



# Astrodienst Ephemeris Tables for the year 1567

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 1567

## geocentric

JANUARY 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	7 18 49	20°11'33	4°11	2°52	5°15	8°34	6°21	13°R53	18°48	12°R17	16°20	10°R 6	9°13	15°34	4°25	W 1
T 2	7 22 46	21°12'39	17°24	4°31	6°31	8°50	6°29	13°R52	18°52	12°R16	16°21	10°D 5	9°10	15°47	4°30	T 2
F 3	7 26 42	22°13'44	0°11	6°10	7°46	9°35	6°36	13°50	18°55	12°15	16°22	10°R 5	9° 7	15°54	4°34	F 3
S 4	7 30 39	23°14'50	12°38	7°47	9° 1	10°21	6°43	13°48	18°58	12°14	16°23	10°R 5	9° 4	16° 0	4°39	S 4
S 5	7 34 35	24°15'54	24°50	9°24	10°16	11° 7	6°50	13°45	19° 1	12°12	16°24	10° 4	9° 1	16° 7	4°44	S 5
M 6	7 38 32	25°16'59	6°50	10°59	11°32	11°53	6°56	13°43	19° 4	12°11	16°25	10° 1	8°57	16°14	4°49	M 6
T 7	7 42 28	26°18'03	18°44	12°32	12°47	12°39	7° 3	13°41	19° 7	12°10	16°26	9°55	8°54	16°21	4°53	T 7
W 8	7 46 25	27°19'06	0°35	14° 3	14° 2	13°25	7°10	13°38	19°10	12° 9	16°27	9°46	8°51	16°27	4°58	W 8
T 9	7 50 22	28°20'09	12°25	15°31	15°17	14°11	7°16	13°36	19°13	12° 8	16°28	9°34	8°48	16°34	5° 3	T 9
F 10	7 54 18	29°21'11	24°17	16°56	16°33	14°57	7°22	13°33	19°16	12° 7	16°29	9°20	8°45	16°41	5° 8	F 10
S 11	7 58 15	0°22'12	6°11	18°17	17°48	15°44	7°28	13°30	19°19	12° 6	16°30	9° 5	8°42	16°47	5°13	S 11
S 12	8 2 11	1°23'12	18°10	19°33	19° 3	16°30	7°34	13°27	19°22	12° 5	16°32	8°50	8°38	16°54	5°17	S 12
M 13	8 6 8	2°24'11	0°13	20°44	20°18	17°16	7°39	13°24	19°25	12° 4	16°33	8°37	8°35	17° 1	5°22	M 13
T 14	8 10 4	3°25'09	12°23	21°49	21°34	18° 2	7°45	13°21	19°28	12° 3	16°34	8°26	8°32	17° 8	5°27	T 14
W 15	8 14 1	4°26'06	24°42	22°47	22°49	18°48	7°50	13°18	19°31	12° 2	16°35	8°18	8°29	17°14	5°32	W 15
T 16	8 17 57	5°27'01	7°12	23°37	24° 4	19°35	7°56	13°15	19°34	12° 1	16°36	8°13	8°26	17°21	5°37	T 16
F 17	8 21 54	6°27'55	19°56	24°19	25°19	20°21	8° 1	13°12	19°37	12° 0	16°38	8°10	8°22	17°28	5°42	F 17
S 18	8 25 51	7°28'48	2°59	24°51	26°35	21° 7	8° 5	13° 9	19°39	11°59	16°39	8°10	8°19	17°34	5°46	S 18
S 19	8 29 47	8°29'39	16°22	25°14	27°50	21°54	8°10	13° 5	19°42	11°59	16°40	8°10	8°16	17°41	5°51	S 19
M 20	8 33 44	9°30'29	0°11	25°26	29° 5	22°40	8°15	13° 2	19°45	11°58	16°41	8° 9	8°13	17°48	5°56	M 20
T 21	8 37 40	10°31'17	14°25	25°R27	0°20	23°26	8°19	12°58	19°47	11°57	16°43	8° 6	8°10	17°55	6° 1	T 21
W 22	8 41 37	11°32'04	29° 4	25°17	1°35	24°13	8°23	12°54	19°50	11°56	16°44	8° 1	8° 7	18° 1	6° 6	W 22
T 23	8 45 33	12°32'50	14°23	24°57	2°50	24°59	8°27	12°51	19°53	11°56	16°45	7°52	8° 3	18° 8	6°10	T 23
F 24	8 49 30	13°33'34	29°16	24°26	4° 6	25°46	8°31	12°47	19°55	11°55	16°47	7°42	8° 0	18°15	6°15	F 24
S 25	8 53 26	14°34'16	14°21	23°45	5°21	26°32	8°35	12°43	19°58	11°55	16°48	7°30	7°57	18°21	6°20	S 25
S 26	8 57 23	15°34'57	29°37	22°55	6°36	27°19	8°38	12°39	20° 0	11°54	16°49	7°19	7°54	18°28	6°25	S 26
M 27	9 1 20	16°35'37	14°23	21°58	7°51	28° 5	8°42	12°35	20° 2	11°53	16°51	7° 9	7°51	18°35	6°29	M 27
T 28	9 5 16	17°36'15	28°44	20°55	9° 6	28°52	8°45	12°31	20° 5	11°53	16°52	7° 2	7°48	18°42	6°34	T 28
W 29	9 9 13	18°36'53	12°25	19°48	10°21	29°39	8°48	12°27	20° 7	11°52	16°53	6°57	7°44	18°48	6°39	W 29
T 30	9 13 9	19°37'29	25°56	18°39	11°36	0°25	8°51	12°23	20° 9	11°52	16°55	6°55	7°41	18°55	6°44	T 30
F 31	9 17 6	20°38'04	8°15	17°30	12°51	1°12	8°15	12°18	20°12	11°52	16°56	6°D55	7°13	19°2	6°48	F 31

Delta T = 144.43 sec

Julian Calendar 1 Jan. 1567 == Greg. Calendar 11 Jan. 1567

FEBRUARY 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	9 21 2	21°38'37	21°12	16°R22	14°57	1°59	8°15	12°R14	20°14	11°R51	16°58	6°R55	7°13	19°38	6°53	S 1
S 2	9 24 59	22°39'10	3°33	15°17	15°22	2°45	8°58	12°R10	20°16	11°R51	16°59	6°15	7°32	19°15	6°58	S 2
M 3	9 28 55	23°39'41	15°34	14°17	16°37	3°32	9° 0	12° 6	20°18	11°51	17° 1	6°52	7°28	19°22	7° 2	M 3
T 4	9 32 52	24°40'11	27°26	13°22	17°52	4°19	9° 2	12° 1	20°20	11°50	17° 2	6°47	7°25	19°29	7° 7	T 4
W 5	9 36 49	25°40'39	9°16	12°34	19° 7	5° 5	9° 4	11°57	20°22	11°50	17° 3	6°40	7°22	19°35	7°12	W 5
T 6	9 40 45	26°41'06	21° 6	11°53	20°22	5°52	9° 5	11°52	20°24	11°50	17° 5	6°30	7°19	19°42	7°16	T 6
F 7	9 44 42	27°41'31	3°50	11°19	21°37	6°39	9° 7	11°48	20°26	11°50	17° 6	6°18	7°16	19°49	7°21	F 7
S 8	9 48 38	28°41'55	15° 0	10°52	22°52	7°26	9° 8	11°43	20°28	11°50	17° 8	6° 4	7°13	19°55	7°25	S 8
S 9	9 52 35	29°42'17	27° 6	10°32	24° 7	8°13	9° 9	11°38	20°30	11°49	17° 9	5°51	7° 9	20° 2	7°30	S 9
M 10	9 56 31	0°42'38	9°21	10°20	25°22	8°59	9° 9	11°34	20°32	11°49	17°11	5°40	7° 6	20° 9	7°35	M 10
T 11	10 0 28	1°42'56	21°44	10°D15	26°37	9°46	9°10	11°29	20°33	11°49	17°12	5°30	7° 3	20°16	7°39	T 11
W 12	10 4 24	2°43'13	4°17	10°17	27°52	10°33	9°10	11°24	20°35	11°D49	17°14	5°23	7° 0	20°22	7°43	W 12
T 13	10 8 21	3°43'28	17° 1	10°25	29° 7	11°20	9°11	11°20	20°37	11°49	17°15	5°19	6°57	20°29	7°48	T 13
F 14	10 12 18	4°43'41	29°56	10°39	0°22	12° 7	9°R11	11°15	20°38	11°49	17°17	5°D17	6°53	20°36	7°52	F 14
S 15	10 16 14	5°43'51	13°5	10°58	1°37	12°54	9°10	11°10	20°40	11°49	17°18	5°17	6°50	20°42	7°57	S 15
S 16	10 20 11	6°44'00	26°30	11°23	2°52	13°41	9°10	11° 5	20°41	11°50	17°20	5°18	6°47	20°49	8° 1	S 16
M 17	10 24 7	7°44'07	10°14	11°53	4° 7	14°28	9° 9	11° 1	20°43	11°50	17°21	5°R18	6°44	20°56	8° 5	M 17
T 18	10 28 4	8°44'11	24°16	12°28	5°22	15°14	9° 9	10°56	20°44	11°50	17°23	5°17	6°41	21° 3	8°10	T 18
W 19	10 32 0	9°44'14	8°37	13° 6	6°36	16° 1	9° 8	10°51	20°46	11°50	17°24	5°14	6°38	21° 9	8°14	W 19
T 20	10 35 57	10°44'14	23°15	13°49	7°51	16°48	9° 7	10°46	20°47	11°51	17°26	5° 8	6°34	21°16	8°18	T 20
F 21	10 39 53	11°44'12	8°4	14°35	9° 6	17°35	9° 5	10°42	20°48	11°51	17°28	5° 1	6°31	21°23	8°22	F 21
S 22	10 43 50	12°44'07	22°56	15°25	10°21	18°22	9° 4	10°37	20°50	11°51	17°29	4°53	6°28	21°29	8°27	S 22
S 23	10 47 47	13°44'01	7°45	16°18	11°36	19° 9	9° 2	10°32	20°51	11°52	17°31	4°44	6°25	21°36	8°31	S 23
M 24	10 51 43	14°43'52	22°20	17°14	12°51	19°56	9° 0	10°27	20°52	11°52	17°32	4°37	6°22	21°43	8°35	M 24
T 25	10 55 40	15°43'42	6°35	18°13	14° 5	20°43	8°58	10°23	20°53	11°52	17°34	4°32	6°19	21°50	8°39	T 25
W 26	10 59 36	16°43'30	20°25	19°15	15°20	21°30	8°56	10°18	20°54	11°53	17°35	4°29	6°15	21°56	8°43	W 26
T 27	11 3 33	17°43'16	3°15	20°19	16°35	22°17	8°54	10°13	20°55	11°53	17°37	4°D28	6°12	22° 3	8°47	T 27
F 28	11 7 29	18°43'00	16°18	21°26	17°50	23°54	8°15	10°10	20°56	11°54	17°38	4°12	6°10	22°10	8°51	F 28

Delta T = 144.26 sec

Julian Calendar

# ASTRODIENST EPHEMERIS for the year 1567

## geocentric

MARCH 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	11 11 26	19°42'43	29°11'25	22°34'34	19°41'4	23°35'51	8°R48	10°R 4	20°57'57	11°II55	17°K40	4°M30	6°M 6	22°31'17	8°35'55	S 1
S 2	11 15 22	20°42'24	11°17'42	23°45'20	20°19'24	24°38'8	8°M45	9°M59	20°57'11	11°55'17	17°41'4	4°31'6	3°22°23	8°59'9	S 2	
M 3	11 19 19	21°42'03	23°46'24	24°58'21	21°34'25	25°25'8	8°42'9	9°54'20	20°58'11	11°56'17	17°43'4	4°R32	5°59'22	22°30'9	M 3	
T 4	11 23 15	22°41'40	5°34'26	26°13'22	22°49'26	26°12'8	8°39'9	9°50'20	20°59'11	11°56'17	17°45'4	4°31'5	5°56'22	22°37'9	T 4	
W 5	11 27 12	23°41'16	17°33'27	27°30'24	24°3'26	26°59'8	8°36'9	9°45'20	20°59'11	11°57'17	17°46'4	4°28'5	5°53'22	22°43'9	W 5	
T 6	11 31 9	24°40'50	29°25'28	28°48'25	25°18'27	27°45'8	8°32'9	9°41'21	21°0'11	11°58'17	17°48'4	4°23'5	5°50'22	22°50'9	T 6	
F 7	11 35 5	25°40'22	11°21'0	28°33'26	26°33'28	28°32'8	8°28'9	9°36'21	21°1'11	11°59'17	17°49'4	4°17'5	5°47'22	22°57'9	F 7	
S 8	11 39 2	26°39'52	23°26'1	30'27	27°47'29	29°19'8	8°24'9	9°32'21	21°1'11	11°59'17	17°51'4	4°10'5	5°44'23	23°4'9	S 8	
S 9	11 42 58	27°39'20	5°41'2	25°29'2	0°K 6	8°20'9	8°20'9	9°27'21	21°1'12	12°0'17	17°52'4	4°3'5	5°40'23	23°10'9	S 9	
M10	11 46 55	28°38'46	18°7'4	4°19'0	0°Y16	8°16'9	8°16'9	9°23'21	21°2'12	12°1'17	17°54'3	5°37'5	5°37'23	23°17'9	M10	
T 11	11 50 51	29°38'10	0°Y46	5°46'1	1°31'1	1°40'8	8°11'9	9°19'21	21°2'12	12°2'17	17°55'3	5°32'5	5°34'23	23°24'9	T 11	
W12	11 54 48	0°Y37'32	13°38'7	7°14'2	2°46'8	2°27'8	8°7'9	9°14'21	21°2'12	12°3'17	17°57'3	5°31'4	5°31'23	23°30'9	W12	
T 13	11 58 44	1°36'52	26°42'8	8°43'0	4°0'3	3°14'8	8°2'9	9°10'21	21°3'12	12°4'17	17°58'3	5°28'4	5°28'23	23°37'9	T 13	
F 14	12 2 41	2°36'10	9°59'10	10°15'4	5°15'4	4°1'7	7°57'9	9°6'21	21°3'12	12°5'18	18°0'3	3°D47	5°24'23	23°44'9	F 14	
S 15	12 6 38	3°35'25	23°27'11	11°47'6	6°29'4	4°48'7	7°52'9	9°2'21	21°3'12	12°6'18	18°1'3	3°48'5	5°21'23	23°51'9	S 15	
S 16	12 10 34	4°34'39	7°11'13	13°21'7	7°44'7	5°35'6	7°46'8	8°58'21	21°3'12	12°7'18	18°3'3	3°50'5	5°18'23	23°57'9	S 16	
M17	12 14 31	5°33'50	20°59'14	14°57'8	8°58'6	6°21'7	7°41'8	8°54'21	21°R 3	12°8'18	18°4'3	3°51'5	5°15'24	24°4'9	M17	
T 18	12 18 27	6°32'58	5°16°34	10°12'7	7°8'7	7°36'8	8°50'21	9°58'21	21°3'12	12°9'18	18°6'3	3°R52	5°12'24	24°11'9	T 18	
W19	12 22 24	7°32'05	19°13'18	18°12'7	11°27'7	7°55'7	7°30'8	8°46'21	21°3'12	12°10'18	18°7'3	3°51'5	5°9'24	24°17'9	W19	
T 20	12 26 20	8°31'08	3°13'19	19°52'12	12°41'8	8°42'7	7°24'8	8°42'21	21°3'12	12°12'18	18°9'3	3°50'5	5°5'24	24°24'10	T 20	
F 21	12 30 17	9°30'10	17°57'21	21°33'5	13°56'6	9°29'7	7°18'8	8°38'21	21°3'12	12°13'18	18°10'3	3°47'5	5°2'24	24°31'10	F 21	
S 22	12 34 13	10°29'09	2°11'23	23°16'10	15°10'10	10°16'7	7°12'8	8°34'21	21°2'12	12°14'18	18°12'3	3°44'4	4°59'24	24°38'10	S 22	
S 23	12 38 10	11°28'06	16°41'25	25°0'16	16°24'11	11°2'7	7°6'8	8°31'21	21°2'12	12°15'18	18°13'3	3°40'4	4°56'24	24°44'10	S 23	
M24	12 42 7	12°27'01	0°45'26	17°39'11	11°49'7	7°0'8	8°27'21	9°58'21	21°2'12	12°17'18	18°15'3	3°38'4	4°53'24	24°51'10	M24	
T 25	12 46 3	13°25'53	14°46'28	28°33'12	18°53'12	12°36'6	6°53'8	8°24'21	21°1'12	12°18'18	18°16'3	3°36'4	4°50'24	24°58'10	T 25	
W26	12 50 0	14°24'44	28°22'0	0°Y21	20°7'13	13°22'6	6°47'8	8°20'21	21°1'12	12°19'18	18°17'3	3°D35	4°46'25	25°5'10	W26	
T 27	12 53 56	15°23'33	11°11'39	2°12'21	14°9'6	6°40'8	8°17'21	9°58'21	21°0'12	12°21'18	18°19'3	3°35'4	4°43'25	25°11'10	T 27	
F 28	12 57 53	16°22'19	24°35'4	3°3'22	22°36'14	15°56'6	6°34'8	8°14'21	21°0'12	12°22'18	18°20'3	3°36'4	4°40'25	25°18'10	F 28	
S 29	13 1 49	17°21'05	7°12'5	5°56'23	23°50'15	15°43'6	6°27'8	8°11'21	20°59'12	12°23'18	18°22'3	3°37'4	4°37'25	25°25'10	S 29	
S 30	13 5 46	18°19'48	19°32'7	7°51'25	25°4'25	16°29'6	6°20'8	8°8'21	20°58'12	12°25'18	18°23'3	3°39'4	4°34'25	25°31'10	S 30	
M31	13 9 42	19°18'29	1°33'9	9°Y47	26°Y18	17°K16	6°M13	8°M 5	20°57'58	12°II26	18°K24	3°M40	4°M30	25°38'10	M31	

Delta T = 144.11 sec

Julian Calendar 1 March 1567 == Greg. Calendar 11 March 1567

APRIL 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 13 39	20°17'09	13°36'11	11°45'27	18°41'2	6°R 6	8°R 2	20°R57	12°II28	18°K26	3°M40	4°M27	25°34'45	10°33'34	T 1	
W 2	13 17 36	21°15'47	25°30'13	13°44'28	18°49'5	5°M59	7°M59	20°57'57	12°29'20	18°27'3	3°R40	4°24'4	25°52'10	36'34	W 2	
T 3	13 21 32	22°14'24	7°23'15	15°45'0	19°36'5	5°52'7	7°56'20	20°55'12	12°31'20	18°28'3	3°40'4	4°21'4	25°58'10	38'38	T 3	
F 4	13 25 29	23°12'58	19°22'17	17°47'1	20°22'5	5°44'7	7°53'20	20°54'12	12°33'20	18°30'3	3°39'4	4°18'4	26°5'10	40'40	F 4	
S 5	13 29 25	24°11'31	1°11'19	19°50'2	21°9'5	5°37'7	7°51'20	20°54'12	12°34'20	18°31'3	3°38'4	4°15'4	26°12'10	42'42	S 5	
S 6	13 33 22	25°10'03	13°49'21	21°55'3	21°55'5	5°30'7	7°48'20	20°53'12	12°36'20	18°32'3	3°37'4	4°11'4	26°18'10	45'45	S 6	
M 7	13 37 18	26°8'32	26°24'24	24°0'4	22°41'5	5°22'7	7°46'20	20°52'12	12°37'20	18°34'3	3°36'4	4°8'4	26°25'10	47'47	M 7	
T 8	13 41 15	27°7'00	9°17'26	7°6'11	23°28'5	5°15'7	7°44'20	20°50'12	12°39'20	18°35'3	3°35'4	4°5'4	26°32'10	49'49	T 8	
W 9	13 45 11	28°5'26	22°26'28	15°7°25	24°14'5	5°7'7	7°41'20	20°49'12	12°41'20	18°36'3	3°34'4	4°2'4	26°39'10	50'50	W 9	
T 10	13 49 8	29°3'50	5°53'0	8°23'8	25°1'5	5°0'7	7°39'20	20°48'12	12°42'20	18°37'3	3°D34	3°59'4	26°45'10	52'52	T 10	
F 11	13 53 4	0°8'21	19°35'2	9°53'25	25°47'4	4°52'7	7°37'20	20°47'12	12°44'20	18°39'3	3°34'4	3°56'4	26°52'10	54'54	F 11	
S 12	13 57 1	1°0'33	3°11'30	4°40'11	26°33'4	4°44'7	7°35'20	20°46'12	12°46'20	18°40'3	3°35'4	3°52'4	26°59'10	56'56	S 12	
S 13	14 0 58	1°58'51	17°35'6	6°49'12	27°20'4	4°37'7	7°34'20	20°44'12	12°48'20	18°41'3	3°35'4	3°49'4	27°5'10	57'57	S 13	
M14	14 4 54	2°57'08	1°47'8	8°58'13	28°6'4	4°29'7	7°32'20	20°43'12	12°50'20	18°42'3	3°35'4	3°46'4	27°12'10	59'59	M14	
T 15	14 8 51	3°55'22	16°2'11	11°6'14	28°52'4	4°22'7	7°30'20	20°42'12	12°51'20	18°43'3	3°R35	3°43'4	27°19'11	0'0	T 15	
W16	14 12 47	4°53'34	0°17'13	13°12'16	29°38'4	4°14'7	7°29'20	20°40'12	12°53'20	18°45'3	3°D35	3°40'4	27°26'11	2'2	W16	
T 17	14 16 44	5°51'44	14°30'15	17°17'0	30°24'4	4°6'7	7°27'20	20°39'12	12°55'20	18°46'3	3°35'4	3°36'4	27°32'11	3'3	T 17	
F 18	14 20 40	6°49'53	28°38'17	22°18°30	1°10'3	3°59'7	7°26'20	20°37'12	12°57'20	18°47'3	3°35'4	3°33'4	27°39'11	5'5	F 18	
S 19	14 24 37	7°47'59	12°11'39	19°25'19	1°56'3	3°51'7	7°25'20	20°36'12	12°59'20	18°48'3	3°35'4	3°30'4	27°46'11	6'6	S 19	
S 20	14 28 33	8°46'03	26°31'21	21°25'20	2°42'3	3°43'7	7°24'20	20°34'13	13°1'18	18°49'3	3°36'4	3°27'4	27°53'11	7'7	S 20	
M21	14 32 30	9°44'05	10°12'23	22°12'22	3°28'3	3°36'7	7°23'20	20°33'13	13°3'18	18°50'3	3°36'4	3°24'4	27°59'11	8'8	M21	
T 22	14 36 27	10°42'05	23°40'25	23°25'4	4°14'3	3°28'7	7°22'20	20°31'13	13°5'18	18°51'3	3°37'4	3°21'4	28°6'11	9'9	T 22	
W23	14 40 23	11°40'04	6°11'55	27°11'24	5°0'3	3°21'7	7°21'20	20°29'13	13°7'18	18°52'3	3°R37	3°17'4	28°13'11	10'10	W23	
T 24	14 44 20	12°38'01	19°55'29	1'25°53	5°46'3	3°13'7	7°20'20	20°27'13	13°9'18	18°53'3	3°37'4	3°14'4	28°19'11	11'11	T 24	
F 25	14 48 16	13°35'57	2°39'0	27°6'6	6°32'3	3°6'7	7°20'20	20°26'13	13°11'18	18°54'3	3°36'4	3°11'4	28°26'11	12'12	F 25	
S 26	14 52 13	14°33'51	15°9'2	28°20'7	7°18'3	2°58'7	7°19'20	20°24'13	13°13'18	18°55'3	3°34'4	3°8'4	28°33'11	13'13	S 26	
S 27	14 56 9	15°31'44	27°26'4	29°34'8	8°4'3	2°51'7	7°19'20	20°22'13	13°15'18	18°56'3	3°33'4	3°5'4	28°40'11	13'13	S 27	
M28	15 0 6	16°29'35	9°32'5	30°47'8	9°49'3	2°44'7	7°19'20	20°20'13	13°17'18	18°57'3	3°31'4	3°1'4	28°46'11	14'14	M28	
T 29	15 4 2	17°27'25	21°30'7	2°1'9	9°35'3	2°36'7	7°18'20	20°18'13	13°19'18	18°58'3	3°29'4	2°58'4	28°53'11	15'15	T 29	
W30	15 7 59	18°25'14	3°24'8	10°15'10	10°21'2	2°M29	7°D18	20°16'13	13°21'18	18°59'3	3°M28	2°M55	29°0'11	15'15	W30	

Delta T = 143.94 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1567  
geocentric

MAY 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	15 11 56	19♌23°02	15♋18	10♏17	4♏28	11♏6	2°R22	7♏18	20°R14	13♏23	19♏0	3°D28	2♏52	29♏7	11♏16	T 1
F 2	15 15 52	20°20'48	27°16	11°40	5°42	11°52	2♏15	7°19	20°12	13°25	19°1	3♏28	2°49	29°13	11°16	F 2
S 3	15 19 49	21°18'34	9♏23	12°59	6°55	12°37	2°8	7°19	20°10	13°27	19°2	3°28	2°46	29°20	11°16	S 3
S 4	15 23 45	22°16'18	21°44	14°14	8°9	13°23	2°1	7°19	20°8	13°29	19°2	3°30	2°42	29°27	11°16	S 4
M 5	15 27 42	23°14'01	4♏22	15°25	9°22	14°8	1°55	7°20	20°6	13°31	19°3	3°31	2°39	29°33	11°17	M 5
T 6	15 31 38	24°11'43	17°21	16°33	10°36	14°53	1°48	7°20	20°4	13°33	19°4	3°32	2°36	29°40	11°17	T 6
W 7	15 35 35	25°9'23	0♏43	17°36	11°49	15°39	1°42	7°21	20°2	13°35	19°5	3°R33	2°33	29°47	11°R17	W 7
T 8	15 39 31	26°7'03	14°27	18°36	13°2	16°24	1°35	7°22	20°0	13°38	19°6	3°33	2°30	29°54	11°17	T 8
F 9	15 43 28	27°4'41	28°31	19°32	14°16	17°9	1°29	7°22	19°58	13°40	19°6	3°31	2°27	0♏0	11°17	F 9
S 10	15 47 25	28°2'19	12♏53	20°23	15°29	17°54	1°23	7°23	19°56	13°42	19°7	3°29	2°23	0°7	11°17	S 10
S 11	15 51 21	28°59'55	27°26	21°10	16°43	18°40	1°16	7°24	19°53	13°44	19°8	3°26	2°20	0°14	11°16	S 11
M12	15 55 18	29°57'30	12♏4	21°54	17°56	19°25	1°10	7°26	19°51	13°46	19°8	3°22	2°17	0°20	11°16	M12
T 13	15 59 14	0♏55°03	26°41	22°32	19°9	20°10	1°5	7°27	19°49	13°48	19°9	3°19	2°14	0°27	11°16	T 13
W14	16 3 11	1°52'35	11♏10	23°7	20°23	20°55	0°59	7°28	19°47	13°51	19°10	3°16	2°11	0°34	11°15	W14
T 15	16 7 7	2°50'05	25°27	23°36	21°36	21°40	0°53	7°30	19°44	13°53	19°10	3°15	2°7	0°41	11°15	T 15
F 16	16 11 4	3°47'34	9♏30	24°2	22°49	22°24	0°48	7°31	19°42	13°55	19°11	3°D15	2°4	0°47	11°14	F 16
S 17	16 15 0	4°45'02	23°18	24°23	24°2	23°9	0°42	7°33	19°40	13°57	19°11	3°16	2°1	0°54	11°13	S 17
S 18	16 18 57	5°42'28	6♏51	24°39	25°16	23°54	0°37	7°35	19°37	13°59	19°12	3°17	1°58	1°1	11°13	S 18
M19	16 22 54	6°39'54	20°9	24°50	26°29	24°39	0°32	7°37	19°35	14°2	19°12	3°19	1°55	1°8	11°12	M19
T 20	16 26 50	7°37'18	3♏13	24°57	27°42	25°23	0°27	7°39	19°33	14°4	19°13	3°R19	1°52	1°14	11°11	T 20
W21	16 30 47	8°34'41	16°5	24°R59	28°55	26°8	0°23	7°41	19°30	14°6	19°13	3°18	1°48	1°21	11°10	W21
T 22	16 34 43	9°32'03	28°46	24°57	0♏8	26°52	0°18	7°43	19°28	14°8	19°14	3°16	1°45	1°28	11°9	T 22
F 23	16 38 40	10°29'24	11♏15	24°50	1°21	27°37	0°14	7°45	19°25	14°11	19°14	3°12	1°42	1°34	11°8	F 23
S 24	16 42 36	11°26'44	23°34	24°39	2°34	28°21	0°9	7°47	19°23	14°13	19°15	3°6	1°39	1°41	11°7	S 24
S 25	16 46 33	12°24'04	5♏43	24°24	3°47	29°6	0°5	7°50	19°21	14°15	19°15	2°59	1°36	1°48	11°6	S 25
M26	16 50 29	13°21'23	17°45	24°6	5°0	29°50	0°1	7°53	19°18	14°17	19°15	2°52	1°33	1°55	11°5	M26
T 27	16 54 26	14°18'41	29°41	23°43	6°13	0♏34	29♏57	7°55	19°16	14°20	19°16	2°45	1°29	2°1	11°4	T 27
W28	16 58 23	15°15'59	11♏34	23°18	7°26	1°18	29°54	7°58	19°13	14°22	19°16	2°39	1°26	2°8	11°2	W28
T 29	17 2 19	16°13'16	23°26	22°50	8°39	2°2	29°50	8°1	19°11	14°24	19°16	2°35	1°23	2°15	11°1	T 29
F 30	17 6 16	17°10'33	5♏23	22°19	9°52	2°46	29°47	8°4	19°8	14°26	19°17	2°32	1°20	2°22	10°59	F 30
S 31	17 10 12	18♏7°49	17♏28	21♏47	11♏5	3♏31	29♏44	8♏7	19♏6	14♏29	19♏17	2°D31	1♏17	2♏28	10♏58	S 31

Delta T = 143.78 sec

Julian Calendar 1 May 1567 == Greg. Calendar 11 May 1567

JUNE 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17 14 9	19♏5'05	29♏47	21°R14	12♏18	4♏14	29°R41	8♏10	19°R3	14♏31	19♏17	2♏32	1♏13	2♏35	10°R56	S 1
M 2	17 18 5	20°2'21	12♏23	20♏40	13°31	4°58	29♏38	8°13	19♏1	14°33	19°17	2°33	1°10	2°42	10♏55	M 2
T 3	17 22 2	20°59'37	25°22	20°6	14°44	5°42	29°35	8°16	18°59	14°35	19°17	2°34	1°7	2°48	10°53	T 3
W 4	17 25 58	21°56'52	8♏46	19°32	15°56	6°26	29°33	8°20	18°56	14°37	19°17	2°R34	1°4	2°55	10°51	W 4
T 5	17 29 55	22°54'07	22°38	18°59	17°9	7°10	29°31	8°23	18°54	14°40	19°18	2°33	1°1	3°2	10°49	T 5
F 6	17 33 52	23°51'22	6♏56	18°28	18°22	7°53	29°29	8°27	18°51	14°42	19°18	2°29	0°58	3°9	10°48	F 6
S 7	17 37 48	24°48'37	21°36	18°0	19°35	8°37	29°27	8°30	18°49	14°44	19°18	2°23	0°54	3°15	10°46	S 7
S 8	17 41 45	25°45'51	6♏32	17°34	20°48	9°20	29°25	8°34	18°46	14°46	19°18	2°16	0°51	3°22	10°44	S 8
M 9	17 45 41	26°43'05	21°34	17°11	22°0	10°4	29°23	8°38	18°44	14°49	19°18	2°7	0°48	3°29	10°42	M 9
T 10	17 49 38	27°40'19	6♏34	16°51	23°13	10°47	29°22	8°42	18°41	14°51	19°R18	2°0	0°45	3°35	10°40	T 10
W11	17 53 34	28°37'32	21°22	16°36	24°26	11°30	29°21	8°46	18°39	14°53	19°18	1°53	0°42	3°42	10°38	W11
T 12	17 57 31	29°34'44	5♏51	16°24	25°38	12°14	29°20	8°50	18°37	14°55	19°18	1°49	0°39	3°49	10°35	T 12
F 13	18 1 27	0♏31'56	20°0	16°17	26°51	12°57	29°19	8°54	18°34	14°57	19°18	1°47	0°35	3°56	10°33	F 13
S 14	18 5 24	1°29'08	3♏45	16°D14	28°3	13°40	29°18	8°58	18°32	14°59	19°18	1°D46	0°32	4°2	10°31	S 14
S 15	18 9 21	2°26'19	17°9	16°17	29°16	14°23	29°18	9°3	18°30	15°2	19°18	1°47	0°29	4°9	10°29	S 15
M16	18 13 17	3°23'29	0♏14	16°24	0♏28	15°6	29°18	9°7	18°27	15°4	19°18	1°R47	0°26	4°16	10°26	M16
T 17	18 17 14	4°20'40	13°3	16°36	1°41	15°49	29°D17	9°11	18°25	15°6	19°17	1°47	0°23	4°23	10°24	T 17
W18	18 21 10	5°17'50	25°38	16°53	2°53	16°31	29°17	9°16	18°23	15°8	19°17	1°44	0°19	4°29	10°21	W18
T 19	18 25 7	6°15'00	8♏1	17°15	4°6	17°14	29°18	9°21	18°20	15°10	19°17	1°39	0°16	4°36	10°19	T 19
F 20	18 29 3	7°12'09	20°16	17°42	5°18	17°57	29°18	9°25	18°18	15°12	19°17	1°32	0°13	4°43	10°16	F 20
S 21	18 33 0	8°9'19	2♏24	18°13	6°30	18°39	29°19	9°30	18°16	15°14	19°17	1°22	0°10	4°49	10°14	S 21
S 22	18 36 56	9°6'29	14°26	18°50	7°43	19°22	29°20	9°35	18°13	15°17	19°16	1°10	0°7	4°56	10°11	S 22
M23	18 40 53	10°3'39	26°22	19°32	8°55	20°4	29°21	9°40	18°11	15°19	19°16	0°58	0°4	5°3	10°8	M23
T 24	18 44 50	11°0'50	8♏16	20°19	10°7	20°47	29°22	9°45	18°9	15°21	19°16	0°46	0°0	5°10	10°6	T 24
W25	18 48 46	11°58'00	20°8	21°10	11°19	21°29	29°23	9°50	18°7	15°23	19°15	0°35	29♏57	5°16	10°3	W25
T 26	18 52 43	12°55'11	2♏0	22°6	12°31	22°11	29°24	9°55	18°5	15°25	19°15	0°26	29°54	5°23	10°0	T 26
F 27	18 56 39	13°52'22	13°56	23°7	13°44	22°53	29°26	10°0	18°3	15°27	19°15	0°20	29°51	5°30	9°57	F 27
S 28	19 0 36	14°49'34	26°1	24°13	14°56	23°35	29°28	10°5	18°0	15°29	19°14	0°16	29°48	5°37	9°54	S 28
S 29	19 4 32	15°46'46	8♏17	25°23	16°8	24°17	29°30	10°11	17°58	15°31	19°14	0°15	29°45	5°43	9°52	S 29
M30	19 8 29	16°44'00	20♏50	26♏38	17♏20	24♏59	29♏32	10♏16	17♏56	15♏33	19♏13	0°D15	29♏41	5♏50	9♏49	M30

Delta T = 143.61 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1567  
geocentric

JULY 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 12 25	17°54'13"	3°45'	27°11'57"	18°13'32"	25°8'41"	29°43'35"	10°17'22"	17°R54	15°11'35"	19°R13	0°R15	29°43'38"	5°57'	9°R46	T 1
W 2	19 16 22	18°38'28"	17° 5'	29°20'	19°44'	26°23'	29°37'	10°27'	17°R52	15°37'	19°R12	0°M14	29°35'	6° 3'	9°R43	W 2
T 3	19 20 19	19°35'43"	0°11'54"	0°54'48"	20°56'	27° 4'	29°40'	10°33'	17°50'	15°39'	19°12'	0°11'	29°32'	6°10'	9°40'	T 3
F 4	19 24 15	20°32'59"	15°13'	2°19'	22° 7'	27°46'	29°43'	10°38'	17°48'	15°41'	19°11'	0° 6'	29°29'	6°17'	9°37'	F 4
S 5	19 28 12	21°30'16"	29°58'	3°55'	23°19'	28°27'	29°46'	10°44'	17°47'	15°42'	19°11'	29°45'58"	29°25'	6°24'	9°34'	S 5
S 6	19 32 8	22°27'33"	15°53'	5°35'	24°31'	29° 9'	29°49'	10°50'	17°45'	15°44'	19°10'	29°49'	29°22'	6°30'	9°31'	S 6
M 7	19 36 5	23°24'51"	0°12'20"	7°18'	25°43'	29°50'	29°52'	10°56'	17°43'	15°46'	19°10'	29°38'	29°19'	6°37'	9°27'	M 7
T 8	19 40 1	24°22'09"	15°35'	9° 5'	26°55'	0°11'31"	29°56'	11° 1'	17°41'	15°48'	19° 9'	29°27'	29°16'	6°44'	9°24'	T 8
W 9	19 43 58	25°19'28"	0°17'40"	10°54'	28° 6'	1°13'	29°59'	11° 7'	17°39'	15°50'	19° 9'	29°19'	29°13'	6°50'	9°21'	W 9
T 10	19 47 55	26°16'48"	15°24'	12°47'	29°18'	1°54'	0°M 4	11°13'	17°37'	15°52'	19° 8'	29°12'	29°10'	6°57'	9°18'	T 10
F 11	19 51 51	27°14'08"	29°43'	14°43'	0°17'30"	2°35'	0° 8'	11°19'	17°36'	15°53'	19° 7'	29° 8'	29° 6'	7° 4'	9°15'	F 11
S 12	19 55 48	28°11'28"	13°43'34"	16°41'	1°41'	3°16'	0°12'	11°26'	17°34'	15°55'	19° 7'	29° 6'	29° 3'	7°11'	9°12'	S 12
S 13	19 59 44	29° 8'49"	26°59'	18°41'	2°53'	3°56'	0°16'	11°32'	17°32'	15°57'	19° 6'	29° 6'	29° 0'	7°17'	9° 8'	S 13
M14	20 3 41	0°10'6"	10°M 1	20°43'	4° 4'	4°37'	0°21'	11°38'	17°31'	15°59'	19° 5'	29° 6'	28°57'	7°24'	9° 5'	M14
T 15	20 7 37	1° 3'32"	22°42'	22°46'	5°16'	5°18'	0°26'	11°44'	17°29'	16° 0'	19° 5'	29° 5'	28°54'	7°31'	9° 2'	T 15
W16	20 11 34	2° 0'54"	5°M 8	24°50'	6°27'	5°58'	0°30'	11°50'	17°28'	16° 2'	19° 4'	29° 2'	28°51'	7°38'	8°59'	W16
T 17	20 15 30	2°58'17"	17°22'	26°55'	7°38'	6°39'	0°35'	11°57'	17°26'	16° 4'	19° 3'	28°56'	28°47'	7°44'	8°55'	T 17
F 18	20 19 27	3°55'41"	29°27'	29° 0'	8°49'	7°19'	0°41'	12° 3'	17°25'	16° 5'	19° 2'	28°47'	28°44'	7°51'	8°52'	F 18
S 19	20 23 24	4°53'06"	11°32'27"	1°10' 5	10° 1'	7°59'	0°46'	12°10'	17°24'	16° 7'	19° 1'	28°36'	28°41'	7°58'	8°49'	S 19
S 20	20 27 20	5°50'31"	23°22'	3°11'	11°12'	8°40'	0°51'	12°16'	17°22'	16° 9'	19° 1'	28°23'	28°38'	8° 4'	8°46'	S 20
M21	20 31 17	6°47'58"	5°M15	5°15'	12°23'	9°20'	0°57'	12°23'	17°21'	16°10'	19° 0'	28°10'	28°35'	8°11'	8°42'	M21
T 22	20 35 13	7°45'25"	17° 8'	7°19'	13°34'	10° 0'	1° 3'	12°29'	17°20'	16°12'	18°59'	27°56'	28°31'	8°18'	8°39'	T 22
W23	20 39 10	8°42'54"	29° 1'	9°23'	14°45'	10°40'	1° 9'	12°36'	17°18'	16°13'	18°58'	27°44'	28°28'	8°25'	8°36'	W23
T 24	20 43 6	9°40'23"	10°M56	11°25'	15°56'	11°19'	1°15'	12°43'	17°17'	16°15'	18°57'	27°35'	28°25'	8°31'	8°32'	T 24
F 25	20 47 3	10°37'54"	22°56'	13°27'	17° 7'	11°59'	1°21'	12°49'	17°16'	16°16'	18°56'	27°27'	28°22'	8°38'	8°29'	F 25
S 26	20 50 59	11°35'26"	5°M 4	15°27'	18°17'	12°39'	1°27'	12°56'	17°15'	16°18'	18°55'	27°23'	28°19'	8°45'	8°26'	S 26
S 27	20 54 56	12°33'00"	17°22'	17°26'	19°28'	13°18'	1°34'	13° 3'	17°14'	16°19'	18°54'	27°21'	28°16'	8°51'	8°23'	S 27
M28	20 58 52	13°30'35"	29°55'	19°23'	20°39'	13°58'	1°40'	13°10'	17°13'	16°21'	18°53'	27°D21	28°12'	8°58'	8°19'	M28
T 29	21 2 49	14°28'12"	12°M47	21°20'	21°50'	14°37'	1°47'	13°17'	17°12'	16°22'	18°53'	27°R21	28° 9'	9° 5'	8°16'	T 29
W30	21 6 46	15°25'50"	26° 3'	23°15'	23° 0'	15°16'	1°54'	13°23'	17°11'	16°23'	18°52'	27°21'	28° 6'	9°12'	8°13'	W30
T 31	21 10 42	16°12'33'30"	9°M45	25°18'	24°11'	15°11'55"	2°M 1	13°17'30"	17°R10	16°11'25"	18°M51	27°41'19"	28°43'	9°M18	8°M10	T 31

Delta T = 143.45 sec

Julian Calendar 1 July 1567 == Greg. Calendar 11 July 1567

AUGUST 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21 14 39	17°12'21'11"	23°11'55"	27°11' 0	25°17'21"	16°11'35"	2°M 8	13°17'37"	17°R 9	16°11'26"	18°R50	27°R14	28°43' 0	9°M25	8°R 6	F 1
S 2	21 18 35	18°18'54"	8°M32	28°51'	26°32'	17°13'	2°15'	13°44'	17°R 8	16°27'	18°M49	27°43' 8	27°56'	9°32'	8°M 3	S 2
S 3	21 22 32	19°16'38"	23°32'	0°17'40"	27°42'	17°52'	2°23'	13°51'	17° 8'	16°28'	18°48'	26°59'	27°53'	9°39'	8° 0'	S 3
M 4	21 26 28	20°14'24"	8°M45	2°28'	28°52'	18°31'	2°30'	13°58'	17° 7'	16°30'	18°47'	26°50'	27°50'	9°45'	7°57'	M 4
T 5	21 30 25	21°12'12"	24° 3'	4°14'	0°12' 2	19°10'	2°38'	14° 6'	17° 6'	16°31'	18°45'	26°40'	27°47'	9°52'	7°54'	T 5
W 6	21 34 21	22°10'01"	9°M13	5°59'	1°13'	19°48'	2°46'	14°13'	17° 6'	16°32'	18°44'	26°32'	27°44'	9°59'	7°51'	W 6
T 7	21 38 18	23° 7'51"	24° 5'	7°43'	2°23'	20°27'	2°54'	14°20'	17° 5'	16°33'	18°43'	26°26'	27°41'	10° 5'	7°47'	T 7
F 8	21 42 15	24° 5'42"	8°M33	9°25'	3°33'	21° 5'	3° 2'	14°27'	17° 5'	16°34'	18°42'	26°23'	27°37'	10°12'	7°44'	F 8
S 9	21 46 11	25° 3'35"	22°33'	11° 6'	4°43'	21°43'	3°10'	14°34'	17° 4'	16°35'	18°41'	26°D21	27°34'	10°19'	7°41'	S 9
S 10	21 50 8	26° 1'29"	6°M 4	12°46'	5°52'	22°21'	3°18'	14°41'	17° 4'	16°36'	18°40'	26°21'	27°31'	10°26'	7°38'	S 10
M11	21 54 4	26°59'24"	19° 9'	14°24'	7° 2'	22°59'	3°27'	14°49'	17° 4'	16°37'	18°39'	26°22'	27°28'	10°32'	7°35'	M11
T 12	21 58 1	27°57'21"	1°M52	16° 1'	8°12'	23°37'	3°35'	14°56'	17° 3'	16°38'	18°38'	26°R22	27°25'	10°39'	7°32'	T 12
W13	22 1 57	28°55'19"	14°16'	17°36'	9°21'	24°15'	3°44'	15° 3'	17° 3'	16°39'	18°37'	26°21'	27°22'	10°46'	7°29'	W13
T 14	22 5 54	29°53'18"	26°26'	19°10'	10°31'	24°52'	3°53'	15°11'	17° 3'	16°40'	18°36'	26°18'	27°18'	10°52'	7°26'	T 14
F 15	22 9 50	0°17'51'19"	8°M27	20°43'	11°40'	25°30'	4° 2'	15°18'	17° 3'	16°41'	18°34'	26°12'	27°15'	10°59'	7°23'	F 15
S 16	22 13 47	1°49'21"	20°22'	22°15'	12°50'	26° 7'	4°11'	15°25'	17° 3'	16°42'	18°33'	26° 4'	27°12'	11° 6'	7°21'	S 16
S 17	22 17 44	2°47'25"	2°M15	23°45'	13°59'	26°44'	4°20'	15°33'	17°D 3	16°43'	18°32'	25°55'	27° 9'	11°13'	7°18'	S 17
M18	22 21 40	3°45'30"	14° 7'	25°14'	15° 8'	27°21'	4°29'	15°40'	17° 3'	16°44'	18°31'	25°45'	27° 6'	11°19'	7°15'	M18
T 19	22 25 37	4°43'37"	26° 1'	26°42'	16°17'	27°58'	4°38'	15°47'	17° 3'	16°44'	18°30'	25°35'	27° 2'	11°26'	7°12'	T 19
W20	22 29 33	5°41'45"	7°M59	28° 8'	17°26'	28°35'	4°48'	15°55'	17° 3'	16°45'	18°29'	25°26'	26°59'	11°33'	7° 9'	W20
T 21	22 33 30	6°39'55"	20° 2'	29°33'	18°35'	29°12'	4°57'	16° 2'	17° 3'	16°46'	18°27'	25°19'	26°56'	11°39'	7° 7'	T 21
F 22	22 37 26	7°38'07"	2°M11	0°12'57"	19°44'	29°49'	5° 7'	16°10'	17° 3'	16°46'	18°26'	25°15'	26°53'	11°46'	7° 4'	F 22
S 23	22 41 23	8°36'21"	14°28'	2°19'	20°53'	0°12'25"	5°17'	16°17'	17° 4'	16°47'	18°25'	25°12'	26°50'	11°53'	7° 1'	S 23
S 24	22 45 19	9°34'37"	26°56'	3°40'	22° 1'	1° 1'	5°26'	16°25'	17° 4'	16°48'	18°24'	25°D11	26°47'	12° 0'	6°59'	S 24
M25	22 49 16	10°32'55"	9°M36	4°59'	23°10'	1°38'	5°36'	16°32'	17° 4'	16°48'	18°23'	25°12'	26°43'	12° 6'	6°56'	M25
T 26	22 53 13	11°31'15"	22°33'	6°17'	24°18'	2°14'	5°46'	16°39'	17° 5'	16°49'	18°21'	25°14'	26°40'	12°13'	6°54'	T 26
W27	22 57 9	12°29'37"	5°M49	7°34'	25°26'	2°50'	5°56'	16°47'	17° 5'	16°49'	18°20'	25°15'	26°37'	12°20'	6°51'	W27
T 28	23 1 6	13°28'01"	19°26'	8°48'	26°35'	3°26'	6° 7'	16°54'	17° 6'	16°50'	18°19'	25°R15	26°34'	12°27'	6°49'	T 28
F 29	23 5 2	14°26'28"	3°M26	10° 1'	27°43'	4° 1'	6°17'	17° 2'	17° 6'	16°50'	18°18'	25°13'	26°31'	12°33'	6°47'	F 29
S 30	23 8 59	15°24'56"	17°48'	11°12'	28°51'	4°37'	6°27'	17° 9'	17° 7'	16°51'	18°17'	25°10'	26°28'	12°40'	6°44'	S 30
S 31	23 12 55	16°17'23'27"	2°M31	12°42'22"	29°45'58"	5°12'12"	6°M38	17°17'17"	17°R 8	16°11'51"	18°M15	25°41' 5	26°42'24"	12°M47	6°M42	S 31

Delta T = 143.28 sec

Julian Calendar

# ASTRODIENST EPHEMERIS for the year 1567

## geocentric

SEPTEMBER 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	23 16 52	17 <sup>17</sup> 22'00	17 <sup>17</sup> 22'00	13 <sup>13</sup> 29	1 <sup>1</sup> 6	5 <sup>5</sup> 48	6 <sup>6</sup> 48	17 <sup>17</sup> 24	17 <sup>17</sup> 8	16 <sup>16</sup> 51	18 <sup>18</sup> R14	25 <sup>25</sup> R 0	26 <sup>26</sup> 21	12 <sup>12</sup> 53	6 <sup>6</sup> R40	M 1
T 2	23 20 48	18 <sup>18</sup> 20'35	2 <sup>2</sup> 30	14 <sup>14</sup> 34	2 <sup>2</sup> 14	6 <sup>6</sup> 23	6 <sup>6</sup> 59	17 <sup>17</sup> 32	17 <sup>17</sup> 9	16 <sup>16</sup> 52	18 <sup>18</sup> 13	24 <sup>24</sup> 54	26 <sup>26</sup> 18	13 <sup>13</sup> 0	6 <sup>6</sup> 38	T 2
W 3	23 24 45	19 <sup>19</sup> 19'12	17 <sup>17</sup> 29	15 <sup>15</sup> 37	3 <sup>3</sup> 21	6 <sup>6</sup> 58	7 <sup>7</sup> 10	17 <sup>17</sup> 39	17 <sup>17</sup> 10	16 <sup>16</sup> 52	18 <sup>18</sup> 12	24 <sup>24</sup> 50	26 <sup>26</sup> 15	13 <sup>13</sup> 7	6 <sup>6</sup> 36	W 3
T 4	23 28 42	20 <sup>20</sup> 17'51	2 <sup>2</sup> 16	16 <sup>16</sup> 38	4 <sup>4</sup> 28	7 <sup>7</sup> 32	7 <sup>7</sup> 21	17 <sup>17</sup> 47	17 <sup>17</sup> 11	16 <sup>16</sup> 52	18 <sup>18</sup> 10	24 <sup>24</sup> 46	26 <sup>26</sup> 12	13 <sup>13</sup> 14	6 <sup>6</sup> 34	T 4
F 5	23 32 38	21 <sup>21</sup> 16'32	16 <sup>16</sup> 44	17 <sup>17</sup> 36	5 <sup>5</sup> 36	8 <sup>8</sup> 7	7 <sup>7</sup> 31	17 <sup>17</sup> 54	17 <sup>17</sup> 12	16 <sup>16</sup> 52	18 <sup>18</sup> 9	24 <sup>24</sup> 45	26 <sup>26</sup> 8	13 <sup>13</sup> 20	6 <sup>6</sup> 32	F 5
S 6	23 36 35	22 <sup>22</sup> 15'15	0 <sup>0</sup> 47	18 <sup>18</sup> 31	6 <sup>6</sup> 43	8 <sup>8</sup> 42	7 <sup>7</sup> 42	18 <sup>18</sup> 2	17 <sup>17</sup> 13	16 <sup>16</sup> 52	18 <sup>18</sup> 8	24 <sup>24</sup> D45	26 <sup>26</sup> 5	13 <sup>13</sup> 27	6 <sup>6</sup> 30	S 6
S 7	23 40 31	23 <sup>23</sup> 14'00	14 <sup>14</sup> 24	19 <sup>19</sup> 24	7 <sup>7</sup> 50	9 <sup>9</sup> 16	7 <sup>7</sup> 53	18 <sup>18</sup> 9	17 <sup>17</sup> 14	16 <sup>16</sup> 53	18 <sup>18</sup> 7	24 <sup>24</sup> 46	26 <sup>26</sup> 2	13 <sup>13</sup> 34	6 <sup>6</sup> 28	S 7
M 8	23 44 28	24 <sup>24</sup> 12'46	27 <sup>27</sup> 34	20 <sup>20</sup> 13	8 <sup>8</sup> 56	9 <sup>9</sup> 50	8 <sup>8</sup> 5	18 <sup>18</sup> 17	17 <sup>17</sup> 15	16 <sup>16</sup> 53	18 <sup>18</sup> 6	24 <sup>24</sup> 47	25 <sup>25</sup> 59	13 <sup>13</sup> 40	6 <sup>6</sup> 26	M 8
T 9	23 48 24	25 <sup>25</sup> 11'34	10 <sup>10</sup> 21	20 <sup>20</sup> 59	10 <sup>10</sup> 3	10 <sup>10</sup> 24	8 <sup>8</sup> 16	18 <sup>18</sup> 24	17 <sup>17</sup> 16	16 <sup>16</sup> 53	18 <sup>18</sup> 4	24 <sup>24</sup> 49	25 <sup>25</sup> 56	13 <sup>13</sup> 47	6 <sup>6</sup> 24	T 9
W10	23 52 21	26 <sup>26</sup> 10'24	22 <sup>22</sup> 48	21 <sup>21</sup> 41	11 <sup>11</sup> 10	10 <sup>10</sup> 58	8 <sup>8</sup> 27	18 <sup>18</sup> 32	17 <sup>17</sup> 17	16 <sup>16</sup> 53	18 <sup>18</sup> 3	24 <sup>24</sup> R49	25 <sup>25</sup> 53	13 <sup>13</sup> 54	6 <sup>6</sup> 22	W10
T 11	23 56 17	27 <sup>27</sup> 9'16	5 <sup>5</sup> 0	22 <sup>22</sup> 19	12 <sup>12</sup> 16	11 <sup>11</sup> 32	8 <sup>8</sup> 38	18 <sup>18</sup> 39	17 <sup>17</sup> 18	16 <sup>16</sup> R53	18 <sup>18</sup> 2	24 <sup>24</sup> 49	25 <sup>25</sup> 49	14 <sup>14</sup> 1	6 <sup>6</sup> 21	T 11
F 12	0 0 14	28 <sup>28</sup> 8'09	17 <sup>17</sup> 1	22 <sup>22</sup> 53	13 <sup>13</sup> 22	12 <sup>12</sup> 5	8 <sup>8</sup> 50	18 <sup>18</sup> 47	17 <sup>17</sup> 20	16 <sup>16</sup> 53	18 <sup>18</sup> 1	24 <sup>24</sup> 48	25 <sup>25</sup> 46	14 <sup>14</sup> 7	6 <sup>6</sup> 19	F 12
S 13	0 4 10	29 <sup>29</sup> 7'04	28 <sup>28</sup> 55	23 <sup>23</sup> 22	14 <sup>14</sup> 28	12 <sup>12</sup> 38	9 <sup>9</sup> 1	18 <sup>18</sup> 54	17 <sup>17</sup> 21	16 <sup>16</sup> 53	18 <sup>18</sup> 0	24 <sup>24</sup> 45	25 <sup>25</sup> 43	14 <sup>14</sup> 14	6 <sup>6</sup> 18	S 13
S 14	0 8 7	0 <sup>0</sup> 4	10 <sup>10</sup> 47	23 <sup>23</sup> 45	15 <sup>15</sup> 34	13 <sup>13</sup> 12	9 <sup>9</sup> 13	19 <sup>19</sup> 1	17 <sup>17</sup> 22	16 <sup>16</sup> 53	17 <sup>17</sup> 58	24 <sup>24</sup> 42	25 <sup>25</sup> 40	14 <sup>14</sup> 21	6 <sup>6</sup> 16	S 14
M15	0 12 4	1 <sup>1</sup> 5'00	22 <sup>22</sup> 41	24 <sup>24</sup> 4	16 <sup>16</sup> 40	13 <sup>13</sup> 45	9 <sup>9</sup> 25	19 <sup>19</sup> 9	17 <sup>17</sup> 24	16 <sup>16</sup> 52	17 <sup>17</sup> 57	24 <sup>24</sup> 38	25 <sup>25</sup> 37	14 <sup>14</sup> 27	6 <sup>6</sup> 15	M15
T 16	0 16 0	2 <sup>2</sup> 4'01	4 <sup>4</sup> 38	24 <sup>24</sup> 16	17 <sup>17</sup> 45	14 <sup>14</sup> 17	9 <sup>9</sup> 36	19 <sup>19</sup> 16	17 <sup>17</sup> 25	16 <sup>16</sup> 52	17 <sup>17</sup> 56	24 <sup>24</sup> 34	25 <sup>25</sup> 33	14 <sup>14</sup> 34	6 <sup>6</sup> 13	T 16
W17	0 19 57	3 <sup>3</sup> 3'03	16 <sup>16</sup> 42	24 <sup>24</sup> R22	18 <sup>18</sup> 50	14 <sup>14</sup> 50	9 <sup>9</sup> 48	19 <sup>19</sup> 24	17 <sup>17</sup> 27	16 <sup>16</sup> 52	17 <sup>17</sup> 55	24 <sup>24</sup> 30	25 <sup>25</sup> 30	14 <sup>14</sup> 41	6 <sup>6</sup> 12	W17
T 18	0 23 53	4 <sup>4</sup> 2'08	28 <sup>28</sup> 55	24 <sup>24</sup> 21	19 <sup>19</sup> 55	15 <sup>15</sup> 22	10 <sup>10</sup> 0	19 <sup>19</sup> 31	17 <sup>17</sup> 28	16 <sup>16</sup> 52	17 <sup>17</sup> 54	24 <sup>24</sup> 28	25 <sup>25</sup> 27	14 <sup>14</sup> 48	6 <sup>6</sup> 11	T 18
F 19	0 27 50	5 <sup>5</sup> 1'15	11 <sup>11</sup> Y18	24 <sup>24</sup> 13	21 <sup>21</sup> 0	15 <sup>15</sup> 55	10 <sup>10</sup> 12	19 <sup>19</sup> 38	17 <sup>17</sup> 30	16 <sup>16</sup> 52	17 <sup>17</sup> 53	24 <sup>24</sup> 26	25 <sup>25</sup> 24	14 <sup>14</sup> 54	6 <sup>6</sup> 10	F 19
S 20	0 31 46	6 <sup>6</sup> 0'23	23 <sup>23</sup> 51	23 <sup>23</sup> 57	22 <sup>22</sup> 5	16 <sup>16</sup> 27	10 <sup>10</sup> 24	19 <sup>19</sup> 46	17 <sup>17</sup> 32	16 <sup>16</sup> 51	17 <sup>17</sup> 51	24 <sup>24</sup> D26	25 <sup>25</sup> 21	15 <sup>15</sup> 1	6 <sup>6</sup> 9	S 20
S 21	0 35 43	6 <sup>6</sup> 59'34	6 <sup>6</sup> 36	23 <sup>23</sup> 33	23 <sup>23</sup> 9	16 <sup>16</sup> 58	10 <sup>10</sup> 36	19 <sup>19</sup> 53	17 <sup>17</sup> 33	16 <sup>16</sup> 51	17 <sup>17</sup> 50	24 <sup>24</sup> 26	25 <sup>25</sup> 18	15 <sup>15</sup> 8	6 <sup>6</sup> 8	S 21
M22	0 39 39	7 <sup>7</sup> 58'47	19 <sup>19</sup> 34	23 <sup>23</sup> 2	24 <sup>24</sup> 13	17 <sup>17</sup> 30	10 <sup>10</sup> 48	20 <sup>20</sup> 0	17 <sup>17</sup> 35	16 <sup>16</sup> 51	17 <sup>17</sup> 49	24 <sup>24</sup> 27	25 <sup>25</sup> 14	15 <sup>15</sup> 14	6 <sup>6</sup> 7	M22
T 23	0 43 36	8 <sup>8</sup> 58'03	2 <sup>2</sup> 46	22 <sup>22</sup> 22	25 <sup>25</sup> 17	18 <sup>18</sup> 2	11 <sup>11</sup> 0	20 <sup>20</sup> 7	17 <sup>17</sup> 37	16 <sup>16</sup> 50	17 <sup>17</sup> 48	24 <sup>24</sup> 28	25 <sup>25</sup> 11	15 <sup>15</sup> 21	6 <sup>6</sup> 6	T 23
W24	0 47 33	9 <sup>9</sup> 57'20	16 <sup>16</sup> 12	21 <sup>21</sup> 34	26 <sup>26</sup> 21	18 <sup>18</sup> 33	11 <sup>11</sup> 12	20 <sup>20</sup> 15	17 <sup>17</sup> 39	16 <sup>16</sup> 50	17 <sup>17</sup> 47	24 <sup>24</sup> 29	25 <sup>25</sup> 8	15 <sup>15</sup> 28	6 <sup>6</sup> 5	W24
T 25	0 51 29	10 <sup>10</sup> 56'40	29 <sup>29</sup> 53	20 <sup>20</sup> 40	27 <sup>27</sup> 24	19 <sup>19</sup> 4	11 <sup>11</sup> 24	20 <sup>20</sup> 22	17 <sup>17</sup> 41	16 <sup>16</sup> 49	17 <sup>17</sup> 46	24 <sup>24</sup> 30	25 <sup>25</sup> 5	15 <sup>15</sup> 35	6 <sup>6</sup> 4	T 25
F 26	0 55 26	11 <sup>11</sup> 56'03	13 <sup>13</sup> 49	19 <sup>19</sup> 38	28 <sup>28</sup> 28	19 <sup>19</sup> 35	11 <sup>11</sup> 37	20 <sup>20</sup> 29	17 <sup>17</sup> 43	16 <sup>16</sup> 49	17 <sup>17</sup> 45	24 <sup>24</sup> R30	25 <sup>25</sup> 2	15 <sup>15</sup> 41	6 <sup>6</sup> 3	F 26
S 27	0 59 22	12 <sup>12</sup> 55'28	28 <sup>28</sup> 0	18 <sup>18</sup> 32	29 <sup>29</sup> 31	20 <sup>20</sup> 5	11 <sup>11</sup> 49	20 <sup>20</sup> 36	17 <sup>17</sup> 45	16 <sup>16</sup> 48	17 <sup>17</sup> 44	24 <sup>24</sup> 30	24 <sup>24</sup> 59	15 <sup>15</sup> 48	6 <sup>6</sup> 3	S 27
S 28	1 3 19	13 <sup>13</sup> 54'55	12 <sup>12</sup> 23	17 <sup>17</sup> 22	0 <sup>0</sup> 33	20 <sup>20</sup> 36	12 <sup>12</sup> 1	20 <sup>20</sup> 43	17 <sup>17</sup> 47	16 <sup>16</sup> 48	17 <sup>17</sup> 43	24 <sup>24</sup> 29	24 <sup>24</sup> 55	15 <sup>15</sup> 55	6 <sup>6</sup> 2	S 28
M29	1 7 15	14 <sup>14</sup> 54'24	26 <sup>26</sup> 55	16 <sup>16</sup> 9	1 <sup>1</sup> 36	21 <sup>21</sup> 6	12 <sup>12</sup> 14	20 <sup>20</sup> 50	17 <sup>17</sup> 49	16 <sup>16</sup> 47	17 <sup>17</sup> 41	24 <sup>24</sup> 28	24 <sup>24</sup> 52	16 <sup>16</sup> 1	6 <sup>6</sup> 2	M29
T 30	1 11 12	15 <sup>15</sup> 53'56	11 <sup>11</sup> 32	14 <sup>14</sup> 56	2 <sup>2</sup> 38	21 <sup>21</sup> 36	12 <sup>12</sup> M26	20 <sup>20</sup> 57	17 <sup>17</sup> 51	16 <sup>16</sup> 46	17 <sup>17</sup> 40	24 <sup>24</sup> 27	24 <sup>24</sup> 49	16 <sup>16</sup> 8	6 <sup>6</sup> 1	T 30

Delta T = 143.12 sec

Julian Calendar 1 Sept. 1567 == Greg. Calendar 11 Sept. 1567

OCTOBER 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	1 15 8	16 <sup>16</sup> 53'30	26 <sup>26</sup> 7	13 <sup>13</sup> R45	3 <sup>3</sup> 40	22 <sup>22</sup> 5	12 <sup>12</sup> M39	21 <sup>21</sup> 4	17 <sup>17</sup> 53	16 <sup>16</sup> R46	17 <sup>17</sup> R39	24 <sup>24</sup> R26	24 <sup>24</sup> 46	16 <sup>16</sup> 15	6 <sup>6</sup> R 1	W 1
T 2	1 19 5	17 <sup>17</sup> 53'06	10 <sup>10</sup> 34	12 <sup>12</sup> 38	4 <sup>4</sup> 42	22 <sup>22</sup> 35	12 <sup>12</sup> 51	21 <sup>21</sup> 11	17 <sup>17</sup> 55	16 <sup>16</sup> 45	17 <sup>17</sup> 38	24 <sup>24</sup> 26	24 <sup>24</sup> 43	16 <sup>16</sup> 22	6 <sup>6</sup> 1	T 2
F 3	1 23 1	18 <sup>18</sup> 52'44	24 <sup>24</sup> 48	11 <sup>11</sup> 37	5 <sup>5</sup> 43	23 <sup>23</sup> 4	13 <sup>13</sup> 4	21 <sup>21</sup> 18	17 <sup>17</sup> 58	16 <sup>16</sup> 44	17 <sup>17</sup> 37	24 <sup>24</sup> D25	24 <sup>24</sup> 39	16 <sup>16</sup> 28	6 <sup>6</sup> 0	F 3
S 4	1 26 58	19 <sup>19</sup> 52'24	8 <sup>8</sup> M43	10 <sup>10</sup> 44	6 <sup>6</sup> 44	23 <sup>23</sup> 33	13 <sup>13</sup> 17	21 <sup>21</sup> 25	18 <sup>18</sup> 0	16 <sup>16</sup> 44	17 <sup>17</sup> 36	24 <sup>24</sup> 26	24 <sup>24</sup> 36	16 <sup>16</sup> 35	6 <sup>6</sup> 0	S 4
S 5	1 30 55	20 <sup>20</sup> 52'07	22 <sup>22</sup> 17	10 <sup>10</sup> 0	7 <sup>7</sup> 44	24 <sup>24</sup> 2	13 <sup>13</sup> 29	21 <sup>21</sup> 32	18 <sup>18</sup> 2	16 <sup>16</sup> 43	17 <sup>17</sup> 35	24 <sup>24</sup> 26	24 <sup>24</sup> 33	16 <sup>16</sup> 42	6 <sup>6</sup> 0	S 5
M 6	1 34 51	21 <sup>21</sup> 51'51	5 <sup>5</sup> 29	9 <sup>9</sup> 26	8 <sup>8</sup> 45	24 <sup>24</sup> 30	13 <sup>13</sup> 42	21 <sup>21</sup> 39	18 <sup>18</sup> 5	16 <sup>16</sup> 42	17 <sup>17</sup> 34	24 <sup>24</sup> 26	24 <sup>24</sup> 30	16 <sup>16</sup> 48	6 <sup>6</sup> D 0	M 6
T 7	1 38 48	22 <sup>22</sup> 51'37	18 <sup>18</sup> 19	9 <sup>9</sup> 4	9 <sup>9</sup> 45	24 <sup>24</sup> 58	13 <sup>13</sup> 55	21 <sup>21</sup> 46	18 <sup>18</sup> 7	16 <sup>16</sup> 41	17 <sup>17</sup> 33	24 <sup>24</sup> 26	24 <sup>24</sup> 27	16 <sup>16</sup> 55	6 <sup>6</sup> 0	T 7
W 8	1 42 44	23 <sup>23</sup> 51'24	0 <sup>0</sup> 50	8 <sup>8</sup> 52	10 <sup>10</sup> 44	25 <sup>25</sup> 26	14 <sup>14</sup> 8	21 <sup>21</sup> 52	18 <sup>18</sup> 9	16 <sup>16</sup> 40	17 <sup>17</sup> 32	24 <sup>24</sup> 27	24 <sup>24</sup> 24	17 <sup>17</sup> 2	6 <sup>6</sup> 0	W 8
T 9	1 46 41	24 <sup>24</sup> 51'14	13 <sup>13</sup> 4	8 <sup>8</sup> D52	11 <sup>11</sup> 43	25 <sup>25</sup> 54	14 <sup>14</sup> 21	21 <sup>21</sup> 59	18 <sup>18</sup> 12	16 <sup>16</sup> 40	17 <sup>17</sup> 31	24 <sup>24</sup> R27	24 <sup>24</sup> 20	17 <sup>17</sup> 9	6 <sup>6</sup> 0	T 9
F 10	1 50 37	25 <sup>25</sup> 51'05	25 <sup>25</sup> 6	9 <sup>9</sup> 3	12 <sup>12</sup> 42	26 <sup>26</sup> 21	14 <sup>14</sup> 34	22 <sup>22</sup> 6	18 <sup>18</sup> 14	16 <sup>16</sup> 39	17 <sup>17</sup> 31	24 <sup>24</sup> D27	24 <sup>24</sup> 17	17 <sup>17</sup> 15	6 <sup>6</sup> 1	F 10
S 11	1 54 34	26 <sup>26</sup> 50'57	7 <sup>7</sup> 1	9 <sup>9</sup> 24	13 <sup>13</sup> 40	26 <sup>26</sup> 48	14 <sup>14</sup> 46	22 <sup>22</sup> 12	18 <sup>18</sup> 17	16 <sup>16</sup> 38	17 <sup>17</sup> 30	24 <sup>24</sup> 27	24 <sup>24</sup> 14	17 <sup>17</sup> 22	6 <sup>6</sup> 1	S 11
S 12	1 58 30	27 <sup>27</sup> 50'52	18 <sup>18</sup> 53	9 <sup>9</sup> 56	14 <sup>14</sup> 38	27 <sup>27</sup> 15	14 <sup>14</sup> 59	22 <sup>22</sup> 19	18 <sup>18</sup> 20	16 <sup>16</sup> 37	17 <sup>17</sup> 29	24 <sup>24</sup> 27	24 <sup>24</sup> 11	17 <sup>17</sup> 29	6 <sup>6</sup> 1	S 12
M13	2 2 27	28 <sup>28</sup> 50'48	0 <sup>0</sup> 47	10 <sup>10</sup> 36	15 <sup>15</sup> 36	27 <sup>27</sup> 41	15 <sup>15</sup> 12	22 <sup>22</sup> 26	18 <sup>18</sup> 22	16 <sup>16</sup> 36	17 <sup>17</sup> 28	24 <sup>24</sup> 27	24 <sup>24</sup> 8	17 <sup>17</sup> 35	6 <sup>6</sup> 2	M13
T 14	2 6 24	29 <sup>29</sup> 50'46	12 <sup>12</sup> 47	11 <sup>11</sup> 24	16 <sup>16</sup> 33	28 <sup>28</sup> 7	15 <sup>15</sup> 25	22 <sup>22</sup> 32	18 <sup>18</sup> 25	16 <sup>16</sup> 35	17 <sup>17</sup> 27	24 <sup>24</sup> 28	24 <sup>24</sup> 4	17 <sup>17</sup> 42	6 <sup>6</sup> 2	T 14
W15	2 10 20	0 <sup>0</sup> M50'45	24 <sup>24</sup> 57	12 <sup>12</sup> 20	17 <sup>17</sup> 29	28 <sup>28</sup> 33	15 <sup>15</sup> 38	22 <sup>22</sup> 39	18 <sup>18</sup> 28	16 <sup>16</sup> 34	17 <sup>17</sup> 26	24 <sup>24</sup> 28	24 <sup>24</sup> 1	17 <sup>17</sup> 49	6 <sup>6</sup> 3	W15
T 16	2 14 17	1 <sup>1</sup> 50'47	7 <sup>7</sup> Y19	13 <sup>13</sup> 22	18 <sup>18</sup> 25	28 <sup>28</sup> 59	15 <sup>15</sup> 51	22 <sup>22</sup> 45	18 <sup>18</sup> 30	16 <sup>16</sup> 32	17 <sup>17</sup> 25	24 <sup>24</sup> 29	23 <sup>23</sup> 58	17 <sup>17</sup> 55	6 <sup>6</sup> 4	T 16
F 17	2 18 13	2 <sup>2</sup> 50'50	19 <sup>19</sup> 55	14 <sup>14</sup> 30	19 <sup>19</sup> 20	29 <sup>29</sup> 24	16 <sup>16</sup> 5	22 <sup>22</sup> 51	18 <sup>18</sup> 33	16 <sup>16</sup> 31	17 <sup>17</sup> 25	24 <sup>24</sup> R29	23 <sup>23</sup> 55	18 <sup>18</sup> 2	6 <sup>6</sup> 4	F 17
S 18	2 22 10	3 <sup>3</sup> 50'54	2 <sup>2</sup> 847	15 <sup>15</sup> 42	20 <sup>20</sup> 15	29 <sup>29</sup> 49	16 <sup>16</sup> 18	22 <sup>22</sup> 58	18 <sup>18</sup> 36	16 <sup>16</sup> 30	17 <sup>17</sup> 24	24 <sup>24</sup> 29	23 <sup>23</sup> 52	18 <sup>18</sup> 9	6 <sup>6</sup> 5	S 18
S 19	2 26 6	4 <sup>4</sup> 51'01	15 <sup>15</sup> 55	16 <sup>16</sup> 59	21 <sup>21</sup> 9	0 <sup>0</sup> 14	16 <sup>16</sup> 31	23 <sup>23</sup> 4	18 <sup>18</sup> 39	16 <sup>16</sup> 29	17 <sup>17</sup> 23	24 <sup>24</sup> 29	23 <sup>23</sup> 49	18 <sup>18</sup> 16	6 <sup>6</sup> 6	S 19
M20	2 30 3	5 <sup>5</sup> 51'10	29 <sup>29</sup> 18	18 <sup>18</sup> 19	22 <sup>22</sup> 3	0 <sup>0</sup> 38	16 <sup>16</sup> 44	23 <sup>23</sup> 10	18 <sup>18</sup> 42	16 <sup>16</sup> 28	17 <sup>17</sup> 22	24 <sup>24</sup> 28	23 <sup>23</sup> 45	18 <sup>18</sup> 22	6 <sup>6</sup> 7	M20
T 21	2 33 59	6 <sup>6</sup> 51'20	12 <sup>12</sup> II55	19 <sup>19</sup> 43	22 <sup>22</sup> 56	1 <sup>1</sup> 2	16 <sup>16</sup> 57	23 <sup>23</sup> 16	18 <sup>18</sup> 45	16 <sup>16</sup> 27	17 <sup>17</sup> 22	24 <sup>24</sup> 26	23 <sup>23</sup> 42	18 <sup>18</sup> 29	6 <sup>6</sup> 8	T 21
W22	2 37 56	7 <sup>7</sup> 51'33	26 <sup>26</sup> 43	21 <sup>21</sup> 9	23 <sup>23</sup> 48	1 <sup>1</sup> 25	17 <sup>17</sup> 10	23 <sup>23</sup> 22	18 <sup>18</sup> 47	16 <sup>16</sup> 25	17 <sup>17</sup> 21	24 <sup>24</sup> 24	23 <sup>23</sup> 39	18 <sup>18</sup> 36	6 <sup>6</sup> 9	W22
T 23	2 41 53	8 <sup>8</sup> 51'48	10 <sup>10</sup> 541	22 <sup>22</sup> 37	24 <sup>24</sup> 40	1 <sup>1</sup> 48	17 <sup>17</sup> 24	23 <sup>23</sup> 28	18 <sup>18</sup> 50	16 <sup>16</sup> 24	17 <sup>17</sup> 20	24 <sup>24</sup> 23	23 <sup>23</sup> 36	18 <sup>18</sup> 42	6 <sup>6</sup> 10	T 23
F 24	2 45 49	9 <sup>9</sup> 52'05	24 <sup>24</sup> 45	24 <sup>24</sup> 7	25 <sup>25</sup> 31	2 <sup>2</sup> 11	17 <sup>17</sup> 37	23 <sup>23</sup> 34	18 <sup>18</sup> 53	16 <sup>16</sup> 23	17 <sup>17</sup> 20	24 <sup>24</sup> 21	23 <sup>23</sup> 33	18 <sup>18</sup> 49	6 <sup>6</sup> 11	F 24
S 25	2 49 46	10 <sup>10</sup> 52'23	8 <sup>8</sup> 154	25 <sup>25</sup> 38	26 <sup>26</sup> 21	2 <sup>2</sup> 34	17 <sup>17</sup> 50	23 <sup>23</sup> 40	18 <sup>18</sup> 56	16 <sup>16</sup> 22	17 <sup>17</sup> 19	24 <sup>24</sup> D21	23 <sup>23</sup> 30	18 <sup>18</sup> 56	6 <sup>6</sup> 13	S 25
S 26	2 53 42	11 <sup>11</sup> 52'44	23 <sup>23</sup> 5	27 <sup>27</sup> 10	27 <sup>27</sup> 11	2 <sup>2</sup> 56	18 <sup>18</sup> 3	23 <sup>23</sup> 46	19 <sup>19</sup> 0	16 <sup>16</sup> 20	17 <sup>17</sup> 18	24 <sup>24</sup> 21	23 <sup>23</sup> 26	19 <sup>19</sup> 3	6 <sup>6</sup> 14	S 26
M27	2 57 39	12 <sup>12</sup> 53'07	7 <sup>7</sup> 17	28 <sup>28</sup> 44	27 <sup>27</sup> 59	3 <sup>3</sup> 17	18 <sup>18</sup> 17	23 <sup>23</sup> 52	19 <sup>19</sup> 3	16 <sup>16</sup> 19	17 <sup>17</sup> 18	24 <sup>24</sup> 22	23 <sup>23</sup> 23	19 <sup>19</sup> 9	6 <sup>6</sup> 15	M27
T 28	3 1 35	13 <sup>13</sup> 53'32	21 <sup>21</sup> 28	0 <sup>0</sup> M18	28 <sup>28</sup> 47	3 <sup>3</sup> 39	18 <sup>18</sup> 30	23 <sup>23</sup> 57	19 <sup>19</sup> 6	16 <sup>16</sup> 18	17 <sup>17</sup> 17	24 <sup>24</sup> 23	23 <sup>23</sup> 20	19 <sup>19</sup> 16	6 <sup>6</sup> 17	T 28
W29	3 5 32	14 <sup>14</sup> 53'58	5 <sup>5</sup> 34	1 <sup>1</sup> 52	29 <sup>29</sup> 34	3 <sup>3</sup> 59	18 <sup>18</sup> 43	24 <sup>24</sup> 3	19 <sup>19</sup> 9	16 <sup>16</sup> 16	17 <sup>17</sup> 16	24 <sup>24</sup> 25	23 <sup>23</sup> 17	19 <sup>19</sup> 23	6 <sup>6</sup> 18	W29
T 30	3 9 28	15 <sup>15</sup> 54'27	19 <sup>19</sup> 33	3 <sup>3</sup> 27	0 <sup>0</sup> 321	4 <sup>4</sup> 20	18 <sup>18</sup> 57	24 <sup>24</sup> 9	19 <sup>19</sup> 12	16 <sup>16</sup> 15	17 <sup>17</sup> 16	24 <sup>24</sup> R26	23 <sup>23</sup> 14	19 <sup>19</sup> 29	6 <sup>6</sup> 20	T 30
F 31	3 13 25	16 <sup>16</sup> M54'57	3 <sup>3</sup> M21	5 <sup>5</sup> M 2	1 <sup>1</sup> 3 6	4 <sup>4</sup> 40	19 <sup>19</sup> M10	24 <sup>24</sup> M14	19 <sup>19</sup> 15	16 <sup>16</sup> II13	17 <sup>17</sup> 15	24 <sup>24</sup> D25	23 <sup>23</sup> 10	19 <sup>19</sup> 36	6 <sup>6</sup> 22	F 31

# ASTRODIENST EPHEMERIS for the year 1567

## geocentric

NOVEMBER 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	3 17 22	17♌55'29	16♌57	6♌38	1♌50	4♌59	19♌23	24♌20	19♌18	16♌12	17♌15	24♌24	23♌7	19♌43	6♌23	S 1
S 2	3 21 18	18°56'02	0♌18	8°13	2°34	5°18	19°36	24°25	19°22	16♌10	17♌14	24♌21	23° 4	19°50	6°25	S 2
M 3	3 25 15	19°56'37	13°22	9°49	3°16	5°37	19°50	24°30	19°25	16° 9	17°14	24°18	23° 1	19°56	6°27	M 3
T 4	3 29 11	20°57'14	26° 9	11°24	3°57	5°55	20° 3	24°36	19°28	16° 7	17°14	24°13	22°58	20° 3	6°29	T 4
W 5	3 33 8	21°57'52	8♌38	13° 0	4°37	6°13	20°16	24°41	19°32	16° 6	17°13	24° 8	22°55	20°10	6°31	W 5
T 6	3 37 4	22°58'31	14°35	5°16	6°30	7°48	20°30	24°46	19°35	16° 4	17°13	24° 4	22°51	20°16	6°33	T 6
F 7	3 41 1	23°59'11	2♌56	16°11	5°54	6°47	20°43	24°51	19°38	16° 3	17°12	24° 1	22°48	20°23	6°35	F 7
S 8	3 44 57	24°59'53	14°51	17°46	6°30	7° 3	20°56	24°56	19°42	16° 1	17°12	23°59	22°45	20°30	6°37	S 8
S 9	3 48 54	26° 0'35	26°42	19°21	7° 5	7°18	21°10	25° 1	19°45	16° 0	17°12	23°D58	22°42	20°37	6°40	S 9
M10	3 52 51	27° 1'19	8♌35	20°56	7°39	7°33	21°23	25° 5	19°48	15°58	17°11	23°59	22°39	20°43	6°42	M10
T 11	3 56 47	28° 2'03	20°34	22°31	8°11	7°48	21°36	25°10	19°52	15°57	17°11	24° 0	22°36	20°50	6°44	T 11
W12	4 0 44	29° 2'49	2♌44	24° 6	8°41	8° 2	21°50	25°15	19°55	15°55	17°11	24° 2	22°32	20°57	6°47	W12
T 13	4 4 40	0♌3'36	15°11	25°41	9°10	8°15	22° 3	25°19	19°59	15°53	17°11	24° 4	22°29	21° 3	6°49	T 13
F 14	4 8 37	1° 4'24	27°56	27°16	9°38	8°28	22°16	25°24	20° 2	15°52	17°10	24°R 4	22°26	21°10	6°52	F 14
S 15	4 12 33	2° 5'12	11♌2	28°50	10° 3	8°41	22°29	25°28	20° 6	15°50	17°10	24° 3	22°23	21°17	6°54	S 15
S 16	4 16 30	3° 6'02	24°31	0♌24	10°27	8°52	22°43	25°32	20° 9	15°48	17°10	23°59	22°20	21°23	6°57	S 16
M17	4 20 26	4° 6'54	8♌19	1°59	10°49	9° 3	22°56	25°37	20°13	15°47	17°10	23°54	22°16	21°30	7° 0	M17
T 18	4 24 23	5° 7'46	22°25	3°33	11° 9	9°14	23° 9	25°41	20°16	15°45	17°10	23°48	22°13	21°37	7° 2	T 18
W19	4 28 20	6° 8'39	6♌43	5° 7	11°28	9°24	23°22	25°45	20°20	15°43	17°10	23°41	22°10	21°44	7° 5	W19
T 20	4 32 16	7° 9'34	21° 7	6°42	11°44	9°33	23°36	25°49	20°23	15°42	17°10	23°34	22° 7	21°50	7° 8	T 20
F 21	4 36 13	8°10'30	5♌33	8°16	11°58	9°42	23°49	25°53	20°27	15°40	17°10	23°28	22° 4	21°57	7°11	F 21
S 22	4 40 9	9°11'27	19°54	9°50	12°10	9°50	24° 2	25°56	20°31	15°38	17°D10	23°25	22° 1	22° 4	7°14	S 22
S 23	4 44 6	10°12'26	4♌7	11°24	12°19	9°57	24°15	26° 0	20°34	15°37	17°10	23°D23	21°57	22°10	7°17	S 23
M24	4 48 2	11°13'25	18°11	12°59	12°27	10° 3	24°28	26° 4	20°38	15°35	17°10	23°23	21°54	22°17	7°20	M24
T 25	4 51 59	12°14'26	2♌5	14°33	12°32	10° 9	24°41	26° 7	20°41	15°33	17°10	23°24	21°51	22°24	7°23	T 25
W26	4 55 55	13°15'28	15°48	16° 8	12°35	10°14	24°54	26°10	20°45	15°32	17°10	23°25	21°48	22°30	7°26	W26
T 27	4 59 52	14°16'31	29°20	17°42	12°R35	10°19	25° 7	26°14	20°49	15°30	17°10	23°R25	21°45	22°37	7°29	T 27
F 28	5 3 49	15°17'35	12♌42	19°17	12°33	10°22	25°20	26°17	20°52	15°28	17°10	23°23	21°42	22°44	7°33	F 28
S 29	5 7 45	16°18'40	25°54	20°51	12°29	10°25	25°33	26°20	20°56	15°27	17°10	23°19	21°38	22°51	7°36	S 29
S 30	5 11 42	17♌19'45	8♌54	22♌26	12♌22	10♌27	25♌46	26♌23	20♌59	15♌25	17♌10	23♌12	21♌35	22♌57	7♌39	S 30

Delta T = 142.79 sec

Julian Calendar 1 Nov. 1567 == Greg. Calendar 11 Nov. 1567

DECEMBER 1567 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	5 15 38	18♌20'52	21♌42	24♌1	12°R12	10♌29	25♌59	26♌26	21♌3	15°R23	17♌11	23°R 3	21♌32	23♌4	7♌43	M 1
T 2	5 19 35	19°21'59	4♌17	25°36	12♌0	10°R29	26°12	26°29	21° 7	15♌21	17°11	22♌52	21°29	23°11	7°46	T 2
W 3	5 23 31	20°23'07	16°10	27°11	11°46	10°29	26°24	26°32	21°10	15°20	17°11	22°41	21°26	23°17	7°50	W 3
T 4	5 27 28	21°24'15	28°51	28°47	11°29	10°28	26°37	26°34	21°14	15°18	17°11	22°30	21°22	23°24	7°53	T 4
F 5	5 31 24	22°25'23	10♌51	0♌22	11°10	10°26	26°50	26°37	21°18	15°16	17°12	22°20	21°19	23°31	7°57	F 5
S 6	5 35 21	23°26'32	22°45	1°58	10°48	10°24	27° 3	26°39	21°21	15°15	17°12	22°13	21°16	23°38	8° 0	S 6
S 7	5 39 18	24°27'41	4♌34	3°33	10°25	10°20	27°15	26°41	21°25	15°13	17°12	22° 8	21°13	23°44	8° 4	S 7
M 8	5 43 14	25°28'50	16°24	5° 9	9°59	10°16	27°28	26°44	21°28	15°11	17°13	22° 6	21°10	23°51	8° 8	M 8
T 9	5 47 11	26°29'59	28°21	6°45	9°31	10°11	27°40	26°46	21°32	15°10	17°13	22°D 6	21° 7	23°58	8°12	T 9
W10	5 51 7	27°31'08	10♌28	8°21	9° 1	10° 5	27°53	26°48	21°36	15° 8	17°14	22° 6	21° 3	24° 4	8°15	W10
T 11	5 55 4	28°32'17	22°52	9°56	8°30	9°58	28° 5	26°50	21°39	15° 6	17°14	22°R 6	21° 0	24°11	8°19	T 11
F 12	5 59 0	29°33'26	5♌37	11°32	7°57	9°51	28°18	26°51	21°43	15° 5	17°15	22° 6	20°57	24°18	8°23	F 12
S 13	6 2 57	0♌34'36	18°48	13° 8	7°23	9°42	28°30	26°53	21°47	15° 3	17°15	22° 3	20°54	24°24	8°27	S 13
S 14	6 6 53	1°35'45	2♌25	14°43	6°48	9°33	28°42	26°55	21°50	15° 1	17°16	21°57	20°51	24°31	8°31	S 14
M15	6 10 50	2°36'54	16°30	16°18	6°12	9°23	28°54	26°56	21°54	15° 0	17°16	21°49	20°48	24°38	8°35	M15
T 16	6 14 47	3°38'03	0♌58	17°53	5°35	9°12	29° 6	26°57	21°57	14°58	17°17	21°38	20°44	24°45	8°39	T 16
W17	6 18 43	4°39'13	15°43	19°27	4°59	9° 1	29°19	26°59	22° 1	14°57	17°17	21°27	20°41	24°51	8°43	W17
T 18	6 22 40	5°40'22	0♌36	21° 0	4°22	8°48	29°31	27° 0	22° 4	14°55	17°18	21°16	20°38	24°58	8°47	T 18
F 19	6 26 36	6°41'32	15°29	22°32	3°45	8°35	29°43	27° 1	22° 8	14°54	17°19	21° 6	20°35	25° 5	8°51	F 19
S 20	6 30 33	7°42'41	0♌13	24° 4	3° 9	8°21	29°54	27° 2	22°12	14°52	17°19	20°59	20°32	25°11	8°55	S 20
S 21	6 34 29	8°43'51	14°42	25°33	2°34	8° 6	0♌6	27° 3	22°15	14°50	17°20	20°54	20°28	25°18	8°59	S 21
M22	6 38 26	9°45'01	28°53	27° 1	2° 0	7°51	0°18	27° 3	22°19	14°49	17°21	20°53	20°25	25°25	9° 4	M22
T 23	6 42 23	10°46'11	12♌45	28°27	1°27	7°35	0°30	27° 4	22°22	14°47	17°21	20°52	20°22	25°31	9° 8	T 23
W24	6 46 19	11°47'21	26°19	29°51	0°55	7°18	0°41	27° 4	22°26	14°46	17°22	20°52	20°19	25°38	9°12	W24
T 25	6 50 16	12°48'32	9♌36	1♌11	0°25	7° 0	0°53	27° 5	22°29	14°44	17°23	20°51	20°16	25°45	9°16	T 25
F 26	6 54 12	13°49'42	22°38	2°27	29♌57	6°42	1° 5	27° 5	22°33	14°43	17°24	20°48	20°13	25°52	9°21	F 26
S 27	6 58 9	14°50'52	5♌29	3°40	29°31	6°23	1°16	27° 5	22°36	14°42	17°24	20°42	20° 9	25°58	9°25	S 27
S 28	7 2 5	15°52'02	18° 8	4°47	29° 7	6° 3	1°27	27°R 5	22°39	14°40	17°25	20°32	20° 6	26° 5	9°29	S 28
M29	7 6 2	16°53'12	0♌38	5°49	28°45	5°43	1°39	27° 5	22°43	14°39	17°26	20°20	20° 3	26°12	9°34	M29
T 30	7 9 58	17°54'22	12°59	6°44	28°25	5°22	1°50	27° 5	22°46	14°37	17°27	20° 6	20° 0	26°18	9°38	T 30
W31	7 13 55	18♌55'31	25♌10	7♌32	28♌8	5♌1	2♌1	27♌5	22♌50	14♌36	17♌28	19♌51	19♌57	26♌25	9♌42	W31

Delta T = 142.62 sec

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