	15 24	13 29	17 20	5 13	
W26	12 18	5 14	3 47	5 58	1 48	24 26	2 2	6 42	0 41	16 37	1 8	14 52	1 7	2 32	0 43	16 4	0 14	9 28	17 29	15 16	15 23	13 26	17 19	5 14	
T 27	12 38	0n21	2 56	6 39	1 43	24 37	2 4	6 57	0 41	16 36	1 8	14 51	1 7	2 32	0 43	16 4	0 14	9 28	17 29	15 16	15 22	13 24	17 19	5 14	
F 28	12 59	6 0	1 56	7 20	1 38	24 48	2 7	7 13	0 40	16 36	1 8	14 50	1 7	2 31	0 43	16 4	0 14	9 29	17 29	15 16	15 21	13 21	17 18	5 15	
S 29	13 19	11 31	0 50	8 1	1 33	24 58	2 9	7 28	0 40	16 34	1 7	14 49	1 7	2 30	0 43	16 3	0 14	9 29	17 29	15 15	15 20	13 18	17 17	5 15	
S 30	13 39	16 40	0n20	8 42	1 27	25 7	2 11	7 44	0 40	16 33	1 7	14 48	1 7	2 29	0 43	16 3	0 14	9 29	17 29	15 15	15 19	13 15	17 17	5 15	
M31	13s59	21n 9	1n30	9s23	1n22	25s15	2s13	7s59	0n39	16s32	1s 7	14n46	1n 8	2n28	0s43	16n 3	0n14	9s30	17s29	15n15	15n18	13s12	17n16	5s16	

ASTRODIENST EPHEMERIS for the year 1594
geocentric

NOVEMBER 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 44	8♉18'18	10♈47	29♊16	20♈ 9	22♊40	18♈ 3	23♊35	7♈50	16♊52	16♈53	11♈19	11♈25	7♈17	13♈36	T 1
W 2	2 43 40	9°18'32	24° 3	0♉54	21°19	23°20	18° 7	23°39	7♈48	16°52	16♈52	11°19	11°22	7°23	13♈33	W 2
T 3	2 47 37	10°18'48	7♈33	2°32	22°30	24° 0	18°11	23°42	7°46	16°53	16°51	11°19	11°18	7°30	13°30	T 3
F 4	2 51 33	11°19'06	21°15	4°10	23°40	24°41	18°15	23°46	7°45	16°54	16°50	11°R19	11°15	7°37	13°27	F 4
S 5	2 55 30	12°19'27	5♈ 9	5°48	24°51	25°21	18°19	23°49	7°43	16°54	16°49	11°19	11°12	7°44	13°25	S 5
S 6	2 59 26	13°19'49	19°14	7°26	26° 1	26° 1	18°24	23°52	7°41	16°55	16°48	11°D19	11° 9	7°50	13°22	S 6
M 7	3 3 23	14°20'13	3♈30	9° 3	27°11	26°41	18°28	23°55	7°39	16°55	16°47	11°19	11° 6	7°57	13°19	M 7
T 8	3 7 20	15°20'38	17°52	10°40	28°22	27°21	18°33	23°58	7°37	16°55	16°46	11°20	11° 2	8° 4	13°15	T 8
W 9	3 11 16	16°21'06	2♈18	12°17	29°32	28° 2	18°38	24° 1	7°35	16°56	16°45	11°20	10°59	8°10	13°12	W 9
T 10	3 15 13	17°21'36	16°43	13°53	0♈42	28°42	18°43	24° 4	7°34	16°56	16°44	11°21	10°56	8°17	13° 9	T 10
F 11	3 19 9	18°22'07	1♈ 3	15°29	1°52	29°22	18°48	24° 7	7°32	16°56	16°43	11°21	10°53	8°24	13° 6	F 11
S 12	3 23 6	19°22'41	15°13	17° 5	3° 1	0♈ 3	18°54	24°10	7°30	16°57	16°42	11°R21	10°50	8°30	13° 3	S 12
S 13	3 27 2	20°23'15	29° 7	18°41	4°11	0°43	19° 0	24°12	7°29	16°57	16°41	11°21	10°47	8°37	12°59	S 13
M14	3 30 59	21°23'52	12♈44	20°16	5°21	1°23	19° 6	24°15	7°27	16°57	16°40	11°20	10°43	8°44	12°56	M14
T 15	3 34 55	22°24'30	26° 0	21°51	6°30	2° 4	19°12	24°17	7°26	16°57	16°39	11°19	10°40	8°51	12°53	T 15
W16	3 38 52	23°25'09	8♈55	23°26	7°40	2°44	19°18	24°19	7°24	16°57	16°39	11°17	10°37	8°57	12°49	W16
T 17	3 42 49	24°25'49	21°31	25° 1	8°49	3°25	19°24	24°21	7°23	16°58	16°38	11°15	10°34	9° 4	12°46	T 17
F 18	3 46 45	25°26'30	3♈50	26°36	9°58	4° 5	19°31	24°23	7°21	16°58	16°37	11°14	10°31	9°11	12°42	F 18
S 19	3 50 42	26°27'13	15°55	28°10	11° 7	4°46	19°37	24°25	7°20	16°R58	16°36	11°12	10°28	9°17	12°39	S 19
S 20	3 54 38	27°27'57	27°51	29°44	12°16	5°27	19°44	24°27	7°19	16°58	16°35	11°D12	10°24	9°24	12°35	S 20
M21	3 58 35	28°28'41	9♈43	1♈19	13°25	6° 7	19°51	24°29	7°17	16°58	16°34	11°13	10°21	9°31	12°32	M21
T 22	4 2 31	29°29'27	21°35	2°53	14°33	6°48	19°59	24°30	7°16	16°58	16°33	11°14	10°18	9°38	12°28	T 22
W23	4 6 28	0♈30'14	3♈33	4°26	15°42	7°29	20° 6	24°32	7°15	16°57	16°33	11°15	10°15	9°44	12°25	W23
T 24	4 10 24	1°31'01	15°40	6° 0	16°50	8° 9	20°13	24°33	7°14	16°57	16°32	11°17	10°12	9°51	12°21	T 24
F 25	4 14 21	2°31'50	28° 0	7°34	17°58	8°50	20°21	24°35	7°13	16°57	16°31	11°18	10° 8	9°58	12°17	F 25
S 26	4 18 18	3°32'40	10♈36	9° 8	19° 6	9°31	20°29	24°36	7°12	16°57	16°30	11°R19	10° 5	10° 4	12°14	S 26
S 27	4 22 14	4°33'31	23°30	10°41	20°14	10°12	20°37	24°37	7°11	16°57	16°30	11°18	10° 2	10°11	12°10	S 27
M28	4 26 11	5°34'23	6♈42	12°15	21°22	10°53	20°45	24°38	7°10	16°56	16°29	11°16	9°59	10°18	12° 6	M28
T 29	4 30 7	6°35'16	20°11	13°48	22°29	11°33	20°53	24°38	7° 9	16°56	16°28	11°13	9°56	10°24	12° 3	T 29
W30	4 34 4	7♈36'10	3♈55	15♈22	23♈36	12♈14	21° 2	24°39	7♈ 8	16°56	16°28	11♈10	9♈53	10♈31	11♈59	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	14s18	24n42	2n36	10s 3	1n16	25s23	2s16	8s14	0n39	16s31	1s 7	14n45	1n 8	2n28	0s43	16n 3	0n14	9s30	17s29	15n16	15n17	13s 9	17n15	5s16			
W 2	14 38	26 57	3 36	10 44	1 10	25 30	2 18	8 30	0 38	16 30	1 7	14 44	1 8	2 27	0 43	16 3	0 14	9 30	17 28	15 16	15 16	13 6	17 15	5 16			
T 3	14 57	27 40	4 24	11 23	1 3	25 36	2 20	8 45	0 38	16 28	1 7	14 43	1 8	2 26	0 43	16 2	0 14	9 30	17 28	15 16	15 15	13 3	17 14	5 17			
F 4	15 16	26 43	4 58	12 3	0 57	25 42	2 21	9 0	0 37	16 27	1 7	14 42	1 8	2 25	0 43	16 2	0 14	9 30	17 28	15 16	15 14	13 0	17 13	5 17			
S 5	15 34	24 7	5 15	12 42	0 50	25 47	2 23	9 15	0 37	16 26	1 6	14 42	1 9	2 25	0 43	16 2	0 14	9 31	17 28	15 16	15 13	12 58	17 13	5 17			
S 6	15 53	20 3	5 14	13 20	0 44	25 51	2 25	9 30	0 36	16 24	1 6	14 41	1 9	2 24	0 43	16 2	0 15	9 31	17 28	15 16	15 12	12 55	17 12	5 18			
M 7	16 11	14 48	4 54	13 58	0 37	25 54	2 27	9 45	0 36	16 22	1 6	14 40	1 9	2 23	0 43	16 2	0 15	9 31	17 28	15 16	15 11	12 52	17 11	5 18			
T 8	16 28	8 43	4 15	14 35	0 30	25 57	2 28	10 0	0 35	16 21	1 6	14 39	1 9	2 23	0 43	16 2	0 15	9 31	17 27	15 16	15 10	12 49	17 11	5 18			
W 9	16 46	2 9	3 20	15 11	0 24	25 59	2 30	10 15	0 35	16 19	1 6	14 38	1 9	2 22	0 43	16 2	0 15	9 32	17 27	15 16	15 9	12 46	17 10	5 19			
T 10	17 3	4s33	2 12	15 46	0 17	26 0	2 31	10 30	0 35	16 17	1 6	14 37	1 10	2 21	0 43	16 2	0 15	9 32	17 27	15 16	15 8	12 43	17 9	5 19			
F 11	17 20	10 59	0 57	16 21	0 10	26 1	2 32	10 45	0 34	16 16	1 6	14 37	1 10	2 21	0 43	16 2	0 15	9 32	17 27	15 16	15 7	12 40	17 9	5 19			
S 12	17 37	16 47	0s21	16 55	0 3	26 1	2 33	10 59	0 34	16 14	1 6	14 36	1 10	2 20	0 43	16 2	0 15	9 32	17 27	15 16	15 6	12 37	17 8	5 20			
S 13	17 53	21 35	1 37	17 28	0s 3	26 0	2 34	11 14	0 33	16 12	1 5	14 35	1 10	2 19	0 43	16 1	0 15	9 32	17 26	15 16	15 5	12 34	17 7	5 20			
M14	18 9	25 6	2 45	18 1	0 10	25 58	2 35	11 28	0 33	16 10	1 5	14 35	1 11	2 19	0 43	16 1	0 15	9 32	17 26	15 16	15 4	12 31	17 6	5 20			
T 15	18 25	27 9	3 43	18 32	0 17	25 56	2 36	11 43	0 32	16 8	1 5	14 34	1 11	2 18	0 43	16 1	0 15	9 32	17 26	15 15	15 3	12 28	17 6	5 20			
W16	18 40	27 38	4 27	19 3	0 23	25 53	2 37	11 57	0 32	16 6	1 5	14 34	1 11	2 18	0 43	16 1	0 15	9 33	17 26	15 15	15 3	12 26	17 5	5 21			
T 17	18 55	26 40	4 58	19 33	0 30	25 49	2 38	12 12	0 31	16 4	1 5	14 33	1 11	2 17	0 42	16 1	0 15	9 33	17 26	15 14	15 2	12 23	17 4	5 21			
F 18	19 10	24 25	5 13	20 1	0 36	25 45	2 38	12 26	0 31	16 1	1 5	14 33	1 11	2 17	0 42	16 1	0 15	9 33	17 25	15 14	15 1	12 20	17 4	5 21			
S 19	19 24	21 6	5 15	20 29	0 42	25 40	2 39	12 40	0 30	15 59	1 5	14 32	1 12	2 16	0 42	16 1	0 15	9 33	17 25	15 14	15 0	12 17	17 3	5 21			
S 20	19 38	16 59	5 3	20 56	0 49	25 34	2 39	12 54	0 30	15 57	1 4	14 32	1 12	2 16	0 42	16 1	0 15	9 33	17 25	15 13	14 59	12 14	17 2	5 22			
M21	19 52	12 14	4 38	21 22	0 55	25 27	2 39	13 8	0 29	15 55	1 4	14 31	1 12	2 15	0 42	16 1	0 15	9 33	17 25	15 14	14 58	12 11	17 2	5 22			
T 22	20 5	7 2	4 1	21 46	1 1	25 20	2 39	13 22	0 29	15 52	1 4	14 31	1 12	2 15	0 42	16 1	0 15	9 33	17 24	15 14	14 57	12 8	17 1	5 22			
W23	20 18	1 33	3 13	22 10	1 7	25 12	2 39	13 36	0 28	15 50	1 4	14 31	1 12	2 14	0 42	16 1	0 15	9 33	17 24	15 14	14 56	12 5	17 0	5 22			
T 24	20 31	4n 5	2 17	22 33	1 12	25 3	2 39	13 49	0 28	15 47	1 4	14 31	1 13	2 14	0 42	16 2	0 15	9 33	17 24	15 15	14 55	12 2	17 0	5 22			
F 25	20 43	9 39	1 13	22 54	1 18	24 54	2 39	14 3	0 27	15 45	1 4	14 30	1 13	2 13	0 42	16 2	0 15	9 33	17 24	15 15	14 54	11 59	16 59	5 23			
S 26	20 55	14 59	0 4	23 14	1 23	24 44	2 38	14 16	0 27	15 42	1 4	14 30	1 13	2 13	0 42	16 2	0 15	9 33	17 23	15 16	14 53	11 56	16 59	5 23			
S 27	21 6	19 46	1n 7	23 33	1 28	24 34	2 38	14 30	0 26	15 39	1 4	14 30	1 13	2 13	0 42	16 2	0 15	9 33	17 23	15 15	14 52	11 53	16 58	5 23			
M28	21 17	23 42	2 15	23 51	1 33	24 23	2 37	14 43	0 26	15 37	1 3	14 30	1 14	2 12	0 42	16 2	0 15	9 33	17 23	15 15	14 51	11 50	16 57	5 23			
T 29	21 28	26 25	3 17	24 8	1 38	24 11	2 36	14 56	0 25	15 34	1 3	14 30	1 14	2 12	0 42	16 2	0 15	9 33	17 22	15 14	14 50	11 47	16 57	5 23			
W30	21s38	27n35	4n 9	24s23	1s43	23s58	2s35	15s 9	0n24	15s31	1s 3	14n30	1n14	2n12	0s42	16n 2	0n15	9s33	17s22	15n13	14n48	11s44	16n56	5s23			

ASTRODIENST EPHEMERIS for the year 1594
geocentric

DECEMBER 1594 GC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 38 0	8 ^h 37'06	17 ^h 51	16 ^h 56	24 ^h 43	12 ^h 55	21 ^h 10	24 ^h 40	7 ^h R 7	16 ^h R55	16 ^h R27	11 ^h R 5	9 ^h 849	10 ^h 38	11 ^h R55	T 1
F 2	4 41 57	9 ^h 38'03	1 ^h 55	18 ^h 29	25 ^h 50	13 ^h 36	21 ^h 19	24 ^h 40	7 ^h Y 7	16 ^h 55	16 ^h Y26	11 ^h 8 1	9 ^h 46	10 ^h 45	11 ^h II52	F 2
S 3	4 45 53	10 ^h 39'00	16 ^h 5	20 ^h 3	26 ^h 57	14 ^h 17	21 ^h 28	24 ^h 41	7 ^h 6	16 ^h 55	16 ^h 26	10 ^h 58	9 ^h 43	10 ^h 51	11 ^h 48	S 3
S 4	4 49 50	11 ^h 39'59	0 ^h 16	21 ^h 36	28 ^h 3	14 ^h 58	21 ^h 37	24 ^h 41	7 ^h 5	16 ^h 54	16 ^h 25	10 ^h 56	9 ^h 40	10 ^h 58	11 ^h 44	S 4
M 5	4 53 47	12 ^h 41'00	14 ^h 26	23 ^h 9	29 ^h 10	15 ^h 39	21 ^h 46	24 ^h 41	7 ^h 5	16 ^h 54	16 ^h 25	10 ^h D56	9 ^h 37	11 ^h 5	11 ^h 41	M 5
T 6	4 57 43	13 ^h 42'01	28 ^h 34	24 ^h 43	0 ^h 16	16 ^h 21	21 ^h 55	24 ^h R41	7 ^h 4	16 ^h 53	16 ^h 24	10 ^h 56	9 ^h 34	11 ^h 11	11 ^h 37	T 6
W 7	5 1 40	14 ^h 43'03	12 ^h 37	26 ^h 16	1 ^h 22	17 ^h 2	22 ^h 4	24 ^h 41	7 ^h 3	16 ^h 52	16 ^h 24	10 ^h 58	9 ^h 30	11 ^h 18	11 ^h 33	W 7
T 8	5 5 36	15 ^h 44'07	26 ^h 35	27 ^h 49	2 ^h 27	17 ^h 43	22 ^h 14	24 ^h 41	7 ^h 3	16 ^h 52	16 ^h 23	10 ^h 59	9 ^h 27	11 ^h 25	11 ^h 29	T 8
F 9	5 9 33	16 ^h 45'11	10 ^h 26	29 ^h 22	3 ^h 33	18 ^h 24	22 ^h 23	24 ^h 41	7 ^h 3	16 ^h 51	16 ^h 22	11 ^h R 0	9 ^h 24	11 ^h 31	11 ^h 26	F 9
S 10	5 13 29	17 ^h 46'17	24 ^h 7	0 ^h 55	4 ^h 38	19 ^h 5	22 ^h 33	24 ^h 40	7 ^h 2	16 ^h 51	16 ^h 22	10 ^h 59	9 ^h 21	11 ^h 38	11 ^h 22	S 10
S 11	5 17 26	18 ^h 47'23	7 ^h 38	2 ^h 28	5 ^h 43	19 ^h 47	22 ^h 43	24 ^h 40	7 ^h 2	16 ^h 50	16 ^h 22	10 ^h 56	9 ^h 18	11 ^h 45	11 ^h 18	S 11
M 12	5 21 22	19 ^h 48'30	20 ^h 57	4 ^h 0	6 ^h 47	20 ^h 28	22 ^h 53	24 ^h 39	7 ^h 2	16 ^h 49	16 ^h 21	10 ^h 52	9 ^h 14	11 ^h 52	11 ^h 15	M 12
T 13	5 25 19	20 ^h 49'38	4 ^h 3 0	5 ^h 32	7 ^h 51	21 ^h 9	23 ^h 3	24 ^h 38	7 ^h 1	16 ^h 48	16 ^h 21	10 ^h 45	9 ^h 11	11 ^h 58	11 ^h 11	T 13
W 14	5 29 16	21 ^h 50'46	16 ^h 48	7 ^h 4	8 ^h 55	21 ^h 51	23 ^h 14	24 ^h 37	7 ^h 1	16 ^h 48	16 ^h 20	10 ^h 38	9 ^h 8	12 ^h 5	11 ^h 7	W 14
T 15	5 33 12	22 ^h 51'55	29 ^h 20	8 ^h 35	9 ^h 59	22 ^h 32	23 ^h 24	24 ^h 36	7 ^h 1	16 ^h 47	16 ^h 20	10 ^h 30	9 ^h 5	12 ^h 12	11 ^h 4	T 15
F 16	5 37 9	23 ^h 53'03	11 ^h 38	10 ^h 5	11 ^h 3	23 ^h 14	23 ^h 34	24 ^h 35	7 ^h 1	16 ^h 46	16 ^h 20	10 ^h 22	9 ^h 2	12 ^h 18	11 ^h 0	F 16
S 17	5 41 5	24 ^h 54'13	23 ^h 43	11 ^h 34	12 ^h 6	23 ^h 55	23 ^h 45	24 ^h 34	7 ^h D 1	16 ^h 45	16 ^h 19	10 ^h 16	8 ^h 59	12 ^h 25	10 ^h 56	S 17
S 18	5 45 2	25 ^h 55'22	5 ^h 39	13 ^h 2	13 ^h 8	24 ^h 37	23 ^h 56	24 ^h 33	7 ^h 1	16 ^h 44	16 ^h 19	10 ^h 11	8 ^h 55	12 ^h 32	10 ^h 53	S 18
M 19	5 48 58	26 ^h 56'31	17 ^h 30	14 ^h 29	14 ^h 11	25 ^h 18	24 ^h 6	24 ^h 31	7 ^h 1	16 ^h 43	16 ^h 19	10 ^h 9	8 ^h 52	12 ^h 39	10 ^h 49	M 19
T 20	5 52 55	27 ^h 57'40	29 ^h 21	15 ^h 55	15 ^h 13	26 ^h 0	24 ^h 17	24 ^h 30	7 ^h 1	16 ^h 42	16 ^h 18	10 ^h D 8	8 ^h 49	12 ^h 45	10 ^h 46	T 20
W 21	5 56 52	28 ^h 58'50	11 ^h Y16	17 ^h 18	16 ^h 14	26 ^h 41	24 ^h 28	24 ^h 28	7 ^h 2	16 ^h 41	16 ^h 18	10 ^h 9	8 ^h 46	12 ^h 52	10 ^h 42	W 21
T 22	6 0 48	29 ^h 59'59	23 ^h 22	18 ^h 39	17 ^h 16	27 ^h 23	24 ^h 40	24 ^h 26	7 ^h 2	16 ^h 40	16 ^h 18	10 ^h 10	8 ^h 43	12 ^h 59	10 ^h 39	T 22
F 23	6 4 45	1 ^h 3 1'09	5 ^h 43	19 ^h 58	18 ^h 16	28 ^h 5	24 ^h 51	24 ^h 25	7 ^h 2	16 ^h 39	16 ^h 18	10 ^h R11	8 ^h 40	13 ^h 5	10 ^h 35	F 23
S 24	6 8 41	2 ^h 2'18	18 ^h 24	21 ^h 13	19 ^h 17	28 ^h 46	25 ^h 2	24 ^h 23	7 ^h 3	16 ^h 38	16 ^h 18	10 ^h 11	8 ^h 36	13 ^h 12	10 ^h 32	S 24
S 25	6 12 38	3 ^h 3'27	1 ^h II27	22 ^h 24	20 ^h 17	29 ^h 28	25 ^h 14	24 ^h 21	7 ^h 3	16 ^h 37	16 ^h 17	10 ^h 9	8 ^h 33	13 ^h 19	10 ^h 29	S 25
M 26	6 16 34	4 ^h 4'37	14 ^h 54	23 ^h 32	21 ^h 16	0 ^h 10	25 ^h 25	24 ^h 18	7 ^h 3	16 ^h 36	16 ^h 17	10 ^h 4	8 ^h 30	13 ^h 25	10 ^h 25	M 26
T 27	6 20 31	5 ^h 5'46	28 ^h 45	24 ^h 34	22 ^h 15	0 ^h 52	25 ^h 37	24 ^h 16	7 ^h 4	16 ^h 35	16 ^h 17	9 ^h 57	8 ^h 27	13 ^h 32	10 ^h 22	T 27
W 28	6 24 27	6 ^h 6'56	12 ^h 56	25 ^h 30	23 ^h 14	1 ^h 34	25 ^h 48	24 ^h 14	7 ^h 5	16 ^h 34	16 ^h 17	9 ^h 49	8 ^h 24	13 ^h 39	10 ^h 19	W 28
T 29	6 28 24	7 ^h 8'05	27 ^h 22	26 ^h 20	24 ^h 12	2 ^h 15	26 ^h 0	24 ^h 11	7 ^h 5	16 ^h 32	16 ^h 17	9 ^h 39	8 ^h 20	13 ^h 46	10 ^h 15	T 29
F 30	6 32 21	8 ^h 9'15	11 ^h 56	27 ^h 3	25 ^h 9	2 ^h 57	26 ^h 12	24 ^h 9	7 ^h 6	16 ^h 31	16 ^h 17	9 ^h 29	8 ^h 17	13 ^h 52	10 ^h 12	F 30
S 31	6 36 17	9 ^h 310'24	26 ^h 32	27 ^h 37	26 ^h 6	3 ^h 39	26 ^h 24	24 ^h 6	7 ^h Y 7	16 ^h 30	16 ^h D17	9 ^h 821	8 ^h 14	13 ^h 59	10 ^h II 9	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
T 1	21s47	27n 3	4n48	24s37	1s47	23s45	2s34	15s22	0n24	15s28	1 s 3	14n30	1n14	2n11	0s42	16n 2	0n15	9s33	17s22	15n11	14n47	11s41	16n55	5s24					
F 2	21 57	24 47	5 9	24 50	1 51	23 32	2 33	15 35	0 23	15 25	1 3	14 30	1 14	2 11	0 42	16 2	0 15	9 33	17 22	15 10	14 46	11 38	16 55	5 24					
S 3	22 6	21 0	5 11	25 2	1 55	23 17	2 31	15 48	0 23	15 22	1 3	14 30	1 15	2 11	0 42	16 3	0 15	9 33	17 21	15 9	14 45	11 35	16 54	5 24					
S 4	22 14	16 0	4 55	25 12	1 58	23 3	2 30	16 1	0 22	15 19	1 3	14 30	1 15	2 11	0 42	16 3	0 15	9 33	17 21	15 8	14 44	11 32	16 54	5 24					
M 5	22 22	10 9	4 21	25 20	2 2	22 47	2 28	16 13	0 22	15 16	1 3	14 30	1 15	2 10	0 42	16 3	0 15	9 33	17 21	15 8	14 43	11 29	16 53	5 24					
T 6	22 30	3 48	3 31	25 28	2 5	22 31	2 26	16 26	0 21	15 13	1 3	14 30	1 15	2 10	0 42	16 3	0 15	9 33	17 20	15 9	14 42	11 26	16 52	5 24					
W 7	22 37	2s43	2 29	25 34	2 7	22 15	2 25	16 38	0 21	15 10	1 2	14 31	1 16	2 10	0 42	16 3	0 15	9 33	17 20	15 9	14 41	11 23	16 52	5 24					
T 8	22 44	9 4	1 18	25 38	2 9	21 58	2 22	16 50	0 20	15 7	1 2	14 31	1 16	2 10	0 42	16 3	0 15	9 33	17 20	15 9	14 40	11 20	16 51	5 24					
F 9	22 50	14 56	0 3	25 41	2 11	21 41	2 20	17 2	0 19	15 4	1 2	14 31	1 16	2 10	0 42	16 4	0 15	9 33	17 19	15 10	14 39	11 17	16 51	5 24					
S 10	22 56	19 59	1s11	25 42	2 13	21 23	2 18	17 14	0 19	15 0	1 2	14 32	1 16	2 10	0 42	16 4	0 15	9 32	17 19	15 9	14 38	11 14	16 50	5 24					
S 11	23 1	23 56	2 20	25 42	2 14	21 4	2 15	17 26	0 18	14 57	1 2	14 32	1 16	2 10	0 42	16 4	0 15	9 32	17 19	15 9	14 37	11 11	16 50	5 25					
M12	23 6	26 30	3 20	25 41	2 15	20 45	2 13	17 37	0 18	14 54	1 2	14 32	1 17	2 10	0 42	16 4	0 15	9 32	17 18	15 7	14 36	11 8	16 49	5 25					
T 13	23 11	27 34	4 8	25 37	2 15	20 26	2 10	17 49	0 17	14 50	1 2	14 33	1 17	2 10	0 42	16 5	0 15	9 32	17 18	15 5	14 35	11 5	16 49	5 25					
W14	23 15	27 6	4 43	25 33	2 15	20 6	2 7	18 0	0 17	14 47	1 2	14 33	1 17	2 9	0 41	16 5	0 15	9 32	17 18	15 3	14 34	11 2	16 48	5 25					
T 15	23 18	25 16	5 3	25 26	2 14	19 46	2 3	18 11	0 16	14 43	1 2	14 34	1 17	2 9	0 41	16 5	0 15	9 32	17 17	15 0	14 33	10 59	16 48	5 25					
F 16	23 21	22 16	5 8	25 19	2 12	19 25	2 0	18 23	0 15	14 40	1 2	14 34	1 18	2 9	0 41	16 5	0 15	9 31	17 17	14 58	14 32	10 56	16 47	5 25					
S 17	23 24	18 22	5 0	25 9	2 10	19 4	1 57	18 33	0 15	14 36	1 1	14 35	1 18	2 10	0 41	16 6	0 15	9 31	17 17	14 56	14 31	10 53	16 47	5 25					
S 18	23 26	13 47	4 39	24 58	2 8	18 43	1 53	18 44	0 14	14 32	1 1	14 36	1 18	2 10	0 41	16 6	0 15	9 31	17 16	14 54	14 30	10 50	16 46	5 25					
M19	23 28	8 43	4 6	24 46	2 4	18 21	1 49	18 55	0 13	14 29	1 1	14 36	1 18	2 10	0 41	16 6	0 15	9 31	17 16	14 54	14 29	10 47	16 46	5 25					
T 20	23 29	3 21	3 22	24 32	2 0	17 59	1 45	19 5	0 13	14 25	1 1	14 37	1 18	2 10	0 41	16 7	0 15	9 31	17 16	14 53	14 28	10 44	16 45	5 25					
W21	23 29	2n11	2 29	24 17	1 55	17 37	1 41	19 16	0 12	14 21	1 1	14 38	1 19	2 10	0 41	16 7	0 15	9 30	17 15	14 54	14 27	10 41	16 45	5 25					
T 22	23 30	7 43	1 29	24 0	1 50	17 14	1 37	19 26	0 12	14 17	1 1	14 39	1 19	2 10	0 41	16 7	0 15	9 30	17 15	14 54	14 26	10 38	16 44	5 25					
F 23	23 29	13 5	0 24	23 43	1 43	16 51	1 32	19 36	0 11	14 14	1 1	14 39	1 19	2 10	0 41	16 8	0 15	9 30	17 14	14 54	14 25	10 35	16 44	5 24					
S 24	23 29	18 3	0n44	23 24	1 36	16 27	1 27	19 46	0 10	14 10	1 1	14 40	1 19	2 10	0 41	16 8	0 15	9 30	17 14	14 54	14 24	10 32	16 43	5 24					
S 25	23 28	22 19	1 52	23 4	1 27	16 4	1 22	19 55	0 10	14 6	1 1	14 41	1 19	2 11	0 41	16 8	0 15	9 29	17 14	14 54	14 23	10 29	16 43	5 24					
M26	23 26	25 32	2 55	22 43	1 18	15 40	1 17	20 5	0 9	14 2	1 1	14 42	1 20	2 11	0 41	16 9	0 15	9 29	17 13	14 52	14 22	10 26	16 43	5 24					
T 27	23 24	27 19	3 50	22 22	1 8	15 16	1 12	20 14	0 8	13 58	1 1	14 43	1 20	2 11	0 41	16 9	0 15	9 29	17 13	14 50	14 21	10 22	16 42	5 24					
W28	23 21	27 22	4 32	22 0	0 56	14 51	1 7	20 24	0 8	13 54	1 1	14 44	1 20	2 11	0 41	16 9	0 16	9 28	17 13	14 47	14 20	10 19	16 42	5 24					
T 29	23 18	25 35	4 57	21 38	0 43	14 27	1 1	20 33	0 7	13 50	1 0	14 45	1 20	2 12	0 41	16 10	0 16	9 28	17 12	14 44	14 19	10 16	16 42	5 24					
F 30	23 15	22 6	5 4	21 17	0 29	14 2	0 55	20 41	0 7	13 45	1 0	14 46	1 21	2 12	0 41	16 10	0 16	9 28	17 12	14 41	14 18	10 13	16 41	5 24					
S 31	23s11	17n15	4n51	20s55	0s14	13s37	0s49	20s50	0n 6	13s41	1 s 0	14n47	1n21	2n12	0s41	16n10	0n16	9s27	17s12	14n39	14n17	10s10	16n41	5s24					