



Astrodienst Ephemeris Tables for the year 1425

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 1425
geocentric

JANUARY 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	7 16 25	19°39'25	27°8'43	26°16	1°27	7°R42	13°M22	15°M35	27°K26	2°R 1	0°R10	26°II47	25°II41	27°K39	14°52	M 1
T 2	7 20 22	20°40'30	12°II25	26°55	2°42	7°S21	13°31	15°39	27°27	1°S59	0°S 9	26°48	25°38	27°46	14°56	T 2
W 3	7 24 18	21°41'34	27°23	27°38	3°57	6°59	13°39	15°43	27°29	1°57	0° 8	26°R49	25°35	27°52	15° 0	W 3
T 4	7 28 15	22°42'37	12°S30	28°27	5°12	6°39	13°47	15°47	27°31	1°56	0° 6	26°48	25°32	27°59	15° 4	T 4
F 5	7 32 11	23°43'39	27°37	29°18	6°28	6°19	13°55	15°51	27°33	1°54	0° 5	26°46	25°29	28° 6	15° 8	F 5
S 6	7 36 8	24°44'40	12°S35	0°S14	7°43	6° 0	14° 3	15°55	27°35	1°52	0° 4	26°42	25°26	28°12	15°12	S 6
S 7	7 40 5	25°45'41	27°15	1°13	8°58	5°41	14°11	15°59	27°37	1°51	0° 3	26°38	25°22	28°19	15°16	S 7
M 8	7 44 1	26°46'41	11°M30	2°14	10°13	5°23	14°19	16° 3	27°39	1°49	0° 2	26°34	25°19	28°26	15°20	M 8
T 9	7 47 58	27°47'40	25°18	3°18	11°28	5° 5	14°27	16° 7	27°41	1°47	0° 1	26°29	25°16	28°32	15°24	T 9
W10	7 51 54	28°48'38	8°S37	4°25	12°43	4°49	14°34	16°10	27°43	1°46	29°II59	26°26	25°13	28°39	15°29	W10
T 11	7 55 51	29°49'36	21°30	5°34	13°58	4°32	14°41	16°14	27°45	1°44	29°59	26°24	25°10	28°45	15°33	T 11
F 12	7 59 47	0°S50'33	3°M59	6°45	15°14	4°17	14°49	16°17	27°47	1°42	29°58	26°D24	25° 6	28°52	15°37	F 12
S 13	8 3 44	1°51'30	16°10	7°57	16°29	4° 2	14°56	16°21	27°50	1°41	29°57	26°25	25° 3	28°59	15°41	S 13
S 14	8 7 40	2°52'26	28° 8	9°12	17°44	3°49	15° 3	16°24	27°52	1°39	29°56	26°27	25° 0	29° 5	15°45	S 14
M15	8 11 37	3°53'21	9°S58	10°28	18°59	3°35	15° 9	16°27	27°54	1°37	29°55	26°28	24°57	29°12	15°50	M15
T 16	8 15 34	4°54'15	21°44	11°45	20°14	3°23	15°16	16°30	27°56	1°36	29°54	26°R30	24°54	29°19	15°54	T 16
W17	8 19 30	5°55'08	3°S30	13° 4	21°29	3°11	15°22	16°33	27°59	1°34	29°53	26°29	24°51	29°25	15°58	W17
T 18	8 23 27	6°56'00	15°21	14°24	22°44	3° 1	15°29	16°36	28° 1	1°32	29°52	26°27	24°47	29°32	16° 2	T 18
F 19	8 27 23	7°56'51	27°18	15°45	23°59	2°51	15°35	16°39	28° 4	1°31	29°51	26°23	24°44	29°39	16° 7	F 19
S 20	8 31 20	8°57'41	9°S24	17° 8	25°14	2°42	15°41	16°42	28° 6	1°29	29°50	26°17	24°41	29°45	16°11	S 20
S 21	8 35 16	9°58'29	21°40	18°31	26°29	2°33	15°47	16°45	28° 9	1°27	29°49	26°10	24°38	29°52	16°15	S 21
M22	8 39 13	10°59'16	4°K 7	19°56	27°44	2°26	15°53	16°47	28°11	1°25	29°48	26° 1	24°35	29°59	16°20	M22
T 23	8 43 9	12° 0'02	16°46	21°21	28°59	2°19	15°58	16°49	28°14	1°24	29°47	25°52	24°32	0°S 5	16°24	T 23
W24	8 47 6	13° 0'46	29°37	22°48	0°K14	2°13	16° 3	16°52	28°16	1°22	29°46	25°45	24°28	0°12	16°28	W24
T 25	8 51 3	14° 1'29	12°Y41	24°16	1°28	2° 8	16° 9	16°54	28°19	1°21	29°46	25°38	24°25	0°19	16°33	T 25
F 26	8 54 59	15° 2'09	25°58	25°44	2°43	2° 4	16°14	16°56	28°22	1°19	29°45	25°34	24°22	0°25	16°37	F 26
S 27	8 58 56	16° 2'49	9°S31	27°14	3°58	2° 0	16°19	16°58	28°24	1°17	29°44	25°33	24°19	0°32	16°41	S 27
S 28	9 2 52	17° 3'26	23°19	28°44	5°13	1°57	16°23	17° 0	28°27	1°16	29°43	25°D32	24°16	0°38	16°45	S 28
M29	9 6 49	18° 4'02	7°II23	0°S16	6°28	1°55	16°28	17° 2	28°30	1°14	29°42	25°33	24°12	0°45	16°50	M29
T 30	9 10 45	19° 4'36	1°48	7°42	1°54	1°54	16°32	17° 4	28°33	1°12	29°42	25°R34	24° 9	0°52	16°54	T 30
W31	9 14 42	20°5'08	6°S17	3°S21	8°K57	1°D54	16°M37	17°M 5	28°K36	1°S11	29°II41	25°II34	24°II 6	0°S58	16°58	W31

Delta T = 07m13s

Julian Calendar 1 Jan. 1425 == Greg. Calendar 10 Jan. 1425

FEBRUARY 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	9 18 38	21°5'38	21°S 2	4°S55	10°K12	1°S54	16°M41	17°M 7	28°K39	1°R 9	29°R40	25°R31	24°II 3	1°S 5	17°38	T 1
F 2	9 22 35	22° 6'07	5°S24	6°30	11°26	1°55	16°44	17° 9	28°41	1°S 8	29°II40	25°II26	24° 0	1°12	17° 7	F 2
S 3	9 26 32	23° 6'33	20°49	8° 6	12°41	1°57	16°48	17°10	28°44	1° 6	29°39	25°19	23°57	1°18	17°11	S 3
S 4	9 30 28	24° 6'58	5°M 6	9°43	13°55	2° 0	16°52	17°11	28°47	1° 5	29°38	25° 9	23°53	1°25	17°16	S 4
M 5	9 34 25	25° 7'22	19°20	11°21	15°10	2° 3	16°55	17°12	28°50	1° 3	29°38	24°59	23°50	1°32	17°20	M 5
T 6	9 38 21	26° 7'44	3°S11	13° 0	16°24	2° 7	16°58	17°13	28°53	1° 2	29°37	24°50	23°47	1°38	17°24	T 6
W 7	9 42 18	27° 8'04	16°35	14°39	17°39	2°11	17° 1	17°14	28°56	1° 0	29°36	24°41	23°44	1°45	17°28	W 7
T 8	9 46 14	28° 8'23	29°32	16°20	18°53	2°16	17° 4	17°15	28°59	0°59	29°36	24°35	23°41	1°52	17°33	T 8
F 9	9 50 11	29° 8'40	12°M 6	18° 2	20° 8	2°22	17° 7	17°16	29° 2	0°57	29°35	24°32	23°37	1°58	17°37	F 9
S 10	9 54 7	0°K 8'56	24°21	19°44	21°22	2°29	17° 9	17°17	29° 5	0°56	29°35	24°30	23°34	2° 5	17°41	S 10
S 11	9 58 4	1° 9'11	6°K20	21°28	22°36	2°36	17°11	17°17	29° 9	0°54	29°34	24°D30	23°31	2°12	17°45	S 11
M12	10 2 1	2° 9'23	18°10	23°13	23°51	2°44	17°14	17°18	29°12	0°53	29°34	24°R30	23°28	2°18	17°50	M12
T 13	10 5 57	3° 9'35	29°57	24°59	25° 5	2°52	17°16	17°18	29°15	0°52	29°33	24°30	23°25	2°25	17°54	T 13
W14	10 9 54	4° 9'45	11°S45	26°46	26°19	3° 1	17°17	17°18	29°18	0°50	29°33	24°29	23°22	2°31	17°58	W14
T 15	10 13 50	5° 9'53	23°39	28°34	27°34	3°11	17°19	17°18	29°21	0°49	29°32	24°25	23°18	2°38	18° 2	T 15
F 16	10 17 47	6° 9'59	5°S43	0°K23	28°48	3°21	17°20	17°R18	29°24	0°47	29°32	24°18	23°15	2°45	18° 6	F 16
S 17	10 21 43	7°10'04	18° 0	2°13	0°Y 2	3°32	17°21	17°18	29°28	0°46	29°32	24° 9	23°12	2°51	18°10	S 17
S 18	10 25 40	8°10'07	0°K31	4° 4	1°16	3°43	17°22	17°18	29°31	0°45	29°31	23°57	23° 9	2°58	18°15	S 18
M19	10 29 36	9°10'07	13°16	5°56	2°30	3°55	17°23	17°18	29°34	0°44	29°31	23°45	23° 6	3° 5	18°19	M19
T 20	10 33 33	10°10'06	26°16	7°49	3°44	4° 7	17°24	17°17	29°37	0°42	29°31	23°31	23° 3	3°11	18°23	T 20
W21	10 37 30	11°10'03	9°Y29	9°44	4°58	4°20	17°24	17°17	29°41	0°41	29°30	23°19	22°59	3°18	18°27	W21
T 22	10 41 26	12° 9'58	22°53	11°39	6°12	4°34	17°24	17°16	29°44	0°40	29°30	23° 9	22°56	3°25	18°31	T 22
F 23	10 45 23	13° 9'51	6°S27	13°35	7°26	4°48	17°R24	17°16	29°47	0°39	29°30	23° 2	22°53	3°31	18°35	F 23
S 24	10 49 19	14° 9'41	20°11	15°32	8°40	5° 2	17°24	17°15	29°51	0°38	29°30	22°58	22°50	3°38	18°39	S 24
S 25	10 53 16	15° 9'29	4°II 2	17°30	9°54	5°17	17°24	17°14	29°54	0°37	29°29	22°57	22°47	3°45	18°43	S 25
M26	10 57 12	16° 9'15	18° 1	19°29	11° 8	5°32	17°23	17°13	29°57	0°35	29°29	22°56	22°43	3°51	18°47	M26
T 27	11 1 9	17° 8'59	2°S 8	21°28	12°21	5°48	17°23	17°12	0°Y 1	0°34	29°29	22°56	22°40	3°58	18°51	T 27
W28	11 5 5	18°K 8'40	16°S23	23°K28	13°Y35	6°S 5	17°M22	17°M11	0°Y 4	0°S33	29°II29	22°II55	22°II37	4°S 5	18°54	W28

Delta T = 07m12s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1425

geocentric

MARCH 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 9 2	19°8'19"	0°42'25"	25°37'14"	14°49'49"	6°21'17"	17°21'17"	17°R 9	0°7'7"	0°R32	29°R29	22°R51	22°R34	4°11'11"	18°58'58"	T 1
F 2	11 12 59	20°7'56"	15°3'27"	27°2'16"	16°2'6"	6°38'17"	17°11'17"	17°R 8	0°11'0"	0°R31	29°R29	22°R45	22°31'4"	4°18'19"	19°2'2"	F 2
S 3	11 16 55	21°7'31"	29°2'29"	29°2'17"	17°16'6"	6°56'17"	17°18'17"	17°7'0"	0°14'0"	0°30'0"	29°29'	22°35'	22°28'	4°24'19"	19°6'6"	S 3
S 4	11 20 52	22°7'03"	13°33'29"	1°26'18"	18°29'7"	7°14'17"	17°16'17"	17°5'0"	0°18'0"	0°30'0"	29°29'	22°24'	22°24'	4°31'19"	19°10'10"	S 4
M 5	11 24 48	23°6'33"	27°2'32"	3°24'19"	19°43'7"	7°32'17"	17°14'17"	17°3'0"	0°21'0"	0°29'0"	29°D29	22°11'	22°21'	4°38'19"	19°14'14"	M 5
T 6	11 28 45	24°6'01"	11°8'5"	5°21'20"	20°56'7"	7°51'17"	17°12'17"	17°2'0"	0°24'0"	0°28'0"	29°29'	22°19'	22°18'	4°44'19"	19°17'17"	T 6
W 7	11 32 41	25°5'27"	24°2'25"	7°17'22"	22°9'8"	8°10'17"	17°10'17"	17°0'0"	0°28'0"	0°27'0"	29°29'	21°48'	22°15'	4°51'19"	19°21'21"	W 7
T 8	11 36 38	26°4'51"	7°11'20"	9°10'23"	23°23'8"	8°29'17"	17°8'16"	16°58'0"	0°31'0"	0°26'0"	29°29'	21°40'	22°12'	4°58'19"	19°25'25"	T 8
F 9	11 40 34	27°4'14"	19°54'11"	2'24'36"	8°49'17"	5'16'56"	17°5'16"	16°54'0"	0°35'0"	0°25'0"	29°29'	21°34'	22°9'5"	5°4'19"	19°28'28"	F 9
S 10	11 44 31	28°3'34"	2°10'12"	5°25'49"	9°9'17"	3'16'54"	17°3'16"	16°54'0"	0°38'0"	0°25'0"	29°29'	21°31'	22°5'5"	5°11'19"	19°32'32"	S 10
S 11	11 48 27	29°2'53"	14°11'14"	35'27'2"	9°30'17"	0'16'52"	17°0'16"	16°52'0"	0°42'0"	0°24'0"	29°29'	21°29'	22°2'5"	5°18'19"	19°35'35"	S 11
M12	11 52 24	0°2'10"	26°3'16"	16°17'28"	15'9'51"	16°57'16"	16°49'16"	16°49'0"	0°45'0"	0°23'0"	29°29'	21°29'	21°59'	5°24'19"	19°39'39"	M12
T 13	11 56 21	1°1'25"	7°3'51"	17°55'29"	10°12'16"	16°53'16"	16°47'16"	16°47'0"	0°48'0"	0°22'0"	29°29'	21°29'	21°56'	5°31'19"	19°42'42"	T 13
W14	12 0 17	2°0'39"	19°4'19"	19°28'0"	10°33'16"	16°50'16"	16°45'16"	16°45'0"	0°52'0"	0°22'0"	29°30'	21°28'	21°53'	5°38'19"	19°46'46"	W14
T 15	12 4 14	2°59'50"	1°38'20"	57'1°54"	10°55'16"	16°46'16"	16°42'16"	16°42'0"	0°55'0"	0°21'0"	29°30'	21°25'	21°49'	5°44'19"	19°49'49"	T 15
F 16	12 8 10	3°59'00"	13°47'22"	21'3°7"	11°17'16"	16°42'16"	16°39'16"	16°39'0"	0°59'0"	0°21'0"	29°30'	21°19'	21°46'	5°51'19"	19°53'53"	F 16
S 17	12 12 7	4°58'08"	26°11'23"	39'4°20"	11°40'16"	16°38'16"	16°37'16"	16°37'0"	1°2'0"	0°20'0"	29°30'	21°11'	21°43'	5°58'19"	19°56'56"	S 17
S 18	12 16 3	5°57'14"	8°53'24"	51'5°33"	12°3'16"	16°34'16"	16°34'16"	16°34'0"	1°6'0"	0°20'0"	29°31'	21°0'0"	21°40'	6°4'19"	19°59'59"	S 18
M19	12 20 0	6°56'18"	21°54'25"	58'6°46"	12°26'16"	16°30'16"	16°31'16"	16°31'0"	1°9'0"	0°19'0"	29°31'	20°48'	21°37'	6°11'20"	20°2'2"	M19
T 20	12 23 56	7°55'20"	5°14'26"	59'7°58"	12°49'16"	16°26'16"	16°28'16"	16°28'0"	1°12'0"	0°19'0"	29°31'	20°36'	21°34'	6°17'20"	20°6'6"	T 20
W21	12 27 53	8°54'19"	18°50'9"	11'13°12'	16°21'16"	16°25'16"	16°25'16"	16°25'0"	1°16'0"	0°18'0"	29°32'	20°25'	21°30'	6°24'20"	20°9'9"	W21
T 22	12 31 50	9°53'17"	2°39'28"	42'10°24'	13°36'16"	16°16'16"	16°22'16"	16°22'0"	1°19'0"	0°18'0"	29°32'	20°15'	21°27'	6°31'20"	20°12'12"	T 22
F 23	12 35 46	10°52'13"	16°38'29"	24'11°36'	14°0'16"	16°11'16"	16°19'16"	16°19'0"	1°23'0"	0°18'0"	29°32'	20°9'0"	21°24'	6°37'20"	20°15'15"	F 23
S 24	12 39 43	11°51'07"	0°43'29"	59'12°49'	14°25'16"	16°6'16"	16°16'16"	16°16'0"	1°26'0"	0°17'0"	29°33'	20°5'0"	21°21'	6°44'20"	20°18'18"	S 24
S 25	12 43 39	12°49'58"	14°51'0"	8'14°1'	14°49'16"	16°1'16"	16°12'16"	16°12'0"	1°29'0"	0°17'0"	29°33'	20°D 3	21°18'	6°51'20"	20°21'21"	S 25
M26	12 47 36	13°48'47"	28°59'0"	50'15°13'	15°14'15"	15°56'16"	16°9'16"	16°9'0"	1°33'0"	0°17'0"	29°34'	20°3'0"	21°14'	6°57'20"	20°24'24"	M26
T 27	12 51 32	14°47'34"	13°7'1°5'	16°25'15°39'	15°50'16"	16°5'16"	16°5'16"	16°5'0"	1°36'0"	0°16'0"	29°34'	20°R 4	21°11'	7°4'20"	20°27'27"	T 27
W28	12 55 29	15°46'18"	27°13'1°14'	17°38'16°5'	15°45'16"	16°2'16"	16°2'16"	16°2'0"	1°40'0"	0°16'0"	29°35'	20°3'0"	21°8'	7°11'20"	20°30'30"	W28
T 29	12 59 25	16°45'00"	11°16'1°17'	18°50'16°30'	15°39'15°58'	15°58'16"	15°58'16"	15°58'0"	1°43'0"	0°16'0"	29°35'	20°1'0"	21°5'0"	7°17'20"	20°33'33"	T 29
F 30	13 3 22	17°43'40"	25°15'1°13'	20°2'16°56'	15°33'15°55'	15°55'16"	15°55'16"	15°55'0"	1°46'0"	0°16'0"	29°36'	19°56'	21°2'0"	7°24'20"	20°35'35"	F 30
S 31	13 7 19	18°42'18"	9°8'8"	4'18°4'	21°14'17°22'	15°27'15°51'	15°51'16"	15°51'0"	1°50'0"	0°16'0"	29°37'	19°49'	20°59'	7°31'20"	20°38'38"	S 31

Delta T = 07m12s

Julian Calendar 1 March 1425 == Greg. Calendar 10 March 1425

APRIL 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 11 15	19°40'53"	22°51'0"	0°R49	22°8'26"	17°48'15"	15°R21	15°R47	1°53'1°56"	0°R16	29°R37	19°R40	20°R55	7°37'20"	20°41'41"	S 1
M 2	13 15 12	20°39'26"	6°22'0"	8'23°38'	18°15'15°15'	15°15'15"	15°15'15"	15°15'0"	1°56'0"	0°D16	29°38'	19°R30	20°52'	7°44'20"	20°44'44"	M 2
T 3	13 19 8	21°37'57"	19°39'0°4'	24°49'18°41'	15°8'15°40'	15°44'15"	15°44'15"	15°44'0"	1°59'0"	0°16'0"	29°38'	19°20'	20°49'	7°51'20"	20°46'46"	T 3
W 4	13 23 5	22°36'27"	2°40'29"	35'26°1'	19°8'15°2'	15°36'15"	15°36'15"	15°36'0"	2°3'0"	0°16'0"	29°39'	19°11'	20°46'	7°57'20"	20°49'49"	W 4
T 5	13 27 1	23°34'54"	15°23'29°2'	27°13'19°35'	14°55'15°32'	15°32'15"	15°32'15"	15°32'0"	2°6'0"	0°16'0"	29°40'	19°4'0"	20°43'	8°4'20"	20°51'51"	T 5
F 6	13 30 58	24°33'20"	27°50'28°27'	28°24'20°2'	14°49'15°28'	15°28'15"	15°28'15"	15°28'0"	2°9'0"	0°16'0"	29°41'	19°0'0"	20°40'	8°11'20"	20°54'54"	F 6
S 7	13 34 54	25°31'44"	10°2'27°49'	29°36'20°30'	14°42'15°24'	15°24'15"	15°24'15"	15°24'0"	2°12'0"	0°16'0"	29°41'	18°57'	20°36'	8°17'20"	20°56'56"	S 7
S 8	13 38 51	26°30'06"	22°2'27°9'	0°47'20°57'	14°35'15°20'	15°20'15"	15°20'15"	15°20'0"	2°16'0"	0°16'0"	29°42'	18°D57'	20°33'	8°24'20"	20°58'58"	S 8
M 9	13 42 48	27°28'27"	3°54'26°29'	1°58'21°25'	14°28'15°16'	15°16'15"	15°16'15"	15°16'0"	2°19'0"	0°17'0"	29°43'	18°58'	20°30'	8°30'21°1'	20°59'59"	M 9
T 10	13 46 44	28°26'46"	15°43'25°48'	3°9'21°53'	14°21'15°11'	15°11'15"	15°11'15"	15°11'0"	2°22'0"	0°17'0"	29°44'	18°59'	20°27'	8°37'21°3'	20°59'59"	T 10
W11	13 50 41	29°25'04"	27°33'25°9'	4°21'22°21'	14°14'15°7'	15°7'15"	15°7'15"	15°7'0"	2°25'0"	0°17'0"	29°44'	19°R 0	20°24'	8°44'21°5'	20°59'59"	W11
T 12	13 54 37	0°23'20"	9°31'24°30'	5°32'22°50'	14°7'15°3'	15°3'15"	15°3'15"	15°3'0"	2°28'0"	0°17'0"	29°45'	18°59'	20°20'	8°50'21°7'	20°59'59"	T 12
F 13	13 58 34	1°21'34"	21°41'23°54'	6°43'23°18'	14°0'14°59'	15°28'14"	14°59'14"	14°59'0"	2°31'0"	0°18'0"	29°46'	18°57'	20°17'	8°57'21°9'	20°59'59"	F 13
S 14	14 2 30	2°19'47"	4°8'23°20'	7°54'23°47'	13°52'14°55'	15°55'14"	14°55'14"	14°55'0"	2°34'0"	0°18'0"	29°47'	18°53'	20°14'	9°4'21°11'	20°59'59"	S 14
S 15	14 6 27	3°17'58"	16°55'22°49'	9°5'24°16'	13°45'14°50'	15°50'14"	14°50'14"	14°50'0"	2°38'0"	0°19'0"	29°48'	18°47'	20°11'	9°10'21°13'	20°59'59"	S 15
M16	14 10 23	4°16'08"	0°4'22°22'	10°15'24°45'	13°37'14°46'	15°46'14"	14°46'14"	14°46'0"	2°41'0"	0°19'0"	29°49'	18°40'	20°8'	9°17'21°15'	20°59'59"	M16
T 17	14 14 20	5°14'16"	13°37'21°59'	11°26'25°14'	13°30'14°41'	15°41'14"	14°41'14"	14°41'0"	2°44'0"	0°20'0"	29°50'	18°33'	20°5'	9°24'21°17'	20°59'59"	T 17
W18	14 18 16	6°12'23"	27°30'21°40'	12°37'25°43'	13°22'14°37'	15°43'14"	14°37'14"	14°37'0"	2°47'0"	0°20'0"	29°51'	18°26'	20°1'	9°30'21°19'	20°59'59"	W18
T 19	14 22 13	7°10'28"	11°41'21°25'	13°47'26°12'	13°15'14°33'	15°43'14"	14°33'14"	14°33'0"	2°50'0"	0°21'0"	29°52'	18°21'	19°58'	9°37'21°20'	20°59'59"	T 19
F 20	14 26 10	8°8'31"	26°5'21°14'	14°58'26°42'	13°7'14°28'	15°53'14"	14°28'14"	14°28'0"	2°53'0"	0°21'0"	29°53'	18°17'	19°55'	9°44'21°22'	20°59'59"	F 20
S 21	14 30 6	9°6'33"	10°36'21°9'	16°8'27°12'	13°0'14°24'	15°56'14"	14°24'14"	14°24'0"	2°56'0"	0°22'0"	29°54'	18°15'	19°52'	9°50'21°24'	20°59'59"	S 21
S 22	14 34 3	10°4'33"	25°8'21°D 8	17°18'27°42'	12°52'14°19'	15°58'14"	14°19'14"	14°19'0"	2°58'0"	0°22'0"	29°55'	18°D15'	19°49'	9°57'21°25'	20°59'59"	S 22
M23	14 37 59	11°2'31"	9°36'21°11'	18°28'28°12'	12°44'14°15'	15°51'14"	14°15'14"	14°15'0"	3°1'0"	0°23'0"	29°56'	18°16'	19°46'	10°4'21°27'	20°59'59"	M23
T 24	14 41 56	12°0'27"	23°57'21°20'	19°38'28°42'	12°37'14°10'	15°41'14"	14°10'14"	14°10'0"	3°4'0"	0°24'0"	29°57'	18°17'	19°42'	10°10'21°28'	20°59'59"	T 24
W25	14 45 52	12°58'22"	8°7'21°33'	20°48'29°12'	12°29'14°6'	15°41'14"	14°6'14"	14°6'0"	3°7'0"	0°25'0"	29°58'	18°R18'	19°39'	10°17'21°30'	20°59'59"	W25
T 26	14 49 49	13°56'14"	22°7'21°50'	21°58'29°43'	12°22'14°1'	15°41'14"	14°1'14"	14°1'0"	3°10'0"	0°25'0"	29°59'	18°18'	19°36'	10°24'21°31'	20°59'59"	T 26
F 27	14 53 46	14°54'05"	5°53'22°12'	23°8'0°13'	12°14'13°57'	15°57'14"	13°57'14"	13°57'0"	3°13'0"	0°26'0"	29°59'	18°17'	19°33'	10°30'21°32'	20°59'59"	F 27
S 28	14 57 42	15°51'54"	19°57'22°38'	24°17'0°44'	12°6'13°52'	15°52'14"	12°6'13°52'	12°6'0"	3°15'0"	0°27'0"	30°1'	18°13'	19°30'	10°37'21°33'	20°59'59"	S 28
S 29	15 1 39	16°49'41"	2°48'23°9'	25°27'1°15'	11°59'13°48'	15°58'14"	13°48'14"	13°48'0"	3°18'0"	0°28'0"	30°2'	18°9'	19°26'	10°44'21°35'	20°59'59"	S 29
M30	15 5 35	17°47'26"	15°55'23°43'	26°36'1°45'	11°51'13°44"	15°59'14"	13°44'14"	13°44'0"	3°21'0"	0°29'0"	30°3'	18°R 4	19°R23	10°50'21°36'	20°59'59"	M30

ASTRODIENST EPHEMERIS for the year 1425

geocentric

MAY 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	15 9 32	18°45'10	28°48	24°21	27°46	2°17	11°R43	13°R39	3°V23	0°L30	0°4	18°R 0	19°II20	10°Z57	21°37	T 1
W 2	15 13 28	19°42'52	11°M28	25° 4	28°55	2°48	11°M36	13°M35	3°26	0°31	0° 6	17°II56	19°17	11° 4	21°38	W 2
T 3	15 17 25	20°40'33	23°55	25°49	0°54	3°19	11°28	13°30	3°29	0°32	0° 7	17°52	19°14	11°10	21°39	T 3
F 4	15 21 21	21°38'13	6°X10	26°39	1°13	3°50	11°21	13°26	3°31	0°33	0° 8	17°51	19°11	11°17	21°39	F 4
S 5	15 25 18	22°35'52	18°14	27°32	2°22	4°22	11°14	13°21	3°34	0°34	0° 9	17°D50	19° 7	11°23	21°40	S 5
S 6	15 29 14	23°33'29	0°Z10	28°28	3°31	4°54	11° 6	13°17	3°36	0°35	0°10	17°51	19° 4	11°30	21°41	S 6
M 7	15 33 11	24°31'05	12° 0	29°27	4°39	5°25	10°59	13°13	3°39	0°36	0°12	17°52	19° 1	11°37	21°42	M 7
T 8	15 37 8	25°28'41	23°49	0°B30	5°48	5°57	10°52	13° 8	3°41	0°37	0°13	17°53	18°58	11°43	21°42	T 8
W 9	15 41 4	26°26'15	5°A40	1°36	6°56	6°29	10°45	13° 4	3°43	0°38	0°14	17°55	18°55	11°50	21°43	W 9
T 10	15 45 1	27°23'48	17°38	2°44	8° 4	7° 1	10°38	13° 0	3°46	0°39	0°16	17°56	18°52	11°57	21°43	T 10
F 11	15 48 57	28°21'20	29°47	3°56	9°12	7°33	10°31	12°55	3°48	0°40	0°17	17°R56	18°48	12° 3	21°44	F 11
S 12	15 52 54	29°18'52	12°H13	5°10	10°20	8° 6	10°24	12°51	3°50	0°42	0°18	17°56	18°45	12°10	21°44	S 12
S 13	15 56 50	0°II16'22	24°59	6°28	11°28	8°38	10°17	12°47	3°53	0°43	0°19	17°55	18°42	12°17	21°44	S 13
M14	16 0 47	1°13'52	8°Y 8	7°48	12°36	9°10	10°10	12°43	3°55	0°44	0°21	17°53	18°39	12°23	21°45	M14
T 15	16 4 43	2°11'21	21°43	9°10	13°43	9°43	10° 3	12°39	3°57	0°45	0°22	17°51	18°36	12°30	21°45	T 15
W16	16 8 40	3° 8'49	5°B43	10°36	14°51	10°16	9°57	12°35	3°59	0°47	0°23	17°49	18°32	12°37	21°45	W16
T 17	16 12 37	4° 6'16	20° 6	12° 4	15°58	10°48	9°50	12°31	4° 1	0°48	0°25	17°47	18°29	12°43	21°R45	T 17
F 18	16 16 33	5° 3'43	4°II47	13°35	17° 5	11°21	9°44	12°27	4° 3	0°50	0°26	17°46	18°26	12°50	21°45	F 18
S 19	16 20 30	6° 1'09	19°39	15° 8	18°12	11°54	9°38	12°23	4° 5	0°51	0°28	17°D46	18°23	12°57	21°45	S 19
S 20	16 24 26	6°58'33	4°B35	16°45	19°19	12°27	9°32	12°19	4° 7	0°52	0°29	17°46	18°20	13° 3	21°45	S 20
M21	16 28 23	7°55'57	19°26	18°23	20°25	13° 0	9°26	12°15	4° 9	0°54	0°30	17°47	18°17	13°10	21°44	M21
T 22	16 32 19	8°53'20	4°L 6	20° 5	21°32	13°34	9°20	12°11	4°11	0°55	0°32	17°48	18°13	13°17	21°44	T 22
W23	16 36 16	9°50'41	18°31	21°48	22°38	14° 7	9°14	12° 8	4°13	0°57	0°33	17°48	18°10	13°23	21°44	W23
T 24	16 40 13	10°48'01	2°M36	23°35	23°44	14°40	9° 8	12° 4	4°15	0°59	0°35	17°49	18° 7	13°30	21°44	T 24
F 25	16 44 9	11°45'21	16°22	25°24	24°50	15°14	9° 3	12° 0	4°17	1° 0	0°36	17°R49	18° 4	13°37	21°43	F 25
S 26	16 48 6	12°42'39	29°47	27°15	25°56	15°48	8°58	11°57	4°18	1° 2	0°37	17°49	18° 1	13°43	21°43	S 26
S 27	16 52 2	13°39'56	12°A54	29° 9	27° 1	16°21	8°52	11°53	4°20	1° 3	0°39	17°48	17°58	13°50	21°42	S 27
M28	16 55 59	14°37'12	25°43	1°II 5	28° 6	16°55	8°47	11°50	4°22	1° 5	0°40	17°48	17°54	13°57	21°41	M28
T 29	16 59 55	15°34'28	8°M18	3° 4	29°11	17°29	8°42	11°47	4°23	1° 7	0°42	17°48	17°51	14° 3	21°41	T 29
W30	17 3 52	16°31'42	20°40	5° 5	0°L16	18° 3	8°38	11°43	4°25	1° 8	0°43	17°47	17°48	14°10	21°40	W30
T 31	17 7 48	17°II28'57	2°X52	7°II 7	1°L21	18°L37	8°M33	11°M40	4°Y26	1°L10	0°B45	17°D47	17°II45	14°Z17	21°39	T 31

Delta T = 07m12s

Julian Calendar 1 May 1425 == Greg. Calendar 10 May 1425

JUNE 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	17 11 45	18°II26'10	14°X54	9°II12	2°L25	19°L11	8°R29	11°R37	4°Y28	1°L12	0°B46	17°R47	17°II42	14°Z23	21°R38	F 1
S 2	17 15 42	19°23'23	26°50	11°18	3°30	19°45	8°M24	11°M34	4°29	1°13	0°48	17°II47	17°38	14°30	21°37	S 2
S 3	17 19 38	20°20'36	8°Z41	13°26	4°34	20°19	8°20	11°31	4°31	1°15	0°49	17°47	17°35	14°37	21°36	S 3
M 4	17 23 35	21°17'48	20°30	15°35	5°37	20°54	8°16	11°28	4°32	1°17	0°50	17°47	17°32	14°43	21°35	M 4
T 5	17 27 31	22°15'00	2°A19	17°45	6°41	21°28	8°12	11°25	4°33	1°19	0°52	17°46	17°29	14°50	21°34	T 5
W 6	17 31 28	23°12'12	14°12	19°56	7°44	22° 2	8° 9	11°22	4°34	1°21	0°53	17°46	17°26	14°57	21°33	W 6
T 7	17 35 24	24° 9'23	26°11	22° 7	8°47	22°37	8° 5	11°20	4°36	1°22	0°55	17°45	17°23	15° 3	21°32	T 7
F 8	17 39 21	25° 6'35	8°H21	24°18	9°50	23°12	8° 2	11°17	4°37	1°24	0°56	17°44	17°19	15°10	21°31	F 8
S 9	17 43 17	26° 3'46	20°45	26°29	10°52	23°46	7°59	11°15	4°38	1°26	0°58	17°D44	17°16	15°17	21°29	S 9
S 10	17 47 14	27° 0'58	3°Y28	28°40	11°55	24°21	7°56	11°12	4°39	1°28	0°59	17°44	17°13	15°23	21°28	S 10
M11	17 51 11	27°58'09	16°33	0°B50	12°56	24°56	7°53	11°10	4°40	1°30	1° 1	17°45	17°10	15°30	21°27	M11
T 12	17 55 7	28°55'21	0°B 3	3° 0	13°58	25°31	7°50	11° 8	4°41	1°32	1° 2	17°45	17° 7	15°37	21°25	T 12
W13	17 59 4	29°52'33	13°59	5° 8	14°59	26° 6	7°48	11° 5	4°42	1°34	1° 4	17°46	17° 3	15°43	21°24	W13
T 14	18 3 0	0°B49'45	28°21	7°15	16° 0	26°41	7°46	11° 3	4°43	1°36	1° 5	17°47	17° 0	15°50	21°22	T 14
F 15	18 6 57	1°46'57	13°II 5	9°21	17° 1	27°16	7°43	11° 1	4°44	1°38	1° 7	17°R48	16°57	15°57	21°21	F 15
S 16	18 10 53	2°44'09	28° 6	11°25	18° 1	27°51	7°42	10°59	4°44	1°40	1° 8	17°47	16°54	16° 3	21°19	S 16
S 17	18 14 50	3°41'21	13°B16	13°27	19° 1	28°27	7°40	10°57	4°45	1°42	1°10	17°47	16°51	16°10	21°17	S 17
M18	18 18 46	4°38'33	28°25	15°28	20° 1	29° 2	7°38	10°56	4°46	1°44	1°11	17°45	16°48	16°17	21°15	M18
T 19	18 22 43	5°35'46	13°L24	17°27	21° 0	29°37	7°37	10°54	4°46	1°46	1°13	17°43	16°44	16°23	21°13	T 19
W20	18 26 40	6°32'57	28° 4	19°24	21°59	0°M13	7°36	10°52	4°47	1°48	1°14	17°41	16°41	16°30	21°12	W20
T 21	18 30 36	7°30'09	12°M22	21°19	22°58	0°48	7°35	10°51	4°48	1°50	1°16	17°39	16°38	16°37	21°10	T 21
F 22	18 34 33	8°27'21	26°14	23°12	23°56	1°24	7°34	10°49	4°48	1°52	1°17	17°37	16°35	16°43	21° 8	F 22
S 23	18 38 29	9°24'32	9°A39	25° 3	24°54	2° 0	7°33	10°48	4°48	1°54	1°19	17°D37	16°32	16°50	21° 6	S 23
S 24	18 42 26	10°21'43	22°41	26°53	25°51	2°36	7°33	10°47	4°49	1°56	1°20	17°37	16°29	16°57	21° 4	S 24
M25	18 46 22	11°18'55	5°M22	28°40	26°48	3°11	7°32	10°46	4°49	1°58	1°22	17°39	16°25	17° 3	21° 2	M25
T 26	18 50 19	12°16'06	17°46	0°L25	27°44	3°47	7°D32	10°45	4°49	2° 0	1°23	17°40	16°22	17°10	20°59	T 26
W27	18 54 15	13°13'17	29°56	2° 9	28°40	4°23	7°32	10°44	4°50	2° 2	1°25	17°42	16°19	17°17	20°57	W27
T 28	18 58 12	14°10'29	11°X56	3°51	29°36	4°59	7°33	10°43	4°50	2° 5	1°26	17°R43	16°16	17°23	20°55	T 28
F 29	19 2 9	15° 7'41	23°50	5°30	0°M31	5°36	7°33	10°42	4°50	2° 7	1°28	17°43	16°13	17°30	20°53	F 29
S 30	19 6 5	16°B45'53	5°Z40	7°L 8	1°M25	6°M12	7°M34	10°M42	4°Y50	2°L 9	1°B29	17°II41	16°II10	17°Z37	20°50	S 30

Delta T = 07m12s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1425
geocentric

JULY 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 10 2	17°20'06	17°32'29	8°04'44	2°19'19	6°19'48	7°13'34	10°R41	4°Y50	2°L11	1°33'31	17°R39	16°II 6	17°34'43	20°R48	S 1
M 2	19 13 58	17°59'19	29°19	10°18	3°12	7°24	7°35	10°M41	4°R50	2°13	1°32	17°II35	16° 3	17°50	20°46	M 2
T 3	19 17 55	18°56'33	11°11	11°50	4° 5	8° 1	7°37	10°40	4°50	2°15	1°33	17°29	16° 0	17°57	20°43	T 3
W 4	19 21 51	19°53'47	23° 9	13°20	4°57	8°37	7°38	10°40	4°50	2°18	1°35	17°24	15°57	18° 3	20°41	W 4
T 5	19 25 48	20°51'02	5°14	14°48	5°48	9°14	7°39	10°40	4°50	2°20	1°36	17°18	15°54	18°10	20°38	T 5
F 6	19 29 45	21°48'18	17°28	16°14	6°39	9°50	7°41	10°D40	4°50	2°22	1°38	17°13	15°50	18°17	20°36	F 6
S 7	19 33 41	22°45'34	29°54	17°38	7°29	10°27	7°43	10°40	4°50	2°24	1°39	17°10	15°47	18°23	20°33	S 7
S 8	19 37 38	23°42'52	12°Y36	18°59	8°19	11° 3	7°45	10°40	4°49	2°26	1°41	17° 8	15°44	18°30	20°30	S 8
M 9	19 41 34	24°40'10	25°37	20°19	9° 7	11°40	7°47	10°40	4°49	2°29	1°42	17°D 7	15°41	18°37	20°28	M 9
T 10	19 45 31	25°37'29	9° 0	21°37	9°55	12°17	7°50	10°40	4°49	2°31	1°43	17° 8	15°38	18°43	20°25	T 10
W11	19 49 27	26°34'50	22°46	22°53	10°42	12°54	7°52	10°41	4°48	2°33	1°45	17° 9	15°35	18°50	20°22	W11
T 12	19 53 24	27°32'12	6°II58	24° 6	11°29	13°31	7°55	10°41	4°48	2°35	1°46	17°10	15°31	18°57	20°20	T 12
F 13	19 57 20	28°29'34	21°34	25°17	12°14	14° 8	7°58	10°42	4°47	2°37	1°48	17°R10	15°28	19° 3	20°17	F 13
S 14	20 1 17	29°26'58	6°32'29	26°25	12°59	14°45	8° 1	10°42	4°47	2°40	1°49	17° 9	15°25	19°10	20°14	S 14
S 15	20 5 14	0°02'24	21°38	27°32	13°43	15°22	8° 4	10°43	4°46	2°42	1°50	17° 6	15°22	19°17	20°11	S 15
M16	20 9 10	1°21'49	6°02'52	28°35	14°26	15°59	8° 8	10°44	4°45	2°44	1°52	17° 1	15°19	19°23	20° 8	M16
T 17	20 13 7	2°19'16	21°59	29°36	15° 8	16°37	8°11	10°45	4°45	2°46	1°53	16°54	15°16	19°30	20° 6	T 17
W18	20 17 3	3°16'43	6°19'50	0°19'34	15°49	17°14	8°15	10°46	4°44	2°49	1°54	16°47	15°12	19°37	20° 3	W18
T 19	20 21 0	4°14'11	21°18	1°29	16°29	17°51	8°19	10°47	4°43	2°51	1°56	16°41	15° 9	19°43	20° 0	T 19
F 20	20 24 56	5°11'40	5°11'40	2°22	17° 8	18°29	8°23	10°49	4°42	2°53	1°57	16°36	15° 6	19°50	19°57	F 20
S 21	20 28 53	6° 9'10	18°49	3°11	17°45	19° 6	8°27	10°50	4°41	2°55	1°58	16°32	15° 3	19°57	19°54	S 21
S 22	20 32 49	7° 6'40	1°11'52	3°56	18°22	19°44	8°32	10°52	4°40	2°57	1°59	16°D31	15° 0	20° 3	19°51	S 22
M23	20 36 46	8° 4'12	14°31	4°38	18°57	20°21	8°36	10°53	4°39	3° 0	2° 1	16°31	14°56	20°10	19°48	M23
T 24	20 40 43	9° 1'44	26°51	5°17	19°31	20°59	8°41	10°55	4°38	3° 2	2° 2	16°32	14°53	20°17	19°45	T 24
W25	20 44 39	9°59'17	8°21'56	5°51	20° 4	21°37	8°46	10°57	4°37	3° 4	2° 3	16°33	14°50	20°23	19°42	W25
T 26	20 48 36	10°56'52	20°51	6°22	20°35	22°15	8°51	10°58	4°36	3° 6	2° 4	16°R33	14°47	20°30	19°39	T 26
F 27	20 52 32	11°54'27	2°33'41	6°48	21° 5	22°53	8°56	11° 0	4°35	3° 9	2° 6	16°32	14°44	20°37	19°36	F 27
S 28	20 56 29	12°52'03	14°29	7° 9	21°33	23°31	9° 1	11° 2	4°34	3°11	2° 7	16°28	14°41	20°43	19°33	S 28
S 29	21 0 25	13°49'41	26°19	7°26	22° 0	24° 9	9° 7	11° 4	4°32	3°13	2° 8	16°22	14°37	20°50	19°30	S 29
M30	21 4 22	14°47'19	8°11'12	7°38	22°25	24°47	9°13	11° 7	4°31	3°15	2° 9	16°13	14°34	20°57	19°27	M30
T 31	21 8 18	15°04'45	20°11'12	7°19'45	22°19'49	25°19'25	9°18	11°11	4°Y30	3°L17	2°31	16°II 3	14°II31	21°33	19°24	T 31

Delta T = 07m12s

Julian Calendar 1 July 1425 == Greg. Calendar 10 July 1425

AUGUST 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	21 12 15	16°04'24	2°11'18	7°R46	23°11	26°19 3	9°M24	11°M11	4°R29	3°L20	2°31	15°R52	14°II28	21°3110	19°R21	W 1
T 2	21 16 12	17°40'23	14°33	7°19'41	23°31	26°41	9°31	11°14	4°Y27	3°22	2°12	15°II41	14°25	21°17	19°48	T 2
F 3	21 20 8	18°38'07	26°58	7°31	23°49	27°20	9°37	11°16	4°26	3°24	2°14	15°31	14°21	21°23	19°15	F 3
S 4	21 24 5	19°35'53	9°Y34	7°16	24° 5	27°58	9°43	11°19	4°24	3°26	2°15	15°23	14°18	21°30	19°12	S 4
S 5	21 28 1	20°33'41	22°22	6°54	24°20	28°36	9°50	11°22	4°23	3°28	2°16	15°17	14°15	21°37	19° 9	S 5
M 6	21 31 58	21°31'30	5°B24	6°27	24°32	29°15	9°56	11°25	4°21	3°30	2°17	15°14	14°12	21°43	19° 6	M 6
T 7	21 35 54	22°29'21	18°44	5°54	24°43	29°53	10° 3	11°28	4°19	3°32	2°18	15°D13	14° 9	21°50	19° 2	T 7
W 8	21 39 51	23°27'14	2°II23	5°16	24°51	0°11'32	10°10	11°31	4°18	3°35	2°19	15°13	14° 6	21°57	18°59	W 8
T 9	21 43 47	24°25'08	16°23	4°33	24°57	1°11	10°17	11°34	4°16	3°37	2°20	15°R13	14° 2	22° 3	18°56	T 9
F 10	21 47 44	25°23'05	0°33'43	3°45	25° 1	1°49	10°24	11°37	4°14	3°39	2°21	15°12	13°59	22°10	18°53	F 10
S 11	21 51 41	26°21'04	15°23	2°54	25°R 2	2°28	10°32	11°40	4°13	3°41	2°22	15° 9	13°56	22°17	18°50	S 11
S 12	21 55 37	27°19'04	0°02'18	2° 0	25° 2	3° 7	10°39	11°44	4°11	3°43	2°23	15° 4	13°53	22°23	18°47	S 12
M13	21 59 34	28°17'06	15°19	1° 4	24°59	3°46	10°47	11°47	4° 9	3°45	2°24	14°56	13°50	22°30	18°44	M13
T 14	22 3 30	29°15'10	0°19'19	0° 8	24°53	4°25	10°55	11°51	4° 7	3°47	2°25	14°46	13°47	22°37	18°41	T 14
W15	22 7 27	0°19'13	15° 8	29°02'12	24°46	5° 4	11° 3	11°54	4° 5	3°49	2°25	14°35	13°43	22°43	18°38	W15
T 16	22 11 23	1°11'22	29°37	28°17	24°36	5°43	11°11	11°58	4° 4	3°51	2°26	14°24	13°40	22°50	18°35	T 16
F 17	22 15 20	2° 9'31	13°11'40	27°26	24°23	6°22	11°19	12° 2	4° 2	3°53	2°27	14°15	13°37	22°57	18°32	F 17
S 18	22 19 16	3° 7'41	27°15	26°38	24° 8	7° 2	11°27	12° 5	4° 0	3°55	2°28	14° 9	13°34	23° 3	18°30	S 18
S 19	22 23 13	4° 5'52	10°M22	25°56	23°51	7°41	11°35	12° 9	3°58	3°57	2°29	14° 5	13°31	23°10	18°27	S 19
M20	22 27 10	5° 4'05	23° 3	25°20	23°32	8°20	11°44	12°13	3°56	3°59	2°30	14° 3	13°27	23°17	18°24	M20
T 21	22 31 6	6° 2'20	5°11'24	24°50	23°10	9° 0	11°53	12°17	3°54	4° 1	2°30	14°D 2	13°24	23°23	18°21	T 21
W22	22 35 3	7° 0'36	17°28	24°29	22°46	9°39	12° 1	12°22	3°52	4° 3	2°31	14°R 2	13°21	23°30	18°18	W22
T 23	22 38 59	7°58'54	29°23	24°16	22°21	10°19	12°10	12°26	3°49	4° 5	2°32	14° 2	13°18	23°37	18°15	T 23
F 24	22 42 56	8°57'13	11°31'12	24°D12	21°53	10°58	12°19	12°30	3°47	4° 7	2°33	13°59	13°15	23°44	18°12	F 24
S 25	22 46 52	9°55'34	23° 1	24°17	21°23	11°38	12°28	12°34	3°45	4° 9	2°33	13°54	13°12	23°50	18°10	S 25
S 26	22 50 49	10°53'57	4°11'53	24°31	20°52	12°18	12°37	12°39	3°43	4°11	2°34	13°47	13° 8	23°57	18° 7	S 26
M27	22 54 45	11°52'21	16°52	24°54	20°19	12°57	12°47	12°43	3°41	4°13	2°35	13°37	13° 5	24° 4	18° 4	M27
T 28	22 58 42	12°50'47	29° 1	25°27	19°45	13°37	12°56	12°48	3°39	4°14	2°35	13°24	13° 2	24°10	18° 1	T 28
W29	23 2 39	13°49'15	11°11'20	26° 8	19°10	14°17	13° 6	12°53	3°36	4°16	2°36	13°11	12°59	24°17	17°59	W29
T 30	23 6 35	14°47'45	23°50	26°57	18°34	14°57	13°15	12°57	3°34	4°18	2°37	12°57	12°56	24°24	17°56	T 30
F 31	23 10 32	15°19'46	6°Y31	27°02'54	17°19'57	15°11'37	13°M25	13°M 2	3°Y32	4°L20	2°37	12°II45	12°II53	24°330	17°54	F 31

Delta T = 07m12s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1425

geocentric

SEPTEMBER 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	23 14 28	16 ¹¹ 44'50	19 ¹¹ 23	28 ¹¹ 58	17 ¹¹ R21	16 ¹¹ 17	13 ¹¹ M35	13 ¹¹ M 7	3 ¹¹ R30	4 ¹¹ L22	2 ¹¹ 38	12 ¹¹ R34	12 ¹¹ II49	24 ¹¹ 37	17 ¹¹ R51	S 1
S 2	23 18 25	17 ¹¹ 43'26	2 ¹¹ 26	0 ¹¹ 9	16 ¹¹ 43	16 ¹¹ 57	13 ¹¹ 45	13 ¹¹ 12	3 ¹¹ Y27	4 ¹¹ 23	2 ¹¹ 38	12 ¹¹ II27	12 ¹¹ 46	24 ¹¹ 44	17 ¹¹ 49	S 2
M 3	23 22 21	18 ¹¹ 42'04	15 ¹¹ 41	1 ¹¹ 26	16 ¹¹ 7	17 ¹¹ 38	13 ¹¹ 55	13 ¹¹ 17	3 ¹¹ 25	4 ¹¹ 25	2 ¹¹ 39	12 ¹¹ 22	12 ¹¹ 43	24 ¹¹ 50	17 ¹¹ 46	M 3
T 4	23 26 18	19 ¹¹ 40'45	29 ¹¹ 7	2 ¹¹ 49	15 ¹¹ 30	18 ¹¹ 18	14 ¹¹ 5	13 ¹¹ 22	3 ¹¹ 23	4 ¹¹ 27	2 ¹¹ 39	12 ¹¹ 20	12 ¹¹ 40	24 ¹¹ 57	17 ¹¹ 44	T 4
W 5	23 30 14	20 ¹¹ 39'27	12 ¹¹ II47	4 ¹¹ 16	14 ¹¹ 54	18 ¹¹ 58	14 ¹¹ 15	13 ¹¹ 27	3 ¹¹ 20	4 ¹¹ 28	2 ¹¹ 40	12 ¹¹ 20	12 ¹¹ 37	25 ¹¹ 4	17 ¹¹ 41	W 5
T 6	23 34 11	21 ¹¹ 38'13	26 ¹¹ 41	5 ¹¹ 48	14 ¹¹ 19	19 ¹¹ 39	14 ¹¹ 25	13 ¹¹ 32	3 ¹¹ 18	4 ¹¹ 30	2 ¹¹ 40	12 ¹¹ 20	12 ¹¹ 33	25 ¹¹ 10	17 ¹¹ 39	T 6
F 7	23 38 7	22 ¹¹ 37'00	10 ¹¹ 349	7 ¹¹ 23	13 ¹¹ 45	20 ¹¹ 19	14 ¹¹ 36	13 ¹¹ 38	3 ¹¹ 16	4 ¹¹ 32	2 ¹¹ 41	12 ¹¹ 19	12 ¹¹ 30	25 ¹¹ 17	17 ¹¹ 37	F 7
S 8	23 42 4	23 ¹¹ 35'50	25 ¹¹ 10	9 ¹¹ 2	13 ¹¹ 12	21 ¹¹ 0	14 ¹¹ 46	13 ¹¹ 43	3 ¹¹ 13	4 ¹¹ 33	2 ¹¹ 41	12 ¹¹ 16	12 ¹¹ 27	25 ¹¹ 24	17 ¹¹ 34	S 8
S 9	23 46 1	24 ¹¹ 34'42	9 ¹¹ 123	10 ¹¹ 43	12 ¹¹ 41	21 ¹¹ 40	14 ¹¹ 57	13 ¹¹ 48	3 ¹¹ 11	4 ¹¹ 35	2 ¹¹ 41	12 ¹¹ 10	12 ¹¹ 24	25 ¹¹ 30	17 ¹¹ 32	S 9
M10	23 49 57	25 ¹¹ 33'36	24 ¹¹ 22	12 ¹¹ 26	12 ¹¹ 11	22 ¹¹ 21	15 ¹¹ 8	13 ¹¹ 54	3 ¹¹ 8	4 ¹¹ 36	2 ¹¹ 42	12 ¹¹ 2	12 ¹¹ 21	25 ¹¹ 37	17 ¹¹ 30	M10
T 11	23 53 54	26 ¹¹ 32'32	9 ¹¹ 11	14 ¹¹ 10	11 ¹¹ 43	23 ¹¹ 1	15 ¹¹ 18	13 ¹¹ 59	3 ¹¹ 6	4 ¹¹ 38	2 ¹¹ 42	11 ¹¹ 52	12 ¹¹ 18	25 ¹¹ 44	17 ¹¹ 28	T 11
W12	23 57 50	27 ¹¹ 31'31	23 ¹¹ 32	15 ¹¹ 56	11 ¹¹ 17	23 ¹¹ 42	15 ¹¹ 29	14 ¹¹ 5	3 ¹¹ 4	4 ¹¹ 39	2 ¹¹ 42	11 ¹¹ 41	12 ¹¹ 14	25 ¹¹ 50	17 ¹¹ 26	W12
T 13	0 1 47	28 ¹¹ 30'31	7 ¹¹ 148	17 ¹¹ 43	10 ¹¹ 53	24 ¹¹ 23	15 ¹¹ 40	14 ¹¹ 11	3 ¹¹ 1	4 ¹¹ 41	2 ¹¹ 43	11 ¹¹ 30	12 ¹¹ 11	25 ¹¹ 57	17 ¹¹ 23	T 13
F 14	0 5 43	29 ¹¹ 29'34	21 ¹¹ 44	19 ¹¹ 30	10 ¹¹ 31	25 ¹¹ 4	15 ¹¹ 51	14 ¹¹ 16	2 ¹¹ 59	4 ¹¹ 42	2 ¹¹ 43	11 ¹¹ 20	12 ¹¹ 8	26 ¹¹ 4	17 ¹¹ 21	F 14
S 15	0 9 40	0 ¹¹ 28'38	5 ¹¹ M15	21 ¹¹ 18	10 ¹¹ 12	25 ¹¹ 45	16 ¹¹ 2	14 ¹¹ 22	2 ¹¹ 56	4 ¹¹ 44	2 ¹¹ 43	11 ¹¹ 13	12 ¹¹ 5	26 ¹¹ 10	17 ¹¹ 19	S 15
S 16	0 13 36	1 ¹¹ 27'45	18 ¹¹ 21	23 ¹¹ 6	9 ¹¹ 54	26 ¹¹ 26	16 ¹¹ 13	14 ¹¹ 28	2 ¹¹ 54	4 ¹¹ 45	2 ¹¹ 43	11 ¹¹ 8	12 ¹¹ 2	26 ¹¹ 17	17 ¹¹ 18	S 16
M17	0 17 33	2 ¹¹ 26'53	1 ¹¹ 4	24 ¹¹ 54	9 ¹¹ 39	27 ¹¹ 7	16 ¹¹ 25	14 ¹¹ 34	2 ¹¹ 51	4 ¹¹ 47	2 ¹¹ 43	11 ¹¹ 6	11 ¹¹ 58	26 ¹¹ 24	17 ¹¹ 16	M17
T 18	0 21 30	3 ¹¹ 26'03	13 ¹¹ 26	26 ¹¹ 42	9 ¹¹ 27	27 ¹¹ 48	16 ¹¹ 36	14 ¹¹ 39	2 ¹¹ 49	4 ¹¹ 48	2 ¹¹ 44	11 ¹¹ D 5	11 ¹¹ 55	26 ¹¹ 31	17 ¹¹ 14	T 18
W19	0 25 26	4 ¹¹ 25'16	25 ¹¹ 32	28 ¹¹ 29	9 ¹¹ 17	28 ¹¹ 29	16 ¹¹ 47	14 ¹¹ 45	2 ¹¹ 47	4 ¹¹ 49	2 ¹¹ 44	11 ¹¹ 6	11 ¹¹ 52	26 ¹¹ 37	17 ¹¹ 12	W19
T 20	0 29 23	5 ¹¹ 24'29	7 ¹¹ 328	0 ¹¹ 16	9 ¹¹ 9	29 ¹¹ 10	16 ¹¹ 59	14 ¹¹ 51	2 ¹¹ 44	4 ¹¹ 51	2 ¹¹ 44	11 ¹¹ R 6	11 ¹¹ 49	26 ¹¹ 44	17 ¹¹ 10	T 20
F 21	0 33 19	6 ¹¹ 23'45	19 ¹¹ 18	2 ¹¹ 2	9 ¹¹ 4	29 ¹¹ 52	17 ¹¹ 11	14 ¹¹ 57	2 ¹¹ 42	4 ¹¹ 52	2 ¹¹ 44	11 ¹¹ 5	11 ¹¹ 46	26 ¹¹ 51	17 ¹¹ 9	F 21
S 22	0 37 16	7 ¹¹ 23'03	1 ¹¹ 9	3 ¹¹ 48	9 ¹¹ 1	0 ¹¹ M33	17 ¹¹ 22	15 ¹¹ 3	2 ¹¹ 39	4 ¹¹ 53	2 ¹¹ 44	11 ¹¹ 2	11 ¹¹ 43	26 ¹¹ 57	17 ¹¹ 7	S 22
S 23	0 41 12	8 ¹¹ 22'22	13 ¹¹ 4	5 ¹¹ 34	9 ¹¹ D 1	1 ¹¹ 15	17 ¹¹ 34	15 ¹¹ 10	2 ¹¹ 37	4 ¹¹ 54	2 ¹¹ 44	10 ¹¹ 57	11 ¹¹ 39	27 ¹¹ 4	17 ¹¹ 5	S 23
M24	0 45 9	9 ¹¹ 21'43	25 ¹¹ 8	7 ¹¹ 18	9 ¹¹ 3	1 ¹¹ 56	17 ¹¹ 46	15 ¹¹ 16	2 ¹¹ 35	4 ¹¹ 55	2 ¹¹ R44	10 ¹¹ 49	11 ¹¹ 36	27 ¹¹ 11	17 ¹¹ 4	M24
T 25	0 49 5	10 ¹¹ 21'06	7 ¹¹ 124	9 ¹¹ 2	9 ¹¹ 7	2 ¹¹ 38	17 ¹¹ 57	15 ¹¹ 22	2 ¹¹ 32	4 ¹¹ 57	2 ¹¹ 44	10 ¹¹ 39	11 ¹¹ 33	27 ¹¹ 17	17 ¹¹ 3	T 25
W26	0 53 2	11 ¹¹ 20'31	19 ¹¹ 54	10 ¹¹ 46	9 ¹¹ 13	3 ¹¹ 19	18 ¹¹ 9	15 ¹¹ 28	2 ¹¹ 30	4 ¹¹ 58	2 ¹¹ 44	10 ¹¹ 29	11 ¹¹ 30	27 ¹¹ 24	17 ¹¹ 1	W26
T 27	0 56 59	12 ¹¹ 19'58	2 ¹¹ Y39	12 ¹¹ 28	9 ¹¹ 22	4 ¹¹ 1	18 ¹¹ 21	15 ¹¹ 34	2 ¹¹ 27	4 ¹¹ 59	2 ¹¹ 44	10 ¹¹ 18	11 ¹¹ 27	27 ¹¹ 31	17 ¹¹ 0	T 27
F 28	1 0 55	13 ¹¹ 19'27	15 ¹¹ 39	14 ¹¹ 10	9 ¹¹ 33	4 ¹¹ 43	18 ¹¹ 33	15 ¹¹ 41	2 ¹¹ 25	5 ¹¹ 0	2 ¹¹ 44	10 ¹¹ 8	11 ¹¹ 24	27 ¹¹ 37	16 ¹¹ 59	F 28
S 29	1 4 52	14 ¹¹ 18'58	28 ¹¹ 53	15 ¹¹ 52	9 ¹¹ 47	5 ¹¹ 24	18 ¹¹ 45	15 ¹¹ 47	2 ¹¹ 23	5 ¹¹ 1	2 ¹¹ 44	10 ¹¹ 0	11 ¹¹ 20	27 ¹¹ 44	16 ¹¹ 57	S 29
S 30	1 8 48	15 ¹¹ 18'31	12 ¹¹ 19	17 ¹¹ 123	10 ¹¹ 12	6 ¹¹ M 6	18 ¹¹ M58	15 ¹¹ M54	2 ¹¹ Y20	5 ¹¹ L 2	2 ¹¹ 344	9 ¹¹ II54	11 ¹¹ II17	27 ¹¹ 351	16 ¹¹ 56	S 30

Delta T = 07m11s

Julian Calendar 1 Sept. 1425 == Greg. Calendar 10 Sept. 1425

OCTOBER 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	1 12 45	16 ¹¹ 18'06	25 ¹¹ 355	19 ¹¹ 12	10 ¹¹ 19	6 ¹¹ M48	19 ¹¹ M10	16 ¹¹ M 0	2 ¹¹ R18	5 ¹¹ L 3	2 ¹¹ R44	9 ¹¹ R51	11 ¹¹ II14	27 ¹¹ 357	16 ¹¹ R55	M 1
T 2	1 16 41	17 ¹¹ 17'44	9 ¹¹ II40	20 ¹¹ 51	10 ¹¹ 38	7 ¹¹ 30	19 ¹¹ 22	16 ¹¹ 7	2 ¹¹ Y16	5 ¹¹ 4	2 ¹¹ 343	9 ¹¹ D50	11 ¹¹ 11	28 ¹¹ 4	16 ¹¹ 55	T 2
W 3	1 20 38	18 ¹¹ 17'24	23 ¹¹ 33	22 ¹¹ 30	11 ¹¹ 0	8 ¹¹ 12	19 ¹¹ 34	16 ¹¹ 13	2 ¹¹ 13	5 ¹¹ 5	2 ¹¹ 43	9 ¹¹ II51	11 ¹¹ 8	28 ¹¹ 11	16 ¹¹ 53	W 3
T 4	1 24 34	19 ¹¹ 17'06	7 ¹¹ 333	24 ¹¹ 8	11 ¹¹ 23	8 ¹¹ 54	19 ¹¹ 47	16 ¹¹ 20	2 ¹¹ 11	5 ¹¹ 6	2 ¹¹ 43	9 ¹¹ 52	11 ¹¹ 4	28 ¹¹ 17	16 ¹¹ 52	T 4
F 5	1 28 31	20 ¹¹ 16'50	21 ¹¹ 38	25 ¹¹ 46	11 ¹¹ 48	9 ¹¹ 36	19 ¹¹ 59	16 ¹¹ 26	2 ¹¹ 9	5 ¹¹ 7	2 ¹¹ 43	9 ¹¹ R52	11 ¹¹ 1	28 ¹¹ 24	16 ¹¹ 51	F 5
S 6	1 32 28	21 ¹¹ 16'37	5 ¹¹ L49	27 ¹¹ 23	12 ¹¹ 14	10 ¹¹ 19	20 ¹¹ 12	16 ¹¹ 33	2 ¹¹ 6	5 ¹¹ 7	2 ¹¹ 43	9 ¹¹ 51	10 ¹¹ 58	28 ¹¹ 31	16 ¹¹ 50	S 6
S 7	1 36 24	22 ¹¹ 16'27	20 ¹¹ 3	28 ¹¹ 59	12 ¹¹ 42	11 ¹¹ 1	20 ¹¹ 24	16 ¹¹ 39	2 ¹¹ 4	5 ¹¹ 8	2 ¹¹ 42	9 ¹¹ 48	10 ¹¹ 55	28 ¹¹ 38	16 ¹¹ 50	S 7
M 8	1 40 21	23 ¹¹ 16'18	4 ¹¹ 117	0 ¹¹ M35	13 ¹¹ 12	11 ¹¹ 43	20 ¹¹ 37	16 ¹¹ 46	2 ¹¹ 2	5 ¹¹ 9	2 ¹¹ 42	9 ¹¹ 43	10 ¹¹ 52	28 ¹¹ 44	16 ¹¹ 49	M 8
T 9	1 44 17	24 ¹¹ 16'12	18 ¹¹ 28	2 ¹¹ 10	13 ¹¹ 44	12 ¹¹ 26	20 ¹¹ 49	16 ¹¹ 53	2 ¹¹ 0	5 ¹¹ 10	2 ¹¹ 42	9 ¹¹ 37	10 ¹¹ 49	28 ¹¹ 51	16 ¹¹ 48	T 9
W10	1 48 14	25 ¹¹ 16'07	2 ¹¹ 132	3 ¹¹ 44	14 ¹¹ 17	13 ¹¹ 8	21 ¹¹ 2	17 ¹¹ 0	1 ¹¹ 58	5 ¹¹ 10	2 ¹¹ 41	9 ¹¹ 29	10 ¹¹ 45	28 ¹¹ 58	16 ¹¹ 48	W10
T 11	1 52 10	26 ¹¹ 16'05	16 ¹¹ 24	5 ¹¹ 19	14 ¹¹ 51	13 ¹¹ 51	21 ¹¹ 15	17 ¹¹ 6	1 ¹¹ 55	5 ¹¹ 11	2 ¹¹ 41	9 ¹¹ 22	10 ¹¹ 42	29 ¹¹ 4	16 ¹¹ 47	T 11
F 12	1 56 7	27 ¹¹ 16'05	29 ¹¹ 59	6 ¹¹ 52	15 ¹¹ 27	14 ¹¹ 33	21 ¹¹ 28	17 ¹¹ 13	1 ¹¹ 53	5 ¹¹ 12	2 ¹¹ 41	9 ¹¹ 15	10 ¹¹ 39	29 ¹¹ 11	16 ¹¹ 47	F 12
S 13	2 0 3	28 ¹¹ 16'06	13 ¹¹ M17	8 ¹¹ 26	16 ¹¹ 4	15 ¹¹ 16	21 ¹¹ 40	17 ¹¹ 20	1 ¹¹ 51	5 ¹¹ 12	2 ¹¹ 40	9 ¹¹ 11	10 ¹¹ 36	29 ¹¹ 18	16 ¹¹ 46	S 13
S 14	2 4 0	29 ¹¹ 16'10	26 ¹¹ 15	9 ¹¹ 58	16 ¹¹ 42	15 ¹¹ 58	21 ¹¹ 53	17 ¹¹ 27	1 ¹¹ 49	5 ¹¹ 13	2 ¹¹ 40	9 ¹¹ 8	10 ¹¹ 33	29 ¹¹ 24	16 ¹¹ 46	S

ASTRODIENST EPHEMERIS for the year 1425

geocentric

NOVEMBER 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 14 58	17♏21'53	18♏22	6♏26	1♏4	28♏57	25♏50	19♏33	1°R17	5°R17	2°R28	8♏46	9♏35	1♏25	16♏51	T 1
F 2	3 18 55	18°22'28	2♏38	7°49	2°0	29°41	26°3	19°40	1°Y16	5♏17	2♏27	8°48	9°32	1°32	16°52	F 2
S 3	3 22 51	19°23'04	16°51	9°10	2°56	0♏24	26°17	19°47	1°14	5°17	2°27	8°R48	9°29	1°38	16°53	S 3
S 4	3 26 48	20°23'43	0♏56	10°30	3°52	1°8	26°30	19°54	1°13	5°17	2°26	8°48	9°26	1°45	16°54	S 4
M 5	3 30 44	21°24'23	14°53	11°48	4°50	1°52	26°44	20°2	1°11	5°16	2°25	8°47	9°23	1°52	16°55	M 5
T 6	3 34 41	22°25'05	28°41	13°5	5°47	2°36	26°57	20°9	1°10	5°16	2°24	8°45	9°20	1°58	16°56	T 6
W 7	3 38 37	23°25'48	12♏17	14°20	6°46	3°20	27°11	20°16	1°9	5°16	2°23	8°43	9°16	2°5	16°57	W 7
T 8	3 42 34	24°26'33	25°40	15°33	7°44	4°5	27°24	20°23	1°8	5°16	2°22	8°41	9°13	2°12	16°59	T 8
F 9	3 46 30	25°27'20	8♏51	16°44	8°44	4°49	27°37	20°30	1°7	5°15	2°21	8°39	9°10	2°18	17°0	F 9
S 10	3 50 27	26°28'08	21°47	17°52	9°43	5°33	27°51	20°37	1°6	5°15	2°20	8°38	9°7	2°25	17°1	S 10
S 11	3 54 23	27°28'57	4♏28	18°57	10°44	6°17	28°4	20°44	1°5	5°15	2°19	8°D37	9°4	2°32	17°3	S 11
M12	3 58 20	28°29'48	16°56	19°59	11°44	7°2	28°18	20°51	1°4	5°14	2°18	8°37	9°1	2°38	17°4	M12
T 13	4 2 17	29°30'40	29°11	20°57	12°45	7°46	28°31	20°58	1°3	5°14	2°17	8°38	8°57	2°45	17°6	T 13
W14	4 6 13	0♏31'33	11♏14	21°50	13°47	8°30	28°45	21°5	1°2	5°13	2°16	8°39	8°54	2°52	17°7	W14
T 15	4 10 10	1°32'26	23°10	22°38	14°49	9°15	28°58	21°12	1°1	5°13	2°15	8°39	8°51	2°59	17°9	T 15
F 16	4 14 6	2°33'21	5♏1	23°20	15°51	10°0	29°12	21°19	1°0	5°12	2°14	8°40	8°48	3°5	17°11	F 16
S 17	4 18 3	3°34'17	16°51	23°55	16°54	10°44	29°25	21°26	0°59	5°11	2°13	8°41	8°45	3°12	17°13	S 17
S 18	4 21 59	4°35'13	28°46	24°23	17°57	11°29	29°39	21°33	0°59	5°11	2°12	8°41	8°41	3°19	17°15	S 18
M19	4 25 56	5°36'10	10♏49	24°43	19°0	12°14	29°52	21°40	0°58	5°10	2°11	8°R41	8°38	3°25	17°16	M19
T 20	4 29 53	6°37'08	23°5	24°54	20°4	12°58	0♏6	21°47	0°57	5°9	2°10	8°41	8°35	3°32	17°18	T 20
W21	4 33 49	7°38'06	5♏39	24°R55	21°8	13°43	0°19	21°54	0°57	5°9	2°9	8°41	8°32	3°39	17°20	W21
T 22	4 37 46	8°39'05	18°34	24°45	22°12	14°28	0°33	22°1	0°56	5°8	2°8	8°D41	8°29	3°45	17°22	T 22
F 23	4 41 42	9°40'05	1♏53	24°24	23°17	15°13	0°46	22°8	0°56	5°7	2°7	8°41	8°26	3°52	17°25	F 23
S 24	4 45 39	10°41'06	15°36	23°52	24°22	15°58	0°59	22°15	0°55	5°6	2°5	8°41	8°22	3°59	17°27	S 24
S 25	4 49 35	11°42'07	29°43	23°8	25°27	16°43	1°13	22°22	0°55	5°6	2°4	8°41	8°19	4°6	17°29	S 25
M26	4 53 32	12°43'09	14♏9	22°13	26°33	17°28	1°26	22°28	0°55	5°5	2°3	8°R41	8°16	4°12	17°31	M26
T 27	4 57 28	13°44'12	28°49	21°9	27°38	18°13	1°39	22°35	0°54	5°4	2°2	8°41	8°13	4°19	17°34	T 27
W28	5 1 25	14°45'16	13♏36	19°56	28°44	18°58	1°53	22°42	0°54	5°3	2°1	8°40	8°10	4°26	17°36	W28
T 29	5 5 22	15°46'20	28°24	18°38	29°51	19°43	2°6	22°49	0°54	5°2	2°0	8°39	8°7	4°32	17°39	T 29
F 30	5 9 18	16°47'26	13♏4	17°15	0♏57	20°29	2°19	22♏56	0°Y54	5♏1	1♏58	8♏39	8♏3	4♏39	17°41	F 30

Delta T = 07m11s

Julian Calendar 1 Nov. 1425 == Greg. Calendar 10 Nov. 1425

DECEMBER 1425 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	5 13 15	17♏48'32	27♏31	15°R52	2♏4	21♏14	2♏33	23♏2	0°R54	5°R0	1°R57	8°R38	8♏0	4♏46	17♏44	S 1
S 2	5 17 11	18°49'39	11♏43	14♏32	3°11	21°59	2°46	23°9	0°D54	4♏59	1♏56	8♏37	7°57	4°52	17°46	S 2
M 3	5 21 8	19°50'47	25°36	13°16	4°18	22°45	2°59	23°15	0°Y54	4°58	1°55	8°D37	7°54	4°59	17°49	M 3
T 4	5 25 4	20°51'55	9♏11	12°6	5°26	23°30	3°12	23°22	0°54	4°57	1°54	8°38	7°51	5°6	17°51	T 4
W 5	5 29 1	21°53'05	22°28	11°6	6°34	24°15	3°26	23°29	0°54	4°56	1°52	8°39	7°47	5°13	17°54	W 5
T 6	5 32 57	22°54'15	5♏30	10°15	7°42	25°1	3°39	23°35	0°54	4°55	1°51	8°40	7°44	5°19	17°57	T 6
F 7	5 36 54	23°55'25	18°17	9°35	8°50	25°47	3°52	23°42	0°55	4°53	1°50	8°41	7°41	5°26	18°0	F 7
S 8	5 40 51	24°56'37	0♏51	9°6	9°58	26°32	4°5	23°48	0°55	4°52	1°49	8°42	7°38	5°33	18°3	S 8
S 9	5 44 47	25°57'48	13°14	8°47	11°6	27°18	4°18	23°54	0°55	4°51	1°48	8°R42	7°35	5°39	18°6	S 9
M10	5 48 44	26°59'00	25°28	8°D39	12°15	28°4	4°31	24°1	0°56	4°50	1°46	8°41	7°32	5°46	18°9	M10
T 11	5 52 40	28°0'13	7♏33	8°40	13°24	28°49	4°44	24°7	0°56	4°48	1°45	8°39	7°28	5°53	18°12	T 11
W12	5 56 37	29°1'25	19°31	8°50	14°33	29°35	4°57	24°13	0°57	4°47	1°44	8°37	7°25	5°59	18°15	W12
T 13	6 0 33	0♏2'37	1♏25	9°8	15°42	0♏21	5°10	24°20	0°57	4°46	1°43	8°33	7°22	6°6	18°18	T 13
F 14	6 4 30	1°4'30	13°15	9°34	16°51	1°7	5°23	24°26	0°58	4°45	1°41	8°29	7°19	6°13	18°21	F 14
S 15	6 8 26	2°5'02	25°5	10°7	18°1	1°53	5°35	24°32	0°59	4°43	1°40	8°25	7°16	6°20	18°24	S 15
S 16	6 12 23	3°6'14	6♏59	10°46	19°10	2°39	5°48	24°38	0°59	4°42	1°39	8°22	7°13	6°26	18°27	S 16
M17	6 16 20	4°7'26	19°0	11°30	20°20	3°25	6°1	24°44	1°0	4°40	1°38	8°19	7°9	6°33	18°31	M17
T 18	6 20 16	5°8'37	1°Y12	12°19	21°30	4°11	6°14	24°50	1°1	4°39	1°36	8°D18	7°6	6°40	18°34	T 18
W19	6 24 13	6°9'49	13°39	13°12	22°40	4°57	6°26	24°56	1°2	4°38	1°35	8°19	7°3	6°46	18°37	W19
T 20	6 28 9	7°10'59	26°28	14°9	23°50	5°43	6°39	25°2	1°3	4°36	1°34	8°20	7°0	6°53	18°41	T 20
F 21	6 32 6	8°12'10	9♏40	15°9	25°0	6°29	6°51	25°8	1°4	4°35	1°33	8°21	6°57	7°0	18°44	F 21
S 22	6 36 2	9°13'19	23°19	16°13	26°10	7°15	7°4	25°13	1°5	4°33	1°32	8°23	6°53	7°7	18°48	S 22
S 23	6 39 59	10°14'29	7♏27	17°19	27°21	8°2	7°16	25°19	1°6	4°32	1°30	8°R24	6°50	7°13	18°51	S 23
M24	6 43 56	11°15'38	22°0	18°28	28°31	8°48	7°28	25°25	1°7	4°30	1°29	8°23	6°47	7°20	18°55	M24
T 25	6 47 52	12°16'47	6♏55	19°39	29°42	9°34	7°41	25°30	1°8	4°29	1°28	8°21	6°44	7°27	18°58	T 25
W26	6 51 49	13°17'55	22°4	20°51	0♏53	10°20	7°53	25°36	1°9	4°27	1°27	8°17	6°41	7°33	19°2	W26
T 27	6 55 45	14°19'03	7♏16	22°6	2°4	11°7	8°5	25°42	1°11	4°26	1°26	8°11	6°38	7°40	19°5	T 27
F 28	6 59 42	15°20'11	22°22	23°22	3°14	11°53	8°17	25°47	1°12	4°24	1°24	8°6	6°34	7°47	19°9	F 28
S 29	7 3 38	16°21'18	7♏13	24°40	4°26	12°40	8°29	25°52	1°13	4°22	1°23	8°0	6°31	7°53	19°13	S 29
S 30	7 7 35	17°22'25	21°41	25°59	5°37	13°26	8°41	25°58	1°15	4°21	1°22	7°56	6°28	8°0	19°16	S 30
M31	7 11 31	18♏23'31	5♏43	27♏19	6♏48	14♏12	8♏53	26♏3	1°Y16	4♏19	1♏21	7♏54	6♏25	8♏7	19°20	M31

Delta T = 07m11s

Julian Calendar