



Astrodienst Ephemeris Tables for the year 1485

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 1485
geocentric

JANUARY 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 18 16	20°3'03	18°12	28°4'4	3°24	5°17	2°4	27°42	25°55	13°12	16°29	4°R21	5°Y12	9°27	0°Y58	S 1
S 2	7 22 13	21°7'08	18°18	29°22	4°22	5°41	2°15	27°47	25°58	13°14	16°29	4°Y9	5°9	9°14	1°0	S 2
M 3	7 26 9	22°8'12	14°7	0°342	5°21	6°6	2°26	27°52	26°1	13°16	16°30	3°58	5°6	9°21	1°1	M 3
T 4	7 30 6	23°9'16	26°38	2°3	6°21	6°31	2°37	27°57	26°5	13°17	16°30	3°49	5°2	9°27	1°3	T 4
W 5	7 34 2	24°10'19	8°54	3°25	7°21	6°57	2°48	28°2	26°8	13°19	16°30	3°44	4°59	9°34	1°5	W 5
T 6	7 37 59	25°11'21	20°55	4°48	8°21	7°23	2°58	28°7	26°11	13°21	16°30	3°41	4°56	9°41	1°7	T 6
F 7	7 41 56	26°12'23	2°48	6°12	9°22	7°48	3°9	28°12	26°14	13°23	16°30	3°D40	4°53	9°47	1°9	F 7
S 8	7 45 52	27°13'24	14°36	7°37	10°24	8°15	3°19	28°17	26°18	13°25	16°30	3°40	4°50	9°54	1°11	S 8
S 9	7 49 49	28°14'25	26°24	9°3	11°25	8°41	3°29	28°21	26°21	13°26	16°R30	3°R41	4°47	10°0	1°13	S 9
M10	7 53 45	29°15'25	8°18	10°30	12°27	9°8	3°40	28°26	26°24	13°28	16°30	3°40	4°43	10°7	1°15	M10
T 11	7 57 42	0°16'24	20°24	11°57	13°29	9°35	3°50	28°31	26°27	13°30	16°30	3°38	4°40	10°14	1°17	T 11
W12	8 1 38	1°17'23	2°47	13°25	14°32	10°2	4°0	28°35	26°30	13°32	16°30	3°34	4°37	10°20	1°19	W12
T 13	8 5 35	2°18'21	15°30	14°54	15°35	10°29	4°10	28°39	26°34	13°33	16°30	3°27	4°34	10°27	1°21	T 13
F 14	8 9 31	3°19'18	28°36	16°24	16°38	10°57	4°19	28°44	26°37	13°35	16°30	3°18	4°31	10°34	1°23	F 14
S 15	8 13 28	4°20'15	12°37	17°55	17°42	11°25	4°29	28°48	26°40	13°36	16°30	3°7	4°27	10°40	1°26	S 15
S 16	8 17 25	5°21'10	25°59	19°26	18°46	11°53	4°39	28°52	26°43	13°38	16°30	2°57	4°24	10°47	1°28	S 16
M17	8 21 21	6°22'05	10°9	20°58	19°50	12°21	4°48	28°56	26°46	13°40	16°29	2°48	4°21	10°54	1°30	M17
T 18	8 25 18	7°22'58	24°33	22°31	20°54	12°49	4°57	29°0	26°49	13°41	16°29	2°40	4°18	11°0	1°33	T 18
W19	8 29 14	8°23'50	9°4	24°5	21°59	13°18	5°7	29°4	26°52	13°43	16°29	2°35	4°15	11°7	1°35	W19
T 20	8 33 11	9°24'40	23°35	25°39	23°4	13°47	5°16	29°8	26°55	13°44	16°29	2°33	4°12	11°14	1°38	T 20
F 21	8 37 7	10°25'29	8°Y2	27°14	24°9	14°16	5°25	29°12	26°57	13°46	16°28	2°D33	4°8	11°20	1°40	F 21
S 22	8 41 4	11°26'16	22°20	28°50	25°15	14°45	5°34	29°15	27°0	13°47	16°28	2°34	4°5	11°27	1°43	S 22
S 23	8 45 0	12°27'02	6°29	0°26	26°20	15°15	5°42	29°19	27°3	13°48	16°27	2°R35	4°2	11°34	1°46	S 23
M24	8 48 57	13°27'46	20°26	2°4	27°26	15°44	5°51	29°22	27°6	13°50	16°27	2°35	3°59	11°40	1°48	M24
T 25	8 52 54	14°28'28	4°12	3°42	28°32	16°14	5°59	29°26	27°9	13°51	16°26	2°33	3°56	11°47	1°51	T 25
W26	8 56 50	15°29'09	17°46	5°21	29°38	16°44	6°8	29°29	27°11	13°52	16°26	2°29	3°53	11°53	1°54	W26
T 27	9 0 47	16°29'48	1°8	7°1	0°45	17°14	6°16	29°32	27°14	13°54	16°25	2°23	3°49	12°0	1°56	T 27
F 28	9 4 43	17°30'26	14°18	8°42	1°51	17°44	6°24	29°35	27°17	13°55	16°24	2°15	3°46	12°7	1°59	F 28
S 29	9 8 40	18°31'02	27°16	10°23	2°58	18°15	6°32	29°38	27°19	13°56	16°24	2°7	3°43	12°13	2°2	S 29
S 30	9 12 36	19°31'36	10°1	12°6	4°5	18°45	6°40	29°41	27°22	13°57	16°23	1°59	3°40	12°20	2°5	S 30
M31	9 16 33	20°32'09	22°133	13°49	5°12	19°16	6°48	29°44	27°24	13°59	16°22	1°Y52	3°Y37	12°27	2°Y8	M31

Delta T = 05m23s

Julian Calendar 1 Jan. 1485 == Greg. Calendar 10 Jan. 1485

FEBRUARY 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	9 20 30	21°32'40	4°52	15°33	6°20	19°47	6°55	29°47	27°27	14°0	16°R22	1°R47	3°Y33	12°233	2°Y11	T 1
W 2	9 24 26	22°33'09	16°59	17°18	7°27	20°17	7°3	29°49	27°29	14°1	16°21	1°Y44	3°30	12°40	2°14	W 2
T 3	9 28 23	23°33'37	28°57	19°4	8°35	20°48	7°10	29°52	27°32	14°2	16°20	1°D43	3°27	12°47	2°17	T 3
F 4	9 32 19	24°34'03	10°47	20°51	9°43	21°20	7°17	29°55	27°34	14°3	16°19	1°43	3°24	12°53	2°20	F 4
S 5	9 36 16	25°34'28	22°35	22°39	10°51	21°51	7°24	29°57	27°36	14°4	16°18	1°45	3°21	13°0	2°23	S 5
S 6	9 40 12	26°34'52	4°23	24°28	11°59	22°22	7°31	29°59	27°39	14°5	16°17	1°46	3°18	13°7	2°26	S 6
M 7	9 44 9	27°35'14	16°17	26°18	13°7	22°54	7°38	0°1	27°41	14°6	16°16	1°48	3°14	13°13	2°29	M 7
T 8	9 48 5	28°35'35	28°22	28°9	14°16	23°26	7°45	0°3	27°43	14°7	16°15	1°R49	3°11	13°20	2°32	T 8
W 9	9 52 2	29°35'54	10°42	0°4	15°24	23°57	7°51	0°5	27°45	14°8	16°15	1°48	3°8	13°27	2°36	W 9
T 10	9 55 58	0°36'12	23°23	1°53	16°33	24°29	7°57	0°7	27°47	14°9	16°13	1°46	3°5	13°33	2°39	T 10
F 11	9 59 55	1°36'29	6°28	3°46	17°42	25°1	8°4	0°9	27°50	14°9	16°12	1°42	3°2	13°40	2°42	F 11
S 12	10 3 52	2°36'44	19°59	5°40	18°50	25°33	8°10	0°11	27°52	14°10	16°11	1°38	2°59	13°46	2°45	S 12
S 13	10 7 48	3°36'57	3°56	7°34	19°59	26°6	8°15	0°12	27°54	14°11	16°10	1°34	2°55	13°53	2°49	S 13
M14	10 11 45	4°37'08	18°18	9°30	21°9	26°38	8°21	0°14	27°56	14°12	16°9	1°30	2°52	14°0	2°52	M14
T 15	10 15 41	5°37'18	2°58	11°25	22°18	27°10	8°27	0°15	27°57	14°12	16°8	1°27	2°49	14°6	2°55	T 15
W16	10 19 38	6°37'26	17°51	13°21	23°27	27°43	8°32	0°17	27°59	14°13	16°7	1°25	2°46	14°13	2°59	W16
T 17	10 23 34	7°37'32	2°Y47	15°17	24°37	28°15	8°37	0°18	28°1	14°14	16°6	1°D24	2°43	14°20	3°2	T 17
F 18	10 27 31	8°37'36	17°39	17°13	25°46	28°48	8°42	0°19	28°3	14°14	16°4	1°25	2°39	14°26	3°5	F 18
S 19	10 31 27	9°37'37	2°21	19°9	26°56	29°21	8°47	0°20	28°5	14°15	16°3	1°26	2°36	14°33	3°9	S 19
S 20	10 35 24	10°37'37	16°46	21°4	28°5	29°54	8°52	0°21	28°6	14°15	16°2	1°28	2°33	14°40	3°12	S 20
M21	10 39 21	11°37'34	0°153	22°58	29°15	0°127	8°56	0°22	28°8	14°16	16°1	1°29	2°30	14°46	3°16	M21
T 22	10 43 17	12°37'30	14°40	24°51	0°25	1°0	9°1	0°22	28°9	14°16	15°59	1°R29	2°27	14°53	3°19	T 22
W23	10 47 14	13°37'23	28°8	26°42	1°35	1°33	9°5	0°23	28°11	14°17	15°58	1°28	2°24	15°0	3°23	W23
T 24	10 51 10	14°37'13	11°17	28°31	2°45	2°6	9°9	0°24	28°12	14°17	15°57	1°27	2°20	15°6	3°26	T 24
F 25	10 55 7	15°37'02	24°10	0°Y18	3°55	2°40	9°13	0°24	28°14	14°18	15°55	1°25	2°17	15°13	3°30	F 25
S 26	10 59 3	16°36'48	6°48	2°1	5°5	3°13	9°16	0°24	28°15	14°18	15°54	1°23	2°14	15°20	3°33	S 26
S 27	11 3 0	17°36'32	19°14	3°41	6°16	3°46	9°20	0°24	28°17	14°18	15°52	1°20	2°11	15°26	3°37	S 27
M28	11 6 56	18°36'14	1°28	5°Y17	7°26	4°120	9°23	0°25	28°18	14°18	15°51	1°Y19	2°Y8	15°23	3°Y40	M28

Delta T = 05m22s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1485

geocentric

MARCH 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	11 10 53	19°35'53	13°33	6°49	8°36	4°53	9°26	0°25	28°19	14°19	15°49	1°17	2°5	15°39	3°44	T 1
W 2	11 14 50	20°35'31	25°31	8°15	9°47	5°27	9°29	0°24	28°20	14°19	15°48	1°17	2°1	15°46	3°47	W 2
T 3	11 18 46	21°35'06	7°23	9°36	10°57	6°1	9°32	0°24	28°21	14°19	15°47	1°17	1°58	15°53	3°51	T 3
F 4	11 22 43	22°34'40	19°12	10°52	12°8	6°35	9°35	0°24	28°22	14°19	15°45	1°17	1°55	15°59	3°55	F 4
S 5	11 26 39	23°34'12	1°0	12°1	13°19	7°8	9°37	0°24	28°24	14°19	15°44	1°18	1°52	16°6	3°58	S 5
S 6	11 30 36	24°33'41	12°50	13°4	14°29	7°42	9°39	0°23	28°24	14°19	15°42	1°19	1°49	16°13	4°2	S 6
M 7	11 34 32	25°33'09	24°46	14°0	15°40	8°16	9°41	0°22	28°25	14°19	15°40	1°20	1°45	16°19	4°6	M 7
T 8	11 38 29	26°32'36	6°51	14°48	16°51	8°50	9°43	0°22	28°26	14°19	15°39	1°20	1°42	16°26	4°9	T 8
W 9	11 42 25	27°32'00	19°10	15°30	18°2	9°24	9°45	0°21	28°27	14°19	15°37	1°20	1°39	16°33	4°13	W 9
T 10	11 46 22	28°31'23	1°37	16°4	19°13	9°59	9°46	0°20	28°28	14°19	15°36	1°20	1°36	16°39	4°16	T 10
F 11	11 50 19	29°30'44	14°46	16°30	20°24	10°33	9°48	0°19	28°29	14°19	15°34	1°20	1°33	16°46	4°20	F 11
S 12	11 54 15	0°30'03	28°10	16°49	21°35	11°7	9°49	0°18	28°29	14°19	15°33	1°20	1°30	16°53	4°24	S 12
S 13	11 58 12	1°29'20	12°1	17°0	22°46	11°41	9°50	0°17	28°30	14°19	15°31	1°20	1°26	16°59	4°27	S 13
M14	12 2 8	2°28'35	26°18	17°4	23°57	12°16	9°51	0°16	28°30	14°19	15°29	1°20	1°23	17°6	4°31	M14
T 15	12 6 5	3°27'49	10°59	17°1	25°9	12°50	9°51	0°14	28°31	14°18	15°28	1°20	1°20	17°13	4°35	T 15
W16	12 10 1	4°27'00	25°58	16°51	26°20	13°25	9°52	0°13	28°31	14°18	15°26	1°20	1°17	17°19	4°38	W16
T 17	12 13 58	5°26'10	11°8	16°34	27°31	13°59	9°52	0°11	28°32	14°18	15°24	1°20	1°14	17°26	4°42	T 17
F 18	12 17 54	6°25'17	26°18	16°11	28°42	14°34	9°52	0°10	28°32	14°18	15°23	1°20	1°10	17°33	4°46	F 18
S 19	12 21 51	7°24'22	11°20	15°42	29°54	15°8	9°52	0°8	28°33	14°17	15°21	1°20	1°7	17°39	4°49	S 19
S 20	12 25 48	8°23'25	26°5	15°9	1°5	15°43	9°51	0°6	28°33	14°17	15°19	1°19	1°4	17°46	4°53	S 20
M21	12 29 44	9°22'26	10°28	14°31	2°17	16°18	9°51	0°4	28°33	14°16	15°18	1°18	1°1	17°52	4°57	M21
T 22	12 33 41	10°21'25	24°25	13°50	3°28	16°52	9°50	0°2	28°33	14°16	15°16	1°17	0°58	17°59	5°0	T 22
W23	12 37 37	11°20'21	7°57	13°7	4°40	17°27	9°49	29°59	28°33	14°15	15°14	1°17	0°55	18°6	5°4	W23
T 24	12 41 34	12°19'15	21°5	12°21	5°51	18°2	9°48	29°58	28°33	14°15	15°13	1°17	0°51	18°12	5°8	T 24
F 25	12 45 30	13°18'06	3°51	11°35	7°3	18°37	9°47	29°55	28°33	14°14	15°11	1°18	0°48	18°19	5°11	F 25
S 26	12 49 27	14°16'55	16°19	10°49	8°14	19°12	9°45	29°53	28°33	14°14	15°9	1°19	0°45	18°26	5°15	S 26
S 27	12 53 23	15°15'42	28°32	10°4	9°26	19°47	9°43	29°51	28°33	14°13	15°8	1°20	0°42	18°32	5°19	S 27
M28	12 57 20	16°14'27	10°35	9°21	10°38	20°22	9°41	29°48	28°33	14°12	15°6	1°21	0°39	18°39	5°22	M28
T 29	13 1 17	17°13'09	22°30	8°40	11°49	20°57	9°39	29°45	28°33	14°12	15°4	1°22	0°36	18°46	5°26	T 29
W30	13 5 13	18°11'49	4°20	8°3	13°1	21°32	9°37	29°43	28°32	14°11	15°2	1°22	0°32	18°52	5°30	W30
T 31	13 9 10	19°10'28	16°8	7°29	14°13	22°11	9°35	29°40	28°32	14°10	15°1	1°22	0°29	18°59	5°33	T 31

Delta T = 05m22s

Julian Calendar 1 March 1485 == Greg. Calendar 10 March 1485

APRIL 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	13 13 6	20°0'04	27°57	6°59	15°25	22°42	9°32	29°37	28°32	14°10	14°59	1°20	0°26	19°6	5°37	F 1
S 2	13 17 3	21°7'38	9°47	6°34	16°36	23°17	9°29	29°34	28°31	14°9	14°57	1°17	0°23	19°12	5°40	S 2
S 3	13 20 59	22°6'11	21°42	6°13	17°48	23°53	9°26	29°31	28°31	14°8	14°56	1°14	0°20	19°19	5°44	S 3
M 4	13 24 56	23°4'42	3°44	5°57	19°0	24°28	9°23	29°28	28°30	14°7	14°54	1°11	0°16	19°26	5°47	M 4
T 5	13 28 52	24°3'11	15°55	5°46	20°12	25°3	9°20	29°25	28°30	14°6	14°52	1°7	0°13	19°32	5°51	T 5
W 6	13 32 49	25°1'38	28°18	5°41	21°24	25°38	9°17	29°22	28°29	14°5	14°51	1°4	0°10	19°39	5°54	W 6
T 7	13 36 45	26°0'04	10°55	5°40	22°36	26°14	9°13	29°19	28°29	14°4	14°49	1°2	0°7	19°46	5°58	T 7
F 8	13 40 42	26°58'28	23°51	5°45	23°48	26°49	9°9	29°15	28°28	14°4	14°47	1°1	0°4	19°52	6°1	F 8
S 9	13 44 39	27°56'51	7°8	5°54	25°0	27°24	9°5	29°12	28°27	14°3	14°46	1°2	0°1	19°59	6°5	S 9
S 10	13 48 35	28°55'12	20°49	6°8	26°12	28°0	9°1	29°8	28°26	14°2	14°44	1°3	29°57	20°6	6°8	S 10
M11	13 52 32	29°53'31	4°54	6°27	27°24	28°35	8°57	29°5	28°26	14°1	14°43	1°4	29°54	20°12	6°12	M11
T 12	13 56 28	0°51'49	19°23	6°50	28°36	29°11	8°52	29°1	28°25	14°0	14°41	1°6	29°51	20°19	6°15	T 12
W13	14 0 25	1°50'05	4°13	7°18	29°48	29°46	8°48	28°58	28°24	13°58	14°39	1°R 6	29°48	20°25	6°19	W13
T 14	14 4 21	2°48'20	19°19	7°49	1°0	0°52	8°43	28°54	28°23	13°57	14°38	1°5	29°45	20°32	6°22	T 14
F 15	14 8 18	3°46'33	4°31	8°25	2°13	0°58	8°38	28°50	28°22	13°56	14°36	1°2	29°42	20°39	6°25	F 15
S 16	14 12 14	4°44'44	19°39	9°5	3°25	1°33	8°33	28°46	28°21	13°55	14°35	0°58	29°38	20°45	6°29	S 16
S 17	14 16 11	5°42'53	4°35	9°48	4°37	2°9	8°28	28°42	28°19	13°54	14°33	0°53	29°35	20°52	6°32	S 17
M18	14 20 8	6°41'01	19°10	10°35	5°49	2°44	8°22	28°38	28°18	13°53	14°32	0°48	29°32	20°59	6°35	M18
T 19	14 24 4	7°39'07	3°51	11°26	7°1	3°20	8°17	28°34	28°17	13°52	14°30	0°43	29°29	21°5	6°39	T 19
W20	14 28 1	8°37'11	16°59	12°19	8°14	3°56	8°11	28°30	28°16	13°50	14°28	0°40	29°26	21°12	6°42	W20
T 21	14 31 57	9°35'12	0°11	13°16	9°26	4°32	8°5	28°26	28°15	13°49	14°27	0°38	29°22	21°19	6°45	T 21
F 22	14 35 54	10°33'12	12°58	14°16	10°38	5°7	7°59	28°22	28°13	13°48	14°26	0°38	29°19	21°25	6°48	F 22
S 23	14 39 50	11°31'10	25°23	15°19	11°50	5°43	7°53	28°18	28°12	13°46	14°24	0°38	29°16	21°32	6°51	S 23
S 24	14 43 47	12°29'06	7°33	16°24	13°3	6°19	7°47	28°14	28°10	13°45	14°23	0°40	29°13	21°39	6°55	S 24
M25	14 47 44	13°27'00	19°30	17°33	14°15	6°55	7°41	28°10	28°9	13°44	14°21	0°41	29°10	21°45	6°58	M25
T 26	14 51 40	14°24'53	1°20	18°44	15°27	7°31	7°35	28°6	28°7	13°43	14°20	0°R42	29°7	21°52	7°1	T 26
W27	14 55 37	15°22'43	13°7	19°57	16°40	8°7	7°28	28°1	28°6	13°41	14°18	0°41	29°3	21°59	7°4	W27
T 28	14 59 33	16°20'32	24°55	21°14	17°52	8°43	7°22	27°57	28°4	13°40	14°17	0°38	29°0	22°5	7°7	T 28
F 29	15 3 30	17°18'20	6°46	22°32	19°4	9°19	7°15	27°53	28°3	13°38	14°16	0°33	28°57	22°12	7°10	F 29
S 30	15 7 26	18°16'06	18°43	23°53	20°17	9°54	7°8	27°48	28°2	13°37	14°14	0°26	28°54	22°19	7°13	S 30

Delta T = 05m22s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1485

geocentric

MAY 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	15 11 23	19°13'51	0°46	25°17	21°29	10°30	7°R 1	27°R44	27°R59	13°R36	14°R13	0°R18	28°51	22°25	7°16	S 1
M 2	15 15 19	20°11'34	12°59	26°43	22°41	11° 6	6°54	27°M40	27°58	13°34	14°12	0°Y 9	28°47	22°32	7°19	M 2
T 3	15 19 16	21° 9'16	25°21	28°11	23°54	11°42	6°47	27°35	27°56	13°33	14°10	29°59	28°44	22°39	7°22	T 3
W 4	15 23 13	22° 6'57	7°35	29°42	25° 6	12°19	6°40	27°31	27°54	13°31	14° 9	29°52	28°41	22°45	7°24	W 4
T 5	15 27 9	23° 4'37	20°41	1°15	26°19	12°55	6°33	27°26	27°52	13°30	14° 8	29°45	28°38	22°52	7°27	T 5
F 6	15 31 6	24° 2'16	3°41	2°50	27°31	13°31	6°26	27°22	27°50	13°28	14° 7	29°41	28°35	22°59	7°30	F 6
S 7	15 35 2	24°59'53	16°57	4°27	28°44	14° 7	6°18	27°18	27°49	13°27	14° 6	29°39	28°32	23° 5	7°33	S 7
S 8	15 38 59	25°57'30	0°32	6° 7	29°56	14°43	6°11	27°13	27°47	13°25	14° 4	29°D39	28°28	23°12	7°35	S 8
M 9	15 42 55	26°55'06	14°26	7°49	1°8 9	15°19	6° 4	27° 9	27°45	13°24	14° 3	29°40	28°25	23°19	7°38	M 9
T 10	15 46 52	27°52'40	28°41	9°33	2°21	15°55	5°56	27° 4	27°43	13°22	14° 2	29°R40	28°22	23°25	7°41	T 10
W11	15 50 48	28°50'14	13°14	11°20	3°34	16°31	5°49	27° 0	27°41	13°21	14° 1	29°40	28°19	23°32	7°43	W11
T 12	15 54 45	29°47'47	28° 3	13° 9	4°46	17° 8	5°41	26°55	27°39	13°19	14° 0	29°37	28°16	23°39	7°46	T 12
F 13	15 58 42	0°45'19	13°8 1	15° 0	5°59	17°44	5°34	26°51	27°37	13°17	13°59	29°32	28°13	23°45	7°48	F 13
S 14	16 2 38	1°42'50	28° 0	16°53	7°12	18°20	5°26	26°47	27°35	13°16	13°58	29°24	28° 9	23°52	7°51	S 14
S 15	16 6 35	2°40'20	12°15	18°48	8°24	18°57	5°18	26°42	27°32	13°14	13°57	29°15	28° 6	23°59	7°53	S 15
M16	16 10 31	3°37'50	27°26	20°46	9°37	19°33	5°11	26°38	27°30	13°13	13°56	29° 5	28° 3	24° 5	7°56	M16
T 17	16 14 28	4°35'17	11°37	22°46	10°50	20° 9	5° 3	26°33	27°28	13°11	13°55	28°56	28° 0	24°12	7°58	T 17
W18	16 18 24	5°32'44	25°21	24°47	12° 2	20°46	4°55	26°29	27°26	13°10	13°54	28°48	27°57	24°19	8° 0	W18
T 19	16 22 21	6°30'10	8°38	26°51	13°15	21°22	4°48	26°25	27°24	13° 8	13°53	28°43	27°54	24°25	8° 3	T 19
F 20	16 26 17	7°27'34	21°27	28°56	14°28	21°58	4°40	26°20	27°22	13° 6	13°53	28°40	27°50	24°32	8° 5	F 20
S 21	16 30 14	8°24'57	3°55	1°11 3	15°40	22°35	4°32	26°16	27°19	13° 5	13°52	28°D39	27°47	24°38	8° 7	S 21
S 22	16 34 11	9°22'19	16° 4	3°11	16°53	23°11	4°25	26°12	27°17	13° 3	13°51	28°39	27°44	24°45	8° 9	S 22
M23	16 38 7	10°19'40	28° 1	5°21	18° 6	23°48	4°17	26° 7	27°15	13° 1	13°50	28°R39	27°41	24°52	8°11	M23
T 24	16 42 4	11°17'00	9°15	7°31	19°19	24°24	4°10	26° 3	27°12	13° 0	13°50	28°38	27°38	24°58	8°13	T 24
W25	16 46 0	12°14'19	21°38	9°42	20°31	25° 1	4° 2	25°59	27°10	12°58	13°49	28°36	27°34	25° 5	8°15	W25
T 26	16 49 57	13°11'36	3°18	11°54	21°44	25°37	3°55	25°55	27° 8	12°57	13°48	28°32	27°31	25°12	8°17	T 26
F 27	16 53 53	14° 8'53	15°24	14° 6	22°57	26°14	3°47	25°51	27° 5	12°55	13°48	28°24	27°28	25°18	8°19	F 27
S 28	16 57 50	15° 6'10	27°28	16°18	24°10	26°50	3°40	25°47	27° 3	12°53	13°47	28°15	27°25	25°25	8°21	S 28
S 29	17 1 46	16° 3'25	9°43	18°30	25°22	27°27	3°33	25°43	27° 1	12°52	13°46	28° 3	27°22	25°32	8°23	S 29
M30	17 5 43	17° 0'40	22°10	20°40	26°35	28° 3	3°25	25°39	26°58	12°50	13°46	27°50	27°19	25°38	8°25	M30
T 31	17 9 40	17°57'55	4°34	22°15	27°48	28°40	3°18	25°18	26°56	12°49	13°45	27°37	27°15	25°45	8°27	T 31

Delta T = 05m22s

Julian Calendar 1 May 1485 == Greg. Calendar 10 May 1485

JUNE 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	17 13 36	18°15'09	17°39	25°11 0	29°8 1	29°17	3°R11	25°R31	26°R54	12°R47	13°R45	27°R26	27°12	25°52	8°17	W 1
T 2	17 17 33	19°52'22	0°42	27° 7	0°11 14	29°53	3°57	25°23	26°51	12°45	13°44	27°17	27° 9	25°58	8°30	T 2
F 3	17 21 29	20°49'36	13°56	29°14	1°27	0°130	2°57	25°23	26°49	12°44	13°44	27°10	27° 6	26° 5	8°32	F 3
S 4	17 25 26	21°46'49	27°21	1°18	2°40	1° 7	2°50	25°19	26°46	12°42	13°44	27° 7	27° 3	26°12	8°33	S 4
S 5	17 29 22	22°44'01	10°59	3°21	3°53	1°43	2°43	25°16	26°44	12°41	13°43	27° 5	27° 0	26°18	8°35	S 5
M 6	17 33 19	23°41'14	24°51	5°22	5° 6	2°20	2°36	25°12	26°41	12°39	13°43	27° 5	26°56	26°25	8°36	M 6
T 7	17 37 15	24°38'27	8°55	7°22	6°19	2°57	2°30	25° 9	26°39	12°37	13°43	27° 5	26°53	26°32	8°37	T 7
W 8	17 41 12	25°35'39	23°13	9°19	7°32	3°34	2°23	25° 5	26°37	12°36	13°43	27° 3	26°50	26°38	8°39	W 8
T 9	17 45 9	26°32'52	7°42	11°14	8°45	4°10	2°17	25° 2	26°34	12°34	13°42	27° 0	26°47	26°45	8°40	T 9
F 10	17 49 5	27°30'04	22°18	13° 7	9°58	4°47	2°10	24°58	26°32	12°33	13°42	26°53	26°44	26°52	8°41	F 10
S 11	17 53 2	28°27'17	6°15	14°58	11°11	5°24	2° 4	24°55	26°29	12°31	13°42	26°44	26°40	26°58	8°43	S 11
S 12	17 56 58	29°24'30	21°28	16°47	12°24	6° 1	1°58	24°52	26°27	12°30	13°42	26°34	26°37	27° 5	8°44	S 12
M13	18 0 55	0°21'42	5°48	18°34	13°37	6°38	1°52	24°48	26°24	12°28	13°42	26°22	26°34	27°12	8°45	M13
T 14	18 4 51	1°18'55	19°50	20°18	14°50	7°15	1°46	24°45	26°22	12°27	13°42	26°11	26°31	27°18	8°46	T 14
W15	18 8 48	2°16'07	3°18	22° 1	16° 3	7°52	1°41	24°42	26°20	12°25	13°D42	26° 2	26°28	27°25	8°47	W15
T 16	18 12 45	3°13'19	16°42	23°41	17°17	8°29	1°35	24°39	26°17	12°24	13°42	25°54	26°25	27°32	8°48	T 16
F 17	18 16 41	4°10'30	29°31	25°19	18°30	9° 6	1°30	24°36	26°15	12°22	13°42	25°50	26°21	27°38	8°49	F 17
S 18	18 20 38	5° 7'41	11°59	26°55	19°43	9°43	1°24	24°33	26°12	12°21	13°42	25°48	26°18	27°45	8°50	S 18
S 19	18 24 34	6° 4'52	24°10	28°28	20°56	10°20	1°19	24°31	26°10	12°19	13°42	25°D47	26°15	27°52	8°50	S 19
M20	18 28 31	7° 2'03	6°18	29°59	22°10	10°57	1°14	24°28	26° 8	12°18	13°42	25°R47	26°12	27°58	8°51	M20
T 21	18 32 27	7°59'14	17°59	1°29	23°23	11°34	1° 9	24°25	26° 5	12°16	13°43	25°47	26° 9	28° 5	8°52	T 21
W22	18 36 24	8°56'25	29°48	2°56	24°36	12°11	1° 4	24°23	26° 3	12°15	13°43	25°45	26° 5	28°12	8°53	W22
T 23	18 40 20	9°53'35	11°14	4°21	25°49	12°48	1° 0	24°20	26° 0	12°14	13°43	25°41	26° 2	28°18	8°53	T 23
F 24	18 44 17	10°50'46	23°41	5°44	27° 3	13°25	0°55	24°18	25°58	12°12	13°43	25°35	25°59	28°25	8°54	F 24
S 25	18 48 14	11°47'56	5°53	7° 4	28°16	14° 2	0°51	24°16	25°56	12°11	13°44	25°26	25°56	28°32	8°54	S 25
S 26	18 52 10	12°45'07	18°18	8°22	29°29	14°39	0°47	24°13	25°54	12° 9	13°44	25°15	25°53	28°38	8°55	S 26
M27	18 56 7	13°42'18	0°35	9°37	0°43	15°17	0°43	24°11	25°51	12° 8	13°44	25° 4	25°50	28°45	8°55	M27
T 28	19 0 3	14°39'29	13°56	10°50	1°56	15°54	0°39	24° 9	25°49	12° 7	13°45	24°52	25°46	28°52	8°55	T 28
W29	19 4 0	15°36'41	27° 7	12° 1	3°10	16°31	0°36	24° 7	25°47	12° 6	13°45	24°41	25°43	28°58	8°56	W29
T 30	19 7 56	16°33'53	10°31	13°19	4°23	17°18	0°32	24°18	25°45	12°57	13°46	24°33	25°40	29° 5	8°57	T 30

Delta T = 05m22s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1485
geocentric

JULY 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	19 11 53	17°31'05	24°37' 7	14°14	5°37	17°146	0°R29	24°R 4	25°R42	12°R 3	13°46	24°R27	25°37	29°12	8°56	F 1
S 2	19 15 49	18°28'18	7°51	15°16	6°50	18°23	0°26	24°11	25°40	12°2	13°47	24°24	25°34	29°18	8°56	S 2
S 3	19 19 46	19°25'32	21°44	16°16	8° 4	19° 0	0°23	24° 0	25°38	12° 1	13°48	24°D23	25°31	29°25	8°56	S 3
M 4	19 23 43	20°22'46	5°43	17°12	9°17	19°37	0°20	23°59	25°36	11°59	13°48	24°23	25°27	29°32	8°56	M 4
T 5	19 27 39	21°20'01	19°48	18° 6	10°31	20°15	0°18	23°57	25°34	11°58	13°49	24°R23	25°24	29°38	8°56	T 5
W 6	19 31 36	22°17'18	3°58	18°56	11°44	20°52	0°15	23°56	25°32	11°57	13°50	24°23	25°21	29°45	8°56	W 6
T 7	19 35 32	23°14'35	18°12	19°43	12°58	21°30	0°13	23°55	25°30	11°56	13°50	24°21	25°18	29°52	8°56	T 7
F 8	19 39 29	24°11'53	2°126	20°26	14°12	22° 7	0°11	23°54	25°28	11°55	13°51	24°16	25°15	29°58	8°55	F 8
S 9	19 43 25	25° 9'12	16°39	21° 6	15°25	22°45	0° 9	23°53	25°25	11°54	13°52	24° 9	25°11	0°11	8°55	S 9
S 10	19 47 22	26° 6'32	0°46	21°41	16°39	23°22	0° 8	23°52	25°24	11°53	13°53	24° 0	25° 8	0°12	8°55	S 10
M 11	19 51 18	27° 3'53	14°41	22°13	17°53	24° 0	0° 6	23°51	25°22	11°52	13°54	23°51	25° 5	0°18	8°54	M 11
T 12	19 55 15	28° 1'15	28°22	22°41	19° 7	24°37	0° 5	23°50	25°20	11°51	13°54	23°42	25° 2	0°25	8°54	T 12
W 13	19 59 12	28°58'38	11°45	23° 4	20°20	25°15	0° 4	23°49	25°18	11°50	13°55	23°35	24°59	0°32	8°54	W 13
T 14	20 3 8	29°56'01	24°48	23°23	21°34	25°52	0° 3	23°49	25°16	11°49	13°56	23°29	24°56	0°39	8°53	T 14
F 15	20 7 5	0°53'25	7°30	23°37	22°48	26°30	0° 2	23°48	25°14	11°48	13°57	23°26	24°52	0°45	8°52	F 15
S 16	20 11 1	1°50'49	19°55	23°46	24° 2	27° 8	0° 2	23°48	25°12	11°47	13°58	23°D24	24°49	0°52	8°52	S 16
S 17	20 14 58	2°48'15	2°4	23°R50	25°16	27°45	0° 1	23°48	25°10	11°46	13°59	23°24	24°46	0°59	8°51	S 17
M 18	20 18 54	3°45'41	14° 2	23°49	26°30	28°23	0° 1	23°48	25° 9	11°45	14° 1	23°26	24°43	1° 5	8°50	M 18
T 19	20 22 51	4°43'07	25°54	23°43	27°43	29° 1	0°D 1	23°D47	25° 7	11°44	14° 2	23°27	24°40	1°12	8°49	T 19
W 20	20 26 47	5°40'35	7°44	23°32	28°57	29°39	0° 1	23°47	25° 5	11°44	14° 3	23°R27	24°37	1°19	8°49	W 20
T 21	20 30 44	6°38'03	19°38	23°15	0°11	0°16	0° 2	23°48	25° 4	11°43	14° 4	23°26	24°33	1°25	8°48	T 21
F 22	20 34 41	7°35'32	1°40	22°53	1°25	0°54	0° 2	23°48	25° 2	11°42	14° 5	23°23	24°30	1°32	8°47	F 22
S 23	20 38 37	8°33'02	13°56	22°26	2°39	1°32	0° 3	23°48	25° 1	11°41	14° 6	23°19	24°27	1°39	8°46	S 23
S 24	20 42 34	9°30'33	26°28	21°54	3°53	2°10	0° 4	23°48	24°59	11°41	14° 8	23°12	24°24	1°45	8°45	S 24
M 25	20 46 30	10°28'05	9°31	21°17	5° 7	2°48	0° 5	23°49	24°58	11°40	14° 9	23° 5	24°21	1°52	8°43	M 25
T 26	20 50 27	11°25'38	22°30	20°36	6°21	3°26	0° 6	23°49	24°56	11°39	14°10	22°58	24°17	1°59	8°42	T 26
W 27	20 54 23	12°23'12	6°0	19°52	7°35	4° 4	0° 8	23°50	24°55	11°39	14°12	22°52	24°14	2° 5	8°41	W 27
T 28	20 58 20	13°20'48	19°46	19° 5	8°49	4°42	0° 9	23°51	24°53	11°38	14°13	22°47	24°11	2°12	8°40	T 28
F 29	21 2 17	14°18'24	3°46	18°16	10° 4	5°20	0°11	23°52	24°52	11°38	14°14	22°44	24° 8	2°19	8°39	F 29
S 30	21 6 13	15°16'02	17°56	17°26	11°18	5°58	0°13	23°53	24°51	11°37	14°16	22°D42	24° 5	2°25	8°37	S 30
S 31	21 10 10	16°13'41	2°12	16°135	12°132	6°36	0°15	23°54	24°50	11°37	14°17	22°H43	24°H 2	2°32	8°36	S 31

Delta T = 05m22s

Julian Calendar 1 July 1485 == Greg. Calendar 10 July 1485

AUGUST 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	21 14 6	17°11'22	16°30	15°R45	13°146	7°14	0°18	23°55	24°R48	11°R36	14°19	22°H44	23°H58	24°39	8°R34	M 1
T 2	21 18 3	18° 9'04	0°47	14°56	15° 0	7°52	0°20	23°56	24°47	11°36	14°20	22°45	23°55	2°45	8°Y33	T 2
W 3	21 21 59	19° 6'48	1° 0	14°10	16°14	8°30	0°23	23°58	24°46	11°35	14°22	22°R46	23°52	2°52	8°31	W 3
T 4	21 25 56	20° 4'34	2° 8	13°28	17°29	9° 8	0°26	23°59	24°45	11°35	14°24	22°46	23°49	2°59	8°30	T 4
F 5	21 29 52	21° 2'22	13°11	12°51	18°43	9°46	0°29	24° 1	24°44	11°35	14°25	22°44	23°46	3° 5	8°28	F 5
S 6	21 33 49	22° 0'12	2° 0	12°18	19°57	10°25	0°32	24° 2	24°43	11°34	14°27	22°41	23°43	3°12	8°26	S 6
S 7	21 37 46	22°58'03	10°42	11°52	21°12	11° 3	0°36	24° 4	24°42	11°34	14°28	22°37	23°39	3°19	8°25	S 7
M 8	21 41 42	23°55'56	24°11	11°33	22°26	11°41	0°39	24° 6	24°41	11°34	14°30	22°33	23°36	3°25	8°23	M 8
T 9	21 45 39	24°53'50	7°127	11°21	23°40	12°19	0°43	24° 8	24°41	11°34	14°32	22°28	23°33	3°32	8°21	T 9
W 10	21 49 35	25°51'46	20°28	11°D17	24°55	12°58	0°47	24°10	24°40	11°34	14°34	22°25	23°30	3°39	8°19	W 10
T 11	21 53 32	26°49'44	3°13	11°20	26° 9	13°36	0°51	24°12	24°39	11°34	14°35	22°22	23°27	3°45	8°17	T 11
F 12	21 57 28	27°47'43	15°44	11°32	27°23	14°15	0°55	24°14	24°38	11°33	14°37	22°21	23°23	3°52	8°15	F 12
S 13	22 1 25	28°45'44	28° 0	11°52	28°38	14°53	1° 0	24°16	24°38	11°33	14°39	22°D21	23°20	3°59	8°13	S 13
S 14	22 5 21	29°43'46	10°45	12°20	29°52	15°32	1° 4	24°19	24°37	11°33	14°41	22°22	23°17	4° 5	8°11	S 14
M 15	22 9 18	0°41'50	22° 1	12°57	1°17	16°10	1° 9	24°21	24°37	11°D33	14°43	22°23	23°14	4°12	8° 9	M 15
T 16	22 13 14	1°39'55	3°152	13°41	2°21	16°49	1°14	24°24	24°36	11°33	14°44	22°25	23°11	4°19	8° 7	T 16
W 17	22 17 11	2°38'02	15°41	14°33	3°36	17°27	1°19	24°26	24°36	11°33	14°46	22°26	23° 8	4°25	8° 5	W 17
T 18	22 21 8	3°36'10	27°35	15°32	4°50	18° 6	1°24	24°29	24°35	11°33	14°48	22°27	23° 4	4°32	8° 3	T 18
F 19	22 25 4	4°34'20	9°37	16°38	6° 5	18°44	1°30	24°32	24°35	11°34	14°50	22°R27	23° 1	4°39	8° 1	F 19
S 20	22 29 1	5°32'31	21°52	17°51	7°19	19°23	1°35	24°35	24°35	11°34	14°52	22°26	22°58	4°46	7°58	S 20
S 21	22 32 57	6°30'44	4°32	19° 9	8°34	20° 2	1°41	24°38	24°35	11°34	14°54	22°25	22°55	4°52	7°56	S 21
M 22	22 36 54	7°28'58	17°17	20°33	9°48	20°41	1°47	24°41	24°34	11°34	14°56	22°23	22°52	4°59	7°54	M 22
T 23	22 40 50	8°27'14	0°34	22° 3	11° 3	21°19	1°53	24°44	24°34	11°34	14°58	22°21	22°49	5° 6	7°51	T 23
W 24	22 44 47	9°25'32	14°14	23°36	12°17	21°58	1°59	24°47	24°34	11°35	15° 0	22°20	22°45	5°12	7°49	W 24
T 25	22 48 43	10°23'51	28°16	25°14	13°32	22°37	2° 6	24°51	24°D34	11°35	15° 2	22°18	22°42	5°19	7°47	T 25
F 26	22 52 40	11°22'12	12°37	26°55	14°47	23°16	2°12	24°54	24°34	11°35	15° 4	22°18	22°39	5°26	7°44	F 26
S 27	22 56 37	12°20'35	27°13	28°39	16° 1	23°55	2°19	24°57	24°34	11°36	15° 6	22°D17	22°36	5°32	7°42	S 27
S 28	23 0 33	13°18'59	11°55	0°25	17°16	24°34	2°25	25° 1	24°34	11°36	15° 8	22°18	22°33	5°39	7°39	S 28
M 29	23 4 30	14°17'26	26°38	2°13	18°30	25°13	2°32	25° 5	24°34	11°37	15°10	22°18	22°29	5°46	7°37	M 29
T 30	23 8 26	15°15'55	11°16	4° 2	19°45	25°52	2°39	25° 8	24°35	11°37	15°13	22°19	22°26	5°52	7°34	T 30
W 31	23 12 23	16°14'26	25°44	5°53	21°17	26°31	2°47	25°12	24°35	11°38	15°15	22°H20	22°H23	5°59	7°32	W 31

Delta T = 05m21s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1485

geocentric

SEPTEMBER 1485 JC

00:00 UT

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

Delta T = 05m21s

Julian Calendar 1 Sept. 1485 == Greg. Calendar 10 Sept. 1485

OCTOBER 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 14 36	16 ⁴⁵ 37	17 ⁵⁰ 50	29 ⁴⁵ 29	29 ⁴⁵ 38	16 ⁴⁵ 59	7 ³¹ 31	27 ⁴⁶ 46	25 ³¹ 8	12 ³¹ 9	16 ⁴⁵ 27	22 ¹⁰ D 5	20 ³¹ 45	9 ⁴⁶ 26	6 ¹⁰ R 6	S 1
S 2	1 18 33	17 ⁴⁵ 14	1 ¹⁰ 7	1 ¹⁰ 1	0 ¹⁰ 53	17 ³⁹	7 ⁴²	27 ⁵²	25 ¹⁰	12 ¹¹	16 ²⁹	22 ¹¹ 6	20 ⁴¹	9 ³³	6 ¹⁰ Y 4	S 2
M 3	1 22 29	18 ⁴⁴ 53	14 ²	2 ³³	2 ⁷	18 ²⁰	7 ⁵³	27 ⁵⁸	25 ¹²	12 ¹²	16 ³²	22 ⁷	20 ³⁸	9 ⁴⁰	6 ¹	M 3
T 4	1 26 26	19 ⁴⁴ 35	26 ³⁹	4 ⁴	3 ²²	19 ⁰	8 ⁴	28 ⁴	25 ¹⁴	12 ¹⁴	16 ³⁴	22 ⁹	20 ³⁵	9 ⁴⁶	5 ⁵⁸	T 4
W 5	1 30 22	20 ⁴⁴ 19	9 ¹⁰ 2	5 ³⁴	4 ³⁷	19 ⁴⁰	8 ¹⁵	28 ¹⁰	25 ¹⁶	12 ¹⁵	16 ³⁶	22 ¹⁰	20 ³²	9 ⁵³	5 ⁵⁵	W 5
T 6	1 34 19	21 ⁴⁴ 05	21 ¹⁴	7 ⁴	5 ⁵²	20 ²¹	8 ²⁷	28 ¹⁶	25 ¹⁸	12 ¹⁷	16 ³⁹	22 ¹¹ R 11	20 ²⁹	10 ⁰	5 ⁵³	T 6
F 7	1 38 15	22 ⁴³ 54	3 ¹⁵ 17	8 ³³	7 ⁷	21 ¹	8 ³⁸	28 ²²	25 ²⁰	12 ¹⁹	16 ⁴¹	22 ¹¹	20 ²⁶	10 ⁶	5 ⁵⁰	F 7
S 8	1 42 12	23 ⁴³ 44	15 ¹³	10 ²	8 ²²	21 ⁴²	8 ⁴⁹	28 ²⁸	25 ²²	12 ²⁰	16 ⁴⁴	22 ⁸	20 ²²	10 ¹³	5 ⁴⁷	S 8
S 9	1 46 8	24 ⁴³ 37	27 ⁶	11 ³⁰	9 ³⁶	22 ²²	9 ¹	28 ³⁴	25 ²⁵	12 ²²	16 ⁴⁶	22 ⁴	20 ¹⁹	10 ²⁰	5 ⁴⁵	S 9
M10	1 50 5	25 ⁴³ 31	8 ¹⁰ 56	12 ⁵⁷	10 ⁵¹	23 ³	9 ¹²	28 ⁴¹	25 ²⁷	12 ²³	16 ⁴⁸	21 ⁵⁹	20 ¹⁶	10 ²⁶	5 ⁴²	M10
T 11	1 54 1	26 ⁴³ 28	20 ⁴⁶	14 ²³	12 ⁶	23 ⁴³	9 ²⁴	28 ⁴⁷	25 ²⁹	12 ²⁵	16 ⁵¹	21 ⁵³	20 ¹³	10 ³³	5 ⁴⁰	T 11
W12	1 57 58	27 ⁴³ 26	2 ³⁷ 37	15 ⁴⁹	13 ²¹	24 ²⁴	9 ³⁶	28 ⁵³	25 ³¹	12 ²⁷	16 ⁵³	21 ⁴⁶	20 ¹⁰	10 ⁴⁰	5 ³⁷	W12
T 13	2 1 55	28 ⁴³ 26	14 ³²	17 ¹⁵	14 ³⁶	25 ⁵	9 ⁴⁸	29 ⁰	25 ³⁴	12 ²⁹	16 ⁵⁵	21 ³⁹	20 ⁶	10 ⁴⁷	5 ³⁴	T 13
F 14	2 5 51	29 ⁴³ 28	26 ³⁴	18 ³⁹	15 ⁵¹	25 ⁴⁵	9 ⁵⁹	29 ⁶	25 ³⁶	12 ³⁰	16 ⁵⁸	21 ³³	20 ³	10 ⁵³	5 ³²	F 14
S 15	2 9 48	0 ⁴³ 31	8 ³⁵ 45	20 ³	17 ⁶	26 ²⁶	10 ¹¹	29 ¹³	25 ³⁸	12 ³²	17 ⁰	21 ²⁹	20 ⁰	11 ⁰	5 ²⁹	S 15
S 16	2 13 44	1 ⁴³ 37	21 ¹⁰	21 ²⁶	18 ²⁰	27 ⁷	10 ²³	29 ¹⁹	25 ⁴¹	12 ³⁴	17 ³	21 ²⁷	19 ⁵⁷	11 ⁷	5 ²⁷	S 16
M17	2 17 41	2 ⁴³ 44	3 ⁵²	22 ⁴⁸	19 ³⁵	27 ⁴⁸	10 ³⁶	29 ²⁶	25 ⁴³	12 ³⁶	17 ⁵	21 ²⁶ D 26	19 ⁵⁴	11 ¹³	5 ²⁴	M17
T 18	2 21 37	3 ⁴³ 52	16 ⁵⁶	24 ⁹	20 ⁵⁰	28 ²⁹	10 ⁴⁸	29 ³²	25 ⁴⁶	12 ³⁸	17 ⁷	21 ²⁷	19 ⁵¹	11 ²⁰	5 ²²	T 18
W19	2 25 34	4 ⁴⁴ 02	0 ¹⁰ 25	25 ²⁹	22 ⁵	29 ¹⁰	11 ⁰	29 ³⁹	25 ⁴⁸	12 ⁴⁰	17 ¹⁰	21 ²⁸	19 ⁴⁷	11 ²⁷	5 ²⁰	W19
T 20	2 29 30	5 ⁴⁴ 13	14 ²¹	26 ⁴⁸	23 ²⁰	29 ⁵¹	11 ¹²	29 ⁴⁶	25 ⁵¹	12 ⁴¹	17 ¹²	21 ²⁹ R 30	19 ⁴⁴	11 ³³	5 ¹⁷	T 20
F 21	2 33 27	6 ⁴⁴ 26	28 ⁴⁵	28 ⁵	24 ³⁵	0 ¹⁰ 32	11 ²⁵	29 ⁵²	25 ⁵⁴	12 ⁴³	17 ¹⁴	21 ²⁹	19 ⁴¹	11 ⁴⁰	5 ¹⁵	F 21
S 22	2 37 24	7 ⁴⁴ 40	13 ³⁷ 34	29 ²¹	25 ⁴⁹	1 ¹³	11 ³⁷	29 ⁵⁹	25 ⁵⁶	12 ⁴⁵	17 ¹⁶	21 ²⁸	19 ³⁸	11 ⁴⁷	5 ¹³	S 22
S 23	2 41 20	8 ⁴⁴ 57	28 ⁴²	0 ³⁷ 36	27 ⁴	1 ⁵⁴	11 ⁴⁹	0 ³⁷ 6	25 ⁵⁹	12 ⁴⁷	17 ¹⁹	21 ²⁴	19 ³⁵	11 ⁵³	5 ¹¹	S 23
M24	2 45 17	9 ⁴⁵ 15	14 ¹⁸ 1	1 ⁴⁹	28 ¹⁹	2 ³⁵	12 ²	0 ¹²	26 ²	12 ⁴⁹	17 ²¹	21 ¹⁷	19 ³²	12 ⁰	5 ⁸	M24
T 25	2 49 13	10 ⁴⁵ 34	29 ¹⁹	3 ⁰	29 ³⁴	3 ¹⁶	12 ¹⁴	0 ¹⁹	26 ⁴	12 ⁵¹	17 ²³	21 ¹⁰	19 ²⁸	12 ⁷	5 ⁶	T 25
W26	2 53 10	11 ⁴⁵ 56	14 ¹¹ 25	4 ⁹	0 ³⁷ 49	3 ⁵⁷	12 ²⁷	0 ²⁶	26 ⁷	12 ⁵³	17 ²⁵	21 ²	19 ²⁵	12 ¹⁴	5 ⁴	W26
T 27	2 57 6	12 ⁴⁶ 19	29 ¹¹	5 ¹⁵	2 ³	4 ³⁸	12 ⁴⁰	0 ³³	26 ¹⁰	12 ⁵⁵	17 ²⁸	20 ⁵⁵	19 ²²	12 ²⁰	5 ²	T 27
F 28	3 1 3	13 ⁴⁶ 45	13 ⁵² 29	6 ¹⁹	3 ¹⁸	5 ²⁰	12 ⁵³	0 ⁴⁰	26 ¹³	12 ⁵⁷	17 ³⁰	20 ⁴⁹	19 ¹⁹	12 ²⁷	5 ⁰	F 28
S 29	3 5 0	14 ⁴⁷ 12	27 ¹⁸	7 ¹⁹	4 ³³	6 ¹	13 ⁵	0 ⁴⁷	26 ¹⁶	12 ⁵⁹	17 ³²	20 ⁴⁵	19 ¹⁶	12 ³⁴	4 ⁵⁸	S 29
S 30	3 8 56	15 ⁴⁷ 41	10 ¹⁰ 37	8 ¹⁶	5 ⁴⁸	6 ⁴³	13 ¹⁸	0 ⁵³	26 ¹⁹	13 ¹	17 ³⁴	20 ²⁰ D 44	19 ¹²	12 ⁴⁰	4 ⁵⁶	S 30
M31	3 12 53	16 ⁴⁸ 12	23 ¹⁰ 31	9 ³⁷ 9	7 ³⁷ 2	7 ¹⁰ 24	13 ³⁷ 31	1 ³⁷ 0	26 ²² 22	13 ³⁷ 3	17 ³⁵ 36	20 ³¹ 44	19 ¹¹ 9	12 ⁴⁰ 47	4 ¹⁰ Y 54	M31

ASTRODIENST EPHEMERIS for the year 1485

geocentric

NOVEMBER 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	3 16 49	17 ¹¹ 48'45	6 ¹¹ 3	9 ¹¹ 58	8 ¹¹ 17	8 ¹¹ 5	13 ¹¹ 44	1 ¹¹ 7	26 ¹¹ 25	13 ¹¹ 5	17 ¹¹ 39	20 ¹¹ 45	19 ¹¹ 6	12 ¹¹ 54	4 ¹¹ 52	T 1
W 2	3 20 46	18 ¹¹ 49'20	18 ¹¹ 18	10 ¹¹ 42	9 ¹¹ 32	8 ¹¹ 47	13 ¹¹ 57	1 ¹¹ 14	26 ¹¹ 28	13 ¹¹ 7	17 ¹¹ 41	20 ¹¹ 45	19 ¹¹ 3	13 ¹¹ 0	4 ¹¹ 50	W 2
T 3	3 24 42	19 ¹¹ 49'56	0 ¹¹ 21	11 ¹¹ 20	10 ¹¹ 47	9 ¹¹ 29	14 ¹¹ 10	1 ¹¹ 21	26 ¹¹ 31	13 ¹¹ 10	17 ¹¹ 43	20 ¹¹ 45	19 ¹¹ 0	13 ¹¹ 7	4 ¹¹ 48	T 3
F 4	3 28 39	20 ¹¹ 50'34	12 ¹¹ 16	11 ¹¹ 52	12 ¹¹ 2	10 ¹¹ 10	14 ¹¹ 23	1 ¹¹ 28	26 ¹¹ 34	13 ¹¹ 12	17 ¹¹ 45	20 ¹¹ 42	18 ¹¹ 57	13 ¹¹ 14	4 ¹¹ 47	F 4
S 5	3 32 35	21 ¹¹ 51'14	24 ¹¹ 7	12 ¹¹ 16	13 ¹¹ 16	10 ¹¹ 52	14 ¹¹ 36	1 ¹¹ 35	26 ¹¹ 37	13 ¹¹ 14	17 ¹¹ 47	20 ¹¹ 37	18 ¹¹ 53	13 ¹¹ 21	4 ¹¹ 45	S 5
S 6	3 36 32	22 ¹¹ 51'56	5 ¹¹ 56	12 ¹¹ 33	14 ¹¹ 31	11 ¹¹ 34	14 ¹¹ 49	1 ¹¹ 42	26 ¹¹ 40	13 ¹¹ 16	17 ¹¹ 49	20 ¹¹ 29	18 ¹¹ 50	13 ¹¹ 27	4 ¹¹ 43	S 6
M 7	3 40 28	23 ¹¹ 52'38	17 ¹¹ 46	12 ¹¹ 42	15 ¹¹ 46	12 ¹¹ 15	15 ¹¹ 3	1 ¹¹ 49	26 ¹¹ 43	13 ¹¹ 18	17 ¹¹ 51	20 ¹¹ 18	18 ¹¹ 47	13 ¹¹ 34	4 ¹¹ 42	M 7
T 8	3 44 25	24 ¹¹ 53'23	29 ¹¹ 39	12 ¹¹ 41	17 ¹¹ 1	12 ¹¹ 57	15 ¹¹ 16	1 ¹¹ 56	26 ¹¹ 47	13 ¹¹ 20	17 ¹¹ 53	20 ¹¹ 6	18 ¹¹ 44	13 ¹¹ 41	4 ¹¹ 40	T 8
W 9	3 48 22	25 ¹¹ 54'09	11 ¹¹ 36	12 ¹¹ 30	18 ¹¹ 15	13 ¹¹ 39	15 ¹¹ 29	2 ¹¹ 3	26 ¹¹ 50	13 ¹¹ 23	17 ¹¹ 55	19 ¹¹ 53	18 ¹¹ 41	13 ¹¹ 47	4 ¹¹ 39	W 9
T 10	3 52 18	26 ¹¹ 54'56	23 ¹¹ 38	12 ¹¹ 8	19 ¹¹ 30	14 ¹¹ 21	15 ¹¹ 42	2 ¹¹ 10	26 ¹¹ 53	13 ¹¹ 25	17 ¹¹ 57	19 ¹¹ 40	18 ¹¹ 38	13 ¹¹ 54	4 ¹¹ 37	T 10
F 11	3 56 15	27 ¹¹ 55'44	5 ¹¹ 46	11 ¹¹ 35	20 ¹¹ 45	15 ¹¹ 3	15 ¹¹ 56	2 ¹¹ 17	26 ¹¹ 56	13 ¹¹ 27	17 ¹¹ 59	19 ¹¹ 28	18 ¹¹ 34	14 ¹¹ 1	4 ¹¹ 36	F 11
S 12	4 0 11	28 ¹¹ 56'33	18 ¹¹ 3	10 ¹¹ 52	22 ¹¹ 0	15 ¹¹ 45	16 ¹¹ 9	2 ¹¹ 24	26 ¹¹ 59	13 ¹¹ 29	18 ¹¹ 1	19 ¹¹ 19	18 ¹¹ 31	14 ¹¹ 7	4 ¹¹ 34	S 12
S 13	4 4 8	29 ¹¹ 57'24	0 ¹¹ 31	9 ¹¹ 58	23 ¹¹ 14	16 ¹¹ 27	16 ¹¹ 23	2 ¹¹ 32	27 ¹¹ 3	13 ¹¹ 31	18 ¹¹ 3	19 ¹¹ 13	18 ¹¹ 28	14 ¹¹ 14	4 ¹¹ 33	S 13
M14	4 8 4	0 ¹¹ 58'15	13 ¹¹ 13	8 ¹¹ 54	24 ¹¹ 29	17 ¹¹ 9	16 ¹¹ 36	2 ¹¹ 39	27 ¹¹ 6	13 ¹¹ 34	18 ¹¹ 5	19 ¹¹ 9	18 ¹¹ 25	14 ¹¹ 21	4 ¹¹ 32	M14
T 15	4 12 1	1 ¹¹ 59'07	26 ¹¹ 12	7 ¹¹ 43	25 ¹¹ 44	17 ¹¹ 51	16 ¹¹ 50	2 ¹¹ 46	27 ¹¹ 9	13 ¹¹ 36	18 ¹¹ 7	19 ¹¹ 7	18 ¹¹ 22	14 ¹¹ 28	4 ¹¹ 31	T 15
W16	4 15 58	3 ¹¹ 0'00	9 ¹¹ 31	6 ¹¹ 25	26 ¹¹ 58	18 ¹¹ 33	17 ¹¹ 3	2 ¹¹ 53	27 ¹¹ 13	13 ¹¹ 38	18 ¹¹ 9	19 ¹¹ D 7	18 ¹¹ 18	14 ¹¹ 34	4 ¹¹ 29	W16
T 17	4 19 54	4 ¹¹ 0'54	23 ¹¹ 14	5 ¹¹ 3	28 ¹¹ 13	19 ¹¹ 15	17 ¹¹ 17	3 ¹¹ 0	27 ¹¹ 16	13 ¹¹ 40	18 ¹¹ 11	19 ¹¹ R 8	18 ¹¹ 15	14 ¹¹ 41	4 ¹¹ 28	T 17
F 18	4 23 51	5 ¹¹ 1'48	7 ¹¹ 23	3 ¹¹ 40	29 ¹¹ 28	19 ¹¹ 57	17 ¹¹ 30	3 ¹¹ 7	27 ¹¹ 20	13 ¹¹ 42	18 ¹¹ 12	19 ¹¹ 6	18 ¹¹ 12	14 ¹¹ 48	4 ¹¹ 27	F 18
S 19	4 27 47	6 ¹¹ 2'44	21 ¹¹ 57	2 ¹¹ 19	0 ¹¹ 42	20 ¹¹ 39	17 ¹¹ 44	3 ¹¹ 14	27 ¹¹ 23	13 ¹¹ 45	18 ¹¹ 14	19 ¹¹ 3	18 ¹¹ 9	14 ¹¹ 54	4 ¹¹ 26	S 19
S 20	4 31 44	7 ¹¹ 3'40	6 ¹¹ 52	1 ¹¹ 2	1 ¹¹ 57	21 ¹¹ 22	17 ¹¹ 57	3 ¹¹ 21	27 ¹¹ 26	13 ¹¹ 47	18 ¹¹ 16	18 ¹¹ 57	18 ¹¹ 6	15 ¹¹ 1	4 ¹¹ 25	S 20
M21	4 35 40	8 ¹¹ 4'37	22 ¹¹ 2	29 ¹¹ 52	3 ¹¹ 12	22 ¹¹ 4	18 ¹¹ 11	3 ¹¹ 28	27 ¹¹ 30	13 ¹¹ 49	18 ¹¹ 18	18 ¹¹ 48	18 ¹¹ 3	15 ¹¹ 8	4 ¹¹ 24	M21
T 22	4 39 37	9 ¹¹ 5'35	7 ¹¹ 18	28 ¹¹ 51	4 ¹¹ 26	22 ¹¹ 46	18 ¹¹ 25	3 ¹¹ 35	27 ¹¹ 33	13 ¹¹ 51	18 ¹¹ 19	18 ¹¹ 37	17 ¹¹ 59	15 ¹¹ 14	4 ¹¹ 24	T 22
W23	4 43 33	10 ¹¹ 6'34	22 ¹¹ 27	28 ¹¹ 0	5 ¹¹ 41	23 ¹¹ 29	18 ¹¹ 38	3 ¹¹ 42	27 ¹¹ 37	13 ¹¹ 54	18 ¹¹ 21	18 ¹¹ 25	17 ¹¹ 56	15 ¹¹ 21	4 ¹¹ 23	W23
T 24	4 47 30	11 ¹¹ 7'34	7 ¹¹ 20	27 ¹¹ 20	6 ¹¹ 55	24 ¹¹ 11	18 ¹¹ 52	3 ¹¹ 49	27 ¹¹ 40	13 ¹¹ 56	18 ¹¹ 23	18 ¹¹ 14	17 ¹¹ 53	15 ¹¹ 28	4 ¹¹ 22	T 24
F 25	4 51 27	12 ¹¹ 8'35	21 ¹¹ 48	26 ¹¹ 51	8 ¹¹ 10	24 ¹¹ 54	19 ¹¹ 6	3 ¹¹ 56	27 ¹¹ 44	13 ¹¹ 58	18 ¹¹ 24	18 ¹¹ 5	17 ¹¹ 50	15 ¹¹ 35	4 ¹¹ 21	F 25
S 26	4 55 23	13 ¹¹ 9'36	5 ¹¹ 46	26 ¹¹ 34	9 ¹¹ 24	25 ¹¹ 36	19 ¹¹ 19	4 ¹¹ 3	27 ¹¹ 47	14 ¹¹ 1	18 ¹¹ 26	17 ¹¹ 58	17 ¹¹ 47	15 ¹¹ 41	4 ¹¹ 21	S 26
S 27	4 59 20	14 ¹¹ 10'39	19 ¹¹ 14	26 ¹¹ D27	10 ¹¹ 39	26 ¹¹ 19	19 ¹¹ 33	4 ¹¹ 10	27 ¹¹ 51	14 ¹¹ 3	18 ¹¹ 28	17 ¹¹ 54	17 ¹¹ 44	15 ¹¹ 48	4 ¹¹ 20	S 27
M28	5 3 16	15 ¹¹ 11'43	2 ¹¹ 14	26 ¹¹ 30	11 ¹¹ 53	27 ¹¹ 2	19 ¹¹ 47	4 ¹¹ 17	27 ¹¹ 54	14 ¹¹ 5	18 ¹¹ 29	17 ¹¹ 52	17 ¹¹ 40	15 ¹¹ 55	4 ¹¹ 20	M28
T 29	5 7 13	16 ¹¹ 12'48	14 ¹¹ 49	26 ¹¹ 43	13 ¹¹ 8	27 ¹¹ 44	20 ¹¹ 0	4 ¹¹ 24	27 ¹¹ 58	14 ¹¹ 7	18 ¹¹ 31	17 ¹¹ 52	17 ¹¹ 37	16 ¹¹ 1	4 ¹¹ 19	T 29
W30	5 11 9	17 ¹¹ 13'53	27 ¹¹ 5	27 ¹¹ 5	14 ¹¹ 22	28 ¹¹ 27	20 ¹¹ 14	4 ¹¹ 31	28 ¹¹ 1	14 ¹¹ 10	18 ¹¹ 32	17 ¹¹ 52	17 ¹¹ 34	16 ¹¹ 8	4 ¹¹ 19	W30

Delta T = 05m21s

Julian Calendar 1 Nov. 1485 == Greg. Calendar 10 Nov. 1485

DECEMBER 1485 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	5 15 6	18 ¹¹ 15'00	9 ¹¹ 6	27 ¹¹ 34	15 ¹¹ 37	29 ¹¹ 10	20 ¹¹ 28	4 ¹¹ 38	28 ¹¹ 5	14 ¹¹ 12	18 ¹¹ 34	17 ¹¹ R51	17 ¹¹ 31	16 ¹¹ 15	4 ¹¹ R18	T 1
F 2	5 19 2	19 ¹¹ 16'07	20 ¹¹ 59	28 ¹¹ 10	16 ¹¹ 51	29 ¹¹ 53	20 ¹¹ 42	4 ¹¹ 45	28 ¹¹ 9	14 ¹¹ 14	18 ¹¹ 35	17 ¹¹ 47	17 ¹¹ 28	16 ¹¹ 21	4 ¹¹ Y18	F 2
S 3	5 22 59	20 ¹¹ 17'15	2 ¹¹ 48	28 ¹¹ 53	18 ¹¹ 6	0 ¹¹ 35	20 ¹¹ 55	4 ¹¹ 52	28 ¹¹ 12	14 ¹¹ 16	18 ¹¹ 37	17 ¹¹ 41	17 ¹¹ 24	16 ¹¹ 28	4 ¹¹ 18	S 3
S 4	5 26 56	21 ¹¹ 18'24	14 ¹¹ 37	29 ¹¹ 41	19 ¹¹ 20	1 ¹¹ 18	21 ¹¹ 9	4 ¹¹ 59	28 ¹¹ 16	14 ¹¹ 19	18 ¹¹ 38	17 ¹¹ 33	17 ¹¹ 21	16 ¹¹ 35	4 ¹¹ 18	S 4
M 5	5 30 52	22 ¹¹ 19'34	26 ¹¹ 29	0 ¹¹ 35	20 ¹¹ 35	2 ¹¹ 1	21 ¹¹ 23	5 ¹¹ 6	28 ¹¹ 19	14 ¹¹ 21	18 ¹¹ 39	17 ¹¹ 21	17 ¹¹ 18	16 ¹¹ 42	4 ¹¹ 18	M 5
T 6	5 34 49	23 ¹¹ 20'44	8 ¹¹ 27	1 ¹¹ 32	21 ¹¹ 49	2 ¹¹ 44	21 ¹¹ 37	5 ¹¹ 13	28 ¹¹ 23	14 ¹¹ 23	18 ¹¹ 41	17 ¹¹ 7	17 ¹¹ 15	16 ¹¹ 48	4 ¹¹ D18	T 6
W 7	5 38 45	24 ¹¹ 21'55	20 ¹¹ 32	2 ¹¹ 33	23 ¹¹ 3	3 ¹¹ 27	21 ¹¹ 50	5 ¹¹ 19	28 ¹¹ 27	14 ¹¹ 25	18 ¹¹ 42	16 ¹¹ 52	17 ¹¹ 12	16 ¹¹ 55	4 ¹¹ 18	W 7
T 8	5 42 42	25 ¹¹ 23'06	2 ¹¹ 35	3 ¹¹ 38	24 ¹¹ 18	4 ¹¹ 10	22 ¹¹ 4	5 ¹¹ 26	28 ¹¹ 30	14 ¹¹ 28	18 ¹¹ 43	16 ¹¹ 37	17 ¹¹ 9	17 ¹¹ 2	4 ¹¹ 18	T 8
F 9	5 46 38	26 ¹¹ 24'18	15 ¹¹ 6	4 ¹¹ 46	25 ¹¹ 32	4 ¹¹ 53	22 ¹¹ 18	5 ¹¹ 33	28 ¹¹ 34	14 ¹¹ 30	18 ¹¹ 44	16 ¹¹ 24	17 ¹¹ 5	17 ¹¹ 8	4 ¹¹ 18	F 9
S 10	5 50 35	27 ¹¹ 25'29	27 ¹¹ 37	5 ¹¹ 56	26 ¹¹ 46	5 ¹¹ 37	22 ¹¹ 32	5 ¹¹ 40	28 ¹¹ 37	14 ¹¹ 32	18 ¹¹ 46	16 ¹¹ 13	17 ¹¹ 2	17 ¹¹ 15	4 ¹¹ 18	S 10
S 11	5 54 32	28 ¹¹ 26'41	10 ¹¹ 18	7 ¹¹ 8	28 ¹¹ 1	6 ¹¹ 20	22 ¹¹ 45	5 ¹¹ 47	28 ¹¹ 41	14 ¹¹ 34	18 ¹¹ 47	16 ¹¹ 5	16 ¹¹ 59	17 ¹¹ 22	4 ¹¹ 18	S 11
M12	5 58 28	29 ¹¹ 27'53	23 ¹¹ 10	8 ¹¹ 23	29 ¹¹ 15	7 ¹¹ 3	22 ¹¹ 59	5 ¹¹ 53	28 ¹¹ 45	14 ¹¹ 37	18 ¹¹ 48	16 ¹¹ 1	16 ¹¹ 56	17 ¹¹ 29	4 ¹¹ 19	M12
T 13	6 2 25	0 ¹¹ 29'04	6 ¹¹ 15	9 ¹¹ 39	0 ¹¹ 29	7 ¹¹ 46	23 ¹¹ 13	6 ¹¹ 0	28 ¹¹ 48	14 ¹¹ 39	18 ¹¹ 49	15 ¹¹ 59	16 ¹¹ 53	17 ¹¹ 35	4 ¹¹ 19	T 13
W14	6 6 21	1 ¹¹ 30'16	19 ¹¹ 35	10 ¹¹ 57	1 ¹¹ 43	8 ¹¹ 30	23 ¹¹ 27	6 ¹¹ 7	28 ¹¹ 52	14 ¹¹ 41	18 ¹¹ 50	15 ¹¹ D59	16 ¹¹ 50	17 ¹¹ 42	4 ¹¹ 19	W14
T 15	6 10 18	2 ¹¹ 31'27	3 ¹¹ Y12	12 ¹¹ 16	2 ¹¹ 58	9 ¹¹ 13	23 ¹¹ 40	6 ¹¹ 13	28 ¹¹ 55	14 ¹¹ 43	18 ¹¹ 51	15 ¹¹ R59	16 ¹¹ 46	17 ¹¹ 49	4 ¹¹ 20	T 15
F 16	6 14 14	3 ¹¹ 32'38	17 ¹¹ 8	13 ¹¹ 37	4 ¹¹ 12	9 ¹¹ 56	23 ¹¹ 54	6 ¹¹ 20	28 ¹¹ 59	14 ¹¹ 45	18 ¹¹ 52	15 ¹¹ S58	16 ¹¹ 43	17 ¹¹ 55	4 ¹¹ 20	F 16
S 17	6 18 11	4 ¹¹ 33'49	1 ¹¹ 824	14 ¹¹ 59	5 ¹¹ 26	10 ¹¹ 40	24 ¹¹ 8	6 ¹¹ 26	29 ¹¹ 3	14 ¹¹ 48	18 ¹¹ 53	15 ¹¹ 55	16 ¹¹ 40	18 ¹¹ 2	4 ¹¹ 21	S 17
S 18	6 22 7	5 ¹¹ 34'59	15 ¹¹ 57	16 ¹¹ 21	6 ¹¹ 40	11 ¹¹ 23	24 ¹¹ 21	6 ¹¹ 33	29 ¹¹ 6	14 ¹¹ 50	18 ¹¹ 54	15 ¹¹ 50	16 ¹¹ 37	18 ¹¹ 9	4 ¹¹ 22	S 18
M19	6 26 4	6 ¹¹ 36'10	0 ¹¹ II44	17 ¹¹ 45	7 ¹¹ 54	12 ¹¹ 7	24 ¹¹ 35	6 ¹¹ 39	29 ¹¹ 10	14 ¹¹ 52	18 ¹¹ 55	15 ¹¹ 42	16 ¹¹ 34	18 ¹¹ 15	4 ¹¹ 22	M19
T 20	6 30 1	7 ¹¹ 37'20	10 ¹¹ 39	19 ¹¹ 10	9 ¹¹ 8	12 ¹¹ 50	24 ¹¹ 49	6 ¹¹ 46	29 ¹¹ 13	14 ¹¹ 54	18 ¹¹ 56	15 ¹¹ 32	16 ¹¹ 30	18 ¹¹ 22	4 ¹¹ 23	T 20
W21	6 33 57	8 ¹¹ 38'29	0 ¹¹ 531	20 ¹¹ 35	10 ¹¹ 22	13 ¹¹ 34	25 ¹¹ 2	6 ¹¹ 52	29 ¹¹ 17	14 ¹¹ 56	18 ¹¹ 56	15 ¹¹ 22	16 ¹¹ 27	18 ¹¹ 29	4 ¹¹ 24	W21
T 22	6 37 54	9 ¹¹ 39'39	15 ¹¹ 13	22 ¹¹ 1	11 ¹¹ 36	14 ¹¹ 17	25 ¹¹ 16	6 ¹¹ 58	29 ¹¹ 21	14 ¹¹ 58	18 ¹¹ 57	15 ¹¹ 11	16 ¹¹ 24	18 ¹¹ 36	4 ¹¹ 25	T 22
F 23	6 41 50	10 ¹¹ 40'48	29 ¹¹ 36	23 ¹¹ 28	12 ¹¹ 50	15 ¹¹ 1	25 ¹¹ 29	7 ¹¹ 5	29 ¹¹ 24	15 ¹¹ 0	18 ¹¹ 58	15 ¹¹ 2	16 ¹¹ 21	18 ¹¹ 42	4 ¹¹ 26	F 23
S 24	6 45 47	11 ¹¹ 41'57	13 ¹¹ 8235	24 ¹¹ 55	14 ¹¹ 3	15 ¹¹ 45	25 ¹¹ 43	7 ¹¹ 11	29 ¹¹ 28	15 ¹¹ 2	18 ¹¹ 59	14 ¹¹ 56	16 ¹¹ 18	18 ¹¹ 49	4 ¹¹ 27	S 24
S 25	6 49 43	12 ¹¹ 43'06	27 ¹¹ 7	26 ¹¹ 23	15 ¹¹ 17	16 ¹¹ 29	25 ¹¹ 56	7 ¹¹ 17	29 ¹¹ 31	15 ¹¹ 4	18 ¹¹ 59	14 ¹¹ 52	16 ¹¹ 15	18 ¹¹ 56	4 ¹¹ 28	S 25
M26	6 53 40	13 ¹¹ 44'15	10 ¹¹ 112	27 ¹¹ 52	16 ¹¹ 31	17 ¹¹ 12	26 ¹¹ 10	7 ¹¹ 23	29 ¹¹ 35	15 ¹¹ 7	19 ¹¹ 0	14 ¹¹ D50	16 ¹¹ 11	19 ¹¹ 2	4 ¹¹ 29	M26
T 27	6 57 36	14 ¹¹ 45'24	22 ¹¹ 53	29 ¹¹ 21	17 ¹¹ 45	17 ¹¹ 56	26 ¹¹ 23	7 ¹¹ 29	29 ¹¹ 38	15 ¹¹ 9	19 ¹¹ 1	14 ¹¹ 50	16 ¹¹ 8	19 ¹¹ 9	4 ¹¹ 30	T 27
W28	7 1 33	15 ¹¹ 46'32	5 ¹¹ 13	0 ¹¹ 51	18 ¹¹ 58	18 ¹¹ 40	26 ¹¹ 37	7 ¹¹ 35	29 ¹¹ 42	15 ¹¹ 11	19 ¹¹ 1	14 ¹¹ 51	16 ¹¹ 5	19 ¹¹ 16	4 ¹¹ 31	W28
T 29	7 5 30	16 ¹¹ 47'40	17 ¹¹ 18	2 ¹¹ 22	20 ¹¹ 12	19 ¹¹ 24	26 ¹¹ 50	7 ¹¹ 42	29 ¹¹ 45	15 ¹¹ 13	19 ¹¹ 2	14 ¹¹ R52	16 ¹¹ 2	19 ¹¹ 23	4 ¹¹ 32	T 29
F 30	7 9 26	17 ¹¹ 48'49	29 ¹¹ 13	3 ¹¹ 53	21 ¹¹ 26	20 ¹¹ 8	27 ¹¹ 3	7 ¹¹ 47	29 ¹¹ 49	15 ¹¹ 15	19 ¹¹ 2	14 ¹¹ 51	15 ¹¹ 59	19 ¹¹ 29	4 ¹¹ 34	F 30
S 31	7 13 23	18 ¹¹ 49'56	11 ¹¹ 113	5 ¹¹ 824	22 ¹¹ 339	20 ¹¹ 152	27 ¹¹ 17	7 ¹¹ 153	29 ¹¹ 152	15 ¹¹ 17	19 ¹¹ 3	14 ¹¹ 48	15 ¹¹ 56	19 ¹¹ 1136	4 ¹¹ Y35	S 31