



Astrodienst Ephemeris Tables for the year 1475

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 1475

geocentric

JANUARY 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 16 0	19°30'57	23°47	3°48	5°46	28°17	19°28	20°R31	13°M41	22°M 0	21°R52	18°R26	18°439	22°117	22°442	S 1
M 2	7 19 57	20°32'03	5°M43	4°46	6°52	29° 4	19°42	20°26	13°43	22° 1	21°M52	18°26	18°35	22°23	22°46	M 2
T 3	7 23 53	21°33'10	18°44	6°23	7°57	29°51	19°56	20°21	13°45	22° 3	21°51	18°24	18°32	22°30	22°49	T 3
W 4	7 27 50	22°34'16	2°13	7°59	9° 2	0°39	20°10	20°16	13°47	22° 4	21°51	18°19	18°29	22°37	22°53	W 4
T 5	7 31 46	23°35'22	16°12	9°33	10° 7	1°26	20°24	20°11	13°49	22° 5	21°50	18°12	18°26	22°44	22°57	T 5
F 6	7 35 43	24°36'27	0°340	11° 5	11°12	2°13	20°38	20° 6	13°51	22° 7	21°49	18° 2	18°23	22°50	23° 0	F 6
S 7	7 39 39	25°37'32	15°32	12°35	12°16	3° 1	20°52	20° 1	13°53	22° 8	21°49	17°51	18°20	22°57	23° 4	S 7
S 8	7 43 36	26°38'36	0°40	14° 1	13°20	3°48	21° 7	19°56	13°54	22° 9	21°48	17°39	18°16	23° 4	23° 8	S 8
M 9	7 47 32	27°39'38	15°53	15°25	14°24	4°35	21°21	19°51	13°56	22°10	21°47	17°28	18°13	23°10	23°12	M 9
T 10	7 51 29	28°40'40	1°11	16°44	15°27	5°23	21°35	19°47	13°58	22°12	21°46	17°19	18°10	23°17	23°16	T 10
W11	7 55 26	29°41'41	15°52	17°58	16°30	6°10	21°49	19°42	13°59	22°13	21°45	17°13	18° 7	23°24	23°20	W11
T 12	7 59 22	0°42'41	0°Y22	19° 6	17°33	6°57	22° 3	19°37	14° 1	22°14	21°45	17°10	18° 4	23°30	23°23	T 12
F 13	8 3 19	1°43'39	14°29	20° 8	18°35	7°45	22°17	19°32	14° 2	22°15	21°44	17°D 9	18° 0	23°37	23°27	F 13
S 14	8 7 15	2°44'36	28°10	21° 3	19°37	8°32	22°31	19°27	14° 4	22°16	21°43	17°R10	17°57	23°44	23°31	S 14
S 15	8 11 12	3°45'31	11°829	21°50	20°39	9°20	22°45	19°23	14° 5	22°17	21°42	17° 9	17°54	23°51	23°35	S 15
M16	8 15 8	4°46'26	24°28	22°28	21°40	10° 7	22°59	19°18	14° 6	22°18	21°41	17° 8	17°51	23°57	23°39	M16
T 17	8 19 5	5°47'19	7°II11	22°56	22°41	10°54	23°13	19°13	14° 8	22°19	21°40	17° 4	17°48	24° 4	23°43	T 17
W18	8 23 1	6°48'10	19°40	23°14	23°41	11°42	23°27	19° 9	14° 9	22°20	21°39	16°57	17°45	24°11	23°47	W18
T 19	8 26 58	7°49'01	1°59	23°R22	24°41	12°29	23°41	19° 4	14°10	22°21	21°38	16°47	17°41	24°17	23°51	T 19
F 20	8 30 55	8°49'49	14° 9	23°18	25°40	13°17	23°55	18°59	14°11	22°22	21°37	16°35	17°38	24°24	23°55	F 20
S 21	8 34 51	9°50'37	26°13	23° 4	26°39	14° 4	24° 9	18°55	14°12	22°22	21°36	16°22	17°35	24°31	23°59	S 21
S 22	8 38 48	10°51'23	8°11	22°39	27°37	14°51	24°23	18°51	14°13	22°23	21°34	16° 9	17°32	24°37	24° 3	S 22
M23	8 42 44	11°52'08	20° 4	22° 3	28°35	15°39	24°37	18°46	14°14	22°24	21°33	15°57	17°29	24°44	24° 7	M23
T 24	8 46 41	12°52'51	1°M55	21°18	29°32	16°26	24°50	18°42	14°15	22°25	21°32	15°47	17°26	24°51	24°11	T 24
W25	8 50 37	13°53'33	13°45	20°25	0°Y29	17°14	25° 4	18°38	14°16	22°25	21°31	15°39	17°22	24°57	24°16	W25
T 26	8 54 34	14°54'14	25°35	19°25	1°25	18° 1	25°18	18°34	14°17	22°26	21°30	15°34	17°19	25° 4	24°20	T 26
F 27	8 58 30	15°54'54	7°130	18°20	2°21	18°49	25°32	18°29	14°17	22°27	21°29	15°32	17°16	25°11	24°24	F 27
S 28	9 2 27	16°55'32	19°33	17°12	3°16	19°36	25°45	18°25	14°18	22°27	21°27	15°D32	17°13	25°18	24°28	S 28
S 29	9 6 24	17°56'09	1°M49	16° 2	4°10	20°24	25°59	18°21	14°19	22°28	21°26	15°33	17°10	25°24	24°32	S 29
M30	9 10 20	18°56'45	14°21	14°53	5° 3	21°11	26°13	18°17	14°19	22°28	21°25	15°R34	17° 6	25°31	24°36	M30
T 31	9 14 17	19°57'20	27°M16	13°46	5°Y56	21°58	26°26	18°14	14°M20	22°M29	21°M23	15°433	17°43	25°138	24°440	T 31

Delta T = 05m43s

Julian Calendar 1 Jan. 1475 == Greg. Calendar 10 Jan. 1475

FEBRUARY 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	9 18 13	20°57'54	10°137	12°R43	6°Y49	22°46	26°340	18°R10	14°M20	22°M29	21°R22	15°R31	17°430	25°144	24°444	W 1
T 2	9 22 10	21°58'26	24°27	11°45	7°40	23°33	26°53	18°26	14°20	22°30	21°M21	15°27	16°57	25°51	24°48	T 2
F 3	9 26 6	22°58'57	8°347	10°53	8°31	24°21	27° 7	18° 2	14°21	22°30	21°19	15°21	16°54	25°58	24°53	F 3
S 4	9 30 3	23°59'27	23°33	10° 7	9°21	25° 8	27°20	17°59	14°21	22°30	21°18	15°14	16°51	26° 4	24°57	S 4
S 5	9 33 59	24°59'55	8°40	9°29	10°10	25°56	27°34	17°56	14°21	22°31	21°17	15° 5	16°47	26°11	25° 1	S 5
M 6	9 37 56	26° 0'21	23°57	8°58	10°58	26°43	27°47	17°52	14°22	22°31	21°15	14°58	16°44	26°18	25° 5	M 6
T 7	9 41 53	27° 0'46	9°15	8°34	11°46	27°30	28° 0	17°49	14°22	22°31	21°14	14°52	16°41	26°24	25° 9	T 7
W 8	9 45 49	28° 1'09	24°21	8°18	12°32	28°18	28°13	17°46	14°22	22°31	21°12	14°48	16°38	26°31	25°13	W 8
T 9	9 49 46	29° 1'30	9°Y 8	8° 9	13°18	29° 5	28°27	17°43	14°R22	22°32	21°11	14°D46	16°35	26°38	25°17	T 9
F 10	9 53 42	0°149	23°29	8°D 7	14° 2	29°52	28°40	17°40	14°22	22°32	21° 9	14°46	16°32	26°45	25°21	F 10
S 11	9 57 39	1° 2'06	7°824	8°12	14°46	0°Y40	28°53	17°37	14°22	22°32	21° 8	14°48	16°28	26°51	25°26	S 11
S 12	10 1 35	2° 2'21	20°51	8°23	15°28	1°27	29° 6	17°34	14°21	22°32	21° 6	14°49	16°25	26°58	25°30	S 12
M13	10 5 32	3° 2'34	3°II54	8°39	16° 9	2°14	29°19	17°31	14°21	22°32	21° 5	14°R49	16°22	27° 5	25°34	M13
T 14	10 9 28	4° 2'45	16°36	9° 2	16°49	3° 2	29°32	17°28	14°21	22°R32	21° 3	14°48	16°19	27°11	25°38	T 14
W15	10 13 25	5° 2'54	29° 1	9°29	17°28	3°49	29°44	17°26	14°21	22°32	21° 2	14°46	16°16	27°18	25°42	W15
T 16	10 17 22	6° 3'01	11°12	10° 1	18° 6	4°36	29°57	17°23	14°20	22°32	21° 0	14°41	16°12	27°25	25°46	T 16
F 17	10 21 18	7° 3'05	23°15	10°37	18°42	5°23	0°M10	17°21	14°20	22°32	20°58	14°35	16° 9	27°31	25°50	F 17
S 18	10 25 15	8° 3'08	5°11	11°18	19°17	6°11	0°23	17°19	14°19	22°32	20°57	14°29	16° 6	27°38	25°54	S 18
S 19	10 29 11	9° 3'08	17° 3	12° 2	19°50	6°58	0°35	17°17	14°19	22°32	20°55	14°22	16° 3	27°45	25°58	S 19
M20	10 33 8	10° 3'06	28°53	12°51	20°22	7°45	0°48	17°15	14°18	22°31	20°54	14°15	16° 0	27°51	26° 2	M20
T 21	10 37 4	11° 3'03	10°M44	13°42	20°53	8°32	1° 0	17°13	14°18	22°31	20°52	14°10	15°57	27°58	26° 6	T 21
W22	10 41 1	12° 2'57	22°36	14°37	21°21	9°19	1°13	17°11	14°17	22°31	20°50	14° 6	15°53	28° 5	26°10	W22
T 23	10 44 57	13° 2'50	4°33	15°34	21°49	10° 6	1°25	17° 9	14°16	22°31	20°49	14° 4	15°50	28°11	26°14	T 23
F 24	10 48 54	14° 2'40	16°36	16°34	22°14	10°53	1°37	17° 8	14°15	22°30	20°47	14°D 4	15°47	28°18	26°18	F 24
S 25	10 52 50	15° 2'29	28°47	17°37	22°38	11°41	1°49	17° 6	14°15	22°30	20°46	14° 5	15°44	28°25	26°22	S 25
S 26	10 56 47	16° 2'16	11°M 9	18°42	23° 0	12°28	2° 2	17° 5	14°14	22°30	20°44	14° 6	15°41	28°32	26°26	S 26
M27	11 0 44	17° 2'01	23°47	19°50	23°20	13°15	2°14	17° 3	14°13	22°29	20°42	14° 8	15°37	28°38	26°30	M27
T 28	11 4 40	18°144	6°42	21°44	23°Y38	14°11	2°25	17°2	14°M12	22°M29	20°M41	14°49	15°34	28°45	26°34	T 28

Delta T = 05m42s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1475
geocentric

MARCH 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	11 8 37	19°12'26"	20°0'0"	22°12'54"	23°15'49"	14°49'28"	2°37'17"	17°R 1	14°R11	22°R28	20°R39	14°R10	15°R31	28°R52	26°R38	W 1
T 2	11 12 33	20°1'06"	3°34'1"	23°25'24"	15°36'2°49	17°0'0"	14°M10	22°M28	20°M37	14°M 9	15°28	28°58	26°42	T 2		T 2
F 3	11 16 30	21°0'45"	17°47'24"	24°19'16°22	3°1'16°59	14°8	22°27	20°36	14°7	15°25	29°5	26°46	F 3		F 3	
S 4	11 20 26	22°0'21"	2°16'25°59	24°29'17°9	3°13	16°59	14°7	22°27	20°34	14°5	15°22	29°12	26°49	S 4		S 4
S 5	11 24 23	22°59'56"	17°6'27°18	24°36'17°56	3°24	16°58	14°6	22°26	20°33	14°2	15°18	29°18	26°53	S 5		S 5
M 6	11 28 19	23°59'29"	2°9'28°39	24°41'18°43	3°36	16°57	14°5	22°25	20°31	13°59	15°15	29°25	26°57	M 6		M 6
T 7	11 32 16	24°58'59"	17°17'0°18	24°44'19°30	3°47	16°57	14°3	22°25	20°29	13°57	15°12	29°32	27°1	T 7		T 7
W 8	11 36 13	25°58'28"	2°21'1°26	24°R45	20°17	3°58	16°57	14°2	22°24	20°28	13°56	15°9	29°38	W 8		W 8
T 9	11 40 9	26°57'55"	17°11'2°52	24°43'21°3	4°9	16°57	14°1	22°23	20°26	13°D56	15°6	29°45	27°8	T 9		T 9
F 10	11 44 6	27°57'19"	1°40'4°19	24°38'21°50	4°20	16°D57	13°59	22°23	20°24	13°56	15°3	29°52	27°12	F 10		F 10
S 11	11 48 2	28°56'42"	15°44'5°48	24°31'22°37	4°31	16°57	13°58	22°22	20°23	13°57	14°59	29°58	27°16	S 11		S 11
S 12	11 51 59	29°56'02"	29°21'7°18	24°22'23°23	4°42	16°57	13°56	22°21	20°21	13°59	14°56	0°M 5	27°19	S 12		S 12
M13	11 55 55	0°Y55'19"	12°II32	8°50'24°10	24°10	4°53	16°57	13°55	22°20	20°20	14°0	14°53	0°12	M13		M13
T 14	11 59 52	1°54'35"	25°20'10°23	23°55'24°57	5°4	16°57	13°53	22°19	20°18	14°0	14°50	0°19	27°26	T 14		T 14
W15	12 3 48	2°53'48"	7°04'11°58	23°38'25°43	5°14	16°58	13°51	22°18	20°16	14°R 0	14°47	0°25	27°30	W15		W15
T 16	12 7 45	3°52'58"	19°59'13°34	23°19'26°30	5°25	16°58	13°50	22°17	20°15	14°0	14°43	0°32	27°33	T 16		T 16
F 17	12 11 42	4°52'07"	2°0'15°11	22°57'27°16	5°35	16°59	13°48	22°17	20°13	13°59	14°40	0°39	27°37	F 17		F 17
S 18	12 15 38	5°51'13"	13°53'16°50	22°33'28°3	5°46	17°0	13°46	22°16	20°12	13°58	14°37	0°45	27°40	S 18		S 18
S 19	12 19 35	6°50'16"	25°43'18°30	22°7'28°49	5°56	17°1	13°44	22°15	20°10	13°57	14°34	0°52	27°44	S 19		S 19
M20	12 23 31	7°49'18"	7°M32	20°12'21°39	29°35	6°6	17°2	13°42	22°14	20°9	13°56	14°31	0°59	M20		M20
T 21	12 27 28	8°48'17"	19°25'21°55	21°9'0°Y22	6°16	17°3	13°41	22°12	20°7	13°55	14°28	1°5	27°50	T 21		T 21
W22	12 31 24	9°47'14"	1°24'23°40	20°37'1°8	6°26	17°4	13°39	22°11	20°5	13°55	14°24	1°12	27°54	W22		W22
T 23	12 35 21	10°46'09"	13°30'25°26	20°4'1°54	6°35	17°6	13°37	22°10	20°4	13°D55	14°21	1°19	27°57	T 23		T 23
F 24	12 39 17	11°45'07"	25°45'27°14	19°29'2°40	6°45	17°7	13°35	22°9	20°2	13°55	14°18	1°25	28°0	F 24		F 24
S 25	12 43 14	12°43'53"	8°M11	29°3'18°53	3°26	6°55	17°9	13°33	22°8	20°1	13°55	14°15	1°32	S 25		S 25
S 26	12 47 10	13°42'42"	20°49'0°Y54	18°17'4°13	7°4	17°10	13°31	22°7	19°59	13°R55	14°12	1°39	28°7	S 26		S 26
M27	12 51 7	14°41'30"	3°M41	2°46'17°39	4°59	7°13	17°12	13°29	22°6	19°58	13°55	14°8	1°45	M27		M27
T 28	12 55 4	15°40'15"	16°48'4°40	17°1'5°45	7°22	17°14	13°26	22°4	19°57	13°55	14°5	1°52	28°13	T 28		T 28
W29	12 59 0	16°38'59"	0°31'6°35	16°23'6°31	7°31	17°16	13°24	22°3	19°55	13°55	14°2	1°59	28°16	W29		W29
T 30	13 2 57	17°37'41"	13°52'8°32	15°46'7°17	7°40	17°18	13°22	22°2	19°54	13°D54	13°59	2°5	28°19	T 30		T 30
F 31	13 6 53	18°Y36'21"	27°350	10°Y30	15°Y 8	8°Y 3	7°M49	17°020	13°M20	22°M 1	19°M52	13°M54	13°M56	2°M12	28°M22	F 31

Delta T = 05m42s

Julian Calendar 1 March 1475 == Greg. Calendar 10 March 1475

APRIL 1475 JC

00:00 UT

Day	Sid.t	☉	☾	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 10 50	19°Y35'00"	12°M 4	12°Y29	14°R31	8°Y48	7°M58	17°023	13°R18	21°R59	19°R51	13°M55	13°M53	2°M19	28°M25	S 1
S 2	13 14 46	20°33'37"	26°33'	14°31'	13°Y55	9°34'	8°6'	17°25'	13°M16	21°M58	19°M50	13°55'	13°49'	2°25'	28°28'	S 2
M 3	13 18 43	21°32'12"	11°M12	16°33'	13°20'	10°20'	8°15'	17°28'	13°13'	21°57'	19°48'	13°56'	13°46'	2°32'	28°30'	M 3
T 4	13 22 39	22°30'46"	25°57'	18°37'	12°46'	11°6'	8°23'	17°30'	13°11'	21°55'	19°47'	13°56'	13°43'	2°39'	28°33'	T 4
W 5	13 26 36	23°29'18"	10°Y41	20°42'	12°14'	11°52'	8°31'	17°33'	13°9'	21°54'	19°46'	13°R57	13°40'	2°45'	28°36'	W 5
T 6	13 30 33	24°27'47"	25°17'	22°48'	11°43'	12°37'	8°39'	17°36'	13°6'	21°53'	19°44'	13°57'	13°37'	2°52'	28°39'	T 6
F 7	13 34 29	25°26'16"	9°B39	24°54'	11°14'	13°23'	8°47'	17°39'	13°4'	21°51'	19°43'	13°56'	13°34'	2°59'	28°41'	F 7
S 8	13 38 26	26°24'42"	23°42'	27°2'	10°47'	14°8'	8°54'	17°42'	13°2'	21°50'	19°42'	13°55'	13°30'	3°6'	28°44'	S 8
S 9	13 42 22	27°23'06"	7°II21	29°10'	10°22'	14°54'	9°2'	17°45'	12°59'	21°48'	19°41'	13°53'	13°27'	3°12'	28°47'	S 9
M10	13 46 19	28°21'28"	20°37'	1°B19	10°0'	15°39'	9°9'	17°48'	12°57'	21°47'	19°39'	13°51'	13°24'	3°19'	28°49'	M10
T 11	13 50 15	29°19'48"	3°029	3°28'	9°39'	16°25'	9°17'	17°51'	12°54'	21°46'	19°38'	13°49'	13°21'	3°26'	28°52'	T 11
W12	13 54 12	0°B18'06"	16°1'	5°36'	9°21'	17°10'	9°24'	17°55'	12°52'	21°44'	19°37'	13°48'	13°18'	3°32'	28°54'	W12
T 13	13 58 8	1°16'22"	28°15'	7°45'	9°5'	17°55'	9°31'	17°58'	12°50'	21°43'	19°36'	13°D47	13°14'	3°39'	28°56'	T 13
F 14	14 2 5	2°14'35"	10°I16	9°52'	8°52'	18°41'	9°38'	18°2'	12°47'	21°41'	19°35'	13°48'	13°11'	3°46'	28°59'	F 14
S 15	14 6 2	3°12'47"	22°10'	11°58'	8°40'	19°26'	9°44'	18°5'	12°45'	21°40'	19°34'	13°49'	13°8'	3°52'	29°1'	S 15
S 16	14 9 58	4°10'57"	4°M 0	14°4'	8°32'	20°11'	9°51'	18°9'	12°42'	21°38'	19°33'	13°50'	13°5'	3°59'	29°3'	S 16
M17	14 13 55	5°9'04"	15°50'	16°7'	8°26'	20°56'	9°57'	18°13'	12°40'	21°36'	19°32'	13°52'	13°2'	4°6'	29°5'	M17
T 18	14 17 51	6°7'10"	27°47'	18°8'	8°22'	21°41'	10°3'	18°17'	12°37'	21°35'	19°31'	13°53'	12°59'	4°12'	29°8'	T 18
W19	14 21 48	7°5'14"	9°M51	20°8'	8°D20	22°26'	10°9'	18°21'	12°35'	21°33'	19°30'	13°R54	12°55'	4°19'	29°10'	W19
T 20	14 25 44	8°3'16"	22°8'	22°5'	8°21'	23°11'	10°15'	18°25'	12°32'	21°32'	19°29'	13°54'	12°52'	4°26'	29°12'	T 20
F 21	14 29 41	9°1'16"	4°M38	23°59'	8°25'	23°56'	10°21'	18°29'	12°30'	21°30'	19°28'	13°52'	12°49'	4°32'	29°14'	F 21
S 22	14 33 37	9°59'15"	17°23'	25°50'	8°30'	24°41'	10°27'	18°34'	12°27'	21°29'	19°27'	13°50'	12°46'	4°39'	29°16'	S 22
S 23	14 37 34	10°57'12"	0°M23	27°39'	8°38'	25°26'	10°32'	18°38'	12°25'	21°27'	19°26'	13°46'	12°43'	4°46'	29°18'	S 23
M24	14 41 31	11°55'08"	13°37'	29°24'	8°48'	26°11'	10°37'	18°42'	12°22'	21°25'	19°25'	13°42'	12°40'	4°52'	29°19'	M24
T 25	14 45 27	12°53'02"	27°5'	1°II 6	9°0'	26°55'	10°42'	18°47'	12°20'	21°24'	19°24'	13°37'	12°36'	4°59'	29°21'	T 25
W26	14 49 24	13°50'55"	10°B45	2°45'	9°14'	27°40'	10°47'	18°52'	12°17'	21°22'	19°23'	13°34'	12°33'	5°6'	29°23'	W26
T 27	14 53 20	14°48'47"	24°36'	4°20'	9°31'	28°25'	10°52'	18°56'	12°15'	21°21'	19°23'	13°31'	12°30'	5°12'	29°25'	T 27
F 28	14 57 17	15°46'38"	8°M37	5°52'	9°49'	29°9'	10°57'	19°1'	12°12'	21°19'	19°22'	13°29'	12°27'	5°19'	29°26'	F 28
S 29	15 1 13	16°44'27"	22°44'	7°20'	10°9'	29°54'	11°1'	19°6'	12°10'	21°17'	19°21'	13°D29	12°24'	5°26'	29°28'	S 29
S 30	15 5 10	17°B42'15"	6°M58	8°II45	10°Y30	0°B38	11°M 5	19°011	12°M 7	21°M16	19°M20	13°M30	12°M20	5°M32	29°M29	S 30

Delta T = 05m42s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1475
geocentric

MAY 1475 JC

00:00 UT

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

Delta T = 05m42s Julian Calendar 1 May 1475 == Greg. Calendar 10 May 1475

JUNE 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 11 20	18°11'31	13°41'18	18°05'28	23°52'11	11°44'22	22°24'10	10°55'20	20°26'19	19°15'11	11°49'10	10°39'10	9°11'06	29°47'29	T 1
F 2	17 15 16	19°18'47	27°18'17	17°31'34	24°34'25	11°44'22	22°31'10	10°54'20	20°23'19	19°15'11	11°43'10	10°36'10	9°12'06	29°48'29	F 2
S 3	17 19 13	20°16'03	10°11'44	16°58'43	25°17'11	11°40'22	22°38'10	10°52'20	20°23'19	19°15'11	11°34'10	10°32'10	9°19'06	29°46'29	S 3
S 4	17 23 9	21°13'18	23°56'16	16°27'05	26°00'11	11°37'22	22°45'10	10°50'20	20°22'19	19°16'11	11°24'10	10°29'10	9°26'06	29°45'29	S 4
M 5	17 27 6	22°10'33	6°53'15	15°57'06	26°42'11	11°35'22	22°52'10	10°48'20	20°21'19	19°16'11	11°12'10	10°26'10	9°32'06	29°45'29	M 5
T 6	17 31 2	23°07'47	19°35'15	15°30'07	27°24'11	11°32'22	22°59'10	10°47'20	20°19'19	19°17'11	11°00'10	10°23'10	9°39'06	29°44'29	T 6
W 7	17 34 59	24°05'01	2°12'15	15°06'08	28°07'11	11°29'23	23°06'10	10°45'20	20°18'19	19°17'11	10°50'10	10°20'10	9°46'06	29°43'29	W 7
T 8	17 38 56	25°02'14	14°11'14	14°45'09	28°49'11	11°26'23	23°13'10	10°44'20	20°17'19	19°18'11	10°41'10	10°17'10	9°52'06	29°43'29	T 8
F 9	17 42 52	25°59'27	26°11'14	14°27'10	29°31'11	11°23'23	23°20'10	10°42'20	20°16'19	19°18'11	10°35'10	10°13'10	9°59'06	29°42'29	F 9
S 10	17 46 49	26°56'39	8°11'03	14°14'11	11°17'00	11°19'23	23°28'10	10°40'20	20°14'19	19°19'11	10°32'10	10°10'10	10°06'06	29°41'29	S 10
S 11	17 50 45	27°53'51	19°52'14	14°05'12	12°16'00	11°16'23	23°35'10	10°39'20	20°13'19	19°20'11	10°30'10	10°07'10	10°12'06	29°40'29	S 11
M12	17 54 42	28°51'02	1°43'14	14°00'13	13°15'01	11°12'23	23°42'10	10°38'20	20°12'19	19°20'11	10°30'10	10°04'10	10°19'06	29°39'29	M12
T 13	17 58 38	29°48'13	13°42'14	14°00'14	14°14'01	11°08'23	23°49'10	10°36'20	20°11'19	19°21'11	10°29'10	10°01'10	10°26'06	29°38'29	T 13
W14	18 2 35	0°45'24	25°53'14	14°05'15	15°14'01	11°04'23	23°57'10	10°35'20	20°10'19	19°22'11	10°29'10	9°57'10	10°32'06	29°37'29	W14
T 15	18 6 31	1°42'34	8°11'21	14°15'16	16°14'01	11°00'24	24°04'10	10°34'20	20°08'19	19°22'11	10°27'10	9°54'10	10°39'06	29°36'29	T 15
F 16	18 10 28	2°39'44	21°12'14	14°30'17	17°15'01	10°55'24	24°11'10	10°32'20	20°07'19	19°23'11	10°22'10	9°51'10	10°46'06	29°35'29	F 16
S 17	18 14 25	3°36'53	4°47'14	14°49'18	18°15'01	10°51'24	24°19'10	10°31'20	20°06'19	19°24'11	10°15'10	9°48'10	10°52'06	29°33'29	S 17
S 18	18 18 21	4°34'03	18°05'15	15°14'19	19°16'01	10°46'24	24°26'10	10°30'20	20°05'19	19°25'11	10°05'10	9°45'10	10°59'06	29°32'29	S 18
M19	18 22 18	5°31'12	2°34'15	15°44'20	20°18'01	10°41'24	24°34'10	10°29'20	20°04'19	19°26'11	9°54'10	9°42'11	11°06'06	29°31'29	M19
T 20	18 26 14	6°28'22	16°25'16	16°18'21	21°19'01	10°36'24	24°41'10	10°28'20	20°03'19	19°27'11	9°42'10	9°38'11	11°12'06	29°29'29	T 20
W21	18 30 11	7°25'32	0°56'16	16°58'22	22°21'01	10°31'24	24°49'10	10°27'20	20°02'19	19°28'11	9°32'10	9°35'11	11°19'06	29°28'29	W21
T 22	18 34 7	8°22'42	15°32'17	17°42'23	23°23'01	10°25'24	24°56'10	10°26'20	20°01'19	19°29'11	9°23'10	9°32'11	11°26'06	29°26'29	T 22
F 23	18 38 4	9°19'52	0°11'18	18°31'24	24°26'01	10°20'25	25°04'10	10°25'20	20°00'19	19°30'11	9°17'10	9°29'11	11°32'06	29°25'29	F 23
S 24	18 42 0	10°17'02	14°33'19	19°25'25	25°28'01	10°14'25	25°12'10	10°24'20	19°59'19	19°31'11	9°14'10	9°26'11	11°39'06	29°23'29	S 24
S 25	18 45 57	11°14'13	28°50'20	20°23'26	26°31'10	10°09'25	25°19'10	10°23'20	19°59'19	19°32'11	9°13'10	9°23'11	11°46'06	29°21'29	S 25
M26	18 49 54	12°11'25	12°54'21	21°26'27	27°34'11	10°03'25	25°27'10	10°23'20	19°58'19	19°33'11	9°13'10	9°19'11	11°52'06	29°20'29	M26
T 27	18 53 50	13°08'37	26°45'22	22°34'28	28°38'12	9°57'25	25°34'10	10°22'20	19°57'19	19°34'11	9°12'10	9°16'11	11°59'06	29°18'29	T 27
W28	18 57 47	14°05'50	10°11'23	23°46'29	29°41'12	9°50'25	25°42'10	10°21'20	19°56'19	19°35'11	9°11'10	9°13'11	12°06'06	29°16'29	W28
T 29	19 1 43	15°03'04	23°51'25	25°03'00	30°45'13	9°44'25	25°50'10	10°21'20	19°55'19	19°36'11	9°07'10	9°10'11	12°12'06	29°14'29	T 29
F 30	19 5 40	16°01'18	7°11'26	26°11'24	31°49'11	9°38'25	25°57'10	10°20'20	19°54'19	19°37'11	9°00'10	9°00'11	12°19'06	29°12'29	F 30

Delta T = 05m42s Julian Calendar

ASTRODIENST EPHEMERIS for the year 1475

geocentric

JULY 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 9 36	16°57'33	20°11 9	27°11 49	2°11 54	14°11 45	9°R31	26°5 5	10°R20	19°R54	19°R39	8°R50	9°R 3	12°R26	29°R10	S 1
S 2	19 13 33	17°54'48	3°5 1	29°19	3°58	15°26	9°R24	26°13	10°R19	19°R53	19°40	8°R38	9° 0	12°32	29°R 8	S 2
M 3	19 17 29	18°52'04	15°41	0°52	5° 3	16° 7	9°18	26°21	10°19	19°52	19°41	8°26	8°57	12°39	29° 6	M 3
T 4	19 21 26	19°49'21	28° 8	2°30	6° 8	16°48	9°11	26°28	10°18	19°52	19°43	8°13	8°54	12°46	29° 4	T 4
W 5	19 25 23	20°46'37	10°R23	4°11	7°13	17°28	9° 4	26°36	10°18	19°51	19°44	8° 1	8°51	12°52	29° 2	W 5
T 6	19 29 19	21°43'55	22°27	5°55	8°18	18° 9	8°57	26°44	10°18	19°51	19°45	7°52	8°48	12°59	29° 0	T 6
F 7	19 33 16	22°41'13	4°R22	7°43	9°24	18°50	8°49	26°52	10°17	19°50	19°47	7°45	8°44	13° 6	28°58	F 7
S 8	19 37 12	23°38'31	16°12	9°35	10°29	19°30	8°42	26°59	10°17	19°50	19°48	7°40	8°41	13°12	28°55	S 8
S 9	19 41 9	24°35'50	27°59	11°29	11°35	20°11	8°35	27° 7	10°17	19°49	19°49	7°38	8°38	13°19	28°53	S 9
M10	19 45 5	25°33'09	9°R48	13°25	12°41	20°51	8°28	27°15	10°17	19°49	19°51	7°D38	8°35	13°26	28°51	M10
T 11	19 49 2	26°30'28	21°45	15°24	13°47	21°31	8°20	27°23	10°D17	19°48	19°52	7°R38	8°32	13°32	28°48	T 11
W12	19 52 58	27°27'48	3°R55	17°25	14°54	22°12	8°13	27°30	10°17	19°48	19°54	7°38	8°29	13°39	28°46	W12
T 13	19 56 55	28°25'09	16°23	19°27	16° 0	22°52	8° 5	27°38	10°17	19°48	19°55	7°37	8°25	13°46	28°44	T 13
F 14	20 0 52	29°22'30	29°14	21°31	17° 7	23°32	7°57	27°46	10°17	19°47	19°57	7°33	8°22	13°52	28°41	F 14
S 15	20 4 48	0°R19'52	12°R32	23°36	18°14	24°12	7°50	27°54	10°18	19°47	19°59	7°28	8°19	13°59	28°39	S 15
S 16	20 8 45	1°17'15	26°17	25°41	19°21	24°52	7°42	28° 1	10°18	19°47	20° 0	7°20	8°16	14° 6	28°36	S 16
M17	20 12 41	2°14'38	10°R29	27°46	20°28	25°32	7°34	28° 9	10°18	19°46	20° 2	7°10	8°13	14°12	28°34	M17
T 18	20 16 38	3°12'03	25° 4	29°52	21°35	26°12	7°27	28°17	10°19	19°46	20° 4	7° 1	8° 9	14°19	28°31	T 18
W19	20 20 34	4° 9'28	9°R55	1°R57	22°42	26°52	7°19	28°25	10°19	19°46	20° 5	6°52	8° 6	14°26	28°28	W19
T 20	20 24 31	5° 6'54	24°53	4° 2	23°50	27°32	7°11	28°32	10°19	19°46	20° 7	6°44	8° 3	14°32	28°26	T 20
F 21	20 28 27	6° 4'21	9°R50	6° 6	24°58	28°11	7° 3	28°40	10°20	19°46	20° 9	6°39	8° 0	14°39	28°23	F 21
S 22	20 32 24	7° 1'49	24°37	8° 9	26° 5	28°51	6°55	28°48	10°20	19°46	20°10	6°37	7°57	14°46	28°20	S 22
S 23	20 36 21	7°59'19	9°R 9	10°11	27°13	29°31	6°48	28°56	10°21	19°46	20°12	6°D36	7°54	14°52	28°18	S 23
M24	20 40 17	8°56'50	23°22	12°12	28°21	0°R10	6°40	29° 3	10°22	19°D46	20°14	6°37	7°50	14°59	28°15	M24
T 25	20 44 14	9°54'22	7°R16	14°12	29°30	0°50	6°32	29°11	10°22	19°46	20°16	6°R38	7°47	15° 6	28°12	T 25
W26	20 48 10	10°51'56	20°50	16°11	0°R38	1°29	6°24	29°19	10°23	19°46	20°18	6°37	7°44	15°12	28° 9	W26
T 27	20 52 7	11°49'32	4°R 7	18° 8	1°47	2° 9	6°16	29°26	10°24	19°46	20°19	6°35	7°41	15°19	28° 6	T 27
F 28	20 56 3	12°47'09	17° 7	20° 4	2°55	2°48	6° 9	29°34	10°25	19°46	20°21	6°31	7°38	15°25	28° 4	F 28
S 29	21 0 0	13°44'47	29°54	21°58	4° 4	3°27	6° 1	29°42	10°26	19°46	20°23	6°24	7°35	15°32	28° 1	S 29
S 30	21 3 56	14°42'27	12°R28	23°51	5°13	4° 6	5°53	29°49	10°27	19°46	20°25	6°16	7°31	15°39	27°58	S 30
M31	21 7 53	15°R40'09	24°R51	25°R43	6°R22	4°R45	5°R46	29°R57	10°R28	19°R47	20°R27	6°R 6	7°R28	15°R45	27°R55	M31

Delta T = 05m42s

Julian Calendar 1 July 1475 == Greg. Calendar 10 July 1475

AUGUST 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	21 11 50	16°R37'51	7°R 4	27°R33	7°R31	5°R25	5°R38	0°R 4	10°R29	19°R47	20°R29	5°R57	7°R25	15°R52	27°R52	T 1
W 2	21 15 46	17°35'36	19° 7	29°22	8°40	6° 4	5°R31	0°12	10°30	19°47	20°31	5°R49	7°22	15°59	27°R49	W 2
T 3	21 19 43	18°33'21	1°R 4	1°R 9	9°50	6°42	5°23	0°19	10°31	19°47	20°33	5°42	7°19	16° 5	27°46	T 3
F 4	21 23 39	19°31'08	12°54	2°55	10°59	7°21	5°16	0°27	10°32	19°48	20°35	5°37	7°15	16°12	27°43	F 4
S 5	21 27 36	20°28'56	24°41	4°40	12° 9	8° 0	5° 8	0°34	10°34	19°48	20°37	5°35	7°12	16°19	27°40	S 5
S 6	21 31 32	21°26'45	6°R27	6°23	13°19	8°39	5° 1	0°42	10°35	19°49	20°39	5°D34	7° 9	16°25	27°37	S 6
M 7	21 35 29	22°24'36	18°17	8° 5	14°28	9°18	4°54	0°49	10°36	19°49	20°41	5°35	7° 6	16°32	27°35	M 7
T 8	21 39 25	23°22'28	0°R14	9°45	15°38	9°56	4°47	0°57	10°38	19°49	20°43	5°36	7° 3	16°39	27°32	T 8
W 9	21 43 22	24°20'21	12°23	11°24	16°48	10°35	4°40	1° 4	10°39	19°50	20°45	5°37	7° 0	16°45	27°29	W 9
T 10	21 47 19	25°18'16	24°49	13° 2	17°58	11°13	4°33	1°11	10°41	19°51	20°47	5°R38	6°56	16°52	27°26	T 10
F 11	21 51 15	26°16'12	7°R37	14°38	19° 9	11°52	4°26	1°19	10°42	19°51	20°49	5°37	6°53	16°59	27°23	F 11
S 12	21 55 12	27°14'09	20°50	16°13	20°19	12°30	4°20	1°26	10°44	19°52	20°51	5°35	6°50	17° 5	27°20	S 12
S 13	21 59 8	28°12'08	4°R32	17°47	21°29	13° 8	4°13	1°33	10°46	19°52	20°53	5°31	6°47	17°12	27°17	S 13
M14	22 3 5	29°10'08	18°43	19°20	22°40	13°47	4° 7	1°40	10°47	19°53	20°55	5°27	6°44	17°19	27°14	M14
T 15	22 7 1	0°R 8'09	3°R19	20°51	23°51	14°25	4° 0	1°48	10°49	19°54	20°57	5°21	6°40	17°25	27°11	T 15
W16	22 10 58	1° 6'12	18°16	22°20	25° 1	15° 3	3°54	1°55	10°51	19°54	21° 0	5°17	6°37	17°32	27° 8	W16
T 17	22 14 54	2° 4'17	3°R26	23°49	26°12	15°41	3°48	2° 2	10°53	19°55	21° 2	5°13	6°34	17°39	27° 5	T 17
F 18	22 18 51	3° 2'23	18°38	25°16	27°23	16°19	3°42	2° 9	10°55	19°56	21° 4	5°10	6°31	17°45	27° 2	F 18
S 19	22 22 48	4° 0'31	3°R42	26°42	28°34	16°57	3°37	2°16	10°57	19°57	21° 6	5°D 9	6°28	17°52	26°59	S 19
S 20	22 26 44	4°58'40	18°32	28° 6	29°45	17°35	3°31	2°23	10°59	19°58	21° 8	5°10	6°25	17°59	26°56	S 20
M21	22 30 41	5°56'52	3°R 0	29°29	0°R56	18°12	3°25	2°30	11° 1	19°59	21°10	5°11	6°21	18° 5	26°53	M21
T 22	22 34 37	6°55'06	17° 4	0°R51	2° 8	18°50	3°20	2°37	11° 3	19°59	21°13	5°13	6°18	18°12	26°50	T 22
W23	22 38 34	7°53'22	0°R44	2°11	3°19	19°28	3°15	2°44	11° 5	20° 0	21°15	5°14	6°15	18°18	26°47	W23
T 24	22 42 30	8°51'40	14° 0	3°30	4°30	20° 5	3°10	2°50	11° 7	20° 1	21°17	5°R14	6°12	18°25	26°44	T 24
F 25	22 46 27	9°50'01	26°56	4°47	5°42	20°43	3° 5	2°57	11° 9	20° 2	21°19	5°13	6° 9	18°32	26°41	F 25
S 26	22 50 23	10°48'23	9°R33	6° 2	6°54	21°20	3° 0	3° 4	11°11	20° 3	21°21	5°10	6° 6	18°38	26°39	S 26
S 27	22 54 20	11°46'48	21°56	7°16	8° 5	21°58	2°56	3°11	11°14	20° 5	21°24	5° 7	6° 2	18°45	26°36	S 27
M28	22 58 17	12°45'14	4°R 7	8°28	9°17	22°35	2°51	3°17	11°16	20° 6	21°26	5° 4	5°59	18°52	26°33	M28
T 29	23 2 13	13°43'43	16° 8	9°39	10°29	23°12	2°47	3°24	11°18	20° 7	21°28	5° 0	5°56	18°58	26°30	T 29
W30	23 6 10	14°42'13	28° 3	10°47	11°41	23°49	2°43	3°30	11°21	20° 8	21°30	4°57	5°53	19° 5	26°27	W30
T 31	23 10 6	15°R40'46	9°R53	11°R54	12°R53	24°R26	2°R39	3°R37	11°R23	20°R 9	21°R33	4°R54	5°R50	19°R12	26°R25	T 31

Delta T = 05m41s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1475

geocentric

SEPTEMBER 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	23 14 3	16 ^h 39'20"	21 ^h 41'	12 ^h 58'	14 ^h 6'	25 ^h 3'	2°R36	3 ^h 43'	11 ^h 26'	20 ^h 10'	21 ^h 35'	4°R53	5 ^h 46'	19 ^h 18'	26°R22	F 1
S 2	23 17 59	17°37'57"	3 ^h 28'	14° 0'	15°18'	25°40'	2 ^h 32'	3°49'	11°28'	20°12'	21°37'	4°D52	5°43'	19°25'	26°19'	S 2
S 3	23 21 56	18°36'35"	15°17'	14°59'	16°30'	26°17'	2°29'	3°56'	11°31'	20°13'	21°39'	4 ^h 53'	5°40'	19°32'	26°16'	S 3
M 4	23 25 52	19°35'15"	27°11'	15°56'	17°43'	26°54'	2°26'	4° 2'	11°34'	20°14'	21°42'	4°53'	5°37'	19°38'	26°14'	M 4
T 5	23 29 49	20°33'57"	9 ^h 12'	16°50'	18°55'	27°30'	2°23'	4° 8'	11°36'	20°15'	21°44'	4°55'	5°34'	19°45'	26°11'	T 5
W 6	23 33 45	21°32'41"	21°25'	17°41'	20° 8'	28° 7'	2°20'	4°14'	11°39'	20°17'	21°46'	4°56'	5°31'	19°52'	26° 8'	W 6
T 7	23 37 42	22°31'27"	3 ^h 52'	18°28'	21°20'	28°44'	2°17'	4°20'	11°42'	20°18'	21°48'	4°57'	5°27'	19°58'	26° 6'	T 7
F 8	23 41 39	23°30'14"	16°38'	19°12'	22°33'	29°20'	2°15'	4°26'	11°44'	20°20'	21°51'	4°58'	5°24'	20° 5'	26° 3'	F 8
S 9	23 45 35	24°29'03"	29°47'	19°53'	23°46'	29°56'	2°13'	4°32'	11°47'	20°21'	21°53'	4°R58	5°21'	20°12'	26° 1'	S 9
S 10	23 49 32	25°27'54"	13 ^h 20'	20°29'	24°58'	0 ^h 33'	2°11'	4°38'	11°50'	20°22'	21°55'	4°57'	5°18'	20°18'	25°58'	S 10
M 11	23 53 28	26°26'46"	27°19'	21° 0'	26°11'	1° 9'	2° 9'	4°44'	11°53'	20°24'	21°57'	4°56'	5°15'	20°25'	25°56'	M 11
T 12	23 57 25	27°25'41"	11 ^h 44'	21°27'	27°24'	1°45'	2° 7'	4°50'	11°56'	20°25'	22° 0'	4°56'	5°12'	20°31'	25°54'	T 12
W 13	0 1 21	28°24'37"	26°32'	21°48'	28°37'	2°21'	2° 6'	4°55'	11°59'	20°27'	22° 2'	4°55'	5° 8'	20°38'	25°51'	W 13
T 14	0 5 18	29°23'35"	11 ^h 36'	22° 4'	29°50'	2°57'	2° 5'	5° 1'	12° 2'	20°28'	22° 4'	4°54'	5° 5'	20°45'	25°49'	T 14
F 15	0 9 14	0 ^h 22'34"	26°48'	22°13'	1 ^h 4'	3°33'	2° 4'	5° 6'	12° 5'	20°30'	22° 6'	4°54'	5° 2'	20°51'	25°47'	F 15
S 16	0 13 11	1°21'36"	11 ^h 59'	22°R16	2°17'	4° 9'	2° 3'	5°12'	12° 8'	20°32'	22° 9'	4°D54	4°59'	20°58'	25°44'	S 16
S 17	0 17 8	2°20'40"	26°58'	22°12'	3°30'	4°44'	2° 2'	5°17'	12°11'	20°33'	22°11'	4°54'	4°56'	21° 5'	25°42'	S 17
M 18	0 21 4	3°19'46"	11 ^h 40'	22° 0'	4°43'	5°20'	2° 2'	5°23'	12°14'	20°35'	22°13'	4°54'	4°52'	21°11'	25°40'	M 18
T 19	0 25 1	4°18'55"	25°57'	21°41'	5°57'	5°56'	2° 2'	5°28'	12°17'	20°37'	22°15'	4°54'	4°49'	21°18'	25°38'	T 19
W 20	0 28 57	5°18'06"	9 ^h 14'	21°14'	7°10'	6°31'	2°D 2	5°33'	12°20'	20°38'	22°17'	4°R54	4°46'	21°25'	25°36'	W 20
T 21	0 32 54	6°17'19"	23°10'	20°39'	8°24'	7° 6'	2° 2'	5°38'	12°23'	20°40'	22°20'	4°54'	4°43'	21°31'	25°34'	T 21
F 22	0 36 50	7°16'34"	6 ^h 8'	19°56'	9°38'	7°42'	2° 2'	5°43'	12°26'	20°42'	22°22'	4°D54	4°40'	21°38'	25°32'	F 22
S 23	0 40 47	8°15'52"	18°45'	19° 5'	10°51'	8°17'	2° 3'	5°48'	12°30'	20°44'	22°24'	4°54'	4°37'	21°45'	25°30'	S 23
S 24	0 44 43	9°15'12"	1 ^h 3'	18° 8'	12° 5'	8°52'	2° 4'	5°53'	12°33'	20°45'	22°26'	4°55'	4°33'	21°51'	25°28'	S 24
M 25	0 48 40	10°14'35"	13° 8'	17° 4'	13°19'	9°27'	2° 5'	5°58'	12°36'	20°47'	22°28'	4°55'	4°30'	21°58'	25°26'	M 25
T 26	0 52 37	11°14'00"	25° 3'	15°56'	14°33'	10° 2'	2° 6'	6° 2'	12°39'	20°49'	22°31'	4°56'	4°27'	22° 5'	25°24'	T 26
W 27	0 56 33	12°13'27"	6 ^h 53'	14°45'	15°47'	10°37'	2° 7'	6° 7'	12°43'	20°51'	22°33'	4°56'	4°24'	22°11'	25°22'	W 27
T 28	1 0 30	13°12'56"	18°40'	13°32'	17° 1'	11°12'	2° 9'	6°11'	12°46'	20°53'	22°35'	4°57'	4°21'	22°18'	25°21'	T 28
F 29	1 4 26	14°12'27"	0 ^h 27'	12°20'	18°15'	11°46'	2°11'	6°16'	12°49'	20°55'	22°37'	4°R58	4°17'	22°24'	25°19'	F 29
S 30	1 8 23	15°12'01"	12 ^h 18'	11 ^h 11'	19°19'	12°21'	2 ^h 13'	6°20'	12°53'	20°56'	22°39'	4 ^h 57'	4 ^h 14'	22°31'	25°17'	S 30

Delta T = 05m41s

Julian Calendar 1 Sept. 1475 == Greg. Calendar 10 Sept. 1475

OCTOBER 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 12 19	16 ^h 11'36"	24 ^h 15'	10°R 6'	20 ^h 43'	12°55'	2 ^h 15'	6°24'	12°56'	20°58'	22°41'	4°R57	4 ^h 11'	22°38'	25°R16	S 1
M 2	1 16 16	17°11'14"	6 ^h 18'	9 ^h 8'	21°57'	13°29'	2°17'	6°29'	13° 0'	21° 0'	22°43'	4 ^h 56'	4° 8'	22°44'	25°14'	M 2
T 3	1 20 12	18°10'53"	18°31'	8°19'	23°11'	14° 4'	2°20'	6°33'	13° 3'	21° 2'	22°45'	4°54'	4° 5'	22°51'	25°13'	T 3
W 4	1 24 9	19°10'34"	0 ^h 55'	7°39'	24°25'	14°38'	2°22'	6°37'	13° 7'	21° 4'	22°48'	4°52'	4° 2'	22°58'	25°11'	W 4
T 5	1 28 5	20°10'18"	13°31'	7°10'	25°40'	15°12'	2°25'	6°41'	13°10'	21° 6'	22°50'	4°50'	3°58'	23° 4'	25°10'	T 5
F 6	1 32 2	21°10'03"	26°23'	6°52'	26°54'	15°46'	2°28'	6°44'	13°14'	21° 8'	22°52'	4°48'	3°55'	23°11'	25° 9'	F 6
S 7	1 35 59	22° 9'50"	9 ^h 31'	6°D45	28° 8'	16°20'	2°32'	6°48'	13°17'	21°10'	22°54'	4°46'	3°52'	23°18'	25° 8'	S 7
S 8	1 39 55	23° 9'38"	22°59'	6°50'	29°23'	16°53'	2°35'	6°52'	13°21'	21°12'	22°56'	4°D46	3°49'	23°24'	25° 6'	S 8
M 9	1 43 52	24° 9'28"	6 ^h 47'	7° 5'	0 ^h 37'	17°27'	2°39'	6°55'	13°24'	21°14'	22°58'	4°46'	3°46'	23°31'	25° 5'	M 9
T 10	1 47 48	25° 9'20"	20°55'	7°31'	1°52'	18° 0'	2°43'	6°59'	13°28'	21°16'	23° 0'	4°48'	3°43'	23°38'	25° 4'	T 10
W 11	1 51 45	26° 9'14"	5 ^h 42'	8° 6'	3° 6'	18°34'	2°47'	7° 2'	13°31'	21°18'	23° 2'	4°49'	3°39'	23°44'	25° 3'	W 11
T 12	1 55 41	27° 9'09"	20° 8'	8°50'	4°21'	19° 7'	2°51'	7° 5'	13°35'	21°21'	23° 4'	4°50'	3°36'	23°51'	25° 2'	T 12
F 13	1 59 38	28° 9'06"	5 ^h 4'	9°41'	5°35'	19°40'	2°56'	7° 8'	13°39'	21°23'	23° 6'	4°R51	3°33'	23°58'	25° 1'	F 13
S 14	2 3 34	29° 9'04"	20° 3'	10°40'	6°50'	20°13'	3° 0'	7°11'	13°42'	21°25'	23° 7'	4°50'	3°30'	24° 4'	25° 1'	S 14
S 15	2 7 31	0 ^h 9'05"	4 ^h 58'	11°44'	8° 5'	20°46'	3° 5'	7°14'	13°46'	21°27'	23° 9'	4°48'	3°27'	24°11'	25° 0'	S 15
M 16	2 11 28	1° 9'07"	19°40'	12°54'	9°20'	21°18'	3°10'	7°17'	13°50'	21°29'	23°11'	4°45'	3°23'	24°17'	24°59'	M 16
T 17	2 15 24	2° 9'12"	4 ^h 3'	14° 9'	10°34'	21°51'	3°15'	7°20'	13°53'	21°31'	23°13'	4°41'	3°20'	24°24'	24°58'	T 17
W 18	2 19 21	3° 9'18"	18° 1'	15°28'	11°49'	22°23'	3°20'	7°22'	13°57'	21°33'	23°15'	4°37'	3°17'	24°31'	24°58'	W 18
T 19	2 23 17	4° 9'27"	1 ^h 32'	16°49'	13° 4'	22°56'	3°26'	7°25'	14° 1'	21°35'	23°17'	4°33'	3°14'	24°37'	24°57'	T 19
F 20	2 27 14	5° 9'38"	14°36'	18°14'	14°19'	23°28'	3°32'	7°27'	14° 4'	21°38'	23°19'	4°30'	3°11'	24°44'	24°57'	F 20
S 21	2 31 10	6° 9'51"	27°16'	19°41'	15°34'	24° 0'	3°37'	7°30'	14° 8'	21°40'	23°20'	4°28'	3° 8'	24°51'	24°56'	S 21
S 22	2 35 7	7°10'05"	9 ^h 36'	21°10'	16°49'	24°32'	3°43'	7°32'	14°12'	21°42'	23°22'	4°D27	3° 4'	24°57'	24°56'	S 22
M 23	2 39 3	8°10'22"	21°40'	22°41'	18° 4'	25° 4'	3°50'	7°34'	14°15'	21°44'	23°24'	4°28'	3° 1'	25° 4'	24°56'	M 23
T 24	2 43 0	9°10'41"	3 ^h 33'	24°13'	19°18'	25°36'	3°56'	7°36'	14°19'	21°46'	23°26'	4°30'	2°58'	25°11'	24°55'	T 24
W 25	2 46 57	10°11'02"	15°21'	25°46'	20°33'	26° 7'	4° 2'	7°38'	14°23'	21°49'	23°27'	4°32'	2°55'	25°17'	24°55'	W 25
T 26	2 50 53	11°11'25"	27° 8'	27°20'	21°49'	26°39'	4° 9'	7°40'	14°27'	21°51'	23°29'	4°33'	2°52'	25°24'	24°55'	T 26
F 27	2 54 50	12°11'49"	8 ^h 58'	28°54'	23° 4'	27°10'	4°16'	7°41'	14°30'	21°53'	23°31'	4°R33	2°48'	25°31'	24°D55	F 27
S 28	2 58 46	13°12'16"	20°54'	0 ^h 29'	24°19'	27°41'	4°23'	7°43'	14°34'	21°55'	23°32'	4°32'	2°45'	25°37'	24°55'	S 28
S 29	3 2 43	14°12'44"	3 ^h 0'	2° 4'	25°34'	28°12'	4°30'	7°44'	14°38'	21°58'	23°34'	4°28'	2°42'	25°44'	24°55'	S 29
M 30	3 6 39	15°13'14"	15°17'	3°40'	26°49'	28°43'	4°37'	7°46'	14°42'	22° 0'	23°35'	4°23'	2°39'	25°51'	24°55'	M 30
T 31	3 10 36	16°13'45"	27°14'	5 ^h 15'	28° 4'	29°13'	4 ^h 45'	7°47'	14°45'	22°12'	23°37'	4 ^h 16'	2 ^h 36'	25°57'	24°56'	T 31

Delta T = 05m41s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1475

geocentric

NOVEMBER 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	3 14 32	17 ¹⁴ 18	10 ²⁹ 29	6 ¹¹ 51	29 ¹⁹ 19	29 ¹⁹ 44	4 ⁵³ 53	7 ¹⁴ 48	14 ¹⁴ 49	22 ¹¹ 4	23 ¹¹ 39	4 ¹⁸ 8	2 ¹¹ 33	26 ¹¹ 4	24 ¹¹ 56	W 1
T 2	3 18 29	18 ¹⁴ 53	23 ²⁴ 24	8 ²⁷	0 ¹¹ 34	0 ¹¹ 14	5 ⁰ 0	7 ⁴⁹	14 ⁵³	22 ⁷	23 ⁴⁰	4 ¹¹ 0	2 ²⁹	26 ¹⁰	24 ⁵⁶	T 2
F 3	3 22 26	19 ¹⁵ 29	6 ³² 32	10 ³	1 ⁵⁰	0 ⁴⁴	5 ⁸	7 ⁵⁰	14 ⁵⁶	22 ⁹	23 ⁴²	3 ⁵³	2 ²⁶	26 ¹⁷	24 ⁵⁷	F 3
S 4	3 26 22	20 ¹⁶ 06	19 ⁵²	11 ³⁸	3 ⁵	1 ¹⁴	5 ¹⁶	7 ⁵¹	15 ⁰	22 ¹¹	23 ⁴³	3 ⁴⁷	2 ²³	26 ²⁴	24 ⁵⁷	S 4
S 5	3 30 19	21 ¹⁶ 45	3 ²⁴ 24	13 ¹⁴	4 ²⁰	1 ⁴⁴	5 ²⁴	7 ⁵¹	15 ⁴	22 ¹³	23 ⁴⁴	3 ⁴³	2 ²⁰	26 ³⁰	24 ⁵⁷	S 5
M 6	3 34 15	22 ¹⁷ 24	17 ⁹	14 ⁴⁹	5 ³⁵	2 ¹³	5 ³³	7 ⁵²	15 ⁸	22 ¹⁶	23 ⁴⁶	3 ⁴²	2 ¹⁷	26 ³⁷	24 ⁵⁸	M 6
T 7	3 38 12	23 ¹⁸ 05	1 ⁷ 7	16 ²⁵	6 ⁵¹	2 ⁴³	5 ⁴¹	7 ⁵²	15 ¹¹	22 ¹⁸	23 ⁴⁷	3 ⁴²	2 ¹⁴	26 ⁴⁴	24 ⁵⁹	T 7
W 8	3 42 8	24 ¹⁸ 47	15 ¹⁷	18 ⁰	8 ⁶	3 ¹²	5 ⁵⁰	7 ⁵³	15 ¹⁵	22 ²⁰	23 ⁴⁸	3 ⁴³	2 ¹⁰	26 ⁵⁰	24 ⁵⁹	W 8
T 9	3 46 5	25 ¹⁹ 30	29 ³⁸	19 ³⁵	9 ²¹	3 ⁴¹	5 ⁵⁹	7 ⁵³	15 ¹⁹	22 ²²	23 ⁵⁰	3 ⁴³	2 ⁷	26 ⁵⁷	25 ⁰	T 9
F 10	3 50 1	26 ²⁰ 13	14 ⁹ 8	21 ¹⁰	10 ³⁶	4 ¹⁰	6 ⁸	7 ⁵³	15 ²²	22 ²⁵	23 ⁵¹	3 ⁴³	2 ⁴	27 ⁴	25 ¹	F 10
S 11	3 53 58	27 ²⁰ 58	28 ⁴³	22 ⁴⁵	11 ⁵²	4 ³⁸	6 ¹⁷	7 ⁵³	15 ²⁶	22 ²⁷	23 ⁵²	3 ⁴¹	2 ¹	27 ¹⁰	25 ²	S 11
S 12	3 57 54	28 ²¹ 44	13 ⁸ 17	24 ²⁰	13 ⁷	5 ⁷	6 ²⁶	7 ⁵³	15 ³⁰	22 ²⁹	23 ⁵⁴	3 ³⁶	1 ⁵⁸	27 ¹⁷	25 ³	S 12
M 13	4 1 51	29 ²² 32	27 ⁴⁴	25 ⁵⁴	14 ²²	5 ³⁵	6 ³⁵	7 ⁵³	15 ³³	22 ³¹	23 ⁵⁵	3 ²⁸	1 ⁵⁴	27 ²⁴	25 ⁴	M 13
T 14	4 5 48	0 ²³ 20	11 ¹¹ 57	27 ²⁹	15 ³⁸	6 ³	6 ⁴⁵	7 ⁵²	15 ³⁷	22 ³⁴	23 ⁵⁶	3 ¹⁹	1 ⁵¹	27 ³⁰	25 ⁵	T 14
W 15	4 9 44	1 ²⁴ 10	25 ⁵²	29 ³	16 ⁵³	6 ³¹	6 ⁵⁴	7 ⁵²	15 ⁴¹	22 ³⁶	23 ⁵⁷	3 ⁹	1 ⁴⁸	27 ³⁷	25 ⁶	W 15
T 16	4 13 41	2 ²⁵ 01	9 ²³ 23	0 ³⁸ 38	18 ⁹	6 ⁵⁸	7 ⁴	7 ⁵¹	15 ⁴⁴	22 ³⁸	23 ⁵⁸	2 ⁵⁹	1 ⁴⁵	27 ⁴⁴	25 ⁷	T 16
F 17	4 17 37	3 ²⁵ 54	22 ³⁰	2 ¹²	19 ²⁴	7 ²⁶	7 ¹⁴	7 ⁵⁰	15 ⁴⁸	22 ⁴⁰	23 ⁵⁹	2 ⁵⁰	1 ⁴²	27 ⁵⁰	25 ⁸	F 17
S 18	4 21 34	4 ²⁶ 48	5 ¹³ 13	3 ⁴⁶	20 ³⁹	7 ⁵³	7 ²⁴	7 ⁵⁰	15 ⁵²	22 ⁴³	24 ⁰	2 ⁴⁴	1 ³⁹	27 ⁵⁷	25 ¹⁰	S 18
S 19	4 25 30	5 ²⁷ 43	17 ³⁵	5 ²¹	21 ⁵⁵	8 ²⁰	7 ³⁴	7 ⁴⁹	15 ⁵⁵	22 ⁴⁵	24 ¹	2 ⁴⁰	1 ³⁵	28 ³	25 ¹¹	S 19
M 20	4 29 27	6 ²⁸ 39	29 ⁴¹	6 ⁵⁵	23 ¹⁰	8 ⁴⁶	7 ⁴⁴	7 ⁴⁸	15 ⁵⁹	22 ⁴⁷	24 ²	2 ³⁸	1 ³²	28 ¹⁰	25 ¹²	M 20
T 21	4 33 24	7 ²⁹ 37	11 ¹¹ 35	8 ²⁹	24 ²⁶	9 ¹³	7 ⁵⁴	7 ⁴⁷	16 ²	22 ⁴⁹	24 ³	2 ³⁸	1 ²⁹	28 ¹⁷	25 ¹⁴	T 21
W 22	4 37 20	8 ³⁰ 35	23 ²³	10 ³	25 ⁴¹	9 ³⁹	8 ⁴	7 ⁴⁵	16 ⁶	22 ⁵¹	24 ⁴	2 ³⁸	1 ²⁶	28 ²³	25 ¹⁵	W 22
T 23	4 41 17	9 ³¹ 35	5 ¹¹ 10	11 ³⁸	26 ⁵⁷	10 ⁵	8 ¹⁵	7 ⁴⁴	16 ⁹	22 ⁵⁴	24 ⁵	2 ³⁸	1 ²³	28 ³⁰	25 ¹⁷	T 23
F 24	4 45 13	10 ³² 36	17 ²	13 ¹²	28 ¹²	10 ³¹	8 ²⁶	7 ⁴²	16 ¹³	22 ⁵⁶	24 ⁶	2 ³⁷	1 ²⁰	28 ³⁷	25 ¹⁹	F 24
S 25	4 49 10	11 ³³ 38	29 ⁴	14 ⁴⁶	29 ²⁷	10 ⁵⁶	8 ³⁶	7 ⁴¹	16 ¹⁶	22 ⁵⁸	24 ⁷	2 ³⁴	1 ¹⁶	28 ⁴³	25 ²⁰	S 25
S 26	4 53 6	12 ³⁴ 42	11 ¹¹ 18	16 ²¹	0 ⁴³ 43	11 ²¹	8 ⁴⁷	7 ³⁹	16 ²⁰	23 ⁰	24 ⁷	2 ²⁸	1 ¹³	28 ⁵⁰	25 ²²	S 26
M 27	4 57 3	13 ³⁵ 46	23 ⁴⁸	17 ⁵⁵	1 ⁵⁸	11 ⁴⁶	8 ⁵⁸	7 ³⁷	16 ²³	23 ²	24 ⁸	2 ¹⁹	1 ¹⁰	28 ⁵⁷	25 ²⁴	M 27
T 28	5 0 59	14 ³⁶ 51	6 ¹¹ 35	19 ³⁰	3 ¹⁴	12 ¹¹	9 ⁹	7 ³⁶	16 ²⁷	23 ⁴	24 ⁹	2 ⁸	1 ⁷	29 ³	25 ²⁶	T 28
W 29	5 4 56	15 ³⁷ 57	19 ³⁹	21 ⁵	4 ²⁹	12 ³⁵	9 ²⁰	7 ³⁴	16 ³⁰	23 ⁷	24 ¹⁰	1 ⁵⁵	1 ⁴	29 ¹⁰	25 ²⁸	W 29
T 30	5 8 53	16 ³⁹ 03	2 ⁵⁸ 58	22 ⁴⁰ 40	5 ⁴⁵	12 ¹¹ 59	9 ³²	7 ³¹	16 ³³	23 ¹¹ 9	24 ¹¹ 10	1 ⁴²	1 ⁰	29 ¹⁷	25 ³⁰	T 30

Delta T = 05m41s

Julian Calendar 1 Nov. 1475 == Greg. Calendar 10 Nov. 1475

DECEMBER 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	5 12 49	17 ⁴⁰ 10	16 ³¹ 31	24 ¹⁵ 15	7 ⁰ 0	13 ¹¹ 23	9 ⁴³	7 ¹¹ 29	16 ¹¹ 37	23 ¹¹ 11	24 ¹¹ 11	1 ¹⁸ 30	0 ¹¹ 57	29 ¹¹ 23	25 ³²	F 1
S 2	5 16 46	18 ⁴¹ 18	0 ¹³ 13	25 ⁵⁰	8 ¹⁶	13 ⁴⁶	9 ⁵⁴	7 ¹² 27	16 ⁴⁰	23 ¹³	24 ¹²	1 ¹¹ 20	0 ⁵⁴	29 ³⁰	25 ³⁴	S 2
S 3	5 20 42	19 ⁴² 26	14 ³	27 ²⁵	9 ³¹	14 ¹⁰	10 ⁶	7 ²⁵	16 ⁴³	23 ¹⁵	24 ¹²	1 ¹³	0 ⁵¹	29 ³⁶	25 ³⁶	S 3
M 4	5 24 39	20 ⁴³ 34	27 ⁵⁹	29 ⁰	10 ⁴⁷	14 ³²	10 ¹⁸	7 ²²	16 ⁴⁷	23 ¹⁷	24 ¹³	1 ⁹	0 ⁴⁸	29 ⁴³	25 ³⁸	M 4
T 5	5 28 35	21 ⁴⁴ 42	11 ⁵⁹	0 ³⁶ 36	12 ²	14 ⁵⁵	10 ²⁹	7 ¹⁹	16 ⁵⁰	23 ¹⁹	24 ¹³	1 ⁸	0 ⁴⁵	29 ⁵⁰	25 ⁴⁰	T 5
W 6	5 32 32	22 ⁴⁵ 51	26 ²	2 ¹¹	13 ¹⁸	15 ¹⁷	10 ⁴¹	7 ¹⁷	16 ⁵³	23 ²¹	24 ¹⁴	1 ⁷	0 ⁴¹	29 ⁵⁶	25 ⁴²	W 6
T 7	5 36 28	23 ⁴⁶ 59	10 ¹¹ 8	3 ⁴⁷	14 ³³	15 ³⁹	10 ⁵³	7 ¹⁴	16 ⁵⁶	23 ²³	24 ¹⁴	1 ⁷	0 ³⁸	0 ¹¹ 3	25 ⁴⁵	T 7
F 8	5 40 25	24 ⁴⁸ 08	24 ¹⁶	5 ²³	15 ⁴⁹	16 ⁰	11 ⁵	7 ¹¹	16 ⁵⁹	23 ²⁵	24 ¹⁴	1 ⁶	0 ³⁵	0 ¹⁰	25 ⁴⁷	F 8
S 9	5 44 22	25 ⁴⁹ 16	8 ²⁵ 25	6 ⁵⁸	17 ⁴	16 ²¹	11 ¹⁷	7 ⁸	17 ²	23 ²⁷	24 ¹⁵	1 ²	0 ³²	0 ¹⁶	25 ⁵⁰	S 9
S 10	5 48 18	26 ⁵⁰ 25	22 ³¹	8 ³⁴	18 ²⁰	16 ⁴²	11 ²⁹	7 ⁵	17 ⁶	23 ²⁹	24 ¹⁵	0 ⁵⁵	0 ²⁹	0 ²³	25 ⁵²	S 10
M11	5 52 15	27 ⁵¹ 34	6 ¹¹ 32	10 ⁹	19 ³⁵	17 ³	11 ⁴²	7 ²	17 ⁹	23 ³¹	24 ¹⁵	0 ⁴⁵	0 ²⁶	0 ³⁰	25 ⁵⁵	M11
T 12	5 56 11	28 ⁵² 43	20 ²³	11 ⁴⁵	20 ⁵¹	17 ²³	11 ⁵⁴	6 ⁵⁸	17 ¹²	23 ³³	24 ¹⁵	0 ³³	0 ²²	0 ³⁶	25 ⁵⁷	T 12
W13	6 0 8	29 ⁵³ 53	3 ²⁵ 25	13 ²⁰	22 ⁶	17 ⁴²	12 ⁶	6 ⁵⁵	17 ¹⁵	23 ³⁵	24 ¹⁶	0 ²⁰	0 ¹⁹	0 ⁴³	26 ⁰	W13
T 14	6 4 4	0 ⁵⁵ 02	17 ¹⁹	14 ⁵⁴	23 ²²	18 ²	12 ¹⁹	6 ⁵²	17 ¹⁸	23 ³⁷	24 ¹⁶	0 ⁷	0 ¹⁶	0 ⁵⁰	26 ²	T 14
F 15	6 8 1	1 ⁵⁶ 12	0 ¹¹ 18	16 ²⁹	24 ³⁷	18 ²¹	12 ³¹	6 ⁴⁸	17 ²¹	23 ³⁹	24 ¹⁶	29 ¹¹ 55	0 ¹³	0 ⁵⁶	26 ⁵	F 15
S 16	6 11 57	2 ⁵⁷ 22	12 ⁵⁸	18 ²	25 ⁵³	18 ³⁹	12 ⁴⁴	6 ⁴⁵	17 ²³	23 ⁴⁰	24 ¹⁶	29 ⁴⁵	0 ¹⁰	1 ³	26 ⁸	S 16
S 17	6 15 54	3 ⁵⁸ 32	25 ²⁰	19 ³⁵	27 ⁸	18 ⁵⁷	12 ⁵⁷	6 ⁴¹	17 ²⁶	23 ⁴²	24 ¹⁶	29 ³⁸	0 ⁶	1 ¹⁰	26 ¹¹	S 17
M18	6 19 51	4 ⁵⁹ 42	7 ¹¹ 26	21 ⁷	28 ²⁴	19 ¹⁵	13 ¹⁰	6 ³⁷	17 ²⁹	23 ⁴⁴	24 ¹⁶	29 ³⁴	0 ³	1 ¹⁶	26 ¹⁴	M18
T 19	6 23 47	6 ⁰ 52	19 ²⁰	22 ³⁷	29 ³⁹	19 ³²	13 ²²	6 ³³	17 ³²	23 ⁴⁶	24 ¹⁶	29 ³³	0 ⁰	1 ²³	26 ¹⁶	T 19
W 20	6 27 44	7 ² 03	1 ¹¹ 9	24 ⁶	0 ⁵⁵ 55	19 ⁴⁹	13 ³⁵	6 ²⁹	17 ³⁵	23 ⁴⁸	24 ¹⁶	29 ³³	29 ¹¹ 57	1 ²⁹	26 ¹⁹	W 20
T 21	6 31 40	8 ³ 13	12 ⁵⁶	25 ³³	2 ¹⁰	20 ⁵	13 ⁴⁸	6 ²⁶	17 ³⁷	23 ⁴⁹	24 ¹⁶	29 ³³	29 ⁵⁴	1 ³⁶	26 ²²	T 21
F 22	6 35 37	9 ⁴ 24	24 ⁴⁹	26 ⁵⁸	3 ²⁶	20 ²¹	14 ¹	6 ²¹	17 ⁴⁰	23 ⁵¹	24 ¹⁶	29 ³²	29 ⁵¹	1 ⁴³	26 ²⁵	F 22
S 23	6 39 33	10 ⁵ 35	6 ¹¹ 52	28 ¹⁹	4 ⁴¹	20 ³⁶	14 ¹⁵	6 ¹⁷	17 ⁴³	23 ⁵³	24 ¹⁶	29 ²⁹	29 ⁴⁷	1 ⁴⁹	26 ²⁸	S 23
S 24	6 43 30	11 ⁶ 46	19 ¹⁰	29 ³⁸	5 ⁵⁷	20 ⁵¹	14 ²⁸	6 ¹³	17 ⁴⁵	23 ⁵⁵	24 ¹⁶	29 ²³	29 ⁴⁴	1 ⁵⁶	26 ³¹	S 24
M25	6 47 26	12 ⁷ 57	1 ¹⁴ 47	0 ⁵³ 53	7 ¹²	21 ⁶	14 ⁴¹	6 ⁹	17 ⁴⁸	23 ⁵⁶	24 ¹⁶	29 ¹⁵	29 ⁴¹	2 ³	26 ³⁵	M25
T 26	6 51 23	13 ⁹ 08	14 ⁴⁵	2 ³	8 ²⁸	21 ¹⁹	14 ⁵⁴	6 ⁵	17 ⁵⁰	23 ⁵⁸	24 ¹⁵	29 ⁴	29 ³⁸	2 ⁹	26 ³⁸	T 26
W27	6 55 20	14 ¹⁰ 18	28 ⁶	3 ⁸	9 ⁴³	21 ³³	15 ⁸	6 ⁰	17 ⁵³	24 ⁰	24 ¹⁵	28 ⁵²	29 ³⁵	2 ¹⁶	26 ⁴¹	W27
T 28	6 59 16	15 ¹¹ 29	11 ³ 47	4 ⁷	10 ⁵⁹	21 ⁴⁶	15 ²¹	5 ⁵⁶	17 ⁵⁵	24 ¹	24 ¹⁵	28 ⁴⁰	29 ³²	2 ²³	26 ⁴⁴	T 28
F 29	7 3 13	16 ¹² 39	25 ⁴⁴	5 ⁰	12 ¹⁴	21 ⁵⁸	15 ³⁵	5 ⁵¹	17 ⁵⁸	24 ³	24 ¹⁴	28 ²⁸	29 ²⁸	2 ²⁹	26 ⁴⁷	F 29
S 30	7 7 9	17 ¹³ 48	9 ⁵⁵ 55	5 ⁴⁴	13 ²⁹	22 ¹⁰	15 ⁴⁸	5 ⁴⁷	18 ⁰	24 ⁴	24 ¹⁴	28 ¹⁸	29 ²⁵	2 ³⁶	26 ⁵¹	S 30
S 31	7 11 6	18 ¹⁴ 57	24 ¹¹ 2	6 ²⁰	14 ³ 45	22 ¹¹ 21	16 ²	5 ¹⁰ 42	18 ¹¹ 2	24 ¹¹ 6	24 ¹¹ 14	28 ¹¹ 11	29 ¹¹ 22	2 ¹¹ 43	26 ⁵⁵ 4	S 31