



Astrodienst Ephemeris Tables for the year 1474

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 1474

geocentric

JANUARY 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 16 58	19°36'14	22°11'47	20°35'11	11°17'06	18°08'18	23°14'45	5°08'11	9°15'15	19°15'53	19°08'33	9°08'14	7°15'58	11°25'25	18°15'15	S 1
S 2	7 20 54	20°47'19	4°37'00	22°32'12	12°18'17	17°05'22	23°58'50	6°09'17	9°17'19	19°54'19	19°03'32	9°13'03	7°55'11	11°32'18	18°19'18	S 2
M 3	7 24 51	21°48'24	16°29'24	24°13'25	13°31'14	17°36'17	24°11'24	5°02'49	9°19'21	19°55'19	19°32'08	8°51'07	7°52'11	11°38'18	18°23'18	M 3
T 4	7 28 47	22°49'27	28°23'25	25°55'14	14°44'17	17°18'24	24°24'45	4°57'09	9°21'19	19°57'19	19°31'08	8°37'07	7°49'11	11°45'18	18°27'18	T 4
W 5	7 32 44	23°50'30	10°02'20	27°37'15	15°56'17	17°01'24	24°37'45	4°53'09	9°22'19	19°58'19	19°30'08	8°22'07	7°46'11	11°52'18	18°31'18	W 5
T 6	7 36 40	24°51'33	22°23'29	29°20'17	17°09'16	16°42'24	24°50'48	4°48'09	9°24'19	19°59'19	19°30'08	8°09'07	7°43'11	11°59'18	18°35'18	T 6
F 7	7 40 37	25°52'34	4°03'31	18°22'18	16°23'25	16°23'25	25°03'44	4°44'09	9°25'19	20°00'19	19°29'07	7°57'07	7°39'12	12°05'18	18°39'18	F 7
S 8	7 44 34	26°53'35	16°48'24	19°35'16	16°03'25	15°15'25	25°15'43	4°39'09	9°27'19	20°01'19	19°28'07	7°49'07	7°36'12	12°12'18	18°43'18	S 8
S 9	7 48 30	27°54'36	29°16'43	20°48'15	15°43'25	15°43'25	25°28'43	4°35'09	9°28'19	20°02'19	19°27'07	7°43'07	7°33'12	12°19'18	18°47'18	S 9
M10	7 52 27	28°55'35	11°15'57	6°16'22	15°22'25	15°22'25	25°41'43	4°30'09	9°30'19	20°04'19	19°26'07	7°40'07	7°30'12	12°25'18	18°51'18	M10
T 11	7 56 23	29°56'34	24°56'08	8°00'23	13°14'15	15°01'25	25°53'42	4°26'09	9°31'19	20°05'19	19°25'07	7°39'07	7°27'12	12°32'18	18°55'18	T 11
W12	8 00 20	0°57'33	8°16'16	9°46'24	24°27'14	14°39'26	26°06'42	4°22'09	9°32'19	20°06'19	19°25'07	7°39'07	7°23'12	12°39'18	18°59'18	W12
T 13	8 04 16	1°58'31	22°01'11	11°31'25	25°40'14	14°17'26	26°18'48	4°18'09	9°33'19	20°07'19	19°24'07	7°38'07	7°20'12	12°46'19	19°03'18	T 13
F 14	8 08 13	2°59'28	6°11'13	13°16'26	26°53'13	13°54'26	26°31'48	4°14'09	9°35'19	20°08'19	19°23'07	7°36'07	7°17'12	12°52'19	19°07'18	F 14
S 15	8 12 09	4°00'24	20°46'15	15°01'28	28°06'13	13°32'26	26°43'48	4°10'09	9°36'19	20°09'19	19°22'07	7°32'07	7°14'12	12°59'19	19°12'18	S 15
S 16	8 16 06	5°12'05	5°43'16	16°45'29	19°13'13	13°08'26	26°55'40	4°06'09	9°37'19	20°10'19	19°21'07	7°24'07	7°11'12	13°06'19	19°16'18	S 16
M17	8 20 03	6°21'14	20°55'18	18°30'03	12°45'27	12°45'27	27°07'40	4°02'09	9°38'19	20°11'19	19°20'07	7°14'07	7°08'12	13°12'19	19°20'18	M17
T 18	8 23 59	7°30'08	6°10'20	20°13'14	1°46'12	12°21'27	27°19'35	3°58'09	9°39'19	20°12'19	19°18'07	7°02'07	7°04'12	13°19'19	19°24'18	T 18
W19	8 27 56	8°40'00	21°18'21	21°55'25	11°57'27	11°57'27	27°31'35	3°55'09	9°40'19	20°13'19	19°17'07	6°50'07	7°01'12	13°26'19	19°28'18	W19
T 20	8 31 52	9°45'01	6°19'23	23°36'41	11°33'27	11°33'27	27°43'35	3°51'09	9°41'19	20°14'19	19°16'07	6°39'07	6°58'12	13°33'19	19°33'18	T 20
F 21	8 35 49	10°54'00	25°15'52	11°09'27	11°09'27	11°09'27	27°55'37	3°47'09	9°41'19	20°14'19	19°15'07	6°31'07	6°55'12	13°39'19	19°37'18	F 21
S 22	8 39 45	11°6'28	4°03'30	26°52'06	6°39'10	10°45'28	28°07'34	3°44'09	9°42'19	20°14'19	19°14'07	6°25'07	6°52'12	13°46'19	19°41'18	S 22
S 23	8 43 42	12°7'15	17°56'28	7°52'10	10°21'28	10°21'28	28°19'34	3°41'09	9°43'19	20°15'19	19°13'07	6°23'07	6°48'12	13°53'19	19°45'18	S 23
M24	8 47 38	13°8'00	0°54'29	9°06'29	9°57'28	28°31'33	28°31'33	3°37'09	9°43'19	20°16'19	19°11'07	6°22'07	6°45'12	13°59'19	19°49'18	M24
T 25	8 51 35	14°8'43	13°28'11	10°19'9	9°34'28	28°42'34	28°42'34	3°34'09	9°44'19	20°16'19	19°10'07	6°22'07	6°42'12	14°06'19	19°54'18	T 25
W26	8 55 32	15°9'24	25°43'24	11°32'09	9°10'28	28°54'33	28°54'33	3°31'09	9°44'19	20°17'19	19°09'07	6°21'07	6°39'12	14°13'19	19°58'18	W26
T 27	8 59 28	16°10'04	7°11'45	4°03'12	12°46'08	8°46'29	29°05'32	3°28'09	9°45'19	20°17'19	19°08'07	6°19'07	6°36'12	14°20'19	20°02'18	T 27
F 28	9 03 25	17°10'43	19°38'05	13°59'08	8°23'29	16°23'29	29°16'32	3°25'09	9°45'19	20°18'19	19°06'07	6°15'07	6°33'12	14°26'19	20°06'18	F 28
S 29	9 07 21	18°11'19	1°28'28	6°19'15	15°13'08	8°00'29	29°28'32	3°22'09	9°46'19	20°18'19	19°05'07	6°08'07	6°29'12	14°33'19	20°11'18	S 29
S 30	9 11 18	19°11'54	13°18'07	7°16'16	16°26'07	7°38'29	29°39'32	3°20'09	9°46'19	20°19'19	19°04'07	5°58'07	6°26'12	14°40'19	20°15'18	S 30
M31	9 15 14	20°12'27	25°12'25	8°15'17	17°40'07	7°16'29	29°50'32	3°17'09	9°46'19	20°19'19	19°03'07	5°54'07	6°23'12	14°46'19	20°19'18	M31

Delta T = 05m44s

Julian Calendar 1 Jan. 1474 == Greg. Calendar 10 Jan. 1474

FEBRUARY 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	9 19 11	21°12'58	7°10'10	8°46'18	53°53'18	54°03'18	0°31'15	3°15'15	46°19'19	19°19'19	1°03'33	5°33'33	20°20'20	14°53'53	20°23'23	T 1
W 2	9 23 07	22°13'28	19°15'19	9°17'20	7°20'07	33°03'12	0°12'30	3°12'30	46°19'19	20°20'20	19°00'00	5°19'19	6°17'17	15°00'00	20°28'28	W 2
T 3	9 27 04	23°13'56	17°28'19	9°39'21	21°21'12	6°12'02	0°23'31	3°10'10	46°19'19	20°20'20	18°58'05	5°06'14	6°14'14	15°07'07	20°32'32	T 3
F 4	9 31 01	24°14'23	13°50'13	9°50'22	22°34'05	5°52'03	0°33'30	3°08'08	46°19'19	20°20'20	18°57'04	4°54'04	6°10'10	15°13'13	20°36'36	F 4
S 5	9 34 57	25°14'48	26°20'09	9°52'23	23°48'05	5°32'04	0°44'30	3°06'06	46°19'19	20°21'21	18°55'04	4°46'04	6°07'07	15°20'20	20°40'40	S 5
S 6	9 38 54	26°15'11	9°11'49	9°43'25	25°01'15	5°13'00	0°55'30	3°04'04	46°19'19	20°21'21	18°54'04	4°40'04	6°04'04	15°27'27	20°45'45	S 6
M 7	9 42 50	27°15'33	21°53'15	9°25'26	26°15'45	4°54'01	1°05'30	3°02'02	46°19'19	20°21'21	18°52'04	4°37'04	6°01'01	15°33'33	20°49'49	M 7
T 8	9 46 47	28°15'53	4°15'59	8°57'27	27°29'43	4°36'15	1°15'30	3°00'00	46°19'19	20°21'21	18°51'04	4°37'04	5°58'58	15°40'40	20°53'53	T 8
W 9	9 50 43	29°16'12	18°21'08	8°21'28	28°42'19	4°19'12	1°26'25	2°58'58	46°19'19	20°21'21	18°49'04	4°37'04	5°54'54	15°47'47	20°57'57	W 9
T 10	9 54 40	0°16'30	2°17'00	7°37'29	29°56'40	4°02'13	1°36'25	2°57'57	46°19'19	20°21'21	18°48'04	4°37'04	5°51'51	15°54'54	21°01'01	T 10
F 11	9 58 36	1°16'46	15°59'15	6°46'18	11°10'34	3°47'14	1°46'25	2°55'55	46°19'19	20°21'21	18°46'04	4°36'04	5°48'48	16°00'00	21°06'06	F 11
S 12	10 02 33	2°17'01	0°31'17	5°50'22	12°10'33	3°31'15	1°56'25	2°54'54	46°19'19	20°21'21	18°45'04	4°33'04	5°45'45	16°07'07	21°10'10	S 12
S 13	10 06 30	3°17'14	14°53'45	4°51'33	13°37'17	3°17'20	2°05'25	2°53'53	46°19'19	20°21'21	18°43'04	4°28'04	5°42'42	16°14'14	21°14'14	S 13
M14	10 10 26	4°17'26	29°41'30	3°49'45	13°51'30	3°03'21	2°15'25	2°52'52	46°19'19	20°21'21	18°42'04	4°20'04	5°39'39	16°20'20	21°18'18	M14
T 15	10 14 23	5°17'35	14°36'24	2°46'06	14°05'25	2°50'22	2°25'25	2°50'50	46°19'19	20°21'21	18°40'04	4°11'04	5°35'35	16°27'27	21°22'22	T 15
W16	10 18 19	6°17'43	29°27'14	1°45'07	17°18'23	2°38'23	2°34'25	2°50'50	46°19'19	20°21'21	18°39'04	4°01'04	5°32'32	16°34'34	21°27'27	W16
T 17	10 22 16	7°17'50	14°17'07	0°45'08	18°32'22	2°27'24	2°49'24	2°49'49	46°19'19	20°21'21	18°37'04	3°53'53	5°29'29	16°41'41	21°31'31	T 17
F 18	10 26 12	8°17'54	28°27'29	0°17'54	19°46'21	2°16'25	2°53'24	2°48'48	46°19'19	20°21'21	18°35'04	3°46'46	5°26'26	16°47'47	21°35'35	F 18
S 19	10 30 09	9°17'56	12°17'23	28°56'11	11°00'20	2°06'30	2°48'48	2°48'48	46°19'19	20°20'20	18°34'04	3°42'42	5°23'23	16°54'54	21°39'39	S 19
S 20	10 34 05	10°17'56	25°52'28	8°08'12	12°13'15	1°57'30	3°11'24	2°47'47	46°19'19	20°20'20	18°32'04	3°40'40	5°20'20	17°01'01	21°43'43	S 20
M21	10 38 02	11°17'54	8°54'27	13°27'13	13°27'13	1°49'30	3°20'24	2°47'47	46°19'19	20°20'20	18°31'04	3°39'39	5°16'16	17°07'07	21°47'47	M21
T 22	10 41 58	12°17'50	21°34'26	14°41'14	14°41'14	1°41'32	3°29'24	2°46'46	46°19'19	20°19'19	18°29'04	3°40'40	5°13'13	17°14'14	21°51'51	T 22
W23	10 45 55	13°17'44	3°11'54	15°55'26	15°55'26	1°35'33	3°37'24	2°46'46	46°19'19	20°19'19	18°27'04	3°41'41	5°10'10	17°21'21	21°55'55	W23
T 24	10 49 52	14°17'35	15°59'26	17°09'17	17°09'17	1°29'34	3°46'24	2°46'46	46°19'19	20°19'19	18°26'04	3°42'42	5°07'07	17°28'28	21°59'59	T 24
F 25	10 53 48	15°17'24	27°55'25	25°44'18	18°22'12	1°24'35	3°54'24	2°46'46	46°19'19	20°18'18	18°24'04	3°41'41	5°04'04	17°34'34	22°03'03	F 25
S 26	10 57 45	16°17'11	9°24'46	25°34'19	19°36'19	1°19'40	4°02'24	2°47'47	46°19'19	20°18'18	18°22'04	3°38'38	5°00'00	17°41'41	22°07'07	S 26
S 27	11 01 41	17°16'56	21°38'15	25°D31	20°50'50	1°16'40	4°10'24	2°47'47	46°19'19	20°17'17	18°21'04	3°33'33	4°57'57	17°48'48	22°11'11	S 27
M28	11 05 38	18°16'38	3°33'33	25°34'34	22°34'34	1°13'13	4°18'18	2°47'47	46°19'19	20°17'17	18°19'19	3°26'26	4°54'54	17°54'54	22°15'15	M28

ASTRODIENST EPHEMERIS for the year 1474

geocentric

MARCH 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 9 34	19°16'18	15°03'37	25°43'43	23°17'17	1°R11	4°26'26	2°48'48	9°R30	20°R16	18°R18	3°R18	4°M51	18°18'18	22°19'19	T 1
W 2	11 13 31	20°15'56	27°0'50	25°57'24	24°31'10	1°D10	4°34'34	2°49'49	9°M28	20°M16	18°M16	3°M10	4°48'48	18°8'8	22°23'23	W 2
T 3	11 17 27	21°15'32	10°14'14	26°16'26	25°45'10	1°D 9	4°41'41	2°49'49	9°27'27	20°15'15	18°14'14	3°2'2	4°45'45	18°15'15	22°26'26	T 3
F 4	11 21 24	22°15'05	22°50'50	26°41'41	26°59'59	1°10	4°49'49	2°50'50	9°26'26	20°14'14	18°13'13	2°55'55	4°41'41	18°21'21	22°30'30	F 4
S 5	11 25 21	23°14'37	5°43'39	27°10'10	28°13'13	1°11	4°56'56	2°51'51	9°24'24	20°14'14	18°11'11	2°51'51	4°38'38	18°28'28	22°34'34	S 5
S 6	11 29 17	24°14'07	18°40'40	27°44'44	29°26'26	1°12	5°3'3	2°52'52	9°23'23	20°13'13	18°9'9	2°48'48	4°35'35	18°35'35	22°38'38	S 6
M 7	11 33 14	25°13'34	1°M53	28°21'21	0°H40	1°15	5°10'10	2°54'54	9°21'21	20°12'12	18°8'8	2°D47	4°32'32	18°41'41	22°42'42	M 7
T 8	11 37 10	26°13'00	15°18'18	29°3'3	1°54'54	1°18	5°17'17	2°55'55	9°20'20	20°11'11	18°6'6	2°47'47	4°29'29	18°48'48	22°45'45	T 8
W 9	11 41 7	27°12'24	28°54'54	29°48'48	3°8'8	1°21	5°24'24	2°56'56	9°18'18	20°11'11	18°5'5	2°49'49	4°25'25	18°55'55	22°49'49	W 9
T 10	11 45 3	28°11'46	12°42'42	0°H37	4°21'21	1°26	5°30'30	2°58'58	9°16'16	20°10'10	18°3'3	2°50'50	4°22'22	19°2'2	22°53'53	T 10
F 11	11 49 0	29°11'07	26°41'41	1°29'29	5°35'35	1°31	5°37'37	3°0'0	9°15'15	20°9'9	18°1'1	2°R51	4°19'19	19°8'8	22°56'56	F 11
S 12	11 52 56	0°Y10'26	10°35'51	2°24'24	6°49'49	1°37	5°43'43	3°1'1	9°13'13	20°8'8	18°0'0	2°51'51	4°16'16	19°15'15	23°0'0	S 12
S 13	11 56 53	1°9'43	25°10'10	3°23'23	8°3'3	1°43	5°49'49	3°3'3	9°11'11	20°7'7	17°58'58	2°49'49	4°13'13	19°22'22	23°3'3	S 13
M14	12 0 50	2°8'58	9°35'35	4°23'23	9°17'17	1°50	5°55'55	3°5'5	9°9'9	20°6'6	17°57'57	2°46'46	4°10'10	19°28'28	23°7'7	M14
T 15	12 4 46	3°8'11	24°2'2	5°27'27	10°31'31	1°58	6°1'1	3°7'7	9°7'7	20°5'5	17°55'55	2°41'41	4°6'6	19°35'35	23°10'10	T 15
W16	12 8 43	4°7'23	8°H25	6°33'33	11°44'44	2°6'6	6°6'6	3°9'9	9°6'6	20°4'4	17°54'54	2°37'37	4°3'3	19°42'42	23°14'14	W16
T 17	12 12 39	5°6'32	22°39'39	7°41'41	12°58'58	2°15	6°12'12	3°12'12	9°4'4	20°3'3	17°52'52	2°33'33	4°0'0	19°49'49	23°17'17	T 17
F 18	12 16 36	6°5'39	6°Y39	8°52'52	14°12'12	2°24	6°17'17	3°14'14	9°2'2	20°2'2	17°50'50	2°30'30	3°57'57	19°55'55	23°21'21	F 18
S 19	12 20 32	7°4'45	20°21'21	10°5'5	15°26'26	2°34	6°22'22	3°17'17	9°0'0	20°1'1	17°49'49	2°28'28	3°54'54	20°2'2	23°24'24	S 19
S 20	12 24 29	8°3'48	3°B42	11°20'20	16°40'40	2°45	6°27'27	3°19'19	8°58'58	20°0'0	17°47'47	2°D28	3°51'51	20°9'9	23°27'27	S 20
M21	12 28 25	9°2'49	16°42'42	12°37'37	17°53'53	2°56	6°32'32	3°22'22	8°56'56	19°59'59	17°46'46	2°28'28	3°47'47	20°15'15	23°31'31	M21
T 22	12 32 22	10°1'48	29°21'21	13°56'56	19°7'7	3°8	6°37'37	3°25'25	8°54'54	19°58'58	17°44'44	2°30'30	3°44'44	20°22'22	23°34'34	T 22
W23	12 36 18	11°0'45	11°H42	15°16'16	20°21'21	3°20	6°41'41	3°28'28	8°51'51	19°57'57	17°43'43	2°31'31	3°41'41	20°29'29	23°37'37	W23
T 24	12 40 15	11°59'39	23°51'51	16°39'39	21°35'35	3°33	6°45'45	3°31'31	8°49'49	19°56'56	17°42'42	2°33'33	3°38'38	20°36'36	23°40'40	T 24
F 25	12 44 12	12°58'31	5°B50	18°3'3	22°48'48	3°46	6°49'49	3°34'34	8°47'47	19°54'54	17°40'40	2°34'34	3°35'35	20°42'42	23°43'43	F 25
S 26	12 48 8	13°57'21	17°43'43	19°30'30	24°2'2	4°0	6°53'53	3°37'37	8°45'45	19°53'53	17°39'39	2°R34	3°31'31	20°49'49	23°46'46	S 26
S 27	12 52 5	14°56'09	29°36'36	20°58'58	25°16'16	4°14	6°57'57	3°40'40	8°43'43	19°52'52	17°37'37	2°33'33	3°28'28	20°56'56	23°49'49	S 27
M28	12 56 1	15°54'54	11°B34	22°27'27	26°30'30	4°29	7°1'1	3°44'44	8°40'40	19°51'51	17°36'36	2°32'32	3°25'25	21°3'3	23°52'52	M28
T 29	12 59 58	16°53'37	23°40'40	23°59'59	27°43'43	4°44	7°4'4	3°47'47	8°38'38	19°49'49	17°34'34	2°30'30	3°22'22	21°9'9	23°55'55	T 29
W30	13 3 54	17°52'17	5°M58	25°32'32	28°57'57	5°0	7°7'7	3°51'51	8°36'36	19°48'48	17°33'33	2°28'28	3°19'19	21°16'16	23°58'58	W30
T 31	13 7 51	18°50'56	18°M30	27°H6	0°Y11	5°B16	7°B10	3°B54	8°M34	19°M47	17°M32	2°M25	3°M16	21°B23	24°1'1	T 31

Delta T = 05m44s

Julian Calendar 1 March 1474 == Greg. Calendar 10 March 1474

APRIL 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	13 11 47	19°Y49'32	1°A19	28°H43	1°Y25	5°B33	7°B13	3°B58	8°R31	19°R45	17°R30	2°R24	3°M12	21°B29	24°1'1	F 1
S 2	13 15 44	20°48'07	14°25	0°Y21	2°38	5°50	7°16	4°2	8°M29	19°M44	17°M29	2°M23	3°9	21°36	24°6	S 2
S 3	13 19 41	21°46'39	27°48	2°0	3°52	6°7	7°18	4°6	8°27	19°43	17°28	2°D22	3°6	21°43	24°9	S 3
M 4	13 23 37	22°45'09	11°M26	3°42	5°6	6°25	7°21	4°10	8°24	19°41	17°27	2°22	3°3	21°50	24°12	M 4
T 5	13 27 34	23°43'38	25°17	5°25	6°19	6°43	7°23	4°14	8°22	19°40	17°25	2°23	3°0	21°56	24°14	T 5
W 6	13 31 30	24°42'05	9°A19	7°9	7°33	7°2	7°25	4°18	8°19	19°38	17°24	2°23	2°57	22°3	24°17	W 6
T 7	13 35 27	25°40'31	23°27	8°56	8°47	7°21	7°27	4°23	8°17	19°37	17°23	2°24	2°53	22°10	24°20	T 7
F 8	13 39 23	26°38'54	7°B40	10°44	10°1	7°40	7°28	4°27	8°14	19°36	17°22	2°25	2°50	22°16	24°22	F 8
S 9	13 43 20	27°37'17	21°55	12°34	11°14	8°0	7°30	4°32	8°12	19°34	17°21	2°R25	2°47	22°23	24°24	S 9
S 10	13 47 16	28°35'37	6°A8	14°25	12°28	8°20	7°31	4°36	8°9	19°33	17°19	2°25	2°44	22°30	24°27	S 10
M11	13 51 13	29°33'56	20°18	16°18	13°42	8°41	7°32	4°41	8°7	19°31	17°18	2°25	2°41	22°37	24°29	M11
T 12	13 55 10	0°B32'14	4°H22	18°13	14°55	9°1	7°33	4°46	8°4	19°30	17°17	2°24	2°37	22°43	24°31	T 12
W13	13 59 6	1°30'29	18°18	20°9	16°9	9°22	7°33	4°50	8°2	19°28	17°16	2°24	2°34	22°50	24°34	W13
T 14	14 3 3	2°28'44	2°Y3	22°8	17°23	9°44	7°34	4°55	7°59	19°27	17°15	2°D24	2°31	22°57	24°36	T 14
F 15	14 6 59	3°26'56	15°36	24°7	18°37	10°6	7°34	5°0	7°57	19°25	17°14	2°24	2°28	23°3	24°38	F 15
S 16	14 10 56	4°25'07	28°54	26°9	19°50	10°28	7°R34	5°5	7°54	19°23	17°13	2°R24	2°25	23°10	24°40	S 16
S 17	14 14 52	5°23'17	11°B58	28°12	21°4	10°50	7°34	5°10	7°52	19°22	17°12	2°24	2°22	23°17	24°42	S 17
M18	14 18 49	6°21'24	24°46	0°B16	22°18	11°13	7°34	5°16	7°49	19°20	17°11	2°24	2°18	23°24	24°44	M18
T 19	14 22 45	7°19'30	7°H18	2°22	23°31	11°36	7°33	5°21	7°47	19°19	17°10	2°24	2°15	23°30	24°46	T 19
W20	14 26 42	8°17'34	19°37	4°29	24°45	12°0	7°33	5°26	7°44	19°17	17°9	2°23	2°12	23°37	24°48	W20
T 21	14 30 39	9°15'37	1°B44	6°37	25°59	12°23	7°32	5°32	7°42	19°16	17°8	2°22	2°9	23°44	24°49	T 21
F 22	14 34 35	10°13'37	13°43	8°46	27°12	12°47	7°31	5°37	7°39	19°14	17°8	2°21	2°6	23°51	24°51	F 22
S 23	14 38 32	11°11'36	25°37	10°56	28°26	13°11	7°29	5°43	7°37	19°12	17°7	2°21	2°2	23°57	24°53	S 23
S 24	14 42 28	12°9'32	7°B30	13°6	29°40	13°36	7°28	5°48	7°34	19°11	17°6	2°D20	1°59	24°4	24°54	S 24
M25	14 46 25	13°7'27	19°27	15°17	0°B53	14°0	7°26	5°54	7°32	19°9	17°5	2°20	1°56	24°11	24°56	M25
T 26	14 50 21	14°5'20	1°M33	17°28	2°7	14°25	7°25	6°0	7°29	19°8	17°5	2°21	1°53	24°17	24°58	T 26
W27	14 54 18	15°3'11	13°51	19°38	3°20	14°51	7°23	6°6	7°27	19°6	17°4	2°22	1°50	24°24	24°59	W27
T 28	14 58 14	16°1'00	9°A27	21°48	4°34	15°16	7°20	6°12	7°24	19°4	17°3	2°23	1°47	24°31	25°0	T 28
F 29	15 2 11	16°58'48	9°A22	23°57	5°48	15°42	7°18	6°18	7°22	19°3	17°3	2°24	1°43	24°38	25°2	F 29
S 30	15 6 7	17°8'56'34	22°A40	26°B5	7°B1	16°B8	7°B16	6°B24	7°M19	19°M1	17°M2	2°M25	1°M40	24°B44	25°B39	S 30

ASTRODIENST EPHEMERIS for the year 1474

geocentric

MAY 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 10 4	18°54'19	6♈19	28°12	8♈15	16♈34	7°R13	6♈30	7°R17	18°R59	17°R 1	2°R25	1♈37	24°51	25°4	S 1
M 2	15 14 1	19°52'02	20°19	0♈17	9°29	17° 1	7♈10	6°36	7♈14	18°M58	17°M 1	2°M24	1°34	24°58	25° 5	M 2
T 3	15 17 57	20°49'44	4♈37	2°20	10°42	17°27	7° 7	6°42	7°12	18°56	17° 0	2°23	1°31	25° 4	25° 6	T 3
W 4	15 21 54	21°47'24	19° 6	4°21	11°56	17°54	7° 4	6°48	7° 9	18°55	17° 0	2°20	1°28	25°11	25° 7	W 4
T 5	15 25 50	22°45'03	3♈42	6°20	13° 9	18°21	7° 0	6°55	7° 7	18°53	16°59	2°18	1°24	25°18	25° 8	T 5
F 6	15 29 47	23°42'42	18°18	8°17	14°23	18°48	6°57	7° 1	7° 5	18°51	16°59	2°15	1°21	25°25	25° 9	F 6
S 7	15 33 43	24°40'19	2♈47	10°11	15°37	19°16	6°53	7° 7	7° 2	18°50	16°58	2°13	1°18	25°31	25°10	S 7
S 8	15 37 40	25°37'55	17° 7	12° 2	16°50	19°44	6°49	7°14	7° 0	18°48	16°58	2°12	1°15	25°38	25°11	S 8
M 9	15 41 37	26°35'30	1♈13	13°51	18° 4	20°12	6°45	7°20	6°58	18°46	16°58	2°D12	1°12	25°45	25°12	M 9
T 10	15 45 33	27°33'05	15° 5	15°37	19°18	20°40	6°41	7°27	6°55	18°45	16°57	2°13	1° 8	25°52	25°12	T 10
W11	15 49 30	28°30'38	28°41	17°20	20°31	21° 8	6°36	7°34	6°53	18°43	16°57	2°14	1° 5	25°58	25°13	W11
T 12	15 53 26	29°28'10	12°V 3	19° 0	21°45	21°37	6°32	7°40	6°51	18°42	16°57	2°16	1° 2	26° 5	25°14	T 12
F 13	15 57 23	0♈25'42	25°12	20°37	22°58	22° 5	6°27	7°47	6°48	18°40	16°57	2°17	0°59	26°12	25°14	F 13
S 14	16 1 19	1°23'13	8♈ 7	22°11	24°12	22°34	6°22	7°54	6°46	18°39	16°57	2°R17	0°56	26°18	25°15	S 14
S 15	16 5 16	2°20'43	20°50	23°42	25°26	23° 3	6°17	8° 1	6°44	18°37	16°56	2°15	0°53	26°25	25°15	S 15
M16	16 9 12	3°18'12	3♈22	25°10	26°39	23°32	6°12	8° 8	6°42	18°35	16°56	2°12	0°49	26°32	25°15	M16
T 17	16 13 9	4°15'39	15°42	26°35	27°53	24° 2	6° 6	8°14	6°40	18°34	16°56	2° 8	0°46	26°39	25°16	T 17
W18	16 17 5	5°13'06	27°53	27°57	29° 7	24°31	6° 1	8°21	6°38	18°32	16°56	2° 3	0°43	26°45	25°16	W18
T 19	16 21 2	6°10'32	9♈56	29°16	0♈20	25° 1	5°55	8°28	6°35	18°31	16°D56	1°57	0°40	26°52	25°16	T 19
F 20	16 24 59	7° 7'57	21°52	0♈32	1°34	25°31	5°50	8°36	6°33	18°29	16°56	1°51	0°37	26°59	25°16	F 20
S 21	16 28 55	8° 5'20	3♈45	1°44	2°47	26° 1	5°44	8°43	6°31	18°28	16°56	1°46	0°34	27° 6	25°R16	S 21
S 22	16 32 52	9° 2'43	15°37	2°53	4° 1	26°32	5°38	8°50	6°29	18°26	16°56	1°42	0°30	27°12	25°16	S 22
M23	16 36 48	10° 0'04	27°33	3°58	5°15	27° 2	5°32	8°57	6°27	18°25	16°56	1°39	0°27	27°19	25°16	M23
T 24	16 40 45	10°57'25	9♈36	5° 1	6°28	27°33	5°25	9° 4	6°25	18°23	16°56	1°D38	0°24	27°26	25°16	T 24
W25	16 44 41	11°54'44	21°52	5°59	7°42	28° 3	5°19	9°11	6°23	18°22	16°57	1°39	0°21	27°32	25°15	W25
T 26	16 48 38	12°52'02	4♈26	6°54	8°56	28°34	5°12	9°19	6°22	18°20	16°57	1°40	0°18	27°39	25°15	T 26
F 27	16 52 34	13°49'20	17°21	7°46	10° 9	29° 5	5° 6	9°26	6°20	18°19	16°57	1°41	0°14	27°46	25°15	F 27
S 28	16 56 31	14°46'36	0♈41	8°33	11°23	29°36	4°59	9°33	6°18	18°17	16°57	1°R42	0°11	27°53	25°14	S 28
S 29	17 0 28	15°43'52	14°27	9°17	12°37	0♈ 8	4°52	9°41	6°16	18°16	16°58	1°41	0° 8	27°59	25°14	S 29
M30	17 4 24	16°41'07	28°40	9°57	13°50	0°39	4°45	9°48	6°14	18°15	16°58	1°39	0° 5	28° 6	25°13	M30
T 31	17 8 21	17°13'82	13♈16	10°53	15°11	1°11	4°39	9°55	6°13	18°13	16°M58	1°M34	0°M 2	28°51	25°13	T 31

Delta T = 05m44s

Julian Calendar 1 May 1474 == Greg. Calendar 10 May 1474

JUNE 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	17 12 17	18°13'35	28♈ 8	11°58	16°11	17°43	4°R31	10°53	6°R11	18°R12	16°M59	1°R28	29°59	28°51	25°R12	W 1
T 2	17 16 14	19°32'48	13♈ 9	11°31	17°31	2°14	4♈24	10°10	6°M10	18°M11	16°59	1°M21	29°55	28°26	25°R11	T 2
F 3	17 20 10	20°30'01	28° 9	11°54	18°45	2°46	4°17	10°18	6° 8	18° 9	17° 0	1°14	29°52	28°33	25°11	F 3
S 4	17 24 7	21°27'13	12♈59	12°13	19°59	3°19	4°10	10°25	6° 6	18° 8	17° 0	1° 8	29°49	28°40	25°10	S 4
S 5	17 28 4	22°24'26	27°33	12°27	21°12	3°51	4° 3	10°33	6° 5	18° 7	17° 1	1° 4	29°46	28°46	25° 9	S 5
M 6	17 32 0	23°21'38	11♈45	12°36	22°26	4°23	3°55	10°40	6° 3	18° 5	17° 1	1° 1	29°43	28°53	25° 8	M 6
T 7	17 35 57	24°18'50	25°36	12°41	23°40	4°56	3°48	10°48	6° 2	18° 4	17° 2	1°D 1	29°40	29° 0	25° 7	T 7
W 8	17 39 53	25°16'02	9°V 4	12°R41	24°53	5°29	3°40	10°56	6° 1	18° 3	17° 2	1° 1	29°36	29° 7	25° 6	W 8
T 9	17 43 50	26°13'14	22°13	12°37	26° 7	6° 1	3°33	11° 3	5°59	18° 2	17° 3	1° 2	29°33	29°13	25° 5	T 9
F 10	17 47 46	27°10'26	5♈ 5	12°28	27°21	6°34	3°25	11°11	5°58	18° 1	17° 4	1°R 3	29°30	29°20	25° 4	F 10
S 11	17 51 43	28° 7'38	17°42	12°15	28°34	7° 7	3°17	11°19	5°57	17°59	17° 4	1° 1	29°27	29°27	25° 2	S 11
S 12	17 55 39	29° 4'50	0♈ 8	11°58	29°48	7°40	3°10	11°26	5°56	17°58	17° 5	0°57	29°24	29°33	25° 1	S 12
M13	17 59 36	0♈ 2'03	12°25	11°37	1♈ 2	8°14	3° 2	11°34	5°55	17°57	17° 6	0°51	29°20	29°40	25° 0	M13
T 14	18 3 33	0°59'15	24°34	11°12	2°16	8°47	2°54	11°42	5°53	17°56	17° 7	0°43	29°17	29°47	24°58	T 14
W15	18 7 29	1°56'27	6♈36	10°44	3°29	9°21	2°47	11°50	5°52	17°55	17° 8	0°32	29°14	29°54	24°57	W15
T 16	18 11 26	2°53'39	18°33	10°13	4°43	9°54	2°39	11°57	5°51	17°54	17° 8	0°21	29°11	0°Ω 0	24°56	T 16
F 17	18 15 22	3°50'50	0♈26	9°39	5°57	10°28	2°31	12° 5	5°50	17°53	17° 9	0° 9	29° 8	0° 7	24°54	F 17
S 18	18 19 19	4°48'02	12°17	9° 4	7°11	11° 2	2°24	12°13	5°49	17°52	17°10	29°59	29° 5	0°14	24°52	S 18
S 19	18 23 15	5°45'14	24° 9	8°27	8°24	11°36	2°16	12°21	5°49	17°51	17°11	29°50	29° 1	0°21	24°51	S 19
M20	18 27 12	6°42'25	6♈ 4	7°50	9°38	12°10	2° 8	12°28	5°48	17°50	17°12	29°43	28°58	0°27	24°49	M20
T 21	18 31 8	7°39'36	18° 6	7°13	10°52	12°44	2° 1	12°36	5°47	17°49	17°13	29°39	28°55	0°34	24°47	T 21
W22	18 35 5	8°36'47	0♈20	6°36	12° 6	13°19	1°53	12°44	5°46	17°48	17°14	29°37	28°52	0°41	24°46	W22
T 23	18 39 2	9°33'58	12°50	6° 0	13°20	13°53	1°45	12°52	5°46	17°47	17°15	29°D37	28°49	0°47	24°44	T 23
F 24	18 42 58	10°31'09	25°40	5°26	14°33	14°28	1°38	13° 0	5°45	17°47	17°16	29°R37	28°45	0°54	24°42	F 24
S 25	18 46 55	11°28'20	8♈56	4°55	15°47	15° 2	1°30	13° 7	5°44	17°46	17°17	29°37	28°42	1° 1	24°40	S 25
S 26	18 50 51	12°25'31	22°41	4°26	17° 1	15°37	1°23	13°15	5°44	17°45	17°19	29°35	28°39	1° 8	24°38	S 26
M27	18 54 48	13°22'42	6♈54	4° 1	18°15	16°12	1°16	13°23	5°43	17°44	17°20	29°31	28°36	1°14	24°36	M27
T 28	18 58 44	14°19'53	21°35	3°40	19°29	16°47	1° 8	13°31	5°43	17°44	17°21	29°25	28°33	1°21	24°34	T 28
W29	19 2 41	15°17'05	6♈38	3°24	20°42	17°22	1° 1	13°39	5°43	17°43	17°22	29°16	28°30	1°28	24°32	W29
T 30	19 6 37	16°14'16	21♈53	3°12	21°56	17°M57	0°54	13°46	5°M42	17°M42	17°M23	29°6	28°26	1°Ω35	24°30	T 30

Delta T = 05m44s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1474

geocentric

JULY 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	19 10 34	17°11'29"	7°10'	3°R 6	23°10'	18°32'	0°R47	13°54'	5°R42	17°R42	17°25'	28°R55	28°23'	1°14'	24°R27	F 1
S 2	19 14 31	18° 8'41"	22°18'	3°D 4	24°24'	19° 8	0°340	14° 2	5°M42	17°M41	17°26'	28°D46	28°20'	1°48	24°25'	S 2
S 3	19 18 27	19° 5'54"	7°11'	3°E 8	25°38'	19°43'	0°33	14°10'	5°42	17°40	17°27'	28°39	28°17'	1°55	24°23'	S 3
M 4	19 22 24	20° 3'08"	21°31'	3°18	26°52'	20°19'	0°26	14°18'	5°42	17°40	17°29'	28°35	28°14'	2° 1	24°20'	M 4
T 5	19 26 20	21° 0'23"	5°V28	3°33	28° 5	20°54'	0°19	14°25'	5°42	17°39	17°30'	28°32	28°11'	2° 8	24°18'	T 5
W 6	19 30 17	21°57'39"	18°58'	3°55	29°19'	21°30'	0°12	14°33'	5°D42	17°39	17°32'	28°32	28° 7	2°15	24°16'	W 6
T 7	19 34 13	22°54'56"	2°3	4°22	0°L33	22° 6	0° 6	14°41'	5°42	17°38	17°33'	28°32	28° 4	2°22	24°13'	T 7
F 8	19 38 10	23°52'13"	14°48	4°54	1°47	22°42	29°59	14°49	5°42	17°38	17°35'	28°31	28° 1	2°28	24°11'	F 8
S 9	19 42 6	24°49'32"	27°16	5°33	3° 1	23°18'	29°53	14°57	5°42	17°37	17°36'	28°29	27°58	2°35	24° 8	S 9
S 10	19 46 3	25°46'51"	9°II32	6°17	4°15	23°54'	29°46	15° 4	5°42	17°37	17°38'	28°24	27°55	2°42	24° 6	S 10
M 11	19 50 0	26°44'12"	21°38'	7° 7	5°29	24°30'	29°40	15°12	5°42	17°37	17°39'	28°16	27°51	2°48	24° 3	M 11
T 12	19 53 56	27°41'33"	3°E38	8° 3	6°43	25° 7	29°34	15°20	5°43	17°36	17°41'	28° 6	27°48	2°55	24° 1	T 12
W 13	19 57 53	28°38'55"	15°33	9° 4	7°57	25°43'	29°28	15°27	5°43	17°36	17°42'	27°53	27°45	3° 2	23°58	W 13
T 14	20 1 49	29°36'19"	27°26	10°11	9°11	26°20'	29°23	15°35	5°43	17°36	17°44'	27°39	27°42	3° 9	23°55	T 14
F 15	20 5 46	0°L33'42"	9°L18	11°23	10°25	26°56'	29°17	15°43	5°44	17°36	17°45'	27°25	27°39	3°15	23°53	F 15
S 16	20 9 42	1°31'07"	21°10'	12°40	11°38	27°33'	29°12	15°50	5°44	17°35	17°47'	27°12	27°36	3°22	23°50	S 16
S 17	20 13 39	2°28'33"	3°II4	14° 2	12°52	28°10'	29° 6	15°58	5°45	17°35	17°49'	27° 1	27°32	3°29	23°47	S 17
M 18	20 17 35	3°25'59"	15° 2	15°29	14° 6	28°47'	29° 1	16° 6	5°46	17°35	17°50'	26°53	27°29	3°36	23°44	M 18
T 19	20 21 32	4°23'26"	27° 7	17° 1	15°20	29°23	28°56	16°13	5°46	17°35	17°52'	26°47	27°26	3°42	23°42	T 19
W 20	20 25 29	5°20'54"	9°D22	18°37	16°34	0°L 1	28°51	16°21	5°47	17°35	17°54'	26°45	27°23	3°49	23°39	W 20
T 21	20 29 25	6°18'23"	21°52	20°17	17°48	0°38	28°46	16°28	5°48	17°D35	17°56'	26°D44	27°20	3°56	23°36	T 21
F 22	20 33 22	7°15'53"	4°M40	22° 1	19° 2	1°15	28°42	16°36	5°48	17°35	17°57'	26°R44	27°17	4° 2	23°33	F 22
S 23	20 37 18	8°13'23"	17°50	23°48	20°16	1°52	28°37	16°43	5°49	17°35	17°59'	26°43	27°13	4° 9	23°30	S 23
S 24	20 41 15	9°10'54"	1°M28	25°38	21°30	2°30	28°33	16°51	5°50	17°35	18° 1	26°42	27°10	4°16	23°27	S 24
M 25	20 45 11	10° 8'26"	15°33	27°32	22°44	3° 7	28°29	16°58	5°51	17°35	18° 3	26°38	27° 7	4°23	23°24	M 25
T 26	20 49 8	11° 6'00"	0°E 7	29°27	23°58	3°45	28°25	17° 5	5°52	17°35	18° 5	26°32	27° 4	4°29	23°21	T 26
W 27	20 53 4	12° 3'34"	15° 4	1°L24	25°12	4°22	28°21	17°13	5°53	17°36	18° 7	26°24	27° 1	4°36	23°18	W 27
T 28	20 57 1	13° 1'09"	0°M18	3°23	26°26	5° 0	28°18	17°20	5°55	17°36	18° 9	26°14	26°57	4°43	23°15	T 28
F 29	21 0 58	13°58'45"	15°38	5°24	27°40	5°38	28°14	17°27	5°56	17°36	18°10	26° 4	26°54	4°49	23°12	F 29
S 30	21 4 54	14°56'23"	0°H51	7°25	28°54	6°16	28°11	17°35	5°57	17°36	18°12	25°54	26°51	4°56	23° 9	S 30
S 31	21 8 51	15°L54'01"	15°H49	9°L26	0°II 8	6°D54	28°M 8	17°D42	5°M58	17°M37	18°II14	25°D47	26°D48	5°L 3	23°M 6	S 31

Delta T = 05m44s

Julian Calendar 1 July 1474 == Greg. Calendar 10 July 1474

AUGUST 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	21 12 47	16°L51'42"	0°V23	11°L28	1°II22	7°D32	28°R 5	17°D49	6°M 0	17°M37	18°II16	25°R43	26°D45	5°L10	23°R 3	M 1
T 2	21 16 44	17°49'24"	14°29	13°30	2°36	8°10	28°M 2	17°56	6° 1	17°37	18°18	25°D40	26°42	5°16	23°M 0	T 2
W 3	21 20 40	18°47'07"	28° 5	15°31	3°50	8°48	28° 0	18° 3	6° 2	17°38	18°20	25°D40	26°38	5°23	22°57	W 3
T 4	21 24 37	19°44'52"	11°B15	17°32	5° 4	9°27	27°58	18°10	6° 4	17°38	18°22	25°40	26°35	5°30	22°54	T 4
F 5	21 28 33	20°42'40"	24° 1	19°33	6°18	10° 5	27°55	18°17	6° 5	17°39	18°24	25°R41	26°32	5°37	22°51	F 5
S 6	21 32 30	21°40'28"	6°II27	21°32	7°32	10°43	27°53	18°24	6° 7	17°39	18°26	25°39	26°29	5°43	22°48	S 6
S 7	21 36 27	22°38'19"	18°39	23°31	8°46	11°22	27°52	18°31	6° 9	17°40	18°28	25°36	26°26	5°50	22°45	S 7
M 8	21 40 23	23°36'11"	0°E41	25°29	9°59	12° 1	27°50	18°38	6°10	17°40	18°30	25°31	26°23	5°57	22°42	M 8
T 9	21 44 20	24°34'05"	12°36	27°25	11°13	12°39	27°49	18°45	6°12	17°41	18°32	25°23	26°19	6° 3	22°39	T 9
W 10	21 48 16	25°32'01"	24°29	29°20	12°27	13°18	27°47	18°52	6°14	17°41	18°34	25°13	26°16	6°10	22°36	W 10
T 11	21 52 13	26°29'58"	6°L20	1°II15	13°41	13°57	27°46	18°59	6°15	17°42	18°37	25° 2	26°13	6°17	22°33	T 11
F 12	21 56 9	27°27'57"	18°13	3° 8	14°55	14°36	27°46	19° 6	6°17	17°43	18°39	24°51	26°10	6°24	22°30	F 12
S 13	22 0 6	28°25'58"	0°II 9	4°59	16° 9	15°15	27°45	19°12	6°19	17°43	18°41	24°40	26° 7	6°30	22°27	S 13
S 14	22 4 2	29°24'00"	12° 9	6°50	17°23	15°54	27°44	19°19	6°21	17°44	18°43	24°32	26° 3	6°37	22°24	S 14
M 15	22 7 59	0°II22'04"	24°16	8°39	18°37	16°34	27°44	19°25	6°23	17°45	18°45	24°25	26° 0	6°44	22°21	M 15
T 16	22 11 56	1°20'10"	6°D30	10°27	19°51	17°13	27°D44	19°32	6°25	17°46	18°47	24°21	25°57	6°50	22°18	T 16
W 17	22 15 52	2°18'17"	18°53	12°14	21° 5	17°52	27°44	19°38	6°27	17°47	18°49	24°D19	25°54	6°57	22°15	W 17
T 18	22 19 49	3°16'25"	1°M30	13°59	22°19	18°32	27°45	19°45	6°29	17°47	18°52	24°19	25°51	7° 4	22°12	T 18
F 19	22 23 45	4°14'35"	14°22	15°44	23°33	19°11	27°45	19°51	6°32	17°48	18°54	24°20	25°48	7°11	22° 9	F 19
S 20	22 27 42	5°12'47"	27°32	17°27	24°47	19°51	27°46	19°57	6°34	17°49	18°56	24°21	25°44	7°17	22° 6	S 20
S 21	22 31 38	6°11'00"	11°M 5	19° 8	26° 1	20°31	27°47	20° 4	6°36	17°50	18°58	24°R22	25°41	7°24	22° 3	S 21
M 22	22 35 35	7° 9'15"	25° 1	20°49	27°15	21°10	27°48	20°10	6°38	17°51	19° 0	24°20	25°38	7°31	22° 1	M 22
T 23	22 39 31	8° 7'31"	9°E21	22°29	28°29	21°50	27°49	20°16	6°41	17°52	19° 2	24°17	25°35	7°38	21°58	T 23
W 24	22 43 28	9° 5'48"	24° 2	24° 7	29°43	22°30	27°50	20°22	6°43	17°53	19° 5	24°12	25°32	7°44	21°55	W 24
T 25	22 47 25	10° 4'08"	8°M59	25°44	0°D57	23°10	27°52	20°28	6°45	17°54	19° 7	24° 6	25°29	7°51	21°52	T 25
F 26	22 51 21	11° 2'28"	24° 5	27°20	2°10	23°50	27°54	20°34	6°48	17°55	19° 9	23°59	25°25	7°58	21°49	F 26
S 27	22 55 18	12° 0'51"	9°H 8	28°55	3°24	24°30	27°56	20°40	6°50	17°57	19°11	23°53	25°22	8° 4	21°46	S 27
S 28	22 59 14	12°59'15"	24° 1	0°D29	4°38	25°11	27°58	20°46	6°53	17°58	19°13	23°49	25°19	8°11	21°44	S 28
M 29	23 3 11	13°57'42"	8°V35	2° 2	5°52	25°51	28° 0	20°51	6°56	17°59	19°16	23°46	25°16	8°18	21°41	M 29
T 30	23 7 7	14°56'10"	22°44	3°33	7° 6	26°31	28° 3	20°57	6°58	18° 0	19°18	23°D45	25°13	8°25	21°38	T 30
W 31	23 11 4	15°II54'41"	6°D26	5°D 4	8°D20	27°D12	28°M 6	21°D 3	7°M 1	18°M 1	19°II20	23°D45	25°D 9	8°L31	21°M36	W 31

Delta T = 05m43s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1474

geocentric

SEPTEMBER 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	23 15 0	16 ¹¹ 53'13	19 ⁸ 42	6 ⁴ 34	9 ⁴ 34	27 ⁴ 52	28 ⁷ 9	21 ⁴ 8	7 ¹¹ 3	18 ¹¹ 3	19 ¹¹ 22	23 ⁴ 47	25 ⁴ 6	8 ¹¹ 38	21 ¹⁰ 33	T 1
F 2	23 18 57	17 ¹⁰ 51'48	21 ¹¹ 33	8° 2	10°47	28°33	28°12	21°14	7° 6	18° 4	19°25	23°48	25° 3	8°45	21 ¹¹ 30	F 2
S 3	23 22 53	18°50'26	15° 2	9°29	12° 1	29°14	28°15	21°19	7° 9	18° 5	19°27	23°R49	25° 0	8°51	21°28	S 3
S 4	23 26 50	19°49'05	27°16	10°56	13°15	29°54	28°19	21°24	7°12	18° 7	19°29	23°49	24°57	8°58	21°25	S 4
M 5	23 30 47	20°47'47	9 ⁴ 18	12°21	14°29	0 ¹¹ 35	28°22	21°30	7°15	18° 8	19°31	23°47	24°54	9° 5	21°23	M 5
T 6	23 34 43	21°46'31	21°13	13°45	15°43	1°16	28°26	21°35	7°17	18°10	19°34	23°44	24°50	9°12	21°20	T 6
W 7	23 38 40	22°45'17	3 ¹¹ 4	15° 7	16°56	1°57	28°30	21°40	7°20	18°11	19°36	23°40	24°47	9°18	21°18	W 7
T 8	23 42 36	23°44'06	14°57	16°29	18°10	2°38	28°34	21°45	7°23	18°12	19°38	23°35	24°44	9°25	21°15	T 8
F 9	23 46 33	24°42'56	26°53	17°49	19°24	3°19	28°39	21°50	7°26	18°14	19°40	23°30	24°41	9°32	21°13	F 9
S 10	23 50 29	25°41'49	8 ¹¹ 54	19° 8	20°38	4° 0	28°43	21°55	7°29	18°15	19°43	23°25	24°38	9°38	21°11	S 10
S 11	23 54 26	26°40'44	21° 4	20°26	21°52	4°42	28°48	21°59	7°32	18°17	19°45	23°21	24°34	9°45	21° 8	S 11
M12	23 58 22	27°39'40	3 ¹¹ 23	21°42	23° 5	5°23	28°53	22° 4	7°35	18°19	19°47	23°18	24°31	9°52	21° 6	M12
T 13	0 2 19	28°38'39	15°52	22°57	24°19	6° 5	28°58	22° 9	7°38	18°20	19°49	23°17	24°28	9°59	21° 4	T 13
W14	0 6 16	29°37'40	28°32	24°11	25°33	6°46	29° 3	22°13	7°42	18°22	19°51	23°D16	24°25	10° 5	21° 2	W14
T 15	0 10 12	0 ¹¹ 36'43	11 ¹¹ 25	25°22	26°46	7°28	29° 8	22°18	7°45	18°23	19°54	23°17	24°22	10°12	21° 0	T 15
F 16	0 14 9	1°35'48	24°31	26°32	28° 0	8° 9	29°14	22°22	7°48	18°25	19°56	23°19	24°19	10°19	20°57	F 16
S 17	0 18 5	2°34'54	7 ¹¹ 52	27°40	29°14	8°51	29°20	22°26	7°51	18°27	19°58	23°20	24°15	10°25	20°55	S 17
S 18	0 22 2	3°34'03	21°29	28°46	0 ¹¹ 28	9°33	29°26	22°30	7°54	18°28	20° 0	23°21	24°12	10°32	20°53	S 18
M19	0 25 58	4°33'13	5 ¹¹ 21	29°50	1°41	10°15	29°32	22°34	7°58	18°30	20° 2	23°R22	24° 9	10°39	20°52	M19
T 20	0 29 55	5°32'25	19°30	0 ¹¹ 51	2°55	10°57	29°38	22°38	8° 1	18°32	20° 5	23°21	24° 6	10°46	20°50	T 20
W21	0 33 51	6°31'39	3 ¹¹ 53	1°50	4° 9	11°39	29°44	22°42	8° 4	18°34	20° 7	23°20	24° 3	10°52	20°48	W21
T 22	0 37 48	7°30'54	18°27	2°46	5°22	12°21	29°51	22°46	8° 7	18°35	20° 9	23°18	24° 0	10°59	20°46	T 22
F 23	0 41 44	8°30'11	3 ¹¹ 7	3°39	6°36	13° 3	29°57	22°50	8°11	18°37	20°11	23°16	23°56	11° 6	20°44	F 23
S 24	0 45 41	9°29'30	17°47	4°29	7°49	13°45	0 ¹¹ 3	22°53	8°14	18°39	20°13	23°14	23°53	11°13	20°43	S 24
S 25	0 49 38	10°28'51	2 ¹¹ 20	5°15	9° 3	14°27	0°11	22°57	8°18	18°41	20°15	23°13	23°50	11°19	20°41	S 25
M26	0 53 34	11°28'14	16°39	5°57	10°17	15°10	0°18	23° 0	8°21	18°43	20°17	23°D13	23°47	11°26	20°39	M26
T 27	0 57 31	12°27'39	0 ¹¹ 41	6°35	11°30	15°52	0°25	23° 4	8°24	18°45	20°20	23°13	23°44	11°33	20°38	T 27
W28	1 1 27	13°27'07	14°20	7° 7	12°44	16°35	0°33	23° 7	8°28	18°47	20°22	23°13	23°40	11°39	20°36	W28
T 29	1 5 24	14°26'36	27°37	7°35	13°57	17°17	0°40	23°10	8°31	18°49	20°24	23°14	23°37	11°46	20°35	T 29
F 30	1 9 20	15 ¹¹ 26'08	10 ¹¹ 31	7 ¹¹ 57	15 ¹¹ 11	18 ¹¹ 0	0 ¹¹ 348	23 ¹¹ 13	8 ¹¹ 35	18 ¹¹ 51	20 ¹¹ 26	23 ¹¹ 15	23 ¹¹ 34	11 ¹¹ 53	20 ¹¹ 34	F 30

Delta T = 05m43s

Julian Calendar 1 Sept. 1474 == Greg. Calendar 10 Sept. 1474

OCTOBER 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 13 17	16 ¹¹ 25'43	23 ¹¹ 5	8 ¹¹ 12	16 ¹¹ 24	18 ¹¹ 43	0 ¹¹ 56	23 ¹¹ 16	8 ¹¹ 38	18 ¹¹ 52	20 ¹¹ 28	23 ¹¹ 15	23 ¹¹ 31	12 ¹¹ 0	20°R32	S 1
S 2	1 17 13	17°25'19	5 ¹¹ 22	8°21	17°38	19°25	1° 4	23°19	8°42	18°54	20°30	23°16	23°28	12° 6	20 ¹¹ 31	S 2
M 3	1 21 10	18°24'58	17°26	8°R22	18°51	20° 8	1°12	23°22	8°46	18°56	20°32	23°R16	23°25	12°13	20°30	M 3
T 4	1 25 7	19°24'39	29°21	8°16	20° 4	20°51	1°20	23°24	8°49	18°58	20°34	23°16	23°21	12°20	20°29	T 4
W 5	1 29 3	20°24'22	11 ¹¹ 14	8° 1	21°18	21°34	1°29	23°27	8°53	19° 0	20°36	23°16	23°18	12°26	20°28	W 5
T 6	1 33 0	21°24'08	23° 7	7°37	22°31	22°17	1°37	23°29	8°56	19° 3	20°38	23°16	23°15	12°33	20°27	T 6
F 7	1 36 56	22°23'56	5 ¹¹ 12	7° 4	23°45	23° 0	1°46	23°31	9° 0	19° 5	20°40	23°15	23°12	12°40	20°26	F 7
S 8	1 40 53	23°23'45	17°12	6°23	24°58	23°44	1°55	23°34	9° 4	19° 7	20°42	23°D15	23° 9	12°47	20°25	S 8
S 9	1 44 49	24°23'38	29°30	5°33	26°11	24°27	2° 4	23°36	9° 7	19° 9	20°44	23°15	23° 5	12°53	20°24	S 9
M10	1 48 46	25°23'32	12 ¹¹ 2	4°34	27°25	25°10	2°13	23°38	9°11	19°11	20°46	23°15	23° 2	13° 0	20°23	M10
T 11	1 52 42	26°23'28	24°49	3°29	28°38	25°54	2°22	23°40	9°15	19°13	20°48	23°R16	22°59	13° 7	20°22	T 11
W12	1 56 39	27°23'26	7 ¹¹ 51	2°17	29°52	26°37	2°31	23°41	9°18	19°15	20°50	23°15	22°56	13°13	20°22	W12
T 13	2 0 36	28°23'26	21° 8	1° 2	1 ¹¹ 7	27°21	2°40	23°43	9°22	19°17	20°52	23°15	22°53	13°20	20°21	T 13
F 14	2 4 32	29°23'28	4 ¹¹ 38	29 ¹¹ 45	2°18	28° 4	2°50	23°45	9°26	19°19	20°53	23°14	22°50	13°27	20°21	F 14
S 15	2 8 29	0 ¹¹ 23'32	18°21	28°28	3°31	28°48	3° 0	23°46	9°29	19°21	20°55	23°14	22°46	13°34	20°20	S 15
S 16	2 12 25	1°23'38	2 ¹¹ 14	27°14	4°45	29°32	3° 9	23°47	9°33	19°24	20°57	23°13	22°43	13°40	20°20	S 16
M17	2 16 22	2°23'45	16°15	26° 5	5°58	0 ¹¹ 15	3°19	23°49	9°37	19°26	20°59	23°12	22°40	13°47	20°19	M17
T 18	2 20 18	3°23'53	0 ¹¹ 23	25° 3	7°11	0°59	3°29	23°50	9°40	19°28	21° 1	23°D12	22°37	13°54	20°19	T 18
W19	2 24 15	4°24'03	14°35	24°11	8°24	1°43	3°39	23°51	9°44	19°30	21° 2	23°12	22°34	14° 0	20°19	W19
T 20	2 28 11	5°24'15	28°49	23°28	9°37	2°27	3°50	23°52	9°48	19°32	21° 4	23°12	22°31	14° 7	20°19	T 20
F 21	2 32 8	6°24'28	13 ¹¹ 3	22°57	10°50	3°11	4° 0	23°52	9°52	19°35	21° 6	23°13	22°27	14°14	20°19	F 21
S 22	2 36 5	7°24'43	27°14	22°38	12° 4	3°55	4°10	23°53	9°55	19°37	21° 7	23°15	22°24	14°21	20°D19	S 22
S 23	2 40 1	8°24'59	11 ¹¹ 18	22°D30	13°17	4°40	4°21	23°54	9°59	19°39	21° 9	23°15	22°21	14°27	20°19	S 23
M24	2 43 58	9°25'17	25°12	22°34	14°30	5°24	4°31	23°54	10° 3	19°41	21°11	23°R16	22°18	14°34	20°19	M24
T 25	2 47 54	10°25'36	8 ¹¹ 54	22°48	15°43	6° 8	4°42	23°54	10° 7	19°43	21°12	23°15	22°15	14°41	20°19	T 25
W26	2 51 51	11°25'57	22°20	23°13	16°56	6°52	4°53	23°55	10°10	19°46	21°14	23°14	22°11	14°47	20°19	W26
T 27	2 55 47	12°26'21	5 ¹¹ 18	23°46	18° 8	7°37	5° 4	23°R55	10°14	19°48	21°16	23°11	22° 8	14°54	20°19	T 27
F 28	2 59 44	13°26'45	18°19	24°28	19°21	8°21	5°15	23°55	10°18	19°50	21°17	23° 8	22° 5	15° 1	20°20	F 28
S 29	3 3 40	14°27'12	0 ¹¹ 52	25°17	20°34	9° 6	5°26	23°54	10°22	19°52	21°19	23° 5	22° 2	15° 8	20°20	S 29
S 30	3 7 37	15°27'41	13°10	26°13	21°47	9°50	5°37	23°54	10°25	19°55	21°20	23° 1	21°59	15°14	20°21	S 30
M31	3 11 34	16 ¹¹ 28'11	25 ¹¹ 15	27 ¹¹ 14	23 ¹¹ 7	10 ¹¹ 35	5 ¹¹ 349	23 ¹¹ 54	10 ¹¹ 29	19 ¹¹ 57	21 ¹¹ 22	22 ¹¹ 59	21 ¹¹ 56	15 ¹¹ 21	20 ¹¹ 21	M31

Delta T = 05m43s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1474

geocentric

NOVEMBER 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 15 30	17 ¹¹ 28'43	7 ¹² 12	28 ²⁰ 20	24 ²⁷ 13	11 ²⁷ 20	6 ³ 0	23 ⁵ R53	10 ¹¹ 33	19 ¹⁹ 59	21 ¹⁷ 23	22 ⁵ R57	21 ¹¹ 52	15 ¹² 28	20 ²² 22	T 1
W 2	3 19 27	18 ²⁹ 17	19 ⁴	29 ³¹	25 ²⁵	12 ⁵	6 ¹²	23 ⁵ 53	10 ³⁶	20 ¹	21 ²⁵	22 ⁵ D57	21 ⁴⁹	15 ³⁴	20 ²²	W 2
T 3	3 23 23	19 ²⁹ 53	0 ¹⁷ 56	0 ¹¹ 45	26 ³⁸	12 ⁴⁹	6 ²³	23 ⁵²	10 ⁴⁰	20 ⁴	21 ²⁶	22 ⁵ 57	21 ⁴⁶	15 ⁴¹	20 ²³	T 3
F 4	3 27 20	20 ³⁰ 30	12 ⁵⁴	2 ²	27 ⁵¹	13 ³⁴	6 ³⁵	23 ⁵¹	10 ⁴⁴	20 ⁶	21 ²⁷	22 ⁵ 59	21 ⁴³	15 ⁴⁸	20 ²⁴	F 4
S 5	3 31 16	21 ³¹ 09	25 ²	3 ²²	29 ³	14 ¹⁹	6 ⁴⁷	23 ⁵⁰	10 ⁴⁸	20 ⁸	21 ²⁹	23 ⁰	21 ⁴⁰	15 ⁵⁴	20 ²⁵	S 5
S 6	3 35 13	22 ³¹ 50	7 ²⁵	4 ⁴⁴	0 ³ 16	15 ⁴	6 ⁵⁸	23 ⁴⁹	10 ⁵¹	20 ¹⁰	21 ³⁰	23 ²	21 ³⁷	16 ¹	20 ²⁶	S 6
M 7	3 39 9	23 ³² 33	20 ⁵	6 ⁸	1 ²⁸	15 ⁴⁹	7 ¹⁰	23 ⁴⁸	10 ⁵⁵	20 ¹³	21 ³¹	23 ³ R 3	21 ³³	16 ⁸	20 ²⁶	M 7
T 8	3 43 6	24 ³³ 17	3 ¹¹	7 ³⁴	2 ⁴¹	16 ³⁴	7 ²²	23 ⁴⁷	10 ⁵⁹	20 ¹⁵	21 ³²	23 ³	21 ³⁰	16 ¹⁵	20 ²⁸	T 8
W 9	3 47 2	25 ³⁴ 02	16 ²⁸	9 ¹	3 ⁵³	17 ²⁰	7 ³⁴	23 ⁴⁶	11 ²	20 ¹⁷	21 ³⁴	23 ¹	21 ²⁷	16 ²¹	20 ²⁹	W 9
T 10	3 50 59	26 ³⁴ 49	0 ²⁷ 9	10 ²⁹	5 ⁶	18 ⁵	7 ⁴⁷	23 ⁴⁴	11 ⁶	20 ¹⁹	21 ³⁵	22 ⁵ 7	21 ²⁴	16 ²⁸	20 ³⁰	T 10
F 11	3 54 56	27 ³⁵ 38	14 ⁹	11 ⁵⁹	6 ¹⁸	18 ⁵⁰	7 ⁵⁹	23 ⁴³	11 ¹⁰	20 ²²	21 ³⁶	22 ⁵ 2	21 ²¹	16 ³⁵	20 ³¹	F 11
S 12	3 58 52	28 ³⁶ 27	28 ²¹	13 ²⁸	7 ³¹	19 ³⁵	8 ¹¹	23 ⁴¹	11 ¹³	20 ²⁴	21 ³⁷	22 ⁴⁶	21 ¹⁷	16 ⁴¹	20 ³²	S 12
S 13	4 2 49	29 ³⁷ 18	12 ³ 41	14 ⁵⁹	8 ⁴³	20 ²¹	8 ²⁴	23 ³⁹	11 ¹⁷	20 ²⁶	21 ³⁸	22 ⁴⁰	21 ¹⁴	16 ⁴⁸	20 ³⁴	S 13
M14	4 6 45	0 ²⁷ 38'09	27 ³	16 ³⁰	9 ⁵⁵	21 ⁶	8 ³⁶	23 ³⁷	11 ²⁰	20 ²⁸	21 ³⁹	22 ³⁵	21 ¹¹	16 ⁵⁵	20 ³⁵	M14
T 15	4 10 42	1 ³⁹ 02	11 ²³	18 ¹	11 ⁷	21 ⁵²	8 ⁴⁹	23 ³⁵	11 ²⁴	20 ³¹	21 ⁴⁰	22 ³²	21 ⁸	17 ²	20 ³⁶	T 15
W16	4 14 38	2 ³⁹ 55	25 ³⁸	19 ³³	12 ¹⁹	22 ³⁷	9 ¹	23 ³³	11 ²⁸	20 ³³	21 ⁴¹	22 ³⁰	21 ⁵	17 ⁸	20 ³⁸	W16
T 17	4 18 35	3 ⁴⁰ 49	9 ⁴⁴	21 ⁵	13 ³²	23 ²³	9 ¹⁴	23 ³¹	11 ³¹	20 ³⁵	21 ⁴²	22 ⁵ D30	21 ²	17 ¹⁵	20 ³⁹	T 17
F 18	4 22 32	4 ⁴¹ 44	23 ⁴¹	22 ³⁸	14 ⁴⁴	24 ⁹	9 ²⁶	23 ²⁸	11 ³⁵	20 ³⁷	21 ⁴³	22 ³¹	20 ⁵⁸	17 ²²	20 ⁴¹	F 18
S 19	4 26 28	5 ⁴² 40	7 ⁴⁹ 29	24 ¹⁰	15 ⁵⁵	24 ⁵⁴	9 ³⁹	23 ²⁶	11 ³⁸	20 ³⁹	21 ⁴⁴	22 ³³	20 ⁵⁵	17 ²⁸	20 ⁴³	S 19
S 20	4 30 25	6 ⁴³ 36	21 ⁶	25 ⁴³	17 ⁷	25 ⁴⁰	9 ⁵²	23 ²⁴	11 ⁴²	20 ⁴²	21 ⁴⁵	22 ⁵ R33	20 ⁵²	17 ³⁵	20 ⁴⁵	S 20
M21	4 34 21	7 ⁴⁴ 33	4 ³³	27 ¹⁶	18 ¹⁹	26 ²⁶	10 ⁵	23 ²¹	11 ⁴⁵	20 ⁴⁴	21 ⁴⁶	22 ³³	20 ⁴⁹	17 ⁴²	20 ⁴⁶	M21
T 22	4 38 18	8 ⁴⁵ 31	17 ⁴⁹	28 ⁴⁹	19 ³¹	27 ¹²	10 ¹⁸	23 ¹⁸	11 ⁴⁸	20 ⁴⁶	21 ⁴⁷	22 ³⁰	20 ⁴⁶	17 ⁴⁹	20 ⁴⁸	T 22
W23	4 42 14	9 ⁴⁶ 30	0 ¹¹ 54	0 ²⁷ 22	20 ⁴²	27 ⁵⁷	10 ³¹	23 ¹⁵	11 ⁵²	20 ⁴⁸	21 ⁴⁸	22 ²⁵	20 ⁴²	17 ⁵⁵	20 ⁵⁰	W23
T 24	4 46 11	10 ⁴⁷ 30	13 ⁴⁶	1 ⁵⁵	21 ⁵⁴	28 ⁴³	10 ⁴⁴	23 ¹²	11 ⁵⁵	20 ⁵⁰	21 ⁴⁸	22 ¹⁷	20 ³⁹	18 ²	20 ⁵²	T 24
F 25	4 50 7	11 ⁴⁸ 31	26 ²⁵	3 ²⁸	23 ⁵	29 ²⁹	10 ⁵⁷	23 ⁹	11 ⁵⁹	20 ⁵³	21 ⁴⁹	22 ⁸	20 ³⁶	18 ⁹	20 ⁵⁴	F 25
S 26	4 54 4	12 ⁴⁹ 32	8 ⁵²	5 ¹	24 ¹⁷	0 ³ 15	11 ¹⁰	23 ⁶	12 ²	20 ⁵⁵	21 ⁵⁰	21 ⁵⁸	20 ³³	18 ¹⁵	20 ⁵⁶	S 26
S 27	4 58 1	13 ⁵⁰ 35	21 ⁶	6 ³⁵	25 ²⁸	1 ¹	11 ²⁴	23 ³	12 ⁵	20 ⁵⁷	21 ⁵¹	21 ⁴⁸	20 ³⁰	18 ²²	20 ⁵⁸	S 27
M28	5 1 57	14 ⁵¹ 38	3 ¹² 9	8 ⁸	26 ³⁹	1 ⁴⁷	11 ³⁷	23 ⁰	12 ⁹	20 ⁵⁹	21 ⁵¹	21 ⁴⁰	20 ²⁷	18 ²⁹	21 ⁰	M28
T 29	5 5 54	15 ⁵² 42	15 ⁴	9 ⁴²	27 ⁵¹	2 ³⁴	11 ⁵⁰	22 ⁵⁷	12 ¹²	21 ¹	21 ⁵²	21 ³³	20 ²³	18 ³⁶	21 ³	T 29
W30	5 9 50	16 ⁵³ 47	26 ¹² 55	11 ²⁷ 15	29 ² 2	3 ²⁰ 20	12 ³ 3	22 ⁵ 53	12 ¹¹ 15	21 ¹¹ 3	21 ¹⁷ 52	21 ¹¹ 28	20 ¹¹ 20	18 ¹² 42	21 ²² 5	W30

Delta T = 05m43s

Julian Calendar 1 Nov. 1474 == Greg. Calendar 10 Nov. 1474

DECEMBER 1474 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	5 13 47	17 ⁵⁴ 53	8 ¹⁷ 45	12 ²⁷ 49	0 ²² 13	4 ³ 6	12 ³ 17	22 ⁵ R50	12 ¹¹ 18	21 ¹¹ 5	21 ¹⁷ 53	21 ⁵ R25	20 ¹¹ 17	18 ¹² 49	21 ²² 7	T 1
F 2	5 17 43	18 ⁵⁶ 00	20 ⁴¹	14 ²³	1 ²⁴	4 ⁵²	12 ³⁰	22 ⁵ 46	12 ²²	21 ⁷	21 ⁵³	21 ⁵ D25	20 ¹⁴	18 ⁵⁶	21 ¹⁰	F 2
S 3	5 21 40	19 ⁵⁷ 07	2 ⁴⁶	15 ⁵⁷	2 ³⁴	5 ³⁹	12 ⁴⁴	22 ⁴²	12 ²⁵	21 ⁹	21 ⁵⁴	21 ⁵ D26	20 ¹¹	19 ²	21 ¹²	S 3
S 4	5 25 36	20 ⁵⁸ 16	15 ⁶	17 ³¹	3 ⁴⁵	6 ²⁵	12 ⁵⁷	22 ³⁸	12 ²⁸	21 ¹¹	21 ⁵⁴	21 ⁵ R26	20 ⁸	19 ⁹	21 ¹⁵	S 4
M 5	5 29 33	21 ⁵⁹ 25	27 ⁴⁷	19 ⁶	4 ⁵⁶	7 ¹¹	13 ¹¹	22 ³⁵	12 ³¹	21 ¹³	21 ⁵⁵	21 ²⁶	20 ⁴	19 ¹⁶	21 ¹⁷	M 5
T 6	5 33 30	23 ⁰ 35	10 ¹¹ 52	20 ⁴⁰	6 ⁶	7 ⁵⁸	13 ²⁵	22 ³¹	12 ³⁴	21 ¹⁵	21 ⁵⁵	21 ²⁴	20 ¹	19 ²²	21 ²⁰	T 6
W 7	5 37 26	24 ¹ 45	24 ²⁴	22 ¹⁵	7 ¹⁶	8 ⁴⁴	13 ³⁸	22 ²⁷	12 ³⁷	21 ¹⁷	21 ⁵⁵	21 ²⁰	19 ⁵⁸	19 ²⁹	21 ²²	W 7
T 8	5 41 23	25 ² 57	8 ²²	23 ⁵⁰	8 ²⁷	9 ³¹	13 ⁵²	22 ²³	12 ⁴⁰	21 ¹⁹	21 ⁵⁶	21 ¹³	19 ⁵⁵	19 ³⁶	21 ²⁵	T 8
F 9	5 45 19	26 ⁴ 08	22 ⁴³	25 ²⁶	9 ³⁷	10 ¹⁷	14 ⁶	22 ¹⁹	12 ⁴³	21 ²¹	21 ⁵⁶	21 ⁴	19 ⁵²	19 ⁴³	21 ²⁸	F 9
S 10	5 49 16	27 ⁵ 20	7 ³ 22	27 ¹	10 ⁴⁷	11 ⁴	14 ¹⁹	22 ¹⁴	12 ⁴⁶	21 ²³	21 ⁵⁶	20 ⁵³	19 ⁴⁸	19 ⁴⁹	21 ³¹	S 10
S 11	5 53 12	28 ⁶ 32	22 ¹²	28 ³⁷	11 ⁵⁷	11 ⁵¹	14 ³³	22 ¹⁰	12 ⁴⁹	21 ²⁵	21 ⁵⁶	20 ⁴³	19 ⁴⁵	19 ⁵⁶	21 ³³	S 11
M12	5 57 9	29 ⁷ 44	7 ²²	0 ³ 13	13 ⁶	12 ³⁷	14 ⁴⁷	22 ⁶	12 ⁵²	21 ²⁷	21 ⁵⁶	20 ³³	19 ⁴²	20 ³	21 ³⁶	M12
T 13	6 1 5	0 ³ 8'56	21 ⁴⁶	1 ⁵⁰	14 ¹⁶	13 ²⁴	15 ¹	22 ¹	12 ⁵⁵	21 ²⁹	21 ⁵⁷	20 ²⁵	19 ³⁹	20 ⁹	21 ³⁹	T 13
W14	6 5 2	1 ¹⁰ 08	6 ¹⁶	3 ²⁶	15 ²⁶	14 ¹¹	15 ¹⁵	21 ⁵⁷	12 ⁵⁸	21 ³¹	21 ⁵⁷	20 ²⁰	19 ³⁶	20 ¹⁶	21 ⁴²	W14
T 15	6 8 59	2 ¹¹ 20	20 ³⁰	5 ³	16 ³⁵	14 ⁵⁸	15 ²⁹	21 ⁵²	13 ⁰	21 ³²	21 ⁵⁷	20 ¹⁸	19 ³³	20 ²³	21 ⁴⁵	T 15
F 16	6 12 55	3 ¹² 31	4 ¹⁷ 25	6 ⁴⁰	17 ⁴⁴	15 ⁴⁴	15 ⁴³	21 ⁴⁸	13 ³	21 ³⁴	21 ⁵⁷	20 ⁵ D18	19 ²⁹	20 ²⁹	21 ⁴⁸	F 16
S 17	6 16 52	4 ¹³ 43	18 ²	8 ¹⁸	18 ⁵³	16 ³¹	15 ⁵⁷	21 ⁴³	13 ⁶	21 ³⁶	21 ⁵⁷	20 ⁵ R18	19 ²⁶	20 ³⁶	21 ⁵¹	S 17
S 18	6 20 48	5 ¹⁴ 54	1 ⁸ 23	9 ⁵⁶	20 ²	17 ¹⁸	16 ¹¹	21 ³⁹	13 ⁹	21 ³⁸	21 ⁵⁷	20 ¹⁷	19 ²³	20 ⁴³	21 ⁵⁴	S 18
M19	6 24 45	6 ¹⁶ 04	14 ²⁹	11 ³⁴	21 ¹¹	18 ⁵	16 ²⁵	21 ³⁴	13 ¹¹	21 ⁴⁰	21 ⁵⁶	20 ¹⁵	19 ²⁰	20 ⁵⁰	21 ⁵⁸	M19
T 20	6 28 41	7 ¹⁷ 14	27 ²⁴	13 ¹³	22 ¹⁹	18 ⁵²	16 ³⁹	21 ²⁹	13 ¹⁴	21 ⁴¹	21 ⁵⁶	20 ¹⁰	19 ¹⁷	20 ⁵⁶	22 ¹	T 20
W21	6 32 38	8 ¹⁸ 24	10 ¹¹ 7	14 ⁵²	23 ²⁸	19 ³⁹	16 ⁵³	21 ²⁵	13 ¹⁶	21 ⁴³	21 ⁵⁶	20 ²	19 ¹⁴	21 ³	22 ⁴	W21
T 22	6 36 34	9 ¹⁹ 34	22 ⁴¹	16 ³¹	24 ³⁶	20 ²⁶	17 ⁷	21 ²⁰	13 ¹⁹	21 ⁴⁵	21 ⁵⁶	19 ⁵¹	19 ¹⁰	21 ¹⁰	22 ⁷	T 22
F 23	6 40 31	10 ²⁰ 44	5 ⁵	18 ¹⁰	25 ⁴⁴	21 ¹³	17 ²¹	21 ¹⁵	13 ²¹	21 ⁴⁶	21 ⁵⁶	19 ³⁸	19 ⁷	21 ¹⁶	22 ¹¹	F 23
S 24	6 44 28	11 ²¹ 53	17 ²⁰	19 ⁵⁰	26 ⁵²	22 ⁰	17 ³⁵	21 ¹⁰	13 ²⁴	21 ⁴⁸	21 ⁵⁶	19 ²³	19 ⁴	21 ²³	22 ¹⁴	S 24
S 25	6 48 24	12 ²³ 02	29 ²⁶	21 ³⁰	27 ⁵⁹	22 ⁴⁷	17 ⁴⁹	21 ⁵	13 ²⁶	21 ⁵⁰	21 ⁵⁵	19 ⁹	19 ¹	21 ³⁰	22 ¹⁷	S 25
M26	6 52 21	13 ²⁴ 10	11 ¹² 25	23 ¹⁰	29 ⁶	23 ³⁴	18 ³	21 ¹	13 ²⁸	21 ⁵¹	21 ⁵⁵	18 ⁵⁵	18 ⁵⁸	21 ³⁷	22 ²¹	M26
T 27	6 56 17	14 ²⁵ 19	23 ¹⁸	24 ⁵⁰	0 ¹¹ 14	24 ²¹	18 ¹⁷	20 ⁵⁶	13 ³¹	21 ⁵³	21 ⁵⁵	18 ⁴⁴	18 ⁵⁴	21 ⁴³	22 ²⁴	T 27
W28	7 0 14	15 ²⁶ 27	5 ¹⁷ 7	26 ³⁰	1 ²¹	25 ⁸	18 ³¹	20 ⁵¹	13 ³³	21 ⁵⁴	21 ⁵⁴	18 ³⁶	18 ⁵¹	21 ⁵⁰	22 ²⁸	W28
T 29	7 4 10	16 ²⁷ 35	16 ⁵⁶	28 ¹⁰	2 ²⁷	25 ⁵⁵	18 ⁴⁵	20 ⁴⁶	13 ³⁵	21 ⁵⁶	21 ⁵⁴	18 ³⁰	18 ⁴⁸	21 ⁵⁷	22 ³¹	T 29
F 30	7 8 7	17 ²⁸ 42	28 ⁴⁹	29 ⁵⁰	3 ³⁴	26 ⁴²	18 ⁵⁹	20 ⁴¹	13 ³⁷	21 ⁵⁷	21 ⁵³	18 ²⁷	18 ⁴⁵	22 ³	22 ³⁵	F 30
S 31	7 12 3	18 ³ 29 ⁵⁰	10 ¹² 51	1 ²² 29	4 ¹¹ 40	27 ³ 30	19 ³ 14	20 ⁵ 36	13 ¹¹ 39	21 ¹¹ 59	21 ¹⁷ 53	18 ¹² 27	18 ¹² 42	22 ¹² 10	22 ²² 38	S 31