



Astrodienst Ephemeris Tables for the year 1508

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 1508

geocentric

JANUARY 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 16 2	19°30'31	27°26	4°14	18°43	28°46	13°32	12°R21	24°34	1°48	13°21	10°34	10°23	15°8	5°27	S 1
S 2	7 19 59	20°31'39	11°349	5°50	19°59	29° 1	13°41	12°19	24°36	1°50	13°23	10°R44	10°20	15°11	5°28	S 2
M 3	7 23 55	21°32'46	25°59	7°24	21°14	29°15	13°49	12°17	24°38	1°52	13°25	10°44	10°17	15°17	5°29	M 3
T 4	7 27 52	22°33'52	9°53	8°57	22°30	29°28	13°58	12°15	24°40	1°54	13°27	10°43	10°14	15°24	5°30	T 4
W 5	7 31 48	23°34'58	23°26	10°27	23°45	29°41	14° 6	12°12	24°42	1°57	13°29	10°42	10°11	15°31	5°31	W 5
T 6	7 35 45	24°36'03	6°37	11°54	25° 1	29°53	14°14	12°10	24°44	1°59	13°31	10°40	10° 7	15°37	5°31	T 6
F 7	7 39 41	25°37'07	19°27	13°18	26°16	0°5	14°22	12° 8	24°46	2° 1	13°32	10°37	10° 4	15°44	5°32	F 7
S 8	7 43 38	26°38'09	1°57	14°39	27°31	0°16	14°30	12° 5	24°48	2° 3	13°34	10°36	10° 1	15°51	5°32	S 8
S 9	7 47 35	27°39'11	14°11	15°54	28°47	0°27	14°37	12° 2	24°51	2° 6	13°36	10°34	9°58	15°57	5°32	S 9
M10	7 51 31	28°40'12	26°12	17° 5	0°22	0°37	14°45	12° 0	24°53	2° 8	13°38	10°D34	9°55	16° 4	5°R32	M10
T 11	7 55 28	29°41'11	8° 6	18° 9	1°17	0°47	14°52	11°57	24°55	2°10	13°40	10°34	9°52	16°11	5°32	T 11
W12	7 59 24	0°42'09	19°56	19° 7	2°33	0°56	14°59	11°54	24°57	2°12	13°41	10°35	9°48	16°18	5°32	W12
T 13	8 3 21	1°43'07	1°49	19°57	3°48	1° 4	15° 6	11°51	25° 0	2°15	13°43	10°36	9°45	16°24	5°32	T 13
F 14	8 7 17	2°44'03	13°48	20°39	5° 3	1°12	15°13	11°48	25° 2	2°17	13°45	10°38	9°42	16°31	5°32	F 14
S 15	8 11 14	3°44'57	25°57	21°11	6°19	1°19	15°20	11°45	25° 4	2°19	13°46	10°40	9°39	16°38	5°31	S 15
S 16	8 15 10	4°45'51	8°21	21°33	7°34	1°25	15°27	11°41	25° 7	2°22	13°48	10°R40	9°36	16°44	5°30	S 16
M17	8 19 7	5°46'43	21° 0	21°45	8°49	1°31	15°33	11°38	25° 9	2°24	13°50	10°40	9°32	16°51	5°30	M17
T 18	8 23 4	6°47'34	3°56	21°R46	10° 5	1°36	15°39	11°35	25°12	2°26	13°51	10°38	9°29	16°58	5°29	T 18
W19	8 27 0	7°48'24	17°10	21°36	11°20	1°41	15°46	11°31	25°14	2°28	13°53	10°35	9°26	17° 4	5°28	W19
T 20	8 30 57	8°49'13	0°39	21°14	12°35	1°45	15°52	11°28	25°17	2°31	13°54	10°31	9°23	17°11	5°27	T 20
F 21	8 34 53	9°50'00	14°22	20°42	13°50	1°48	15°58	11°24	25°20	2°33	13°56	10°26	9°20	17°18	5°26	F 21
S 22	8 38 50	10°50'47	28°16	20° 1	15° 6	1°50	16° 3	11°20	25°22	2°35	13°57	10°22	9°17	17°24	5°24	S 22
S 23	8 42 46	11°51'32	12°18	19°10	16°21	1°52	16° 9	11°16	25°25	2°37	13°59	10°18	9°13	17°31	5°23	S 23
M24	8 46 43	12°52'16	26°24	18°12	17°36	1°53	16°14	11°13	25°28	2°40	14° 0	10°15	9°10	17°38	5°21	M24
T 25	8 50 39	13°53'00	10°33	17° 8	18°51	1°R53	16°20	11° 9	25°30	2°42	14° 1	10°D14	9° 7	17°45	5°20	T 25
W26	8 54 36	14°53'42	24°42	16° 0	20° 6	1°53	16°25	11° 5	25°33	2°44	14° 3	10°14	9° 4	17°51	5°18	W26
T 27	8 58 33	15°54'23	8°50	14°50	21°22	1°51	16°30	11° 1	25°36	2°46	14° 4	10°16	9° 1	17°58	5°16	T 27
F 28	9 2 29	16°55'04	22°56	13°39	22°37	1°49	16°34	10°57	25°39	2°49	14° 5	10°17	8°58	18° 5	5°14	F 28
S 29	9 6 26	17°55'43	6°57	12°31	23°52	1°47	16°39	10°52	25°42	2°51	14° 7	10°R18	8°54	18°11	5°12	S 29
S 30	9 10 22	18°56'21	20°51	11°25	25° 7	1°43	16°43	10°48	25°45	2°53	14° 8	10°18	8°51	18°18	5°10	S 30
M31	9 14 19	19°56'57	4°36	10°25	26°22	1°39	16°48	10°44	25°47	2°55	14° 9	10°315	8°48	18°25	5°8	M31

Delta T = 274.11 sec

Julian Calendar 1 Jan. 1508 == Greg. Calendar 11 Jan. 1508

FEBRUARY 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	9 18 15	20°57'32	18° 9	9°R30	27°37	1°R34	16°52	10°R40	25°53	2°57	14°10	10°R11	8°345	18°331	5°R 5	T 1
W 2	9 22 12	21°58'05	1°27	8°42	28°52	1°28	16°56	10°35	25°53	3° 0	14°11	10°3 5	8°42	18°38	5°2	W 2
T 3	9 26 8	22°58'37	14°30	8° 1	0°47	1°21	17° 0	10°31	25°56	3° 2	14°12	9°57	8°38	18°45	5° 0	T 3
F 4	9 30 5	23°59'07	27°15	7°27	1°22	1°14	17° 3	10°26	25°59	3° 4	14°14	9°49	8°35	18°51	4°57	F 4
S 5	9 34 2	24°59'35	9°44	7° 1	2°37	1° 5	17° 6	10°22	26° 2	3° 6	14°15	9°41	8°32	18°58	4°55	S 5
S 6	9 37 58	26° 0'01	21°58	6°42	3°52	0°56	17°10	10°17	26° 5	3° 8	14°16	9°34	8°29	19° 5	4°52	S 6
M 7	9 41 55	27° 0'26	4° 0	6°31	5° 7	0°46	17°13	10°13	26° 9	3°10	14°17	9°29	8°26	19°12	4°49	M 7
T 8	9 45 51	28° 0'48	15°53	6°D27	6°22	0°36	17°16	10° 8	26°12	3°13	14°18	9°26	8°23	19°18	4°46	T 8
W 9	9 49 48	29° 1'09	27°43	6°30	7°37	0°25	17°18	10° 3	26°15	3°15	14°19	9°D25	8°19	19°25	4°42	W 9
T 10	9 53 44	0°41'27	9°35	6°39	8°52	0°12	17°21	9°59	26°18	3°17	14°19	9°26	8°16	19°32	4°39	T 10
F 11	9 57 41	1° 1'44	21°34	6°54	10° 7	29°59	17°23	9°54	26°21	3°19	14°20	9°27	8°13	19°38	4°36	F 11
S 12	10 1 37	2° 1'59	3°44	7°14	11°22	29°46	17°25	9°49	26°24	3°21	14°21	9°R28	8°10	19°45	4°32	S 12
S 13	10 5 34	3° 2'11	16°11	7°40	12°37	29°32	17°27	9°45	26°27	3°23	14°22	9°28	8° 7	19°52	4°29	S 13
M14	10 9 31	4° 2'22	28°59	8°11	13°52	29°17	17°29	9°40	26°31	3°25	14°23	9°26	8° 3	19°58	4°25	M14
T 15	10 13 27	5° 2'30	12° 9	8°47	15° 7	29° 1	17°31	9°35	26°34	3°27	14°23	9°22	8° 0	20° 5	4°22	T 15
W16	10 17 24	6° 2'37	25°42	9°27	16°21	28°45	17°32	9°30	26°37	3°29	14°24	9°15	7°57	20°12	4°18	W16
T 17	10 21 20	7° 2'42	9°36	10°10	17°36	28°27	17°33	9°26	26°40	3°31	14°25	9° 6	7°54	20°18	4°14	T 17
F 18	10 25 17	8° 2'44	23°47	10°58	18°51	28°10	17°34	9°21	26°44	3°33	14°26	8°57	7°51	20°25	4°10	F 18
S 19	10 29 13	9° 2'45	8°10	11°48	20° 6	27°52	17°35	9°16	26°47	3°35	14°26	8°47	7°48	20°32	4° 6	S 19
S 20	10 33 10	10° 2'44	22°39	12°42	21°20	27°33	17°36	9°11	26°50	3°37	14°27	8°38	7°44	20°39	4° 2	S 20
M21	10 37 6	11° 2'42	7° 7	13°39	22°35	27°13	17°36	9° 7	26°54	3°39	14°27	8°32	7°41	20°45	3°58	M21
T 22	10 41 3	12° 2'38	21°29	14°39	23°50	26°53	17°36	9° 2	26°57	3°41	14°28	8°28	7°38	20°52	3°54	T 22
W23	10 45 0	13° 2'32	5°42	15°41	25° 4	26°33	17°R37	8°57	27° 0	3°43	14°28	8°26	7°35	20°59	3°50	W23
T 24	10 48 56	14° 2'25	19°45	16°46	26°19	26°12	17°36	8°52	27° 4	3°44	14°29	8°D26	7°32	21° 5	3°46	T 24
F 25	10 52 53	15° 2'16	3°36	17°53	27°34	25°50	17°36	8°48	27° 7	3°46	14°29	8°R26	7°29	21°12	3°41	F 25
S 26	10 56 49	16° 2'05	17°16	19° 2	28°48	25°29	17°36	8°43	27°10	3°48	14°29	8°26	7°25	21°19	3°37	S 26
S 27	11 0 46	17° 1'53	0°46	20°14	0°Y 3	25° 6	17°35	8°38	27°14	3°50	14°30	8°24	7°22	21°25	3°32	S 27
M28	11 4 42	18° 1'38	14° 5	21°27	1°17	24°44	17°34	8°33	27°17	3°52	14°30	8°19	7°19	21°32	3°28	M28
T 29	11 8 39	19° 1'22	27°14	22°42	2°Y32	24°21	17°33	8°29	27°21	3°53	14°30	8°12	7°16	21°39	3°24	T 29

Delta T = 273.93 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1508

geocentric

MARCH 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	11 12 35	20 ^h 10'	10 ^h 12'	23 ^h 59'	3 ^h 46'	23 ^h 58'	17 ^h 32'	8 ^h 24'	27 ^h 24'	3 ^h 55'	14 ^h 31'	8 ^h 1'	7 ^h 13'	21 ^h 45'	3 ^h 19'	W 1
T 2	11 16 32	21 ^h 04'	22 ^h 57'	25 ^h 18'	5 ^h 1'	23 ^h 35'	17 ^h 31'	8 ^h 19'	27 ^h 27'	3 ^h 57'	14 ^h 31'	7 ^h 49'	7 ^h 9'	21 ^h 52'	3 ^h 14'	T 2
F 3	11 20 29	22 ^h 02'	5 ^h 30'	26 ^h 39'	6 ^h 15'	23 ^h 12'	17 ^h 29'	8 ^h 15'	27 ^h 31'	3 ^h 58'	14 ^h 31'	7 ^h 36'	7 ^h 6'	21 ^h 59'	3 ^h 10'	F 3
S 4	11 24 25	22 ^h 59'57"	17 ^h 51'	28 ^h 1'	7 ^h 30'	22 ^h 48'	17 ^h 27'	8 ^h 10'	27 ^h 34'	4 ^h 0'	14 ^h 31'	7 ^h 23'	7 ^h 3'	22 ^h 5'	3 ^h 5'	S 4
S 5	11 28 22	23 ^h 59'31"	29 ^h 59'	29 ^h 24'	8 ^h 44'	22 ^h 25'	17 ^h 25'	8 ^h 6'	27 ^h 38'	4 ^h 2'	14 ^h 31'	7 ^h 11'	7 ^h 0'	22 ^h 12'	3 ^h 0'	S 5
M 6	11 32 18	24 ^h 59'03"	11 ^h 59'	0 ^h 50'	9 ^h 58'	22 ^h 1'	17 ^h 23'	8 ^h 1'	27 ^h 41'	4 ^h 3'	14 ^h 31'	7 ^h 1'	6 ^h 57'	22 ^h 19'	2 ^h 56'	M 6
T 7	11 36 15	25 ^h 58'32"	23 ^h 50'	2 ^h 16'	11 ^h 13'	21 ^h 38'	17 ^h 21'	7 ^h 57'	27 ^h 45'	4 ^h 5'	14 ^h 31'	6 ^h 55'	6 ^h 54'	22 ^h 25'	2 ^h 51'	T 7
W 8	11 40 11	26 ^h 57'59"	5 ^h 39'	3 ^h 45'	12 ^h 27'	21 ^h 14'	17 ^h 18'	7 ^h 52'	27 ^h 48'	4 ^h 7'	14 ^h 31'	6 ^h 51'	6 ^h 50'	22 ^h 32'	2 ^h 46'	W 8
T 9	11 44 8	27 ^h 57'24"	17 ^h 29'	5 ^h 14'	13 ^h 41'	20 ^h 51'	17 ^h 15'	7 ^h 48'	27 ^h 51'	4 ^h 8'	14 ^h 31'	6 ^h 49'	6 ^h 47'	22 ^h 39'	2 ^h 42'	T 9
F 10	11 48 4	28 ^h 56'46"	29 ^h 26'	6 ^h 45'	14 ^h 55'	20 ^h 28'	17 ^h 13'	7 ^h 44'	27 ^h 55'	4 ^h 10'	14 ^h 31'	6 ^h 49'	6 ^h 44'	22 ^h 46'	2 ^h 37'	F 10
S 11	11 52 1	29 ^h 56'06"	11 ^h 53'	8 ^h 18'	16 ^h 10'	20 ^h 5'	17 ^h 10'	7 ^h 40'	27 ^h 58'	4 ^h 11'	14 ^h 31'	6 ^h 49'	6 ^h 41'	22 ^h 52'	2 ^h 32'	S 11
S 12	11 55 57	0 ^h 55'24"	24 ^h 0'	9 ^h 52'	17 ^h 24'	19 ^h 43'	17 ^h 6'	7 ^h 35'	28 ^h 2'	4 ^h 12'	14 ^h 31'	6 ^h 48'	6 ^h 38'	22 ^h 59'	2 ^h 27'	S 12
M13	11 59 54	1 ^h 54'39"	6 ^h 49'	11 ^h 27'	18 ^h 38'	19 ^h 20'	17 ^h 3'	7 ^h 31'	28 ^h 5'	4 ^h 14'	14 ^h 31'	6 ^h 45'	6 ^h 35'	23 ^h 6'	2 ^h 22'	M13
T 14	12 3 51	2 ^h 53'52"	20 ^h 3'	13 ^h 4'	19 ^h 52'	18 ^h 59'	16 ^h 59'	7 ^h 27'	28 ^h 9'	4 ^h 15'	14 ^h 31'	6 ^h 40'	6 ^h 31'	23 ^h 12'	2 ^h 18'	T 14
W15	12 7 47	3 ^h 53'03"	3 ^h 45'	14 ^h 42'	21 ^h 6'	18 ^h 37'	16 ^h 56'	7 ^h 23'	28 ^h 12'	4 ^h 17'	14 ^h 30'	6 ^h 32'	6 ^h 28'	23 ^h 19'	2 ^h 13'	W15
T 16	12 11 44	4 ^h 52'11"	17 ^h 53'	16 ^h 22'	22 ^h 20'	18 ^h 16'	16 ^h 52'	7 ^h 19'	28 ^h 15'	4 ^h 18'	14 ^h 30'	6 ^h 22'	6 ^h 25'	23 ^h 26'	2 ^h 8'	T 16
F 17	12 15 40	5 ^h 51'18"	2 ^h 24'	18 ^h 3'	23 ^h 34'	17 ^h 55'	16 ^h 48'	7 ^h 15'	28 ^h 19'	4 ^h 19'	14 ^h 30'	6 ^h 11'	6 ^h 22'	23 ^h 32'	2 ^h 3'	F 17
S 18	12 19 37	6 ^h 50'22"	17 ^h 12'	19 ^h 45'	24 ^h 48'	17 ^h 35'	16 ^h 43'	7 ^h 11'	28 ^h 22'	4 ^h 21'	14 ^h 30'	5 ^h 59'	6 ^h 19'	23 ^h 39'	1 ^h 59'	S 18
S 19	12 23 33	7 ^h 49'24"	2 ^h 6'	21 ^h 29'	26 ^h 2'	17 ^h 15'	16 ^h 39'	7 ^h 8'	28 ^h 26'	4 ^h 22'	14 ^h 29'	5 ^h 48'	6 ^h 15'	23 ^h 46'	1 ^h 54'	S 19
M20	12 27 30	8 ^h 48'25"	16 ^h 59'	23 ^h 14'	27 ^h 16'	16 ^h 56'	16 ^h 34'	7 ^h 4'	28 ^h 29'	4 ^h 23'	14 ^h 29'	5 ^h 40'	6 ^h 12'	23 ^h 52'	1 ^h 49'	M20
T 21	12 31 26	9 ^h 47'23"	1 ^h 43'	25 ^h 1'	28 ^h 30'	16 ^h 38'	16 ^h 30'	7 ^h 0'	28 ^h 32'	4 ^h 24'	14 ^h 28'	5 ^h 35'	6 ^h 9'	23 ^h 59'	1 ^h 44'	T 21
W22	12 35 23	10 ^h 46'20"	16 ^h 11'	26 ^h 49'	29 ^h 43'	16 ^h 20'	16 ^h 25'	6 ^h 57'	28 ^h 36'	4 ^h 26'	14 ^h 28'	5 ^h 32'	6 ^h 6'	24 ^h 6'	1 ^h 40'	W22
T 23	12 39 20	11 ^h 45'15"	0 ^h 32'	28 ^h 39'	0 ^h 57'	16 ^h 3'	16 ^h 20'	6 ^h 53'	28 ^h 39'	4 ^h 27'	14 ^h 28'	5 ^h 31'	6 ^h 3'	24 ^h 12'	1 ^h 35'	T 23
F 24	12 43 16	12 ^h 44'09"	14 ^h 13'	0 ^h 30'	2 ^h 11'	15 ^h 46'	16 ^h 15'	6 ^h 50'	28 ^h 43'	4 ^h 28'	14 ^h 27'	5 ^h 31'	6 ^h 0'	24 ^h 19'	1 ^h 30'	F 24
S 25	12 47 13	13 ^h 43'00"	27 ^h 46'	2 ^h 23'	3 ^h 25'	15 ^h 30'	16 ^h 9'	6 ^h 46'	28 ^h 46'	4 ^h 29'	14 ^h 27'	5 ^h 30'	5 ^h 56'	24 ^h 26'	1 ^h 26'	S 25
S 26	12 51 9	14 ^h 41'50"	11 ^h 3'	4 ^h 17'	4 ^h 39'	15 ^h 15'	16 ^h 4'	6 ^h 43'	28 ^h 49'	4 ^h 30'	14 ^h 26'	5 ^h 28'	5 ^h 53'	24 ^h 32'	1 ^h 21'	S 26
M27	12 55 6	15 ^h 40'38"	24 ^h 5'	6 ^h 13'	5 ^h 52'	15 ^h 0'	15 ^h 58'	6 ^h 40'	28 ^h 53'	4 ^h 31'	14 ^h 25'	5 ^h 24'	5 ^h 50'	24 ^h 39'	1 ^h 17'	M27
T 28	12 59 2	16 ^h 39'25"	6 ^h 54'	8 ^h 10'	7 ^h 6'	14 ^h 46'	15 ^h 53'	6 ^h 37'	28 ^h 56'	4 ^h 32'	14 ^h 25'	5 ^h 16'	5 ^h 47'	24 ^h 46'	1 ^h 12'	T 28
W29	13 2 59	17 ^h 38'09"	19 ^h 33'	10 ^h 9'	8 ^h 19'	14 ^h 33'	15 ^h 47'	6 ^h 34'	28 ^h 59'	4 ^h 33'	14 ^h 24'	5 ^h 6'	5 ^h 44'	24 ^h 52'	1 ^h 8'	W29
T 30	13 6 55	18 ^h 36'52"	2 ^h 0'	12 ^h 9'	9 ^h 33'	14 ^h 21'	15 ^h 41'	6 ^h 31'	29 ^h 2'	4 ^h 34'	14 ^h 23'	4 ^h 53'	5 ^h 40'	24 ^h 59'	1 ^h 3'	T 30
F 31	13 10 52	19 ^h 35'32"	14 ^h 18'	14 ^h 10'	10 ^h 47'	14 ^h 17'	15 ^h 35'	6 ^h 28'	29 ^h 6'	4 ^h 35'	14 ^h 23'	4 ^h 40'	5 ^h 37'	25 ^h 8'	0 ^h 59'	F 31

Delta T = 273.75 sec

Julian Calendar 1 March 1508 == Greg. Calendar 11 March 1508

APRIL 1508 JC

00:00 UT

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

ASTRODIENST EPHEMERIS for the year 1508

geocentric

MAY 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	15 13 5	19°38'57	29°8 7	11°37	18°27	14°28	11°R50	5°48	0°37	4°R47	13°R48	2°R 6	3°59	28°33	29°R18	M 1
T 2	15 17 2	20°36'43	10°II55	12°44	19°39	14°39	11°R43	5°48	0°39	4°47	13°47	2°2	3°56	28°39	29°R17	T 2
W 3	15 20 58	21°34'28	22°43	13°46	20°51	14°51	11°35	5°48	0°42	4°47	13°46	2°0	3°52	28°46	29°15	W 3
T 4	15 24 55	22°32'10	4°35	14°44	22°4	15°4	11°28	5°49	0°44	4°47	13°44	1°D59	3°49	28°53	29°13	T 4
F 5	15 28 51	23°29'52	16°33	15°38	23°16	15°17	11°20	5°50	0°46	4°46	13°43	2°0	3°46	28°59	29°12	F 5
S 6	15 32 48	24°27'32	28°43	16°28	24°28	15°31	11°13	5°50	0°49	4°46	13°41	2°2	3°43	29°6	29°11	S 6
S 7	15 36 45	25°25'10	11°R 7	17°14	25°40	15°45	11°6	5°51	0°51	4°46	13°40	2°3	3°40	29°13	29°9	S 7
M 8	15 40 41	26°22'47	23°51	17°55	26°52	16°0	10°59	5°52	0°53	4°46	13°38	2°R 4	3°37	29°19	29°8	M 8
T 9	15 44 38	27°20'22	6°58	18°31	28°4	16°16	10°52	5°53	0°56	4°45	13°37	2°4	3°33	29°26	29°7	T 9
W10	15 48 34	28°17'56	20°31	19°4	29°15	16°31	10°45	5°54	0°58	4°45	13°35	2°2	3°30	29°33	29°6	W10
T 11	15 52 31	29°15'28	4°33	19°31	0°27	16°48	10°38	5°56	1°0	4°44	13°34	1°59	3°27	29°39	29°5	T 11
F 12	15 56 27	0°II12'59	19°2	19°54	1°39	17°5	10°31	5°57	1°2	4°44	13°32	1°55	3°24	29°46	29°5	F 12
S 13	16 0 24	1°10'28	3°II54	20°13	2°51	17°22	10°24	5°58	1°4	4°43	13°31	1°50	3°21	29°53	29°4	S 13
S 14	16 4 20	2°7'57	19°2	20°26	4°2	17°40	10°17	6°0	1°6	4°43	13°29	1°46	3°17	29°59	29°4	S 14
M15	16 8 17	3°5'24	4°17	20°35	5°14	17°58	10°11	6°2	1°8	4°42	13°27	1°43	3°14	0°II6	29°3	M15
T 16	16 12 14	4°2'50	19°28	20°R40	6°25	18°17	10°4	6°3	1°10	4°42	13°26	1°42	3°11	0°13	29°3	T 16
W17	16 16 10	5°0'16	4°37	20°39	7°37	18°36	9°58	6°5	1°12	4°41	13°24	1°D41	3°8	0°19	29°3	W17
T 18	16 20 7	5°57'41	19°5	20°35	8°48	18°55	9°52	6°7	1°14	4°41	13°23	1°42	3°5	0°26	29°D 3	T 18
F 19	16 24 3	6°55'04	3°18	20°26	9°59	19°15	9°46	6°9	1°16	4°40	13°21	1°43	3°2	0°33	29°3	F 19
S 20	16 28 0	7°52'28	17°5	20°12	11°11	19°35	9°39	6°11	1°18	4°39	13°20	1°45	2°58	0°39	29°3	S 20
S 21	16 31 56	8°49'50	0°II26	19°55	12°22	19°56	9°34	6°14	1°20	4°39	13°18	1°46	2°55	0°46	29°3	S 21
M22	16 35 53	9°47'12	13°24	19°35	13°33	20°17	9°28	6°16	1°21	4°38	13°16	1°R46	2°52	0°53	29°4	M22
T 23	16 39 49	10°44'33	26°1	19°11	14°44	20°39	9°22	6°18	1°23	4°37	13°15	1°45	2°49	0°59	29°4	T 23
W24	16 43 46	11°41'54	8°Y22	18°44	15°55	21°1	9°17	6°21	1°25	4°36	13°13	1°43	2°46	1°6	29°5	W24
T 25	16 47 43	12°39'14	20°30	18°14	17°6	21°23	9°11	6°24	1°26	4°36	13°12	1°41	2°43	1°13	29°6	T 25
F 26	16 51 39	13°36'34	2°28	17°43	18°17	21°45	9°6	6°26	1°28	4°35	13°10	1°38	2°39	1°19	29°7	F 26
S 27	16 55 36	14°33'53	14°21	17°10	19°28	22°8	9°1	6°29	1°29	4°34	13°8	1°35	2°36	1°26	29°8	S 27
S 28	16 59 32	15°31'12	26°10	16°37	20°39	22°32	8°56	6°32	1°31	4°33	13°7	1°33	2°33	1°33	29°9	S 28
M29	17 3 29	16°28'30	7°II58	16°3	21°49	22°55	8°51	6°35	1°32	4°32	13°5	1°31	2°30	1°39	29°10	M29
T 30	17 7 25	17°25'48	19°47	15°29	23°0	23°20	8°46	6°38	1°34	4°31	13°4	1°30	2°27	1°46	29°11	T 30
W31	17 11 22	18°II23'05	1°41	14°II57	24°II1	23°44	8°II42	6°41	1°Y35	4°30	13°2	1°D30	2°23	1°II53	29°13	W31

Delta T = 273.38 sec

Julian Calendar 1 May 1508 == Greg. Calendar 11 May 1508

JUNE 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 15 18	19°II20'22	13°40	14°R25	25°21	24°9	8°R38	6°45	1°Y36	4°R29	13°R 1	1°30	2°20	1°II59	29°15	T 1
F 2	17 19 15	20°17'38	25°47	13°II56	26°32	24°34	8°II33	6°48	1°38	4°28	12°59	1°31	2°17	2°6	29°16	F 2
S 3	17 23 12	21°14'53	8°R 5	13°29	27°42	24°59	8°29	6°52	1°39	4°27	12°57	1°32	2°14	2°13	29°18	S 3
S 4	17 27 8	22°12'08	20°37	13°5	28°52	25°25	8°25	6°55	1°40	4°26	12°56	1°33	2°11	2°19	29°20	S 4
M 5	17 31 5	23°9'21	3°II25	12°44	0°R 3	25°51	8°22	6°59	1°41	4°25	12°54	1°33	2°8	2°26	29°22	M 5
T 6	17 35 1	24°6'35	16°33	12°27	1°13	26°17	8°18	7°2	1°42	4°24	12°53	1°34	2°4	2°33	29°24	T 6
W 7	17 38 58	25°3'47	0°R 2	12°14	2°23	26°43	8°15	7°6	1°43	4°22	12°51	1°R34	2°1	2°39	29°26	W 7
T 8	17 42 54	26°0'59	13°55	12°5	3°33	27°10	8°12	7°10	1°44	4°21	12°50	1°34	1°58	2°46	29°29	T 8
F 9	17 46 51	26°58'10	28°10	12°D 1	4°43	27°37	8°9	7°14	1°45	4°20	12°48	1°33	1°55	2°53	29°31	F 9
S 10	17 50 47	27°55'21	12°II47	12°1	5°52	28°5	8°6	7°18	1°46	4°19	12°47	1°33	1°52	2°59	29°34	S 10
S 11	17 54 44	28°52'32	27°40	12°6	7°2	28°32	8°3	7°22	1°47	4°18	12°45	1°33	1°49	3°6	29°36	S 11
M12	17 58 41	29°49'42	12°47	12°16	8°12	29°0	8°1	7°26	1°47	4°16	12°43	1°32	1°45	3°13	29°39	M12
T 13	18 2 37	0°46'52	27°46	12°30	9°21	29°28	7°58	7°31	1°48	4°15	12°41	1°D32	1°42	3°19	29°42	T 13
W14	18 6 34	1°44'01	12°42	12°50	10°31	29°57	7°56	7°35	1°49	4°14	12°41	1°R32	1°39	3°26	29°45	W14
T 15	18 10 30	2°41'11	27°23	13°14	11°40	0°25	7°54	7°40	1°49	4°13	12°39	1°32	1°36	3°33	29°48	T 15
F 16	18 14 27	3°38'21	11°43	13°43	12°49	0°54	7°52	7°44	1°50	4°11	12°38	1°32	1°33	3°39	29°51	F 16
S 17	18 18 23	4°35'31	25°37	14°17	13°58	1°24	7°51	7°49	1°51	4°10	12°36	1°32	1°29	3°46	29°55	S 17
S 18	18 22 20	5°32'41	9°II6	14°56	15°7	1°53	7°49	7°53	1°51	4°9	12°35	1°32	1°26	3°53	29°58	S 18
M19	18 26 16	6°29'51	22°8	15°40	16°16	2°23	7°48	7°58	1°52	4°7	12°33	1°31	1°23	3°59	0°R 1	M19
T 20	18 30 13	7°27'02	4°Y49	16°28	17°25	2°52	7°47	8°3	1°52	4°6	12°32	1°D31	1°20	4°6	0°5	T 20
W21	18 34 10	8°24'13	17°10	17°21	18°34	3°23	7°46	8°8	1°52	4°4	12°30	1°31	1°17	4°13	0°9	W21
T 22	18 38 6	9°21'24	29°16	18°19	19°42	3°53	7°45	8°13	1°53	4°3	12°29	1°32	1°14	4°19	0°13	T 22
F 23	18 42 3	10°18'36	11°II12	19°21	20°51	4°23	7°45	8°18	1°53	4°1	12°28	1°32	1°10	4°26	0°16	F 23
S 24	18 45 59	11°15'48	23°2	20°28	21°59	4°54	7°44	8°23	1°53	4°0	12°26	1°33	1°7	4°33	0°20	S 24
S 25	18 49 56	12°13'01	4°II50	21°39	23°8	5°25	7°D44	8°28	1°53	3°59	12°25	1°34	1°4	4°39	0°25	S 25
M26	18 53 52	13°10'14	16°39	22°54	24°16	5°56	7°44	8°33	1°53	3°57	12°24	1°35	1°1	4°46	0°29	M26
T 27	18 57 49	14°7'28	28°33	24°14	25°24	6°28	7°44	8°39	1°53	3°56	12°22	1°R35	0°58	4°53	0°33	T 27
W28	19 1 46	15°4'42	10°35	25°38	26°32	6°59	7°45	8°44	1°R53	3°54	12°21	1°35	0°55	4°59	0°37	W28
T 29	19 5 42	16°1'57	22°45	27°6	27°40	7°31	7°45	8°50	1°53	3°52	12°20	1°34	0°51	5°6	0°42	T 29
F 30	19 9 39	16°59'11	5°R 7	28°II38	28°47	8°3	7°II46	8°55	1°Y53	3°51	12°19	1°33	0°48	5°II13	0°47	F 30

Delta T = 273.19 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1508

geocentric

JULY 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 13 35	17°56'26	17°41	0°514	29°155	8°35	7°47	9°1	1°R53	3°R49	12°R17	1°R31	0°345	5°II19	0°51	S 1
S 2	19 17 32	18°53'42	0°28	1°53	1°3	9° 8	7°48	9° 6	1°V53	3°48	12°16	1°328	0°42	5°26	0°56	S 2
M 3	19 21 28	19°50'57	13°29	3°37	2°10	9°40	7°49	9°12	1°53	3°46	12°15	1°26	0°39	5°33	1° 1	M 3
T 4	19 25 25	20°48'13	26°46	5°23	3°17	10°13	7°51	9°18	1°52	3°45	12°14	1°24	0°35	5°39	1° 6	T 4
W 5	19 29 21	21°45'29	10°18	7°13	4°24	10°46	7°52	9°24	1°52	3°43	12°13	1°23	0°32	5°46	1°11	W 5
T 6	19 33 18	22°42'46	24° 7	9° 6	5°31	11°19	7°54	9°29	1°52	3°42	12°12	1°D22	0°29	5°53	1°16	T 6
F 7	19 37 15	23°40'03	8°12	11° 2	6°38	11°53	7°56	9°35	1°51	3°40	12°11	1°23	0°26	5°59	1°21	F 7
S 8	19 41 11	24°37'20	22°31	13° 0	7°44	12°26	7°58	9°41	1°51	3°38	12° 9	1°24	0°23	6° 6	1°26	S 8
S 9	19 45 8	25°34'38	7°3	15° 0	8°51	13° 0	8° 1	9°47	1°50	3°37	12° 8	1°25	0°20	6°13	1°32	S 9
M10	19 49 4	26°31'56	21°44	17° 2	9°57	13°34	8° 3	9°54	1°50	3°35	12° 7	1°26	0°16	6°19	1°37	M10
T 11	19 53 1	27°29'15	6°27	19° 5	11° 3	14° 8	8° 6	10° 0	1°49	3°34	12° 6	1°R26	0°13	6°26	1°43	T 11
W12	19 56 57	28°26'34	21° 7	21°10	12° 9	14°42	8° 9	10° 6	1°48	3°32	12° 5	1°25	0°10	6°33	1°48	W12
T 13	20 0 54	29°23'54	5°38	23°15	13°15	15°17	8°12	10°12	1°48	3°30	12° 5	1°23	0° 7	6°39	1°54	T 13
F 14	20 4 50	0°21'15	19°52	25°21	14°20	15°51	8°15	10°18	1°47	3°29	12° 4	1°19	0° 4	6°46	2° 0	F 14
S 15	20 8 47	1°18'37	3°45	27°27	15°25	16°26	8°18	10°25	1°46	3°27	12° 3	1°15	0° 1	6°53	2° 6	S 15
S 16	20 12 44	2°16'00	17°15	29°32	16°31	17° 1	8°22	10°31	1°45	3°25	12° 2	1°10	29°57	6°59	2°12	S 16
M17	20 16 40	3°13'24	0°21	1°38	17°36	17°36	8°25	10°38	1°44	3°24	12° 1	1° 6	29°54	7° 6	2°18	M17
T 18	20 20 37	4°10'49	13° 3	3°43	18°40	18°11	8°29	10°44	1°43	3°22	12° 0	1° 3	29°51	7°13	2°24	T 18
W19	20 24 33	5° 8'15	25°26	5°47	19°45	18°46	8°33	10°51	1°42	3°21	11°59	1° 1	29°48	7°19	2°30	W19
T 20	20 28 30	6° 5'43	7°33	7°50	20°49	19°22	8°38	10°57	1°41	3°19	11°59	1°D 1	29°45	7°26	2°36	T 20
F 21	20 32 26	7° 3'12	19°29	9°52	21°53	19°57	8°42	11° 4	1°40	3°17	11°58	1° 1	29°41	7°32	2°43	F 21
S 22	20 36 23	8° 0'42	1°19	11°53	22°57	20°33	8°46	11°10	1°39	3°16	11°57	1° 3	29°38	7°39	2°49	S 22
S 23	20 40 19	8°58'14	13° 7	13°53	24° 1	21° 9	8°51	11°17	1°38	3°14	11°56	1° 5	29°35	7°46	2°55	S 23
M24	20 44 16	9°55'47	25° 0	15°51	25° 5	21°45	8°56	11°24	1°37	3°12	11°56	1°R 6	29°32	7°52	3° 2	M24
T 25	20 48 13	10°53'21	6°59	17°48	26° 8	22°22	9° 1	11°31	1°36	3°11	11°55	1° 6	29°29	7°59	3° 9	T 25
W26	20 52 9	11°50'57	19°10	19°44	27°11	22°58	9° 6	11°38	1°34	3° 9	11°55	1° 4	29°26	8° 6	3°15	W26
T 27	20 56 6	12°48'34	1°34	21°38	28°14	23°35	9°11	11°44	1°33	3° 8	11°54	1° 1	29°22	8°12	3°22	T 27
F 28	21 0 2	13°46'12	14°13	23°31	29°16	24°11	9°17	11°51	1°32	3° 6	11°53	0°55	29°19	8°19	3°29	F 28
S 29	21 3 59	14°43'52	27° 7	25°22	0°19	24°48	9°22	11°58	1°30	3° 4	11°53	0°48	29°16	8°26	3°36	S 29
S 30	21 7 55	15°41'33	10°16	27°12	1°21	25°25	9°28	12° 5	1°29	3° 3	11°52	0°41	29°13	8°32	3°43	S 30
M31	21 11 52	16°39'14	23°39	29°1	2°22	26° 2	9°34	12°12	1°27	3° 1	11°52	0°33	29°10	8°39	3°49	M31

Delta T = 273.01 sec

Julian Calendar 1 July 1508 == Greg. Calendar 11 July 1508

AUGUST 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	21 15 48	17°36'57	7°14	0°48	3°24	26°39	9°40	12°19	1°R26	3°R 0	11°R52	0°R27	29°7	8°II46	3°57	T 1
W 2	21 19 45	18°34'42	20°59	2°33	4°25	27°17	9°46	12°26	1°V24	2°58	11°51	0°322	29° 3	8°52	4° 4	W 2
T 3	21 23 42	19°32'27	4°15	4°17	5°26	27°54	9°53	12°33	1°23	2°57	11°51	0°19	29° 0	8°59	4°11	T 3
F 4	21 27 38	20°30'13	18°56	6° 0	6°26	28°32	9°59	12°41	1°21	2°55	11°51	0°D18	28°57	9° 6	4°18	F 4
S 5	21 31 35	21°28'01	3°4	7°41	7°26	29°10	10° 6	12°48	1°19	2°53	11°50	0°18	28°54	9°12	4°25	S 5
S 6	21 35 31	22°25'50	17°18	9°21	8°26	29°48	10°13	12°55	1°18	2°52	11°50	0°19	28°51	9°19	4°33	S 6
M 7	21 39 28	23°23'40	1°36	10°59	9°26	0°126	10°19	13° 2	1°16	2°50	11°50	0°R20	28°47	9°26	4°40	M 7
T 8	21 43 24	24°21'31	15°54	12°37	10°25	1° 4	10°27	13° 9	1°14	2°49	11°50	0°19	28°44	9°32	4°48	T 8
W 9	21 47 21	25°19'24	0°10	14°12	11°24	1°42	10°34	13°16	1°12	2°47	11°49	0°16	28°41	9°39	4°55	W 9
T 10	21 51 17	26°17'18	14°19	15°47	12°22	2°21	10°41	13°24	1°11	2°46	11°49	0°10	28°38	9°46	5° 3	T 10
F 11	21 55 14	27°15'13	28°16	17°20	13°20	2°59	10°48	13°31	1° 9	2°45	11°49	0° 2	28°35	9°52	5°10	F 11
S 12	21 59 11	28°13'10	11°57	18°52	14°17	3°38	10°56	13°38	1° 7	2°43	11°49	29°53	28°32	9°59	5°18	S 12
S 13	22 3 7	29°11'09	25°19	20°22	15°14	4°17	11° 4	13°46	1° 5	2°42	11°49	29°43	28°28	10° 6	5°26	S 13
M14	22 7 4	0°9'09	8°21	21°51	16°11	4°55	11°12	13°53	1° 3	2°40	11°D49	29°33	28°25	10°12	5°33	M14
T 15	22 11 0	1° 7'11	21° 2	23°19	17° 7	5°34	11°20	14° 0	1° 1	2°39	11°49	29°25	28°22	10°19	5°41	T 15
W16	22 14 57	2° 5'15	3°24	24°45	18° 3	6°14	11°28	14° 8	0°59	2°38	11°49	29°19	28°19	10°25	5°49	W16
T 17	22 18 53	3° 3'21	15°31	26°10	18°58	6°53	11°36	14°15	0°57	2°36	11°49	29°16	28°16	10°32	5°57	T 17
F 18	22 22 50	4° 1'30	27°26	27°34	19°53	7°32	11°44	14°23	0°55	2°35	11°49	29°14	28°13	10°39	6° 5	F 18
S 19	22 26 46	4°59'40	9°16	28°56	20°47	8°12	11°53	14°30	0°53	2°33	11°49	29°D14	28° 9	10°45	6°13	S 19
S 20	22 30 43	5°57'52	21° 5	0°17	21°41	8°51	12° 1	14°37	0°51	2°32	11°50	29°14	28° 6	10°52	6°21	S 20
M21	22 34 40	6°56'06	2°59	1°36	22°34	9°31	12°10	14°45	0°49	2°31	11°50	29°R14	28° 3	10°59	6°29	M21
T 22	22 38 36	7°54'22	15° 2	2°53	23°26	10°11	12°19	14°52	0°46	2°30	11°50	29°13	28° 0	11° 5	6°37	T 22
W23	22 42 33	8°52'41	27°19	4° 9	24°18	10°51	12°28	15° 0	0°44	2°28	11°50	29°10	27°57	11°12	6°45	W23
T 24	22 46 29	9°51'01	9°54	5°24	25° 9	11°31	12°37	15° 7	0°42	2°27	11°51	29° 4	27°53	11°19	6°53	T 24
F 25	22 50 26	10°49'23	22°49	6°36	26° 0	12°11	12°46	15°15	0°40	2°26	11°51	28°55	27°50	11°25	7° 1	F 25
S 26	22 54 22	11°47'47	6°13	7°47	26°50	12°51	12°55	15°22	0°38	2°25	11°51	28°45	27°47	11°32	7°10	S 26
S 27	22 58 19	12°46'13	19°36	8°56	27°39	13°32	13° 4	15°30	0°35	2°24	11°52	28°33	27°44	11°39	7°18	S 27
M28	23 2 15	13°44'41	3°25	10° 3	28°28	14°12	13°14	15°37	0°33	2°23	11°52	28°22	27°41	11°45	7°26	M28
T 29	23 6 12	14°43'10	17°25	11° 7	29°15	14°53	13°23	15°45	0°31	2°21	11°53	28°11	27°38	11°52	7°35	T 29
W30	23 10 8	15°41'42	1°33	12°10	0°12	15°33	13°33	15°52	0°28	2°20	11°53	28° 3	27°34	11°59	7°43	W30
T 31	23 14 5	16°40'15	15°44	13°10	0°14	16°14	13°43	16°10	0°V26	2°19	11°54	27°57	27°31	12°II 5	7°51	T 31

Delta T = 272.82 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1508

geocentric

SEPTEMBER 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	23 18 2	17 ^h 38'50	29 ^m 55	14 [°] 7	1 ^m 34	16 ^m 55	13 ^m 53	16 ^h 7	0°R24	2°R18	11 ^h 54	27°R54	27 ^h 28	12 ^h 12	8 ^h 0	F 1
S 2	23 21 58	18°37'26	14 ^h 4	15° 2	2°18	17°36	14° 3	16°15	0°Y21	2 ^h 17	11°55	27 ^h 54	27°25	12°19	8° 8	S 2
S 3	23 25 55	19°36'04	28° 9	15°53	3° 2	18°17	14°13	16°22	0°19	2°16	11°56	27°54	27°22	12°25	8°17	S 3
M 4	23 29 51	20°34'44	12 ^h 31	16°42	3°44	18°59	14°23	16°30	0°17	2°15	11°56	27°53	27°18	12°32	8°25	M 4
T 5	23 33 48	21°33'26	26° 7	17°26	4°26	19°40	14°33	16°37	0°14	2°14	11°57	27°51	27°15	12°38	8°34	T 5
W 6	23 37 44	22°32'09	9 ^h 58	18° 8	5° 6	20°21	14°43	16°45	0°12	2°13	11°58	27°46	27°12	12°45	8°42	W 6
T 7	23 41 41	23°30'54	23°41	18°45	5°46	21° 3	14°54	16°52	0° 9	2°13	11°59	27°39	27° 9	12°52	8°51	T 7
F 8	23 45 37	24°29'41	7 ^h 14	19°17	6°24	21°44	15° 4	16°59	0° 7	2°12	11°59	27°28	27° 6	12°58	8°59	F 8
S 9	23 49 34	25°28'29	20°35	19°45	7° 1	22°26	15°15	17° 7	0° 5	2°11	12° 0	27°16	27° 3	13° 5	9° 8	S 9
S 10	23 53 31	26°27'20	3 ^h Y41	20° 8	7°37	23° 8	15°26	17°14	0° 2	2°10	12° 1	27° 3	26°59	13°12	9°17	S 10
M 11	23 57 27	27°26'13	16°31	20°25	8°11	23°50	15°37	17°22	29 ^h X59	2° 9	12° 2	26°50	26°56	13°18	9°25	M 11
T 12	0 1 24	28°25'08	29° 4	20°37	8°44	24°32	15°47	17°29	29°57	2° 9	12° 3	26°39	26°53	13°25	9°34	T 12
W 13	0 5 20	29°24'05	11 ^h 821	20°R41	9°16	25°14	15°58	17°37	29°55	2° 8	12° 4	26°30	26°50	13°32	9°43	W 13
T 14	0 9 17	0 ^h 23'04	23°25	20°40	9°46	25°56	16° 9	17°44	29°53	2° 7	12° 5	26°24	26°47	13°38	9°51	T 14
F 15	0 13 13	1°22'06	5 ^h II19	20°31	10°15	26°38	16°21	17°51	29°50	2° 7	12° 6	26°20	26°44	13°45	10° 0	F 15
S 16	0 17 10	2°21'10	17° 8	20°14	10°43	27°21	16°32	17°59	29°48	2° 6	12° 7	26°19	26°40	13°52	10° 9	S 16
S 17	0 21 6	3°20'16	28°56	19°50	11° 8	28° 3	16°43	18° 6	29°45	2° 5	12° 8	26°19	26°37	13°58	10°17	S 17
M 18	0 25 3	4°19'25	10 ^h 349	19°18	11°32	28°46	16°54	18°13	29°43	2° 5	12° 9	26°19	26°34	14° 5	10°26	M 18
T 19	0 29 0	5°18'36	22°52	18°38	11°55	29°28	17° 6	18°21	29°40	2° 4	12°10	26°18	26°31	14°12	10°35	T 19
W 20	0 32 56	6°17'49	5 ^h II11	17°51	12°15	0 ^h X11	17°17	18°28	29°38	2° 4	12°11	26°15	26°28	14°18	10°44	W 20
T 21	0 36 53	7°17'04	17°51	16°56	12°34	0°54	17°29	18°35	29°36	2° 3	12°13	26° 9	26°24	14°25	10°52	T 21
F 22	0 40 49	8°16'22	0 ^h II54	15°55	12°51	1°37	17°41	18°42	29°33	2° 3	12°14	26° 1	26°21	14°31	11° 1	F 22
S 23	0 44 46	9°15'42	14°22	14°49	13° 6	2°20	17°52	18°50	29°31	2° 3	12°15	25°51	26°18	14°38	11°10	S 23
S 24	0 48 42	10°15'04	28°13	13°40	13°19	3° 3	18° 4	18°57	29°28	2° 2	12°16	25°39	26°15	14°45	11°19	S 24
M 25	0 52 39	11°14'29	12 ^h 24	12°28	13°30	3°46	18°16	19° 4	29°26	2° 2	12°18	25°27	26°12	14°51	11°28	M 25
T 26	0 56 35	12°13'55	26°51	11°16	13°38	4°29	18°28	19°11	29°24	2° 2	12°19	25°17	26° 9	14°58	11°36	T 26
W 27	1 0 32	13°13'24	11 ^h III25	10° 6	13°45	5°12	18°40	19°18	29°21	2° 1	12°20	25° 8	26° 5	15° 5	11°45	W 27
T 28	1 4 28	14°12'54	26° 0	9° 0	13°49	5°56	18°52	19°25	29°19	2° 1	12°22	25° 3	26° 2	15°11	11°54	T 28
F 29	1 8 25	15°12'26	10 ^h X31	8° 0	13°R51	6°39	19° 4	19°32	29°17	2° 1	12°23	25° 0	25°59	15°18	12° 3	F 29
S 30	1 12 22	16°12'00	24 ^h X52	7 ^h 7	13 ^m 51	7 ^h X23	19 ^m 16	19 ^h 39	29 ^h X14	2 ^h 1	12 ^h X25	24°D59	25 ^h X56	15 ^h II25	12 ^h 21	S 30

Delta T = 272.63 sec

Julian Calendar 1 Sept. 1508 == Greg. Calendar 11 Sept. 1508

OCTOBER 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 16 18	17 ^h 11'36	9 ^h 3	6°R23	13°R48	8 ^h X6	19 ^m 28	19 ^h 46	29°R12	2°R1	12 ^h X26	25 ^h X0	25 ^h X53	15 ^h II31	12 ^h 20	S 1
M 2	1 20 15	18°11'14	23° 0	5 ^h 250	13 ^m 43	8°50	19°41	19°53	29 ^h X10	2 ^h 0	12°28	25°R0	25°50	15°38	12°29	M 2
T 3	1 24 11	19°10'53	6 ^h 445	5°27	13°35	9°34	19°53	20° 0	29° 8	2° 0	12°29	24°58	25°46	15°45	12°38	T 3
W 4	1 28 8	20°10'34	20°18	5°16	13°25	10°18	20° 5	20° 7	29° 5	2° 0	12°31	24°55	25°43	15°51	12°46	W 4
T 5	1 32 4	21°10'17	3 ^h X40	5°D16	13°12	11° 2	20°18	20°14	29° 3	2°D0	12°32	24°48	25°40	15°58	12°55	T 5
F 6	1 36 1	22°10'01	16°49	5°27	12°57	11°46	20°30	20°20	29° 1	2° 0	12°34	24°40	25°37	16° 5	13° 4	F 6
S 7	1 39 57	23° 9'47	29°47	5°48	12°40	12°30	20°43	20°27	28°59	2° 0	12°35	24°29	25°34	16°11	13°12	S 7
S 8	1 43 54	24° 9'35	12 ^h Y33	6°19	12°20	13°14	20°55	20°34	28°57	2° 1	12°37	24°18	25°30	16°18	13°21	S 8
M 9	1 47 51	25° 9'25	25° 6	7° 0	11°58	13°58	21° 8	20°40	28°55	2° 1	12°39	24° 7	25°27	16°24	13°30	M 9
T 10	1 51 47	26° 9'17	7 ^h 826	7°48	11°34	14°43	21°21	20°47	28°53	2° 1	12°40	23°57	25°24	16°31	13°38	T 10
W 11	1 55 44	27° 9'11	19°35	8°44	11° 8	15°27	21°33	20°54	28°51	2° 1	12°42	23°50	25°21	16°38	13°47	W 11
T 12	1 59 40	28° 9'08	1 ^h II33	9°47	10°40	16°11	21°46	21° 0	28°49	2° 1	12°44	23°45	25°18	16°44	13°56	T 12
F 13	2 3 37	29° 9'06	13°25	10°55	10°11	16°56	21°59	21° 6	28°47	2° 2	12°46	23°42	25°15	16°51	14° 4	F 13
S 14	2 7 33	0 ^h III9'06	25°11	12° 8	9°39	17°41	22°12	21°13	28°45	2° 2	12°47	23°D41	25°11	16°58	14°13	S 14
S 15	2 11 30	1° 9'09	6 ^h 358	13°26	9° 7	18°25	22°25	21°19	28°43	2° 2	12°49	23°42	25° 8	17° 4	14°21	S 15
M 16	2 15 26	2° 9'13	18°50	14°47	8°33	19°10	22°38	21°26	28°41	2° 3	12°51	23°43	25° 5	17°11	14°30	M 16
T 17	2 19 23	3° 9'20	0 ^h II51	16°11	7°58	19°55	22°51	21°32	28°39	2° 3	12°53	23°R44	25° 2	17°18	14°38	T 17
W 18	2 23 20	4° 9'29	13° 8	17°38	7°22	20°40	23° 4	21°38	28°37	2° 3	12°55	23°44	24°59	17°24	14°47	W 18
T 19	2 27 16	5° 9'40	25°46	19° 6	6°46	21°25	23°17	21°44	28°35	2° 4	12°57	23°41	24°55	17°31	14°55	T 19
F 20	2 31 13	6° 9'53	8 ^h II47	20°37	6°10	22°10	23°30	21°50	28°33	2° 4	12°58	23°37	24°52	17°38	15° 4	F 20
S 21	2 35 9	7°10'08	22°17	22° 9	5°33	22°55	23°43	21°56	28°32	2° 5	13° 0	23°31	24°49	17°44	15°12	S 21
S 22	2 39 6	8°10'25	6 ^h 413	23°42	4°57	23°40	23°56	22° 2	28°30	2° 5	13° 2	23°24	24°46	17°51	15°21	S 22
M 23	2 43 2	9°10'44	20°36	25°16	4°21	24°25	24° 9	22° 8	28°28	2° 6	13° 4	23°16	24°43	17°58	15°29	M 23
T 24	2 46 59	10°11'05	5 ^m III18	26°51	3°46	25°10	24°22	22°14	28°27	2° 7	13° 6	23°10	24°40	18° 4	15°37	T 24
W 25	2 50 55	11°11'28	20°14	28°26	3°12	25°56	24°35	22°20	28°25	2° 7	13° 8	23° 4	24°36	18°11	15°45	W 25
T 26	2 54 52	12°11'52	5 ^h X13	0 ^h II2	2°39	26°41	24°49	22°25	28°23	2° 8	13°10	23° 1	24°33	18°17	15°54	T 26
F 27	2 58 49	13°12'18	20° 8	1°38	2° 8	27°26	25° 2	22°22	28°22	2° 9	13°12	23°D0	24°30	18°24	16° 2	F 27
S 28	3 2 45	14°12'46	4 ^h 352	3°14	1°38	28°12	25°15	22°37	28°20	2°10	13°14	23° 0	24°27	18°31	16°10	S 28
S 29	3 6 42	15°13'14	19°18	4°50	1° 9	28°57	25°29	22°42	28°19	2°10	13°16	23° 2	24°24	18°37	16°18	S 29
M 30	3 10 38	16°13'45	3 ^h 325	6°27	0°43	29°43	25°42	22°48	28°18	2°11	13°18	23° 3	24°21	18°44	16°26	M 30
T 31	3 14 35	17 ^m 14'16	17 ^h 312	8 ^m III3	0 ^h III18	0 ^h 329	25 ^m III55	22 ^h III53	28 ^h X16	2 ^h 12	13 ^h X20	23°R4	24 ^h X17	18 ^h III51	16 ^h 34	T 31

Delta T = 272.45 sec

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1508

geocentric

NOVEMBER 1508 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	3 18 31	18 ¹⁴ 49	0 ³⁹	9 ³⁹	29 ^{R56}	1 ¹⁴	26 ¹¹ 9	22 ⁵⁸	28 ^{R15}	2 ¹³	13 ²³	23 ^{R 3}	24 ¹⁴	18 ⁵⁷	16 ⁴²	W 1
T 2	3 22 28	19 ¹⁵ 22	13 ⁴⁹	11 ¹⁵	29 ³⁶	2 ⁰	26 ²²	23 ⁴	28 ¹⁴	2 ¹⁴	13 ²⁵	23 ¹	24 ¹¹	19 ⁴	16 ⁵⁰	T 2
F 3	3 26 24	20 ¹⁵ 58	26 ⁴²	12 ⁵¹	29 ¹⁸	2 ⁴⁶	26 ³⁵	23 ⁹	28 ¹²	2 ¹⁵	13 ²⁷	22 ⁵⁷	24 ⁸	19 ¹¹	16 ⁵⁸	F 3
S 4	3 30 21	21 ¹⁶ 34	9 ²¹	14 ²⁷	29 ³	3 ³²	26 ⁴⁹	23 ¹⁴	28 ¹¹	2 ¹⁶	13 ²⁹	22 ⁵²	24 ⁵	19 ¹⁷	17 ⁶	S 4
S 5	3 34 18	22 ¹⁷ 12	21 ⁴⁸	16 ²	28 ⁵⁰	4 ¹⁸	27 ²	23 ¹⁹	28 ¹⁰	2 ¹⁷	13 ³¹	22 ⁴⁶	24 ¹	19 ²⁴	17 ¹⁴	S 5
M 6	3 38 14	23 ¹⁷ 50	4 ⁵	17 ³⁸	28 ³⁹	5 ⁴	27 ¹⁵	23 ²⁴	28 ⁹	2 ¹⁸	13 ³³	22 ⁴¹	23 ⁵⁸	19 ³¹	17 ²¹	M 6
T 7	3 42 11	24 ¹⁸ 31	16 ¹¹	19 ¹³	28 ³²	5 ⁵⁰	27 ²⁹	23 ²⁹	28 ⁸	2 ¹⁹	13 ³⁵	22 ³⁶	23 ⁵⁵	19 ³⁷	17 ²⁹	T 7
W 8	3 46 7	25 ¹⁹ 13	28 ¹⁰	20 ⁴⁸	28 ²⁶	6 ³⁶	27 ⁴²	23 ³⁴	28 ⁷	2 ²⁰	13 ³⁸	22 ³²	23 ⁵²	19 ⁴⁴	17 ³⁷	W 8
T 9	3 50 4	26 ¹⁹ 56	10 ¹¹ 3	22 ²³	28 ²³	7 ²²	27 ⁵⁶	23 ³⁸	28 ⁶	2 ²¹	13 ⁴⁰	22 ³⁰	23 ⁴⁹	19 ⁵⁰	17 ⁴⁴	T 9
F 10	3 54 0	27 ²⁰ 40	21 ⁵¹	23 ⁵⁸	28 ^{D23}	8 ⁸	28 ⁹	23 ⁴³	28 ⁵	2 ²³	13 ⁴²	22 ^{D30}	23 ⁴⁶	19 ⁵⁷	17 ⁵²	F 10
S 11	3 57 57	28 ²¹ 26	3 ³⁸	25 ³³	28 ²⁵	8 ⁵⁴	28 ²³	23 ⁴⁷	28 ⁴	2 ²⁴	13 ⁴⁴	22 ³⁰	23 ⁴²	20 ⁴	18 ⁰	S 11
S 12	4 1 53	29 ²² 14	15 ²⁶	27 ⁸	28 ²⁹	9 ⁴¹	28 ³⁶	23 ⁵²	28 ³	2 ²⁵	13 ⁴⁶	22 ³¹	23 ³⁹	20 ¹⁰	18 ⁷	S 12
M13	4 5 50	0 ²³ 02	27 ¹⁸	28 ⁴²	28 ³⁶	10 ²⁷	28 ⁴⁹	23 ⁵⁶	28 ³	2 ²⁶	13 ⁴⁹	22 ³³	23 ³⁶	20 ¹⁷	18 ¹⁴	M13
T 14	4 9 47	1 ²³ 53	9 ²⁰	0 ¹⁷	28 ⁴⁵	11 ¹³	29 ³	24 ¹	28 ²	2 ²⁸	13 ⁵¹	22 ³⁵	23 ³³	20 ²⁴	18 ²²	T 14
W15	4 13 43	2 ²⁴ 44	21 ³⁵	1 ⁵¹	28 ⁵⁶	12 ⁰	29 ¹⁶	24 ⁵	28 ¹	2 ²⁹	13 ⁵³	22 ³⁶	23 ³⁰	20 ³⁰	18 ²⁹	W15
T 16	4 17 40	3 ²⁵ 37	4 ⁸	3 ²⁵	29 ⁹	12 ⁴⁶	29 ³⁰	24 ⁹	28 ¹	2 ³⁰	13 ⁵⁵	22 ^{R36}	23 ²⁷	20 ³⁷	18 ³⁶	T 16
F 17	4 21 36	4 ²⁶ 32	17 ⁴	4 ⁵⁹	29 ²⁵	13 ³²	29 ⁴³	24 ¹³	28 ⁰	2 ³²	13 ⁵⁷	22 ³⁶	23 ²³	20 ⁴⁴	18 ⁴³	F 17
S 18	4 25 33	5 ²⁷ 27	0 ²⁵	6 ³⁴	29 ⁴³	14 ¹⁹	29 ⁵⁷	24 ¹⁷	28 ⁰	2 ³³	14 ⁰	22 ³⁵	23 ²⁰	20 ⁵⁰	18 ⁵⁰	S 18
S 19	4 29 29	6 ²⁸ 24	14 ¹⁴	8 ⁸	0 ¹¹ 2	15 ⁵	0 ¹⁰	24 ²¹	27 ⁵⁹	2 ³⁵	14 ²	22 ³³	23 ¹⁷	20 ⁵⁷	18 ⁵⁷	S 19
M20	4 33 26	7 ²⁹ 23	28 ³¹	9 ⁴²	0 ²⁴	15 ⁵²	0 ²³	24 ²⁵	27 ⁵⁹	2 ³⁶	14 ⁴	22 ³¹	23 ¹⁴	21 ⁴	19 ⁴	M20
T 21	4 37 22	8 ³⁰ 22	13 ¹¹ 13	11 ¹⁶	0 ⁴⁷	16 ³⁹	0 ³⁷	24 ²⁸	27 ⁵⁸	2 ³⁷	14 ⁶	22 ²⁹	23 ¹¹	21 ¹⁰	19 ¹¹	T 21
W22	4 41 19	9 ³¹ 23	28 ¹³	12 ⁵¹	1 ¹³	17 ²⁵	0 ⁵⁰	24 ³²	27 ⁵⁸	2 ³⁹	14 ⁹	22 ²⁷	23 ⁷	21 ¹⁷	19 ¹⁸	W22
T 23	4 45 16	10 ³² 25	13 ¹² 25	14 ²⁵	1 ⁴⁰	18 ¹²	1 ⁴	24 ³⁶	27 ⁵⁸	2 ⁴¹	14 ¹¹	22 ²⁷	23 ⁴	21 ²⁴	19 ²⁵	T 23
F 24	4 49 12	11 ³³ 27	13 ²⁵	15 ⁵⁹	2 ⁸	18 ⁵⁹	1 ¹⁷	24 ³⁹	27 ⁵⁸	2 ⁴²	14 ¹³	22 ^{D26}	23 ¹	21 ³⁰	19 ³¹	F 24
S 25	4 53 9	12 ³⁴ 31	13 ³⁴ 40	17 ³⁴	2 ³⁹	19 ⁴⁵	1 ³⁰	24 ⁴²	27 ⁵⁷	2 ⁴⁴	14 ¹⁶	22 ²⁷	22 ⁵⁸	21 ³⁷	19 ³⁸	S 25
S 26	4 57 5	13 ³⁵ 35	28 ²⁷	19 ⁸	3 ¹¹	20 ³²	1 ⁴⁴	24 ⁴⁵	27 ⁵⁷	2 ⁴⁵	14 ¹⁸	22 ²⁸	22 ⁵⁵	21 ⁴³	19 ⁴⁵	S 26
M27	5 1 2	14 ³⁶ 39	12 ⁵²	20 ⁴³	3 ⁴⁴	21 ¹⁹	1 ⁵⁷	24 ⁴⁹	27 ⁵⁷	2 ⁴⁷	14 ²⁰	22 ²⁹	22 ⁵²	21 ⁵⁰	19 ⁵¹	M27
T 28	5 4 58	15 ³⁷ 44	26 ⁵¹	22 ¹⁷	4 ¹⁹	22 ⁶	2 ¹⁰	24 ⁵²	27 ^{D57}	2 ⁴⁹	14 ²²	22 ²⁹	22 ⁴⁸	21 ⁵⁷	19 ⁵⁷	T 28
W29	5 8 55	16 ³⁸ 50	10 ²⁵	23 ⁵²	4 ⁵⁵	22 ⁵³	2 ²⁴	24 ⁵⁵	27 ⁵⁷	2 ⁵⁰	14 ²⁵	22 ²⁹	22 ⁴⁵	22 ³	20 ⁴	W29
T 30	5 12 52	17 ³⁹ 55	23 ³⁴	25 ²⁷	5 ¹¹ 33	23 ⁴⁰	2 ³⁷	24 ⁵⁷	27 ⁵⁷	2 ⁵²	14 ²⁷	22 ^{R29}	22 ⁴²	22 ¹⁰	20 ¹⁰	T 30

Delta T = 272.26 sec

Julian Calendar 1 Nov. 1508 == Greg. Calendar 11 Nov. 1508

DECEMBER 1508 JC

00:00 UT

Day	Sid.t	☉	☾	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	5 16 48	18 ⁴¹ 01	6 ²²	27 ²	6 ¹¹	24 ²⁷	2 ⁵⁰	25 ⁰	27 ⁵⁷	2 ⁵⁴	14 ²⁹	22 ^{R29}	22 ³⁹	22 ^{II17}	20 ¹⁶	F 1
S 2	5 20 45	19 ⁴² 07	18 ⁵²	28 ³⁷	6 ⁵¹	25 ¹³	3 ³	25 ³	27 ⁵⁸	2 ⁵⁶	14 ³¹	22 ²⁹	22 ³⁶	22 ²³	20 ²²	S 2
S 3	5 24 41	20 ⁴³ 14	1 ⁸ 7	0 ¹²	7 ³³	26 ⁰	3 ¹⁶	25 ⁵	27 ⁵⁸	2 ⁵⁷	14 ³⁴	22 ²⁹	22 ³³	22 ³⁰	20 ²⁸	S 3
M 4	5 28 38	21 ⁴⁴ 21	13 ¹¹	1 ⁴⁷	8 ¹⁵	26 ⁴⁷	3 ³⁰	25 ⁸	27 ⁵⁸	2 ⁵⁹	14 ³⁶	22 ²⁸	22 ²⁹	22 ³⁷	20 ³⁴	M 4
T 5	5 32 34	22 ⁴⁵ 28	25 ⁷	3 ²²	8 ⁵⁸	27 ³⁴	3 ⁴³	25 ¹⁰	27 ⁵⁹	3 ¹	14 ³⁸	22 ^{D28}	22 ²⁶	22 ⁴³	20 ⁴⁰	T 5
W 6	5 36 31	23 ⁴⁶ 36	6 ¹¹ 58	4 ⁵⁷	9 ⁴³	28 ²¹	3 ⁵⁶	25 ¹²	27 ⁵⁹	3 ³	14 ⁴⁰	22 ²⁸	22 ²³	22 ⁵⁰	20 ⁴⁵	W 6
T 7	5 40 27	24 ⁴⁷ 44	18 ⁴⁶	6 ³²	10 ²⁹	29 ⁹	4 ⁹	25 ¹⁴	27 ⁵⁹	3 ⁵	14 ⁴³	22 ^{R29}	22 ²⁰	22 ⁵⁷	20 ⁵¹	T 7
F 8	5 44 24	25 ⁴⁸ 52	0 ³⁴	8 ⁷	11 ¹⁵	29 ⁵⁶	4 ²²	25 ¹⁶	28 ⁰	3 ⁷	14 ⁴⁵	22 ²⁹	22 ¹⁷	23 ³	20 ⁵⁷	F 8
S 9	5 48 21	26 ⁵⁰ 01	12 ²³	9 ⁴²	12 ³	0 ⁴³	4 ³⁵	25 ¹⁸	28 ¹	3 ⁹	14 ⁴⁷	22 ²⁸	22 ¹³	23 ¹⁰	21 ²	S 9
S 10	5 52 17	27 ⁵¹ 10	24 ¹⁶	11 ¹⁷	12 ⁵¹	1 ³⁰	4 ⁴⁸	25 ²⁰	28 ¹	3 ¹¹	14 ⁴⁹	22 ²⁸	22 ¹⁰	23 ¹⁷	21 ⁷	S 10
M11	5 56 14	28 ⁵² 20	6 ¹⁶	12 ⁵¹	13 ⁴⁰	2 ¹⁷	5 ¹	25 ²²	28 ²	3 ¹²	14 ⁵²	22 ²⁷	22 ⁷	23 ²³	21 ¹³	M11
T 12	6 0 10	29 ⁵³ 29	18 ²³	14 ²⁵	14 ³⁰	3 ⁴	5 ¹⁴	25 ²³	28 ³	3 ¹⁴	14 ⁵⁴	22 ²⁶	22 ⁴	23 ³⁰	21 ¹⁸	T 12
W13	6 4 7	0 ⁵⁴ 39	0 ¹⁷ 43	15 ⁵⁸	15 ²¹	3 ⁵¹	5 ²⁶	25 ²⁵	28 ³	3 ¹⁶	14 ⁵⁶	22 ²⁵	22 ¹	23 ³⁶	21 ²³	W13
T 14	6 8 3	1 ⁵⁵ 50	13 ¹⁷	17 ³¹	16 ¹³	4 ³⁸	5 ³⁹	25 ²⁶	28 ⁴	3 ¹⁸	14 ⁵⁸	22 ²⁴	21 ⁵⁸	23 ⁴³	21 ²⁸	T 14
F 15	6 12 0	2 ⁵⁷ 00	26 ⁹	19 ²	17 ⁵	5 ²⁵	5 ⁵²	25 ²⁷	28 ⁵	3 ²⁰	15 ⁰	22 ²³	21 ⁵⁴	23 ⁵⁰	21 ³³	F 15
S 16	6 15 56	3 ⁵⁸ 12	9 ²²	20 ³²	17 ⁵⁹	6 ¹³	6 ⁵	25 ²⁹	28 ⁶	3 ²²	15 ³	22 ^{D23}	21 ⁵¹	23 ⁵⁶	21 ³⁸	S 16
S 17	6 19 53	4 ⁵⁹ 23	22 ⁵⁸	22 ¹	18 ⁵²	7 ⁰	6 ¹⁷	25 ³⁰	28 ⁷	3 ²⁴	15 ⁵	22 ²⁴	21 ⁴⁸	24 ³	21 ⁴²	S 17
M18	6 23 50	6 ⁰ 35	7 ¹¹ 0	23 ²⁹	19 ⁴⁷	7 ⁴⁷	6 ³⁰	25 ³¹	28 ⁸	3 ²⁷	15 ⁷	22 ²⁵	21 ⁴⁵	24 ¹⁰	21 ⁴⁷	M18
T 19	6 27 46	7 ¹ 47	21 ²⁶	24 ⁵⁴	20 ⁴²	8 ³⁴	6 ⁴²	25 ³¹	28 ⁹	3 ²⁹	15 ⁹	22 ²⁶	21 ⁴²	24 ¹⁶	21 ⁵¹	T 19
W20	6 31 43	8 ² 59	6 ¹⁴	26 ¹⁶	21 ³⁸	9 ²²	6 ⁵⁵	25 ³²	28 ¹⁰	3 ³¹	15 ¹¹	22 ²⁷	21 ³⁹	24 ²³	21 ⁵⁶	W20
T 21	6 35 39	9 ⁴ 11	21 ¹⁷	27 ³⁶	22 ³⁴	10 ⁹	7 ⁷	25 ³³	28 ¹¹	3 ³³	15 ¹³	22 ^{R28}	21 ³⁵	24 ³⁰	22 ⁰	T 21
F 22	6 39 36	10 ⁵ 24	6 ²⁸	28 ⁵²	23 ³¹	10 ⁵⁶	7 ²⁰	25 ³³	28 ¹²	3 ³⁵	15 ¹⁶	22 ²⁷	21 ³²	24 ³⁶	22 ⁴	F 22
S 23	6 43 32	11 ⁰ 636	21 ³⁸	0 ⁴	24 ²⁸	11 ⁴³	7 ³²	25 ³⁴	28 ¹⁴	3 ³⁷	15 ¹⁸	22 ²⁶	21 ²⁹	24 ⁴³	22 ⁸	S 23
S 24	6 47 29	12 ⁰ 748	6 ³⁶	1 ¹⁰	25 ²⁶	12 ³¹	7 ⁴⁴	25 ³⁴	28 ¹⁵	3 ³⁹	15 ²⁰	22 ²³	21 ²⁶	24 ⁵⁰	22 ¹²	S 24
M25	6 51 25	13 ⁰ 859	21 ³⁵	2 ¹²	26 ²⁵	13 ¹⁸	7 ⁵⁷	25 ³⁴	28 ¹⁶	3 ⁴¹	15 ²²	22 ²¹	21 ²³	24 ⁵⁶	22 ¹⁶	M25
T 26	6 55 22	14 ¹⁰ 009	5 ¹⁸ 28	3 ⁷	27 ²⁴	14 ⁵	8 ⁹	25 ^{R34}	28 ¹⁸	3 ⁴⁴	15 ²⁴	22 ¹⁷	21 ¹⁹	25 ³	22 ²⁰	T 26
W27	6 59 19	15 ¹¹ 119	19 ¹⁴	3 ⁵⁴	28 ²³	14 ⁵²	8 ²¹	25 ³⁴	28 ¹⁹	3 ⁴⁶	15 ²⁶	22 ¹⁵	21 ¹⁶	25 ⁹	22 ²⁴	W27
T 28	7 3 15	16 ¹² 29	2 ¹³ 31	4 ³⁴	29 ²³	15 ⁴⁰	8 ³³	25 ³⁴	28 ²¹	3 ⁴⁸	15 ²⁸	22 ¹³	21 ¹³	25 ¹⁶	22 ²⁷	T 28
F 29	7 7 12	17 ¹³ 37	15 ²²	5 ⁴	0 ²³	16 ²⁷	8 ⁴⁵	25 ³⁴	28 ²²	3 ⁵⁰	15 ³⁰	22 ^{D12}	21 ¹⁰	25 ²³	22 ³¹	F 29
S 30	7 11 8	18 ¹⁴ 45	27 ⁵²	5 ²⁵	1 ²⁴	17 ¹⁴	8 ⁵⁷	25 ³³	28 ²⁴	3 ⁵²	15 ³²	22 ¹³	21 ⁷	25 ²⁹	22 ³⁴	S 30
S 31	7 15 5	19 ¹⁵ 52	10 ⁸ 3	5 ^{R35}	2 ²⁵	18 ²	9 ⁹	25 ³³	28 ²⁶	3 ⁵⁵	15 ³⁴	22 ¹⁴	21 ⁴	25 ^{II36}	22 ³⁷	S 31