



Astrodienst Ephemeris Tables for the year 1462

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 1462
geocentric

JANUARY 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	7 16 34	19°34'20"	21°34'43"	5°37' 7"	22°38' 4"	21°38' 4"	20°37' 0"	2°37' 37"	12°R59	24°10'10"	24°R15	1°R10	0°34' 4"	3°37' 7"	15°18'18"	F 1
S 2	7 20 30	20°41'28"	3°38'51"	6°41' 23"	23°18' 21"	21°52' 20"	20°13' 2°	2°44' 12°	12°58'58"	24°10'10"	24°10'14"	1°38' 8"	0° 1"	3°14' 15"	15°23' 15"	S 2
S 3	7 24 27	21°42'35"	15°51' 27"	8°13' 9°	24°32' 25°	22°39' 23°	20°26' 20°	2°51' 2°	12°56'56"	24°11'24"	24°13'24"	1° 5'	29°58'58"	3°20' 3°	15°28' 15°	S 3
M 4	7 28 24	22°43'41"	27°46' 9°	9°42' 25°	25°45' 23°	26°26' 20°	20°38' 2°	2°58' 12°	12°55'55"	24°11'24"	24°12'24"	1° 1'	29°54'3°	3°27' 3°	15°33' 15°	M 4
T 5	7 32 20	23°44'46"	9°37'37"	11° 9'	26°59' 24°	24°13' 20°	20°51' 3°	3° 5'	12°54'54"	24°12'24"	24°11'24"	0°57' 29°	29°51'3°	3°34' 3°	15°37' 15°	T 5
W 6	7 36 17	24°45'50"	21°27'12"	12°32' 28°	28°12' 25°	25° 0'	21° 3'	3°12' 12°	12°52'52"	24°12'24"	24° 9'	0°53' 29°	29°48'3°	3°40' 3°	15°42' 15°	W 6
T 7	7 40 13	25°46'54"	3°21'21"	13°52' 29°	29°26' 25°	25°47' 21°	21°16' 3°	3°20' 12°	12°51'51"	24°12'24"	24° 8'	0°50' 29°	29°45'3°	3°47' 3°	15°47' 15°	T 7
F 8	7 44 10	26°47'56"	15°22'15°	15° 6'	0°39'39"	26°34' 21°	21°28' 3°	3°27' 12°	12°49'49"	24°13'24"	24° 7'	0°48' 29°	29°42'3°	3°54' 3°	15°51' 15°	F 8
S 9	7 48 6	27°48'57"	27°34'16°	16°16' 1°	53' 27°	21°40' 2°	21°40' 3°	3°34' 12°	12°48'48"	24°13'24"	24° 5'	0°D48' 29°	29°38'4°	4° 1'	15°56' 15°	S 9
S 10	7 52 3	28°49'57"	10°3' 2	17°19' 3°	6' 28°	21°53' 2°	21°53' 3°	3°41' 12°	12°46'46"	24°13'24"	24° 4'	0°48' 29°	29°35'4°	4° 7'	16° 0'	S 10
M 11	7 55 59	29°50'56"	22°51'18°	18°15' 4°	19' 28°	28°55' 22°	2° 5'	3°48' 12°	12°44'44"	24°13'24"	24° 3'	0°50' 29°	29°32'4°	4°14' 16°	16° 4'	M 11
T 12	7 59 56	0°51'53"	6°11' 4	19° 3'	5°32' 29°	29°43' 22°	21°17' 3°	3°55' 12°	12°43'43"	24°13'24"	24° 1'	0°51' 29°	29°29'4°	4°21' 16°	16° 8'	T 12
W 13	8 3 53	1°52'50"	19°44'19°	19°43' 6°	46' 0°	30' 22°	22°29' 4°	2° 12°	12°41'41"	24°14'24"	24° 0'	0°53' 29°	29°26'4°	4°27' 16°	16°12' 16°	W 13
T 14	8 7 49	2°53'45"	3°52'52"	20°13' 7°	59' 1°	17' 22°	22°41' 4°	10' 12°	12°39'39"	24°14'24"	23°59'0°	R53' 29°	29°23'4°	4°34' 16°	16°16' 16°	T 14
F 15	8 11 46	3°54'39"	18°25'18°	20°33' 9°	12' 2°	3' 22°	22°53' 4°	17' 12°	12°37'37"	24°14'24"	23°57'0°	52' 29°	29°19'4°	4°41' 16°	16°20' 16°	F 15
S 16	8 15 42	4°55'32"	3°19'19"	20°R43' 10°	25' 2°	50' 23°	23° 5'	4°24' 12°	12°36'36"	24°R14' 23°	56' 29°	0°49' 29°	29°16'4°	4°48' 16°	16°24' 16°	S 16
S 17	8 19 39	5°56'23"	18°25'20°	20°41' 11°	38' 3°	37' 23°	23°17' 4°	3°31' 12°	12°34'34"	24°14'24"	23°54'0°	45' 29°	29°13'4°	4°54' 16°	16°28' 16°	S 17
M 18	8 23 35	6°57'14"	3°34'34"	20°29' 12°	50' 4°	24' 23°	23°28' 4°	3°38' 12°	12°32'32"	24°14'24"	23°53'0°	39' 29°	29°10'5°	5° 1'	16°31' 16°	M 18
T 19	8 27 32	7°58'03"	18°37'20°	5° 14°	3' 5°	11' 23°	23°40' 4°	4°45' 12°	12°30'30"	24°14'24"	23°52'0°	34' 29°	29° 7'	5° 8'	16°35' 16°	T 19
W 20	8 31 29	8°58'52"	3°23'23"	19°31' 15°	16' 5°	58' 23°	23°52' 4°	5°2' 12°	12°28'28"	24°14'24"	23°50'0°	29' 29°	29° 4'	5°14' 16°	16°38' 16°	W 20
T 21	8 35 25	9°59'39"	17°48'18°	18°47' 16°	28' 6°	45' 24°	24° 3'	5° 0'	12°26'26"	24°13'24"	23°49'0°	25' 29°	29° 0'	5°21' 16°	16°41' 16°	T 21
F 22	8 39 22	11° 0'25"	1°48'48"	17°54' 17°	41' 7°	32' 24°	24°14' 5°	7' 12°	12°24'24"	24°13'24"	23°47'0°	23' 28°	28°57'5°	5°28' 16°	16°44' 16°	F 22
S 23	8 43 18	12° 1'11"	15°23'16°	55' 18°	53' 8°	18' 24°	24°26' 5°	14' 12°	12°21'21"	24°13'24"	23°46'0°	D22' 28°	28°54'5°	5°34' 16°	16°47' 16°	S 23
S 24	8 47 15	13° 1'55"	28°34'15°	50' 20°	6' 9°	5' 24°	24°37' 5°	21' 12°	12°19'19"	24°13'24"	23°44'0°	23' 28°	28°51'5°	5°41' 16°	16°50' 16°	S 24
M 25	8 51 11	14° 2'39"	11°26'14°	41' 21°	18' 9°	52' 24°	24°48' 5°	28' 12°	12°17'17"	24°13'24"	23°43'0°	25' 28°	28°48'5°	5°48' 16°	16°53' 16°	M 25
T 26	8 55 8	15° 3'21"	24° 1'	13°30' 10°	39' 24°	59' 24°	24°59' 5°	35' 12°	12°15'15"	24°12'24"	23°41'0°	26' 28°	28°44'5°	5°55' 16°	16°56' 16°	T 26
W 27	8 59 4	16° 4'02"	6°22'22"	12°20' 23°	42' 11°	25' 25°	25°10' 5°	42' 12°	12°13'13"	24°12'24"	23°40'0°	R26' 28°	28°41'6°	6° 1'	16°58' 16°	W 27
T 28	9 3 1	17° 4'42"	18°33'11°	12' 11°	12' 24°	12' 25°	25°21' 5°	49' 12°	12°10'10"	24°11'24"	23°38'0°	24' 28°	28°38'6°	6° 8'	17° 1'	T 28
F 29	9 6 58	18° 5'20"	0°37'10°	8' 26°	6' 12°	59' 25°	25°32' 5°	56' 12°	12° 8'	24°11'24"	23°37'0°	20' 28°	28°35'6°	6°15' 17°	17° 3'	F 29
S 30	9 10 54	19° 5'57"	12°35'9°	8' 27°	18' 13°	45' 25°	25°43' 6°	4' 12°	12° 6'	24°11'24"	23°35'0°	13' 28°	28°32'6°	6°21' 17°	17° 6'	S 30
S 31	9 14 51	20° 6'33"	24°30'8°	15' 28°	30' 14°	32' 25°	25°53' 6°	11' 12°	12° 3'	24°10'10"	23°34'0°	5' 28°	28°29'6°	6°28' 17°	17° 8'	S 31

Delta T = 06m07s

Julian Calendar 1 Jan. 1462 == Greg. Calendar 10 Jan. 1462

FEBRUARY 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	9 18 47	21≈ 7'06	6✕22	7°R28	29✕41	15✕18	26✕ 4	6≈18	12°R 1	24°R10	23°R32	29°R55	28Ⅱ25	6✕35	17Ⅱ10	M 1
T 2	9 22 44	22° 7'38	18°13	6≈48	0ⅴ53	16° 5	26°14	6°25	11Ⅱ59	24△ 9	23Ω31	29Ⅱ44	28°22	6°42	17°12	T 2
W 3	9 26 40	23° 8'09	0ⅴ 5	6°16	2° 4	16°52	26°24	6°32	11°56	24° 9	23°29	29°34	28°19	6°48	17°14	W 3
T 4	9 30 37	24° 8'37	12° 1	5°52	3°16	17°38	26°35	6°39	11°54	24° 8	23°28	29°25	28°16	6°55	17°16	T 4
F 5	9 34 33	25° 9'04	24° 2	5°35	4°27	18°24	26°45	6°45	11°51	24° 7	23°26	29°18	28°13	7° 2	17°17	F 5
S 6	9 38 30	26° 9'29	6✕13	5°25	5°38	19°11	26°55	6°52	11°49	24° 7	23°25	29°13	28° 9	7° 8	17°19	S 6
S 7	9 42 26	27° 9'52	18°37	5°D23	6°49	19°57	27° 5	6°59	11°46	24° 6	23°23	29°11	28° 6	7°15	17°20	S 7
M 8	9 46 23	28°10'13	1Ⅱ19	5°27	8° 0	20°44	27°14	7° 6	11°44	24° 5	23°22	29°D10	28° 3	7°22	17°21	M 8
T 9	9 50 20	29°10'32	14°24	5°37	9°11	21°30	27°24	7°13	11°41	24° 4	23°20	29°11	28° 0	7°29	17°23	T 9
W10	9 54 16	0✕10'49	27°54	5°54	10°22	22°16	27°34	7°20	11°39	24° 4	23°19	29°R12	27°57	7°35	17°24	W10
T 11	9 58 13	1°11'04	11✕53	6°16	11°32	23° 2	27°43	7°27	11°36	24° 3	23°17	29°11	27°54	7°42	17°25	T 11
F 12	10 2 9	2°11'17	26°21	6°43	12°43	23°49	27°52	7°33	11°34	24° 2	23°16	29° 8	27°50	7°49	17°26	F 12
S 13	10 6 6	3°11'28	11Ω15	7°15	13°53	24°35	28° 2	7°40	11°31	24° 1	23°14	29° 3	27°47	7°55	17°26	S 13
S 14	10 10 2	4°11'37	26°27	7°52	15° 3	25°21	28°11	7°47	11°29	24° 0	23°13	28°55	27°44	8° 2	17°27	S 14
M15	10 13 59	5°11'43	11Ⅱ48	8°32	16°13	26° 7	28°20	7°53	11°26	23°59	23°11	28°45	27°41	8° 9	17°27	M15
T 16	10 17 55	6°11'48	27° 7	9°17	17°23	26°53	28°29	8° 0	11°23	23°58	23°10	28°35	27°38	8°16	17°28	T 16
W17	10 21 52	7°11'52	12△11	10° 5	18°33	27°39	28°37	8° 6	11°21	23°57	23° 8	28°26	27°35	8°22	17°28	W17
T 18	10 25 49	8°11'53	26°53	10°56	19°42	28°25	28°46	8°13	11°18	23°56	23° 7	28°18	27°31	8°29	17°28	T 18
F 19	10 29 45	9°11'53	11Ⅲ 6	11°51	20°52	29°11	28°54	8°20	11°16	23°55	23° 5	28°12	27°28	8°36	17°R28	F 19
S 20	10 33 42	10°11'51	24°50	12°49	22° 1	29°57	29° 3	8°26	11°13	23°54	23° 4	28° 9	27°25	8°42	17°28	S 20
S 21	10 37 38	11°11'48	8✕ 5	13°49	23°10	0ⅴ42	29°11	8°32	11°10	23°53	23° 3	28°D 8	27°22	8°49	17°28	S 21
M22	10 41 35	12°11'43	20°56	14°52	24°19	1°28	29°19	8°39	11° 8	23°52	23° 1	28° 8	27°19	8°56	17°28	M22
T 23	10 45 31	13°11'37	3✕26	15°57	25°28	2°14	29°27	8°45	11° 5	23°51	23° 0	28°R 8	27°15	9° 3	17°28	T 23
W24	10 49 28	14°11'28	15°40	17° 5	26°37	3° 0	29°35	8°51	11° 2	23°50	22°58	28° 7	27°12	9° 9	17°27	W24
T 25	10 53 24	15°11'18	27°43	18°15	27°45	3°45	29°43	8°58	11° 0	23°49	22°57	28° 4	27° 9	9°16	17°27	T 25
F 26	10 57 21	16°11'06	9✕39	19°27	28°54	4°31	29°50	9° 4	10°57	23°48	22°56	27°57	27° 6	9°23	17°26	F 26
S 27	11 1 18	17°10'52	21°31	20°41	0✕ 2	5°17	29°57	9°10	10°55	23°46	22°54	27°48	27° 3	9°29	17°25	S 27
S 28	11 5 14	18✕10'37	3✕22	21≈56	1✕10	6ⅴ 2	0✕ 5	9≈16	10Ⅱ52	23△45	22Ω53	27Ⅱ36	27Ⅱ 0	9✕36	17Ⅱ24	S 28

ASTRODIENST EPHEMERIS for the year 1462

geocentric

MARCH 1462 JC

00:00 UT

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

Delta T = 06m07s

Julian Calendar 1 March 1462 == Greg. Calendar 10 March 1462

APRIL 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	13 11 24	19°43'32	0°14	15°36	5°11	29°55	2°33	12°1	9°R39	22°R57	22°R19	23°R51	25°11	13°11	16°R 6	T 1
F 2	13 15 20	20°42'09	12°33	17°40	6°18	0°39	2°35	12° 5	9°37	22°56	22°19	23°42	25°15	13°18	16°12	F 2
S 3	13 19 17	21°40'44	25° 2	19°45	7°16	1°23	2°36	12° 9	9°36	22°54	22°18	23°35	25°12	13°25	15°58	S 3
S 4	13 23 13	22°39'16	7°11	21°51	8°13	2° 7	2°38	12°13	9°34	22°52	22°17	23°32	25° 8	13°31	15°54	S 4
M 5	13 27 10	23°37'47	20°34	23°58	9°11	2°50	2°39	12°17	9°32	22°51	22°17	23°D31	25° 5	13°38	15°50	M 5
T 6	13 31 7	24°36'16	3°41	26° 6	10° 7	3°34	2°40	12°20	9°31	22°49	22°16	23°31	25° 2	13°45	15°46	T 6
W 7	13 35 3	25°34'42	17° 5	28°14	11° 4	4°18	2°41	12°24	9°29	22°47	22°16	23°32	24°59	13°52	15°42	W 7
T 8	13 39 0	26°33'06	0°14	0°22	11°59	5° 2	2°42	12°28	9°27	22°46	22°15	23°R32	24°56	13°58	15°38	T 8
F 9	13 42 56	27°31'28	14°52	2°31	12°55	5°45	2°42	12°31	9°26	22°44	22°15	23°31	24°52	14° 5	15°34	F 9
S 10	13 46 53	28°29'48	29°15	4°39	13°49	6°29	2°42	12°34	9°25	22°43	22°14	23°27	24°49	14°12	15°30	S 10
S 11	13 50 49	29°28'05	13°56	6°46	14°43	7°12	2°R42	12°38	9°23	22°41	22°14	23°22	24°46	14°18	15°26	S 11
M12	13 54 46	0°26'21	28°49	8°52	15°36	7°56	2°42	12°41	9°22	22°39	22°14	23°14	24°43	14°25	15°22	M12
T 13	13 58 42	1°24'34	13°45	10°58	16°29	8°39	2°42	12°44	9°20	22°38	22°13	23° 7	24°40	14°32	15°17	T 13
W14	14 2 39	2°22'46	28°37	13° 1	17°21	9°22	2°41	12°47	9°19	22°36	22°13	22°59	24°37	14°39	15°13	W14
T 15	14 6 36	3°20'56	13°15	15° 3	18°13	10° 6	2°41	12°50	9°18	22°34	22°13	22°52	24°33	14°45	15° 9	T 15
F 16	14 10 32	4°19'04	27°32	17° 3	19° 3	10°49	2°40	12°53	9°17	22°33	22°12	22°48	24°30	14°52	15° 4	F 16
S 17	14 14 29	5°17'11	11°25	19° 1	19°53	11°32	2°39	12°55	9°16	22°31	22°12	22°45	24°27	14°59	15° 0	S 17
S 18	14 18 25	6°15'16	24°51	20°56	20°42	12°15	2°38	12°58	9°15	22°30	22°12	22°D45	24°24	15° 5	14°56	S 18
M19	14 22 22	7°13'20	7°51	22°48	21°31	12°58	2°36	13° 1	9°14	22°28	22°12	22°46	24°21	15°12	14°51	M19
T 20	14 26 18	8°11'22	20°29	24°37	22°19	13°41	2°35	13° 3	9°13	22°26	22°11	22°47	24°18	15°19	14°47	T 20
W21	14 30 15	9° 9'23	2°48	26°23	23° 5	14°24	2°33	13° 6	9°12	22°25	22°11	22°48	24°14	15°26	14°42	W21
T 22	14 34 11	10° 7'22	14°53	28° 5	23°51	15° 7	2°31	13° 8	9°11	22°23	22°11	22°R48	24°11	15°32	14°38	T 22
F 23	14 38 8	11° 5'20	26°49	29°45	24°36	15°50	2°29	13°10	9°10	22°22	22°11	22°47	24° 8	15°39	14°33	F 23
S 24	14 42 5	12° 3'17	8°41	1°11	25°20	16°33	2°26	13°12	9° 9	22°20	22°11	22°43	24° 5	15°46	14°29	S 24
S 25	14 46 1	13° 1'12	20°33	2°53	26° 3	17°16	2°24	13°14	9° 9	22°19	22°D11	22°39	24° 2	15°53	14°24	S 25
M26	14 49 58	13°59'06	2°4'21	26°46	17°59	2°21	2°21	13°16	9° 8	22°17	22°11	22°33	23°58	15°59	14°20	M26
T 27	14 53 54	14°56'59	14°32	5°46	27°27	18°41	2°18	13°18	9° 7	22°16	22°11	22°26	23°55	16° 6	14°15	T 27
W28	14 57 51	15°54'50	26°44	7° 7	28° 7	19°24	2°15	13°20	9° 7	22°14	22°11	22°19	23°52	16°13	14°11	W28
T 29	15 1 47	16°52'40	9° 8	8°24	28°46	20° 7	2°12	13°21	9° 6	22°13	22°11	22°13	23°49	16°19	14° 6	T 29
F 30	15 5 44	17°50'28	21°42	9°11	29°11	20°49	2°38	13°23	9°36	22°11	22°11	22°11	23°46	16°26	14°12	F 30

ASTRODIENST EPHEMERIS for the year 1462

geocentric

MAY 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 9 40	18°48'15	4°11'28	10°11'47	29°11'59	21°8'32	2°R 5	13°22'24	9°R 5	22°R10	22°R12	22°R 6	23°11'43	16°11'33	13°R57	S 1
S 2	15 13 37	19°46'01	17°27	11°52	0°35	22°14	2°R 1	13°26	9°R 5	22°R 9	22°12	22°D 4	23°39	16°40	13°M53	S 2
M 3	15 17 34	20°43'45	0°38	12°54	1° 9	22°57	1°57	13°27	9° 5	22° 7	22°12	22°11 5	23°36	16°46	13°48	M 3
T 4	15 21 30	21°41'28	14° 2	13°51	1°42	23°39	1°53	13°28	9° 4	22° 6	22°12	22° 6	23°33	16°53	13°44	T 4
W 5	15 25 27	22°39'09	27°39	14°44	2°13	24°21	1°49	13°29	9° 4	22° 4	22°13	22° 7	23°30	17° 0	13°40	W 5
T 6	15 29 23	23°36'48	11°12'29	15°32	2°43	25° 4	1°44	13°30	9° 4	22° 3	22°13	22° 9	23°27	17° 6	13°35	T 6
F 7	15 33 20	24°34'26	25°32	16°17	3°11	25°46	1°40	13°31	9° 4	22° 2	22°13	22°R 9	23°24	17°13	13°31	F 7
S 8	15 37 16	25°32'02	9°11'46	16°57	3°37	26°28	1°35	13°32	9°D 4	22° 0	22°14	22° 8	23°20	17°20	13°27	S 8
S 9	15 41 13	26°29'37	24° 9	17°32	4° 2	27°10	1°30	13°32	9° 4	21°59	22°14	22° 6	23°17	17°27	13°22	S 9
M10	15 45 9	27°27'10	8°13'38	18° 3	4°25	27°52	1°25	13°33	9° 4	21°58	22°14	22° 4	23°14	17°33	13°18	M10
T 11	15 49 6	28°24'42	23° 8	18°30	4°47	28°34	1°20	13°33	9° 4	21°57	22°15	22° 1	23°11	17°40	13°14	T 11
W12	15 53 3	29°22'12	7°11'33	18°51	5° 6	29°16	1°15	13°34	9° 4	21°55	22°15	21°57	23° 8	17°47	13°10	W12
T 13	15 56 59	0°11'41	21°48	19° 8	5°24	29°58	1° 9	13°34	9° 5	21°54	22°16	21°55	23° 4	17°54	13° 5	T 13
F 14	16 0 56	1°17'09	5°17'47	19°21	5°40	0°11'40	1° 3	13°34	9° 5	21°53	22°16	21°53	23° 1	18° 0	13° 1	F 14
S 15	16 4 52	2°14'37	19°28	19°28	5°54	1°22	0°58	13°R34	9° 5	21°52	22°17	21°D53	22°58	18° 7	12°57	S 15
S 16	16 8 49	3°12'03	2°37'47	19°R32	6° 5	2° 3	0°52	13°34	9° 6	21°51	22°17	21°53	22°55	18°14	12°53	S 16
M17	16 12 45	4° 9'28	15°45	19°30	6°15	2°45	0°46	13°34	9° 6	21°50	22°18	21°54	22°52	18°20	12°49	M17
T 18	16 16 42	5° 6'53	28°23	19°24	6°22	3°27	0°40	13°34	9° 7	21°48	22°19	21°55	22°49	18°27	12°45	T 18
W19	16 20 38	6° 4'16	10°11'45	19°14	6°28	4° 8	0°34	13°34	9° 7	21°47	22°19	21°56	22°45	18°34	12°42	W19
T 20	16 24 35	7° 1'40	22°52	19° 0	6°31	4°50	0°27	13°33	9° 8	21°46	22°20	21°57	22°42	18°41	12°38	T 20
F 21	16 28 32	7°59'02	4°11'51	18°41	6°R31	5°31	0°21	13°33	9° 8	21°45	22°21	21°R58	22°39	18°47	12°34	F 21
S 22	16 32 28	8°56'24	16°44	18°20	6°30	6°13	0°14	13°32	9° 9	21°44	22°22	21°58	22°36	18°54	12°30	S 22
S 23	16 36 25	9°53'45	28°38	17°55	6°26	6°54	0° 7	13°31	9°10	21°43	22°22	21°57	22°33	19° 1	12°27	S 23
M24	16 40 21	10°51'06	10°11'36	17°27	6°19	7°36	0° 1	13°31	9°11	21°42	22°23	21°56	22°29	19° 7	12°23	M24
T 25	16 44 18	11°48'26	22°43	16°58	6°10	8°17	29°15'4	13°30	9°11	21°41	22°24	21°55	22°26	19°14	12°19	T 25
W26	16 48 14	12°45'45	5° 1	16°26	5°59	8°58	29°47	13°29	9°12	21°41	22°25	21°53	22°23	19°21	12°16	W26
T 27	16 52 11	13°43'04	17°33	15°53	5°46	9°40	29°40	13°28	9°13	21°40	22°26	21°52	22°20	19°28	12°13	T 27
F 28	16 56 7	14°40'23	0°11'22	15°19	5°30	10°21	29°33	13°26	9°14	21°39	22°27	21°52	22°17	19°34	12° 9	F 28
S 29	17 0 4	15°37'41	13°27	14°45	5°11	11° 2	29°25	13°25	9°15	21°38	22°28	21°51	22°14	19°41	12° 6	S 29
S 30	17 4 1	16°34'58	26°48	14°12	4°51	11°43	29°18	13°24	9°17	21°37	22°29	21°D51	22°10	19°48	12° 3	S 30
M31	17 7 57	17°11'32'15	10°24	13°11'40	4°28	12°11'24	29°11	13°22	9°18	21°37	22°30	21°11'51	22°11 7	19°11'55	12°M 0	M31

Delta T = 06m07s

Julian Calendar 1 May 1462 == Greg. Calendar 10 May 1462

JUNE 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 11 54	18°11'29'31	24°13	13°R 9	4°R 3	13°11 5	29°R 4	13°R21	9°R19	21°R36	22°R31	21°11'52	22°11 4	20°11'57	11°R57	T 1
W 2	17 15 50	19°26'47	8°13	12°11'40	3°36	13°46	28°15'56	13°11'19	9°20	21°13'35	22°32	21°52	22° 1	20° 8	11°M54	W 2
T 3	17 19 47	20°24'02	22°21	12°14	3° 8	14°27	28°49	13°17	9°22	21°34	22°33	21°52	21°58	20°15	11°51	T 3
F 4	17 23 43	21°21'16	6°11'33	11°51	2°37	15° 8	28°41	13°16	9°23	21°34	22°34	21°52	21°55	20°21	11°48	F 4
S 5	17 27 40	22°18'29	20°48	11°31	2° 5	15°49	28°33	13°14	9°24	21°33	22°35	21°52	21°51	20°28	11°46	S 5
S 6	17 31 37	23°15'41	5°12	11°15	1°31	16°30	28°26	13°12	9°26	21°33	22°36	21°52	21°48	20°35	11°43	S 6
M 7	17 35 33	24°12'53	19°13	11° 3	0°56	17°10	28°18	13°10	9°27	21°32	22°37	21°52	21°45	20°42	11°40	M 7
T 8	17 39 30	25°10'04	3°11'19	10°56	0°21	17°51	28°11	13° 7	9°29	21°31	22°39	21°53	21°42	20°48	11°38	T 8
W 9	17 43 26	26° 7'15	17°16	10°D53	29°11'44	18°32	28° 3	13° 5	9°31	21°31	22°40	21°53	21°39	20°55	11°36	W 9
T 10	17 47 23	27° 4'25	1°11'3	10°54	29° 7	19°12	27°55	13° 3	9°32	21°31	22°41	21°53	21°35	21° 2	11°33	T 10
F 11	17 51 19	28° 1'35	14°38	11° 0	28°29	19°53	27°48	13° 0	9°34	21°30	22°42	21°54	21°32	21° 9	11°31	F 11
S 12	17 55 16	28°58'45	27°57	11°11	27°51	20°34	27°40	12°58	9°36	21°30	22°44	21°R54	21°29	21°15	11°29	S 12
S 13	17 59 12	29°55'55	11°13	11°27	27°14	21°14	27°32	12°55	9°38	21°29	22°45	21°53	21°26	21°22	11°27	S 13
M14	18 3 9	0°53'04	23°49	11°48	26°37	21°55	27°25	12°53	9°39	21°29	22°46	21°52	21°23	21°29	11°25	M14
T 15	18 7 6	1°50'14	6°11'22	12°14	26° 0	22°35	27°17	12°50	9°41	21°29	22°48	21°51	21°20	21°35	11°23	T 15
W16	18 11 2	2°47'23	18°41	12°44	25°25	23°15	27° 9	12°47	9°43	21°28	22°49	21°50	21°16	21°42	11°22	W16
T 17	18 14 59	3°44'33	0°11'48	13°20	24°50	23°56	27° 2	12°44	9°45	21°28	22°50	21°48	21°13	21°49	11°20	T 17
F 18	18 18 55	4°41'43	12°46	14° 0	24°17	24°36	26°54	12°41	9°47	21°28	22°52	21°47	21°10	21°56	11°18	F 18
S 19	18 22 52	5°38'53	24°40	14°45	23°46	25°16	26°47	12°38	9°49	21°28	22°53	21°46	21° 7	22° 2	11°17	S 19
S 20	18 26 48	6°36'03	6°11'34	15°34	23°16	25°56	26°39	12°35	9°51	21°28	22°55	21°D46	21° 4	22° 9	11°16	S 20
M21	18 30 45	7°33'14	18°32	16°28	22°47	26°37	26°32	12°32	9°54	21°27	22°56	21°46	21° 1	22°16	11°14	M21
T 22	18 34 41	8°30'25	0°11'39	17°27	22°21	27°17	26°24	12°29	9°56	21°27	22°58	21°47	20°57	22°23	11°13	T 22
W23	18 38 38	9°27'37	12°59	18°30	21°57	27°57	26°17	12°25	9°58	21°27	22°59	21°48	20°54	22°29	11°12	W23
T 24	18 42 35	10°24'49	25°37	19°38	21°35	28°37	26°10	12°22	10° 0	21°D27	23° 1	21°50	20°51	22°36	11°11	T 24
F 25	18 46 31	11°22'01	8°11'34	20°50	21°15	29°17	26° 2	12°19	10° 3	21°27	23° 2	21°51	20°48	22°43	11°10	F 25
S 26	18 50 28	12°19'14	21°53	22° 7	20°57	29°57	25°55	12°15	10° 5	21°27	23° 4	21°R51	20°45	22°49	11°10	S 26
S 27	18 54 24	13°16'28	5°11'33	23°27	20°42	0°53'37	25°48	12°11	10° 8	21°27	23° 5	21°51	20°41	22°56	11° 9	S 27
M28	18 58 21	14°13'42	19°34	24°52	20°29	1°17	25°41	12° 8	10°10	21°27	23° 7	21°49	20°38	23° 3	11° 9	M28
T 29	19 2 17	15°10'56	3°11'50	26°21	20°19	1°56	25°34	12° 4	10°13	21°28	23° 9	21°47	20°35	23°10	11° 8	T 29
W30	19 6 14	16°11'32'15	18°11'17	27°11'54	20°11	2°36	25°11'28	12°11 0	10°15	21°28	23°10	21°11'43	20°11'32	23°11'16	11°M 8	W30

Delta T = 06m07s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1462
geocentric

JULY 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	19 10 10	17°5'25"	2°50'	29°30'	20°R 5	3°56'	25°R21	11°R57	10°18'	21°28'	23°12'	21°R40	20°29'	23°23'	11°R 8	T 1
F 2	19 14 7	18° 2'40"	17°21'	1°51'11"	20°II 2	3°56'	25°R14	11°R53	10°20'	21°28'	23°14'	21°II37	20°26'	23°30'	11°II 7	F 2
S 3	19 18 4	18°59'55"	1°47'	2°55'	20°D 1	4°36'	25° 8	11°49'	10°23'	21°28'	23°15'	21°35'	20°22'	23°36'	11°D 7	S 3
S 4	19 22 0	19°57'10"	16° 3	4°42'	20° 2	5°15'	25° 1	11°45'	10°26'	21°29'	23°17'	21°D34	20°19'	23°43'	11° 7	S 4
M 5	19 25 57	20°54'25"	0°16' 6	6°33'	20° 6	5°55'	24°55'	11°41'	10°28'	21°29'	23°19'	21°34'	20°16'	23°50'	11° 8	M 5
T 6	19 29 53	21°51'41"	13°56'	8°26'	20°11	6°34'	24°49'	11°37'	10°31'	21°29'	23°20'	21°35'	20°13'	23°57'	11° 8	T 6
W 7	19 33 50	22°48'57"	27°32'	10°22'	20°19	7°14'	24°43'	11°33'	10°34'	21°30'	23°22'	21°37'	20°10'	24° 3	11° 8	W 7
T 8	19 37 46	23°46'14"	10°21'55"	12°21'	20°29	7°53'	24°37'	11°29'	10°37'	21°30'	23°24'	21°38'	20° 7	24°10'	11° 9	T 8
F 9	19 41 43	24°43'31"	24° 5	14°21'	20°41	8°33'	24°31'	11°24'	10°40'	21°31'	23°26'	21°R39	20° 3	24°17'	11° 9	F 9
S 10	19 45 39	25°40'49"	7°3' 2	16°24'	20°56	9°12'	24°26'	11°20'	10°42'	21°31'	23°28'	21°38'	20° 0	24°24'	11°10	S 10
S 11	19 49 36	26°38'07"	19°47'	18°27'	21°12	9°52'	24°20'	11°16'	10°45'	21°32'	23°29'	21°35'	19°57'	24°30'	11°11	S 11
M12	19 53 33	27°35'26"	2°20'	20°32'	21°30	10°31'	24°15'	11°12'	10°48'	21°32'	23°31'	21°30'	19°54'	24°37'	11°12	M12
T 13	19 57 29	28°32'46"	14°42'	22°37'	21°49	11°10'	24°10'	11° 7	10°51'	21°33'	23°33'	21°25'	19°51'	24°44'	11°13	T 13
W14	20 1 26	29°30'06"	26°54'	24°43'	22°11	11°50'	24° 5	11° 3	10°54'	21°33'	23°35'	21°18'	19°47'	24°50'	11°14	W14
T 15	20 5 22	0°12'27"28	8°57'	26°49'	22°35	12°29'	24° 0	10°59'	10°57'	21°34'	23°37'	21°11'	19°44'	24°57'	11°15	T 15
F 16	20 9 19	1°24'51"	20°54'	28°55'	23° 0	13° 8	23°55'	10°54'	11° 1	21°35'	23°39'	21° 5	19°41'	25° 4	11°16	F 16
S 17	20 13 15	2°22'14"	2°46'	1°10' 1	23°26	13°47'	23°50'	10°50'	11° 4	21°35'	23°40'	21° 0	19°38'	25°11'	11°18	S 17
S 18	20 17 12	3°19'39"	14°39'	3° 5	23°54	14°26'	23°46'	10°46'	11° 7	21°36'	23°42'	20°56'	19°35'	25°17'	11°19	S 18
M19	20 21 8	4°17'05"	26°35'	5° 9	24°24	15° 5	23°42'	10°41'	11°10'	21°37'	23°44'	20°54'	19°32'	25°24'	11°21	M19
T 20	20 25 5	5°14'33"	8°40'	7°12'	24°55	15°44'	23°38'	10°37'	11°13'	21°38'	23°46'	20°D54	19°28'	25°31'	11°23	T 20
W21	20 29 2	6°12'02"	20°58'	9°14'	25°28	16°23'	23°34'	10°32'	11°16'	21°39'	23°48'	20°55'	19°25'	25°38'	11°25	W21
T 22	20 32 58	7° 9'32"	3°11'34"	11°15'	26° 2	17° 2	23°30'	10°28'	11°20'	21°39'	23°50'	20°56'	19°22'	25°44'	11°26	T 22
F 23	20 36 55	8° 7'03"	16°33'	13°15'	26°37	17°41'	23°26'	10°23'	11°23'	21°40'	23°52'	20°R57	19°19'	25°51'	11°28	F 23
S 24	20 40 51	9° 4'36"	29°57'	15°13'	27°13	18°20'	23°23'	10°19'	11°26'	21°41'	23°54'	20°57'	19°16'	25°58'	11°31	S 24
S 25	20 44 48	10° 2'11"	13°58'	17°10'	27°51	18°59'	23°20'	10°14'	11°30'	21°42'	23°56'	20°54'	19°13'	26° 4	11°33	S 25
M26	20 48 44	10°59'46"	28° 5	19° 5	28°30	19°38'	23°17'	10°10'	11°33'	21°43'	23°58'	20°50'	19° 9	26°11'	11°35	M26
T 27	20 52 41	11°57'23"	12°10'42"	20°59'	29°10	20°17'	23°14'	10° 5	11°36'	21°44'	24° 0	20°44'	19° 6	26°18'	11°38	T 27
W28	20 56 37	12°55'01"	27°35'	22°52'	29°51	20°56'	23°11'	10° 1	11°40'	21°45'	24° 2	20°36'	19° 3	26°25'	11°40	W28
T 29	21 0 34	13°52'40"	12°11'33"	24°43'	0°32	21°35'	23° 8	9°57'	11°43'	21°46'	24° 3	20°28'	19° 0	26°31'	11°43	T 29
F 30	21 4 31	14°50'20"	27°28'	26°33'	1°15	22°13'	23° 6	9°52'	11°47'	21°47'	24° 5	20°21'	18°57'	26°38'	11°45	F 30
S 31	21 8 27	15°48'02"	12°11'	28°10'21"	1°59	22°52'	23° 4	9°48'	11°50'	21°48'	24° 7	20°II15	18°II53	26°45'	11°II48	S 31

Delta T = 06m06s

Julian Calendar 1 July 1462 == Greg. Calendar 10 July 1462

AUGUST 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	21 12 24	16°45'44"	26°38'	0°11' 7	2°544	23°531	23°R 2	9°R43	11°11'54"	21°15'50"	24°10' 9	20°R11	18°II50	26°45'51"	11°II51	S 1
M 2	21 16 20	17°43'27"	10°11'44"	1°53'	3°30'	24° 9	23°R 9	9°R39	11°57'	21°51'	24°11'	20°II10	18°47'	26°58'	11°54	M 2
T 3	21 20 17	18°41'12"	24°29'	3°37'	4°16'	24°48'	22°58'	9°34'	12° 1	21°52'	24°13'	20°D10	18°44'	27° 5	11°57	T 3
W 4	21 24 13	19°38'58"	7°54'	5°19'	5° 3	25°26'	22°57'	9°30'	12° 4	21°53'	24°15'	20°10'	18°41'	27°12'	12° 0	W 4
T 5	21 28 10	20°36'45"	21° 1	7° 0	5°52'	26° 5	22°56'	9°26'	12° 8	21°55'	24°17'	20°R11	18°38'	27°18'	12° 4	T 5
F 6	21 32 6	21°34'33"	3°52'	8°40'	6°40'	26°43'	22°55'	9°21'	12°11'	21°56'	24°19'	20°10'	18°34'	27°25'	12° 7	F 6
S 7	21 36 3	22°32'22"	16°31'	10°18'	7°30'	27°22'	22°54'	9°17'	12°15'	21°57'	24°21'	20° 7	18°31'	27°32'	12°10	S 7
S 8	21 40 0	23°30'13"	28°58'	11°55'	8°20'	28° 0	22°53'	9°13'	12°19'	21°59'	24°23'	20° 1	18°28'	27°39'	12°14	S 8
M 9	21 43 56	24°28'05"	11°17'	13°30'	9°11'	28°38'	22°53'	9° 8	12°22'	22° 0	24°25'	19°53'	18°25'	27°45'	12°18	M 9
T 10	21 47 53	25°25'59"	23°27'	15° 5	10° 3	29°17'	22°52'	9° 4	12°26'	22° 1	24°27'	19°42'	18°22'	27°52'	12°21	T 10
W11	21 51 49	26°23'54"	5°11'31"	16°37'	10°55'	29°55'	22°D52	9° 0	12°30'	22° 3	24°29'	19°30'	18°19'	27°59'	12°25	W11
T 12	21 55 46	27°21'51"	17°29'	18° 9	11°48'	0°10'33"	22°52'	8°56'	12°33'	22° 4	24°31'	19°18'	18°15'	28° 5	12°29	T 12
F 13	21 59 42	28°19'49"	29°23'	19°39'	12°42'	1°12'	22°53'	8°52'	12°37'	22° 6	24°33'	19° 6	18°12'	28°12'	12°33	F 13
S 14	22 3 39	29°17'49"	11°14'	21° 8	13°36'	1°50'	22°53'	8°48'	12°41'	22° 7	24°35'	18°56'	18° 9	28°19'	12°37	S 14
S 15	22 7 35	0°11'51"	23° 5	22°35'	14°31'	2°28'	22°54'	8°44'	12°44'	22° 9	24°37'	18°48'	18° 6	28°26'	12°41	S 15
M16	22 11 32	1°13'55"	5°10' 0	24° 1	15°26'	3° 6	22°54'	8°40'	12°48'	22°10'	24°39'	18°42'	18° 3	28°32'	12°45	M16
T 17	22 15 29	2°12'01"	17° 3	25°26'	16°22'	3°44'	22°56'	8°36'	12°52'	22°12'	24°41'	18°39'	17°59'	28°39'	12°50	T 17
W18	22 19 25	3°10'09"	29°18'	26°49'	17°18'	4°22'	22°57'	8°32'	12°55'	22°13'	24°43'	18°D38	17°56'	28°46'	12°54	W18
T 19	22 23 22	4° 8'19"	11°11'51"	28°11'	18°15'	5° 0	22°58'	8°28'	12°59'	22°15'	24°45'	18°R38	17°53'	28°52'	12°59	T 19
F 20	22 27 18	5° 6'31"	24°45'	29°31'	19°13'	5°38'	23° 0	8°24'	13° 3	22°17'	24°47'	18°38'	17°50'	28°59'	13° 3	F 20
S 21	22 31 15	6° 4'45"	8°56'	0°15'50"	20°10'	6°16'	23° 1	8°21'	13° 7	22°18'	24°49'	18°37'	17°47'	29° 6	13° 8	S 21
S 22	22 35 11	7° 3'02"	21°56'	2° 7	21° 9	6°54'	23° 3	8°17'	13°10'	22°20'	24°51'	18°34'	17°44'	29°13'	13°13	S 22
M23	22 39 8	8° 1'20"	6°10'16"	3°23'	22° 7	7°32'	23° 6	8°13'	13°14'	22°22'	24°53'	18°28'	17°40'	29°19'	13°17	M23
T 24	22 43 4	8°59'40"	21° 2	4°37'	23° 6	8°10'	23° 8	8°10'	13°18'	22°23'	24°55'	18°19'	17°37'	29°26'	13°22	T 24
W25	22 47 1	9°58'02"	6°11' 7	5°49'	24° 6	8°48'	23°10'	8° 6	13°22'	22°25'	24°57'	18° 9	17°34'	29°33'	13°27	W25
T 26	22 50 58	10°56'26"	21°23'	6°59'	25° 6	9°26'	23°13'	8° 3	13°25'	22°27'	24°59'	17°58'	17°31'	29°40'	13°32	T 26
F 27	22 54 54	11°54'51"	6°43'37"	8° 8	26° 6	10° 4	23°16'	8° 0	13°29'	22°29'	25° 1	17°47'	17°28'	29°46'	13°37	F 27
S 28	22 58 51	12°53'19"	21°39'	9°14'	27° 7	10°41'	23°19'	7°56'	13°33'	22°31'	25° 3	17°39'	17°25'	29°53'	13°43	S 28
S 29	23 2 47	13°51'48"	6°11'21"	10°18'	28° 8	11°19'	23°22'	7°53'	13°37'	22°32'	25° 5	17°33'	17°21'	29°59'	13°48	S 29
M30	23 6 44	14°50'19"	20°38'	11°20'	29° 9	11°57'	23°26'	7°50'	13°41'	22°34'	25° 6	17°29'	17°18'	0°11' 6	13°53	M30
T 31	23 10 40	15°48'51"	4°11'27"	12°11'	0°11	12°10'35"	23°R29	7°47'	13°44'	22°36'	25° 8	17°II28	17°II15	0°11'13"	13°II59	T 31

Delta T = 06m06s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1462

geocentric

SEPTEMBER 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	23 14 37	16♐47'25	17♊52	13♋16	1♌13	13♌12	23♊33	7°R44	13♐48	22♋38	25♌10	17°R28	17♊12	0°Y20	14♌4	W 1
T 2	23 18 33	17°46'01	0♈53	14°10	2°15	13°50	23°37	7°41	13°52	22°40	25°12	17°II27	17° 9	0°27	14°10	T 2
F 3	23 22 30	18°44'39	13°36	15° 1	3°18	14°27	23°41	7°38	13°56	22°42	25°14	17°26	17° 5	0°33	14°15	F 3
S 4	23 26 27	19°43'18	26° 3	15°48	4°21	15° 5	23°45	7°36	13°59	22°44	25°16	17°22	17° 2	0°40	14°21	S 4
S 5	23 30 23	20°41'59	8♋19	16°32	5°25	15°42	23°50	7°33	14° 3	22°46	25°18	17°15	16°59	0°47	14°27	S 5
M 6	23 34 20	21°40'42	20°27	17°12	6°28	16°20	23°55	7°30	14° 7	22°48	25°19	17° 6	16°56	0°53	14°33	M 6
T 7	23 38 16	22°39'27	2♋28	17°49	7°32	16°57	23°59	7°28	14°11	22°50	25°21	16°54	16°53	1° 0	14°38	T 7
W 8	23 42 13	23°38'13	14°25	18°20	8°36	17°35	24° 4	7°25	14°14	22°52	25°23	16°40	16°50	1° 7	14°44	W 8
T 9	23 46 9	24°37'01	26°19	18°47	9°41	18°12	24°10	7°23	14°18	22°54	25°25	16°26	16°46	1°14	14°50	T 9
F 10	23 50 6	25°35'52	8♏11	19° 8	10°46	18°49	24°15	7°21	14°22	22°56	25°27	16°12	16°43	1°20	14°56	F 10
S 11	23 54 2	26°34'45	20° 3	19°24	11°51	19°27	24°20	7°19	14°26	22°58	25°28	16° 0	16°40	1°27	15° 3	S 11
S 12	23 57 59	27°33'39	1♊56	19°34	12°56	20° 4	24°26	7°17	14°29	23° 0	25°30	15°51	16°37	1°34	15° 9	S 12
M13	0 1 55	28°32'36	13°54	19°R38	14° 1	20°41	24°32	7°15	14°33	23° 2	25°32	15°44	16°34	1°40	15°15	M13
T 14	0 5 52	29°31'35	25°58	19°34	15° 7	21°18	24°38	7°13	14°37	23° 4	25°34	15°40	16°30	1°47	15°21	T 14
W15	0 9 49	0♉30'37	8♊14	19°23	16°13	21°55	24°44	7°11	14°40	23° 6	25°35	15°39	16°27	1°54	15°28	W15
T 16	0 13 45	1°29'41	20°44	19° 5	17°20	22°33	24°50	7° 9	14°44	23° 8	25°37	15°D38	16°24	2° 1	15°34	T 16
F 17	0 17 42	2°28'47	3♊35	18°39	18°26	23°10	24°57	7° 8	14°48	23°10	25°39	15°R39	16°21	2° 7	15°40	F 17
S 18	0 21 38	3°27'56	16°49	18° 6	19°33	23°47	25° 3	7° 6	14°51	23°12	25°40	15°38	16°18	2°14	15°47	S 18
S 19	0 25 35	4°27'07	0♌31	17°24	20°40	24°24	25°10	7° 5	14°55	23°15	25°42	15°35	16°15	2°21	15°54	S 19
M20	0 29 31	5°26'20	14°42	16°35	21°47	25° 1	25°17	7° 3	14°59	23°17	25°44	15°30	16°11	2°27	16° 0	M20
T 21	0 33 28	6°33'36	29°21	15°39	22°54	25°38	25°24	7° 2	15° 2	23°19	25°45	15°23	16° 8	2°34	16° 7	T 21
W22	0 37 24	7°24'54	14♐23	14°37	24° 2	26°15	25°31	7° 1	15° 6	23°21	25°47	15°14	16° 5	2°41	16°14	W22
T 23	0 41 21	8°24'14	29°39	13°31	25°10	26°51	25°38	7° 0	15° 9	23°23	25°48	15° 4	16° 2	2°48	16°20	T 23
F 24	0 45 18	9°23'36	14♋59	12°20	26°18	27°28	25°46	6°59	15°13	23°25	25°50	14°54	15°59	2°54	16°27	F 24
S 25	0 49 14	10°23'00	0♍10	11° 9	27°26	28° 5	25°53	6°58	15°16	23°28	25°51	14°46	15°56	3° 1	16°34	S 25
S 26	0 53 11	11°22'26	15° 3	9°57	28°34	28°42	26° 1	6°58	15°20	23°30	25°53	14°40	15°52	3° 8	16°41	S 26
M27	0 57 7	12°21'54	29°32	8°48	29°43	29°19	26° 9	6°57	15°23	23°32	25°55	14°37	15°49	3°15	16°48	M27
T 28	1 1 4	13°21'24	13♊32	7°43	0♎51	29°55	26°17	6°56	15°27	23°34	25°56	14°D36	15°46	3°21	16°55	T 28
W29	1 5 0	14°20'56	27° 3	6°44	2° 0	0♐32	26°25	6°56	15°30	23°36	25°57	14°36	15°43	3°28	17° 2	W29
T 30	1 8 57	15°20'30	10♈9	5♋53	3♐9	1♐9	26°34	6°56	15°34	23°39	25°59	14°R37	15°II40	3°Y35	17°II9	T 30

Delta T = 06m06s

Julian Calendar 1 Sept. 1462 == Greg. Calendar 10 Sept. 1462

OCTOBER 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	1 12 53	16♋20'05	22♈51	5°R12	4♐19	1♐45	26°X42	6°R55	15♐37	23♋41	26♌0	14°R37	15°II36	3°Y41	17°II16	F 1
S 2	1 16 50	17°19'42	5♋16	4♋41	5°28	2°22	26°51	6°55	15°40	23°43	26° 2	14°II35	15°33	3°48	17°23	S 2
S 3	1 20 47	18°19'21	17°27	4°21	6°37	2°58	26°59	6°D55	15°44	23°45	26° 3	14°31	15°30	3°55	17°30	S 3
M 4	1 24 43	19°19'02	29°29	4°D12	7°47	3°35	27° 8	6°55	15°47	23°48	26° 4	14°25	15°27	4° 2	17°38	M 4
T 5	1 28 40	20°18'44	11♋25	4°14	8°57	4°11	27°17	6°55	15°50	23°50	26° 6	14°16	15°24	4° 8	17°45	T 5
W 6	1 32 36	21°18'28	23°18	4°27	10° 7	4°47	27°26	6°56	15°54	23°52	26° 7	14° 6	15°21	4°15	17°52	W 6
T 7	1 36 33	22°18'14	5°Y10	4°51	11°17	5°24	27°35	6°56	15°57	23°54	26° 8	13°56	15°17	4°22	17°59	T 7
F 8	1 40 29	23°18'02	17° 3	5°24	12°27	6° 0	27°45	6°57	16° 0	23°57	26° 9	13°46	15°14	4°28	18° 7	F 8
S 9	1 44 26	24°17'52	28°59	6° 6	13°38	6°36	27°54	6°57	16° 3	23°59	26°11	13°37	15°11	4°35	18°14	S 9
S 10	1 48 22	25°17'44	10♋59	6°56	14°48	7°13	28° 4	6°58	16° 6	24° 1	26°12	13°30	15° 8	4°42	18°22	S 10
M11	1 52 19	26°17'39	23° 5	7°53	15°59	7°49	28°13	6°59	16°10	24° 3	26°13	13°26	15° 5	4°49	18°29	M11
T 12	1 56 16	27°17'35	5°II18	8°57	17°10	8°25	28°23	7° 0	16°13	24° 5	26°14	13°23	15° 1	4°55	18°36	T 12
W13	2 0 12	28°17'33	17°42	10° 7	18°21	9° 1	28°33	7° 1	16°16	24° 8	26°15	13°D23	14°58	5° 2	18°44	W13
T 14	2 4 9	29°17'34	0♉18	11°21	19°32	9°37	28°43	7° 2	16°19	24°10	26°16	13°24	14°55	5° 9	18°51	T 14
F 15	2 8 5	0♍17'36	13°11	12°39	20°43	10°13	28°53	7° 3	16°22	24°12	26°18	13°26	14°52	5°15	18°59	F 15
S 16	2 12 2	1°17'41	26°24	14° 1	21°54	10°49	29° 3	7° 4	16°25	24°14	26°19	13°R27	14°49	5°22	19° 7	S 16
S 17	2 15 58	2°17'48	9♌58	15°26	23° 5	11°25	29°14	7° 6	16°28	24°17	26°20	13°26	14°46	5°29	19°14	S 17
M18	2 19 55	3°17'57	23°57	16°53	24°17	12° 1	29°24	7° 7	16°30	24°19	26°21	13°25	14°42	5°36	19°22	M18
T 19	2 23 51	4°18'08	8♐20	18°23	25°29	12°37	29°35	7° 9	16°33	24°21	26°22	13°21	14°39	5°42	19°29	T 19
W20	2 27 48	5°18'22	23° 4	19°54	26°40	13°12	29°45	7°10	16°36	24°23	26°22	13°16	14°36	5°49	19°37	W20
T 21	2 31 45	6°18'37	8♋3	21°26	27°52	13°48	29°56	7°12	16°39	24°26	26°23	13°11	14°33	5°56	19°45	T 21
F 22	2 35 41	7°18'54	23°10	22°59	29° 4	14°24	0♈7	7°14	16°42	24°28	26°24	13° 5	14°30	6° 2	19°52	F 22
S 23	2 39 38	8°19'13	8♍13	24°34	0♉16	15° 0	0°18	7°16	16°44	24°30	26°25	13° 0	14°27	6° 9	20° 0	S 23
S 24	2 43 34	9°19'34	23° 5	26° 9	1°29	15°35	0°29	7°18	16°47	24°32	26°26	12°57	14°23	6°16	20° 8	S 24
M25	2 47 31	10°19'57	7♊36	27°44	2°41	16°11	0°40	7°20	16°50	24°34	26°27	12°D56	14°20	6°23	20°15	M25
T 26	2 51 27	11°20'21	21°43	29°20	3°53	16°46	0°51	7°23	16°52	24°37	26°27	12°56	14°17	6°29	20°23	T 26
W27	2 55 24	12°20'47	5♈22	0♍56	5° 6	17°22	1° 3	7°25	16°55	24°39	26°28	12°57	14°14	6°36	20°31	W27
T 28	2 59 20	13°21'15	18°35	2°33	6°18	17°57	1°14	7°27	16°57	24°41	26°29	12°59	14°11	6°43	20°39	T 28
F 29	3 3 17	14°21'43	1♋24	4° 9	7°31	18°32	1°26	7°30	17° 0	24°43	26°30	13° 0	14° 7	6°49	20°46	F 29
S 30	3 7 14	15°22'13	13°52	5°45	8°43	19° 8	1°37	7°33	17° 2	24°45	26°30	13°R 1	14° 4	6°56	20°54	S 30
S 31	3 11 10	16♍22'44	26♋5	7♍21	9♋56	19♐43	1♈49	7°36	17°II4	24°47	26°II31	13°II 1	14°II 1	7°Y 3	21°II2	S 31

Delta T = 06m06s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1462

geocentric

NOVEMBER 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	3 15 7	17 ¹¹ 23'17	8 ¹¹ 46	8 ¹¹ 58	11 ¹¹ 9	20 ¹¹ 18	2 ¹¹ 1	7 ¹¹ 38	17 ¹¹ 7	24 ¹¹ 49	26 ¹¹ 31	12 ¹¹ R59	13 ¹¹ II58	7 ¹¹ Y10	21 ¹¹ M10	M 1
T 2	3 19 3	18 ¹¹ 23'50	20 ¹¹ 0	10 ¹¹ 34	12 ¹¹ 22	20 ¹¹ 53	2 ¹¹ 13	7 ¹¹ 41	17 ¹¹ 9	24 ¹¹ 51	26 ¹¹ 32	12 ¹¹ II56	13 ¹¹ 55	7 ¹¹ 16	21 ¹¹ 18	T 2
W 3	3 23 0	19 ¹¹ 24'25	1 ¹¹ Y51	12 ¹¹ 10	13 ¹¹ 35	21 ¹¹ 28	2 ¹¹ 25	7 ¹¹ 44	17 ¹¹ 11	24 ¹¹ 54	26 ¹¹ 33	12 ¹¹ 52	13 ¹¹ 52	7 ¹¹ 23	21 ¹¹ 25	W 3
T 4	3 26 56	20 ¹¹ 25'02	13 ¹¹ 44	13 ¹¹ 45	14 ¹¹ 48	22 ¹¹ 3	2 ¹¹ 37	7 ¹¹ 48	17 ¹¹ 14	24 ¹¹ 56	26 ¹¹ 33	12 ¹¹ 48	13 ¹¹ 48	7 ¹¹ 30	21 ¹¹ 33	T 4
F 5	3 30 53	21 ¹¹ 25'39	25 ¹¹ 39	15 ¹¹ 21	16 ¹¹ 1	22 ¹¹ 38	2 ¹¹ 49	7 ¹¹ 51	17 ¹¹ 16	24 ¹¹ 58	26 ¹¹ 34	12 ¹¹ 45	13 ¹¹ 45	7 ¹¹ 36	21 ¹¹ 41	F 5
S 6	3 34 49	22 ¹¹ 26'18	7 ¹¹ 841	16 ¹¹ 57	17 ¹¹ 14	23 ¹¹ 13	3 ¹¹ 1	7 ¹¹ 54	17 ¹¹ 18	25 ¹¹ 0	26 ¹¹ 34	12 ¹¹ 41	13 ¹¹ 42	7 ¹¹ 43	21 ¹¹ 49	S 6
S 7	3 38 46	23 ¹¹ 26'59	19 ¹¹ 51	18 ¹¹ 32	18 ¹¹ 28	23 ¹¹ 48	3 ¹¹ 13	7 ¹¹ 57	17 ¹¹ 20	25 ¹¹ 2	26 ¹¹ 34	12 ¹¹ 39	13 ¹¹ 39	7 ¹¹ 50	21 ¹¹ 56	S 7
M 8	3 42 43	24 ¹¹ 27'41	2 ¹¹ II10	20 ¹¹ 7	19 ¹¹ 41	24 ¹¹ 22	3 ¹¹ 25	8 ¹¹ 1	17 ¹¹ 22	25 ¹¹ 4	26 ¹¹ 35	12 ¹¹ 38	13 ¹¹ 36	7 ¹¹ 56	22 ¹¹ 4	M 8
T 9	3 46 39	25 ¹¹ 28'24	14 ¹¹ 39	21 ¹¹ 42	20 ¹¹ 54	24 ¹¹ 57	3 ¹¹ 38	8 ¹¹ 5	17 ¹¹ 24	25 ¹¹ 6	26 ¹¹ 35	12 ¹¹ D37	13 ¹¹ 33	8 ¹¹ 3	22 ¹¹ 12	T 9
W10	3 50 36	26 ¹¹ 29'09	27 ¹¹ 20	23 ¹¹ 17	22 ¹¹ 8	25 ¹¹ 32	3 ¹¹ 50	8 ¹¹ 8	17 ¹¹ 26	25 ¹¹ 8	26 ¹¹ 35	12 ¹¹ 38	13 ¹¹ 29	8 ¹¹ 10	22 ¹¹ 20	W10
T 11	3 54 32	27 ¹¹ 29'55	10 ¹¹ 813	24 ¹¹ 52	23 ¹¹ 21	26 ¹¹ 6	4 ¹¹ 3	8 ¹¹ 12	17 ¹¹ 28	25 ¹¹ 10	26 ¹¹ 36	12 ¹¹ 39	13 ¹¹ 26	8 ¹¹ 17	22 ¹¹ 27	T 11
F 12	3 58 29	28 ¹¹ 30'42	23 ¹¹ 20	26 ¹¹ 26	24 ¹¹ 35	26 ¹¹ 41	4 ¹¹ 15	8 ¹¹ 16	17 ¹¹ 29	25 ¹¹ 12	26 ¹¹ 36	12 ¹¹ 40	13 ¹¹ 23	8 ¹¹ 23	22 ¹¹ 35	F 12
S 13	4 2 25	29 ¹¹ 31'32	6 ¹¹ 842	28 ¹¹ 1	25 ¹¹ 49	27 ¹¹ 15	4 ¹¹ 28	8 ¹¹ 20	17 ¹¹ 31	25 ¹¹ 14	26 ¹¹ 36	12 ¹¹ 41	13 ¹¹ 20	8 ¹¹ 30	22 ¹¹ 43	S 13
S 14	4 6 22	0 ¹¹ 32'22	20 ¹¹ 19	29 ¹¹ 35	27 ¹¹ 2	27 ¹¹ 50	4 ¹¹ 40	8 ¹¹ 24	17 ¹¹ 33	25 ¹¹ 16	26 ¹¹ 36	12 ¹¹ 42	13 ¹¹ 17	8 ¹¹ 37	22 ¹¹ 51	S 14
M15	4 10 18	1 ¹¹ 33'14	4 ¹¹ 12	1 ¹¹ 10	28 ¹¹ 16	28 ¹¹ 24	4 ¹¹ 53	8 ¹¹ 28	17 ¹¹ 34	25 ¹¹ 18	26 ¹¹ 37	12 ¹¹ R42	13 ¹¹ 13	8 ¹¹ 43	22 ¹¹ 58	M15
T 16	4 14 15	2 ¹¹ 34'08	18 ¹¹ 21	2 ¹¹ 44	29 ¹¹ 30	28 ¹¹ 58	5 ¹¹ 6	8 ¹¹ 32	17 ¹¹ 36	25 ¹¹ 19	26 ¹¹ 37	12 ¹¹ 42	13 ¹¹ 10	8 ¹¹ 50	23 ¹¹ 6	T 16
W17	4 18 12	3 ¹¹ 35'02	2 ¹¹ 44	4 ¹¹ 18	0 ¹¹ M44	29 ¹¹ 33	5 ¹¹ 19	8 ¹¹ 36	17 ¹¹ 38	25 ¹¹ 21	26 ¹¹ 37	12 ¹¹ 41	13 ¹¹ 7	8 ¹¹ 57	23 ¹¹ 14	W17
T 18	4 22 8	4 ¹¹ 35'59	17 ¹¹ 18	5 ¹¹ 53	1 ¹¹ 58	0 ¹¹ 4	5 ¹¹ 32	8 ¹¹ 41	17 ¹¹ 39	25 ¹¹ 23	26 ¹¹ 37	12 ¹¹ 40	13 ¹¹ 4	9 ¹¹ 4	23 ¹¹ 21	T 18
F 19	4 26 5	5 ¹¹ 36'56	1 ¹¹ M57	7 ¹¹ 27	3 ¹¹ 12	0 ¹¹ 41	5 ¹¹ 45	8 ¹¹ 45	17 ¹¹ 41	25 ¹¹ 25	26 ¹¹ 37	12 ¹¹ 39	13 ¹¹ 1	9 ¹¹ 10	23 ¹¹ 29	F 19
S 20	4 30 1	6 ¹¹ 37'55	16 ¹¹ 37	9 ¹¹ 1	4 ¹¹ 26	1 ¹¹ 15	5 ¹¹ 58	8 ¹¹ 50	17 ¹¹ 42	25 ¹¹ 27	26 ¹¹ R37	12 ¹¹ 39	12 ¹¹ 58	9 ¹¹ 17	23 ¹¹ 37	S 20
S 21	4 33 58	7 ¹¹ 38'55	1 ¹¹ 9	10 ¹¹ 35	5 ¹¹ 40	1 ¹¹ 49	6 ¹¹ 11	8 ¹¹ 54	17 ¹¹ 43	25 ¹¹ 29	26 ¹¹ 37	12 ¹¹ 38	12 ¹¹ 54	9 ¹¹ 24	23 ¹¹ 44	S 21
M22	4 37 54	8 ¹¹ 39'56	15 ¹¹ 29	12 ¹¹ 9	6 ¹¹ 54	2 ¹¹ 22	6 ¹¹ 24	8 ¹¹ 59	17 ¹¹ 45	25 ¹¹ 30	26 ¹¹ 37	12 ¹¹ D38	12 ¹¹ 51	9 ¹¹ 30	23 ¹¹ 52	M22
T 23	4 41 51	9 ¹¹ 40'58	29 ¹¹ 30	13 ¹¹ 44	8 ¹¹ 8	2 ¹¹ 56	6 ¹¹ 37	9 ¹¹ 3	17 ¹¹ 46	25 ¹¹ 32	26 ¹¹ 37	12 ¹¹ 38	12 ¹¹ 48	9 ¹¹ 37	23 ¹¹ 59	T 23
W24	4 45 47	10 ¹¹ 42'00	13 ¹¹ 9	15 ¹¹ 18	9 ¹¹ 23	3 ¹¹ 30	6 ¹¹ 51	9 ¹¹ 8	17 ¹¹ 47	25 ¹¹ 34	26 ¹¹ 37	12 ¹¹ 38	12 ¹¹ 45	9 ¹¹ 44	24 ¹¹ 7	W24
T 25	4 49 44	11 ¹¹ 43'04	26 ¹¹ 25	16 ¹¹ 52	10 ¹¹ 37	4 ¹¹ 3	7 ¹¹ 4	9 ¹¹ 13	17 ¹¹ 48	25 ¹¹ 35	26 ¹¹ 37	12 ¹¹ 39	12 ¹¹ 42	9 ¹¹ 51	24 ¹¹ 14	T 25
F 26	4 53 41	12 ¹¹ 44'08	9 ¹¹ 19	18 ¹¹ 27	11 ¹¹ 51	4 ¹¹ 37	7 ¹¹ 17	9 ¹¹ 18	17 ¹¹ 49	25 ¹¹ 37	26 ¹¹ 36	12 ¹¹ R39	12 ¹¹ 39	9 ¹¹ 57	24 ¹¹ 22	F 26
S 27	4 57 37	13 ¹¹ 45'12	21 ¹¹ 52	20 ¹¹ 2	13 ¹¹ 5	5 ¹¹ 10	7 ¹¹ 31	9 ¹¹ 23	17 ¹¹ 50	25 ¹¹ 39	26 ¹¹ 36	12 ¹¹ 39	12 ¹¹ 35	10 ¹¹ 4	24 ¹¹ 29	S 27
S 28	5 1 34	14 ¹¹ 46'17	4 ¹¹ 8	21 ¹¹ 36	14 ¹¹ 20	5 ¹¹ 43	7 ¹¹ 44	9 ¹¹ 28	17 ¹¹ 51	25 ¹¹ 40	26 ¹¹ 36	12 ¹¹ 38	12 ¹¹ 32	10 ¹¹ 11	24 ¹¹ 37	S 28
M29	5 5 30	15 ¹¹ 47'22	16 ¹¹ 11	23 ¹¹ 11	15 ¹¹ 34	6 ¹¹ 17	7 ¹¹ 58	9 ¹¹ 33	17 ¹¹ 52	25 ¹¹ 42	26 ¹¹ 36	12 ¹¹ D38	12 ¹¹ 29	10 ¹¹ 17	24 ¹¹ 44	M29
T 30	5 9 27	16 ¹¹ 48'28	28 ¹¹ 6	24 ¹¹ 46	16 ¹¹ M48	6 ¹¹ 50	8 ¹¹ 11	9 ¹¹ 39	17 ¹¹ 53	25 ¹¹ 44	26 ¹¹ 35	12 ¹¹ II39	12 ¹¹ II26	10 ¹¹ Y24	24 ¹¹ M52	T 30

Delta T = 06m06s

Julian Calendar 1 Nov. 1462 == Greg. Calendar 10 Nov. 1462

DECEMBER 1462 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	5 13 23	17 ¹¹ 49'34	9 ¹¹ Y58	26 ¹¹ 21	18 ¹¹ M 3	7 ¹¹ 23	8 ¹¹ 25	9 ¹¹ 44	17 ¹¹ 54	25 ¹¹ 45	26 ¹¹ R35	12 ¹¹ II39	12 ¹¹ II23	10 ¹¹ Y31	24 ¹¹ M59	W 1
T 2	5 17 20	18 ¹¹ 50'40	21 ¹¹ 50	27 ¹¹ 55	19 ¹¹ 17	7 ¹¹ 56	8 ¹¹ 38	9 ¹¹ 49	17 ¹¹ 55	25 ¹¹ 47	26 ¹¹ 35	12 ¹¹ 39	12 ¹¹ 19	10 ¹¹ 38	25 ¹¹ 6	T 2
F 3	5 21 16	19 ¹¹ 51'47	3 ¹¹ 848	29 ¹¹ 31	20 ¹¹ 32	8 ¹¹ 29	8 ¹¹ 52	9 ¹¹ 55	17 ¹¹ 55	25 ¹¹ 48	26 ¹¹ 34	12 ¹¹ 40	12 ¹¹ 16	10 ¹¹ 44	25 ¹¹ 14	F 3
S 4	5 25 13	20 ¹¹ 52'54	15 ¹¹ 55	1 ¹¹ 3 6	21 ¹¹ 46	9 ¹¹ 1	9 ¹¹ 5	10 ¹¹ 0	17 ¹¹ 56	25 ¹¹ 50	26 ¹¹ 34	12 ¹¹ 41	12 ¹¹ 13	10 ¹¹ 51	25 ¹¹ 21	S 4
S 5	5 29 10	21 ¹¹ 54'01	28 ¹¹ 14	2 ¹¹ 41	23 ¹¹ 1	9 ¹¹ 34	9 ¹¹ 19	10 ¹¹ 6	17 ¹¹ 56	25 ¹¹ 51	26 ¹¹ 33	12 ¹¹ 42	12 ¹¹ 10	10 ¹¹ 58	25 ¹¹ 28	S 5
M 6	5 33 6	22 ¹¹ 55'09	10 ¹¹ II46	4 ¹¹ 16	24 ¹¹ 15	10 ¹¹ 7	9 ¹¹ 33	10 ¹¹ 11	17 ¹¹ 57	25 ¹¹ 53	26 ¹¹ 33	12 ¹¹ R42	12 ¹¹ 7	11 ¹¹ 4	25 ¹¹ 35	M 6
T 7	5 37 3	23 ¹¹ 56'17	23 ¹¹ 34	5 ¹¹ 51	25 ¹¹ 30	10 ¹¹ 39	9 ¹¹ 47	10 ¹¹ 17	17 ¹¹ 57	25 ¹¹ 54	26 ¹¹ 32	12 ¹¹ 42	12 ¹¹ 4	11 ¹¹ 11	25 ¹¹ 42	T 7
W 8	5 40 59	24 ¹¹ 57'26	6 ¹¹ 838	7 ¹¹ 26	26 ¹¹ 45	11 ¹¹ 12	10 ¹¹ 0	10 ¹¹ 23	17 ¹¹ 58	25 ¹¹ 55	26 ¹¹ 32	12 ¹¹ 41	12 ¹¹ 0	11 ¹¹ 18	25 ¹¹ 50	W 8
T 9	5 44 56	25 ¹¹ 58'35	19 ¹¹ 56	9 ¹¹ 0	27 ¹¹ 59	11 ¹¹ 44	10 ¹¹ 14	10 ¹¹ 28	17 ¹¹ 58	25 ¹¹ 57	26 ¹¹ 31	12 ¹¹ 40	11 ¹¹ 57	11 ¹¹ 24	25 ¹¹ 57	T 9
F 10	5 48 52	26 ¹¹ 59'44	3 ¹¹ 828	10 ¹¹ 35	29 ¹¹ 14	12 ¹¹ 16	10 ¹¹ 28	10 ¹¹ 34	17 ¹¹ 58	25 ¹¹ 58	26 ¹¹ 31	12 ¹¹ 38	11 ¹¹ 54	11 ¹¹ 31	26 ¹¹ 4	F 10
S 11	5 52 49	28 ¹¹ 0'54	17 ¹¹ 11	12 ¹¹ 9	0 ¹¹ 28	12 ¹¹ 48	10 ¹¹ 42	10 ¹¹ 40	17 ¹¹ 59	25 ¹¹ 59	26 ¹¹ 30	12 ¹¹ 36	11 ¹¹ 51	11 ¹¹ 38	26 ¹¹ 11	S 11
S 12	5 56 46	29 ¹¹ 2'04	1 ¹¹ 11 4	13 ¹¹ 42	1 ¹¹ 43	13 ¹¹ 20	10 ¹¹ 56	10 ¹¹ 46	17 ¹¹ 59	26 ¹¹ 1	26 ¹¹ 29	12 ¹¹ 34	11 ¹¹ 48	11 ¹¹ 45	26 ¹¹ 18	S 12
M13	6 0 42	0 ¹¹ 3'15	15 ¹¹ 5	15 ¹¹ 15	2 ¹¹ 58	13 ¹¹ 52	11 ¹¹ 10	10 ¹¹ 52	17 ¹¹ 59	26 ¹¹ 2	26 ¹¹ 29	12 ¹¹ 32	11 ¹¹ 45	11 ¹¹ 51	26 ¹¹ 25	M13
T 14	6 4 39	1 ¹¹ 4'25	29 ¹¹ 12	16 ¹¹ 47	4 ¹¹ 13	14 ¹¹ 24	11 ¹¹ 24	10 ¹¹ 58	17 ¹¹ 59	26 ¹¹ 3	26 ¹¹ 28	12 ¹¹ D32	11 ¹¹ 41	11 ¹¹ 58	26 ¹¹ 31	T 14
W15	6 8 35	2 ¹¹ 5'37	13 ¹¹ 23	18 ¹¹ 19	5 ¹¹ 27	14 ¹¹ 55	11 ¹¹ 38	11 ¹¹ 4	17 ¹¹ R59	26 ¹¹ 4	26 ¹¹ 27	12 ¹¹ 32	11 ¹¹ 38	12 ¹¹ 5	26 ¹¹ 38	W15
T 16	6 12 32	3 ¹¹ 6'49	27 ¹¹ 35	19 ¹¹ 49	6 ¹¹ 42	15 ¹¹ 27	11 ¹¹ 52	11 ¹¹ 10	17 ¹¹ 59	26 ¹¹ 5	26 ¹¹ 27	12 ¹¹ 33	11 ¹¹ 35	12 ¹¹ 11	26 ¹¹ 45	T 16
F 17	6 16 28	4 ¹¹ 8'01	11 ¹¹ M48	21 ¹¹ 17	7 ¹¹ 57	15 ¹¹ 58	12 ¹¹ 6	11 ¹¹ 17	17 ¹¹ 59	26 ¹¹ 6	26 ¹¹ 26	12 ¹¹ 34	11 ¹¹ 32	12 ¹¹ 18	26 ¹¹ 52	F 17
S 18	6 20 25	5 ¹¹ 9'13	25 ¹¹ 57	22 ¹¹ 44	9 ¹¹ 12	16 ¹¹ 30	12 ¹¹ 20	11 ¹¹ 23	17 ¹¹ 59	26 ¹¹ 7	26 ¹¹ 25	12 ¹¹ 36	11 ¹¹ 29	12 ¹¹ 25	26 ¹¹ 58	S 18
S 19	6 24 21	6 ¹¹ 10'26	10 ¹¹ 21	24 ¹¹ 8	10 ¹¹ 27	17 ¹¹ 1	12 ¹¹ 34	11 ¹¹ 29	17 ¹¹ 58	26 ¹¹ 9	26 ¹¹ 24	12 ¹¹ R37	11 ¹¹ 25	12 ¹¹ 32	27 ¹¹ 5	S 19
M20	6 28 18	7 ¹¹ 11'38	23 ¹¹ 55	25 ¹¹ 30	11 ¹¹ 41	17 ¹¹ 32	12 ¹¹ 48	11 ¹¹ 36	17 ¹¹ 58	26 ¹¹ 10	26 ¹¹ 23	12 ¹¹ 36	11 ¹¹ 22	12 ¹¹ 38	27 ¹¹ 11	M20
T 21	6 32 15	8 ¹¹ 12'51	7 ¹¹ 37	26 ¹¹ 49	12 ¹¹ 56	18 ¹¹ 3	13 ¹¹ 2	11 ¹¹ 42	17 ¹¹ 58	26 ¹¹ 11	26 ¹¹ 22	12 ¹¹ 34	11 ¹¹ 19	12 ¹¹ 45	27 ¹¹ 18	T 21
W22	6 36 11	9 ¹¹ 14'03	21 ¹¹ 3	28 ¹¹ 4	14 ¹¹ 11	18 ¹¹ 33	13 ¹¹ 16	11 ¹¹ 48	17 ¹¹ 57	26 ¹¹ 11	26 ¹¹ 21	12 ¹¹ 31	11 ¹¹ 16	12 ¹¹ 52	27 ¹¹ 24	W22
T 23	6 40 8	10 ¹¹ 15'16	4 ¹¹ 413	29 ¹¹ 15	15 ¹¹ 26	19 ¹¹ 4	13 ¹¹ 30	11 ¹¹ 55	17 ¹¹ 57	26 ¹¹ 12	26 ¹¹ 21	12 ¹¹ 27	11 ¹¹ 13	12 ¹¹ 58	27 ¹¹ 31	T 23
F 24	6 44 4	11 ¹¹ 16'27	17 ¹¹ 4	0 ¹¹ 221	16 ¹¹ 41	19 ¹¹ 34	13 ¹¹ 44	12 ¹¹ 1	17 ¹¹ 57	26 ¹¹ 13	26 ¹¹ 20	12 ¹¹ 22	11 ¹¹ 10	13 ¹¹ 5	27 ¹¹ 37	F 24
S 25	6 48 1	12 ¹¹ 17'39	29 ¹¹ 37	1 ¹¹ 21	17 ¹¹ 56	20 ¹¹ 5	13 ¹¹ 58	12 ¹¹ 8	17 ¹¹ 56	26 ¹¹ 14	26 ¹¹ 19	12 ¹¹ 17	11 ¹¹ 6	13 ¹¹ 12	27 ¹¹ 43	S 25
S 26	6 51 57	13 ¹¹ 18'49	11 ¹¹ X54	2 ¹¹ 14	19 ¹¹ 11	20 ¹¹ 35	14 ¹¹ 12	12 ¹¹ 15	17 ¹¹ 55	26 ¹¹ 15	26 ¹¹ 18	12 ¹¹ 12	11 ¹¹ 3	13 ¹¹ 18	27 ¹¹ 50	S 26
M27	6 55 54	14 ¹¹ 19'59	23 ¹¹ 59	3 ¹¹ 0	20 ¹¹ 26	21 ¹¹ 5	14 ¹¹ 26	12 ¹¹ 21	17 ¹¹ 55	26 ¹¹ 16	26 ¹¹ 17	12 ¹¹ 9	11 ¹¹ 0	13 ¹¹ 25	27 ¹¹ 56	M27
T 28	6 59 50	15 ¹¹ 21'09	5 ¹¹ Y55	3 ¹¹ 38	21 ¹¹ 41	21 ¹¹ 35	14 ¹¹ 40	12 ¹¹ 28	17 ¹¹ 54	26 ¹¹ 16	26 ¹¹ 15	12 ¹¹ 7	10 ¹¹ 57	13 ¹¹ 32	28 ¹¹ 2	T 28
W29	7 3 47	16 ¹¹ 22'17	17 ¹¹ 46	4 ¹¹ 6	22 ¹¹ 55	22 ¹¹ 5	14 ¹¹ 54	12 ¹¹ 35	17 ¹¹ 53	26 ¹¹ 17	26 ¹¹ 14	12 ¹¹ D 6	10 ¹¹ 54	13 ¹¹ 39	28 ¹¹ 8	W29
T 30	7 7 44	17 ¹¹ 23'25	29 ¹¹ 37	4 ¹¹ 24	24 ¹¹ 10	22 ¹¹ 34	15 ¹¹ 8	12 ¹¹ 41	17 ¹¹ 52	26 ¹¹ 18	26 ¹¹ 13	12 ¹¹ 7	10 ¹¹ 51	13 ¹¹ 45	28 ¹¹ 14	T 30
F 31	7 11 40	18 ¹¹ 24'32	11 ¹¹ 835	4 ¹¹ R32	25 ¹¹ 25	23 ¹¹ 25	15 ¹¹ 22	12 ¹¹ 48	17 ¹¹ 52	26 ¹¹ 19	26 ¹¹ 12	12 ¹¹ II 9	10 ¹¹ II47	13 ¹¹ Y52	28 ¹¹ M20	F 31