



Astrodienst Ephemeris Tables for the year 1556

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 1556
geocentric

JANUARY 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	7 17 28	19°50'56	7°27	6°R 6	22°347	15°46	28°36	5°52	1°20	17°R10	3°2	13°R14	11°59	18°14	11°41	W 1
T 2	7 21 25	20°52'02	19°42	5°27	24° 2	16°33	28°46	5°56	1°21	17°8 9	3° 3	13°II 9	11°56	18°20	11°43	T 2
F 3	7 25 21	21°53'07	1°45	4°58	25°18	17°20	28°57	5°59	1°23	17° 9	3° 4	13° 5	11°53	18°27	11°45	F 3
S 4	7 29 18	22°54'12	13°39	4°39	26°33	18° 8	29° 7	6° 3	1°24	17° 8	3° 6	13° 2	11°50	18°34	11°46	S 4
S 5	7 33 14	23°55'16	25°29	4°28	27°49	18°55	29°17	6° 7	1°25	17° 8	3° 7	13°D 2	11°46	18°41	11°48	S 5
M 6	7 37 11	24°56'20	7°21	4°D26	29° 4	19°42	29°28	6°11	1°26	17° 7	3° 8	13° 3	11°43	18°47	11°49	M 6
T 7	7 41 7	25°57'24	19°19	4°32	0°19	20°30	29°38	6°15	1°28	17° 7	3°10	13° 4	11°40	18°54	11°50	T 7
W 8	7 45 4	26°58'27	1°29	4°46	1°35	21°17	29°48	6°19	1°29	17° 7	3°11	13° 6	11°37	19° 1	11°51	W 8
T 9	7 49 1	27°59'30	13°55	5° 6	2°50	22° 4	29°57	6°23	1°30	17° 6	3°12	13°R 6	11°34	19° 7	11°52	T 9
F 10	7 52 57	29° 0'32	26°40	5°33	4° 5	22°51	0°27	6°28	1°31	17° 6	3°14	13° 5	11°30	19°14	11°53	F 10
S 11	7 56 54	0°13	9°347	6° 5	5°21	23°39	0°17	6°32	1°31	17° 6	3°15	13° 2	11°27	19°21	11°54	S 11
S 12	8 0 50	1° 2'33	23°15	6°43	6°36	24°26	0°26	6°36	1°32	17° 5	3°17	12°57	11°24	19°27	11°55	S 12
M13	8 4 47	2° 3'33	7°4	7°25	7°51	25°13	0°36	6°41	1°33	17° 5	3°18	12°49	11°21	19°34	11°55	M13
T 14	8 8 43	3° 4'31	21°10	8°11	9° 7	26° 1	0°45	6°46	1°34	17° 5	3°19	12°41	11°18	19°41	11°55	T 14
W15	8 12 40	4° 5'29	5°27	9° 2	10°22	26°48	0°54	6°50	1°35	17° 5	3°21	12°32	11°15	19°48	11°56	W15
T 16	8 16 37	5° 6'25	19°50	9°56	11°37	27°35	1° 3	6°55	1°35	17° 5	3°22	12°24	11°11	19°54	11°56	T 16
F 17	8 20 33	6° 7'20	4°14	10°53	12°53	28°23	1°12	7° 0	1°36	17° 5	3°24	12°18	11° 8	20° 1	11°56	F 17
S 18	8 24 30	7° 8'13	18°33	11°53	14° 8	29°10	1°21	7° 5	1°36	17°D 5	3°25	12°14	11° 5	20° 8	11°56	S 18
S 19	8 28 26	8° 9'05	2°45	12°56	15°23	29°57	1°30	7°10	1°37	17° 5	3°27	12°D13	11° 2	20°14	11°55	S 19
M20	8 32 23	9° 9'56	16°47	14° 1	16°38	0°44	1°38	7°15	1°37	17° 5	3°28	12°13	10°59	20°21	11°55	M20
T 21	8 36 19	10°10'45	0°40	15° 8	17°54	1°31	1°47	7°20	1°37	17° 5	3°30	12°14	10°56	20°28	11°55	T 21
W22	8 40 16	11°11'32	14°23	16°18	19° 9	2°19	1°55	7°26	1°38	17° 5	3°31	12°R14	10°52	20°34	11°54	W22
T 23	8 44 12	12°12'18	27°57	17°29	20°24	3° 6	2° 3	7°31	1°38	17° 5	3°33	12°13	10°49	20°41	11°53	T 23
F 24	8 48 9	13°13'03	11°521	18°42	21°39	3°53	2°12	7°36	1°38	17° 5	3°34	12° 9	10°46	20°48	11°52	F 24
S 25	8 52 6	14°13'46	24°34	19°57	22°54	4°40	2°19	7°42	1°38	17° 6	3°36	12° 3	10°43	20°54	11°51	S 25
S 26	8 56 2	15°14'28	7°36	21°14	24° 9	5°27	2°27	7°47	1°38	17° 6	3°38	11°54	10°40	21° 1	11°50	S 26
M27	8 59 59	16°15'08	20°26	22°32	25°24	6°14	2°35	7°53	1°R38	17° 6	3°39	11°43	10°36	21° 8	11°49	M27
T 28	9 3 55	17°15'46	3°3	23°51	26°40	7° 1	2°43	7°59	1°38	17° 6	3°41	11°30	10°33	21°15	11°48	T 28
W29	9 7 52	18°16'24	15°26	25°12	27°55	7°48	2°50	8° 4	1°38	17° 7	3°42	11°18	10°30	21°21	11°46	W29
T 30	9 11 48	19°17'00	27°38	26°34	29°10	8°35	2°57	8°10	1°38	17° 7	3°44	11° 7	10°27	21°28	11°45	T 30
F 31	9 15 45	20°17'34	9°38	27°57	0°25	9°22	3°4	8°16	1°38	17° 8	3°45	10°II57	10°II24	21°35	11°43	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	22s 2	13n34	5n 9	19s58	3n23	22s34	1s 0	17s13	1s 7	19s 4	0n51	0n 6	2s26	11s29	0n31	15n16
T 2	21 52	8 49	5 9	20 3	3 20	22 22	1 2	16 58	1 6	19 6	0 51	0 8	2 26	11 29	0 31	15 16
F 3	21 43	3 48	4 54	20 9	3 15	22 10	1 4	16 43	1 6	19 8	0 52	0 9	2 26	11 29	0 31	15 16
S 4	21 33	1s17	4 28	20 16	3 9	21 58	1 5	16 28	1 6	19 10	0 52	0 11	2 25	11 30	0 32	15 16
S 5	21 22	6 19	3 50	20 24	3 2	21 45	1 7	16 13	1 5	19 12	0 52	0 13	2 25	11 30	0 32	15 16
M 6	21 12	11 8	3 2	20 32	2 54	21 31	1 8	15 58	1 5	19 15	0 52	0 15	2 25	11 31	0 32	15 16
T 7	21 0	15 35	2 5	20 41	2 45	21 16	1 10	15 43	1 5	19 17	0 52	0 16	2 25	11 31	0 32	15 16
W 8	20 49	19 29	1 3	20 50	2 35	21 1	1 11	15 27	1 4	19 19	0 52	0 18	2 24	11 31	0 32	15 16
T 9	20 37	22 36	0s 4	20 59	2 25	20 45	1 13	15 12	1 4	19 21	0 52	0 20	2 24	11 32	0 32	15 16
F 10	20 24	24 40	1 13	21 8	2 15	20 29	1 14	14 56	1 3	19 23	0 52	0 22	2 24	11 32	0 32	15 16
S 11	20 12	25 27	2 19	21 17	2 5	20 12	1 15	14 40	1 3	19 25	0 52	0 24	2 24	11 32	0 32	15 16
S 12	19 59	24 45	3 19	21 25	1 54	19 54	1 16	14 24	1 3	19 27	0 52	0 26	2 24	11 33	0 32	15 16
M13	19 45	22 34	4 9	21 34	1 44	19 36	1 18	14 7	1 2	19 29	0 52	0 28	2 23	11 33	0 32	15 16
T 14	19 31	18 58	4 45	21 42	1 33	19 17	1 19	13 51	1 2	19 31	0 52	0 30	2 23	11 33	0 32	15 16
W15	19 17	14 14	5 4	21 49	1 23	18 58	1 20	13 34	1 1	19 32	0 52	0 32	2 23	11 33	0 32	15 16
T 16	19 2	8 41	5 4	21 55	1 12	18 38	1 21	13 18	1 1	19 34	0 52	0 34	2 23	11 33	0 32	15 16
F 17	18 47	2 40	4 44	22 1	1 2	18 18	1 22	13 1	1 1	19 36	0 52	0 36	2 23	11 34	0 32	15 16
S 18	18 32	3n29	4 7	22 6	0 52	17 57	1 23	12 44	1 0	19 38	0 52	0 38	2 22	11 34	0 32	15 16
S 19	18 16	9 24	3 15	22 10	0 42	17 35	1 23	12 27	1 0	19 39	0 52	0 41	2 22	11 34	0 32	15 16
M20	18 0	14 47	2 12	22 13	0 32	17 13	1 24	12 10	0 59	19 41	0 52	0 43	2 22	11 34	0 32	15 16
T 21	17 44	19 20	1 2	22 16	0 23	16 51	1 25	11 53	0 59	19 43	0 52	0 45	2 22	11 34	0 32	15 16
W22	17 28	22 46	0n12	22 17	0 13	16 28	1 25	11 35	0 58	19 44	0 53	0 47	2 22	11 34	0 32	15 16
T 23	17 11	24 52	1 23	22 17	0 4	16 5	1 26	11 18	0 58	19 46	0 53	0 50	2 21	11 34	0 32	15 16
F 24	16 54	25 29	2 29	22 16	0s 5	15 41	1 26	11 0	0 58	19 47	0 53	0 52	2 21	11 34	0 32	15 17
S 25	16 36	24 38	3 26	22 14	0 13	15 17	1 27	10 43	0 57	19 49	0 53	0 54	2 21	11 34	0 32	15 17
S 26	16 18	22 27	4 11	22 10	0 22	14 52	1 27	10 25	0 57	19 50	0 53	0 57	2 21	11 34	0 32	15 17
M27	16 0	19 17	4 42	22 6	0 30	14 27	1 28	10 7	0 56	19 52	0 53	0 59	2 21	11 34	0 32	15 17
T 28	15 42	15 3	4 59	22 0	0 38	14 2	1 28	9 49	0 56	19 53	0 53	1 1	2 20	11 34	0 32	15 17
W29	15 23	10 23	5 1	21 53	0 45	13 36	1 28	9 31	0 55	19 55	0 53	1 4	2 20	11 34	0 32	15 17
T 30	15 5	5 23	4 50	21 45	0 52	13 10	1 28	9 13	0 55	19 56	0 53	1 6	2 20	11 34	0 32	15 17
F 31	14s45	0n15	4n26	21s36	0s59	12s44	1s28	8s55	0s54	19s57	0n53	1n 9	2s20	11s34	0n32	15n18

Julian Day Number = 2289386.5, Delta T = 166.99 sec

Ecliptic obliquity = 23°29'52, Nutation = - 0°00'15, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°32'41, Lahiri = 17°39'41 Julian Calendar 1 Jan. 1556 == Greg. Calendar 11 Jan. 1556

ASTRODIENST EPHEMERIS for the year 1556

geocentric

FEBRUARY 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 19 41	21 ¹⁸ 08	21 ¹⁸ 32	29 ²⁸ 21	1 ¹⁸ 40	10 ¹⁸ 9	3 ¹⁸ 11	8 ¹⁸ 22	1 ¹⁸ 37	17 ¹⁸ 8	3 ¹⁸ 47	10 ¹⁸ 51	10 ¹⁸ 21	21 ¹⁸ 41	11 ¹⁸ 41	S 1
S 2	9 23 38	22 ¹⁸ 40	3 ¹⁸ 21	0 ¹⁸ 47	2 ¹⁸ 55	10 ¹⁸ 56	3 ¹⁸ 18	8 ¹⁸ 28	1 ¹⁸ 37	17 ¹⁸ 9	3 ¹⁸ 49	10 ¹⁸ 46	10 ¹⁸ 17	21 ¹⁸ 48	11 ¹⁸ 40	S 2
M 3	9 27 34	23 ¹⁹ 10	15 ¹⁹ 11	2 ¹⁹ 13	4 ¹⁹ 10	11 ¹⁹ 43	3 ¹⁹ 25	8 ¹⁹ 34	1 ¹⁹ 37	17 ¹⁹ 9	3 ¹⁹ 50	10 ¹⁹ 45	10 ¹⁹ 14	21 ¹⁹ 55	11 ¹⁹ 38	M 3
T 4	9 31 31	24 ¹⁹ 40	27 ¹⁹ 7	3 ¹⁹ 41	5 ¹⁹ 25	12 ¹⁹ 30	3 ¹⁹ 31	8 ¹⁹ 40	1 ¹⁹ 36	17 ¹⁹ 10	3 ¹⁹ 52	10 ¹⁹ D44	10 ¹⁹ 11	22 ¹⁹ 1	11 ¹⁹ 36	T 4
W 5	9 35 28	25 ²⁰ 08	9 ²⁰ 15	5 ²⁰ 9	6 ²⁰ 40	13 ²⁰ 17	3 ²⁰ 38	8 ²⁰ 46	1 ²⁰ 36	17 ²⁰ 10	3 ²⁰ 54	10 ²⁰ R45	10 ²⁰ 8	22 ²⁰ 8	11 ²⁰ 33	W 5
T 6	9 39 24	26 ²⁰ 35	21 ²⁰ 40	6 ²⁰ 39	7 ²⁰ 55	14 ²⁰ 4	3 ²⁰ 44	8 ²⁰ 53	1 ²⁰ 35	17 ²⁰ 11	3 ²⁰ 55	10 ²⁰ 44	10 ²⁰ 5	22 ²⁰ 15	11 ²⁰ 31	T 6
F 7	9 43 21	27 ²¹ 00	4 ²¹ 26	8 ²¹ 10	9 ²¹ 9	14 ²¹ 50	3 ²¹ 50	8 ²¹ 59	1 ²¹ 35	17 ²¹ 12	3 ²¹ 57	10 ²¹ 42	10 ²¹ 2	22 ²¹ 21	11 ²¹ 29	F 7
S 8	9 47 17	28 ²¹ 24	17 ²¹ 38	9 ²¹ 42	10 ²¹ 24	15 ²¹ 37	3 ²¹ 56	9 ²¹ 5	1 ²¹ 34	17 ²¹ 12	3 ²¹ 58	10 ²¹ 37	9 ²¹ 58	22 ²¹ 28	11 ²¹ 26	S 8
S 9	9 51 14	29 ²¹ 47	1 ²² 16	11 ²² 14	11 ²² 39	16 ²² 24	4 ²² 2	9 ²² 12	1 ²² 33	17 ²² 13	4 ²² 0	10 ²² 30	9 ²² 55	22 ²² 35	11 ²² 24	S 9
M10	9 55 10	0 ²² 48	15 ²² 21	12 ²² 48	12 ²² 54	17 ²² 11	4 ²² 8	9 ²² 18	1 ²² 33	17 ²² 14	4 ²² 2	10 ²² 20	9 ²² 52	22 ²² 41	11 ²² 21	M10
T 11	9 59 7	1 ²² 27	29 ²² 49	14 ²² 23	14 ²² 9	17 ²² 57	4 ²² 13	9 ²² 25	1 ²² 32	17 ²² 15	4 ²² 3	10 ²² 8	9 ²² 49	22 ²² 48	11 ²² 18	T 11
W12	10 3 4	2 ²² 44	14 ²² 32	15 ²² 59	15 ²² 24	18 ²² 44	4 ²² 18	9 ²² 31	1 ²² 31	17 ²² 15	4 ²² 5	9 ²² 56	9 ²² 46	22 ²² 55	11 ²² 15	W12
T 13	10 7 0	3 ²³ 00	29 ²³ 23	17 ²³ 36	16 ²³ 39	19 ²³ 31	4 ²³ 24	9 ²³ 38	1 ²³ 30	17 ²³ 16	4 ²³ 7	9 ²³ 45	9 ²³ 42	23 ²³ 2	11 ²³ 12	T 13
F 14	10 10 57	4 ²³ 14	14 ²³ 13	19 ²³ 14	17 ²³ 53	20 ²³ 17	4 ²³ 28	9 ²³ 45	1 ²³ 29	17 ²³ 17	4 ²³ 8	9 ²³ 36	9 ²³ 39	23 ²³ 8	11 ²³ 9	F 14
S 15	10 14 53	5 ²³ 25	28 ²³ 54	20 ²³ 52	19 ²³ 8	21 ²³ 4	4 ²³ 33	9 ²³ 51	1 ²³ 28	17 ²³ 18	4 ²³ 10	9 ²³ 30	9 ²³ 36	23 ²³ 15	11 ²³ 6	S 15
S 16	10 18 50	6 ²³ 35	13 ²³ 20	22 ²³ 32	20 ²³ 23	21 ²³ 51	4 ²³ 38	9 ²³ 58	1 ²³ 27	17 ²³ 19	4 ²³ 11	9 ²³ 27	9 ²³ 33	23 ²³ 22	11 ²³ 3	S 16
M17	10 22 46	7 ²³ 42	27 ²³ 29	24 ²³ 13	21 ²³ 37	22 ²³ 37	4 ²³ 42	10 ²³ 5	1 ²³ 26	17 ²³ 20	4 ²³ 13	9 ²³ 25	9 ²³ 30	23 ²³ 28	10 ²³ 59	M17
T 18	10 26 43	8 ²³ 47	11 ²³ 20	25 ²³ 55	22 ²³ 52	23 ²³ 24	4 ²³ 47	10 ²³ 12	1 ²³ 25	17 ²³ 21	4 ²³ 15	9 ²³ 25	9 ²³ 27	23 ²³ 35	10 ²³ 56	T 18
W19	10 30 39	9 ²³ 50	24 ²³ 54	27 ²³ 39	24 ²³ 7	24 ²³ 10	4 ²³ 51	10 ²³ 19	1 ²³ 24	17 ²³ 22	4 ²³ 16	9 ²³ 25	9 ²³ 23	23 ²³ 42	10 ²³ 52	W19
T 20	10 34 36	10 ²³ 51	8 ²⁴ 12	29 ²³ 23	25 ²³ 21	24 ²³ 56	4 ²³ 55	10 ²³ 26	1 ²³ 22	17 ²³ 23	4 ²³ 18	9 ²³ 23	9 ²³ 20	23 ²³ 48	10 ²³ 49	T 20
F 21	10 38 32	11 ²³ 50	21 ²³ 17	1 ²⁴ 8	26 ²³ 36	25 ²³ 43	4 ²³ 59	10 ²³ 32	1 ²³ 21	17 ²³ 24	4 ²³ 20	9 ²³ 19	9 ²³ 17	23 ²³ 55	10 ²³ 45	F 21
S 22	10 42 29	12 ²³ 46	4 ²⁴ 9	2 ²⁴ 55	27 ²³ 50	26 ²³ 29	5 ²⁴ 2	10 ²³ 39	1 ²³ 20	17 ²³ 26	4 ²³ 21	9 ²³ 11	9 ²³ 14	24 ²³ 2	10 ²³ 41	S 22
S 23	10 46 26	13 ²³ 41	16 ²³ 51	4 ²⁴ 42	29 ²³ 5	27 ²³ 15	5 ²⁴ 6	10 ²³ 47	1 ²³ 18	17 ²³ 27	4 ²³ 23	9 ²³ 1	9 ²³ 11	24 ²³ 8	10 ²³ 38	S 23
M24	10 50 22	14 ²³ 33	29 ²³ 22	6 ²⁴ 31	0 ²⁴ 19	28 ²³ 2	5 ²⁴ 9	10 ²³ 54	1 ²³ 17	17 ²³ 28	4 ²³ 24	8 ²³ 48	9 ²³ 7	24 ²³ 15	10 ²³ 34	M24
T 25	10 54 19	15 ²³ 23	11 ²⁴ 44	8 ²⁴ 21	1 ²⁴ 34	28 ²³ 48	5 ²⁴ 12	11 ²³ 1	1 ²³ 15	17 ²³ 29	4 ²³ 26	8 ²³ 34	9 ²³ 4	24 ²³ 22	10 ²³ 30	T 25
W26	10 58 15	16 ²³ 12	23 ²³ 56	10 ²⁴ 12	2 ²⁴ 48	29 ²³ 34	5 ²⁴ 15	11 ²³ 8	1 ²³ 14	17 ²³ 30	4 ²³ 28	8 ²³ 20	9 ²³ 1	24 ²³ 28	10 ²³ 26	W26
T 27	11 2 12	17 ²² 58	6 ²⁴ 0	12 ²⁴ 4	4 ²⁴ 3	0 ²⁴ 20	5 ²⁴ 18	11 ²³ 15	1 ²³ 12	17 ²³ 32	4 ²³ 29	8 ²³ 7	8 ²³ 58	24 ²³ 35	10 ²³ 22	T 27
F 28	11 6 8	18 ²² 42	17 ²³ 56	13 ²³ 58	5 ²³ 17	1 ²⁴ 6	5 ²⁴ 20	11 ²² 22	1 ²³ 11	17 ²³ 33	4 ²³ 31	7 ²³ 56	8 ²³ 55	24 ²³ 42	10 ²³ 17	F 28
S 29	11 10 5	19 ²² 25	29 ²² 47	15 ²³ 52	6 ²⁴ 31	1 ²⁴ 52	5 ²⁴ 23	11 ²³ 29	1 ²³ 10	17 ²³ 34	4 ²³ 32	7 ²³ 48	8 ²³ 52	24 ²³ 48	10 ²³ 13	S 29

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	14s26	4s51	3n50	21s25	1s 6	12s17	1s28	8s37	0s54	19s58	0n53	1n11	2s20	11s34	0n32	15n18	1s46	22s11	12s58	22n 8	22n 3	4s53	6s56	2s30			
S 2	14 7	9 46	3 5	21 13	1 13	11 50	1 28	8 18	0 53	20 0	0 53	1 14	2 20	11 34	0 32	15 18	1 46	22 10	12 58	22 7	22 3	4 56	6 55	2 29			
M 3	13 47	14 20	2 11	20 59	1 19	11 22	1 28	8 0	0 53	20 1	0 53	1 16	2 19	11 34	0 32	15 18	1 46	22 10	12 58	22 7	22 2	4 59	6 54	2 29			
T 4	13 27	18 24	1 12	20 45	1 24	10 54	1 28	7 41	0 52	20 2	0 53	1 19	2 19	11 33	0 32	15 18	1 46	22 9	12 58	22 7	22 2	5 2	6 53	2 29			
W 5	13 6	21 46	0 8	20 29	1 30	10 26	1 27	7 23	0 52	20 3	0 54	1 21	2 19	11 33	0 32	15 19	1 46	22 8	12 58	22 7	22 1	5 5	6 52	2 29			
T 6	12 46	24 12	0s58	20 11	1 35	9 58	1 27	7 4	0 51	20 4	0 54	1 24	2 19	11 33	0 32	15 19	1 46	22 8	12 58	22 7	22 1	5 8	6 51	2 29			
F 7	12 25	25 27	2 2	19 53	1 40	9 29	1 27	6 46	0 51	20 5	0 54	1 27	2 19	11 33	0 32	15 19	1 46	22 7	12 58	22 6	22 0	5 11	6 50	2 29			
S 8	12 4	25 20	3 2	19 33	1 44	9 1	1 26	6 27	0 50	20 6	0 54	1 29	2 19	11 33	0 32	15 19	1 46	22 6	12 58	22 6	22 0	5 14	6 49	2 29			
S 9	11 43	23 43	3 54	19 11	1 49	8 32	1 26	6 9	0 50	20 7	0 54	1 32	2 19	11 32	0 32	15 20	1 46	22 6	12 58	22 5	22 0	5 17	6 48	2 29			
M10	11 22	20 36	4 33	18 48	1 52	8 2	1 25	5 50	0 49	20 8	0 54	1 35	2 18	11 32	0 32	15 20	1 45	22 5	12 58	22 3	21 59	5 20	6 46	2 28			
T 11	11 1	16 10	4 56	18 24	1 56	7 33	1 24	5 31	0 49	20 9	0 54	1 37	2 18	11 32	0 32	15 20	1 45	22 5	12 58	22 1	21 59	5 23	6 45	2 28			
W12	10 39	10 42	4 59	17 59	1 59	7 3	1 23	5 12	0 48	20 10	0 54	1 40	2 18	11 31	0 32	15 21	1 45	22 4	12 58	22 0	21 58	5 26	6 44	2 28			
T 13	10 17	4 34	4 43	17 32	2 2	6 33	1 23	4 53	0 48	20 11	0 54	1 43	2 18	11 31	0 32	15 21	1 45	22 3	12 58	21 58	21 58	5 29	6 43	2 28			
F 14	9 56	1n49	4 8	17 3	2 4	6 3	1 22	4 35	0 47	20 12	0 54	1 45	2 18	11 31	0 32	15 21	1 45	22 3	12 58	21 57	21 57	5 32	6 41	2 28			
S 15	9 33	8 3	3 16	16 34	2 6	5 33	1 21	4 16	0 47	20 13	0 54	1 48	2 18	11 30	0 32	15 21	1 45	22 2	12 58	21 56	21 57	5 35	6 40	2 28			
S 16	9 11	13 46	2 13	16 2	2 7	5 3	1 20	3 57	0 46	20 13	0 54	1 51	2 18	11 30	0 32	15 22	1 45	22 2	12 59	21 55	21 56	5 38	6 38	2 27			
M17	8 49	18 38	1 3	15 30	2 9	4 32	1 19	3 38	0 45	20 14	0 55	1 54	2 18	11 30	0 32	15 22	1 45	22 1	12 59	21 55	21 56	5 41	6 37	2 27			
T 18	8 26	22 22	0n10	14 56	2 9	4 2	1 18	3 19	0 45	20 15	0 55	1 56	2 17	11 29	0 32	15 22	1 45	22 1	12 59	21 55	21 55	5 44	6 35	2 27			
W19	8 4	24 45	1 21	14 21	2 10	3 31	1 16	3 0	0 44	20 16	0 55	1 59	2 17	11 29	0 32	15 23	1 45	22 0	12 59	21 55	21 55	5 48	6 34	2 27			
T 20	7 41	25 40	2 26	13 44	2 9	3 0	1 15	2 41	0 44	20 16	0 55	2 2	2 17	11 28	0 32	15 23	1 45	21 59	12 59	21 55	21 54	5 51	6 32	2 27			
F 21	7 18	25 8	3 22	13 6	2 9	2 29	1 14	2 22	0 43	20 17	0 55	2 5	2 17	11 28	0 32	15 24	1 45	21 59	12 59	21 54	21 54	5 54	6 31	2 27			
S 22	6 56	23 15	4 6	12 27	2 8	1 58	1 13	2 3	0 43	20 17	0 55	2 8	2 17	11 27	0 33	15 24	1 45	21 58	12 59	21 53	21 53	5 57	6 29	2 26			
S 23	6 33	20 14	4 38	11 46	2 6	1 27	1 11	1 44	0 42	20 18	0 55	2 11	2 17	11 27	0 33	15 24	1 45	21 58	12 59	21 51	21 53	6 0	6 27	2 26			
M24	6 9	9 20	4 56	11 4	2 4	0 56	1 10	1 25	0 41	20 18	0 55	2 13	2 17	11 26	0 33	15 25	1 45	21 57	12 59	21 49	21 52	6 3	6 26	2 26			
T 25	5 46	11 47	4 59	10 20	2 1	0 25	1 8	1 6	0 41	20 19	0 55	2 16	2 17	11 26	0 33	15 25	1 45	21 57	12 59	21 47	21 52	6 6	6 24	2 26			
W26	5 23	6 50	4 49	9 35	1 58	0n 6	1 7	0 47	0 40	20 19	0 55	2 19	2 17	11 25	0 33	15 25	1 45	21 56	12 59	21 45	21 51	6 9	6 22	2 25			
T 27	5 0	0 141	4 26	8 49	1 55	0 37	1 5	0 28	0 40	20 20	0 55	2 22	2 17	11 25	0 33	15 26	1 44	21 56	12 59	21 43	21 51	6 12	6 20	2 25			
F 28	4 36	3s30	3 51	8 2	1 51	1 8	1 3	0 9	0 39	20 20	0 55	2 25	2 16	11 24	0 33	15 26	1 44	21 55	12 59	21 41	21 50	6 15	6 18	2 25			
S 29	4s13	8s31	3n 6	7s13	1s46	1n39	1s 1	0n 9	0s39	20s20	0n56	2n28	2s16	11s24	0n33	15n27	1s44	21s55	13s 0	21n40	21n50	6s18	6s16	2s25			

ASTRODIENST EPHEMERIS for the year 1556

geocentric

MARCH 1556 JC

00:00 UT

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

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	3s50	13s14	2n13	6s23	1s41	2n10	1s 0	0n28	0s38	20s21	0n56	2n31	2s16	11s23	0n33	15n27
M 2	3 26	17 28	1 15	5 32	1 35	2 42	0 58	0 47	0 37	20 21	0 56	2 34	2 16	11 22	0 33	15 28
T 3	3 2	21 2	0 12	4 40	1 29	3 13	0 56	1 6	0 37	20 21	0 56	2 37	2 16	11 22	0 33	15 28
W 4	2 39	23 45	0s52	3 46	1 22	3 43	0 54	1 25	0 36	20 21	0 56	2 40	2 16	11 21	0 33	15 29
T 5	2 15	25 25	1 55	2 52	1 15	4 14	0 52	1 44	0 36	20 22	0 56	2 42	2 16	11 20	0 33	15 29
F 6	1 52	25 48	2 54	1 57	1 7	4 45	0 50	2 2	0 35	20 22	0 56	2 45	2 16	11 20	0 33	15 29
S 7	1 28	24 46	3 46	1 1	0 59	5 16	0 48	2 21	0 34	20 22	0 56	2 48	2 16	11 19	0 33	15 30
S 8	1 4	22 16	4 27	0 5	0 50	5 46	0 46	2 40	0 34	20 22	0 56	2 51	2 16	11 18	0 33	15 30
M 9	0 40	18 23	4 54	0n53	0 40	6 17	0 43	2 58	0 33	20 22	0 56	2 54	2 16	11 18	0 33	15 31
T 10	0 17	13 17	5 3	1 50	0 31	6 47	0 41	3 17	0 33	20 22	0 56	2 57	2 16	11 17	0 33	15 31
W 11	0n 7	7 18	4 51	2 48	0 20	7 17	0 39	3 35	0 32	20 22	0 56	3 0	2 16	11 16	0 33	15 32
T 12	0 31	0 48	4 20	3 46	0 10	7 47	0 36	3 54	0 31	20 22	0 57	3 3	2 16	11 16	0 33	15 32
F 13	0 54	5n47	3 29	4 43	0n 2	8 17	0 34	4 12	0 31	20 22	0 57	3 6	2 16	11 15	0 33	15 33
S 14	1 18	11 59	2 25	5 40	0 13	8 46	0 32	4 30	0 30	20 22	0 57	3 9	2 16	11 14	0 33	15 33
S 15	1 41	17 24	1 12	6 37	0 24	9 16	0 29	4 49	0 29	20 22	0 57	3 12	2 16	11 13	0 33	15 34
M 16	2 5	21 40	0n 4	7 32	0 36	9 45	0 27	5 7	0 29	20 21	0 57	3 15	2 15	11 13	0 33	15 34
T 17	2 28	24 31	1 18	8 27	0 48	10 14	0 24	5 25	0 28	20 21	0 57	3 18	2 15	11 12	0 33	15 35
W 18	2 52	25 50	2 26	9 20	1 0	10 43	0 22	5 43	0 28	20 21	0 57	3 21	2 15	11 11	0 33	15 36
T 19	3 15	25 37	3 24	10 11	1 11	11 11	0 19	6 1	0 27	20 21	0 57	3 24	2 15	11 10	0 33	15 36
F 20	3 39	24 0	4 10	11 1	1 23	11 39	0 17	6 19	0 26	20 20	0 57	3 27	2 15	11 9	0 33	15 37
S 21	4 2	21 12	4 42	11 48	1 34	12 7	0 14	6 37	0 26	20 20	0 57	3 30	2 15	11 9	0 33	15 37
S 22	4 25	17 28	5 1	12 34	1 45	12 35	0 11	6 55	0 25	20 20	0 57	3 33	2 15	11 8	0 33	15 38
M 23	4 48	13 3	5 5	13 17	1 55	13 2	0 9	7 12	0 24	20 19	0 57	3 36	2 15	11 7	0 33	15 38
T 24	5 11	8 11	4 55	13 57	2 5	13 29	0 6	7 30	0 24	20 19	0 57	3 39	2 15	11 6	0 33	15 39
W 25	5 34	3 3	4 33	14 35	2 14	13 56	0 3	7 48	0 23	20 18	0 57	3 42	2 15	11 5	0 33	15

ASTRODIENST EPHEMERIS for the year 1556
geocentric

APRIL 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	13 16 15	20°55'41	26♌11	10♋3	15♌52	26♌3	5°R 1	15°Y30	29°R59	18♋30	5♌18	5♌24	7♌10	28♌22	7°R45	W 1
T 2	13 20 11	21°54'17	8♌33	10°42	17° 5	26°47	4♌57	15°38	29♌57	18°32	5°20	5°26	7° 7	28°29	7♌40	T 2
F 3	13 24 8	22°52'52	21°13	11°14	18°18	27°32	4°53	15°45	29°55	18°34	5°21	5°R27	7° 4	28°36	7°36	F 3
S 4	13 28 4	23°51'25	4♌18	11°41	19°31	28°16	4°49	15°53	29°52	18°36	5°22	5°26	7° 0	28°42	7°31	S 4
S 5	13 32 1	24°49'56	17°48	12° 2	20°44	29° 1	4°45	16° 0	29°50	18°38	5°23	5°24	6°57	28°49	7°27	S 5
M 6	13 35 57	25°48'25	1♌48	12°17	21°57	29°45	4°41	16° 8	29°47	18°40	5°24	5°20	6°54	28°56	7°22	M 6
T 7	13 39 54	26°46'53	16°15	12°26	23°10	0♌29	4°36	16°15	29°45	18°42	5°25	5°15	6°51	29° 2	7°18	T 7
W 8	13 43 50	27°45'20	1°Y 6	12°R29	24°23	1°13	4°31	16°23	29°42	18°44	5°26	5° 9	6°48	29° 9	7°14	W 8
T 9	13 47 47	28°43'44	16°14	12°26	25°36	1°58	4°27	16°30	29°40	18°47	5°28	5° 4	6°44	29°16	7°10	T 9
F 10	13 51 44	29°42'07	1♌29	12°18	26°49	2°42	4°22	16°38	29°37	18°49	5°29	5° 0	6°41	29°22	7° 5	F 10
S 11	13 55 40	0♌40'28	16°41	12° 5	28° 2	3°26	4°17	16°45	29°34	18°51	5°30	4°57	6°38	29°29	7° 1	S 11
S 12	13 59 37	1°38'47	1♌40	11°47	29°14	4°10	4°11	16°53	29°32	18°53	5°31	4°D56	6°35	29°36	6°57	S 12
M13	14 3 33	2°37'04	16°19	11°25	0♌27	4°54	4° 6	17° 0	29°29	18°55	5°32	4°56	6°32	29°42	6°53	M13
T 14	14 7 30	3°35'19	0♌33	10°58	1°39	5°38	4° 0	17° 8	29°27	18°57	5°33	4°58	6°29	29°49	6°49	T 14
W15	14 11 26	4°33'33	14°20	10°28	2°52	6°22	3°55	17°15	29°24	19° 0	5°34	4°59	6°25	29°56	6°46	W15
T 16	14 15 23	5°31'44	27°43	9°56	4° 4	7° 6	3°49	17°23	29°22	19° 2	5°35	5° 0	6°22	0♌ 2	6°42	T 16
F 17	14 19 19	6°29'53	10♌41	9°21	5°17	7°49	3°43	17°30	29°19	19° 4	5°36	5°R 0	6°19	0° 9	6°38	F 17
S 18	14 23 16	7°28'00	23°20	8°44	6°29	8°33	3°37	17°37	29°17	19° 6	5°36	4°59	6°16	0°16	6°34	S 18
S 19	14 27 13	8°26'05	5♌42	8° 7	7°42	9°17	3°31	17°45	29°14	19° 8	5°37	4°57	6°13	0°22	6°31	S 19
M20	14 31 9	9°24'08	17°52	7°29	8°54	10° 0	3°24	17°52	29°12	19°11	5°38	4°54	6°10	0°29	6°27	M20
T 21	14 35 6	10°22'09	29°52	6°52	10° 6	10°44	3°18	17°59	29° 9	19°13	5°39	4°50	6° 6	0°36	6°24	T 21
W22	14 39 2	11°20'08	11♌46	6°16	11°18	11°27	3°11	18° 6	29° 7	19°15	5°40	4°46	6° 3	0°42	6°21	W22
T 23	14 42 59	12°18'06	23°37	5°41	12°30	12°11	3° 5	18°14	29° 4	19°17	5°41	4°42	6° 0	0°49	6°17	T 23
F 24	14 46 55	13°16'02	5♌26	5° 9	13°43	12°54	2°58	18°21	29° 2	19°20	5°41	4°39	5°57	0°56	6°14	F 24
S 25	14 50 52	14°13'56	17°16	4°39	14°55	13°38	2°51	18°28	28°59	19°22	5°42	4°37	5°54	1° 2	6°11	S 25
S 26	14 54 48	15°11'49	29° 9	4°13	16° 6	14°21	2°45	18°35	28°57	19°24	5°43	4°D36	5°50	1° 9	6° 8	S 26
M27	14 58 45	16° 9'41	11♌ 7	3°50	17°18	15° 4	2°38	18°42	28°55	19°26	5°44	4°36	5°47	1°16	6° 5	M27
T 28	15 2 42	17° 7'31	23°13	3°31	18°30	15°47	2°30	18°49	28°52	19°29	5°44	4°37	5°44	1°22	6° 3	T 28
W29	15 6 38	18° 5'20	5♌29	3°16	19°42	16°30	2°23	18°56	28°50	19°31	5°45	4°38	5°41	1°29	6° 0	W29
T 30	15 10 35	19♌ 3'07	17♌57	3♌ 6	20♌54	17♌14	2♌16	19°Y 3	28♌47	19♌33	5♌46	4♌40	5♌38	1♌36	5♌57	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	8n11	25s17	1s50	17n39	2n56	16n53	0n16	9n48	0s19	20s14	0n58	4n 2	2s15	10s59	0n33	15n43	1s43	21s43	13s 6	21n15	21n34	7s54	5s 8	2s14	
T 2	8 33	26 3	2 50	17 53	2 58	17 17	0 19	10 4	0 18	20 14	0 58	4 5	2 15	10 58	0 33	15 44	1 43	21 43	13 6	21 16	21 33	7 57	5 5	2 13	
F 3	8 55	25 29	3 43	18 4	2 59	17 40	0 21	10 21	0 17	20 13	0 58	4 8	2 16	10 57	0 33	15 45	1 43	21 42	13 6	21 16	21 33	8 0	5 3	2 13	
S 4	9 17	23 32	4 26	18 12	2 59	18 3	0 24	10 37	0 17	20 12	0 58	4 11	2 16	10 57	0 33	15 45	1 43	21 42	13 6	21 16	21 32	8 3	5 1	2 12	
S 5	9 38	20 13	4 56	18 17	2 57	18 25	0 27	10 54	0 16	20 11	0 58	4 14	2 16	10 56	0 33	15 46	1 43	21 42	13 7	21 15	21 31	8 6	4 59	2 12	
M 6	10 0	15 41	5 10	18 19	2 54	18 47	0 30	11 10	0 16	20 11	0 58	4 16	2 16	10 55	0 33	15 46	1 43	21 42	13 7	21 15	21 31	8 9	4 57	2 11	
T 7	10 21	10 7	5 5	18 18	2 50	19 8	0 32	11 26	0 15	20 10	0 58	4 19	2 16	10 54	0 33	15 47	1 43	21 42	13 7	21 14	21 30	8 12	4 55	2 11	
W 8	10 42	3 50	4 40	18 13	2 44	19 29	0 35	11 42	0 14	20 9	0 58	4 22	2 16	10 53	0 33	15 48	1 43	21 42	13 7	21 13	21 30	8 15	4 52	2 10	
T 9	11 3	2n47	3 54	18 6	2 37	19 49	0 38	11 58	0 14	20 8	0 58	4 25	2 16	10 52	0 33	15 48	1 43	21 41	13 8	21 12	21 29	8 18	4 50	2 10	
F 10	11 24	9 19	2 52	17 56	2 29	20 9	0 41	12 14	0 13	20 7	0 58	4 28	2 16	10 51	0 33	15 49	1 43	21 41	13 8	21 11	21 29	8 21	4 48	2 10	
S 11	11 44	15 18	1 38	17 42	2 19	20 29	0 43	12 30	0 12	20 6	0 58	4 31	2 16	10 50	0 33	15 49	1 43	21 41	13 8	21 10	21 28	8 24	4 46	2 9	
S 12	12 5	20 15	0 18	17 27	2 9	20 47	0 46	12 45	0 12	20 5	0 58	4 33	2 16	10 49	0 33	15 50	1 43	21 41	13 9	21 10	21 28	8 27	4 44	2 9	
M13	12 25	23 49	2 16	17 8	1 57	21 6	0 49	13 1	0 11	20 4	0 58	4 36	2 16	10 49	0 33	15 51	1 43	21 41	13 9	21 10	21 27	8 30	4 42	2 8	
T 14	12 45	25 45	2 16	16 47	1 43	21 23	0 52	13 16	0 10	20 3	0 58	4 39	2 16	10 48	0 33	15 51	1 43	21 41	13 9	21 11	21 27	8 33	4 40	2 8	
W15	13 4	26 1	3 19	16 25	1 29	21 40	0 54	13 31	0 10	20 2	0 58	4 42	2 16	10 47	0 33	15 52	1 43	21 41	13 10	21 11	21 26	8 36	4 38	2 7	
T 16	13 24	24 45	4 10	16 0	1 14	21 57	0 57	13 46	0 9	20 1	0 58	4 45	2 16	10 46	0 33	15 52	1 43	21 41	13 10	21 11	21 26	8 39	4 36	2 7	
F 17	13 43	22 11	4 46	15 34	0 58	22 13	1 0	14 1	0 8	20 0	0 58	4 47	2 16	10 45	0 33	15 53	1 43	21 41	13 10	21 11	21 25	8 42	4 34	2 6	
S 18	14 2	18 36	5 7	15 7	0 42	22 28	1 2	14 16	0 8	19 59	0 58	4 50	2 16	10 44	0 33	15 54	1 43	21 40	13 10	21 11	21 24	8 45	4 32	2 6	
S 19	14 21	14 18	5 14	14 39	0 25	22 43	1 5	14 30	0 7	19 57	0 58	4 53	2 16	10 43	0 33	15 54	1 43	21 40	13 11	21 10	21 24	8 48	4 30	2 5	
M20	14 40	9 30	5 6	14 10	0 8	22 57	1 7	14 45	0 7	19 56	0 58	4 55	2 16	10 42	0 33	15 55	1 43	21 40	13 11	21 10	21 23	8 51	4 29	2 5	
T 21	14 58	4 24	4 44	13 41	0s10	23 10	1 10	14 59	0 6	19 55	0 58	4 58	2 17	10 41	0 33	15 56	1 43	21 40	13 11	21 9	21 23	8 54	4 27	2 4	
W22	15 16	0s49	4 11	13 13	0 27	23 23	1 12	15 13	0 5	19 54	0 58	5 1	2 17	10 41	0 33	15 56	1 43	21 40	13 12	21 8	21 22	8 57	4 25	2 4	
T 23	15 34	5 59	3 27	12 46	0 44	23 35	1 15	15 27	0 5	19 53	0 58	5 3	2 17	10 40	0 33	15 57	1 43	21 40	13 12	21 8	21 22	9 0	4 23	2 3	
F 24	15 52	10 57	2 34	12 19	1 1	23 47	1 17	15 41	0 4	19 51	0 58	5 6	2 17	10 39	0 33	15 57	1 43	21 40	13 12	21 7	21 21	9 3	4 21	2 3	
S 25	16 9	15 31	1 34	11 54	1 17	23 58	1 20	15 55	0 3	19 50	0 58	5 9	2 17	10 38	0 33	15 58	1 43	21 40	13 13	21 7	21 21	9 6	4 20	2 2	
S 26	16 26	19 32	0 30	11 30	1 33	24 8	1 22	16 8	0 3	19 49	0 58	5 11	2 17	10 37	0 33	15 59	1 43	21 40	13 13	21 7	21 20	9 9	4 18	2 1	
M27	16 43	22 46	0s36	11 8	1 48	24 17	1 24	16 22	0 2	19 48	0 58	5 14	2 17	10 36	0 33	15 59	1 43	21 40	13 13	21 7	21 19	9 12	4 16	2 1	
T 28	16 59	25 0	1 41	10 49	2 2	24 26	1 26	16 35	0 1	19 46	0 58	5 16	2 17	10 36	0 33	16 0	1 43	21 40	13 14	21 7	21 19	9 15	4 15	2 0	
W29	17 16	26 6	2 43	10 31	2 15	24 34	1 29	16 48	0 1	19 45	0 58	5 19	2 17	10 35	0 33	16 0	1 43	21 41	13 14	21 7	21 18	9 18	4 13	2 0	
T 30	17n32	25s53	3s37	10n16	2s27	24n42	1n31	17n 1	0s 0	19s43	0n58	5n22	2s17	10s34	0n32	16n 1	1s43	21s41	13s14	21n 7	21n18	9s21	4s12	1s59	

ASTRODIENST EPHEMERIS for the year 1556

geocentric

MAY 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	15 14 31	20 ⁸ 0'54	0 ⁴³	3°R 0	22 ^{II} 5	17 ⁸ 57	2°R 9	19 ^Y 10	28°R45	19 ⁸ 35	5 ⁴ 46	4 ^{II} 41	5 ^{II} 35	1 ^{II} 42	5°R55	F 1
S 2	15 18 28	20°58'39	13°47	2°D58	23°17	18°40	2 ² 2	19°17	28 ⁴ 43	19°38	5°47	4°41	5°31	1°49	5 ⁴ 52	S 2
S 3	15 22 24	21°56'23	27°14	3 ⁸ 1	24°29	19°23	1°54	19°24	28°41	19°40	5°48	4°R41	5°28	1°56	5°50	S 3
M 4	15 26 21	22°54'06	11 ¹ 4	3° 9	25°40	20° 5	1°47	19°31	28°38	19°42	5°48	4°41	5°25	2° 2	5°48	M 4
T 5	15 30 17	23°51'48	25°18	3°21	26°51	20°48	1°39	19°37	28°36	19°44	5°49	4°40	5°22	2° 9	5°46	T 5
W 6	15 34 14	24°49'28	9 ^Y 54	3°37	28° 3	21°31	1°32	19°44	28°34	19°47	5°49	4°39	5°19	2°16	5°44	W 6
T 7	15 38 11	25°47'08	24°47	3°58	29°14	22°14	1°24	19°51	28°32	19°49	5°50	4°38	5°16	2°22	5°42	T 7
F 8	15 42 7	26°44'47	9 ⁸ 50	4°23	0 ⁸ 25	22°56	1°17	19°57	28°30	19°51	5°50	4°37	5°12	2°29	5°40	F 8
S 9	15 46 4	27°42'24	24°55	4°53	1°37	23°39	1° 9	20° 4	28°27	19°53	5°51	4°37	5° 9	2°36	5°38	S 9
S 10	15 50 0	28°40'01	9 ^{II} 53	5°27	2°48	24°22	1° 1	20°11	28°25	19°56	5°51	4°D36	5° 6	2°42	5°37	S 10
M 11	15 53 57	29°37'36	24°36	6° 4	3°59	25° 4	0°54	20°17	28°23	19°58	5°51	4°37	5° 3	2°49	5°35	M 11
T 12	15 57 53	0 ^{II} 35'10	8 ⁸ 57	6°46	5°10	25°47	0°46	20°24	28°21	20° 0	5°52	4°37	5° 0	2°56	5°34	T 12
W 13	16 1 50	1°32'43	22°53	7°31	6°21	26°29	0°38	20°30	28°19	20° 2	5°52	4°37	4°56	3° 2	5°33	W 13
T 14	16 5 47	2°30'14	6 ⁸ 23	8°20	7°32	27°12	0°31	20°36	28°17	20° 4	5°52	4°38	4°53	3° 9	5°31	T 14
F 15	16 9 43	3°27'44	19°28	9°12	8°42	27°54	0°23	20°43	28°15	20° 7	5°53	4°38	4°50	3°16	5°30	F 15
S 16	16 13 40	4°25'13	2 ^{II} 10	10° 8	9°53	28°36	0°16	20°49	28°13	20° 9	5°53	4°38	4°47	3°22	5°29	S 16
S 17	16 17 36	5°22'40	14°32	11° 8	11° 4	29°18	0° 8	20°55	28°12	20°11	5°53	4°38	4°44	3°29	5°29	S 17
M 18	16 21 33	6°20'06	26°40	12°10	12°14	0 ^{II} 1	0° 0	21° 1	28°10	20°13	5°53	4°38	4°41	3°36	5°28	M 18
T 19	16 25 29	7°17'31	8 ⁴ 28	13°16	13°25	0°43	29 ^{II} 53	21° 7	28° 8	20°15	5°54	4°38	4°37	3°42	5°27	T 19
W 20	16 29 26	8°14'54	20°29	14°25	14°35	1°25	29°45	21°13	28° 6	20°18	5°54	4°38	4°34	3°49	5°27	W 20
T 21	16 33 22	9°12'17	2 ^{II} 18	15°38	15°45	2° 7	29°38	21°19	28° 4	20°20	5°54	4°39	4°31	3°56	5°26	T 21
F 22	16 37 19	10° 9'38	14° 8	16°53	16°56	2°49	29°30	21°25	28° 3	20°22	5°54	4°39	4°28	4° 2	5°26	F 22
S 23	16 41 15	11° 6'59	26° 2	18°11	18° 6	3°31	29°23	21°31	28° 1	20°24	5°54	4°40	4°25	4° 9	5°26	S 23
S 24	16 45 12	12° 4'19	8 ² 2	19°33	19°16	4°13	29°16	21°37	28° 0	20°26	5°54	4°R40	4°22	4°16	5°D26	S 24
M 25	16 49 9	13° 1'38	20°11	20°57	20°26	4°54	29° 8	21°43	27°58	20°28	5°54	4°39	4°18	4°22	5°26	M 25
T 26	16 53 5	13°58'56	2 ³ 30	22°24	21°36	5°36	29° 1	21°48	27°56	20°30	5°54	4°39	4°15	4°29	5°26	T 26
W 27	16 57 2	14°56'14	15° 0	23°54	22°45	6°18	28°54	21°54	27°55	20°32	5°R54	4°38	4°12	4°36	5°27	W 27
T 28	17 0 58	15°53'31	27°44	25°27	23°55	6°59	28°47	21°59	27°54	20°35	5°54	4°36	4° 9	4°42	5°27	T 28
F 29	17 4 55	16°50'47	10 ⁴ 43	27° 3	25° 5	7°41	28°40	22° 5	27°52	20°37	5°54	4°35	4° 6	4°49	5°28	F 29
S 30	17 8 51	17°48'04	23°56	28°42	26°14	8°23	28°33	22°10	27°51	20°39	5°54	4°33	4° 2	4°56	5°28	S 30
S 31	17 12 48	18 ^{II} 45'20	7 ⁴ 26	0 ^{II} 23	27 ⁸ 23	9 ^{II} 4	28 ^{II} 26	22 ^Y 16	27 ⁴ 50	20 ⁸ 41	5 ⁴ 54	4 ^{II} 32	3 ^{II} 59	5 ^{II} 2	5 ⁴ 29	S 31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17n47	24s19	4s23	10n 3	2s39	24n48	1n33	17n14	0n 0	19s42	0n58	5n24	2s18	10s33	0n32	16n 2	1s43	21s41	13s15	21n 8	21n17	9s24	4s10	1s59			
S 2	18 3	21 27	4 56	9 53	2 49	24 54	1 35	17 26	0 1	19 41	0 58	5 27	2 18	10 32	0 32	16 2	1 43	21 41	13 15	21 8	21 17	9 27	4 9	1 58			
S 3	18 18	17 22	5 14	9 45	2 58	25 0	1 37	17 39	0 2	19 39	0 57	5 29	2 18	10 31	0 32	16 3	1 43	21 41	13 15	21 8	21 16	9 30	4 7	1 58			
M 4	18 33	12 17	5 15	9 40	3 6	25 4	1 39	17 51	0 2	19 38	0 57	5 31	2 18	10 31	0 32	16 3	1 43	21 41	13 16	21 8	21 16	9 33	4 6	1 57			
T 5	18 47	6 24	4 57	9 37	3 14	25 8	1 41	18 3	0 3	19 36	0 57	5 34	2 18	10 30	0 32	16 4	1 43	21 41	13 16	21 7	21 15	9 36	4 5	1 57			
W 6	19 1	0 2	4 19	9 37	3 20	25 12	1 43	18 15	0 4	19 35	0 57	5 36	2 18	10 29	0 32	16 5	1 43	21 41	13 16	21 7	21 14	9 39	4 3	1 56			
T 7	19 15	6n28	3 23	9 39	3 25	25 14	1 44	18 26	0 4	19 34	0 57	5 39	2 18	10 28	0 32	16 5	1 43	21 41	13 17	21 7	21 14	9 42	4 2	1 56			
F 8	19 29	12 42	2 13	9 44	3 29	25 16	1 46	18 38	0 5	19 32	0 57	5 41	2 18	10 28	0 32	16 6	1 43	21 41	13 17	21 7	21 13	9 45	4 1	1 55			
S 9	19 42	18 11	0 54	9 50	3 33	25 17	1 48	18 49	0 6	19 31	0 57	5 43	2 19	10 27	0 32	16 6	1 43	21 42	13 18	21 7	21 13	9 48	4 0	1 54			
S 10	19 55	22 28	0n29	9 59	3 35	25 17	1 49	19 0	0 6	19 29	0 57	5 46	2 19	10 26	0 32	16 7	1 43	21 42	13 18	21 7	21 12	9 51	3 59	1 54			
M 11	20 7	25 12	1 49	10 10	3 36	25 17	1 51	19 11	0 7	19 28	0 57	5 48	2 19	10 25	0 32	16 8	1 43	21 42	13 18	21 7	21 12	9 54	3 58	1 53			
T 12	20 19	26 11	2 59	10 23	3 37	25 16	1 52	19 22	0 7	19 26	0 57	5 50	2 19	10 25	0 32	16 8	1 43	21 42	13 19	21 7	21 11	9 57	3 56	1 53			
W 13	20 31	25 27	3 57	10 38	3 37	25 14	1 53	19 33	0 8	19 25	0 57	5 53	2 19	10 24	0 32	16 9	1 43	21 42	13 19	21 7	21 10	10 0	3 55	1 52			
T 14	20 43	23 14	4 40	10 55	3 36	25 12	1 55	19 43	0 9	19 23	0 56	5 55	2 19	10 23	0 32	16 9	1 43	21 43	13 19	21 7	21 10	10 3	3 55	1 52			
F 15	20 54	19 52	5 7	11 13	3 34	25 8	1 56	19 53	0 9	19 22	0 56	5 57	2 19	10 23	0 32	16 10	1 43	21 43	13 20	21 7	21 9	10 6	3 54	1 51			
S 16	21 5	15 40	5 17	11 33	3 31	25 4	1 57	20 4	0 10	19 20	0 56	5 59	2 20	10 22	0 32	16 11	1 43	21 43	13 20	21 7	21 9	10 9	3 53	1 51			
S 17	21 15	10 54	5 13	11 55	3 28	25 0	1 58	20 13	0 11	19 19	0 56	6 1	2 20	10 21	0 32	16 11	1 43	21 43	13 20	21 7	21 8	10 12	3 52	1 50			
M 18	21 25	5 49	4 54	12 18	3 24	24 55	1 59	20 23	0 11	19 17	0 56	6 4	2 20	10 21	0 32	16 12	1 43	21 43	13 21	21 7	21 7	10 14	3 51	1 50			
T 19	21 35	0 36	4 23	12 42	3 19	24 49	2 0	20 32	0 12	19 16	0 56	6 6	2 20	10 20	0 32	16 12	1 43	21 44	13 21	21 7	21 7	10 17	3 50	1 49			
W 20	21 44	4s36	3 41	13 7	3 14	24 42	2 1	20 42	0 12	19 14	0 56	6 8	2 20	10 20	0 32	16 13	1 43	21 44	13 21	21 7	21 6	10 20	3 50	1 48			
T 21	21 53	9 38	2 50	13 34	3 8	24 35	2 2	20 51	0 13	19 13	0 56	6 10	2 20	10 19	0 32	16 13	1 43	21 44	13 22	21 7	21 6	10 23	3 49	1 48			
F 22	22 2	14 21	1 52	14 2	3 1	24 27	2 2	21 0	0 14	19 12	0 55	6 12	2 21	10 18	0 32	16 14	1 43	21 45	13 22	21 7	21 5	10 26	3 48	1 47			
S 23	22 10	18 32	0 48	14 30	2 54	24 18	2 3	21 8	0 14	19 10	0 55	6 14	2 21	10 18	0 32	16 14	1 43	21 45	13 23	21 7	21 5	10 29	3 48	1 47			
S 24	22 18	22 0	0s19	15 0	2 46	24 9	2 3	21 17	0 15	19 9	0 55	6 16	2 21	10 17	0 32	16 15	1 43	21 45	13 23	21 7	21 4	10 32	3 47	1 46			
M 25	22 25	24 33	1 25	15 30	2 38	23 59	2 4	21 25	0 15	19 7	0 55	6 18	2 21	10 17	0 32	16 16	1 43	21 45	13 23	21 7	21 3	10 35	3 47	1 46			
T 26	22 32	25 57	2 28	16 1	2 29	23 48	2 4	21 33	0 16	19 6	0 55	6 20	2 21	10 16	0 32	16 16	1 43	21 46	13 24	21 7	21 3	10 38	3 46	1 45			
W 27	22 39	26 3	3 25	16 32	2 20	23 37	2 4	21 41	0 17	19 5	0 55	6 22	2 22	10 16	0 32	16 17	1 43	21 46	13 24	21 7	21 2	10 41	3 46	1 45			
T 28	22 45	24 48	4 13	17 3	2 11	23 25	2 4	21 49	0 17	19 3	0 54	6 24	2 22	10 15	0 32	16 17	1 43	21 46	13 24	21 7	21 2	10 44	3 46	1 44			
F 29	22 51	22 14	4 49	17 35	2 1	23 12	2 4	21 56	0 18	19 2	0 54	6 26	2 22	10 15	0 32	16 18	1 43	21 47	13 25	21 6	21 1	10 47	3 45	1 43			
S 30	22 56	18 27	5 11	18 7	1 50	22 59	2 4	22 4	0 19	19 0	0 54	6 27	2 22	10 14	0 32	16 18	1 43	21 47	13 25	21 6	21 0	10 50	3 45	1 43			
S 31	23n 1	13s41	5s16	18n39	1s40	22n45	2n 4	22n11	0n19	18s59	0n54	6n29	2s22	10s14	0n32	16n19	1s43	21s47	13s25	21n 6	21n 0	10s53	3s45	1s42			

ASTRODIENST EPHEMERIS for the year 1556

geocentric

JUNE 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	17 16 45	19II42'35	21X13	2II 7	28S33	9II46	28°R20	22Y21	27°R48	20R43	5°R54	4°D32	3II56	5M 9	5S30	M 1
T 2	17 20 41	20°39'50	5Y17	3°54	29°42	10°27	28M13	22°26	27A47	20°45	5K54	4II33	3°53	5°16	5°31	T 2
W 3	17 24 38	21°37'05	19°37	5°44	0L51	11° 9	28° 7	22°31	27°46	20°47	5°54	4°34	3°50	5°22	5°32	W 3
T 4	17 28 34	22°34'20	4B 9	7°36	2° 0	11°50	28° 0	22°36	27°45	20°49	5°54	4°35	3°47	5°29	5°33	T 4
F 5	17 32 31	23°31'35	18°51	9°31	3° 9	12°31	27°54	22°41	27°44	20°51	5°53	4°36	3°43	5°36	5°34	F 5
S 6	17 36 27	24°28'50	3II36	11°29	4°18	13°12	27°48	22°46	27°43	20°53	5°53	4°R36	3°40	5°42	5°36	S 6
S 7	17 40 24	25°26'04	18°18	13°28	5°27	13°54	27°42	22°51	27°42	20°55	5°53	4°36	3°37	5°49	5°37	S 7
M 8	17 44 20	26°23'19	2S50	15°30	6°35	14°35	27°36	22°56	27°41	20°57	5°53	4°34	3°34	5°56	5°39	M 8
T 9	17 48 17	27°20'32	17° 7	17°34	7°44	15°16	27°30	23° 1	27°40	20°58	5°52	4°32	3°31	6° 2	5°41	T 9
W10	17 52 14	28°17'46	1L 2	19°39	8°52	15°57	27°24	23° 5	27°39	21° 0	5°52	4°29	3°28	6° 9	5°43	W10
T 11	17 56 10	29°14'59	14°34	21°46	10° 0	16°38	27°19	23°10	27°38	21° 2	5°52	4°25	3°24	6°16	5°45	T 11
F 12	18 0 7	0S12'11	27°42	23°55	11° 8	17°19	27°13	23°14	27°37	21° 4	5°51	4°22	3°21	6°22	5°47	F 12
S 13	18 4 3	1° 9'24	10M27	26° 4	12°16	18° 0	27° 8	23°18	27°37	21° 6	5°51	4°19	3°18	6°29	5°49	S 13
S 14	18 8 0	2° 6'35	22°52	28°14	13°24	18°41	27° 3	23°23	27°36	21° 8	5°51	4°18	3°15	6°36	5°51	S 14
M15	18 11 56	3° 3'46	5S 0	0S25	14°32	19°21	26°58	23°27	27°36	21° 9	5°50	4°D17	3°12	6°42	5°54	M15
T 16	18 15 53	4° 0'57	16°58	2°35	15°40	20° 2	26°53	23°31	27°35	21°11	5°50	4°18	3° 8	6°49	5°56	T 16
W17	18 19 49	4°58'08	28°49	4°46	16°47	20°43	26°48	23°35	27°35	21°13	5°49	4°19	3° 5	6°56	5°59	W17
T 18	18 23 46	5°55'18	10M38	6°56	17°55	21°24	26°44	23°39	27°34	21°15	5°49	4°21	3° 2	7° 2	6° 2	T 18
F 19	18 27 43	6°52'28	22°30	9° 6	19° 2	22° 4	26°39	23°43	27°34	21°16	5°48	4°23	2°59	7° 9	6° 5	F 19
S 20	18 31 39	7°49'39	4X28	11°14	20° 9	22°45	26°35	23°47	27°33	21°18	5°48	4°R23	2°56	7°16	6° 8	S 20
S 21	18 35 36	8°46'49	16°37	13°22	21°16	23°25	26°31	23°50	27°33	21°20	5°47	4°23	2°53	7°22	6°11	S 21
M22	18 39 32	9°43'59	28°59	15°28	22°22	24° 6	26°27	23°54	27°33	21°21	5°47	4°20	2°49	7°29	6°14	M22
T 23	18 43 29	10°41'09	11S34	17°33	23°29	24°46	26°24	23°58	27°33	21°23	5°46	4°16	2°46	7°36	6°17	T 23
W24	18 47 25	11°38'19	24°25	19°37	24°35	25°27	26°20	24° 1	27°33	21°25	5°45	4°11	2°43	7°42	6°21	W24
T 25	18 51 22	12°35'30	7S30	21°39	25°42	26° 7	26°17	24° 4	27°32	21°26	5°45	4° 5	2°40	7°49	6°24	T 25
F 26	18 55 19	13°32'41	20°50	23°39	26°48	26°47	26°13	24° 8	27°D32	21°28	5°44	3°59	2°37	7°56	6°28	F 26
S 27	18 59 15	14°29'53	4X22	25°38	27°54	27°27	26°10	24°11	27°32	21°29	5°43	3°53	2°34	8° 2	6°31	S 27
S 28	19 3 12	15°27'04	18° 5	27°35	28°59	28° 8	26° 7	24°14	27°33	21°31	5°43	3°49	2°30	8° 9	6°35	S 28
M29	19 7 8	16°24'17	1Y58	29°30	0M 5	28°48	26° 5	24°17	27°33	21°32	5°42	3°46	2°27	8°16	6°39	M29
T 30	19 11 5	17S21'30	16Y 0	1L23	1M10	29II28	26M 2	24Y20	27S33	21R34	5K41	3°D45	2II24	8M22	6S43	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23n 6	8s 7	5s 3	19n11	1s29	22n31	2n 4	22n18	0n20	18s58	0n54	6n31	2s23	10s14	0n32	16n19
T 2	23 10	2 3	4 32	19 43	1 18	22 16	2 3	22 24	0 20	18 56	0 54	6 33	2 23	10 13	0 32	16 20
W 3	23 14	4n14	3 44	20 13	1 7	22 1	2 3	22 31	0 21	18 55	0 53	6 34	2 23	10 13	0 32	16 20
T 4	23 17	10 25	2 40	20 44	0 55	21 45	2 2	22 37	0 22	18 54	0 53	6 36	2 23	10 12	0 32	16 21
F 5	23 20	16 6	1 26	21 13	0 44	21 28	2 1	22 43	0 22	18 53	0 53	6 38	2 23	10 12	0 32	16 21
S 6	23 23	20 50	0 6	21 41	0 32	21 11	2 1	22 49	0 23	18 52	0 53	6 39	2 24	10 12	0 32	16 22
S 7	23 25	24 13	1n15	22 8	0 21	20 53	2 0	22 55	0 23	18 50	0 53	6 41	2 24	10 11	0 31	16 22
M 8	23 27	25 57	2 29	22 33	0 9	20 35	1 59	23 0	0 24	18 49	0 52	6 42	2 24	10 11	0 31	16 23
T 9	23 28	25 55	3 33	22 57	0n 2	20 17	1 58	23 5	0 24	18 48	0 52	6 44	2 24	10 11	0 31	16 23
W10	23 29	24 15	4 22	23 18	0 13	19 58	1 57	23 10	0 25	18 47	0 52	6 45	2 24	10 10	0 31	16 24
T 11	23 30	21 12	4 56	23 38	0 23	19 38	1 55	23 15	0 26	18 46	0 52	6 47	2 25	10 10	0 31	16 24
F 12	23 30	17 10	5 12	23 55	0 34	19 18	1 54	23 20	0 26	18 45	0 52	6 48	2 25	10 10	0 31	16 25
S 13	23 30	12 29	5 12	24 10	0 43	18 57	1 52	23 24	0 27	18 44	0 51	6 50	2 25	10 10	0 31	16 25
S 14	23 29	7 24	4 58	24 22	0 53	18 36	1 51	23 28	0 27	18 43	0 51	6 51	2 25	10 10	0 31	16 25
M15	23 28	2 8	4 30	24 31	1 1	18 15	1 49	23 32	0 28	18 42	0 51	6 52	2 26	10 9	0 31	16 26
T 16	23 26	3s 7	3 51	24 38	1 9	17 53	1 47	23 36	0 29	18 41	0 51	6 54	2 26	10 9	0 31	16 26
W17	23 24	8 14	3 3	24 41	1 17	17 31	1 45	23 39	0 29	18 40	0 51	6 55	2 26	10 9	0 31	16 27
T 18	23 22	13 3	2 6	24 42	1 23	17 8	1 43	23 43	0 30	18 39	0 50	6 56	2 26	10 9	0 31	16 27
F 19	23 19	17 24	1 5	24 40	1 29	16 45	1 41	23 46	0 30	18 39	0 50	6 57	2 27	10 9	0 31	16 28
S 20	23 16	21 6	0s 0	24 36	1 35	16 22	1 39	23 49	0 31	18 38	0 50	6 59	2 27	10 9	0 31	16 28
S 21	23 12	23 55	1 6	24 28	1 39	15 58	1 36	23 51	0 31	18 37	0 50	7 0	2 27	10 9	0 31	16 28
M22	23 8	25 40	2 10	24 18	1 43	15 34	1 34	23 54	0 32	18 36	0 49	7 1	2 27	10 9	0 31	16 29
T 23	23 4	26 8	3 9	24 6	1 46	15 9	1 31	23 56	0 33	18 36	0 49	7 2	2 28	10 9	0 31	16 29
W24	22 59	25 12	3 59	23 51	1 48	14 45	1 28	23 58	0 33	18 35	0 49	7 3	2 28	10 9	0 31	16 29
T 25	22 54	22 54	4 37	23 34	1 50	14 20	1 25	24 0	0 34	18 35	0 49	7 4	2 28	10 9	0 31	16 30
F 26	22 48	19 21	5 2	23 14	1 51	13 54	1 22	24 2	0 34	18 34	0 49	7 5	2 28	10 9	0 31	16 30
S 27	22 42	14 44	5 10	22 53	1 51	13 28	1 19	24 3	0 35	18 34	0 48	7 6	2 29	10 9	0 31	16 31
S 28	22 36	9 19	5 0	22 30	1 50	13 3	1 16	24 5	0 35	18 33	0 48	7 7	2 29	10 9	0 31	16 31
M29	22 29	3 23	4 33	22 5	1 49	12 36	1 13	24 6	0 36	18 33	0 48	7 8	2 29	10 9	0 31	16 31
T 30	22n22	2n47	3s50	21n39	1n47	12n10	1n 9	24n 6	0n37	18s32	0n48	7n 8	2s29	10s 9	0n31	16n32

Julian Day Number = 2289538.5, Delta T = 166.11 sec

Ecliptic obliquity = 23°29'53, Nutation = - 0°00'16, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°33'02, Lahiri = 17°40'02 Julian Calendar 1 June 1556 == Greg. Calendar 11 June 1556

ASTRODIENST EPHEMERIS for the year 1556
geocentric

JULY 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	19 15 1	18°18'44	0°10'10	3°15'15	2°15'15	0°08'08	26°R 0	24°Y23	27°23'33	21°8'35	5°R40	3°I45	2°II21	8°M29	6°47	W 1
T 2	19 18 58	19°15'59	14°25	5° 4	3°20	0°48	25°M.58	24°25	27°33	21°36	5°H40	3°46	2°18	8°36	6°51	T 2
F 3	19 22 54	20°13'14	28°44	6°52	4°25	1°28	25°56	24°28	27°34	21°38	5°39	3°R47	2°14	8°42	6°55	F 3
S 4	19 26 51	21°10'30	13°II 4	8°38	5°30	2° 8	25°54	24°30	27°34	21°39	5°38	3°47	2°11	8°49	7° 0	S 4
S 5	19 30 48	22° 7'48	27°22	10°22	6°34	2°48	25°52	24°33	27°35	21°41	5°37	3°45	2° 8	8°55	7° 4	S 5
M 6	19 34 44	23° 5'05	11°23	12° 4	7°38	3°28	25°51	24°35	27°35	21°42	5°36	3°41	2° 5	9° 2	7° 9	M 6
T 7	19 38 41	24° 2'24	25°32	13°45	8°42	4° 8	25°49	24°37	27°36	21°43	5°35	3°34	2° 2	9° 9	7°13	T 7
W 8	19 42 37	24°59'43	9°16	15°24	9°46	4°48	25°48	24°39	27°36	21°44	5°35	3°26	1°59	9°15	7°18	W 8
T 9	19 46 34	25°57'02	22°40	17° 1	10°49	5°27	25°47	24°41	27°37	21°46	5°34	3°18	1°55	9°22	7°23	T 9
F 10	19 50 30	26°54'22	5°14	18°36	11°53	6° 7	25°47	24°43	27°38	21°47	5°33	3° 9	1°52	9°29	7°28	F 10
S 11	19 54 27	27°51'43	18°28	20° 9	12°56	6°47	25°46	24°45	27°38	21°48	5°32	3° 1	1°49	9°35	7°33	S 11
S 12	19 58 23	28°49'04	0°15	21°40	13°58	7°26	25°46	24°47	27°39	21°49	5°31	2°56	1°46	9°42	7°38	S 12
M13	20 2 20	29°46'26	13° 1	23°10	15° 1	8° 6	25°D46	24°48	27°40	21°50	5°30	2°52	1°43	9°49	7°43	M13
T 14	20 6 17	0°14'34	24°58	24°38	16° 3	8°45	25°46	24°50	27°41	21°51	5°29	2°51	1°40	9°55	7°49	T 14
W15	20 10 13	1°41'11	6°14	26° 4	17° 5	9°25	25°46	24°51	27°42	21°52	5°28	2°D51	1°36	10° 2	7°54	W15
T 16	20 14 10	2°38'34	18°38	27°28	18° 7	10° 4	25°46	24°53	27°43	21°53	5°27	2°51	1°33	10° 9	7°59	T 16
F 17	20 18 6	3°35'58	0°13	28°50	19° 8	10°44	25°47	24°54	27°44	21°54	5°26	2°R52	1°30	10°15	8° 5	F 17
S 18	20 22 3	4°33'23	12°33	0°10	20° 9	11°23	25°48	24°55	27°45	21°55	5°25	2°51	1°27	10°22	8°10	S 18
S 19	20 25 59	5°30'49	24°49	1°28	21°10	12° 2	25°48	24°56	27°46	21°56	5°24	2°49	1°24	10°29	8°16	S 19
M20	20 29 56	6°28'15	7°32	2°44	22°10	12°42	25°50	24°57	27°47	21°57	5°23	2°45	1°20	10°35	8°22	M20
T 21	20 33 52	7°25'42	20°12	3°58	23°10	13°21	25°51	24°58	27°49	21°58	5°22	2°37	1°17	10°42	8°28	T 21
W22	20 37 49	8°23'11	3°23	5°10	24°10	14° 0	25°52	24°58	27°50	21°59	5°21	2°28	1°14	10°49	8°34	W22
T 23	20 41 46	9°20'40	16°52	6°19	25° 9	14°39	25°54	24°59	27°51	21°59	5°19	2°18	1°11	10°55	8°40	T 23
F 24	20 45 42	10°18'10	0°17	7°27	26° 8	15°18	25°56	24°59	27°53	22° 0	5°18	2° 7	1° 8	11° 2	8°46	F 24
S 25	20 49 39	11°15'42	14°34	8°32	27° 7	15°57	25°58	25° 0	27°54	22° 1	5°17	1°57	1° 5	11° 9	8°52	S 25
S 26	20 53 35	12°13'15	28°39	9°34	28° 5	16°36	26° 0	25° 0	27°56	22° 2	5°16	1°49	1° 1	11°15	8°58	S 26
M27	20 57 32	13°10'49	12°49	10°33	29° 3	17°15	26° 2	25° 0	27°57	22° 2	5°15	1°44	0°58	11°22	9° 4	M27
T 28	21 1 28	14° 8'25	26°59	11°30	0°15	17°54	26° 5	25°R 0	27°59	22° 3	5°14	1°41	0°55	11°29	9°11	T 28
W29	21 5 25	15° 6'02	11°18	12°24	0°57	18°33	26° 8	25° 0	28° 1	22° 3	5°13	1°D40	0°52	11°35	9°17	W29
T 30	21 9 21	16° 3'41	25°16	13°15	1°54	19°12	26°11	25° 0	28° 2	22° 4	5°11	1°R40	0°49	11°42	9°24	T 30
F 31	21 13 18	17°11'22	9°19	14°10	2°50	19°51	26°14	25°Y 0	28°4	22°5	5°H10	1°I40	0°II45	11°M49	9°430	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	22n15	8n52	2s52	21n11	1n45	11n43	1n 6	24n 7	0n37	18s32	0n47	7n 9	2s30	10s 9	0n31	16n32
T 2	22 7	14 34	1 43	20 42	1 42	11 16	1 2	24 7	0 38	18 32	0 47	7 10	2 30	10 9	0 31	16 32
F 3	21 58	19 29	0 27	20 12	1 39	10 49	0 58	24 8	0 38	18 32	0 47	7 11	2 30	10 9	0 31	16 33
S 4	21 50	23 15	0n50	19 40	1 35	10 22	0 54	24 8	0 39	18 31	0 47	7 11	2 30	10 9	0 31	16 33
S 5	21 41	25 32	2 4	19 8	1 30	9 54	0 50	24 7	0 39	18 31	0 46	7 12	2 31	10 10	0 31	16 33
M 6	21 31	26 8	3 9	18 35	1 25	9 27	0 46	24 7	0 40	18 31	0 46	7 12	2 31	10 10	0 31	16 33
T 7	21 21	25 3	4 2	18 1	1 20	8 59	0 42	24 6	0 41	18 31	0 46	7 13	2 31	10 10	0 30	16 34
W 8	21 11	22 28	4 40	17 26	1 14	8 31	0 38	24 6	0 41	18 31	0 46	7 14	2 31	10 10	0 30	16 34
T 9	21 1	18 44	5 1	16 51	1 7	8 2	0 33	24 5	0 42	18 31	0 45	7 14	2 32	10 11	0 30	16 34
F 10	20 50	14 10	5 6	16 15	1 1	7 34	0 29	24 3	0 42	18 31	0 45	7 15	2 32	10 11	0 30	16 34
S 11	20 38	9 6	4 55	15 39	0 54	7 6	0 24	24 2	0 43	18 31	0 45	7 15	2 32	10 11	0 30	16 35
S 12	20 27	3 48	4 31	15 3	0 46	6 37	0 19	24 0	0 43	18 31	0 45	7 15	2 33	10 12	0 30	16 35
M13	20 15	1s33	3 55	14 26	0 38	6 8	0 14	23 59	0 44	18 31	0 45	7 16	2 33	10 12	0 30	16 35
T 14	20 3	6 46	3 9	13 49	0 30	5 40	0 9	23 57	0 44	18 32	0 44	7 16	2 33	10 12	0 30	16 35
W15	19 50	11 42	2 15	13 12	0 22	5 11	0 4	23 55	0 45	18 32	0 44	7 16	2 33	10 13	0 30	16 36
T 16	19 37	16 12	1 16	12 35	0 13	4 42	0s 1	23 52	0 45	18 32	0 44	7 16	2 34	10 13	0 30	16 36
F 17	19 24	20 6	0 13	11 58	0 4	4 13	0 6	23 50	0 46	18 33	0 44	7 17	2 34	10 13	0 30	16 36
S 18	19 10	23 13	0s52	11 21	0s 5	3 44	0 12	23 47	0 46	18 33	0 43	7 17	2 34	10 14	0 30	16 36
S 19	18 56	25 18	1 54	10 45	0 15	3 15	0 17	23 44	0 47	18 33	0 43	7 17	2 34	10 14	0 30	16 36
M20	18 42	26 10	2 53	10 8	0 25	2 46	0 23	23 41	0 48	18 34	0 43	7 17	2 35	10 15	0 30	16 37
T 21	18 28	25 40	3 44	9 32	0 35	2 17	0 29	23 37	0 48	18 35	0 43	7 17	2 35	10 15	0 30	16 37
W22	18 13	23 44	4 25	8 57	0 45	1 48	0 35	23 34	0 49	18 35	0 42	7 17	2 35	10 16	0 30	16 37
T 23	17 58	20 27	4 52	8 22	0 55	1 19	0 41	23 30	0 49	18 36	0 42	7 17	2 36	10 16	0 30	16 37
F 24	17 42	15 59	5 2	7 47	1 6	0 50	0 47	23 26	0 50	18 36	0 42	7 17	2 36	10 17	0 30	16 37
S 25	17 26	10 38	4 55	7 13	1 16	0 21	0 53	23 22	0 50	18 37	0 42	7 17	2 36	10 17	0 30	16 37
S 26	17 10	4 40	4 30	6 40	1 27	0s 8	0 59	23 18	0 51	18 38	0 42	7 16	2 36	10 18	0 30	16 37
M27	16 54	1n34	3 49	6 7	1 38	0 37	1 5	23 14	0 51	18 39	0 41	7 16	2 37	10 19	0 30	16 38
T 28	16 38	7 44	2 53	5 36	1 49	1 6	1 12	23 9	0 52	18 39	0 41	7 16	2 37	10 19	0 30	16 38
W29	16 21	13 31	1 47	5 5	1 59	1 35	1 18	23 4	0 52	18 40	0 41	7 16	2 37	10 20	0 30	16 38
T 30	16 4	18 35	0 34	4 35	2 10	2 3	1 25	22 59	0 53	18 41	0 41	7 15	2 37	10 20	0 30	16 38
F 31	15n46	22n34	0n41	4n 7	2s21	2s32	1s32	22n54	0n53	18s42	0n40	7n15	2s38	10s21	0n30	16n38

Julian Day Number = 2289568.5, Delta T = 165.94 sec
Ecliptic obliquity = 23°29'53", Nutation = - 0°00'14", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'06", Lahiri = 17°40'06" Julian Calendar 1 July 1556 == Greg. Calendar 11 July 1556

ASTRODIENST EPHEMERIS for the year 1556

geocentric

AUGUST 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	21 17 15	17 ⁰⁵ 59'04	23 ¹¹ 18	14 ¹⁷ 47	3 ⁴⁵ 45	20 ³⁰ 30	26 ¹¹ 17	24 ⁰⁵ R59	28 ⁴⁵ 6	22 ⁸ 5	5 ⁰ R 9	1 ⁰ R38	0 ¹¹ 42	11 ¹¹ 55	9 ⁴⁵ 37	S 1
S 2	21 21 11	18 ⁰⁵ 56'48	7 ⁰⁵ 11	15 ⁰ 28	4 ⁰ 40	21 ⁰ 8	26 ²⁰ 20	24 ⁰⁵ Y59	28 ⁰ 8	22 ⁰ 6	5 ⁰ Y 8	1 ⁰ Y34	0 ⁰ 39	12 ⁰ 2	9 ⁰ 44	S 2
M 3	21 25 8	19 ⁰⁵ 54'33	20 ⁰ 57	16 ⁰ 5	5 ⁰ 35	21 ⁰ 47	26 ²⁴ 24	24 ⁰⁵ 58	28 ⁰ 10	22 ⁰ 6	5 ⁰ 7	1 ⁰ 28	0 ⁰ 36	12 ⁰ 8	9 ⁰ 50	M 3
T 4	21 29 4	20 ⁰⁵ 52'20	4 ⁰⁵ 33	16 ⁰ 38	6 ⁰ 29	22 ⁰ 26	26 ²⁸ 28	24 ⁰⁵ 58	28 ⁰ 12	22 ⁰ 6	5 ⁰ 5	1 ⁰ 18	0 ⁰ 33	12 ⁰ 15	9 ⁰ 57	T 4
W 5	21 33 1	21 ⁰⁵ 50'09	17 ⁰ 56	17 ⁰ 7	7 ⁰ 23	23 ⁰ 4	26 ³² 24	24 ⁰⁵ 57	28 ⁰ 14	22 ⁰ 7	5 ⁰ 4	1 ⁰ 7	0 ⁰ 30	12 ⁰ 22	10 ⁰ 4	W 5
T 6	21 36 57	22 ⁰⁴ 47'59	1 ¹⁷ 5	17 ⁰ 31	8 ⁰ 16	23 ⁰ 43	26 ³⁶ 24	24 ⁰⁵ 56	28 ⁰ 16	22 ⁰ 7	5 ⁰ 3	0 ⁰ 54	0 ⁰ 26	12 ⁰ 28	10 ⁰ 11	T 6
F 7	21 40 54	23 ⁰⁴ 45'50	13 ⁰ 57	17 ⁰ 51	9 ⁰ 8	24 ⁰ 21	26 ⁴⁰ 24	24 ⁰⁵ 55	28 ⁰ 18	22 ⁰ 7	5 ⁰ 2	0 ⁰ 42	0 ⁰ 23	12 ⁰ 35	10 ⁰ 18	F 7
S 8	21 44 50	24 ⁰⁴ 43'42	26 ⁰ 33	18 ⁰ 6	10 ⁰ 0	25 ⁰ 0	26 ⁴⁴ 24	24 ⁰⁵ 54	28 ⁰ 20	22 ⁰ 8	5 ⁰ 1	0 ⁰ 30	0 ⁰ 20	12 ⁰ 42	10 ⁰ 25	S 8
S 9	21 48 47	25 ⁰⁴ 41'36	8 ⁰⁵ 52	18 ⁰ 15	10 ⁰ 51	25 ⁰ 38	26 ⁴⁹ 24	24 ⁰⁵ 53	28 ⁰ 22	22 ⁰ 8	4 ⁰ 59	0 ⁰ 21	0 ⁰ 17	12 ⁰ 48	10 ⁰ 32	S 9
M10	21 52 44	26 ⁰³ 39'32	20 ⁰ 58	18 ⁰ R19	11 ⁰ 41	26 ⁰ 17	26 ⁵⁴ 24	24 ⁰⁵ 51	28 ⁰ 24	22 ⁰ 8	4 ⁰ 58	0 ⁰ 15	0 ⁰ 14	12 ⁰ 55	10 ⁰ 40	M10
T 11	21 56 40	27 ⁰³ 37'28	2 ¹¹ 53	18 ⁰ 17	12 ⁰ 31	26 ⁰ 55	26 ⁵⁹ 24	24 ⁰⁵ 50	28 ⁰ 26	22 ⁰ 8	4 ⁰ 57	0 ⁰ 11	0 ⁰ 11	13 ⁰ 2	10 ⁰ 47	T 11
W12	22 0 37	28 ⁰³ 35'26	14 ⁰ 42	18 ⁰ 9	13 ⁰ 20	27 ⁰ 33	27 ⁰ 4	24 ⁰⁴ 48	28 ⁰ 29	22 ⁰ 8	4 ⁰ 56	0 ⁰ 9	0 ⁰ 7	13 ⁰ 8	10 ⁰ 54	W12
T 13	22 4 33	29 ⁰³ 33'26	26 ⁰ 30	17 ⁰ 56	14 ⁰ 9	28 ⁰ 12	27 ⁰ 9	24 ⁰⁴ 47	28 ⁰ 31	22 ⁰ 9	4 ⁰ 54	0 ⁰ 8	0 ⁰ 4	13 ⁰ 15	11 ⁰ 2	T 13
F 14	22 8 30	0 ¹⁷ 31'27	8 ⁰⁷ 37	17 ⁰ 36	14 ⁰ 56	28 ⁰ 50	27 ⁰ 14	24 ⁰⁴ 45	28 ⁰ 33	22 ⁰ 9	4 ⁰ 53	0 ⁰ 8	0 ⁰ 1	13 ⁰ 22	11 ⁰ 9	F 14
S 15	22 12 26	1 ⁰ 29'29	20 ⁰ 26	17 ⁰ 10	15 ⁰ 43	29 ⁰ 28	27 ⁰ 20	24 ⁰⁴ 43	28 ⁰ 36	22 ⁰ 9	4 ⁰ 52	0 ⁰ 8	29 ⁰ 58	13 ⁰ 28	11 ⁰ 17	S 15
S 16	22 16 23	2 ⁰ 27'33	2 ⁰³ 44	16 ⁰ 38	16 ⁰ 29	0 ⁰ 6	27 ⁰ 26	24 ⁰⁴ 41	28 ⁰ 38	22 ⁰ R 9	4 ⁰ 51	0 ⁰ 5	29 ⁰ 55	13 ⁰ 35	11 ⁰ 24	S 16
M17	22 20 19	3 ⁰ 25'38	15 ⁰ 21	16 ⁰ 0	17 ⁰ 14	0 ⁰ 45	27 ⁰ 32	24 ⁰⁴ 39	28 ⁰ 41	22 ⁰ 9	4 ⁰ 49	29 ⁰ 59	29 ⁰ 51	13 ⁰ 42	11 ⁰ 32	M17
T 18	22 24 16	4 ⁰ 23'44	28 ⁰ 22	15 ⁰ 16	17 ⁰ 58	1 ⁰ 23	27 ⁰ 38	24 ⁰⁴ 37	28 ⁰ 43	22 ⁰ 9	4 ⁰ 48	29 ⁰ 52	29 ⁰ 48	13 ⁰ 48	11 ⁰ 39	T 18
W19	22 28 13	5 ⁰ 21'52	11 ⁰ 46	14 ⁰ 28	18 ⁰ 42	2 ⁰ 1	27 ⁰ 44	24 ⁰⁴ 35	28 ⁰ 46	22 ⁰ 9	4 ⁰ 47	29 ⁰ 42	29 ⁰ 45	13 ⁰ 55	11 ⁰ 47	W19
T 20	22 32 9	6 ⁰ 20'02	25 ⁰ 34	13 ⁰ 35	19 ⁰ 24	2 ⁰ 39	27 ⁰ 50	24 ⁰⁴ 33	28 ⁰ 48	22 ⁰ 8	4 ⁰ 46	29 ⁰ 31	29 ⁰ 42	14 ⁰ 2	11 ⁰ 55	T 20
F 21	22 36 6	7 ⁰ 18'13	9 ⁰ 42	12 ⁰ 39	20 ⁰ 5	3 ⁰ 17	27 ⁰ 57	24 ⁰⁴ 30	28 ⁰ 51	22 ⁰ 8	4 ⁰ 44	29 ⁰ 19	29 ⁰ 39	14 ⁰ 8	12 ⁰ 3	F 21
S 22	22 40 2	8 ⁰ 16'27	24 ⁰ 5	11 ⁰ 41	20 ⁰ 46	3 ⁰ 55	28 ⁰ 3	24 ⁰⁴ 28	28 ⁰ 54	22 ⁰ 8	4 ⁰ 43	29 ⁰ 8	29 ⁰ 36	14 ⁰ 15	12 ⁰ 10	S 22
S 23	22 43 59	9 ⁰ 14'41	8 ⁰ Y37	10 ⁰ 41	21 ⁰ 25	4 ⁰ 32	28 ⁰ 10	24 ⁰⁴ 25	28 ⁰ 56	22 ⁰ 8	4 ⁰ 42	28 ⁰ 59	29 ⁰ 32	14 ⁰ 22	12 ⁰ 18	S 23
M24	22 47 55	10 ⁰ 12'58	23 ⁰ 10	9 ⁰ 41	22 ⁰ 3	5 ⁰ 10	28 ⁰ 17	24 ⁰⁴ 23	28 ⁰ 59	22 ⁰ 8	4 ⁰ 41	28 ⁰ 53	29 ⁰ 29	14 ⁰ 28	12 ⁰ 26	M24
T 25	22 51 52	11 ⁰ 11'17	7 ⁰ 39	8 ⁰ 43	22 ⁰ 40	5 ⁰ 48	28 ⁰ 24	24 ⁰⁴ 20	29 ⁰ 2	22 ⁰ 7	4 ⁰ 39	28 ⁰ 49	29 ⁰ 26	14 ⁰ 35	12 ⁰ 34	T 25
W26	22 55 48	12 ⁰ 9'39	22 ⁰ 1	7 ⁰ 47	23 ⁰ 15	6 ⁰ 26	28 ⁰ 31	24 ⁰⁴ 17	29 ⁰ 5	22 ⁰ 7	4 ⁰ 38	28 ⁰ 48	29 ⁰ 23	14 ⁰ 41	12 ⁰ 42	W26
T 27	22 59 45	13 ⁰ 8'02	6 ⁰ 11	6 ⁰ 56	23 ⁰ 50	7 ⁰ 4	28 ⁰ 38	24 ⁰⁴ 14	29 ⁰ 8	22 ⁰ 7	4 ⁰ 37	28 ⁰ 48	29 ⁰ 20	14 ⁰ 48	12 ⁰ 50	T 27
F 28	23 3 41	14 ⁰ 6'28	20 ⁰ 10	6 ⁰ 10	24 ⁰ 23	7 ⁰ 41	28 ⁰ 46	24 ⁰⁴ 11	29 ⁰ 11	22 ⁰ 6	4 ⁰ 36	28 ⁰ 48	29 ⁰ 17	14 ⁰ 55	12 ⁰ 58	F 28
S 29	23 7 38	15 ⁰ 4'56	3 ⁰⁵ 57	5 ⁰ 30	24 ⁰ 55	8 ⁰ 19	28 ⁰ 53	24 ⁰⁴ 8	29 ⁰ 13	22 ⁰ 6	4 ⁰ 34	28 ⁰ 47	29 ⁰ 13	15 ⁰ 1	13 ⁰ 6	S 29
S 30	23 11 35	16 ⁰ 3'26	17 ⁰ 32	4 ⁰ 58	25 ⁰ 25	8 ⁰ 57	29 ⁰ 1	24 ⁰⁴ 5	29 ⁰ 16	22 ⁰ 5	4 ⁰ 33	28 ⁰ 43	29 ⁰ 10	15 ⁰ 8	13 ⁰ 14	S 30
M31	23 15 31	17 ⁰ 1'58	0 ⁰⁵ 56	4 ⁰ 35	25 ⁰ 54	9 ⁰ 34	29 ⁰ 9	24 ⁰⁴ Y 2	29 ⁰ 19	22 ⁰ 5	4 ⁰ Y32	28 ⁰ Y37	29 ⁰ Y 7	15 ⁰ 15	13 ⁰ 23	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl
S 1	15n29	25n12	1n52	3n40	2s32	3s 0	1s39	22n49	0n54	18s43	0n40	7n15	2s38	10s22	0n30	16n38	1s46	22s20	13s42	20n32
S 2	15 11	26 14	2 56	3 14	2 43	3 29	1 46	22 44	0 54	18 44	0 40	7 14	2 38	10 22	0 30	16 38	1 46	22 21	13 42	20 32
M 3	14 53	25 38	3 49	2 50	2 53	3 57	1 53	22 38	0 55	18 45	0 40	7 14	2 39	10 23	0 30	16 38	1 46	22 21	13 42	20 30
T 4	14 34	23 31	4 29	2 28	3 4	4 25	2 0	22 32	0 55	18 46	0 40	7 13	2 39	10 24	0 30	16 38	1 46	22 22	13 42	20 28
W 5	14 16	20 8	4 53	2 7	3 14	4 53	2 7	22 26	0 56	18 47	0 39	7 13	2 39	10 25	0 29	16 38	1 46	22 22	13 43	20 26
T 6	13 57	15 47	5 0	1 49	3 24	5 20	2 14	22 20	0 56	18 49	0 39	7 12	2 39	10 25	0 29	16 38	1 46	22 23	13 43	20 23
F 7	13 38	10 49	4 53	1 32	3 33	5 48	2 22	22 14	0 57	18 50	0 39	7 12	2 40	10 26	0 29	16 38	1 46	22 23	13 43	20 21
S 8	13 19	5 31	4 31	1 18	3 43	6 15	2 29	22 8	0 57	18 51	0 39	7 11	2 40	10 27	0 29	16 38	1 46	22 24	13 43	20 18
S 9	12 59	0 6	3 56	1 7	3 51	6 42	2 37	22 1	0 58	18 52	0 38	7 10	2 40	10 28	0 29	16 38	1 46	22 25	13 43	20 16
M10	12 40	5s14	3 12	0 58	3 59	7 9	2 44	21 54	0 58	18 54	0 38	7 10	2 40	10 29	0 29	16 38	1 46	22 25	13 43	20 15
T 11	12 20	10 19	2 19	0 52	4 6	7 36	2 52	21 47	0 59	18 55	0 38	7 9	2 41	10 29	0 29	16 38	1 46	22 26	13 43	20 14
W12	12 0	15 0	1 21	0 49	4 12	8 2	3 0	21 40	0 59	18 56	0 38	7 8	2 41	10 30	0 29	16 38	1 46	22 26	13 43	20 14
T 13	11 39	19 7	0 19	0 50	4 18	8 28	3 8	21 33	1 0	18 58	0 38	7 7	2 41	10 31	0 29	16 38	1 46	22 27	13 43	20 14
F 14	11 19	22 29	0s44	0 54	4 22	8 54	3 15	21 26	1 0	18 59	0 37	7 6	2 41	10 32	0 29	16 38	1 46	22 27	13 43	20 14
S 15	10 58	24 54	1 45	1 1	4 25	9 20	3 23	21 18	1 1	19 1	0 37	7 6	2 42	10 33	0 29	16 38	1 46	22 28	13 43	20 14
S 16	10 37	26 12	2 43	1 12	4 26	9 45	3 31	21 11	1 1	19 2	0 37	7 5	2 42	10 34	0 29	16 38	1 46	22 28	13 43	20 13
M17	10 16	26 10	3 35	1 27	4 26	10 10	3 39	21 3	1 2	19 4	0 37	7 4	2 42	10 35	0 29	16 38	1 46	22 29	13 44	20 12
T 18	9 55	24 44	4 17	1 45	4 24	10 34	3 48	20 55	1 2	19 5	0 37	7 3	2 42	10 36	0 29	16 38	1 47	22 29	13 44	20 10
W19	9 34	21 53	4 46	2 7	4 21	10 58	3 56	20 47	1 3	19 7	0 36	7 2	2 43	10 37	0 29	16 38	1 47	22 30	13 44	20 8
T 20	9 13	17 44	5 0	2 32	4 15	11 22	4 4	20 39	1 3	19 8	0 36	7 1	2 43	10 37	0 29	16 38	1 47	22 30	13 44	20 6
F 21	8 51	12 31	4 56	3 0	4 8	11 46	4 12	20 30	1 4	19 10	0 36	7 0	2 43	10 38	0 29	16 38	1 47	22 31	13 44	20 3
S 22	8 29	6 32	4 33	3 31	3 59	12 9	4 20	20 22	1 4	19 12	0 36	6 58	2 43	10 39	0 29	16 38	1 47	22 31	13 44	20 1
S 23	8 7	0 8	3 53	4 4	3 47	12 31	4 29	20 13	1 5	19 13	0 36	6 57	2 43	10 40	0 29	16 38	1 47	22 32	13 44	19 59
M24	7 45	6n17	2 57	4 39	3 34	12 53	4 37	20 5	1 5	19 15	0 35	6 56	2 44	10 41	0 29	16 37	1 47	22 32	13 44	19 58
T 25	7 23	12 22	1 50	5 14	3 19	13 15	4 45	19 56	1 6	19 17	0 35	6 55	2 44	10 42	0 29	16 37	1 47	22 33	13 44	19 57
W26	7 1	17 44	0 36	5 50	3 3	13 36	4 54	19 47	1 6	19 19	0 35	6 54	2 44	10 43	0 29	16 37	1 47	22 33	13 44	19 56
T 27	6 39	22 2	0n39	6 25	2 46	13 57	5 2	19 38	1 7	19 20	0 35	6 52	2 44	10 44	0 29	16 37	1 47	22 34	13 44	19 56
F 28	6 16	24 58	1 51	7 0	2 27	14 17	5 10	19 29	1 7	19 22	0 35	6 51	2 45	10 46	0 29	16 37	1 47	22 34	13 44	19 56
S 29	5 53	26 21	2 55	7 32	2 8	14 36	5 19	19 19	1 8	19 24	0 34	6 50	2 45	10 47	0 29	16 37	1 47	22 35	13 44	19 56
S 30	5 31	26 7	3 48	8 2	1 48	14 55	5 27	19 10	1 8	19 26	0 34	6 48	2 45	10 48	0 29	16 37	1 47	22 35	13 44	19 55
M31	5n 8	24n21	4n28	8n29	1s29	15s13	5s35	19n 0	1n 9	19s28	0n34	6n47	2s45	10s49	0n29	16n36	1s47	22s36	13s44	19n54

ASTRODIENST EPHEMERIS for the year 1556

geocentric

SEPTEMBER 1556 JC

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	23 19 28	18 ^h 0'32	14 ^h 9	4 ^h R20	26 ^h 21	10 ^h 12	29 ^h 17	23 ^h R58	29 ^h 22	22 ^h R 4	4 ^h R31	28 ^h R28	29 ^h 4	15 ^h 21	13 ^h 31	T 1
W 2	23 23 24	18 ^h 59'08	27 ^h 10	4 ^h D15	26 ^h 47	10 ^h 49	29 ^h 25	23 ^h Y55	29 ^h 25	22 ^h 8 4	4 ^h K29	28 ^h 17	29 ^h 1	15 ^h 28	13 ^h 39	W 2
T 3	23 27 21	19 ^h 57'47	9 ^h 59	4 ^h 19	27 ^h 11	11 ^h 27	29 ^h 33	23 ^h 51	29 ^h 29	22 ^h 3	4 ^h 28	28 ^h 5	28 ^h 57	15 ^h 35	13 ^h 47	T 3
F 4	23 31 17	20 ^h 56'27	22 ^h 34	4 ^h 33	27 ^h 34	12 ^h 4	29 ^h 42	23 ^h 48	29 ^h 32	22 ^h 3	4 ^h 27	27 ^h 53	28 ^h 54	15 ^h 41	13 ^h 56	F 4
S 5	23 35 14	21 ^h 55'09	4 ^h 57	4 ^h 57	27 ^h 55	12 ^h 41	29 ^h 50	23 ^h 44	29 ^h 35	22 ^h 2	4 ^h 26	27 ^h 42	28 ^h 51	15 ^h 48	14 ^h 4	S 5
S 6	23 39 10	22 ^h 53'53	17 ^h 7	5 ^h 30	28 ^h 14	13 ^h 19	29 ^h 59	23 ^h 41	29 ^h 38	22 ^h 1	4 ^h 25	27 ^h 33	28 ^h 48	15 ^h 55	14 ^h 12	S 6
M 7	23 43 7	23 ^h 52'39	29 ^h 7	6 ^h 12	28 ^h 31	13 ^h 56	0 ^h 7	23 ^h 37	29 ^h 41	22 ^h 1	4 ^h 23	27 ^h 27	28 ^h 45	16 ^h 1	14 ^h 21	M 7
T 8	23 47 4	24 ^h 51'27	10 ^h 59	7 ^h 2	28 ^h 46	14 ^h 33	0 ^h 16	23 ^h 33	29 ^h 44	22 ^h 0	4 ^h 22	27 ^h 23	28 ^h 42	16 ^h 8	14 ^h 29	T 8
W 9	23 51 0	25 ^h 50'17	22 ^h 46	8 ^h 0	28 ^h 59	15 ^h 10	0 ^h 25	23 ^h 29	29 ^h 48	21 ^h 59	4 ^h 21	27 ^h D22	28 ^h 38	16 ^h 15	14 ^h 38	W 9
T 10	23 54 57	26 ^h 49'09	4 ^h 33	9 ^h 6	29 ^h 10	15 ^h 47	0 ^h 34	23 ^h 25	29 ^h 51	21 ^h 58	4 ^h 20	27 ^h 22	28 ^h 35	16 ^h 21	14 ^h 46	T 10
F 11	23 58 53	27 ^h 48'02	16 ^h 24	10 ^h 17	29 ^h 18	16 ^h 25	0 ^h 43	23 ^h 21	29 ^h 54	21 ^h 58	4 ^h 19	27 ^h 23	28 ^h 32	16 ^h 28	14 ^h 55	F 11
S 12	0 2 50	28 ^h 46'58	28 ^h 25	11 ^h 35	29 ^h 25	17 ^h 2	0 ^h 53	23 ^h 17	29 ^h 58	21 ^h 57	4 ^h 18	27 ^h R23	28 ^h 29	16 ^h 34	15 ^h 3	S 12
S 13	0 6 46	29 ^h 45'55	10 ^h 34	12 ^h 58	29 ^h 30	17 ^h 39	1 ^h 2	23 ^h 13	0 ^h 1	21 ^h 56	4 ^h 17	27 ^h 22	28 ^h 26	16 ^h 41	15 ^h 12	S 13
M14	0 10 43	0 ^h 44'54	23 ^h 18	14 ^h 25	29 ^h R32	18 ^h 16	1 ^h 12	23 ^h 9	0 ^h 4	21 ^h 55	4 ^h 15	27 ^h 20	28 ^h 23	16 ^h 48	15 ^h 20	M14
T 15	0 14 39	1 ^h 43'54	6 ^h 19	15 ^h 57	29 ^h 31	18 ^h 52	1 ^h 21	23 ^h 4	0 ^h 8	21 ^h 54	4 ^h 14	27 ^h 15	28 ^h 19	16 ^h 54	15 ^h 29	T 15
W16	0 18 36	2 ^h 42'57	19 ^h 47	17 ^h 31	29 ^h 29	19 ^h 29	1 ^h 31	23 ^h 0	0 ^h 11	21 ^h 53	4 ^h 13	27 ^h 9	28 ^h 16	17 ^h 1	15 ^h 38	W16
T 17	0 22 33	3 ^h 42'01	3 ^h 42	19 ^h 8	29 ^h 24	20 ^h 6	1 ^h 41	22 ^h 56	0 ^h 15	21 ^h 52	4 ^h 12	27 ^h 0	28 ^h 13	17 ^h 8	15 ^h 46	T 17
F 18	0 26 29	4 ^h 41'07	18 ^h 3	20 ^h 48	29 ^h 16	20 ^h 43	1 ^h 51	22 ^h 51	0 ^h 18	21 ^h 51	4 ^h 11	26 ^h 52	28 ^h 10	17 ^h 14	15 ^h 55	F 18
S 19	0 30 26	5 ^h 40'15	2 ^h Y44	22 ^h 29	29 ^h 7	21 ^h 20	2 ^h 1	22 ^h 47	0 ^h 22	21 ^h 50	4 ^h 10	26 ^h 44	28 ^h 7	17 ^h 21	16 ^h 3	S 19
S 20	0 34 22	6 ^h 39'25	17 ^h 37	24 ^h 12	28 ^h 54	21 ^h 56	2 ^h 11	22 ^h 42	0 ^h 25	21 ^h 49	4 ^h 9	26 ^h 37	28 ^h 3	17 ^h 28	16 ^h 12	S 20
M21	0 38 19	7 ^h 38'37	2 ^h 34	25 ^h 56	28 ^h 40	22 ^h 33	2 ^h 21	22 ^h 38	0 ^h 29	21 ^h 48	4 ^h 8	26 ^h 33	28 ^h 0	17 ^h 34	16 ^h 21	M21
T 22	0 42 15	8 ^h 37'51	17 ^h 27	27 ^h 40	28 ^h 23	23 ^h 10	2 ^h 32	22 ^h 33	0 ^h 32	21 ^h 47	4 ^h 7	26 ^h 31	27 ^h 57	17 ^h 41	16 ^h 30	T 22
W23	0 46 12	9 ^h 37'08	2 ^h 11	29 ^h 25	28 ^h 4	23 ^h 46	2 ^h 42	22 ^h 29	0 ^h 36	21 ^h 46	4 ^h 6	26 ^h D31	27 ^h 54	17 ^h 48	16 ^h 38	W23
T 24	0 50 8	10 ^h 36'27	16 ^h 34	1 ^h 11	27 ^h 42	24 ^h 23	2 ^h 53	22 ^h 24	0 ^h 39	21 ^h 44	4 ^h 5	26 ^h 32	27 ^h 51	17 ^h 54	16 ^h 47	T 24
F 25	0 54 5	11 ^h 35'49	0 ^h 41	2 ^h 56	27 ^h 18	24 ^h 59	3 ^h 3	22 ^h 19	0 ^h 43	21 ^h 43	4 ^h 4	26 ^h 33	27 ^h 48	18 ^h 1	16 ^h 56	F 25
S 26	0 58 2	12 ^h 35'13	14 ^h 28	4 ^h 41	26 ^h 53	25 ^h 36	3 ^h 14	22 ^h 15	0 ^h 46	21 ^h 42	4 ^h 3	26 ^h R33	27 ^h 44	18 ^h 8	17 ^h 4	S 26
S 27	1 1 58	13 ^h 34'39	27 ^h 56	6 ^h 26	26 ^h 25	26 ^h 12	3 ^h 25	22 ^h 10	0 ^h 50	21 ^h 41	4 ^h 2	26 ^h 32	27 ^h 41	18 ^h 14	17 ^h 13	S 27
M28	1 5 55	14 ^h 34'07	11 ^h 8	8 ^h 11	25 ^h 56	26 ^h 48	3 ^h 36	22 ^h 5	0 ^h 54	21 ^h 40	4 ^h 1	26 ^h 29	27 ^h 38	18 ^h 21	17 ^h 22	M28
T 29	1 9 51	15 ^h 33'38	24 ^h 4	9 ^h 56	25 ^h 25	27 ^h 25	3 ^h 47	22 ^h 0	0 ^h 57	21 ^h 38	4 ^h 0	26 ^h 24	27 ^h 35	18 ^h 27	17 ^h 31	T 29
W30	1 13 48	16 ^h 33'11	6 ^h 46	11 ^h 40	24 ^h 52	28 ^h 1	3 ^h 58	21 ^h Y56	1 ^h 1	21 ^h 37	4 ^h 0	26 ^h 18	27 ^h 32	18 ^h 34	17 ^h 39	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	4n45	21n17	4n53	8n52	1s 9	15s31	5s43	18n51	1n 9	19s30	0n34	6n46	2s45	10s50	0n29	16n36	1s47	22s36	13s44	19n52	20n 0	15s19	6s17	1s 1	0s18	25 40	
W 2	4 22	17 12	5 2	9 12	0 50	15 48	5 51	18 41	1 10	19 32	0 34	6 44	2 46	10 51	0 29	16 36	1 47	22 36	13 43	19 50	19 59	15 21	6 20	1 0	0s18	25 40	
T 3	3 59	12 24	4 56	9 28	0 31	16 5	5 59	18 31	1 10	19 34	0 33	6 43	2 46	10 52	0 29	16 36	1 47	22 37	13 43	19 47	19 59	15 24	6 22	1 0	0s18	25 40	
F 4	3 36	7 10	4 35	9 39	0 14	16 20	6 7	18 21	1 11	19 36	0 33	6 41	2 46	10 53	0 29	16 36	1 47	22 37	13 43	19 44	19 58	15 27	6 25	1 0	0s18	25 40	
S 5	3 13	1 43	4 2	9 46	0n 3	16 35	6 15	18 11	1 11	19 38	0 33	6 40	2 46	10 54	0 29	16 35	1 48	22 38	13 43	19 42	19 57	15 30	6 28	0 59	0s18	25 40	
S 6	2 50	3s42	3 17	9 49	0 19	16 49	6 23	18 1	1 12	19 40	0 33	6 38	2 46	10 55	0 29	16 35	1 48	22 38	13 43	19 40	19 56	15 32	6 31	0 59	0s18	25 40	
M 7	2 26	8 56	2 25	9 47	0 34	17 2	6 31	17 50	1 12	19 42	0 33	6 37	2 46	10 57	0 29	16 35	1 48	22 38	13 43	19 38	19 56	15 35	6 34	0 59	0s18	25 40	
T 8	2 3	13 47	1 26	9 41	0 47	17 15	6 38	17 40	1 13	19 44	0 33	6 35	2 47	10 58	0 29	16 35	1 48	22 39	13 43	19 37	19 55	15 38	6 37	0 58	0s18	25 40	
W 9	1 39	18 7	0 25	9 30	0 59	17 26	6 45	17 29	1 13	19 46	0 32	6 34	2 47	10 59	0 29	16 34	1 48	22 39	13 43	19 37	19 54	15 41	6 40	0 58	0s18	25 40	
T 10	1 16	21 44	0s38	9 16	1 10	17 37	6 52	17 19	1 14	19 48	0 32	6 32	2 47	11 0	0 29	16 34	1 48	22 39	13 43	19 37	19 54	15 43	6 43	0 58	0s18	25 40	
F 11	0 53	24 28	1 40	8 58	1 20	17 46	6 59	17 8	1 14	19 50	0 32	6 30	2 47	11 1	0 29	16 34	1 48	22 40	13 43	19 37	19 53	15 46	6 46	0 57	0s18	25 40	
S 12	0 29	26 8	2 39	8 36	1 28	17 55	7 5	16 57	1 15	19 52	0 32	6 29	2 47	11 2	0 28	16 34	1 48	22 40	13 43	19 37	19 52	15 49	6 49	0 57	0s18	25 40	
S 13	0 6	26 34	3 31	8 10	1 35	18 2	7 12	16 46	1 15	19 54	0 32	6 27	2 47	11 4	0 28	16 33	1 48	22 40	13 43	19 37	19 52	15 51	6 52	0 57	0s18	25 40	
M14	0s18	25 40	4 14	7 42	1 41	18 8	7 17	16 35	1 16	19 56	0 31	6 25	2 47	11 5	0 28	16 33	1 48	22 41	13 42	19 37	19 51	15 54	6 55	0 56	0s18	25 40	
T 15	0 41	23 22	4 46	7 11	1 46	18 13	7 23	16 24	1 16	19 58	0 31	6 24	2 47	11 6	0 28	16 33	1 48	22 41	13 42	19 36	19 50	15 57	6 58	0 56	0s18	25 40	
W16	1 5	19 43	5 4	6 38	1 50	18 17	7 28	16 13	1 16	20 0	0 31	6 22	2 48	11 7	0 28	16 33	1 48	22 41	13 42	19 34	19 49	16 0	7 1	0 56	0s18	25 40	
T 17	1 28	14 54	5 4	6 2	1 52	18 20	7 33	16 2	1 17	20 3	0 31	6 20	2 48	11 9	0 28	16 32	1 48	22 42	13 42	19 32	19 49	16 2	7 4	0 55	0s18	25 40	
F 18	1 52	9 7	4 46	5 24	1 54	18 21	7 37	15 51	1 17	20 5	0 31	6 19	2 48	11 10	0 28	16 32	1 48	22 42	13 42	19 30	19 48	16 5	7 7	0 55	0s18	25 40	
S 19	2 15	2 43	4 9	4 45	1 55	18 19	7 40	15 39	1 18	20 7	0 31	6 17	2 48	11 11	0 28	16 32	1 48	22 42	13 42	19 28	19 47	16 8	7 10	0 55	0s18	25 40	
S 20	2 39	3n57	3 14	4 4	1 55	18 19	7 44	15 28	1 18	20 9	0 31	6 15	2 48	11 12	0 28	16 31	1 48	22 42	13 42	19 27	19 47	16 10	7 13	0 54	0s18	25 40	
M21	3 2	10 26	2 6	3 22	1 54	18 16	7 46	15 16	1 19	20 11	0 30	6 13	2 48	11 13	0 28	16 31	1 48	22 43	13 42	19 26	19 46	16 13	7 17	0 54	0s18	25 40	
T 22	3 26	16 18	0 49	2 39	1 53	18 12	7 48	15 5	1 19	20 13	0 30	6 12	2 48	11 15	0 28	16 31	1 48	22 43	13 41	19 25	19 45	16 16	7 20	0 54	0s18	25 40	
W23	3 49	21 8	0n30	1 56	1 51	18 6	7 49	14 53	1 20	20 16	0 30	6 10	2 48	11 16	0 28	16 30	1 48	22 43	13 41	19 25	19 44	16 19	7 23	0 53	0s18	25 40	
T 24	4 13	24 35	1 46	1 11	1 45	17 58	7 50	14 41	1 20	20 18	0 30	6 8	2 48	11 17	0 28	16 30	1 48	22 43	13 41	19 26	19 43	16 21	7 26	0 53	0s18	25 40	
F 25	4 36	26 24	2 54	0 27	1 49	17 49	7 50	14 30	1 21	20 20	0 30	6 6	2 48	11 19	0 28	16 30	1 48	22 44	13 41	19 26	19 43	16 24	7 29	0 53	0s18	25 40	
S 26	4 59	26 32	3 50	0s19	1 42	17 39	7 49	14 18	1 21	20 22	0 30	6 5	2 48	11 20	0 28	16 29	1 48	22 44	13 41	19 26	19 42	16 27	7 32	0 53	0s18	25 40	
S 27	5 22	25 4	4 32	1 4	1 38	17 27	7 47	14 6	1 22	20 25	0 29	6 3	2 48	11 21	0 28	16 29	1 48	22 44	13 41	19 26	19 42	16 29	7 35	0 52	0s18	25 40	
M28	5 45	22 16	4 59	1 49	1 33	17 14	7 44	13 54	1 22	20 27	0 29	6 1	2 48	11 22	0 28	16 29	1 49	22 44	13 40	19 25	19 41	16 32	7 38	0 52	0s18	25 40	
T 29	6 8	18 24	5 10	2 35	1 29	16 59	7 41	13 42	1 23	20 29	0 29	5 59	2 48	11 24	0 28	16 28	1 49	22 44	13 40	19 24	19 40	16 35	7 41	0 52	0s18	25 40	
W30	6s31	13n46	5n 5	3s20	1n24	16s43	7s36	13n30	1n23	20s31	0n29	5n57	2s48	11s25	0n28	16n28	1s49	22s44	13s40	19n22	19n39	16s37	7s44	0s51	0s18	25 40	

ASTRODIENST EPHEMERIS for the year 1556

geocentric

OCTOBER 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	1 17 44	17 ^h 23 ^m 47 ^s	19 ^h 16 ^m	13 ^h 24 ^m	24 ^h R19	28 ^h Ω37	4 ^h 9 ^m	21 ^h R51	1 ^h 5 ^m	21 ^h R36	3 ^h R59	26 ^h R11	27 ^h Ω28	18 ^h Ω41	17 ^h Ω48	T 1
F 2	1 21 41	18 ^h 32 ^m 24 ^s	1 ^h 23 ^m 5 ^s	15 ^h 7 ^m	23 ^h Ω44	29 ^h 13	4 ^h 20 ^m	21 ^h Υ46	1 ^h 8 ^m	21 ^h Ω34	3 ^h Ω58	26 ^h Ω 4	27 ^h 25	18 ^h 47	17 ^h 57	F 2
S 3	1 25 37	19 ^h 32 ^m 03 ^s	13 ^h 44 ^m	16 ^h 49 ^m	23 ^h 9 ^m	29 ^h 49	4 ^h 32 ^m	21 ^h 41	1 ^h 12 ^m	21 ^h 33	3 ^h 57	25 ^h 58	27 ^h 22	18 ^h 54	18 ^h 6	S 3
S 4	1 29 34	20 ^h 31 ^m 45 ^s	25 ^h 44 ^m	18 ^h 31 ^m	22 ^h 33 ^m	0 ^h 25	4 ^h 43 ^m	21 ^h 36	1 ^h 16 ^m	21 ^h 31	3 ^h 56	25 ^h 52	27 ^h 19	19 ^h 1	18 ^h 14	S 4
M 5	1 33 31	21 ^h 31 ^m 29 ^s	7 ^h 13 ^m 47 ^s	20 ^h 13 ^m	21 ^h 56 ^m	1 ^h 1	4 ^h 55 ^m	21 ^h 32	1 ^h 19 ^m	21 ^h 30	3 ^h 56	25 ^h 49	27 ^h 16	19 ^h 7	18 ^h 23	M 5
T 6	1 37 27	22 ^h 31 ^m 14 ^s	19 ^h 26 ^m	21 ^h 53 ^m	21 ^h 19 ^m	1 ^h 37	5 ^h 6 ^m	21 ^h 27	1 ^h 23 ^m	21 ^h 29	3 ^h 55	25 ^h 47	27 ^h 13	19 ^h 14	18 ^h 32	T 6
W 7	1 41 24	23 ^h 31 ^m 02 ^s	1 ^h 12 ^m	23 ^h 34 ^m	20 ^h 43 ^m	2 ^h 13	5 ^h 18 ^m	21 ^h 22	1 ^h 27 ^m	21 ^h 27	3 ^h 54	25 ^h D47	27 ^h 9	19 ^h 21	18 ^h 41	W 7
T 8	1 45 20	24 ^h 30 ^m 51 ^s	12 ^h 58 ^m	25 ^h 13 ^m	20 ^h 7 ^m	2 ^h 49	5 ^h 30 ^m	21 ^h 17	1 ^h 31 ^m	21 ^h 26	3 ^h 53	25 ^h 48	27 ^h 6	19 ^h 27	18 ^h 49	T 8
F 9	1 49 17	25 ^h 30 ^m 42 ^s	24 ^h 50 ^m	26 ^h 52 ^m	19 ^h 32 ^m	3 ^h 24	5 ^h 42 ^m	21 ^h 12	1 ^h 34 ^m	21 ^h 24	3 ^h 53	25 ^h 50	27 ^h 3	19 ^h 34	18 ^h 58	F 9
S 10	1 53 13	26 ^h 30 ^m 35 ^s	2 ^h 50 ^m	28 ^h 31 ^m	18 ^h 57 ^m	4 ^h 0	5 ^h 53 ^m	21 ^h 8	1 ^h 38 ^m	21 ^h 23	3 ^h 52	25 ^h 52	27 ^h 0	19 ^h 41	19 ^h 7	S 10
S 11	1 57 10	27 ^h 30 ^m 30 ^s	19 ^h 4 ^m	0 ^h 11 ^m 9 ^s	18 ^h 23 ^m	4 ^h 36	6 ^h 5 ^m	21 ^h 3	1 ^h 42 ^m	21 ^h 21	3 ^h 51	25 ^h 53	26 ^h 57	19 ^h 47	19 ^h 15	S 11
M12	2 1 6	28 ^h 30 ^m 26 ^s	1 ^h 23 ^m 37 ^s	1 ^h 46 ^m	17 ^h 51 ^m	5 ^h 11	6 ^h 17 ^m	20 ^h 58	1 ^h 46 ^m	21 ^h 20	3 ^h 51	25 ^h R53	26 ^h 54	19 ^h 54	19 ^h 24	M12
T 13	2 5 3	29 ^h 30 ^m 24 ^s	14 ^h 32 ^m	3 ^h 23 ^m	17 ^h 20 ^m	5 ^h 47	6 ^h 29 ^m	20 ^h 53	1 ^h 49 ^m	21 ^h 18	3 ^h 50	25 ^h 52	26 ^h 50	20 ^h 1	19 ^h 33	T 13
W14	2 9 0	0 ^h 13 ^m 02 ^s	27 ^h 54 ^m	5 ^h 0 ^m	16 ^h 51 ^m	6 ^h 22	6 ^h 42 ^m	20 ^h 49	1 ^h 53 ^m	21 ^h 17	3 ^h 49	25 ^h 50	26 ^h 47	20 ^h 7	19 ^h 41	W14
T 15	2 12 56	1 ^h 30 ^m 25 ^s	11 ^h 11 ^m 44 ^s	6 ^h 36 ^m	16 ^h 24 ^m	6 ^h 58	6 ^h 54 ^m	20 ^h 44	1 ^h 57 ^m	21 ^h 15	3 ^h 49	25 ^h 47	26 ^h 44	20 ^h 14	19 ^h 50	T 15
F 16	2 16 53	2 ^h 30 ^m 28 ^s	26 ^h 2 ^m	8 ^h 11 ^m	15 ^h 58 ^m	7 ^h 33	7 ^h 6 ^m	20 ^h 39	2 ^h 1 ^m	21 ^h 13	3 ^h 48	25 ^h 44	26 ^h 41	20 ^h 20	19 ^h 59	F 16
S 17	2 20 49	3 ^h 30 ^m 32 ^s	10 ^h Υ45	9 ^h 46 ^m	15 ^h 35 ^m	8 ^h 8	7 ^h 18 ^m	20 ^h 35	2 ^h 4 ^m	21 ^h 12	3 ^h 48	25 ^h 41	26 ^h 38	20 ^h 27	20 ^h 7	S 17
S 18	2 24 46	4 ^h 30 ^m 38 ^s	25 ^h 46 ^m	11 ^h 21 ^m	15 ^h 14 ^m	8 ^h 43	7 ^h 31 ^m	20 ^h 30	2 ^h 8 ^m	21 ^h 10	3 ^h 47	25 ^h 38	26 ^h 34	20 ^h 34	20 ^h 16	S 18
M19	2 28 42	5 ^h 30 ^m 46 ^s	10 ^h Ω57	12 ^h 55 ^m	14 ^h 55 ^m	9 ^h 19	7 ^h 43 ^m	20 ^h 25	2 ^h 12 ^m	21 ^h 9	3 ^h 47	25 ^h 37	26 ^h 31	20 ^h 40	20 ^h 24	M19
T 20	2 32 39	6 ^h 30 ^m 56 ^s	26 ^h 9 ^m	14 ^h 29 ^m	14 ^h 39 ^m	9 ^h 54	7 ^h 56 ^m	20 ^h 21	2 ^h 16 ^m	21 ^h 7	3 ^h 46	25 ^h D36	26 ^h 28	20 ^h 47	20 ^h 33	T 20
W21	2 36 35	7 ^h 31 ^m 08 ^s	11 ^h 11 ^m	16 ^h 2 ^m	14 ^h 25 ^m	10 ^h 29	8 ^h 8 ^m	20 ^h 16	2 ^h 19 ^m	21 ^h 5	3 ^h 46	25 ^h 37	26 ^h 25	20 ^h 54	20 ^h 41	W21
T 22	2 40 32	8 ^h 31 ^m 22 ^s	25 ^h 56 ^m	17 ^h 35 ^m	14 ^h 14 ^m	11 ^h 4	8 ^h 21 ^m	20 ^h 12	2 ^h 23 ^m	21 ^h 4	3 ^h 45	25 ^h 38	26 ^h 22	21 ^h 0	20 ^h 50	T 22
F 23	2 44 29	9 ^h 31 ^m 38 ^s	10 ^h Ω18	19 ^h 8 ^m	14 ^h 5 ^m	11 ^h 39	8 ^h 34 ^m	20 ^h 8	2 ^h 27 ^m	21 ^h 2	3 ^h 45	25 ^h 39	26 ^h 19	21 ^h 7	20 ^h 58	F 23
S 24	2 48 25	10 ^h 31 ^m 56 ^s	24 ^h 17 ^m	20 ^h 40 ^m	13 ^h 58 ^m	12 ^h 13	8 ^h 46 ^m	20 ^h 3	2 ^h 31 ^m	21 ^h 0	3 ^h 45	25 ^h 40	26 ^h 15	21 ^h 14	21 ^h 7	S 24
S 25	2 52 22	11 ^h 32 ^m 16 ^s	7 ^h Ω50	22 ^h 12 ^m	13 ^h 54 ^m	12 ^h 48	8 ^h 59 ^m	19 ^h 59	2 ^h 34 ^m	20 ^h 59	3 ^h 44	25 ^h R41	26 ^h 12	21 ^h 20	21 ^h 15	S 25
M26	2 56 18	12 ^h 32 ^m 38 ^s	21 ^h 0 ^m	23 ^h 44 ^m	13 ^h D53	13 ^h 23	9 ^h 12 ^m	19 ^h 55	2 ^h 38 ^m	20 ^h 57	3 ^h 44	25 ^h 41	26 ^h 9	21 ^h 27	21 ^h 24	M26
T 27	3 0 15	13 ^h 33 ^m 02 ^s	3 ^h 27 ^m 49 ^s	25 ^h 15 ^m	13 ^h 54 ^m	13 ^h 58	9 ^h 25 ^m	19 ^h 50	2 ^h 42 ^m	20 ^h 55	3 ^h 44	25 ^h 40	26 ^h 6	21 ^h 34	21 ^h 32	T 27
W28	3 4 11	14 ^h 33 ^m 28 ^s	16 ^h 20 ^m	26 ^h 46 ^m	13 ^h 57 ^m	14 ^h 32	9 ^h 38 ^m	19 ^h 46	2 ^h 46 ^m	20 ^h 54	3 ^h 43	25 ^h 39	26 ^h 3	21 ^h 40	21 ^h 40	W28
T 29	3 8 8	15 ^h 33 ^m 56 ^s	28 ^h 38 ^m	28 ^h 17 ^m	14 ^h 3 ^m	15 ^h 7	9 ^h 51 ^m	19 ^h 42	2 ^h 49 ^m	20 ^h 52	3 ^h 43	25 ^h 37	26 ^h 0	21 ^h 47	21 ^h 49	T 29
F 30	3 12 4	16 ^h 34 ^m 25 ^s	10 ^h Ω44	29 ^h 47 ^m	14 ^h 11 ^m	15 ^h 41	10 ^h 4 ^m	19 ^h 38	2 ^h 53 ^m	20 ^h 50	3 ^h 43	25 ^h 36	25 ^h 56	21 ^h 53	21 ^h 57	F 30
S 31	3 16 1	17 ^h 34 ^m 57 ^s	22 ^h Ω42	1 ^h 17 ^m	14 ^h Ω21	16 ^h 15	10 ^h 17 ^m	19 ^h Υ34	2 ^h 57 ^m	20 ^h Ω49	3 ^h Ω43	25 ^h Ω34	25 ^h Ω53	22 ^h Ω 0	22 ^h Ω 5	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	6s54	8n38	4n45	4s 6	1n18	16s26	7s31	13n17	1n24	20s33	0n29	5n56	2s49	11s26	0n28	16n27	1s49	22s45	13s40	19n21	19n39	16s40	7s47	0s51			
F 2	7 17	3 14	4 13	4 51	1 13	16 7	7 25	13 5	1 24	20 36	0 29	5 54	2 49	11 28	0 28	16 27	1 49	22 45	13 40	19 19	19 38	16 43	7 50	0 51			
S 3	7 40	2s13	3 29	5 36	1 7	15 47	7 18	12 53	1 24	20 38	0 29	5 52	2 49	11 29	0 28	16 27	1 49	22 45	13 39	19 18	19 37	16 45	7 53	0 50			
S 4	8 2	7 32	2 37	6 20	1 1	15 26	7 10	12 41	1 25	20 40	0 28	5 50	2 49	11 30	0 28	16 26	1 49	22 45	13 39	19 16	19 37	16 48	7 56	0 50			
M 5	8 25	12 33	1 38	7 4	0 55	15 5	7 2	12 28	1 25	20 42	0 28	5 48	2 49	11 31	0 28	16 26	1 49	22 45	13 39	19 16	19 36	16 51	8 0	0 50			
T 6	8 47	17 4	0 35	7 48	0 49	14 42	6 53	12 16	1 26	20 45	0 28	5 47	2 49	11 33	0 28	16 26	1 49	22 45	13 39	19 15	19 35	16 53	8 3	0 50			
W 7	9 9	20 56	0s30	8 31	0 42	14 19	6 42	12 3	1 26	20 47	0 28	5 45	2 49	11 34	0 28	16 25	1 49	22 45	13 38	19 15	19 34	16 56	8 6	0 49			
T 8	9 31	23 57	1 33	9 14	0 36	13 55	6 31	11 51	1 27	20 49	0 28	5 43	2 48	11 35	0 28	16 25	1 49	22 45	13 38	19 15	19 34	16 59	8 9	0 49			
F 9	9 53	25 56	2 33	9 56	0 29	13 31	6 20	11 38	1 27	20 51	0 28	5 41	2 48	11 37	0 28	16 24	1 49	22 45	13 38	19 16	19 33	17 1	8 12	0 49			
S 10	10 15	26 46	3 27	10 37	0 23	13 6	6 8	11 26	1 28	20 53	0 28	5 40	2 48	11 38	0 28	16 24	1 49	22 45	13 38	19 16	19 32	17 4	8 15	0 48			
S 11	10 37	26 18	4 12	11 18	0 16	12 41	5 55	11 13	1 28	20 56	0 27	5 38	2 48	11 39	0 28	16 24	1 49	22 45	13 38	19 17	19 31	17 6	8 18	0 48			
M12	10 58	24 31	4 47	11 58	0 9	12 17	5 42	11 0	1 29	20 58	0 27	5 36	2 48	11 41	0 28	16 23	1 49	22 45	13 37	19 17	19 31	17 9	8 21	0 48			
T 13	11 20	21 26	5 9	12 38	0 3	11 52	5 28	10 48	1 29	21 0	0 27	5 34	2 48	11 42	0 28	16 23	1 49	22 45	13 37	19 16	19 30	17 12	8 24	0 48			
W14	11 41	17 9	5 15	13 17	0s 4	11 28	5 14	10 35	1 30	21 2	0 27	5 33	2 48	11 43	0 28	16 22	1 49	22 45	13 37	19 16	19 29	17 14	8 27	0 47			
T 15	12 2	11 50	5 3	13 55	0 11	11 4	5 0	10 22	1 30	21 4	0 27	5 31	2 48	11 45	0 28	16 22	1 49	22 45	13 37	19 15	19 28	17 17	8 30	0 47			
F 16	12 22	5 44	4 32	14 33	0 18	10 41	4 45	10 10	1 31	21 7	0 27	5 29	2 48	11 46	0 28	16 21	1 49	22 45	13 36	19 14	19 28	17 20	8 33	0 47			
S 17	12 43	0n51	3 43	15 10	0 24	10 18	4 30	9 57	1 31	21 9	0 27	5 28	2 48	11 47	0 28	16 21	1 49	22 45	13 36	19 14	19 27	17 22	8 36	0 46			
S 18	13 3	7 32	2 37	15 46	0 31	9 56	4 15	9 44	1 32	21 11	0 27	5 26	2 48	11 48	0 28	16 21	1 49	22 45	13 36	19 13	19 26	17 25	8 39	0 46			
M19	13 24	13 53	1 20	16 21	0 37	9 35	4 0	9 31	1 32	21 13	0 26	5 24	2 48	11 50	0 28	16 20	1 49	22 45	13 36	19 13	19 25	17 27	8 42	0 46			
T 20	13 43	19 23	0n 3	16 55	0 44	9 15	3 45	9 18	1 32	21 15	0 26	5 23	2 48	11 51	0 28	16 20	1 49	22 45	13 35	19 13	19 25	17 30	8 45	0 46			
W21	14 3	23 35	1 25	17 29	0 50	8 56	3 30	9 5	1 33	21 17	0 26	5 21	2 48	11 52	0 28	16 19	1 49	22 45	13 35	19 13	19 24	17 33	8 48	0 45			
T 22	14 23	26 6	2 40	18 2	0 57	8 37	3 15	8 52	1 33	21 19	0 26	5 20	2 47	11 54	0 28	16 19	1 49	22 45	13 35	19 13	19 23	17 35	8 51	0 45			
F 23	14 42	26 48	3 43	18 33	1 3	8 20	3 0	8 40	1 34	21 22	0 26	5 18	2 47	11 55	0 28	16 18	1 49	22 45	13 35	19 13	19 23	17 38	8 54	0 45			
S 24	15 1	25 45	4 31	19 4	1 9	8 4	2 46	8 27	1 34	21 24	0 26	5 17	2 47	11 56	0 28	16 18	1 49	22 45	13 34	19 13	19 22	17 40	8 57	0 44			
S 25	15 20	23 13	5 2	19 34	1 15	7 49	2 31	8 14	1 35	21 26	0 26	5 15	2 47	11 57	0 28	16 17	1 49	22 45	13 34	19 14	19 21	17 43	9 0	0 44			
M26	15 38	19 31	5 16	20 3	1 21	7 36	2 17	8 1	1 35	21 28	0 26	5 14	2 47	11 59	0 28	16 17	1 49	22 45	13 34	19 14	19 20	17 46	9 2	0 44			
T 27	15 57	15 0	5 14	20 31	1 26	7 23	2 3	7 48	1 36	21 30	0 25	5 12	2 47	12 0	0 28	16 17	1 49	22 44	13 33	19 13	19 20	17 48	9 5	0 44			
W28	16 15	9 57	4 57	20 58	1 32	7 12	1 49	7 35	1 36	21 32	0 25	5 11	2 47	12 1	0 28	16 16	1 49	22 44	13 33	19 13	19 19	17 51	9 8	0 43			
T 29	16 32	4 37	4 26	21 25	1 37	7 1	1 36	7 22	1 37	21 34	0 25	5 9	2 47	12 3	0 28	16 16	1 49	22 44	13 33	19 13	19 18	17 53	9 11	0 43			
F 30	16 50	0s49	3 44	21 50	1 43	6 52	1 23	7 9	1 37	21 36	0 25	5 8	2 46	12 4	0 28	16 15	1 49	22 44	13 33	19 12	19 17	17 56	9 14	0 43			
S 31	17s 7	6s11	2n53	22s13	1s48	6s45	1s10	6n56	1n38	21s38	0n25	5n 7	2s46	12s 5	0n28	16n15	1s49	22s44	13s32	19n12	19n17	17s59	9s17	0s43			

ASTRODIENST EPHEMERIS for the year 1556
geocentric

DECEMBER 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	5 18 14	19♌1'25	6♌54	4♌R27	3♌ 3	3♌17	17♌15	18♌R13	4♌41	19♌R59	3♌49	25♌R35	24♌15	25♌M26	25♌56	T 1
W 2	5 22 11	20° 2'33	18°47	4♌ 3	3°57	3°48	17°28	18♌Y12	4°44	19♌57	3°50	25♌R33	24°12	25°33	26° 3	W 2
T 3	5 26 7	21° 3'41	0♌46	3°28	4°51	4°19	17°42	18°11	4°47	19°56	3°50	25°30	24° 8	25°39	26° 9	T 3
F 4	5 30 4	22° 4'50	12°54	2°41	5°46	4°50	17°56	18°10	4°50	19°54	3°51	25°25	24° 5	25°46	26°16	F 4
S 5	5 34 0	23° 5'59	25°11	1°43	6°42	5°21	18° 9	18° 9	4°53	19°53	3°52	25°20	24° 2	25°53	26°22	S 5
S 6	5 37 57	24° 7'09	7♌39	0°36	7°38	5°52	18°23	18° 9	4°55	19°52	3°52	25°15	23°59	25°59	26°28	S 6
M 7	5 41 54	25° 8'19	20°20	29♌22	8°34	6°23	18°37	18° 8	4°58	19°50	3°53	25°11	23°56	26° 6	26°34	M 7
T 8	5 45 50	26° 9'29	3♌15	28° 2	9°32	6°53	18°50	18° 8	5° 1	19°49	3°54	25° 7	23°52	26°13	26°40	T 8
W 9	5 49 47	27°10'39	16°27	26°40	10°29	7°23	19° 4	18° 8	5° 3	19°48	3°55	25° 5	23°49	26°19	26°46	W 9
T 10	5 53 43	28°11'49	29°57	25°18	11°28	7°53	19°18	18° 8	5° 6	19°46	3°55	25°D 5	23°46	26°26	26°52	T 10
F 11	5 57 40	29°12'59	13♌46	23°59	12°26	8°23	19°31	18°D 8	5° 9	19°45	3°56	25° 6	23°43	26°33	26°57	F 11
S 12	6 1 36	0♌14'08	27°57	22°45	13°26	8°53	19°45	18° 8	5°11	19°44	3°57	25° 7	23°40	26°39	27° 3	S 12
S 13	6 5 33	1°15'18	12♌26	21°39	14°25	9°23	19°58	18° 8	5°14	19°43	3°58	25° 8	23°37	26°46	27° 9	S 13
M14	6 9 29	2°16'28	27°12	20°41	15°25	9°53	20°12	18° 8	5°16	19°42	3°59	25°R 9	23°33	26°53	27°14	M14
T 15	6 13 26	3°17'38	12♌ 8	19°53	16°26	10°22	20°26	18° 8	5°19	19°41	4° 0	25° 8	23°30	26°59	27°20	T 15
W16	6 17 23	4°18'48	27° 8	19°16	17°27	10°51	20°39	18° 9	5°21	19°39	4° 1	25° 5	23°27	27° 6	27°25	W16
T 17	6 21 19	5°19'57	12♌ 3	18°49	18°28	11°20	20°53	18°10	5°23	19°38	4° 2	25° 0	23°24	27°12	27°30	T 17
F 18	6 25 16	6°21'07	26°43	18°32	19°30	11°49	21° 6	18°10	5°26	19°37	4° 3	24°53	23°21	27°19	27°35	F 18
S 19	6 29 12	7°22'17	11♌ 3	18°D25	20°32	12°18	21°20	18°11	5°28	19°36	4° 4	24°46	23°18	27°26	27°40	S 19
S 20	6 33 9	8°23'27	24°56	18°27	21°35	12°46	21°33	18°12	5°30	19°35	4° 5	24°39	23°14	27°32	27°45	S 20
M21	6 37 5	9°24'37	8♌22	18°37	22°38	13°15	21°46	18°13	5°32	19°34	4° 6	24°34	23°11	27°39	27°50	M21
T 22	6 41 2	10°25'47	21°20	18°56	23°41	13°43	22° 0	18°14	5°34	19°33	4° 7	24°30	23° 8	27°46	27°55	T 22
W23	6 44 59	11°26'57	3♌54	19°21	24°45	14°11	22°13	18°16	5°36	19°32	4° 8	24°28	23° 5	27°52	27°59	W23
T 24	6 48 55	12°28'07	16° 8	19°53	25°49	14°39	22°26	18°17	5°38	19°31	4° 9	24°D27	23° 2	27°59	28° 4	T 24
F 25	6 52 52	13°29'17	28° 8	20°31	26°53	15° 6	22°40	18°19	5°40	19°31	4°10	24°28	22°58	28° 6	28° 8	F 25
S 26	6 56 48	14°30'27	9♌58	21°14	27°57	15°34	22°53	18°20	5°42	19°30	4°11	24°30	22°55	28°12	28°13	S 26
S 27	7 0 45	15°31'37	21°44	22° 2	29° 2	16° 1	23° 6	18°22	5°44	19°29	4°12	24°R31	22°52	28°19	28°17	S 27
M28	7 4 41	16°32'47	3♌31	22°54	0♌ 7	16°28	23°19	18°24	5°46	19°28	4°13	24°30	22°49	28°26	28°21	M28
T 29	7 8 38	17°33'56	15°23	23°49	1°13	16°55	23°32	18°26	5°48	19°27	4°15	24°28	22°46	28°32	28°25	T 29
W30	7 12 34	18°35'05	27°22	24°48	2°18	17°21	23°46	18°28	5°50	19°27	4°16	24°23	22°43	28°39	28°29	W30
T 31	7 16 31	19♌36'14	9♌32	25♌50	3♌24	17♌48	23♌59	18♌Y30	5♌51	19♌26	4♌17	24♌15	22♌39	28♌46	28♌33	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	23s 3	22s32 1s 2	23s39 0s14	9s55 2n49	0n25 1n53	22s31 0n22	4n42 2s39	12s40 0n28	16n 2 1s49	22s33 13s23	19n12 18n53	19s16 10s35	0s34			
W 2	23 7	25 5 2 4	23 22 0n 4	10 10 2 52	0 13 1 53	22 33 0 22	4 42 2 39	12 41 0 28	16 2 1 49	22 33 13 23	19 12 18 52	19 19 10 37	0 34			
T 3	23 12	26 31 3 2	23 4 0 23	10 25 2 55	0 1 1 54	22 34 0 22	4 42 2 39	12 42 0 28	16 1 1 49	22 32 13 23	19 11 18 51	19 21 10 39	0 34			
F 4	23 16	26 43 3 51	22 45 0 43	10 40 2 58	0s11 1 54	22 35 0 22	4 42 2 38	12 43 0 28	16 1 1 48	22 32 13 23	19 10 18 50	19 24 10 41	0 34			
S 5	23 19	25 35 4 31	22 26 1 3	10 56 3 1	0 23 1 55	22 37 0 22	4 42 2 38	12 44 0 28	16 1 1 48	22 31 13 22	19 9 18 50	19 26 10 43	0 33			
S 6	23 22	23 12 4 58	22 7 1 23	11 12 3 3	0 35 1 55	22 38 0 21	4 42 2 38	12 45 0 28	16 0 1 48	22 31 13 22	19 7 18 49	19 29 10 45	0 33			
M 7	23 25	19 40 5 12	21 47 1 42	11 28 3 5	0 46 1 56	22 39 0 21	4 42 2 37	12 46 0 28	16 0 1 48	22 30 13 22	19 6 18 48	19 31 10 47	0 33			
T 8	23 27	15 9 5 10	21 28 2 1	11 44 3 7	0 58 1 56	22 40 0 21	4 42 2 37	12 47 0 28	16 0 1 48	22 30 13 21	19 6 18 47	19 33 10 49	0 33			
W 9	23 28	9 50 4 52	21 10 2 17	12 1 3 9	1 9 1 57	22 42 0 21	4 43 2 37	12 48 0 28	15 59 1 48	22 29 13 21	19 5 18 46	19 36 10 51	0 32			
T 10	23 29	3 57 4 17	20 53 2 32	12 17 3 11	1 21 1 57	22 43 0 21	4 43 2 37	12 49 0 28	15 59 1 48	22 28 13 21	19 5 18 46	19 38 10 53	0 32			
F 11	23 30	2n16 3 27	20 38 2 44	12 34 3 12	1 32 1 58	22 44 0 21	4 43 2 36	12 50 0 28	15 59 1 48	22 28 13 21	19 5 18 45	19 41 10 54	0 32			
S 12	23 30	8 32 2 23	20 24 2 54	12 50 3 13	1 43 1 58	22 45 0 21	4 43 2 36	12 50 0 28	15 59 1 48	22 27 13 20	19 5 18 44	19 43 10 56	0 31			
S 13	23 30	14 31 1 9	20 13 3 2	13 7 3 14	1 55 1 59	22 46 0 21	4 44 2 36	12 51 0 28	15 58 1 48	22 27 13 20	19 6 18 43	19 45 10 58	0 31			
M14	23 29	19 46 0n11	20 4 3 7	13 23 3 15	2 6 1 59	22 47 0 21	4 44 2 35	12 52 0 28	15 58 1 48	22 26 13 20	19 6 18 42	19 48 11 0	0 31			
T 15	23 27	23 49 1 31	19 58 3 9	13 40 3 16	2 17 2 0	22 48 0 21	4 44 2 35	12 53 0 28	15 58 1 48	22 26 13 20	19 6 18 42	19 50 11 1	0 31			
W16	23 26	26 13 2 45	19 54 3 10	13 57 3 16	2 28 2 0	22 49 0 21	4 45 2 35	12 54 0 28	15 58 1 48	22 25 13 19	19 5 18 41	19 53 11 3	0 30			
T 17	23 23	26 43 3 47	19 53 3 9	14 13 3 16	2 39 2 1	22 51 0 21	4 45 2 35	12 54 0 28	15 57 1 48	22 24 13 19	19 4 18 40	19 55 11 5	0 30			
F 18	23 21	25 20 4 33	19 55 3 6	14 30 3 17	2 50 2 1	22 51 0 20	4 46 2 34	12 55 0 28	15 57 1 48	22 24 13 19	19 2 18 39	19 57 11 6	0 30			
S 19	23 18	22 19 5 1	19 58 3 2	14 46 3 17	3 0 2 2	22 52 0 20	4 47 2 34	12 56 0 28	15 57 1 48	22 23 13 19	19 0 18 39	20 0 11 8	0 30			
S 20	23 14	18 6 5 9	20 4 2 57	15 2 3 16	3 11 2 2	22 53 0 20	4 47 2 34	12 57 0 28	15 57 1 48	22 23 13 18	18 59 18 38	20 2 11 9	0 29			
M21	23 10	13 6 5 1	20 11 2 50	15 19 3 16	3 32 2 3	22 54 0 20	4 48 2 33	12 57 0 28	15 56 1 48	22 22 13 18	18 57 18 37	20 5 11 11	0 29			
T 22	23 5	7 41 4 36	20 19 2 43	15 35 3 16	3 32 2 3	22 55 0 20	4 49 2 33	12 58 0 28	15 56 1 48	22 22 13 18	18 56 18 36	20 7 11 12	0 29			
W23	23 0	2 6 3 59	20 29 2 36	15 51 3 15	3 42 2 4	22 56 0 20	4 49 2 33	12 59 0 28	15 56 1 48	22 21 13 18	18 56 18 35	20 9 11 14	0 29			
T 24	22 55	3s24 3 12	20 40 2 28	16 7 3 14	3 53 2 4	22 57 0 20	4 50 2 33	12 59 0 28	15 56 1 48	22 20 13 18	18 56 18 35	20 12 11 15	0 28			
F 25	22 49	8 42 2 18	20 51 2 19	16 22 3 13	4 3 2 5	22 58 0 20	4 51 2 32	13 0 0 28	15 56 1 48	22 20 13 17	18 56 18 34	20 14 11 16	0 28			
S 26	22 42	13 37 1 18	21 3 2 10	16 38 3 12	4 13 2 5	22 59 0 20	4 52 2 32	13 1 0 28	15 55 1 47	22 19 13 17	18 56 18 33	20 16 11 18	0 28			
S 27	22 36	18 0 0 15	21 15 2 1 16	53 3 11 4	23 2 6	22 59 0 20	4 53 2 32	13 1 0 28	15 55 1 47	22 18 13 17	18 57 18 32	20 19 11 19	0 27			
M28	22 28	21 42 0s48	21 27 1 52	17 8 3 10 4	33 2 6	23 0 0 20	4 54 2 31	13 2 0 28	15 55 1 47	22 18 13 17	18 57 18 31	20 21 11 20	0 27			
T 29	22 20	24 31 1 50	21 39 1 42	17 22 3 9 4	43 2 7	23 1 0 20	4 55 2 31	13 2 0 29	15 55 1 47	22 17 13 17	18 56 18 30	20 23 11 21	0 27			
W30	22 12	26 15 2 47	21 51 1 33	17 37 3 7 4	52 2 7	23 1 0 20	4 56 2 31	13 3 0 29	15 55 1 47	22 17 13 16	18 55 18 30	20 26 11 23	0 27			
T 31	22s 4	26s46 3s37	22s 3 1n23	17s51 3n 5	5s 2 2n 8	23s 2 0n20	4n57 2s31	13s 3 0n29	15n55 1s47	22s16 13s16	18n53 18n29	20s28 11s24	0s26			

Julian Day Number = 2289721.5, Delta T = 165.06 sec
Ecliptic obliquity = 23°29'54", Nutation = - 0°00'14", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°33'27", Lahiri = 17°40'27" Julian Calendar 1 Dec. 1556 == Greg. Calendar 11 Dec. 1556