



Astrodienst Ephemeris Tables for the year 1571

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 1571

geocentric

JANUARY 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	7 18 55	20°12'45"	24°18'33"	2°31'4	6°11'44"	9°11'41"	20°11'24"	3°11'6"	4°11'59"	21°11'26"	20°11'54"	20°11'27"	21°11'51"	28°11'37"	24°11'8"	M 1
T 2	7 22 52	21°13'53"	7°11'43"	3°31'7"	7°31'38"	10°21'28"	20°31'38"	3°9'5"	5°2'21"	21°11'25"	20°51'55"	20°21'28"	21°41'48"	28°41'44"	24°12'12"	T 2
W 3	7 26 48	22°14'59"	20°31'40"	4°51'9"	8°31'32"	11°11'16"	20°51'52"	3°12'5"	5°6'21"	21°21'23"	20°51'56"	20°21'29"	21°41'45"	28°51'24"	24°16'16"	W 3
T 4	7 30 45	23°16'04"	2°11'57"	6°21'27"	9°21'24"	12°31'3"	21°51'5"	3°15'5"	5°9'21"	21°21'22"	20°51'57"	20°21'28"	21°41'41"	28°51'58"	24°19'19"	T 4
F 5	7 34 41	24°17'09"	1°51'9"	7°51'56"	10°11'16"	12°51'51"	21°11'19"	3°18'5"	5°13'21"	21°21'20"	20°51'58"	20°21'27"	21°31'38"	29°41'24"	24°23'23"	F 5
S 6	7 38 38	25°18'12"	2°71'10"	9°21'26"	11°71'7"	13°31'38"	21°31'32"	3°21'5"	5°16'21"	21°11'19"	20°51'59"	20°21'24"	21°31'35"	29°11'24"	24°27'27"	S 6
S 7	7 42 34	26°19'15"	9°11'4	10°51'56"	11°51'57"	14°21'25"	21°41'46"	3°24'5"	5°20'21"	21°11'18"	21°01'0"	20°21'20"	21°31'32"	29°11'18"	24°31'31"	S 7
M 8	7 46 31	27°20'17"	20°51'4	12°21'27"	12°41'47"	15°11'13"	22°01'0"	3°26'5"	5°23'21"	21°11'16"	21°11'1"	20°21'16"	21°21'29"	29°21'24"	24°35'35"	M 8
T 9	7 50 28	28°21'17"	2°51'45"	13°51'59"	13°31'35"	16°01'0"	22°11'14"	3°29'5"	5°27'21"	21°11'15"	21°21'2"	20°21'12"	21°21'26"	29°31'24"	24°38'38"	T 9
W10	7 54 24	29°22'17"	14°31'37"	15°31'15"	14°21'23"	16°41'48"	22°21'28"	3°31'5"	5°30'21"	21°11'14"	21°31'3"	20°21'8"	21°21'22"	29°31'38"	24°42'42"	W10
T 11	7 58 21	0°23'16"	26°31'4	17°41'5"	15°11'10"	17°31'35"	22°41'42"	3°34'5"	5°33'21"	21°11'13"	21°41'4"	20°21'6"	21°11'19"	29°41'44"	24°46'46"	T 11
F 12	8 2 17	1°24'14"	8°11'36"	18°31'38"	15°51'55"	18°21'23"	22°51'55"	3°36'5"	5°37'21"	21°11'11"	21°51'5"	20°21'4"	21°11'16"	29°51'51"	24°50'50"	F 12
S 13	8 6 14	2°25'11"	20°41'6"	20°11'2	16°41'0"	19°11'10"	23°91'9"	3°38'5"	5°40'21"	21°11'10"	21°61'6"	20°21'0"	21°11'13"	29°51'58"	24°54'54"	S 13
S 14	8 10 10	3°26'07"	3°11'5	21°41'7"	17°21'24"	19°51'57"	23°21'23"	3°40'5"	5°43'21"	21°91'9"	21°71'7"	20°21'4"	21°11'10"	0°51'5	24°58'58"	S 14
M15	8 14 7	4°27'02"	15°31'23"	23°21'22"	18°61'6"	20°41'45"	23°31'38"	3°42'5"	5°46'21"	21°81'8"	21°81'8"	20°21'6"	21°61'6"	0°11'25"	25°21'2	M15
T 16	8 18 3	5°27'56"	28°11'18"	24°51'59"	18°41'47"	21°31'32"	23°51'52"	3°44'5"	5°50'21"	21°71'7"	21°91'9"	20°21'7"	21°31'3"	0°18'25"	25°61'6"	T 16
W17	8 22 0	6°28'50"	11°11'16"	26°31'36"	19°21'28"	22°21'20"	24°61'6"	3°46'5"	5°53'21"	21°61'6"	21°10'10"	20°21'8"	21°01'0"	0°25'25"	25°10'10"	W17
T 18	8 25 57	7°29'42"	24°31'32"	28°11'13"	20°71'7"	23°71'23"	24°21'20"	3°47'5"	5°56'21"	21°41'4"	21°11'11"	20°21'9"	20°51'57"	0°31'25"	25°14'14"	T 18
F 19	8 29 53	8°30'34"	8°11'7	29°51'52"	20°41'4	23°51'55"	24°31'34"	3°49'5"	5°59'21"	21°31'3"	21°13'13"	20°21'9"	20°51'54"	0°38'28"	25°18'18"	F 19
S 20	8 33 50	9°31'25"	2°21'3	1°31'31"	21°21'21"	24°41'42"	24°41'48"	3°50'5"	6°21'2"	21°21'2"	21°14'14"	20°21'9"	20°51'51"	0°45'25"	25°22'22"	S 20
S 21	8 37 46	10°32'15"	6°11'18"	3°10'10"	21°51'56"	25°21'29"	25°21'2"	3°51'5"	6°61'6"	21°11'1"	21°15'15"	20°21'8"	20°41'47"	0°51'25"	25°26'26"	S 21
M22	8 41 43	11°33'04"	20°51'4	4°51'22"	22°21'29"	26°11'17"	25°11'17"	3°53'5"	6°91'9"	21°01'0"	21°16'16"	20°21'7"	20°41'44"	0°58'25"	25°30'30"	M22
T 23	8 45 39	12°33'52"	5°31'37"	6°31'33"	23°11'1	27°41'25"	25°31'34"	3°54'5"	6°12'20"	20°51'9"	21°17'17"	20°21'6"	20°41'41"	1°51'5	25°34'34"	T 23
W24	8 49 36	13°34'39"	20°31'3	8°11'23"	23°31'32"	27°51'45"	25°41'55"	3°55'5"	6°15'20"	20°51'9"	21°19'19"	20°21'6"	20°31'38"	1°11'25"	25°38'38"	W24
T 25	8 53 33	14°35'25"	5°31'24"	9°51'58"	24°11'28"	28°31'39"	26°01'0"	3°56'5"	6°18'20"	20°51'8"	21°20'20"	20°21'5"	20°31'35"	1°18'25"	25°42'25"	T 25
F 26	8 57 29	15°36'10"	20°91'9"	11°41'22"	24°21'28"	29°21'26"	26°11'14"	3°56'5"	6°21'20"	20°51'7"	21°21'21"	20°21'5"	20°31'32"	1°25'25"	25°47'47"	F 26
S 27	9 1 26	16°36'53"	4°11'38"	13°21'26"	24°51'54"	0°11'14"	26°21'28"	3°57'5"	6°24'20"	20°51'6"	21°22'22"	20°21'5"	20°21'28"	1°32'25"	25°51'51"	S 27
S 28	9 5 22	17°37'34"	18°41'6"	15°11'2	25°11'17"	1°11'1	26°41'43"	3°58'5"	6°27'20"	20°51'55"	21°24'24"	20°21'5"	20°21'25"	1°38'25"	25°55'55"	S 28
M29	9 9 19	18°38'14"	2°11'30"	16°51'58"	25°31'39"	1°41'8"	26°51'57"	3°58'5"	6°30'20"	20°51'54"	21°25'25"	20°21'6"	20°21'22"	1°45'25"	25°59'59"	M29
T 30	9 13 15	19°38'53"	15°41'38"	18°41'45"	25°51'59"	2°31'36"	27°11'12"	3°58'5"	6°33'20"	20°51'54"	21°26'26"	20°21'6"	20°11'19"	1°52'26"	26°31'3	T 30
W31	9 17 12	20°39'29"	28°11'42"	20°31'33"	26°11'17"	3°11'23"	27°21'26"	3°11'59"	6°35'20"	20°11'53"	21°11'28"	20°11'6"	20°11'16"	1°58'26"	26°71'7"	W31

Delta T = 136.62 sec

Julian Calendar 1 Jan. 1571 == Greg. Calendar 11 Jan. 1571

FEBRUARY 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	9 21 8	21°40'04	11°15	22°22	26°33	4°10	27°40	3°59	6°38	20°R52	21°29	20°R 6	20°12	2°5	26°11	T 1
F 2	9 25 5	22°40'37	23°30	24°12	26°47	4°57	27°55	3°R59	6°41	20°II52	21°30	20°D 6	20° 9	2°12	26°16	F 2
S 3	9 29 1	23°41'08	5°II32	26° 2	26°58	5°45	28° 9	3°59	6°44	20°51	21°32	20°Ω 6	20° 6	2°18	26°20	S 3
S 4	9 32 58	24°41'37	17°26	27°53	27° 8	6°32	28°24	3°59	6°46	20°51	21°33	20° 6	20° 3	2°25	26°24	S 4
M 5	9 36 55	25°42'05	29°16	29°45	27°15	7°19	28°38	3°58	6°49	20°50	21°35	20° 6	20° 0	2°32	26°28	M 5
T 6	9 40 51	26°42'30	11°36	1°37	27°19	8° 6	28°53	3°58	6°52	20°50	21°36	20° 7	19°57	2°38	26°32	T 6
W 7	9 44 48	27°42'54	23° 1	3°30	27°R22	8°53	29° 7	3°58	6°54	20°49	21°37	20° 8	19°53	2°45	26°36	W 7
T 8	9 48 44	28°43'16	5°Ω 3	5°23	27°22	9°40	29°22	3°57	6°57	20°49	21°39	20° 9	19°50	2°52	26°41	T 8
F 9	9 52 41	29°43'36	17°15	7°16	27°19	10°27	29°36	3°56	6°59	20°48	21°40	20°R 9	19°47	2°58	26°45	F 9
S 10	9 56 37	0°43'54	29°39	9° 9	27°14	11°15	29°51	3°56	7° 2	20°48	21°42	20° 9	19°44	3° 5	26°49	S 10
S 11	10 0 34	1°44'11	12°17	11° 3	27° 6	12° 2	0°15	3°55	7° 4	20°48	21°43	20° 8	19°41	3°12	26°53	S 11
M12	10 4 30	2°44'25	2°57	12°56	26°56	12°49	0°20	3°54	7° 7	20°47	21°44	20° 7	19°38	3°19	26°57	M12
T 13	10 8 27	3°44'39	8°12	14°48	26°43	13°36	0°34	3°53	7° 9	20°47	21°46	20° 5	19°34	3°25	27° 1	T 13
W14	10 12 24	4°44'50	21°30	16°39	26°28	14°23	0°49	3°51	7°11	20°47	21°47	20° 3	19°31	3°32	27° 5	W14
T 15	10 16 20	5°45'00	5°11	18°29	26°10	15° 9	1° 3	3°50	7°14	20°46	21°49	20° 1	19°28	3°39	27°10	T 15
F 16	10 20 17	6°45'08	18°44	20°18	25°50	15°56	1°17	3°49	7°16	20°46	21°50	19°59	19°25	3°45	27°14	F 16
S 17	10 24 13	7°45'15	2°139	22° 4	25°27	16°43	1°32	3°47	7°18	20°46	21°52	19°D59	19°22	3°52	27°18	S 17
S 18	10 28 10	8°45'20	16°45	23°48	25° 3	17°30	1°46	3°46	7°20	20°46	21°53	19°59	19°18	3°59	27°22	S 18
M19	10 32 6	9°45'24	1°30	25°28	24°36	18°17	2° 1	3°44	7°22	20°46	21°55	20° 0	19°15	4° 5	27°26	M19
T 20	10 36 3	10°45'26	1°522	27° 5	24° 7	19° 4	2°15	3°42	7°25	20°D46	21°56	20° 1	19°12	4°12	27°30	T 20
W21	10 39 59	11°45'26	29°28	28°38	23°37	19°51	2°30	3°40	7°27	20°46	21°58	20° 2	19° 9	4°19	27°34	W21
T 22	10 43 56	12°45'25	14°14	0°16	23° 5	20°37	2°44	3°38	7°29	20°46	21°59	20°R 3	19° 6	4°25	27°38	T 22
F 23	10 47 53	13°45'22	28°34	1°29	22°31	21°24	2°58	3°36	7°30	20°46	22° 1	20° 3	19° 3	4°32	27°42	F 23
S 24	10 51 49	14°45'17	12°145	2°46	21°56	22°11	3°13	3°34	7°32	20°46	22° 2	20° 2	18°59	4°39	27°46	S 24
S 25	10 55 46	15°45'10	26°41	3°57	21°20	22°57	3°27	3°32	7°34	20°46	22° 4	19°59	18°56	4°45	27°50	S 25
M26	10 59 42	16°45'01	10°118	5° 1	20°44	23°44	3°41	3°30	7°36	20°46	22° 5	19°55	18°53	4°52	27°54	M26
T 27	11 3 39	17°44'50	23°35	5°58	20° 6	24°31	3°56	3°27	7°38	20°47	22° 7	19°51	18°50	4°59	27°58	T 27
W28	11 7 35	18°44'36	6°31	6°148	19°129	25°117	4°110	3°125	7°340	20°II47	22°18	19°Ω46	18°Ω47	5°35	28°22	W28

ASTRODIENST EPHEMERIS for the year 1571

geocentric

MARCH 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 11 32	19°44'21	19°8'7	7°29	18°R51	26°4	4°24	3°R22	7°41	20°II47	22°10	19°R42	18°Ω43	5°52	28°6	T 1
F 2	11 15 28	20°44'03	1°II25	8°3	18°R13	26°50	4°38	3°R19	7°43	20°48	22°11	19°Ω39	18°40	5°19	28°10	F 2
S 3	11 19 25	21°43'43	13°29	8°29	17°36	27°37	4°52	3°17	7°44	20°48	22°13	19°37	18°37	5°25	28°14	S 3
S 4	11 23 22	22°43'21	25°24	8°47	17°0	28°23	5°7	3°14	7°46	20°48	22°15	19°D37	18°34	5°32	28°18	S 4
M 5	11 27 18	23°42'56	7°52	8°56	16°24	29°9	5°21	3°11	7°47	20°49	22°16	19°38	18°31	5°39	28°22	M 5
T 6	11 31 15	24°42'29	19°5	8°R57	15°50	29°56	5°35	3°8	7°49	20°49	22°18	19°39	18°28	5°46	28°26	T 6
W 7	11 35 11	25°42'00	1°Ω1	8°50	15°17	0°Y42	5°49	3°5	7°50	20°50	22°19	19°41	18°24	5°52	28°29	W 7
T 8	11 39 8	26°41'29	13°8	8°36	14°45	1°28	6°3	3°2	7°52	20°50	22°21	19°42	18°21	5°59	28°33	T 8
F 9	11 43 4	27°40'55	25°28	8°14	14°15	2°14	6°17	2°59	7°53	20°51	22°22	19°R42	18°18	6°6	28°37	F 9
S 10	11 47 1	28°40'19	8°II4	7°46	13°47	3°1	6°31	2°55	7°54	20°51	22°24	19°41	18°15	6°12	28°41	S 10
S 11	11 50 57	29°39'41	20°59	7°12	13°21	3°47	6°45	2°52	7°55	20°52	22°25	19°37	18°12	6°19	28°44	S 11
M12	11 54 54	0°Y39'00	4°II12	6°33	12°58	4°33	6°59	2°48	7°56	20°52	22°27	19°32	18°9	6°26	28°48	M12
T 13	11 58 50	1°38'18	17°42	5°50	12°36	5°19	7°12	2°45	7°58	20°53	22°28	19°25	18°5	6°32	28°52	T 13
W14	12 2 47	2°37'34	1°II27	5°4	12°17	6°5	7°26	2°41	7°59	20°54	22°30	19°18	18°2	6°39	28°55	W14
T 15	12 6 44	3°36'48	15°23	4°15	12°0	6°51	7°40	2°38	8°0	20°55	22°31	19°11	17°59	6°46	28°59	T 15
F 16	12 10 40	4°36'00	29°27	3°25	11°46	7°37	7°54	2°34	8°1	20°55	22°33	19°5	17°56	6°52	29°2	F 16
S 17	12 14 37	5°35'10	13°II35	2°35	11°34	8°22	8°7	2°30	8°1	20°56	22°34	19°1	17°53	6°59	29°6	S 17
S 18	12 18 33	6°34'18	27°45	1°46	11°24	9°8	8°21	2°26	8°2	20°57	22°36	18°59	17°49	7°6	29°9	S 18
M19	12 22 30	7°33'25	11°II35	0°58	11°18	9°54	8°35	2°23	8°3	20°58	22°37	18°D59	17°46	7°12	29°13	M19
T 20	12 26 26	8°32'30	26°2	0°13	11°13	10°40	8°48	2°19	8°4	20°59	22°39	19°0	17°43	7°19	29°16	T 20
W21	12 30 23	9°31'33	10°II6	29°X31	11°D11	11°26	9°2	2°15	8°5	21°0	22°40	19°1	17°40	7°26	29°20	W21
T 22	12 34 19	10°30'35	24°5	28°53	11°12	12°11	9°15	2°11	8°5	21°1	22°42	19°R1	17°37	7°32	29°23	T 22
F 23	12 38 16	11°29'34	7°X58	28°19	11°14	12°57	9°28	2°7	8°6	21°2	22°43	18°59	17°34	7°39	29°27	F 23
S 24	12 42 13	12°28'32	21°42	27°50	11°19	13°42	9°42	2°2	8°6	21°3	22°45	18°56	17°30	7°46	29°30	S 24
S 25	12 46 9	13°27'28	5°Y16	27°26	11°27	14°28	9°55	1°58	8°7	21°4	22°46	18°49	17°27	7°52	29°33	S 25
M26	12 50 6	14°26'21	18°36	27°8	11°36	15°13	10°8	1°54	8°7	21°5	22°47	18°41	17°24	7°59	29°36	M26
T 27	12 54 2	15°25'13	1°X41	26°54	11°48	15°59	10°21	1°50	8°8	21°6	22°49	18°31	17°21	8°6	29°39	T 27
W28	12 57 59	16°24'03	14°29	26°46	12°2	16°44	10°34	1°46	8°8	21°7	22°50	18°20	17°18	8°12	29°43	W28
T 29	13 1 55	17°22'50	27°0	26°D44	12°17	17°29	10°47	1°41	8°8	21°8	22°52	18°10	17°14	8°19	29°46	T 29
F 30	13 5 52	18°21'35	9°II17	26°46	12°35	18°15	11°0	1°37	8°8	21°9	22°53	18°2	17°11	8°26	29°49	F 30
S 31	13 9 48	19°Y20'19	21°II20	26°X54	12°X55	19°Y0	11°X13	1°II33	8°9	21°II11	22°X54	17°Ω56	17°Ω8	8°532	29°X52	S 31

Delta T = 136.31 sec

Julian Calendar 1 March 1571 == Greg. Calendar 11 March 1571

APRIL 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 13 45	20°Y18'59	3°514	27°X7	13°X16	19°Y45	11°X26	1°R28	8°9	21°II12	22°X56	17°R52	17°Ω5	8°539	29°X58	S 1
M 2	13 17 42	21°17'38	15°4	27°24	13°39	20°30	11°39	1°II24	8°9	21°13	22°57	17°Ω50	17°2	8°46	29°55	M 2
T 3	13 21 38	22°16'15	26°55	27°46	14°4	21°15	11°52	1°19	8°R9	21°14	22°59	17°D50	16°59	8°52	0°X1	T 3
W 4	13 25 35	23°14'49	8°Ω51	28°13	14°31	22°0	12°4	1°15	8°9	21°16	23°0	17°51	16°55	8°59	0°4	W 4
T 5	13 29 31	24°13'21	20°58	28°44	14°59	22°45	12°17	1°10	8°9	21°17	23°1	17°R51	16°52	9°6	0°6	T 5
F 6	13 33 28	25°11'51	3°II22	29°19	15°28	23°30	12°29	1°6	8°9	21°19	23°3	17°50	16°49	9°13	0°9	F 6
S 7	13 37 24	26°10'19	16°5	29°58	15°59	24°15	12°42	1°1	8°8	21°20	23°4	17°47	16°46	9°19	0°12	S 7
S 8	13 41 21	27°8'44	29°12	0°Y40	16°32	25°0	12°54	0°57	8°8	21°21	23°5	17°41	16°43	9°26	0°15	S 8
M 9	13 45 17	28°7'08	12°II42	1°27	17°6	25°45	13°6	0°52	8°8	21°23	23°7	17°33	16°40	9°33	0°17	M 9
T 10	13 49 14	29°5'29	26°34	2°16	17°41	26°30	13°19	0°48	8°8	21°24	23°8	17°23	16°36	9°39	0°20	T 10
W11	13 53 10	0°X349	10°II45	3°9	18°17	27°14	13°31	0°43	8°7	21°26	23°9	17°12	16°33	9°46	0°22	W11
T 12	13 57 7	1°2'07	25°9	4°5	18°55	27°59	13°43	0°39	8°7	21°27	23°10	17°1	16°30	9°53	0°25	T 12
F 13	14 1 4	2°0'24	9°X39	5°5	19°34	28°43	13°55	0°34	8°6	21°29	23°12	16°51	16°27	9°59	0°27	F 13
S 14	14 5 0	2°58'38	24°10	6°7	20°14	29°28	14°7	0°29	8°6	21°31	23°13	16°44	16°24	10°6	0°30	S 14
S 15	14 8 57	3°56'52	8°X36	7°11	20°55	0°X12	14°18	0°25	8°5	21°32	23°14	16°40	16°20	10°13	0°32	S 15
M16	14 12 53	4°55'04	22°52	8°19	21°37	0°57	14°30	0°20	8°5	21°34	23°15	16°38	16°17	10°19	0°34	M16
T 17	14 16 50	5°53'14	6°X58	9°29	22°20	1°41	14°42	0°16	8°4	21°36	23°16	16°D38	16°14	10°26	0°37	T 17
W18	14 20 46	6°51'23	20°52	10°41	23°4	2°26	14°53	0°11	8°3	21°37	23°18	16°R38	16°11	10°33	0°39	W18
T 19	14 24 43	7°49'30	4°X34	11°56	23°49	3°10	15°5	0°7	8°2	21°39	23°19	16°37	16°8	10°39	0°41	T 19
F 20	14 28 39	8°47'36	18°6	13°14	24°35	3°54	15°16	0°2	8°2	21°41	23°20	16°34	16°5	10°46	0°43	F 20
S 21	14 32 36	9°45'41	1°Y27	14°33	25°21	4°38	15°27	29°X58	8°1	21°42	23°21	16°28	16°1	10°53	0°45	S 21
S 22	14 36 33	10°43'44	14°37	15°55	26°9	5°22	15°38	29°53	8°0	21°44	23°22	16°20	15°58	10°59	0°47	S 22
M23	14 40 29	11°41'45	27°35	17°19	26°57	6°6	15°49	29°49	7°59	21°46	23°23	16°9	15°55	11°6	0°49	M23
T 24	14 44 26	12°39'45	10°X22	18°46	27°46	6°50	16°0	29°45	7°58	21°48	23°24	15°56	15°52	11°13	0°51	T 24
W25	14 48 22	13°37'44	22°55	20°14	28°36	7°34	16°11	29°40	7°57	21°50	23°25	15°42	15°49	11°19	0°53	W25
T 26	14 52 19	14°35'41	5°II17	21°45	29°26	8°18	16°22	29°36	7°56	21°51	23°26	15°30	15°46	11°26	0°55	T 26
F 27	14 56 15	15°33'36	17°26	23°17	0°Y17	9°2	16°33	29°32	7°55	21°53	23°28	15°18	15°42	11°33	0°56	F 27
S 28	15 0 12	16°31'29	29°25	24°52	1°9	9°46	16°43	29°27	7°53	21°55	23°29	15°9	15°39	11°39	0°58	S 28
S 29	15 4 8	17°29'21	11°517	26°29	2°1	10°30	16°54	29°23	7°52	21°57	23°30	15°3	15°36	11°46	1°0	S 29
M30	15 8 5	18°X27'11	23°5	28°Y8	2°Y54	11°X13	17°X4	29°X19	7°51	21°II59	23°X30	15°Ω0	15°Ω33	11°53	1°X1	M30

Delta T = 136.15 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1571

geocentric

MAY 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	15 12 2	19°8'25"00	4°8'54"	29°49'	3°47'	11°57'	17°14'	29°R15	7°R50	22°II 1	23°K31	14°R59	15°Ω30	11°Ω59	1°K 3	T 1
W 2	15 15 58	20°22'47"	16°49'	1°33'	4°41'	12°41'	17°24'	29°Ω11	7°Ω48	22° 3	23°32	14°Ω58	15°26	12° 6	1° 4	W 2
T 3	15 19 55	21°20'32"	28°55'	3°18'	5°35'	13°24'	17°34'	29° 7	7°47'	22° 5	23°33	14°58	15°23	12°13	1° 5	T 3
F 4	15 23 51	22°18'15"	11°18'18"	5° 5'	6°30'	14° 8'	17°44'	29° 3	7°46	22° 7	23°34	14°57	15°20	12°19	1° 7	F 4
S 5	15 27 48	23°15'57"	24° 3'	6°55'	7°26'	14°51'	17°54'	28°59	7°44	22° 9	23°35	14°54	15°17	12°26	1° 8	S 5
S 6	15 31 44	24°13'37"	7°Δ13	8°46'	8°22'	15°34'	18° 4'	28°55	7°43	22°11	23°36	14°49	15°14	12°33	1° 9	S 6
M 7	15 35 41	25°11'16"	20°51'	10°40'	9°18'	16°18'	18°13'	28°51	7°41	22°13	23°37	14°41	15°11	12°39	1°10	M 7
T 8	15 39 37	26° 8'53"	4°18'55"	12°36'	10°15'	17° 1'	18°23'	28°47	7°39	22°15	23°38	14°31	15° 7	12°46	1°12	T 8
W 9	15 43 34	27° 6'29"	19°23'	14°33'	11°12'	17°44'	18°32'	28°43	7°38	22°17	23°38	14°20	15° 4	12°53	1°13	W 9
T 10	15 47 31	28° 4'03"	4°K 8	16°33'	12°10'	18°27'	18°41'	28°40	7°36	22°19	23°39	14° 9	15° 1	12°59	1°14	T 10
F 11	15 51 27	29° 1'37"	19° 3'	18°34'	13° 8'	19°10'	18°50'	28°36	7°34	22°21	23°40	14° 0	14°58	13° 6	1°15	F 11
S 12	15 55 24	29°59'09"	3°Ω57	20°38'	14° 7'	19°53'	18°59'	28°33	7°33	22°23	23°41	13°53	14°55	13°13	1°15	S 12
S 13	15 59 20	0°II56'41"	18°44'	22°43'	15° 6'	20°36'	19° 8'	28°29	7°31	22°25	23°41	13°49	14°52	13°19	1°16	S 13
M14	16 3 17	1°54'11"	3°Δ16	24°49'	16° 5'	21°19'	19°17'	28°26	7°29	22°27	23°42	13°47	14°48	13°26	1°17	M14
T 15	16 7 13	2°51'41"	17°31'	26°57'	17° 4'	22° 2'	19°25'	28°22	7°27	22°30	23°43	13°D46	14°45	13°33	1°18	T 15
W16	16 11 10	3°49'10"	1°K27	29° 7'	18° 4'	22°45'	19°34'	28°19	7°26	22°32	23°44	13°R47	14°42	13°39	1°18	W16
T 17	16 15 6	4°46'38"	15° 5'	1°II17	19° 5'	23°28'	19°42'	28°16	7°24	22°34	23°44	13°46	14°39	13°46	1°19	T 17
F 18	16 19 3	5°44'05"	28°26'	3°28'	20° 5'	24°11'	19°50'	28°13	7°22	22°36	23°45	13°44	14°36	13°53	1°19	F 18
S 19	16 23 0	6°41'32"	11°V32	5°40'	21° 6'	24°53'	19°58'	28°10	7°20	22°38	23°45	13°40	14°32	13°59	1°20	S 19
S 20	16 26 56	7°38'58"	24°24'	7°52'	22° 7'	25°36'	20° 6'	28° 7	7°18	22°40	23°46	13°33	14°29	14° 6	1°20	S 20
M21	16 30 53	8°36'23"	7°K 4	10° 4'	23° 9'	26°19'	20°14'	28° 4	7°16	22°43	23°47	13°23	14°26	14°13	1°21	M21
T 22	16 34 49	9°33'48"	19°32'	12°16'	24°11'	27° 1'	20°21'	28° 1	7°14	22°45	23°47	13°13	14°23	14°19	1°21	T 22
W23	16 38 46	10°31'11"	1°II51	14°27'	25°13'	27°44'	20°29'	27°58	7°12	22°47	23°48	13° 1	14°20	14°26	1°21	W23
T 24	16 42 42	11°28'34"	14° 0'	16°38'	26°15'	28°26'	20°36'	27°55	7°10	22°49	23°48	12°50	14°17	14°33	1°21	T 24
F 25	16 46 39	12°25'57"	26° 0'	18°47'	27°17'	29° 8'	20°43'	27°53	7° 8	22°51	23°49	12°40	14°13	14°39	1°21	F 25
S 26	16 50 35	13°23'18"	7°Ω54	20°55'	28°20'	29°51'	20°50'	27°50	7° 5	22°53	23°49	12°33	14°10	14°46	1°R22	S 26
S 27	16 54 32	14°20'39"	19°42'	23° 2'	29°23'	0°II33	20°57'	27°48	7° 3	22°56	23°50	12°28	14° 7	14°53	1°22	S 27
M28	16 58 29	15°17'58"	1°Ω29	25° 7'	0°K26	1°15'	21° 4'	27°46	7° 1	22°58	23°50	12°25	14° 4	14°59	1°21	M28
T 29	17 2 25	16°15'17"	13°18'	27°11'	1°30'	1°57'	21°10'	27°43	6°59	23° 0	23°50	12°D25	14° 1	15° 6	1°21	T 29
W30	17 6 22	17°12'35"	25°12'	29°12'	2°34'	2°39'	21°16'	27°41	6°57	23° 2	23°51	12°25	13°57	15°13	1°21	W30
T 31	17 10 18	18°II 9'52"	7°18'	1°Ω12	3°K37	3°II21	21°K23	27°Ω39	6°Ω54	23°II 5	23°K51	12°Ω26	13°Ω54	15°Ω19	1°K21	T 31

Delta T = 135.99 sec

Julian Calendar 1 May 1571 == Greg. Calendar 11 May 1571

JUNE 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	17 14 15	19°II 7'08"	19°18'39"	3°Ω 9'	4°K41	4°II 3	21°K29	27°R37	6°R52	23°II 7	23°K51	12°R27	13°Ω51	15°Ω26	1°R21	F 1
S 2	17 18 11	20° 4'23"	2°Δ21	5° 4'	5°46'	4°45'	21°35'	27°Ω35	6°Ω50	23° 9	23°52	12°Ω26	13°48	15°33	1°K20	S 2
S 3	17 22 8	21° 1'38"	15°29'	6°57'	6°50'	5°27'	21°40'	27°33	6°48	23°11	23°52	12°23	13°45	15°39	1°20	S 3
M 4	17 26 4	21°58'51"	29° 5'	8°48'	7°55'	6° 9'	21°46'	27°32	6°45	23°14	23°52	12°19	13°42	15°46	1°19	M 4
T 5	17 30 1	22°56'04"	13°18'10"	10°36'	9° 0'	6°51'	21°51'	27°30	6°43	23°16	23°52	12°13	13°38	15°53	1°19	T 5
W 6	17 33 58	23°53'17"	27°41'	12°23'	10° 5'	7°33'	21°57'	27°28	6°41	23°18	23°53	12° 6	13°35	15°59	1°18	W 6
T 7	17 37 54	24°50'29"	12°K35	14° 6'	11°10'	8°14'	22° 2'	27°27	6°38	23°20	23°53	11°58	13°32	16° 6	1°17	T 7
F 8	17 41 51	25°47'40"	27°42'	15°48'	12°15'	8°56'	22° 6'	27°26	6°36	23°22	23°53	11°52	13°29	16°13	1°17	F 8
S 9	17 45 47	26°44'52"	12°Ω52	17°27'	13°21'	9°37'	22°11'	27°24	6°34	23°25	23°53	11°48	13°26	16°19	1°16	S 9
S 10	17 49 44	27°42'03"	27°57'	19° 4'	14°27'	10°19'	22°16'	27°23	6°31	23°27	23°53	11°45	13°23	16°26	1°15	S 10
M11	17 53 40	28°39'14"	12°Δ47	20°39'	15°33'	11° 0'	22°20'	27°22	6°29	23°29	23°53	11°D44	13°19	16°33	1°14	M11
T 12	17 57 37	29°36'24"	27°17'	22°11'	16°39'	11°42'	22°24'	27°21	6°26	23°31	23°53	11°45	13°16	16°39	1°13	T 12
W13	18 1 34	0°Ω33'35"	11°K24	23°41'	17°45'	12°23'	22°28'	27°20	6°24	23°34	23°53	11°46	13°13	16°46	1°12	W13
T 14	18 5 30	1°30'46"	25° 7'	25° 8'	18°51'	13° 4'	22°32'	27°19	6°22	23°36	23°53	11°47	13°10	16°53	1°11	T 14
F 15	18 9 27	2°27'57"	8°V27	26°33'	19°58'	13°46'	22°36'	27°19	6°19	23°38	23°R53	11°R47	13° 7	16°59	1°10	F 15
S 16	18 13 23	3°25'09"	21°27'	27°56'	21° 4'	14°27'	22°39'	27°18	6°17	23°40	23°53	11°46	13° 3	17° 6	1° 9	S 16
S 17	18 17 20	4°22'20"	4°K10	29°16'	22°11'	15° 8'	22°43'	27°18	6°14	23°43	23°53	11°43	13° 0	17°13	1° 8	S 17
M18	18 21 16	5°19'32"	16°38'	0°Ω33	23°18'	15°49'	22°46'	27°17	6°12	23°45	23°53	11°38	12°57	17°19	1° 6	M18
T 19	18 25 13	6°16'44"	28°54'	1°48'	24°25'	16°30'	22°49'	27°17	6° 9	23°47	23°53	11°32	12°54	17°26	1° 5	T 19
W20	18 29 9	7°13'56"	11°II 0	3° 1'	25°32'	17°11'	22°51'	27°17	6° 7	23°49	23°53	11°26	12°51	17°33	1° 4	W20
T 21	18 33 6	8°11'08"	22°58'	4°10'	26°40'	17°52'	22°54'	27°17	6° 5	23°51	23°53	11°20	12°48	17°39	1° 2	T 21
F 22	18 37 3	9° 8'21"	4°Ω51	5°17'	27°47'	18°33'	22°56'	27°D17	6° 2	23°53	23°53	11°15	12°44	17°46	1° 1	F 22
S 23	18 40 59	10° 5'33"	16°40'	6°21'	28°55'	19°14'	22°59'	27°17	6° 0	23°56	23°53	11°12	12°41	17°52	0°59	S 23
S 24	18 44 56	11° 2'46"	28°27'	7°23'	0°II 3	19°55'	23° 1'	27°17	5°57	23°58	23°52	11° 9	12°38	17°59	0°58	S 24
M25	18 48 52	11°59'59"	10°Ω15	8°21'	1°10'	20°36'	23° 2'	27°17	5°55	24° 0	23°52	11°D 9	12°35	18° 6	0°56	M25
T 26	18 52 49	12°57'12"	22° 7'	9°15'	2°18'	21°16'	23° 4'	27°18	5°53	24° 2	23°52	11° 9	12°32	18°12	0°54	T 26
W27	18 56 45	13°54'25"	4°18' 5	10° 7'	3°26'	21°57'	23° 5'	27°18	5°50	24° 4	23°52	11°10	12°29	18°19	0°53	W27
T 28	19 0 42	14°51'38"	16°13'	10°55'	4°35'	22°38'	23° 7'	27°19	5°48	24° 6	23°51	11°12	12°25	18°26	0°51	T 28
F 29	19 4 38	15°48'51"	28°36'	11°40'	5°43'	23°18'	23° 8'	27°19	5°45	24° 8	23°51	11°14	12°22	18°32	0°49	F 29
S 30	19 8 35	16°Ω46'04"	11°Δ17	12°Ω21	6°II51	23°II59	23°K 8	27°Ω20	5°Ω43	24°II11	23°K51	11°R14	12°Ω19	18°Ω39	0°K47	S 30

Delta T = 135.83 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1571
geocentric

JULY 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 12 32	17 ⁵ 43'18	24 ⁴ 21	12 ⁵ 58	8 ^{II} 0	24 ^{II} 39	23 ^{II} 9	27 ⁴ 21	5 ^R 41	24 ^{II} 13	23 ^R 50	11 ^R 14	12 ^{II} 16	18 ⁵ 46	0 ^R 45	S 1
M 2	19 16 28	18 ⁰ 40'31	7 ^{II} 51	13 ⁰ 32	9 ⁰ 8	25 ¹ 19	23 ⁰ 9	27 ⁰ 22	5 ³ 38	24 ¹ 15	23 ^{II} 50	11 ^{II} 13	12 ⁰ 13	18 ⁰ 52	0 ^{II} 43	M 2
T 3	19 20 25	19 ⁰ 37'45	21 ⁴ 48	14 ⁰ 1	10 ⁰ 17	26 ⁰ 0	23 ⁰ 10	27 ⁰ 23	5 ⁰ 36	24 ⁰ 17	23 ⁰ 50	11 ⁰ 11	12 ⁰ 9	18 ⁰ 59	0 ⁰ 41	T 3
W 4	19 24 21	20 ⁰ 34'59	6 ^{II} 12	14 ⁰ 26	11 ⁰ 26	26 ⁰ 40	23 ^R 10	27 ⁰ 24	5 ⁰ 34	24 ⁰ 19	23 ⁰ 49	11 ⁰ 9	12 ⁰ 6	19 ⁰ 6	0 ⁰ 39	W 4
T 5	19 28 18	21 ⁰ 32'13	20 ⁰ 59	14 ⁰ 46	12 ⁰ 35	27 ⁰ 20	23 ⁰ 10	27 ⁰ 26	5 ⁰ 31	24 ⁰ 21	23 ⁰ 49	11 ⁰ 6	12 ⁰ 3	19 ⁰ 12	0 ⁰ 37	T 5
F 6	19 32 14	22 ⁰ 29'28	6 ³ 3	15 ⁰ 2	13 ⁰ 44	28 ⁰ 1	23 ⁰ 9	27 ⁰ 27	5 ⁰ 29	24 ⁰ 23	23 ⁰ 48	11 ⁰ 4	12 ⁰ 0	19 ⁰ 19	0 ⁰ 35	F 6
S 7	19 36 11	23 ⁰ 26'43	21 ⁰ 15	15 ⁰ 13	14 ⁰ 53	28 ⁰ 41	23 ⁰ 9	27 ⁰ 28	5 ⁰ 27	24 ⁰ 25	23 ⁰ 48	11 ⁰ 3	11 ⁰ 57	19 ⁰ 26	0 ⁰ 33	S 7
S 8	19 40 7	24 ⁰ 23'58	6 ^{II} 27	15 ⁰ 20	16 ⁰ 2	29 ⁰ 21	23 ⁰ 8	27 ⁰ 30	5 ⁰ 25	24 ⁰ 27	23 ⁰ 47	11 ^D 2	11 ⁰ 54	19 ⁰ 32	0 ⁰ 30	S 8
M 9	19 44 4	25 ⁰ 21'15	21 ⁰ 28	15 ^R 21	17 ⁰ 11	0 ⁰ 1	23 ⁰ 7	27 ⁰ 32	5 ⁰ 22	24 ⁰ 29	23 ⁰ 47	11 ⁰ 2	11 ⁰ 50	19 ⁰ 39	0 ⁰ 28	M 9
T 10	19 48 1	26 ⁰ 18'32	6 ^{II} 10	15 ⁰ 18	18 ⁰ 21	0 ⁰ 41	23 ⁰ 6	27 ⁰ 33	5 ⁰ 20	24 ⁰ 31	23 ⁰ 46	11 ⁰ 3	11 ⁰ 47	19 ⁰ 46	0 ⁰ 26	T 10
W 11	19 51 57	27 ⁰ 15'50	20 ⁰ 29	15 ⁰ 9	19 ⁰ 30	1 ⁰ 21	23 ⁰ 5	27 ⁰ 35	5 ⁰ 18	24 ⁰ 33	23 ⁰ 46	11 ⁰ 4	11 ⁰ 44	19 ⁰ 52	0 ⁰ 24	W 11
T 12	19 55 54	28 ⁰ 13'09	4 ^{II} 22	14 ⁰ 56	20 ⁰ 40	2 ⁰ 1	23 ⁰ 3	27 ⁰ 37	5 ⁰ 16	24 ⁰ 35	23 ⁰ 45	11 ⁰ 5	11 ⁰ 41	19 ⁰ 59	0 ⁰ 21	T 12
F 13	19 59 50	29 ⁰ 10'29	17 ⁰ 48	14 ⁰ 37	21 ⁰ 49	2 ⁰ 41	23 ⁰ 1	27 ⁰ 39	5 ⁰ 14	24 ⁰ 37	23 ⁰ 45	11 ⁰ 6	11 ⁰ 38	20 ⁰ 6	0 ⁰ 19	F 13
S 14	20 3 47	0 ⁰ 7'50	0 ^{II} 51	14 ⁰ 14	22 ⁰ 59	3 ⁰ 20	22 ⁰ 59	27 ⁰ 41	5 ⁰ 11	24 ⁰ 39	23 ⁰ 44	11 ^R 6	11 ⁰ 35	20 ⁰ 12	0 ⁰ 16	S 14
S 15	20 7 43	1 ⁰ 5'12	13 ⁰ 31	13 ⁰ 46	24 ⁰ 9	4 ⁰ 0	22 ⁰ 57	27 ⁰ 43	5 ⁰ 9	24 ⁰ 41	23 ⁰ 43	11 ⁰ 6	11 ⁰ 31	20 ⁰ 19	0 ⁰ 14	S 15
M 16	20 11 40	2 ⁰ 2'35	25 ⁰ 54	13 ⁰ 13	25 ⁰ 19	4 ⁰ 40	22 ⁰ 55	27 ⁰ 46	5 ⁰ 7	24 ⁰ 42	23 ⁰ 43	11 ⁰ 5	11 ⁰ 28	20 ⁰ 26	0 ⁰ 11	M 16
T 17	20 15 36	3 ⁰ 0'00	8 ^{II} 3	12 ⁰ 37	26 ⁰ 29	5 ⁰ 20	22 ⁰ 53	27 ⁰ 48	5 ⁰ 5	24 ⁰ 44	23 ⁰ 42	11 ⁰ 4	11 ⁰ 25	20 ⁰ 32	0 ⁰ 9	T 17
W 18	20 19 33	3 ⁰ 57'25	20 ⁰ 2	11 ⁰ 57	27 ⁰ 39	5 ⁰ 59	22 ⁰ 50	27 ⁰ 51	5 ⁰ 3	24 ⁰ 46	23 ⁰ 41	11 ⁰ 3	11 ⁰ 22	20 ⁰ 39	0 ⁰ 6	W 18
T 19	20 23 30	4 ⁰ 54'52	1 ⁰ 54	11 ⁰ 15	28 ⁰ 49	6 ⁰ 39	22 ⁰ 47	27 ⁰ 53	5 ⁰ 1	24 ⁰ 48	23 ⁰ 41	11 ⁰ 2	11 ⁰ 19	20 ⁰ 46	0 ⁰ 3	T 19
F 20	20 27 26	5 ⁰ 52'20	13 ⁰ 43	10 ⁰ 30	29 ⁰ 59	7 ⁰ 18	22 ⁰ 44	27 ⁰ 56	4 ⁰ 59	24 ⁰ 50	23 ⁰ 40	11 ⁰ 1	11 ⁰ 15	20 ⁰ 52	0 ⁰ 1	F 20
S 21	20 31 23	6 ⁰ 49'49	25 ⁰ 30	9 ⁰ 44	1 ⁰ 510	7 ⁰ 58	22 ⁰ 41	27 ⁰ 59	4 ⁰ 57	24 ⁰ 51	23 ⁰ 39	11 ⁰ 1	11 ⁰ 12	20 ⁰ 59	29 ⁰ 58	S 21
S 22	20 35 19	7 ⁰ 47'19	7 ⁰ 20	8 ⁰ 57	2 ⁰ 20	8 ⁰ 37	22 ⁰ 37	28 ⁰ 2	4 ⁰ 55	24 ⁰ 53	23 ⁰ 38	11 ^D 1	11 ⁰ 9	21 ⁰ 6	29 ⁰ 55	S 22
M 23	20 39 16	8 ⁰ 44'50	19 ⁰ 13	8 ⁰ 10	3 ⁰ 31	9 ⁰ 17	22 ⁰ 34	28 ⁰ 4	4 ⁰ 53	24 ⁰ 55	23 ⁰ 38	11 ⁰ 1	11 ⁰ 6	21 ⁰ 12	29 ⁰ 53	M 23
T 24	20 43 12	9 ⁰ 42'22	1 ⁰ 11	7 ⁰ 24	4 ⁰ 42	9 ⁰ 56	22 ⁰ 30	28 ⁰ 8	4 ⁰ 52	24 ⁰ 57	23 ⁰ 37	11 ⁰ 1	11 ⁰ 3	21 ⁰ 19	29 ⁰ 50	T 24
W 25	20 47 9	10 ⁰ 39'55	13 ⁰ 19	6 ⁰ 40	5 ⁰ 52	10 ⁰ 35	22 ⁰ 26	28 ⁰ 11	4 ⁰ 50	24 ⁰ 58	23 ⁰ 36	11 ^R 1	11 ⁰ 0	21 ⁰ 25	29 ⁰ 47	W 25
T 26	20 51 5	11 ⁰ 37'29	25 ⁰ 36	5 ⁰ 59	7 ⁰ 3	11 ⁰ 14	22 ⁰ 22	28 ⁰ 14	4 ⁰ 48	25 ⁰ 0	23 ⁰ 35	11 ⁰ 1	10 ⁰ 56	21 ⁰ 32	29 ⁰ 44	T 26
F 27	20 55 2	12 ⁰ 35'04	8 ⁰ 7	5 ⁰ 22	8 ⁰ 14	11 ⁰ 54	22 ⁰ 17	28 ⁰ 17	4 ⁰ 46	25 ⁰ 2	23 ⁰ 34	11 ⁰ 1	10 ⁰ 53	21 ⁰ 39	29 ⁰ 42	F 27
S 28	20 58 59	13 ⁰ 32'40	20 ⁰ 54	4 ⁰ 48	9 ⁰ 25	12 ⁰ 33	22 ⁰ 13	28 ⁰ 20	4 ⁰ 44	25 ⁰ 3	23 ⁰ 34	11 ⁰ 1	10 ⁰ 50	21 ⁰ 45	29 ⁰ 39	S 28
S 29	21 2 55	14 ⁰ 30'17	3 ⁰ 15	4 ⁰ 21	10 ⁰ 36	13 ⁰ 12	22 ⁰ 8	28 ⁰ 24	4 ⁰ 43	25 ⁰ 5	23 ⁰ 33	11 ⁰ 1	10 ⁰ 47	21 ⁰ 52	29 ⁰ 36	S 29
M 30	21 6 52	15 ⁰ 27'54	17 ⁰ 24	3 ⁰ 58	11 ⁰ 47	13 ⁰ 51	22 ⁰ 3	28 ⁰ 27	4 ⁰ 41	25 ⁰ 6	23 ⁰ 32	11 ^D 1	10 ⁰ 44	21 ⁰ 59	29 ⁰ 33	M 30
T 31	21 10 48	16 ⁰ 25'33	1 ⁰ 12	3 ⁰ 42	12 ⁰ 58	14 ⁰ 30	21 ^{II} 58	28 ⁰ 31	4 ⁰ 39	25 ^{II} 8	23 ^{II} 31	11 ^{II} 1	10 ^{II} 41	22 ^{II} 5	29 ^{II} 30	T 31

Delta T = 135.67 sec

Julian Calendar 1 July 1571 == Greg. Calendar 11 July 1571

AUGUST 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	21 14 45	17♂23'13	15♂22	3°R33	14☾ 9	15☾ 9	21°R53	28♂35	4°R38	25♂10	23°R30	11♂ 1	10♂37	22☾12	29°R27	W 1
T 2	21 18 41	18°20'54	29°53	3°D31	15°21	15°48	21♂48	28°39	4☾36	25°11	23♂29	11° 2	10°34	22°19	29♂24	T 2
F 3	21 22 38	19°18'37	14☾41	3♂36	16°32	16°26	21°42	28°42	4°35	25°13	23°28	11° 2	10°31	22°25	29°21	F 3
S 4	21 26 34	20°16'20	29°41	3°49	17°44	17° 5	21°37	28°46	4°33	25°14	23°27	11° 3	10°28	22°32	29°18	S 4
S 5	21 30 31	21°14'04	14♂44	4° 9	18°55	17°44	21°31	28°50	4°32	25°15	23°26	11°R 3	10°25	22°39	29°15	S 5
M 6	21 34 28	22°11'50	29°42	4°37	20° 7	18°23	21°25	28°54	4°31	25°17	23°25	11° 3	10°21	22°45	29°13	M 6
T 7	21 38 24	23° 9'38	14♂26	5°13	21°19	19° 1	21°19	28°59	4°29	25°18	23°24	11° 2	10°18	22°52	29°10	T 7
W 8	21 42 21	24° 7'27	28°51	5°56	22°30	19°40	21°13	29° 3	4°28	25°20	23°23	11° 0	10°15	22°59	29° 7	W 8
T 9	21 46 17	25° 5'17	12♀51	6°46	23°42	20°19	21° 7	29° 7	4°27	25°21	23°22	10°58	10°12	23° 5	29° 4	T 9
F 10	21 50 14	26° 3'09	26°25	7°43	24°54	20°57	21° 0	29°12	4°26	25°22	23°21	10°57	10° 9	23°12	29° 1	F 10
S 11	21 54 10	27° 1'04	9♂32	8°47	26° 6	21°35	20°53	29°16	4°24	25°23	23°20	10°55	10° 6	23°19	28°58	S 11
S 12	21 58 7	27°59'00	22°16	9°58	27°18	22°14	20°47	29°21	4°23	25°25	23°19	10°D55	10° 2	23°25	28°55	S 12
M 13	22 2 3	28°56'57	4♂39	11°14	28°30	22°52	20°40	29°25	4°22	25°26	23°18	10°55	9°59	23°32	28°52	M 13
T 14	22 6 0	29°54'57	16°47	12°36	29°42	23°31	20°33	29°30	4°21	25°27	23°17	10°55	9°56	23°39	28°49	T 14
W 15	22 9 56	0♂52'59	28°43	14° 4	0♂55	24° 9	20°26	29°35	4°20	25°28	23°16	10°57	9°53	23°45	28°46	W 15
T 16	22 13 53	1°51'02	10☾33	15°36	2° 7	24°47	20°19	29°40	4°19	25°29	23°15	10°58	9°50	23°52	28°43	T 16
F 17	22 17 50	2°49'08	22°20	17°13	3°19	25°25	20°12	29°44	4°18	25°31	23°13	11° 0	9°47	23°58	28°40	F 17
S 18	22 21 46	3°47'15	4♂ 9	18°53	4°32	26° 3	20° 4	29°49	4°17	25°32	23°12	11° 1	9°43	24° 5	28°37	S 18
S 19	22 25 43	4°45'24	16° 3	20°37	5°44	26°41	19°57	29°54	4°17	25°33	23°11	11°R 1	9°40	24°12	28°34	S 19
M 20	22 29 39	5°43'35	28° 4	22°24	6°57	27°19	19°49	29°59	4°16	25°34	23°10	11° 0	9°37	24°18	28°31	M 20
T 21	22 33 36	6°41'48	10♂14	24°12	8°10	27°57	19°42	0♂15	4°15	25°35	23° 9	10°57	9°34	24°25	28°28	T 21
W 22	22 37 32	7°40'02	22°36	26° 3	9°23	28°35	19°34	0°10	4°15	25°36	23° 8	10°54	9°31	24°32	28°25	W 22
T 23	22 41 29	8°38'18	5♂10	27°55	10°35	29°13	19°26	0°15	4°14	25°36	23° 7	10°50	9°27	24°38	28°22	T 23
F 24	22 45 25	9°36'36	17°57	29°49	11°48	29°51	19°19	0°21	4°13	25°37	23° 6	10°45	9°24	24°45	28°19	F 24
S 25	22 49 22	10°34'55	0♂158	1♂43	13° 1	0♂129	19°11	0°26	4°13	25°38	23° 4	10°40	9°21	24°52	28°16	S 25
S 26	22 53 19	11°33'16	14°12	3°37	14°14	1° 7	19° 3	0°31	4°12	25°39	23° 3	10°37	9°18	24°58	28°13	S 26
M 27	22 57 15	12°31'39	27°42	5°32	15°27	1°44	18°55	0°37	4°12	25°40	23° 2	10°34	9°15	25° 5	28°10	M 27
T 28	23 1 12	13°30'03	11♂26	7°27	16°40	2°22	18°47	0°43	4°12	25°41	23° 1	10°D34	9°12	25°12	28° 7	T 28
W 29	23 5 8	14°28'29	25°26	9°21	17°53	2°59	18°39	0°48	4°11	25°41	23° 0	10°34	9° 8	25°18	28° 4	W 29
T 30	23 9 5	15°26'56	9☾40	11°15	19° 7	3°37	18°31	0°54	4°11	25°42	22°58	10°35	9° 5	25°25	28° 2	T 30
F 31	23 13 1	16♂25'25	24☾ 7	13♂ 8	20♂120	4♂14	18♂23	1♂10	4☾11	25♂43	22♂57	10♂37	9♂12	25☾32	27♂59	F 31

ASTRODIENST EPHEMERIS for the year 1571

geocentric

SEPTEMBER 1571 JC

00:00 UT

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

Delta T = 135.35 sec

Julian Calendar 1 Sept. 1571 == Greg. Calendar 11 Sept. 1571

OCTOBER 1571 JC

00:00 UT

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

ASTRODIENST EPHEMERIS for the year 1571

geocentric

NOVEMBER 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 17 28	17 ^h 56 ^m 56 ^s	7 ^h 45 ^m	5°R29	7 ^h 11 ^m 24 ^s	10 ^h 11 ^m 56 ^s	13 ^h 11 ^m 16 ^s	8 ^h 11 ^m 1 ^s	5 ^h 33 ^m 33 ^s	25°R21	21°R54	5°R17	5 ^h 04 ^m 45 ^s	2 ^h 02 ^m 24 ^s	26 ^h 27 ^m 27 ^s	T 1
F 2	3 21 24	18°57'26"	20°52'	5 ^h 12 ^m	8°39'	11°30'	13°16'	8°8'	5°36'	25°II19	21°K54	5 ^h 04 ^m 4	5°42'	2°30'	26°27'	F 2
S 3	3 25 21	19°57'58"	3 ^h 11 ^m 43 ^s	4°45'	9°54'	12°3'	13°17'	8°15'	5°38'	25°18'	21°53'	4°51'	5°39'	2°37'	26°28'	S 3
S 4	3 29 17	20°58'31"	16°18'	4°7'	11°10'	12°35'	13°18'	8°22'	5°41'	25°17'	21°53'	4°41'	5°35'	2°44'	26°28'	S 4
M 5	3 33 14	21°59'07"	28°37'	3°19'	12°25'	13°8'	13°19'	8°29'	5°44'	25°15'	21°52'	4°33'	5°32'	2°50'	26°29'	M 5
T 6	3 37 10	22°59'43"	10 ^h 03 ^m 43 ^s	2°21'	13°41'	13°41'	13°21'	8°36'	5°47'	25°14'	21°52'	4°27'	5°29'	2°57'	26°29'	T 6
W 7	3 41 7	24°0'22"	22°38'	1°14'	14°56'	14°13'	13°22'	8°43'	5°50'	25°13'	21°51'	4°25'	5°26'	3°3'	26°30'	W 7
T 8	3 45 4	25°1'02"	4 ^h 02 ^m 26 ^s	0°0'	16°11'	14°46'	13°24'	8°50'	5°53'	25°11'	21°51'	4°24 ^m 24 ^s	5°23'	3°10'	26°30'	T 8
F 9	3 49 0	26°1'43"	16°13'	28 ^h 11 ^m 41 ^s	17°27'	15°18'	13°26'	8°57'	5°55'	25°10'	21°50'	4°24'	5°20'	3°17'	26°31'	F 9
S 10	3 52 57	27°2'27"	28°4'	27°19'	18°42'	15°50'	13°28'	9°4'	5°58'	25°8'	21°50'	4°R25	5°16'	3°23'	26°32'	S 10
S 11	3 56 53	28°3'11"	10 ^h 11 ^m 5	25°57'	19°58'	16°22'	13°30'	9°11'	6°1'	25°7'	21°50'	4°24'	5°13'	3°30'	26°33'	S 11
M12	4 0 50	29°3'58"	22°20'	24°38'	21°13'	16°54'	13°33'	9°18'	6°4'	25°5'	21°49'	4°21'	5°10'	3°37'	26°34'	M12
T 13	4 4 46	0 ^h 11 ^m 4'46 ^s	4 ^h 05 ^m 56 ^s	23°24'	22°29'	17°26'	13°35'	9°25'	6°7'	25°4'	21°49'	4°16'	5°7'	3°43'	26°35'	T 13
W14	4 8 43	1°5'35"	17°54'	22°18'	23°44'	17°58'	13°38'	9°32'	6°11'	25°2'	21°49'	4°8'	5°4'	3°50'	26°36'	W14
T 15	4 12 39	2°6'26"	1 ^h 11 ^m 17 ^s	21°22'	25°0'	18°30'	13°42'	9°39'	6°14'	25°1'	21°48'	3°59'	5°0'	3°57'	26°37'	T 15
F 16	4 16 36	3°7'18"	15°5'	20°36'	26°15'	19°1'	13°45'	9°46'	6°17'	24°59'	21°48'	3°48'	4°57'	4°3'	26°38'	F 16
S 17	4 20 32	4°8'11"	29°14'	20°1'	27°31'	19°32'	13°48'	9°52'	6°20'	24°58'	21°48'	3°38'	4°54'	4°10'	26°39'	S 17
S 18	4 24 29	5°9'06"	13 ^h 11 ^m 40 ^s	19°37'	28°46'	20°4'	13°52'	9°59'	6°23'	24°56'	21°48'	3°29'	4°51'	4°17'	26°40'	S 18
M19	4 28 26	6°10'02"	28°15'	19°26'	0 ^h 11 ^m 2	20°35'	13°56'	10°6'	6°26'	24°55'	21°47'	3°22'	4°48'	4°23'	26°42'	M19
T 20	4 32 22	7°10'59"	12 ^h 03 ^m 54 ^s	19°D25	1°17'	21°6'	14°0'	10°13'	6°29'	24°53'	21°47'	3°18'	4°45'	4°30'	26°43'	T 20
W21	4 36 19	8°11'56"	27°29'	19°34'	2°33'	21°36'	14°4'	10°19'	6°33'	24°51'	21°47'	3°D16	4°41'	4°37'	26°44'	W21
T 22	4 40 15	9°12'54"	11 ^h 05 ^m 55 ^s	19°52'	3°48'	22°7'	14°9'	10°26'	6°36'	24°50'	21°47'	3°16'	4°38'	4°43'	26°46'	T 22
F 23	4 44 12	10°13'53"	26°10'	20°19'	5°4'	22°37'	14°14'	10°32'	6°39'	24°48'	21°47'	3°17'	4°35'	4°50'	26°47'	F 23
S 24	4 48 8	11°14'53"	10 ^h 11 ^m 12 ^s	20°54'	6°19'	23°8'	14°19'	10°39'	6°43'	24°46'	21°47'	3°R18	4°32'	4°56'	26°49'	S 24
S 25	4 52 5	12°15'53"	24°0'	21°36'	7°35'	23°38'	14°24'	10°45'	6°46'	24°45'	21°47'	3°17'	4°29'	5°3'	26°51'	S 25
M26	4 56 2	13°16'53"	7°Y35	22°23'	8°50'	24°8'	14°29'	10°52'	6°49'	24°43'	21°47'	3°14'	4°26'	5°10'	26°52'	M26
T 27	4 59 58	14°17'54"	20°57'	23°16'	10°6'	24°38'	14°34'	10°58'	6°53'	24°41'	21°D47	3°9'	4°22'	5°16'	26°54'	T 27
W28	5 3 55	15°18'56"	4 ^h 7 ^m	24°14'	11°22'	25°8'	14°40'	11°5'	6°56'	24°40'	21°47'	3°2'	4°19'	5°23'	26°56'	W28
T 29	5 7 51	16°19'58"	17°4'	25°16'	12°37'	25°37'	14°46'	11°11'	6°59'	24°38'	21°47'	2°54'	4°16'	5°30'	26°58'	T 29
F 30	5 11 48	17 ^h 21 ^m 01 ^s	29 ^h 08 ^m 49 ^s	26 ^h 11 ^m 21 ^s	13 ^h 11 ^m 53 ^s	26 ^h 11 ^m 6 ^s	14 ^h 11 ^m 52 ^s	11 ^h 11 ^m 17 ^s	7 ^h 3 ^m	24 ^h 11 ^m 36 ^s	21 ^h 11 ^m 47 ^s	2 ^h 04 ^m 45 ^s	4 ^h 01 ^m 13 ^s	5 ^h 02 ^m 36 ^s	27 ^h 00 ^m	F 30

Delta T = 135.03 sec

Julian Calendar 1 Nov. 1571 == Greg. Calendar 11 Nov. 1571

DECEMBER 1571 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	5 15 44	18 ^h 22 ^m 04 ^s	12 ^h 11 ^m 22 ^s	27 ^h 11 ^m 30 ^s	15 ^h 11 ^m 8 ^s	26 ^h 11 ^m 36 ^s	14 ^h 11 ^m 58 ^s	11 ^h 11 ^m 24 ^s	7 ^h 3 ^m 6 ^s	24°R35	21°K47	2°R37	4 ^h 01 ^m 10 ^s	5 ^h 04 ^m 43 ^s	27 ^h 27 ^m 27 ^s	S 1
S 2	5 19 41	19°23'08"	24°43'	28°41'	16°24'	27°5'	15°4'	11°30'	7°10'	24°II33	21°47'	2 ^h 03 ^m 30 ^s	4°6'	5°50'	27°4'	S 2
M 3	5 23 37	20°24'13"	6 ^h 05 ^m 52 ^s	29°55'	17°39'	27°34'	15°10'	11°36'	7°13'	24°31'	21°47'	2°24'	4°3'	5°56'	27°6'	M 3
T 4	5 27 34	21°25'18"	18°51'	1 ^h 11 ^m 11 ^s	18°55'	28°2'	15°17'	11°42'	7°17'	24°30'	21°47'	2°21'	4°0'	6°3'	27°8'	T 4
W 5	5 31 31	22°26'24"	0 ^h 02 ^m 43 ^s	2°29'	20°10'	28°31'	15°24'	11°48'	7°20'	24°28'	21°48'	2°D20	3°57'	6°10'	27°10'	W 5
T 6	5 35 27	23°27'31"	12°31'	3°48'	21°26'	28°59'	15°31'	11°54'	7°24'	24°26'	21°48'	2°21'	3°54'	6°16'	27°13'	T 6
F 7	5 39 24	24°28'38"	24°17'	5°9'	22°41'	29°27'	15°38'	12°0'	7°27'	24°25'	21°48'	2°22'	3°51'	6°23'	27°15'	F 7
S 8	5 43 20	25°29'46"	6 ^h 11 ^m 7 ^s	6°31'	23°57'	29°55'	15°45'	12°6'	7°31'	24°23'	21°48'	2°24'	3°47'	6°29'	27°17'	S 8
S 9	5 47 17	26°30'54"	18°6'	7°54'	25°12'	0 ^h 02 ^m 23 ^s	15°53'	12°12'	7°34'	24°21'	21°49'	2°25'	3°44'	6°36'	27°20'	S 9
M10	5 51 13	27°32'03"	0 ^h 01 ^m 19 ^s	9°18'	26°28'	0°51'	16°0'	12°17'	7°38'	24°19'	21°49'	2°R26	3°41'	6°43'	27°22'	M10
T 11	5 55 10	28°33'13"	12°50'	10°43'	27°43'	1°18'	16°8'	12°23'	7°41'	24°18'	21°49'	2°25'	3°38'	6°49'	27°25'	T 11
W12	5 59 6	29°34'23"	25°45'	12°9'	28°59'	1°45'	16°16'	12°29'	7°45'	24°16'	21°50'	2°22'	3°35'	6°56'	27°27'	W12
T 13	6 3 3	0 ^h 03 ^m 35 ^s 44 ^s	9 ^h 11 ^m 6 ^s	13°35'	0 ^h 01 ^m 14 ^s	2°12'	16°24'	12°34'	7°48'	24°14'	21°50'	2°18'	3°32'	7°3'	27°30'	T 13
F 14	6 7 0	1°36'45"	22°54'	15°2'	1°30'	2°39'	16°32'	12°40'	7°52'	24°13'	21°50'	2°13'	3°28'	7°9'	27°32'	F 14
S 15	6 10 56	2°37'57"	7 ^h 11 ^m 10 ^s	16°30'	2°45'	3°5'	16°40'	12°45'	7°56'	24°11'	21°51'	2°9'	3°25'	7°16'	27°35'	S 15
S 16	6 14 53	3°39'09"	21°47'	17°58'	4°1'	3°31'	16°49'	12°51'	7°59'	24°9'	21°51'	2°4'	3°22'	7°23'	27°38'	S 16
M17	6 18 49	4°40'21"	6 ^h 03 ^m 41 ^s	19°27'	5°16'	3°57'	16°58'	12°56'	8°3'	24°8'	21°52'	2°1'	3°19'	7°29'	27°41'	M17
T 18	6 22 46	5°41'33"	21°43'	20°56'	6°32'	4°23'	17°6'	13°1'	8°6'	24°6'	21°52'	2°0'	3°16'	7°36'	27°44'	T 18
W19	6 26 42	6°42'45"	6 ^h 04 ^m 43 ^s	22°26'	7°47'	4°49'	17°15'	13°7'	8°10'	24°4'	21°53'	1°D59	3°12'	7°43'	27°46'	W19
T 20	6 30 39	7°43'56"	21°34'	23°56'	9°3'	5°14'	17°24'	13°12'	8°13'	24°3'	21°53'	2°0'	3°9'	7°49'	27°49'	T 20
F 21	6 34 35	8°45'08"	6 ^h 11 ^m 10 ^s	25°27'	10°18'	5°39'	17°34'	13°17'	8°17'	24°1'	21°54'	2°2'	3°6'	7°56'	27°52'	F 21
S 22	6 38 32	9°46'19"	20°26'	26°58'	11°34'	6°4'	17°43'	13°22'	8°21'	23°59'	21°54'	2°3'	3°3'	8°3'	27°55'	S 22
S 23	6 42 29	10°47'29"	4 ^h Y20	28°29'	12°49'	6°28'	17°52'	13°27'	8°24'	23°58'	21°55'	2°4'	3°0'	8°9'	27°58'	S 23
M24	6 46 25	11°48'39"	17°54'	0 ^h 01 ^m 8 ^s	14°5'	6°52'	18°2'	13°32'	8°28'	23°56'	21°56'	2°R4	2°57'	8°16'	28°1'	M24
T 25	6 50 22	12°49'48"	1 ^h 8 ^m	1°34'	15°20'	7°16'	18°12'	13°36'	8°31'	23°55'	21°56'	2°3'	2°53'	8°22'	28°5'	T 25
W26	6 54 18	13°50'57"	14°4'	3°6'	16°36'	7°40'	18°22'	13°41'	8°35'	23°53'	21°57'	2°1'	2°50'	8°29'	28°8'	W26
T 27	6 58 15	14°52'06"	26°44'	4°40'	17°51'	8°3'	18°32'	13°46'	8°38'	23°51'	21°58'	1°59'	2°47'	8°36'	28°11'	T 27
F 28	7 2 11	15°53'13"	9 ^h 11 ^m 11 ^s	6°13'	19°7'	8°26'	18°42'	13°50'	8°42'	23°50'	21°58'	1°56'	2°44'	8°42'	28°14'	F 28
S 29	7 6 8	16°54'21"	21°26'	7°48'	20°22'	8°49'	18°52'	13°55'	8°46'	23°48'	21°59'	1°54'	2°41'	8°49'	28°17'	S 29
S 30	7 10 4	17°55'28"	3 ^h 03 ^m 32 ^s	9°22'	21°37'	9°11'	19°2'	13°59'	8°49'	23°47'	22°0'	1°52'	2°38'	8°56'	28°21'	S 30
M31	7 14 1	18 ^h 05 ^m 36 ^s 43 ^s	15 ^h 03 ^m 30 ^s	10 ^h 03 ^m 57 ^s	22 ^h 03 ^m 53 ^s	9 ^h 03 ^m 33 ^s	19 ^h 11 ^m 13 ^s	14 ^h 11 ^m 4 ^s	8 ^h 03 ^m 53 ^s	23 ^h 11 ^m 45 ^s	22 ^h 11 ^m 1 ^s	1 ^h 02 ^m 50 ^s	2 ^h 03 ^m 34 ^s	9 ^h 02 ^m 24 ^s	28 ^h 28 ^m 24 ^s	M31