



Astrodienst Ephemeris Tables for the year 1458

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 1458

geocentric

JANUARY 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 16 27	19°38'43	18°38	25°51	10°1	18°41	28°R59	22°31	23°R24	15°29	16°R52	15°R50	17°26	20°26	8°R39	S 1
M 2	7 20 24	20°39'48	13°58	26°38	11°14	19°27	28°R54	22°37	23°R22	15°30	16°R51	15°R43	17°23	20°33	8°R37	M 2
T 3	7 24 21	21°40'52	26° 6	27°29	12°26	20°14	28°49	22°44	23°20	15°30	16°50	15°38	17°20	20°39	8°34	T 3
W 4	7 28 17	22°41'56	8°17 3	28°24	13°38	21° 1	28°44	22°50	23°18	15°30	16°48	15°36	17°17	20°46	8°32	W 4
T 5	7 32 14	23°42'59	19°53	29°22	14°51	21°48	28°39	22°57	23°16	15°30	16°47	15°D36	17°13	20°53	8°30	T 5
F 6	7 36 10	24°44'02	1°40	0°23	16° 3	22°35	28°34	23° 3	23°13	15°30	16°46	15°37	17°10	20°59	8°27	F 6
S 7	7 40 7	25°45'04	13°29	1°26	17°16	23°22	28°28	23° 9	23°11	15°30	16°44	15°38	17° 7	21° 6	8°25	S 7
S 8	7 44 3	26°46'05	25°25	2°32	18°28	24° 9	28°22	23°16	23° 9	15°R30	16°43	15°R39	17° 4	21°13	8°22	S 8
M 9	7 48 0	27°47'06	7°13 3	3°41	19°41	24°55	28°16	23°22	23° 7	15°30	16°42	15°38	17° 1	21°19	8°19	M 9
T 10	7 51 56	28°48'07	19°59	4°51	20°54	25°42	28°11	23°28	23° 4	15°30	16°40	15°36	16°57	21°26	8°16	T 10
W 11	7 55 53	29°49'07	2°46	6° 4	22° 6	26°29	28° 4	23°34	23° 2	15°30	16°39	15°31	16°54	21°33	8°14	W 11
T 12	7 59 50	0°50'06	15°59	7°18	23°19	27°16	27°58	23°40	23° 0	15°30	16°38	15°25	16°51	21°39	8°10	T 12
F 13	8 3 46	1°51'04	29°38	8°33	24°32	28° 4	27°52	23°46	22°57	15°30	16°36	15°18	16°48	21°46	8° 7	F 13
S 14	8 7 43	2°52'02	13°42	9°51	25°45	28°51	27°45	23°52	22°55	15°29	16°35	15°11	16°45	21°52	8° 4	S 14
S 15	8 11 39	3°52'58	28° 7	11° 9	26°58	29°38	27°39	23°58	22°52	15°29	16°33	15° 4	16°42	21°59	8° 1	S 15
M 16	8 15 36	4°53'54	12°48	12°29	28°11	0°25	27°32	24° 4	22°50	15°29	16°32	14°59	16°38	22° 6	7°57	M 16
T 17	8 19 32	5°54'48	27°36	13°50	29°23	1°12	27°25	24°10	22°48	15°29	16°30	14°56	16°35	22°12	7°54	T 17
W 18	8 23 29	6°55'41	12°42	15°12	0°36	1°59	27°18	24°16	22°45	15°28	16°29	14°D54	16°32	22°19	7°50	W 18
T 19	8 27 25	7°56'32	27° 6	16°35	1°49	2°46	27°11	24°22	22°43	15°28	16°28	14°55	16°29	22°26	7°47	T 19
F 20	8 31 22	8°57'22	11°35	18° 0	3° 3	3°33	27° 4	24°27	22°40	15°27	16°26	14°56	16°26	22°32	7°43	F 20
S 21	8 35 19	9°58'11	25°49	19°25	4°16	4°21	26°57	24°33	22°38	15°27	16°25	14°58	16°23	22°39	7°39	S 21
S 22	8 39 15	10°58'58	9°46	20°52	5°29	5° 8	26°49	24°39	22°35	15°27	16°23	14°R58	16°19	22°46	7°35	S 22
M 23	8 43 12	11°59'43	23°26	22°19	6°42	5°55	26°42	24°44	22°32	15°26	16°22	14°58	16°16	22°52	7°31	M 23
T 24	8 47 8	13° 0'27	6°14 9	23°47	7°55	6°42	26°35	24°50	22°30	15°26	16°20	14°56	16°13	22°59	7°28	T 24
W 25	8 51 5	14° 1'09	19°58	25°16	9° 8	7°29	26°27	24°55	22°27	15°25	16°19	14°52	16°10	23° 6	7°23	W 25
T 26	8 55 1	15° 1'50	2°52	26°46	10°21	8°17	26°19	25° 0	22°25	15°24	16°17	14°47	16° 7	23°12	7°19	T 26
F 27	8 58 58	16° 2'29	15°33	28°17	11°35	9° 4	26°12	25° 6	22°22	15°24	16°16	14°42	16° 3	23°19	7°15	F 27
S 28	9 2 54	17° 3'06	28° 2	29°49	12°48	9°51	26° 4	25°11	22°20	15°23	16°14	14°37	16° 0	23°25	7°11	S 28
S 29	9 6 51	18° 3'42	10°20	1°22	14° 1	10°38	25°56	25°16	22°17	15°22	16°13	14°33	15°57	23°32	7° 7	S 29
M 30	9 10 48	19° 4'16	22°28	2°55	15°15	11°26	25°49	25°21	22°14	15°22	16°11	14°30	15°54	23°39	7° 2	M 30
T 31	9 14 44	20° 4'49	4°17 27	4°30	16°28	12°13	25°41	25°17	22°12	15°21	16°10	14°28	15°51	23°45	6°58	T 31

Delta T = 06m15s

Julian Calendar 1 Jan. 1458 == Greg. Calendar 10 Jan. 1458

FEBRUARY 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	9 18 41	21°55'20	16°17 20	6°55	17°41	13°50	25°R33	25°31	22°R 9	15°R20	16°R 8	14°D28	15°17 48	23°17 52	6°R54	W 1
T 2	9 22 37	22° 5'49	28° 8	7°42	18°55	13°48	25°R25	25°36	22°R 6	15°R19	16°R 7	14°D29	15°44	23°59	6°R49	T 2
F 3	9 26 34	23° 6'17	9°12 55	9°19	20° 8	14°35	25°17	25°41	22° 4	15°19	16° 5	14°30	15°41	24° 5	6°45	F 3
S 4	9 30 30	24° 6'44	21°45	10°57	21°21	15°22	25° 9	25°46	22° 1	15°18	16° 4	14°32	15°38	24°12	6°40	S 4
S 5	9 34 27	25° 7'10	3°14 41	12°36	22°35	16° 9	25° 1	25°50	21°59	15°17	16° 3	14°33	15°35	24°19	6°35	S 5
M 6	9 38 23	26° 7'33	15°48	14°16	23°48	16°57	24°54	25°55	21°56	15°16	16° 1	14°34	15°32	24°25	6°31	M 6
T 7	9 42 20	27° 7'56	28°10	15°57	25° 2	17°44	24°46	26° 0	21°53	15°15	16° 0	14°R35	15°29	24°32	6°26	T 7
W 8	9 46 16	28° 8'17	10°17 53	17°39	26°15	18°31	24°38	26° 4	21°51	15°14	15°58	14°34	15°25	24°39	6°21	W 8
T 9	9 50 13	29° 8'37	24° 1	19°22	27°29	19°19	24°30	26° 8	21°48	15°13	15°57	14°33	15°22	24°45	6°17	T 9
F 10	9 54 10	0°18 55	7°33 4	21° 6	28°42	20° 6	24°22	26°13	21°45	15°12	15°55	14°32	15°19	24°52	6°12	F 10
S 11	9 58 6	1° 9'12	21°36	22°51	29°56	20°53	24°14	26°17	21°43	15°11	15°54	14°30	15°16	24°59	6° 7	S 11
S 12	10 2 3	2° 9'27	6°53	24°37	1°10	21°41	24° 6	26°21	21°40	15°10	15°53	14°28	15°13	25° 5	6° 3	S 12
M 13	10 5 59	3° 9'40	20°51	26°24	2°23	22°28	23°51	26°25	21°38	15° 9	15°51	14°27	15° 9	25°12	5°58	M 13
T 14	10 9 56	4° 9'52	5°15 53	28°12	3°37	23°15	23°59	26°29	21°35	15° 8	15°50	14°26	15° 6	25°18	5°53	T 14
W 15	10 13 52	5°10'02	21° 1	0°18 1	4°50	24° 3	23°43	26°33	21°33	15° 6	15°48	14°D26	15° 3	25°25	5°48	W 15
T 16	10 17 49	6°10'09	6°17 5	1°52	6° 4	24°50	23°36	26°37	21°30	15° 5	15°47	14°27	15° 0	25°32	5°43	T 16
F 17	10 21 45	7°10'15	20°57	3°43	7°17	25°37	23°28	26°41	21°28	15° 4	15°46	14°27	14°57	25°38	5°39	F 17
S 18	10 25 42	8°10'19	5°13 31	5°35	8°31	26°24	23°21	26°44	21°25	15° 3	15°44	14°28	14°54	25°45	5°34	S 18
S 19	10 29 39	9°10'20	19°42	7°28	9°45	27°12	23°13	26°48	21°23	15° 2	15°43	14°28	14°50	25°52	5°29	S 19
M 20	10 33 35	10°10'19	3°12 29	9°23	10°58	27°59	23° 6	26°52	21°20	15° 0	15°42	14°29	14°47	25°58	5°24	M 20
T 21	10 37 32	11°10'16	16°52	11°18	12°12	28°46	22°59	26°55	21°18	14°59	15°40	14°R29	14°44	26° 5	5°20	T 21
W 22	10 41 28	12°10'11	29°54	13°14	13°26	29°34	22°52	26°58	21°15	14°58	15°39	14°28	14°41	26°12	5°15	W 22
T 23	10 45 25	13°10'04	12°37 17	15°11	14°39	0°18 21	22°45	27° 2	21°13	14°56	15°38	14°28	14°38	26°18	5°10	T 23
F 24	10 49 21	14° 9'54	25° 3	17° 9	15°53	1° 8	22°38	27° 5	21°11	14°55	15°36	14°D28	14°34	26°25	5° 5	F 24
S 25	10 53 18	15° 9'42	7°12 17	19° 7	17° 7	1°55	22°31	27° 8	21° 8	14°54	15°35	14°28	14°31	26°32	5° 1	S 25
S 26	10 57 14	16° 9'28	19°21	21° 6	18°20	2°42	22°24	27°11	21° 6	14°52	15°34	14°28	14°28	26°38	4°56	S 26
M 27	11 1 11	17° 9'12	1°17 18	23° 5	19°34	3°30	22°18	27°14	21° 4	14°51	15°33	14°29	14°25	26°45	4°51	M 27
T 28	11 5 8	18° 8'53	13°17 10	25°18 4	20°47	4°17	22°11	27°17	21° 1	14°50	15°32	14°R29	14°22	26°52	4°47	T 28

Delta T = 06m15s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1458

geocentric

MARCH 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	11 9 4	19°8'33"	24°58'	27°33'	22°28' 1	5°44'	22°R 5	27°19'	20°R59	14°R48	15°R30	14°R29	14°19'	26°58'	4°R42	W 1
T 2	11 13 1	20° 8'10"	6°46'	29° 2	23°15'	5°51'	21°58'	27°22'	20°57'	14°47'	15°29'	14°28'	14°15'	27° 5	4°38'	T 2
F 3	11 16 57	21° 7'46"	18°36'	1°0'	24°29'	6°38'	21°52'	27°25'	20°55'	14°45'	15°28'	14°27'	14°12'	27°11'	4°33'	F 3
S 4	11 20 54	22° 7'20"	0°29'	2°58'	25°42'	7°25'	21°46'	27°27'	20°53'	14°44'	15°27'	14°26'	14° 9	27°18'	4°29'	S 4
S 5	11 24 50	23° 6'51"	12°30'	4°53'	26°56'	8°12'	21°40'	27°29'	20°51'	14°42'	15°26'	14°25'	14° 6	27°25'	4°25'	S 5
M 6	11 28 47	24° 6'21"	24°40'	6°48'	28°10'	8°59'	21°35'	27°32'	20°49'	14°41'	15°25'	14°24'	14° 3	27°31'	4°20'	M 6
T 7	11 32 43	25° 5'50"	7°44'	8°40'	29°23'	9°46'	21°29'	27°34'	20°46'	14°39'	15°24'	14°23'	14° 0	27°38'	4°16'	T 7
W 8	11 36 40	26° 5'16"	19°44'	10°29'	0°37'	10°33'	21°24'	27°36'	20°44'	14°38'	15°23'	14°23'	13°56'	27°45'	4°12'	W 8
T 9	11 40 37	27° 4'41"	2°45'	12°16'	1°51'	11°20'	21°18'	27°38'	20°43'	14°36'	15°22'	14°D23	13°53'	27°51'	4° 7	T 9
F 10	11 44 33	28° 4'04"	16°10'	13°59'	3° 4	12° 7	21°13'	27°40'	20°41'	14°35'	15°20'	14°23'	13°50'	27°58'	4° 3	F 10
S 11	11 48 30	29° 3'25"	0°0'	15°38'	4°18'	12°54'	21° 8	27°42'	20°39'	14°33'	15°19'	14°24'	13°47'	28° 5	3°59'	S 11
S 12	11 52 26	0°0'	14°16'	17°13'	5°32'	13°41'	21° 3	27°43'	20°37'	14°31'	15°19'	14°25'	13°44'	28°11'	3°55'	S 12
M13	11 56 23	1° 2'01"	28°56'	18°44'	6°46'	14°28'	20°59'	27°45'	20°35'	14°30'	15°18'	14°26'	13°40'	28°18'	3°51'	M13
T 14	12 0 19	2° 1'17"	13°55'	20° 9	7°59'	15°15'	20°54'	27°46'	20°33'	14°28'	15°17'	14°R27	13°37'	28°25'	3°47'	T 14
W15	12 4 16	3° 0'30"	29° 6	21°29'	9°13'	16° 2	20°50'	27°48'	20°32'	14°27'	15°16'	14°26'	13°34'	28°31'	3°44'	W15
T 16	12 8 12	3°59'42"	14°19'	22°44'	10°27'	16°49'	20°46'	27°49'	20°30'	14°25'	15°15'	14°25'	13°31'	28°38'	3°40'	T 16
F 17	12 12 9	4°58'51"	29°25'	23°53'	11°40'	17°36'	20°42'	27°50'	20°28'	14°23'	15°14'	14°22'	13°28'	28°45'	3°36'	F 17
S 18	12 16 5	5°57'58"	14°14'	24°56'	12°54'	18°23'	20°38'	27°52'	20°27'	14°22'	15°13'	14°20'	13°25'	28°51'	3°33'	S 18
S 19	12 20 2	6°57'03"	28°40'	25°52'	14° 8	19° 9	20°34'	27°53'	20°25'	14°20'	15°12'	14°17'	13°21'	28°58'	3°29'	S 19
M20	12 23 59	7°56'06"	12°39'	26°42'	15°22'	19°56'	20°31'	27°54'	20°23'	14°19'	15°11'	14°14'	13°18'	29° 4	3°26'	M20
T 21	12 27 55	8°55'06"	26°10'	27°25'	16°35'	20°43'	20°27'	27°54'	20°22'	14°17'	15°11'	14°12'	13°15'	29°11'	3°22'	T 21
W22	12 31 52	9°54'04"	9°14'	28° 2	17°49'	21°29'	20°24'	27°55'	20°21'	14°15'	15°10'	14°D12	13°12'	29°18'	3°19'	W22
T 23	12 35 48	10°52'59"	21°55'	28°32'	19° 3	22°16'	20°21'	27°56'	20°19'	14°14'	15° 9	14°12'	13° 9	29°24'	3°16'	T 23
F 24	12 39 45	11°51'53"	4°17'	28°56'	20°16'	23° 3	20°19'	27°56'	20°18'	14°12'	15° 9	14°14'	13° 5	29°31'	3°13'	F 24
S 25	12 43 41	12°50'44"	16°24'	29°12'	21°30'	23°49'	20°16'	27°57'	20°17'	14°10'	15° 8	14°15'	13° 2	29°38'	3°10'	S 25
S 26	12 47 38	13°49'32"	28°20'	29°22'	22°44'	24°36'	20°14'	27°57'	20°15'	14° 9	15° 7	14°17'	12°59'	29°44'	3° 7	S 26
M27	12 51 34	14°48'19"	10°10'	29°R26	23°57'	25°22'	20°11'	27°57'	20°14'	14° 7	15° 7	14°R18	12°56'	29°51'	3° 4	M27
T 28	12 55 31	15°47'03"	21°58'	29°23'	25°11'	26° 9	20° 9	27°57'	20°13'	14° 5	15° 6	14°18'	12°53'	29°58'	3° 1	T 28
W29	12 59 28	16°45'45"	3°45'	29°14'	26°25'	26°55'	20° 7	27°R57	20°12'	14° 4	15° 5	14°16'	12°50'	0°4'	2°59'	W29
T 30	13 3 24	17°44'25"	15°36'	28°59'	27°38'	27°42'	20° 6	27°57'	20°11'	14° 2	15° 5	14°13'	12°46'	0°11'	2°56'	T 30
F 31	13 7 21	18°43'03"	27°31'	28°Y39	28°52'	28°28'	20°4	27°57'	20°10'	14°1	15°4	14°18'	12°43'	0°18'	2°54'	F 31

Delta T = 06m15s

Julian Calendar 1 March 1458 == Greg. Calendar 10 March 1458

APRIL 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 11 17	19°41'39"	9°33'	28°R14	0°0' 6	29°14'	20°R 3	27°R57	20°R 9	13°R59	15°R 4	14°R 2	12°40'	0°24'	2°R51	S 1
S 2	13 15 14	20°40'14"	21°43'	27°Y45	1°19'	0°0' 1	20°2	27°57'	20°8'	13°57'	15°3	13°55'	12°37'	0°31'	2°49'	S 2
M 3	13 19 10	21°38'46"	4°33'	27°12'	2°33'	0°47'	20° 1	27°56'	20° 7	13°56'	15° 3	13°49'	12°34'	0°38'	2°47'	M 3
T 4	13 23 7	22°37'17"	16°34'	26°35'	3°47'	1°33'	20° 0	27°56'	20° 6	13°54'	15° 3	13°43'	12°31'	0°44'	2°45'	T 4
W 5	13 27 3	23°35'46"	29°20'	25°57'	5° 0	2°19'	20° 0	27°55'	20° 5	13°52'	15° 2	13°39'	12°27'	0°51'	2°43'	W 5
T 6	13 31 0	24°34'14"	12°32'	25°17'	6°14'	3° 5	19°59'	27°54'	20° 5	13°51'	15° 2	13°36'	12°24'	0°58'	2°41'	T 6
F 7	13 34 57	25°32'40"	25°42'	24°36'	7°28'	3°52'	19°59'	27°53'	20° 4	13°49'	15° 2	13°D36	12°21'	1° 4	2°40'	F 7
S 8	13 38 53	26°31'04"	9°22'	23°54'	8°41'	4°38'	19°D59	27°53'	20° 4	13°48'	15° 1	13°36'	12°18'	1°11'	2°38'	S 8
S 9	13 42 50	27°29'27"	23°24'	23°14'	9°55'	5°24'	19°59'	27°52'	20° 3	13°46'	15° 1	13°37'	12°15'	1°18'	2°36'	S 9
M10	13 46 46	28°27'48"	7°48'	22°35'	11° 9	6°10'	20° 0	27°50'	20° 2	13°44'	15° 1	13°R38	12°11'	1°24'	2°35'	M10
T 11	13 50 43	29°26'07"	22°31'	21°57'	12°22'	6°56'	20° 0	27°49'	20° 2	13°43'	15° 0	13°38'	12° 8	1°31'	2°34'	T 11
W12	13 54 39	0°24'25"	7°28'	21°23'	13°36'	7°42'	20° 1	27°48'	20° 2	13°41'	15° 0	13°36'	12° 5	1°37'	2°33'	W12
T 13	13 58 36	1°22'41"	22°33'	20°51'	14°49'	8°28'	20° 2	27°46'	20° 1	13°40'	15° 0	13°32'	12° 2	1°44'	2°32'	T 13
F 14	14 2 32	2°20'56"	7°35'	20°23'	16° 3	9°13'	20° 3	27°45'	20° 1	13°38'	15° 0	13°26'	11°59'	1°51'	2°31'	F 14
S 15	14 6 29	3°19'08"	22°26'	19°59'	17°17'	9°59'	20° 4	27°43'	20° 1	13°37'	15° 0	13°18'	11°56'	1°57'	2°30'	S 15
S 16	14 10 25	4°17'19"	6°58'	19°39'	18°30'	10°45'	20° 6	27°42'	20° 1	13°35'	15° 0	13°10'	11°52'	2° 4	2°29'	S 16
M17	14 14 22	5°15'28"	21° 4	19°24'	19°44'	11°31'	20° 7	27°40'	20° 0	13°34'	15° 0	13° 3	11°49'	2°11'	2°28'	M17
T 18	14 18 19	6°13'35"	4°42'	19°13'	20°58'	12°16'	20° 9	27°38'	20° 0	13°32'	15°D 0	12°57'	11°46'	2°17'	2°28'	T 18
W19	14 22 15	7°11'41"	17°51'	19° 7	22°11'	13° 2	20°11'	27°36'	20°D 0	13°31'	15° 0	12°53'	11°43'	2°24'	2°27'	W19
T 20	14 26 12	8° 9'44"	0°36'	19°D 5	23°25'	13°47'	20°13'	27°34'	20° 0	13°29'	15° 0	12°51'	11°40'	2°31'	2°27'	T 20
F 21	14 30 8	9° 7'45"	12°58'	19° 9	24°38'	14°33'	20°16'	27°32'	20° 1	13°28'	15° 0	12°D51	11°37'	2°37'	2°27'	F 21
S 22	14 34 5	10° 5'44"	25° 4	19°17'	25°52'	15°18'	20°18'	27°30'	20° 1	13°26'	15° 0	12°52'	11°33'	2°44'	2°D27	S 22
S 23	14 38 1	11° 3'41"	6°59'	19°29'	27° 6	16° 4	20°21'	27°28'	20° 1	13°25'	15° 0	12°R53	11°30'	2°51'	2°27'	S 23
M24	14 41 58	12° 1'37"	18°47'	19°47'	28°19'	16°49'	20°24'	27°25'	20° 1	13°23'	15° 0	12°53'	11°27'	2°57'	2°27'	M24
T 25	14 45 54	12°59'31"	0°34'	20° 8	29°33'	17°34'	20°27'	27°23'	20° 1	13°22'	15° 0	12°51'	11°24'	3° 4	2°27'	T 25
W26	14 49 51	13°57'23"	12°23'	20°34'	0°46'	18°20'	20°30'	27°20'	20° 2	13°21'	15° 1	12°47'	11°21'	3°11'	2°28'	W26
T 27	14 53 48	14°55'13"	24°18'	21° 4	2° 0	19° 5	20°34'	27°18'	20° 2	13°19'	15° 1	12°40'	11°17'	3°17'	2°28'	T 27
F 28	14 57 44	15°53'02"	6°22'	21°38'	3°14'	19°50'	20°37'	27°15'	20° 3	13°18'	15° 1	12°32'	11°14'	3°24'	2°29'	F 28
S 29	15 1 41	16°50'49"	18°35'	22°16'	4°27'	20°35'	20°41'	27°12'	20° 3	13°17'	15° 1	12°21'	11°11'	3°31'	2°30'	S 29
S 30	15 5 37	17°48'35"	0°59'	22°Y58	5°41'	21°Y20	20°45'	27°11'	20°4	13°15'	15°2	12°19'	11°10'	3°37'	2°31'	S 30

Delta T = 06m14s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1458

geocentric

MAY 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	15 9 34	18♂46'19	13♂35	23♀44	6♂54	22♀5	20♂49	27°R 6	20♂4	13°R14	15♂2	11°R58	11♂5	3♂44	2♂31	M 1
T 2	15 13 30	19°44'02	26°22	24°33	8° 8	22°50	20°53	27♂4	20° 5	13♂13	15° 3	11♂48	11° 2	3°51	2°33	T 2
W 3	15 17 27	20°41'44	9♂21	25°26	9°21	23°35	20°57	27° 0	20° 6	13°12	15° 3	11°39	10°58	3°57	2°34	W 3
T 4	15 21 23	21°39'25	22°33	26°22	10°35	24°20	21° 2	26°57	20° 7	13°10	15° 3	11°34	10°55	4° 4	2°35	T 4
F 5	15 25 20	22°37'05	5♂58	27°21	11°49	25° 5	21° 7	26°54	20° 7	13° 9	15° 4	11°31	10°52	4°11	2°36	F 5
S 6	15 29 17	23°34'44	19°37	28°23	13° 2	25°50	21°11	26°51	20° 8	13° 8	15° 4	11°D30	10°49	4°17	2°38	S 6
S 7	15 33 13	24°32'22	3♂31	29°28	14°16	26°34	21°16	26°48	20° 9	13° 7	15° 5	11°R30	10°46	4°24	2°40	S 7
M 8	15 37 10	25°29'58	17°41	0♂37	15°29	27°19	21°22	26°44	20°10	13° 6	15° 5	11°30	10°42	4°31	2°41	M 8
T 9	15 41 6	26°27'34	2♀6	1°48	16°43	28° 4	21°27	26°41	20°11	13° 5	15° 6	11°28	10°39	4°37	2°43	T 9
W10	15 45 3	27°25'09	16°43	3° 2	17°57	28°48	21°32	26°37	20°12	13° 4	15° 7	11°25	10°36	4°44	2°45	W10
T 11	15 48 59	28°22'43	1♂26	4°18	19°10	29°33	21°38	26°34	20°14	13° 3	15° 7	11°19	10°33	4°50	2°47	T 11
F 12	15 52 56	29°20'16	16°11	5°38	20°24	0♂17	21°44	26°30	20°15	13° 2	15° 8	11°10	10°30	4°57	2°49	F 12
S 13	15 56 52	0♂17'48	0♂17'48	7° 0	21°37	1° 2	21°50	26°26	20°16	13° 1	15° 9	10°59	10°27	5° 4	2°52	S 13
S 14	16 0 49	1°15'19	15°11	8°25	22°51	1°46	21°56	26°23	20°17	13° 0	15° 9	10°48	10°23	5°10	2°54	S 14
M15	16 4 46	2°12'49	29°12	9°52	24° 5	23°30	22° 2	26°19	20°19	12°59	15°10	10°37	10°20	5°17	2°57	M15
T 16	16 8 42	3°10'17	12♂48	11°22	25°18	3°14	22° 8	26°15	20°20	12°58	15°11	10°28	10°17	5°24	2°59	T 16
W17	16 12 39	4° 7'45	25°59	12°55	26°32	3°59	22°15	26°11	20°22	12°57	15°12	10°21	10°14	5°30	3° 2	W17
T 18	16 16 35	5° 5'11	8♂45	14°30	27°45	4°43	22°21	26° 7	20°23	12°56	15°12	10°17	10°11	5°37	3° 5	T 18
F 19	16 20 32	6° 2'36	21° 9	16° 8	28°59	5°27	22°28	26° 3	20°25	12°55	15°13	10°15	10° 8	5°44	3° 8	F 19
S 20	16 24 28	6°59'59	3♂16	17°48	0♂12	6°11	22°35	25°59	20°26	12°54	15°14	10°14	10° 4	5°50	3°11	S 20
S 21	16 28 25	7°57'22	15°12	19°31	1°26	6°55	22°42	25°55	20°28	12°53	15°15	10°14	10° 1	5°57	3°14	S 21
M22	16 32 21	8°54'43	27° 1	21°17	2°40	7°38	22°49	25°51	20°30	12°53	15°16	10°13	9°58	6° 4	3°17	M22
T 23	16 36 18	9°52'04	8♂50	23° 4	3°53	8°22	22°56	25°47	20°31	12°52	15°17	10°11	9°55	6°10	3°20	T 23
W24	16 40 15	10°49'23	20°42	24°55	5° 7	9° 6	23° 4	25°43	20°33	12°51	15°18	10° 7	9°52	6°17	3°24	W24
T 25	16 44 11	11°46'42	2♂43	26°48	6°20	9°50	23°11	25°39	20°35	12°51	15°19	9°59	9°48	6°24	3°27	T 25
F 26	16 48 8	12°43'59	14°55	28°43	7°34	10°33	23°19	25°34	20°37	12°50	15°20	9°50	9°45	6°30	3°31	F 26
S 27	16 52 4	13°41'16	27°20	0♂40	8°48	11°17	23°27	25°30	20°39	12°49	15°21	9°38	9°42	6°37	3°35	S 27
S 28	16 56 1	14°38'32	10♂0	2°40	10° 1	12° 0	23°35	25°26	20°41	12°49	15°22	9°25	9°39	6°44	3°39	S 28
M29	16 59 57	15°35'47	22°54	4°41	11°15	12°44	23°43	25°22	20°43	12°48	15°23	9°13	9°36	6°50	3°43	M29
T 30	17 3 54	16°33'02	6♂2	6°45	12°29	13°27	23°51	25°17	20°45	12°48	15°24	9° 1	9°33	6°57	3°47	T 30
W31	17 7 50	17°30'16	19♂21	8♂50	13♂42	14♂11	23♂59	25♂13	20♂47	12♂47	15♂25	8♂52	9♂29	7♂4	3♂51	W31

Delta T = 06m14s

Julian Calendar 1 May 1458 == Greg. Calendar 10 May 1458

JUNE 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 11 47	18♂27'30	2♂52	10♂58	14♂56	14♂54	24♂7	25°R 9	20♂49	12°R47	15♂26	8°R46	9♂26	7♂10	3♂55	T 1
F 2	17 15 44	19°24'44	16°32	13° 6	16° 9	15°37	24°16	25♂4	20°51	12♂46	15°28	8♂42	9°23	7°17	3°59	F 2
S 3	17 19 40	20°21'57	0♂21	15°16	17°23	16°20	24°24	25° 0	20°53	12°46	15°29	8°40	9°20	7°24	4° 4	S 3
S 4	17 23 37	21°19'11	14°18	17°26	18°37	17° 3	24°33	24°55	20°56	12°45	15°30	8°40	9°17	7°30	4° 8	S 4
M 5	17 27 33	22°16'24	28°23	19°37	19°50	17°46	24°42	24°51	20°58	12°45	15°31	8°40	9°14	7°37	4°13	M 5
T 6	17 31 30	23°13'36	12♀35	21°48	21° 4	18°29	24°51	24°47	21° 0	12°45	15°33	8°39	9°10	7°44	4°18	T 6
W 7	17 35 26	24°10'49	26°54	24° 0	22°18	19°12	25° 0	24°42	21° 3	12°44	15°34	8°36	9° 7	7°50	4°22	W 7
T 8	17 39 23	25° 8'02	11♂14	26°11	23°31	19°55	25° 9	24°38	21° 5	12°44	15°35	8°30	9° 4	7°57	4°27	T 8
F 9	17 43 19	26° 5'15	25°34	28°22	24°45	20°38	25°18	24°33	21° 8	12°44	15°36	8°22	9° 1	8° 4	4°32	F 9
S 10	17 47 16	27° 2'28	9♂47	0♂32	25°59	21°21	25°27	24°29	21°10	12°44	15°38	8°12	8°58	8°10	4°37	S 10
S 11	17 51 13	27°59'41	23°48	2°41	27°13	22° 3	25°37	24°25	21°13	12°44	15°39	8° 1	8°54	8°17	4°42	S 11
M12	17 55 9	28°56'53	7♂33	4°49	28°26	22°46	25°46	24°20	21°15	12°44	15°41	7°50	8°51	8°24	4°48	M12
T 13	17 59 6	29°54'05	20° 7	6°55	29°40	23°29	25°56	24°16	21°18	12°43	15°42	7°41	8°48	8°30	4°53	T 13
W14	18 3 2	0♂51'18	4♂0	9° 1	0♂54	24°11	26° 6	24°11	21°21	12°43	15°43	7°35	8°45	8°37	4°58	W14
T 15	18 6 59	1°48'29	16°42	11° 4	2° 8	24°53	26°15	24° 7	21°23	12°D43	15°45	7°30	8°42	8°44	5° 4	T 15
F 16	18 10 55	2°45'41	29° 5	13° 6	3°21	25°36	26°25	24° 3	21°26	12°43	15°46	7°28	8°39	8°50	5° 9	F 16
S 17	18 14 52	3°42'52	11♂12	15° 6	4°35	26°18	26°35	23°58	21°29	12°43	15°48	7°D28	8°35	8°57	5°15	S 17
S 18	18 18 49	4°40'03	23° 8	17° 4	5°49	27° 0	26°45	23°54	21°32	12°43	15°49	7°29	8°32	9° 4	5°21	S 18
M19	18 22 45	5°37'14	4♂59	19° 0	7° 3	27°42	26°55	23°50	21°35	12°44	15°51	7°R29	8°29	9°10	5°26	M19
T 20	18 26 42	6°34'24	16°49	20°55	8°16	28°24	27° 6	23°46	21°37	12°44	15°52	7°29	8°26	9°17	5°32	T 20
W21	18 30 38	7°31'35	28°44	22°47	9°30	29° 6	27°16	23°41	21°40	12°44	15°54	7°26	8°23	9°24	5°38	W21
T 22	18 34 35	8°28'45	10♂48	24°38	10°44	29°48	27°26	23°37	21°43	12°44	15°55	7°22	8°20	9°30	5°44	T 22
F 23	18 38 31	9°25'55	23° 6	26°26	11°58	0♂30	27°37	23°33	21°46	12°44	15°57	7°15	8°16	9°37	5°50	F 23
S 24	18 42 28	10°23'05	5♂40	28°13	13°11	1°12	27°47	23°29	21°49	12°45	15°59	7° 7	8°13	9°44	5°57	S 24
S 25	18 46 24	11°20'16	18°32	29°57	14°25	1°54	27°58	23°25	21°52	12°45	16° 0	6°58	8°10	9°50	6° 3	S 25
M26	18 50 21	12°17'27	1♂43	1♂40	15°39	2°36	28° 9	23°21	21°55	12°45	16° 2	6°48	8° 7	9°57	6° 9	M26
T 27	18 54 18	13°14'37	15°11	3°21	16°53	3°17	28°20	23°17	21°58	12°46	16° 4	6°40	8° 4	10° 4	6°15	T 27
W28	18 58 14	14°11'49	28°54	4°59	18° 7	3°59	28°30	23°13	22° 2	12°46	16° 5	6°33	8° 0	10°10	6°22	W28
T 29	19 2 11	15° 9'00	12♂49	6°36	19°20	4°40	28°41	23° 9	22° 5	12°46	16° 7	6°29	7°57	10°17	6°28	T 29
F 30	19 6 7	16° 6'12	26♂53	8♂11	20♂34	5♂22	28♂52	23♂5	22♂8	12♂47	16♂9	6♂27	7♂54	10♂24	6♂35	F 30

Delta T = 06m14s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1458

geocentric

JULY 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 10 4	17°32'5	11°11'	9°44'	21°48'	6°11'	29°42'	23°R 1	22°11'	12°47'	16°10'	6°D26	7°51'	10°30'	6°42'	S 1
S 2	19 14 0	18° 0'38	25°13'	11°14'	23° 2'	6°44'	29°15'	22°57'	22°14'	12°48'	16°12'	6°27'	7°48'	10°37'	6°48'	S 2
M 3	19 17 57	18°57'52	9°24'	12°43'	24°16'	7°25'	29°26'	22°54'	22°18'	12°48'	16°14'	6°28'	7°45'	10°44'	6°55'	M 3
T 4	19 21 53	19°55'07	23°34'	14°10'	25°30'	8° 7'	29°37'	22°50'	22°21'	12°49'	16°15'	6°R28	7°41'	10°50'	7° 2'	T 4
W 5	19 25 50	20°52'23	7°42'	15°34'	26°44'	8°48'	29°48'	22°46'	22°24'	12°50'	16°17'	6°27'	7°38'	10°57'	7° 9'	W 5
T 6	19 29 47	21°49'40	21°45'	16°57'	27°58'	9°29'	29°59'	22°43'	22°28'	12°50'	16°19'	6°24'	7°35'	11° 4'	7°16'	T 6
F 7	19 33 43	22°46'58	5°11'	18°18'	29°11'	10°10'	0°11'	22°39'	22°31'	12°51'	16°21'	6°19'	7°32'	11°10'	7°23'	F 7
S 8	19 37 40	23°44'16	19°28'	19°36'	0°25'	10°50'	0°23'	22°36'	22°34'	12°52'	16°22'	6°13'	7°29'	11°17'	7°30'	S 8
S 9	19 41 36	24°41'36	3°36'	20°52'	1°39'	11°31'	0°35'	22°32'	22°38'	12°52'	16°24'	6° 6'	7°26'	11°24'	7°37'	S 9
M10	19 45 33	25°38'56	16°24'	22° 6'	2°53'	12°12'	0°46'	22°29'	22°41'	12°53'	16°26'	6° 0'	7°22'	11°30'	7°44'	M10
T 11	19 49 29	26°36'17	29°29'	23°18'	4° 7'	12°53'	0°58'	22°26'	22°45'	12°54'	16°28'	5°54'	7°19'	11°37'	7°51'	T 11
W12	19 53 26	27°33'39	12°17'	24°27'	5°21'	13°33'	1°10'	22°22'	22°48'	12°55'	16°30'	5°50'	7°16'	11°44'	7°59'	W12
T 13	19 57 22	28°31'02	24°48'	25°34'	6°35'	14°14'	1°21'	22°19'	22°52'	12°56'	16°32'	5°48'	7°13'	11°50'	8° 6'	T 13
F 14	20 1 19	29°28'25	7°19'	26°38'	7°49'	14°54'	1°33'	22°16'	22°55'	12°56'	16°33'	5°D47	7°10'	11°57'	8°13'	F 14
S 15	20 5 16	0°25'49	19° 9'	27°39'	9° 3'	15°35'	1°45'	22°13'	22°59'	12°57'	16°35'	5°48'	7° 6'	12° 4'	8°21'	S 15
S 16	20 9 12	1°23'13	1° 4'	28°38'	10°17'	16°15'	1°57'	22°10'	23° 2'	12°58'	16°37'	5°49'	7° 3'	12°10'	8°28'	S 16
M17	20 13 9	2°20'38	12°54'	29°34'	11°31'	16°55'	2° 9'	22° 7'	23° 6'	12°59'	16°39'	5°51'	7° 0'	12°17'	8°36'	M17
T 18	20 17 5	3°18'04	24°45'	0°27'	12°45'	17°35'	2°21'	22° 5'	23° 9'	13° 0'	16°41'	5°52'	6°57'	12°24'	8°44'	T 18
W19	20 21 2	4°15'31	6°11'	1°16'	13°59'	18°15'	2°33'	22° 2'	23°13'	13° 1'	16°43'	5°R53	6°54'	12°30'	8°51'	W19
T 20	20 24 58	5°12'58	18°44'	2° 3'	15°13'	18°55'	2°46'	21°59'	23°16'	13° 2'	16°45'	5°52'	6°51'	12°37'	8°59'	T 20
F 21	20 28 55	6°10'27	1°17'	2°45'	16°27'	19°35'	2°58'	21°57'	23°20'	13° 3'	16°46'	5°50'	6°47'	12°44'	9° 6'	F 21
S 22	20 32 51	7° 7'56	13°40'	3°25'	17°41'	20°15'	3°10'	21°54'	23°24'	13° 5'	16°48'	5°46'	6°44'	12°50'	9°14'	S 22
S 23	20 36 48	8° 5'26	26°39'	4° 0'	18°55'	20°55'	3°22'	21°52'	23°27'	13° 6'	16°50'	5°42'	6°41'	12°57'	9°22'	S 23
M24	20 40 45	9° 2'57	9°35'	4°31'	20° 9'	21°35'	3°35'	21°50'	23°31'	13° 7'	16°52'	5°38'	6°38'	13° 4'	9°30'	M24
T 25	20 44 41	10° 0'29	23°42'	4°58'	21°23'	22°14'	3°47'	21°47'	23°35'	13° 8'	16°54'	5°35'	6°35'	13°10'	9°38'	T 25
W26	20 48 38	10°58'02	7°45'	5°20'	22°37'	22°54'	3°59'	21°45'	23°38'	13° 9'	16°56'	5°32'	6°32'	13°17'	9°46'	W26
T 27	20 52 34	11°55'36	22° 4'	5°38'	23°51'	23°33'	4°12'	21°43'	23°42'	13°11'	16°58'	5°30'	6°28'	13°24'	9°54'	T 27
F 28	20 56 31	12°53'11	6°13'	5°51'	25° 5'	24°13'	4°24'	21°41'	23°46'	13°12'	17° 0'	5°D30	6°25'	13°30'	10° 2'	F 28
S 29	21 0 27	13°50'48	21° 7'	5°59'	26°19'	24°52'	4°37'	21°39'	23°49'	13°13'	17° 2'	5°30'	6°22'	13°37'	10°10'	S 29
S 30	21 4 24	14°48'26	5°41'	6°R 1	27°33'	25°31'	4°49'	21°38'	23°53'	13°15'	17° 4'	5°31'	6°19'	13°44'	10°18'	S 30
M31	21 8 20	15°46'06	20°10'	5°58'	28°47'	26°11'	5°19'	21°36'	23°57'	13°16'	17° 5'	5°33'	6°16'	13°50'	10°26'	M31

Delta T = 06m14s

Julian Calendar 1 July 1458 == Greg. Calendar 10 July 1458

AUGUST 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	21 12 17	16°43'48	4°29'	5°R50	0°19'	26°11'	5°15'	21°R34	24°10'	13°17'	17°10'	5°34'	6°12'	13°57'	10°34'	T 1
W 2	21 16 13	17°41'31	18°37'	5°15'	1°15'	27°29'	5°27'	21°33'	24° 4'	13°19'	17° 9'	5°R34	6° 9'	14° 4'	10°43'	W 2
T 3	21 20 10	18°39'16	2°11'	5°15'	2°29'	28° 8'	5°40'	21°33'	24° 8'	13°20'	17°11'	5°33'	6° 6'	14°10'	10°51'	T 3
F 4	21 24 7	19°37'02	16°11'	4°50'	3°43'	28°46'	5°53'	21°30'	24°12'	13°22'	17°13'	5°32'	6° 3'	14°17'	10°59'	F 4
S 5	21 28 3	20°34'51	29°37'	4°19'	4°57'	29°25'	6° 5'	21°29'	24°15'	13°23'	17°15'	5°31'	6° 0'	14°24'	11° 7'	S 5
S 6	21 32 0	21°32'41	12°48'	3°42'	6°11'	0°36'	6°18'	21°28'	24°19'	13°25'	17°17'	5°29'	5°57'	14°30'	11°16'	S 6
M 7	21 35 56	22°30'32	25°45'	3° 1'	7°25'	0°43'	6°31'	21°27'	24°23'	13°26'	17°19'	5°27'	5°53'	14°37'	11°24'	M 7
T 8	21 39 53	23°28'26	8°28'	2°15'	8°39'	1°21'	6°44'	21°26'	24°27'	13°28'	17°21'	5°25'	5°50'	14°44'	11°32'	T 8
W 9	21 43 49	24°26'21	20°58'	1°26'	9°53'	2° 0'	6°56'	21°25'	24°30'	13°29'	17°23'	5°24'	5°47'	14°51'	11°41'	W 9
T 10	21 47 46	25°24'17	3°16'	0°33'	11° 7'	2°38'	7° 9'	21°24'	24°34'	13°31'	17°25'	5°D24	5°44'	14°57'	11°49'	T 10
F 11	21 51 42	26°22'15	15°24'	29°13'	12°21'	3°16'	7°22'	21°23'	24°38'	13°33'	17°26'	5°24'	5°41'	15° 4'	11°58'	F 11
S 12	21 55 39	27°20'14	27°22'	28°43'	13°35'	3°54'	7°35'	21°23'	24°42'	13°34'	17°28'	5°25'	5°37'	15°11'	12° 6'	S 12
S 13	21 59 36	28°18'15	9°15'	27°48'	14°49'	4°33'	7°48'	21°22'	24°45'	13°36'	17°30'	5°25'	5°34'	15°17'	12°15'	S 13
M14	22 3 32	29°16'18	21° 4'	26°54'	16° 3'	5°11'	8° 1'	21°22'	24°49'	13°38'	17°32'	5°26'	5°31'	15°24'	12°23'	M14
T 15	22 7 29	0°14'22	2°15'	26° 2'	17°17'	5°49'	8°14'	21°22'	24°53'	13°39'	17°34'	5°27'	5°28'	15°31'	12°32'	T 15
W16	22 11 25	1°12'27	14°48'	25°14'	18°31'	6°26'	8°27'	21°21'	24°57'	13°41'	17°36'	5°27'	5°25'	15°37'	12°40'	W16
T 17	22 15 22	2°10'34	26°51'	24°31'	19°45'	7° 4'	8°40'	21°21'	25° 0'	13°43'	17°38'	5°27'	5°22'	15°44'	12°49'	T 17
F 18	22 19 18	3° 8'42	9°18'	23°53'	20°59'	7°42'	8°53'	21°D21	25° 4'	13°45'	17°40'	5°R27	5°18'	15°51'	12°57'	F 18
S 19	22 23 15	4° 6'52	21°42'	23°22'	22°13'	8°19'	9° 6'	21°21'	25° 8'	13°47'	17°41'	5°27'	5°15'	15°57'	13° 6'	S 19
S 20	22 27 11	5° 5'03	4°38'	22°59'	23°28'	8°57'	9°19'	21°22'	25°12'	13°48'	17°43'	5°D27	5°12'	16° 4'	13°15'	S 20
M21	22 31 8	6° 3'16	17°59'	22°43'	24°42'	9°34'	9°31'	21°22'	25°15'	13°50'	17°45'	5°27'	5° 9'	16°11'	13°23'	M21
T 22	22 35 5	7° 1'30	1°46'	22°D36	25°56'	10°12'	9°44'	21°22'	25°19'	13°52'	17°47'	5°27'	5° 6'	16°17'	13°32'	T 22
W23	22 39 1	7°59'46	15°57'	22°38'	27°10'	10°49'	9°57'	21°23'	25°23'	13°54'	17°49'	5°27'	5° 3'	16°24'	13°40'	W23
T 24	22 42 58	8°58'04	0°13'	22°49'	28°23'	11°26'	10°10'	21°23'	25°26'	13°56'	17°51'	5°R28	4°59'	16°31'	13°49'	T 24
F 25	22 46 54	9°56'23	15°20'	23° 9'	29°37'	12° 3'	10°23'	21°24'	25°30'	13°58'	17°52'	5°28'	4°56'	16°37'	13°58'	F 25
S 26	22 50 51	10°54'44	0°19'	23°38'	0°51'	12°40'	10°36'	21°25'	25°34'	14° 0'	17°54'	5°27'	4°53'	16°44'	14° 6'	S 26
S 27	22 54 47	11°53'08	15°17'	24°16'	2° 5'	13°17'	10°49'	21°26'	25°37'	14° 2'	17°56'	5°27'	4°50'	16°51'	14°15'	S 27
M28	22 58 44	12°51'33	0°19'	25° 2'	3°19'	13°54'	11° 2'	21°27'	25°41'	14° 4'	17°58'	5°26'	4°47'	16°57'	14°24'	M28
T 29	23 2 40	13°50'00	14°46'	25°56'	4°33'	14°30'	11°15'	21°28'	25°45'	14° 6'	18° 0'	5°25'	4°43'	17° 4'	14°32'	T 29
W30	23 6 37	14°48'30	29° 4'	26°57'	5°47'	15° 7'	11°28'	21°29'	25°48'	14° 8'	18° 1'	5°24'	4°40'	17°11'	14°41'	W30
T 31	23 10 34	15°47'02	13°11'	28°10'	7°10'	15°43'	11°19'	21°30'	25°52'	14°10'	18°10'	5°D24	4°37'	17°15'	14°50'	T 31

Delta T = 06m14s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1458

geocentric

SEPTEMBER 1458 JC

00:00 UT

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

Delta T = 06m14s

Julian Calendar 1 Sept. 1458 == Greg. Calendar 10 Sept. 1458

OCTOBER 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 12 47	16 ^h 18'22	2 ^h 24	20 ^h 31	15 ^h 10	3 ^h 28	18 ^h 15	22 ^h 54	27 ^h 32	15 ^h 17	18 ^h 49	4 ^h 44	2 ^h 59	20 ^h 45	19 ^h 13	S 1
M 2	1 16 43	17 ^h 18'00	14 ^h 53	22 ^h 10	16 ^h 23	4 ^h 11	18 ^h 27	22 ^h 59	27 ^h 35	15 ^h 19	18 ^h 50	4 ^h 46	2 ^h 55	20 ^h 51	19 ^h 21	M 2
T 3	1 20 40	18 ^h 17'40	27 ^h 7	23 ^h 48	17 ^h 37	4 ^h 43	18 ^h 39	23 ^h 3	27 ^h 37	15 ^h 21	18 ^h 51	4 ^h 47	2 ^h 52	20 ^h 58	19 ^h 29	T 3
W 4	1 24 36	19 ^h 17'22	9 ^h 10	25 ^h 25	18 ^h 50	5 ^h 16	18 ^h 51	23 ^h 7	27 ^h 40	15 ^h 24	18 ^h 52	4 ^h R47	2 ^h 49	21 ^h 5	19 ^h 37	W 4
T 5	1 28 33	20 ^h 17'07	21 ^h 5	27 ^h 2	20 ^h 4	5 ^h 48	19 ^h 3	23 ^h 11	27 ^h 43	15 ^h 26	18 ^h 54	4 ^h 46	2 ^h 46	21 ^h 11	19 ^h 45	T 5
F 6	1 32 29	21 ^h 16'53	2 ^h 56	28 ^h 38	21 ^h 18	6 ^h 20	19 ^h 15	23 ^h 16	27 ^h 45	15 ^h 28	18 ^h 55	4 ^h 42	2 ^h 43	21 ^h 18	19 ^h 53	F 6
S 7	1 36 26	22 ^h 16'42	14 ^h 46	0 ^h 13	22 ^h 31	6 ^h 52	19 ^h 27	23 ^h 20	27 ^h 48	15 ^h 30	18 ^h 56	4 ^h 36	2 ^h 40	21 ^h 25	20 ^h 1	S 7
S 8	1 40 22	23 ^h 16'33	26 ^h 35	1 ^h 48	23 ^h 45	7 ^h 23	19 ^h 39	23 ^h 25	27 ^h 50	15 ^h 32	18 ^h 57	4 ^h 28	2 ^h 36	21 ^h 31	20 ^h 9	S 8
M 9	1 44 19	24 ^h 16'25	8 ^h 27	3 ^h 23	24 ^h 58	7 ^h 55	19 ^h 51	23 ^h 29	27 ^h 53	15 ^h 35	18 ^h 58	4 ^h 18	2 ^h 33	21 ^h 38	20 ^h 17	M 9
T 10	1 48 16	25 ^h 16'20	20 ^h 22	4 ^h 57	26 ^h 12	8 ^h 26	20 ^h 2	23 ^h 34	27 ^h 55	15 ^h 37	18 ^h 59	4 ^h 8	2 ^h 30	21 ^h 45	20 ^h 24	T 10
W 11	1 52 12	26 ^h 16'17	2 ^h 23	6 ^h 30	27 ^h 25	8 ^h 57	20 ^h 14	23 ^h 39	27 ^h 58	15 ^h 39	19 ^h 0	3 ^h 58	2 ^h 27	21 ^h 52	20 ^h 32	W 11
T 12	1 56 9	27 ^h 16'15	14 ^h 30	8 ^h 3	28 ^h 39	9 ^h 28	20 ^h 26	23 ^h 44	28 ^h 0	15 ^h 41	19 ^h 0	3 ^h 49	2 ^h 24	21 ^h 58	20 ^h 40	T 12
F 13	2 0 5	28 ^h 16'15	26 ^h 48	9 ^h 36	29 ^h 52	9 ^h 59	20 ^h 37	23 ^h 48	28 ^h 2	15 ^h 44	19 ^h 1	3 ^h 43	2 ^h 20	22 ^h 5	20 ^h 47	F 13
S 14	2 4 2	29 ^h 16'17	9 ^h 38	11 ^h 8	1 ^h 2 6	10 ^h 29	20 ^h 49	23 ^h 53	28 ^h 5	15 ^h 46	19 ^h 2	3 ^h 38	2 ^h 17	22 ^h 12	20 ^h 55	S 14
S 15	2 7 58	0 ^h 16'20	22 ^h 3	12 ^h 39	2 ^h 19	11 ^h 0	21 ^h 0	23 ^h 58	28 ^h 7	15 ^h 48	19 ^h 3	3 ^h 36	2 ^h 14	22 ^h 18	21 ^h 2	S 15
M 16	2 11 55	1 ^h 16'25	5 ^h 9	14 ^h 10	3 ^h 33	11 ^h 30	21 ^h 11	24 ^h 4	28 ^h 9	15 ^h 50	19 ^h 4	3 ^h D36	2 ^h 11	22 ^h 25	21 ^h 10	M 16
T 17	2 15 51	2 ^h 16'32	18 ^h 38	15 ^h 41	4 ^h 46	12 ^h 0	21 ^h 23	24 ^h 9	28 ^h 11	15 ^h 52	19 ^h 5	3 ^h 36	2 ^h 8	22 ^h 32	21 ^h 17	T 17
W 18	2 19 48	3 ^h 16'40	2 ^h 32	17 ^h 11	5 ^h 59	12 ^h 30	21 ^h 34	24 ^h 14	28 ^h 13	15 ^h 54	19 ^h 6	3 ^h R37	2 ^h 5	22 ^h 38	21 ^h 25	W 18
T 19	2 23 45	4 ^h 16'49	16 ^h 53	18 ^h 41	7 ^h 13	12 ^h 59	21 ^h 45	24 ^h 19	28 ^h 15	15 ^h 57	19 ^h 5	3 ^h 36	2 ^h 1	22 ^h 45	21 ^h 32	T 19
F 20	2 27 41	5 ^h 17'01	1 ^h 38	20 ^h 10	8 ^h 26	13 ^h 29	21 ^h 56	24 ^h 25	28 ^h 17	15 ^h 59	19 ^h 7	3 ^h 33	1 ^h 58	22 ^h 52	21 ^h 39	F 20
S 21	2 31 38	6 ^h 17'13	16 ^h 43	21 ^h 39	9 ^h 39	13 ^h 58	22 ^h 7	24 ^h 30	28 ^h 19	16 ^h 1	19 ^h 7	3 ^h 28	1 ^h 55	22 ^h 58	21 ^h 46	S 21
S 22	2 35 34	7 ^h 17'28	2 ^h 0	23 ^h 7	10 ^h 53	14 ^h 27	22 ^h 18	24 ^h 35	28 ^h 21	16 ^h 3	19 ^h 8	3 ^h 20	1 ^h 52	23 ^h 5	21 ^h 54	S 22
M 23	2 39 31	8 ^h 17'44	17 ^h 17	24 ^h 35	12 ^h 6	14 ^h 56	22 ^h 29	24 ^h 41	28 ^h 23	16 ^h 5	19 ^h 9	3 ^h 10	1 ^h 49	23 ^h 12	22 ^h 1	M 23
T 24	2 43 27	9 ^h 18'02	2 ^h 22	26 ^h 2	13 ^h 19	15 ^h 24	22 ^h 40	24 ^h 47	28 ^h 25	16 ^h 7	19 ^h 9	3 ^h 0	1 ^h 45	23 ^h 18	22 ^h 8	T 24
W 25	2 47 24	10 ^h 18'22	17 ^h 9	27 ^h 28	14 ^h 32	15 ^h 53	22 ^h 50	24 ^h 52	28 ^h 27	16 ^h 9	19 ^h 10	2 ^h 51	1 ^h 42	23 ^h 25	22 ^h 15	W 25
T 26	2 51 20	11 ^h 18'44	1 ^h 27	28 ^h 54	15 ^h 45	16 ^h 21	23 ^h 1	24 ^h 58	28 ^h 28	16 ^h 11	19 ^h 10	2 ^h 43	1 ^h 39	23 ^h 32	22 ^h 22	T 26
F 27	2 55 17	12 ^h 19'08	15 ^h 16	0 ^h 20	16 ^h 59	16 ^h 49	23 ^h 11	25 ^h 4	28 ^h 30	16 ^h 13	19 ^h 11	2 ^h 37	1 ^h 36	23 ^h 39	22 ^h 28	F 27
S 28	2 59 14	13 ^h 19'34	28 ^h 34	1 ^h 44	18 ^h 12	17 ^h 16	23 ^h 22	25 ^h 9	28 ^h 31	16 ^h 16	19 ^h 11	2 ^h 34	1 ^h 33	23 ^h 45	22 ^h 35	S 28
S 29	3 3 10	14 ^h 20'01	11 ^h 25	3 ^h 8	19 ^h 25	17 ^h 44	23 ^h 32	25 ^h 15	28 ^h 33	16 ^h 18	19 ^h 12	2 ^h D33	1 ^h 30	23 ^h 52	22 ^h 42	S 29
M 30	3 7 7	15 ^h 20'31	23 ^h 54	4 ^h 31	20 ^h 38	18 ^h 11	23 ^h 42	25 ^h 21	28 ^h 35	16 ^h 20	19 ^h 12	2 ^h 34	1 ^h 26	23 ^h 59	22 ^h 48	M 30
T 31	3 11 3	16 ^h 21'02	6 ^h 5	5 ^h 25	21 ^h 51	18 ^h 28	23 ^h 52	25 ^h 27	28 ^h 36	16 ^h 22	19 ^h 13	2 ^h R34	1 ^h 23	24 ^h 5	22 ^h 55	T 31

ASTRODIENST EPHEMERIS for the year 1458
geocentric

NOVEMBER 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	3 15 0	17♏21'35	18♏3	7♏14	23♏4	19♏5	24♏2	25♏33	28♏37	16♏24	19♏13	2°R33	1♏20	24♏12	23♏1	W 1
T 2	3 18 56	18°22'10	29°55	8°34	24°17	19°31	24°12	25°39	28°39	16°26	19°13	2♏29	1°17	24°19	23°8	T 2
F 3	3 22 53	19°22'47	11♏43	9°53	25°30	19°57	24°22	25°45	28°40	16°28	19°13	2°23	1°14	24°25	23°14	F 3
S 4	3 26 49	20°23'25	23°32	11°10	26°43	20°23	24°32	25°51	28°41	16°29	19°14	2°14	1°11	24°32	23°20	S 4
S 5	3 30 46	21°24'05	5♏24	12°25	27°56	20°49	24°42	25°58	28°42	16°31	19°14	2°2	1°7	24°39	23°27	S 5
M 6	3 34 43	22°24'47	17°21	13°38	29°9	21°14	24°51	26°4	28°43	16°33	19°14	1°49	1°4	24°46	23°33	M 6
T 7	3 38 39	23°25'30	29°25	14°49	0♏21	21°39	25°1	26°10	28°45	16°35	19°14	1°34	1°1	24°52	23°39	T 7
W 8	3 42 36	24°26'14	11♏36	15°58	1°34	22°4	25°10	26°16	28°46	16°37	19°14	1°19	0°58	24°59	23°45	W 8
T 9	3 46 32	25°27'00	23°55	17°4	2°47	22°28	25°19	26°23	28°47	16°39	19°15	1°6	0°55	25°6	23°50	T 9
F 10	3 50 29	26°27'46	6♏23	18°6	4°0	22°52	25°28	26°29	28°47	16°41	19°15	0°56	0°51	25°12	23°56	F 10
S 11	3 54 25	27°28'34	19°1	19°5	5°12	23°16	25°37	26°36	28°48	16°43	19°15	0°48	0°48	25°19	24°2	S 11
S 12	3 58 22	28°29'23	1♏52	20°0	6°25	23°39	25°46	26°42	28°49	16°44	19°15	0°44	0°45	25°26	24°7	S 12
M13	4 2 18	29°30'13	14°58	20°49	7°38	24°2	25°55	26°49	28°50	16°46	19°15	0°42	0°42	25°32	24°13	M13
T 14	4 6 15	0♏31'04	28°21	21°33	8°50	24°25	26°4	26°55	28°50	16°48	19°15	0°42	0°39	25°39	24°18	T 14
W15	4 10 12	1°31'56	12♏5	22°11	10°3	24°48	26°12	27°2	28°51	16°50	19°15	0°42	0°36	25°46	24°24	W15
T 16	4 14 8	2°32'48	26°10	22°42	11°15	25°10	26°21	27°8	28°52	16°51	19°15	0°40	0°32	25°53	24°29	T 16
F 17	4 18 5	3°33'42	10♏36	23°5	12°27	25°31	26°29	27°15	28°52	16°53	19°14	0°37	0°29	25°59	24°34	F 17
S 18	4 22 1	4°34'36	25°21	23°20	13°40	25°53	26°37	27°22	28°53	16°55	19°14	0°31	0°26	26°6	24°39	S 18
S 19	4 25 58	5°35'31	10♏20	23°R25	14°52	26°14	26°45	27°28	28°53	16°56	19°14	0°22	0°23	26°13	24°44	S 19
M20	4 29 54	6°36'27	25°23	23°20	16°4	26°34	26°53	27°35	28°53	16°58	19°14	0°10	0°20	26°19	24°49	M20
T 21	4 33 51	7°37'23	10♏21	23°3	17°16	26°55	27°1	27°42	28°54	16°59	19°14	29♏58	0°17	26°26	24°54	T 21
W22	4 37 47	8°38'21	25°4	22°36	18°28	27°15	27°9	27°49	28°54	17°1	19°13	29°47	0°13	26°33	24°58	W22
T 23	4 41 44	9°39'20	9♏25	21°57	19°40	27°34	27°16	27°55	28°54	17°3	19°13	29°37	0°10	26°39	25°3	T 23
F 24	4 45 41	10°40'20	23°18	21°7	20°52	27°53	27°23	28°2	28°54	17°4	19°13	29°30	0°7	26°46	25°7	F 24
S 25	4 49 37	11°41'21	6♏43	20°7	22°4	28°12	27°31	28°9	28°54	17°6	19°12	29°26	0°4	26°53	25°12	S 25
S 26	4 53 34	12°42'23	19°40	18°58	23°16	28°30	27°38	28°16	28°R54	17°7	19°12	29°24	0°1	27°0	25°16	S 26
M27	4 57 30	13°43'26	2♏13	17°41	24°28	28°48	27°45	28°23	28°54	17°8	19°11	29°D24	29♏57	27°6	25°20	M27
T 28	5 1 27	14°44'30	14°27	16°20	25°39	29°5	27°52	28°30	28°54	17°10	19°11	29°R24	29°54	27°13	25°24	T 28
W29	5 5 23	15°45'35	26°27	14°57	26°51	29°22	27°58	28°37	28°54	17°11	19°11	29°23	29°51	27°20	25°28	W29
T 30	5 9 20	16°46'41	8♏19	13°35	28♏2	29♏38	28♏5	28°44	28♏54	17♏13	19♏10	29♏21	29♏48	27♏26	25♏32	T 30

Delta T = 06m13s

Julian Calendar 1 Nov. 1458 == Greg. Calendar 10 Nov. 1458

DECEMBER 1458 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	5 13 16	17♏47'47	20♏8	12°R17	29♏14	29♏54	28♏11	28♏51	28°R53	17♏14	19°R9	29°R16	29♏45	27♏33	25♏36	F 1
S 2	5 17 13	18°48'55	1♏58	11♏4	0♏25	0♏9	28°17	28°57	28♏53	17°15	19♏9	29♏9	29°42	27°40	25°39	S 2
S 3	5 21 10	19°50'03	13°54	10°0	1°36	0°24	28°24	29°4	28°53	17°17	19°8	28°59	29°38	27°46	25°43	S 3
M 4	5 25 6	20°51'12	25°57	9°4	2°48	0°39	28°30	29°11	28°52	17°18	19°8	28°47	29°35	27°53	25°46	M 4
T 5	5 29 3	21°52'22	8♏10	8°20	3°59	0°53	28°35	29°18	28°52	17°19	19°7	28°34	29°32	28°0	25°50	T 5
W 6	5 32 59	22°53'32	20°34	7°46	5°10	1°6	28°41	29°26	28°51	17°20	19°6	28°21	29°29	28°7	25°53	W 6
T 7	5 36 56	23°54'42	3♏9	7°22	6°21	1°19	28°46	29°33	28°51	17°21	19°6	28°9	29°26	28°13	25°56	T 7
F 8	5 40 52	24°55'53	15°55	7°10	7°31	1°31	28°52	29°40	28°50	17°22	19°5	28°0	29°23	28°20	25°59	F 8
S 9	5 44 49	25°57'04	28°52	7°D7	8°42	1°42	28°57	29°47	28°49	17°23	19°4	27°53	29°19	28°27	26°2	S 9
S 10	5 48 46	26°58'16	12♏0	7°14	9°53	1°53	29°2	29°54	28°49	17°25	19°3	27°49	29°16	28°33	26°4	S 10
M11	5 52 42	27°59'27	25°19	7°30	11°3	2°4	29°7	0♏1	28°48	17°26	19°3	27°D48	29°13	28°40	26°7	M11
T 12	5 56 39	29°0'38	8♏50	7°53	12°14	2°14	29°11	0°8	28°47	17°27	19°2	27°49	29°10	28°47	26°10	T 12
W13	6 0 35	0♏1'49	2♏34	8°23	13°24	2°23	29°16	0°15	28°46	17°28	19°1	27°49	29°7	28°53	26°12	W13
T 14	6 4 32	1°3'00	6♏31	9°0	14°34	2°32	29°20	0°22	28°45	17°28	19°0	27°R49	29°3	29°0	26°14	T 14
F 15	6 8 28	2°4'10	20°42	9°42	15°44	2°40	29°24	0°29	28°44	17°29	18°59	27°48	29°0	29°7	26°16	F 15
S 16	6 12 25	3°5'21	5♏6	10°30	16°54	2°47	29°28	0°36	28°43	17°30	18°58	27°44	28°57	29°14	26°18	S 16
S 17	6 16 21	4°6'31	19°38	11°22	18°3	2°54	29°32	0°43	28°42	17°31	18°57	27°38	28°54	29°20	26°20	S 17
M18	6 20 18	5°7'41	4♏14	12°18	19°13	3°0	29°36	0°50	28°40	17°32	18°56	27°30	28°51	29°27	26°22	M18
T 19	6 24 15	6°8'51	18°47	13°18	20°22	3°5	29°39	0°57	28°39	17°33	18°55	27°21	28°48	29°34	26°24	T 19
W20	6 28 11	7°10'00	3♏11	14°21	21°32	3°10	29°42	1°4	28°38	17°33	18°54	27°13	28°44	29°40	26°25	W20
T 21	6 32 8	8°11'10	17°18	15°26	22°41	3°14	29°45	1°11	28°37	17°34	18°53	27°6	28°41	29°47	26°27	T 21
F 22	6 36 4	9°12'19	1♏3	16°34	23°50	3°17	29°48	1°18	28°35	17°35	18°52	27°0	28°38	29°54	26°28	F 22
S 23	6 40 1	10°13'28	14°26	17°45	24°58	3°20	29°51	1°25	28°34	17°35	18°51	26°57	28°35	0♏1	26°29	S 23
S 24	6 43 57	11°14'37	27°24	18°57	26°7	3°21	29°54	1°32	28°32	17°36	18°50	26°D57	28°32	0°7	26°31	S 24
M25	6 47 54	12°15'46	10♏0	20°12	27°15	3°23	29°56	1°39	28°31	17°37	18°49	26°57	28°29	0°14	26°32	M25
T 26	6 51 50	13°16'55	22°18	21°28	28°24	3°R23	29°58	1°46	28°29	17°37	18°48	26°59	28°25	0°21	26°32	T 26
W27	6 55 47	14°18'03	4♏22	22°45	29°32	3°22	0♏0	1°53	28°28	17°38	18°47	27°0	28°22	0°27	26°33	W27
T 28	6 59 44	15°19'12	16°17	24°4	0♏40	3°21	0°2	2°0	28°26	17°38	18°46	27°R1	28°19	0°34	26°34	T 28
F 29	7 3 40	16°20'20	28°8	25°24	1°47	3°19	0°4	2°7	28°24	17°38	18°44	27°0	28°16	0°41	26°34	F 29
S 30	7 7 37	17°21'29	10♏0	26°45	2°55	3°17	0°5	2°14	28°23	17°39	18°43	26°57	28°13	0°47	26°35	S 30
S 31	7 11 33	18♏22'36	21♏57	28♏8	4♏2	3♏13	0♏6	2♏21	28♏21	17♏39	18♏42	26♏53	28♏9	0♏54	26♏35	S 31

Delta T = 06m13s

Julian Calendar