



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 D5EPH

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°47	15°46	28°36	5°52	1°20	17°R10	3°H 2	13°R14	11°II59	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°R 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°1'33	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°44	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°24	8°16	1°38	17° 8	3°45	10°II57	10°II24	21°43	11°43	F 31

Delta T = 166.99 sec

Julian Calendar 1 Jan. 1556 == Greg. Calendar 11 Jan. 1556

FEBRUARY 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 19 41	21°18'08	21°32	29°21	1°40	10°H 9	3°211	8°Y22	1°R37	17°R 8	3°H47	10°R51	10°II21	21°41	11°R41	S 1
S 2	9 23 38	22°18'40	3°21	0°47	2°55	10°56	3°18	8°28	1°37	17° 9	3°49	10°II46	10°17	21°48	11°40	S 2
M 3	9 27 34	23°19'10	15°11	2°13	4°10	11°43	3°25	8°34	1°37	17° 9	3°50	10°45	10°14	21°55	11°38	M 3
T 4	9 31 31	24°19'40	27° 7	3°41	5°25	12°30	3°31	8°40	1°36	17°10	3°52	10°D44	10°11	22° 1	11°36	T 4
W 5	9 35 28	25°20'08	9°15	5° 9	6°40	13°17	3°38	8°46	1°36	17°10	3°54	10°R45	10° 8	22° 8	11°33	W 5
T 6	9 39 24	26°20'35	21°40	6°39	7°55	14° 4	3°44	8°53	1°35	17°11	3°55	10°44	10° 5	22°15	11°31	T 6
F 7	9 43 21	27°21'00	4°36	8°10	9° 9	14°50	3°50	8°59	1°35	17°12	3°57	10°42	10° 2	22°21	11°29	F 7
S 8	9 47 17	28°21'24	17°38	9°42	10°24	15°37	3°56	9° 5	1°34	17°12	3°58	10°37	9°58	22°28	11°26	S 8
S 9	9 51 14	29°21'47	1°16	11°14	11°39	16°24	4° 2	9°12	1°33	17°13	4° 0	10°30	9°55	22°35	11°24	S 9
M10	9 55 10	0°22'08	15°21	12°48	12°54	17°11	4° 8	9°18	1°33	17°14	4° 2	10°20	9°52	22°41	11°21	M10
T 11	9 59 7	1°22'27	29°49	14°23	14° 9	17°57	4°13	9°25	1°32	17°15	4° 3	10° 8	9°49	22°48	11°18	T 11
W12	10 3 4	2°22'44	14°32	15°59	15°24	18°44	4°18	9°31	1°31	17°15	4° 5	9°56	9°46	22°55	11°15	W12
T 13	10 7 0	3°23'00	29°23	17°36	16°39	19°31	4°24	9°38	1°30	17°16	4° 7	9°45	9°42	23° 2	11°12	T 13
F 14	10 10 57	4°23'14	14°Y13	19°14	17°53	20°17	4°28	9°45	1°29	17°17	4° 8	9°36	9°39	23° 8	11° 9	F 14
S 15	10 14 53	5°23'25	28°54	20°52	19° 8	21° 4	4°33	9°51	1°28	17°18	4°10	9°30	9°36	23°15	11° 6	S 15
S 16	10 18 50	6°23'35	13°20	22°32	20°23	21°51	4°38	9°58	1°27	17°19	4°11	9°27	9°33	23°22	11° 3	S 16
M17	10 22 46	7°23'42	27°29	24°13	21°37	22°37	4°42	10° 5	1°26	17°20	4°13	9°25	9°30	23°28	10°59	M17
T 18	10 26 43	8°23'47	11°II20	25°55	22°52	23°24	4°47	10°12	1°25	17°21	4°15	9°25	9°27	23°35	10°56	T 18
W19	10 30 39	9°23'50	24°54	27°39	24° 7	24°10	4°51	10°19	1°24	17°22	4°16	9°25	9°23	23°42	10°52	W19
T 20	10 34 36	10°23'51	8°12	29°23	25°21	24°56	4°55	10°26	1°22	17°23	4°18	9°23	9°20	23°48	10°49	T 20
F 21	10 38 32	11°23'50	21°17	1°H 8	26°36	25°43	4°59	10°32	1°21	17°24	4°20	9°19	9°17	23°55	10°45	F 21
S 22	10 42 29	12°23'46	4°9	2°55	27°50	26°29	5° 2	10°39	1°20	17°26	4°21	9°11	9°14	24° 2	10°41	S 22
S 23	10 46 26	13°23'41	16°51	4°42	29° 5	27°15	5° 6	10°47	1°18	17°27	4°23	9° 1	9°11	24° 8	10°38	S 23
M24	10 50 22	14°23'33	29°22	6°31	0°Y19	28° 2	5° 9	10°54	1°17	17°28	4°24	8°48	9° 7	24°15	10°34	M24
T 25	10 54 19	15°23'23	11°44	8°21	1°34	28°48	5°12	11° 1	1°15	17°29	4°26	8°34	9° 4	24°22	10°30	T 25
W26	10 58 15	16°23'12	23°56	10°12	2°48	29°34	5°15	11° 8	1°14	17°30	4°28	8°20	9° 1	24°28	10°26	W26
T 27	11 2 12	17°22'58	6°0	12° 4	4° 3	0°Y20	5°18	11°15	1°12	17°32	4°29	8° 7	8°58	24°35	10°22	T 27
F 28	11 6 8	18°22'42	17°56	13°58	5°17	1° 6	5°20	11°22	1°11	17°33	4°31	7°56	8°55	24°42	10°17	F 28
S 29	11 10 5	19°22'25	29°47	15°52	6°Y31	1°Y52	5°23	11°Y29	1°11	17°34	4°H32	7°II48	8°II52	24°48	10°13	S 29

Delta T = 166.81 sec

Julian Calendar

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 19'	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 39'	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 0'	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

Delta T = 166.64 sec

Julian Calendar 1 March 1556 == Greg. Calendar 11 March 1556

APRIL 1556 JC

00:00 UT

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

ASTRODIENST EPHEMERIS for the year 1556
geocentric

MAY 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	15 14 31	20♈ 0'54	0♊43	3°R 0	22♈ 5	17♈57	2°R 9	19♈10	28°R45	19♈35	5♈46	4♈41	5♈35	1♈42	5°R55	F 1
S 2	15 18 28	20°58'39	13°47	2°D58	23°17	18°40	2♈ 2	19°17	28♈43	19°38	5°47	4°41	5°31	1°49	5♈52	S 2
S 3	15 22 24	21°56'23	27°14	3♈ 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♈ 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♈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♈50	4°23	0♈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♈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
M11	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	M11
T 12	15 57 53	0♈35'10	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
W13	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	W13
T 14	16 5 47	2°30'14	6♈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♈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
M18	16 21 33	6°20'06	26°40	12°10	12°14	0♈ 1	0° 0	21° 1	28°10	20°13	5°53	4°38	4°41	3°36	5°28	M18
T 19	16 25 29	7°17'31	8♈38	13°16	13°25	0°43	29♈53	21° 7	28° 8	20°15	5°54	4°38	4°37	3°42	5°27	T 19
W20	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	W20
T 21	16 33 22	9°12'17	2♈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	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
M25	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	M25
T 26	16 53 5	13°58'56	2♈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
W27	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	W27
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♈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♈45'20	7♈26	0♈23	27♈23	9♈ 4	28♈26	22°Y16	27°D50	20♈41	5♈54	4♈32	3♈59	5♈ 2	5°D29	S 31

Delta T = 166.29 sec

Julian Calendar 1 May 1556 == Greg. Calendar 11 May 1556

JUNE 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	17 16 45	19♈42'35	21♈13	2♈ 7	28♈33	9♈46	28°R20	22°Y21	27°R48	20♈43	5°R54	4°D32	3♈56	5♈ 9	5°D30	M 1
T 2	17 20 41	20°39'50	5°Y17	3°54	29°42	10°27	28♈13	22°26	27°D47	20°45	5♈54	4♈33	3°53	5°16	5°31	T 2
W 3	17 24 38	21°37'05	19°37	5°44	0♈51	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	4♈ 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	3♈36	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	2♈50	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	1♈ 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	0♈12'11	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	10♈27	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	5♈ 0	0♈25	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	10♈38	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	4♈28	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	11♈34	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	7♈30	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	4♈22	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	1°Y58	29°30	0♈ 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	17°21'30	16°Y 0	1♈23	1♈10	29♈28	26♈ 2	24°Y20	27°D33	21♈34	5♈41	3°D45	2♈24	8♈22	6°D43	T 30

Delta T = 166.11 sec

Julian Calendar

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°8'8	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°M58	24°25	27°33	21°36	5°K40	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°23'33	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°14'44	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°45'2	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°43'48	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°M49	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°2'31	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°10'10	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°21	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°K37	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°Y49	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°45	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°8 9	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°1'22	9°II19	14°13	2°45	19°51	26°M14	25°Y 0	28°4 4	22°8 5	5°K10	1°II40	0°II45	11°M49	9°430	F 31

Delta T = 165.94 sec

Julian Calendar 1 July 1556 == Greg. Calendar 11 July 1556

AUGUST 1556 JC

00:00 UT

Day	Sid.t	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	21 17 15	17°59'04	23°II18	14°M47	3°45	20°23'30	26°M17	24°R59	28°4 6	22°8 5	5°R 9	1°R38	0°II42	11°M55	9°437	S 1
S 2	21 21 11	18°56'48	7°21	15°28	4°40	21°8	26°20	24°Y59	28°8	22°6	5°K 8	1°II34	0°39	12°2	9°44	S 2
M 3	21 25 8	19°54'33	20°57	16°5	5°35	21°47	26°24	24°58	28°10	22°6	5°7	1°28	0°36	12°8	9°50	M 3
T 4	21 29 4	20°52'20	4°43'33	16°38	6°29	22°26	26°28	24°58	28°12	22°6	5°5	1°18	0°33	12°15	9°57	T 4
W 5	21 33 1	21°50'09	17°56	17°7	7°23	23°4	26°32	24°57	28°14	22°7	5°4	1°7	0°30	12°22	10°4	W 5
T 6	21 36 57	22°47'59	1°11'5	17°31	8°16	23°43	26°36	24°56	28°16	22°7	5°3	0°54	0°26	12°28	10°11	T 6
F 7	21 40 54	23°45'50	13°57	17°51	9°8	24°21	26°40	24°55	28°18	22°7	5°2	0°42	0°23	12°35	10°18	F 7
S 8	21 44 50	24°43'42	26°33	18°6	10°0	25°0	26°44	24°54	28°20	22°8	5°1	0°30	0°20	12°42	10°25	S 8
S 9	21 48 47	25°41'36	8°45'2	18°15	10°51	25°38	26°49	24°53	28°22	22°8	4°59	0°21	0°17	12°48	10°32	S 9
M10	21 52 44	26°39'32	20°58	18°R19	11°41	26°17	26°54	24°51	28°24	22°8	4°58	0°15	0°14	12°55	10°40	M10
T 11	21 56 40	27°37'28	2°M53	18°17	12°31	26°55	26°59	24°50	28°26	22°8	4°57	0°11	0°11	13°2	10°47	T 11
W12	22 0 37	28°35'26	14°42	18°9	13°20	27°33	27°4	24°48	28°29	22°8	4°56	0°9	0°7	13°8	10°54	W12
T 13	22 4 33	29°33'26	26°30	17°56	14°9	28°12	27°9	24°47	28°31	22°9	4°54	0°8	0°4	13°15	11°2	T 13
F 14	22 8 30	0°11'31'27	8°2'23	17°36	14°56	28°50	27°14	24°45	28°33	22°9	4°53	0°8	0°1	13°22	11°9	F 14
S 15	22 12 26	1°29'29	20°26	17°10	15°43	29°28	27°20	24°43	28°36	22°9	4°52	0°8	29°8'58	13°28	11°17	S 15
S 16	22 16 23	2°27'33	2°34	16°38	16°29	0°45	27°26	24°41	28°38	22°R 9	4°51	0°5	29°55	13°35	11°24	S 16
M17	22 20 19	3°25'38	15°21	16°0	17°14	0°45	27°32	24°39	28°41	22°9	4°49	29°8'59	29°51	13°42	11°32	M17
T 18	22 24 16	4°23'44	28°22	15°16	17°58	1°23	27°38	24°37	28°43	22°9	4°48	29°52	29°48	13°48	11°39	T 18
W19	22 28 13	5°21'52	11°46	14°28	18°42	2°1	27°44	24°35	28°46	22°9	4°47	29°42	29°45	13°55	11°47	W19
T 20	22 32 9	6°20'02	25°34	13°35	19°24	2°39	27°50	24°33	28°48	22°8	4°46	29°31	29°42	14°2	11°55	T 20
F 21	22 36 6	7°18'13	9°K42	12°39	20°5	3°17	27°57	24°30	28°51	22°8	4°44	29°19	29°39	14°8	12°3	F 21
S 22	22 40 2	8°16'27	24°5	11°41	20°46	3°55	28°3	24°28	28°54	22°8	4°43	29°8	29°36	14°15	12°10	S 22
S 23	22 43 59	9°14'41	8°Y37	10°41	21°25	4°32	28°10	24°25	28°56	22°8	4°42	28°59	29°32	14°22	12°18	S 23
M24	22 47 55	10°12'58	23°10	9°41	22°3	5°10	28°17	24°23	28°59	22°8	4°41	28°53	29°29	14°28	12°26	M24
T 25	22 51 52	11°11'17	7°39	8°43	22°40	5°48	28°24	24°20	29°2	22°7	4°39	28°49	29°26	14°35	12°34	T 25
W26	22 55 48	12°9'39	22°1	7°47	23°15	6°26	28°31	24°17	29°5	22°7	4°38	28°48	29°23	14°41	12°42	W26
T 27	22 59 45	13°8'02	6°II11	6°56	23°50	7°4	28°38	24°14	29°8	22°7	4°37	28°48	29°20	14°48	12°50	T 27
F 28	23 3 41	14°6'28	20°10	6°10	24°23	7°41	28°46	24°11	29°11	22°6	4°36	28°48	29°17	14°55	12°58	F 28
S 29	23 7 38	15°4'56	3°25'7	5°30	24°55	8°19	28°53	24°8	29°13	22°6	4°34	28°47	29°13	15°1	13°6	S 29
S 30	23 11 35	16°3'26	17°32	4°58	25°25	8°57	29°1	24°5	29°16	22°5	4°33	28°43	29°10	15°8	13°14	S 30
M31	23 15 31	17°1'58	0°45'6	4°M35	25°45	9°43	29°M14	24°Y 2	29°419	22°8 5	4°K32	28°8'37	29°8 7	15°M15	13°423	M31

Delta T = 165.76 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1556

geocentric

SEPTEMBER 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	23 19 28	18 ^h 0'32"	14 ^h 9'	4°R20	26 ^h 21'	10 ^h 12'	29 ^h 17'	23°R58	29 ^h 22'	22°R 4	4°R31	28°R28	29 ^h 4'	15 ^h 21'	13 ^h 31'	T 1
W 2	23 23 24	18°59'08"	27°10'	4°D15	26°47'	10°49'	29°25'	23°Y55	29°25'	22°R 4	4°R29	28°R17	29° 1'	15°28'	13°39'	W 2
T 3	23 27 21	19°57'47"	9 ^h 59'	4 ^h 19'	27°11'	11°27'	29°33'	23°51'	29°29'	22° 3'	4°28'	28° 5'	28°57'	15°35'	13°47'	T 3
F 4	23 31 17	20°56'27"	22°34'	4°33'	27°34'	12° 4'	29°42'	23°48'	29°32'	22° 3'	4°27'	27°53'	28°54'	15°41'	13°56'	F 4
S 5	23 35 14	21°55'09"	4 ^h 57'	4°57'	27°55'	12°41'	29°50'	23°44'	29°35'	22° 2'	4°26'	27°42'	28°51'	15°48'	14° 4'	S 5
S 6	23 39 10	22°53'53"	17° 7'	5°30'	28°14'	13°19'	29°59'	23°41'	29°38'	22° 1'	4°25'	27°33'	28°48'	15°55'	14°12'	S 6
M 7	23 43 7	23°52'39"	29° 7'	6°12'	28°31'	13°56'	0 ^h 7'	23°37'	29°41'	22° 1'	4°23'	27°27'	28°45'	16° 1'	14°21'	M 7
T 8	23 47 4	24°51'27"	10 ^h 59'	7° 2'	28°46'	14°33'	0°16'	23°33'	29°44'	22° 0'	4°22'	27°23'	28°42'	16° 8'	14°29'	T 8
W 9	23 51 0	25°50'17"	22°46'	8° 0'	28°59'	15°10'	0°25'	23°29'	29°48'	21°59'	4°21'	27°D22	28°38'	16°15'	14°38'	W 9
T 10	23 54 57	26°49'09"	4 ^h 33'	9° 6'	29°10'	15°47'	0°34'	23°25'	29°51'	21°58'	4°20'	27°22'	28°35'	16°21'	14°46'	T 10
F 11	23 58 53	27°48'02"	16°24'	10°17'	29°18'	16°25'	0°43'	23°21'	29°54'	21°58'	4°19'	27°23'	28°32'	16°28'	14°55'	F 11
S 12	0 2 50	28°46'58"	28°25'	11°35'	29°25'	17° 2'	0°53'	23°17'	29°58'	21°57'	4°18'	27°R23	28°29'	16°34'	15° 3'	S 12
S 13	0 6 46	29°45'55"	10 ^h 34'	12°58'	29°30'	17°39'	1° 2'	23°13'	0 ^h 1'	21°56'	4°17'	27°22'	28°26'	16°41'	15°12'	S 13
M14	0 10 43	0 ^h 44'54"	23°18'	14°25'	29°R32	18°16'	1°12'	23° 9'	0° 4'	21°55'	4°15'	27°20'	28°23'	16°48'	15°20'	M14
T 15	0 14 39	1°43'54"	6 ^h 19'	15°57'	29°31'	18°52'	1°21'	23° 4'	0° 8'	21°54'	4°14'	27°15'	28°19'	16°54'	15°29'	T 15
W16	0 18 36	2°42'57"	19°47'	17°31'	29°29'	19°29'	1°31'	23° 0'	0°11'	21°53'	4°13'	27° 9'	28°16'	17° 1'	15°38'	W16
T 17	0 22 33	3°42'01"	3 ^h 42'	19° 8'	29°24'	20° 6'	1°41'	22°56'	0°15'	21°52'	4°12'	27° 0'	28°13'	17° 8'	15°46'	T 17
F 18	0 26 29	4°41'07"	18° 3'	20°48'	29°16'	20°43'	1°51'	22°51'	0°18'	21°51'	4°11'	26°52'	28°10'	17°14'	15°55'	F 18
S 19	0 30 26	5°40'15"	2°Y44	22°29'	29° 7'	21°20'	2° 1'	22°47'	0°22'	21°50'	4°10'	26°44'	28° 7'	17°21'	16° 3'	S 19
S 20	0 34 22	6°39'25"	17°37'	24°12'	28°54'	21°56'	2°11'	22°42'	0°25'	21°49'	4° 9'	26°37'	28° 3'	17°28'	16°12'	S 20
M21	0 38 19	7°38'37"	2 ^h 34'	25°56'	28°40'	22°33'	2°21'	22°38'	0°29'	21°48'	4° 8'	26°33'	28° 0'	17°34'	16°21'	M21
T 22	0 42 15	8°37'51"	17°27'	27°40'	28°23'	23°10'	2°32'	22°33'	0°32'	21°47'	4° 7'	26°31'	27°57'	17°41'	16°30'	T 22
W23	0 46 12	9°37'08"	2 ^h 11'	29°25'	28° 4'	23°46'	2°42'	22°29'	0°36'	21°46'	4° 6'	26°D31	27°54'	17°48'	16°38'	W23
T 24	0 50 8	10°36'27"	16°34'	1 ^h 11'	27°42'	24°23'	2°53'	22°24'	0°39'	21°44'	4° 5'	26°32'	27°51'	17°54'	16°47'	T 24
F 25	0 54 5	11°35'49"	0 ^h 41'	2°56'	27°18'	24°59'	3° 3'	22°19'	0°43'	21°43'	4° 4'	26°33'	27°48'	18° 1'	16°56'	F 25
S 26	0 58 2	12°35'13"	14°28'	4°41'	26°53'	25°36'	3°14'	22°15'	0°46'	21°42'	4° 3'	26°R33	27°44'	18° 8'	17° 4'	S 26
S 27	1 1 58	13°34'39"	27°56'	6°26'	26°25'	26°12'	3°25'	22°10'	0°50'	21°41'	4° 2'	26°32'	27°41'	18°14'	17°13'	S 27
M28	1 5 55	14°33'07"	11 ^h 8'	8°11'	25°56'	26°48'	3°36'	22° 5'	0°54'	21°40'	4° 1'	26°29'	27°38'	18°21'	17°22'	M28
T 29	1 9 51	15°33'38"	24° 4'	9°56'	25°25'	27°25'	3°47'	22° 0'	0°57'	21°38'	4° 0'	26°24'	27°35'	18°27'	17°31'	T 29
W30	1 13 48	16°33'11"	6 ^h 46'	11 ^h 40'	24°52'	28° 1'	3°58'	21°Y56	1 ^h 1'	21°R37	4°R 0	26°R18	27°R32	18°M34	17°R39	W30

Delta T = 165.58 sec

Julian Calendar 1 Sept. 1556 == Greg. Calendar 11 Sept. 1556

OCTOBER 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	1 17 44	17 ^h 32'47"	19 ^h 16'	13 ^h 24'	24°R19	28 ^h 137'	4 ^h 9'	21°R51	1 ^h 5'	21°R36	3°R59	26°R11	27 ^h 28'	18 ^h 41'	17 ^h 48'	T 1
F 2	1 21 41	18°32'24"	1 ^h 35'	15° 7'	23°44'	29°13'	4°20'	21°Y46	1° 8'	21°R34	3°R58	26°R 4	27°25'	18°47'	17°57'	F 2
S 3	1 25 37	19°32'03"	13°44'	16°49'	23° 9'	29°49'	4°32'	21°41'	1°12'	21°33'	3°57'	25°58'	27°22'	18°54'	18° 6'	S 3
S 4	1 29 34	20°31'45"	25°44'	18°31'	22°33'	0 ^h 25'	4°43'	21°36'	1°16'	21°31'	3°56'	25°52'	27°19'	19° 1'	18°14'	S 4
M 5	1 33 31	21°31'29"	7 ^h 37'	20°13'	21°56'	1° 1'	4°55'	21°32'	1°19'	21°30'	3°56'	25°49'	27°16'	19° 7'	18°23'	M 5
T 6	1 37 27	22°31'14"	19°26'	21°53'	21°19'	1°37'	5° 6'	21°27'	1°23'	21°29'	3°55'	25°47'	27°13'	19°14'	18°32'	T 6
W 7	1 41 24	23°31'02"	1 ^h 12'	23°34'	20°43'	2°13'	5°18'	21°22'	1°27'	21°27'	3°54'	25°D47	27° 9'	19°21'	18°41'	W 7
T 8	1 45 20	24°30'51"	12°58'	25°13'	20° 7'	2°49'	5°30'	21°17'	1°31'	21°26'	3°53'	25°48'	27° 6'	19°27'	18°49'	T 8
F 9	1 49 17	25°30'42"	24°50'	26°52'	19°32'	3°24'	5°42'	21°12'	1°34'	21°24'	3°53'	25°50'	27° 3'	19°34'	18°58'	F 9
S 10	1 53 13	26°30'35"	6 ^h 50'	28°31'	18°57'	4° 0'	5°53'	21° 8'	1°38'	21°23'	3°52'	25°52'	27° 0'	19°41'	19° 7'	S 10
S 11	1 57 10	27°30'30"	19° 4'	0 ^h 9'	18°23'	4°36'	6° 5'	21° 3'	1°42'	21°21'	3°51'	25°53'	26°57'	19°47'	19°15'	S 11
M12	2 1 6	28°30'26"	1 ^h 37'	1°46'	17°51'	5°11'	6°17'	20°58'	1°46'	21°20'	3°51'	25°R53	26°54'	19°54'	19°24'	M12
T 13	2 5 3	29°30'24"	14°32'	3°23'	17°20'	5°47'	6°29'	20°53'	1°49'	21°18'	3°50'	25°52'	26°50'	20° 1'	19°33'	T 13
W14	2 9 0	0 ^h 30'24"	27°54'	5° 0'	16°51'	6°22'	6°42'	20°49'	1°53'	21°17'	3°49'	25°50'	26°47'	20° 7'	19°41'	W14
T 15	2 12 56	1°30'25"	11 ^h 44'	6°36'	16°24'	6°58'	6°54'	20°44'	1°57'	21°15'	3°49'	25°47'	26°44'	20°14'	19°50'	T 15
F 16	2 16 53	2°30'28"	26° 2'	8°11'	15°58'	7°33'	7° 6'	20°39'	2° 1'	21°13'	3°48'	25°44'	26°41'	20°20'	19°59'	F 16
S 17	2 20 49	3°30'32"	10°Y45	9°46'	15°35'	8° 8'	7°18'	20°35'	2° 4'	21°12'	3°48'	25°41'	26°38'	20°27'	20° 7'	S 17
S 18	2 24 46	4°30'38"	25°46'	11°21'	15°14'	8°43'	7°31'	20°30'	2° 8'	21°10'	3°47'	25°38'	26°34'	20°34'	20°16'	S 18
M19	2 28 42	5°30'46"	10 ^h 57'	12°55'	14°55'	9°19'	7°43'	20°25'	2°12'	21° 9'	3°47'	25°37'	26°31'	20°40'	20°24'	M19
T 20	2 32 39	6°30'56"	26° 9'	14°29'	14°39'	9°54'	7°56'	20°21'	2°16'	21° 7'	3°46'	25°D36	26°28'	20°47'	20°33'	T 20
W21	2 36 35	7°31'08"	11 ^h 11'	16° 2'	14°25'	10°29'	8° 8'	20°16'	2°19'	21° 5'	3°46'	25°37'	26°25'	20°54'	20°41'	W21
T 22	2 40 32	8°31'22"	25°56'	17°35'	14°14'	11° 4'	8°21'	20°12'	2°23'	21° 4'	3°45'	25°38'	26°22'	21° 0'	20°50'	T 22
F 23	2 44 29	9°31'38"	10 ^h 18'	19° 8'	14° 5'	11°39'	8°34'	20° 8'	2°27'	21° 2'	3°45'	25°39'	26°19'	21° 7'	20°58'	F 23
S 24	2 48 25	10°31'56"	24°17'	20°40'	13°58'	12°13'	8°46'	20° 3'	2°31'	21° 0'	3°45'	25°40'	26°15'	21°14'	21° 7'	S 24
S 25	2 52 22	11°32'16"	7 ^h 50'	22°12'	13°54'	12°48'	8°59'	19°59'	2°34'	20°59'	3°44'	25°R41	26°12'	21°20'	21°15'	S 25
M26	2 56 18	12°32'38"	21° 0'	23°44'	13°D53	13°23'	9°12'	19°55'	2°38'	20°57'	3°44'	25°41'	26° 9'	21°27'	21°24'	M26
T 27	3 0 15	13°33'02"	3 ^h 49'	25°15'	13°54'	13°58'	9°25'	19°50'	2°42'	20°55'	3°44'	25°40'	26° 6'	21°34'	21°32'	T 27
W28	3 4 11	14°33'28"	16°20'	26°46'	13°57'	14°32'	9°38'	19°46'	2°46'	20°54'	3°43'	25°39'	26° 3'	21°40'	21°40'	W28
T 29	3 8 8	15°33'56"	28°38'	28°17'	14° 3'	15° 7'	9°51'	19°42'	2°49'	20°52'	3°43'	25°37'	26° 0'	21°47'	21°49'	T 29
F 30	3 12 4	16°34'25"	10 ^h 44'	29°47'	14°11'	15°41'	10° 4'	19°38'	2°53'	20°50'	3°43'	25°36'	25°56'	21°53'	21°57'	F 30
S 31	3 16 1	17 ^h 34'57"	22 ^h 42'	1 ^h 17'	14 ^h 21'	16 ^h 15'	10 ^h 17'	19°Y34	2 ^h 57'	20°R49	3°R43	25°R34	25°R53	22 ^h 0'	22 ^h 5'	S 31

Delta T = 165.41 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1556

geocentric

NOVEMBER 1556 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 19 57	18 ^m 35'30	4 ^m 33	2 ^h 47	14 ^h 34	16 ^h 50	10 ^h 30	19 ^h 30	3 ^m 0	20 ^h 47	3 ^h 43	25 ^h 34	25 ^h 50	22 ^m 7	22 ^h 13	S 1
M 2	3 23 54	19 ^h 36'04	16 ^h 22	4 ^h 16	14 ^h 48	17 ^h 24	10 ^h 43	19 ^h 27	3 ^h 4	20 ^h 45	3 ^h 42	25 ^h 33	25 ^h 47	22 ^h 13	22 ^h 21	M 2
T 3	3 27 51	20 ^h 36'41	28 ^h 9	5 ^h 45	15 ^h 5	17 ^h 58	10 ^h 56	19 ^h 23	3 ^h 8	20 ^h 44	3 ^h 42	25 ^h D33	25 ^h 44	22 ^h 20	22 ^h 30	T 3
W 4	3 31 47	21 ^h 37'19	9 ^h 57	7 ^h 14	15 ^h 24	18 ^h 32	11 ^h 9	19 ^h 19	3 ^h 11	20 ^h 42	3 ^h 42	25 ^h 33	25 ^h 40	22 ^h 27	22 ^h 38	W 4
T 5	3 35 44	22 ^h 37'58	21 ^h 48	8 ^h 42	15 ^h 44	19 ^h 6	11 ^h 23	19 ^h 15	3 ^h 15	20 ^h 40	3 ^h 42	25 ^h 34	25 ^h 37	22 ^h 33	22 ^h 46	T 5
F 6	3 39 40	23 ^h 38'38	3 ^h 44	10 ^h 9	16 ^h 7	19 ^h 40	11 ^h 36	19 ^h 12	3 ^h 18	20 ^h 39	3 ^h 42	25 ^h 34	25 ^h 34	22 ^h 40	22 ^h 54	F 6
S 7	3 43 37	24 ^h 39'20	15 ^h 49	11 ^h 36	16 ^h 31	20 ^h 14	11 ^h 49	19 ^h 8	3 ^h 22	20 ^h 37	3 ^h D42	25 ^h 34	25 ^h 31	22 ^h 47	23 ^h 2	S 7
S 8	3 47 33	25 ^h 40'03	28 ^h 6	13 ^h 3	16 ^h 57	20 ^h 48	12 ^h 3	19 ^h 5	3 ^h 26	20 ^h 35	3 ^h 42	25 ^h R34	25 ^h 28	22 ^h 53	23 ^h 10	S 8
M 9	3 51 30	26 ^h 40'47	10 ^h 38	14 ^h 28	17 ^h 25	21 ^h 21	12 ^h 16	19 ^h 2	3 ^h 29	20 ^h 33	3 ^h 42	25 ^h 34	25 ^h 25	23 ^h 0	23 ^h 17	M 9
T 10	3 55 27	27 ^h 41'33	23 ^h 29	15 ^h 53	17 ^h 55	21 ^h 55	12 ^h 29	18 ^h 59	3 ^h 33	20 ^h 32	3 ^h 42	25 ^h D34	25 ^h 21	23 ^h 7	23 ^h 25	T 10
W11	3 59 23	28 ^h 42'19	6 ^h 42	17 ^h 17	18 ^h 26	22 ^h 28	12 ^h 43	18 ^h 55	3 ^h 36	20 ^h 30	3 ^h 42	25 ^h 34	25 ^h 18	23 ^h 13	23 ^h 33	W11
T 12	4 3 20	29 ^h 43'06	20 ^h 20	18 ^h 40	18 ^h 58	23 ^h 2	12 ^h 56	18 ^h 52	3 ^h 40	20 ^h 28	3 ^h 42	25 ^h 34	25 ^h 15	23 ^h 20	23 ^h 41	T 12
F 13	4 7 16	0 ^h 43'54	4 ^h 25	20 ^h 2	19 ^h 32	23 ^h 35	13 ^h 10	18 ^h 49	3 ^h 43	20 ^h 27	3 ^h 42	25 ^h 35	25 ^h 12	23 ^h 27	23 ^h 48	F 13
S 14	4 11 13	1 ^h 44'43	18 ^h 54	21 ^h 22	20 ^h 8	24 ^h 8	13 ^h 23	18 ^h 47	3 ^h 46	20 ^h 25	3 ^h 43	25 ^h 35	25 ^h 9	23 ^h 33	23 ^h 56	S 14
S 15	4 15 9	2 ^h 45'33	3 ^h 45	22 ^h 41	20 ^h 44	24 ^h 41	13 ^h 37	18 ^h 44	3 ^h 50	20 ^h 23	3 ^h 43	25 ^h 36	25 ^h 6	23 ^h 40	24 ^h 4	S 15
M16	4 19 6	3 ^h 46'24	18 ^h 51	23 ^h 58	21 ^h 23	25 ^h 14	13 ^h 50	18 ^h 41	3 ^h 53	20 ^h 22	3 ^h 43	25 ^h R36	25 ^h 2	23 ^h 46	24 ^h 11	M16
T 17	4 23 2	4 ^h 47'16	4 ^h 11	25 ^h 13	22 ^h 2	25 ^h 47	14 ^h 4	18 ^h 39	3 ^h 57	20 ^h 20	3 ^h 43	25 ^h 36	24 ^h 59	23 ^h 53	24 ^h 19	T 17
W18	4 26 59	5 ^h 48'09	19 ^h 15	26 ^h 26	22 ^h 43	26 ^h 20	14 ^h 17	18 ^h 36	4 ^h 0	20 ^h 19	3 ^h 43	25 ^h 35	24 ^h 56	24 ^h 0	24 ^h 26	W18
T 19	4 30 56	6 ^h 49'04	4 ^h 13	27 ^h 36	23 ^h 24	26 ^h 53	14 ^h 31	18 ^h 34	4 ^h 3	20 ^h 17	3 ^h 44	25 ^h 34	24 ^h 53	24 ^h 6	24 ^h 33	T 19
F 20	4 34 52	7 ^h 50'00	18 ^h 52	28 ^h 43	24 ^h 7	27 ^h 25	14 ^h 44	18 ^h 31	4 ^h 7	20 ^h 15	3 ^h 44	25 ^h 33	24 ^h 50	24 ^h 13	24 ^h 41	F 20
S 21	4 38 49	8 ^h 50'56	3 ^h 41	29 ^h 46	24 ^h 52	27 ^h 58	14 ^h 58	18 ^h 29	4 ^h 10	20 ^h 14	3 ^h 44	25 ^h 31	24 ^h 46	24 ^h 20	24 ^h 48	S 21
S 22	4 42 45	9 ^h 51'54	16 ^h 49	0 ^h 45	25 ^h 37	28 ^h 30	15 ^h 12	18 ^h 27	4 ^h 13	20 ^h 12	3 ^h 45	25 ^h 30	24 ^h 43	24 ^h 26	24 ^h 55	S 22
M23	4 46 42	10 ^h 52'54	0 ^h 11	1 ^h 39	26 ^h 23	29 ^h 2	15 ^h 25	18 ^h 25	4 ^h 16	20 ^h 11	3 ^h 45	25 ^h 29	24 ^h 40	24 ^h 33	25 ^h 2	M23
T 24	4 50 38	11 ^h 53'54	12 ^h 58	2 ^h 27	27 ^h 10	29 ^h 35	15 ^h 39	18 ^h 23	4 ^h 20	20 ^h 9	3 ^h 46	25 ^h D28	24 ^h 37	24 ^h 40	25 ^h 9	T 24
W25	4 54 35	12 ^h 54'55	25 ^h 28	3 ^h 10	27 ^h 58	0 ^h 41	15 ^h 53	18 ^h 21	4 ^h 23	20 ^h 7	3 ^h 46	25 ^h 29	24 ^h 34	24 ^h 46	25 ^h 16	W25
T 26	4 58 31	13 ^h 55'58	7 ^h 40	3 ^h 45	28 ^h 47	0 ^h 39	16 ^h 6	18 ^h 20	4 ^h 26	20 ^h 6	3 ^h 46	25 ^h 30	24 ^h 31	24 ^h 53	25 ^h 23	T 26
F 27	5 2 28	14 ^h 57'01	19 ^h 40	4 ^h 13	29 ^h 36	1 ^h 11	16 ^h 20	18 ^h 18	4 ^h 29	20 ^h 4	3 ^h 47	25 ^h 32	24 ^h 27	25 ^h 0	25 ^h 30	F 27
S 28	5 6 25	15 ^h 58'06	1 ^h 32	4 ^h 32	0 ^h 11	1 ^h 42	16 ^h 34	18 ^h 17	4 ^h 32	20 ^h 3	3 ^h 47	25 ^h 33	24 ^h 24	25 ^h 6	25 ^h 36	S 28
S 29	5 10 21	16 ^h 59'11	13 ^h 19	4 ^h R41	1 ^h 18	2 ^h 14	16 ^h 47	18 ^h 15	4 ^h 35	20 ^h 1	3 ^h 48	25 ^h 35	24 ^h 21	25 ^h 13	25 ^h 43	S 29
M30	5 14 18	18 ^h 0'18	25 ^h 11	4 ^h 40	2 ^h 11	2 ^h 46	17 ^h 1	18 ^h 14	4 ^h 38	20 ^h 0	3 ^h 49	25 ^h R35	24 ^h 18	25 ^h 19	25 ^h 50	M30

Delta T = 165.23 sec

Julian Calendar 1 Nov. 1556 == Greg. Calendar 11 Nov. 1556

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♌26	25♌56	T 1
W 2	5 22 11	20° 2'33	18°47	4♌ 3	3°57	3°48	17°28	18♌12	4°44	19♌57	3°50	25♌33	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♌30	5♌51	19♌26	4♌17	24♌15	22♌39	28♌46	28♌33	T 31