

SWISS EPHEMERIS for the year 1499

JANUARY 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁
T 1	7 16 42	19°30'59	29°28'	4°59	6°29	0°231	27°34	0°11	20°17	12°35	22°11	5°R 6	4°26	8°52	6°R40
W 2	7 20 39	20°42'05	13°17	6°30	7°33	1°12	27°19	0°12	20°20	12°47	22°13	5°24	4°23	8°58	6°II38
T 3	7 24 36	21°43'10	26°56	8°1	8°36	1°52	27°33	0°13	20°23	12°49	22°14	5°2	4°20	9°5	6°36
F 4	7 28 32	22°44'15	10°55	9°34	9°39	2°33	27°47	0°15	20°26	12°51	22°16	5°1	4°17	9°12	6°34
S 5	7 32 29	23°45'20	25°0	11°6	10°42	3°13	28°1	0°16	20°29	12°54	22°17	5°D 0	4°14	9°19	6°31
S 6	7 36 25	24°46'24	9°12	12°40	11°45	3°54	28°15	0°17	20°32	12°56	22°18	5°1	4°10	9°25	6°29
M 7	7 40 22	25°47'27	23°27	14°13	12°46	4°34	28°30	0°19	20°36	12°58	22°20	5°2	4°7	9°32	6°27
T 8	7 44 18	26°48'31	7°24	15°48	13°48	5°15	28°44	0°21	20°39	13°0	22°21	5°4	4°4	9°39	6°25
W 9	7 48 15	27°49'34	21°58	17°23	14°49	5°56	28°58	0°22	20°42	13°3	22°22	5°5	4°1	9°45	6°24
T 10	7 52 11	28°50'36	6°37	18°59	15°50	6°37	29°12	0°24	20°45	13°5	22°24	5°R 5	3°58	9°52	6°22
F 11	7 56 8	29°51'37	20°7	20°35	16°50	7°17	29°26	0°26	20°49	13°7	22°25	5°5	3°55	9°59	6°20
S 12	8 0 5	0°52'37	3°54	22°12	17°50	7°58	29°41	0°29	20°52	13°9	22°26	5°2	3°51	10°5	6°18
S 13	8 4 1	1°53'37	17°25	23°50	18°50	8°39	29°55	0°31	20°55	13°11	22°27	4°59	3°48	10°12	6°17
M 14	8 7 58	2°54'35	0°37	25°28	19°49	9°19	0°33	0°33	20°59	13°14	22°28	4°54	3°45	10°19	6°15
T 15	8 11 54	3°55'32	13°30	27°7	20°47	10°0	0°23	0°36	21°2	13°16	22°29	4°50	3°42	10°25	6°14
W 16	8 15 51	4°56'28	26°5	28°47	21°45	10°41	0°38	0°38	21°5	13°18	22°30	4°45	3°39	10°32	6°12
T 17	8 19 47	5°57'22	8°23	0°27	22°43	11°22	0°52	0°41	21°9	13°20	22°31	4°41	3°36	10°39	6°11
F 18	8 23 44	6°58'15	20°28	2°8	23°40	12°3	1°6	0°43	21°12	13°22	22°32	4°38	3°32	10°46	6°10
S 19	8 27 40	7°59'07	2°23	3°50	24°36	12°43	1°20	0°46	21°15	13°24	22°33	4°36	3°29	10°52	6°9
S 20	8 31 37	8°59'57	14°14	5°33	25°32	13°24	1°34	0°49	21°19	13°26	22°34	4°D36	3°26	10°59	6°8
M 21	8 35 34	10°0'46	26°5	7°16	26°27	14°5	1°49	0°52	21°22	13°29	22°35	4°37	3°23	11°6	6°7
T 22	8 39 30	11°1'33	8°II 2	9°0	27°21	14°46	2°3	0°55	21°26	13°31	22°36	4°39	3°20	11°12	6°6
W 23	8 43 27	12°2'19	20°10	10°45	28°15	15°27	2°17	0°59	21°29	13°33	22°37	4°41	3°16	11°19	6°5
T 24	8 47 23	13°3'03	2°32	12°31	29°8	16°8	2°31	1°2	21°33	13°35	22°38	4°R42	3°13	11°26	6°4
F 25	8 51 20	14°3'45	15°12	14°17	0°V 1	16°49	2°45	1°6	21°36	13°37	22°39	4°41	3°10	11°32	6°3
S 26	8 55 16	15°4'27	28°12	16°4	0°52	17°29	2°59	1°9	21°39	13°39	22°39	4°39	3°7	11°39	6°3
S 27	8 59 13	16°5'06	11°32	17°52	1°43	18°10	3°13	1°13	21°43	13°41	22°40	4°34	3°4	11°46	6°2
M 28	9 3 9	17°5'44	25°11	19°41	2°33	18°51	3°27	1°17	21°46	13°43	22°41	4°28	3°1	11°53	6°2
T 29	9 7 6	18°6'21	9°17	21°30	3°22	19°32	3°41	1°20	21°50	13°45	22°41	4°21	2°57	11°59	6°1
W 30	9 11 3	19°6'56	23°14	23°20	4°11	20°13	3°55	1°24	21°53	13°47	22°42	4°13	2°54	12°6	6°1
T 31	9 14 59	20°7'30	7°29	25°11	4°V58	20°54	4°9	1°28	21°57	13°49	22°42	4°7	2°51	12°13	6°I 1

Delta T = 195.55 sec. Julian Calendar 1 Jan. 1499 == Greg. Calendar 10 Jan. 1499

FEBRUARY 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁
F 1	9 18 56	21°8'03	21°46	27°2	5°V45	21°235	4°23	1°32	22°0	13°51	22°43	4°R 1	2°48	12°19	6°R 1
S 2	9 22 52	22°8'34	6°II 2	28°53	6°30	22°16	4°37	1°37	22°4	13°52	22°43	3°58	2°45	12°26	6°D 1
S 3	9 26 49	23°9'04	20°13	0°X45	7°15	22°57	4°51	1°41	22°7	13°54	22°44	3°D57	2°42	12°33	6°II 1
M 4	9 30 45	24°9'33	4°18	2°37	7°58	23°38	5°5	1°45	22°11	13°56	22°44	3°57	2°38	12°39	6°1
T 5	9 34 42	25°10'01	18°16	4°29	8°41	24°19	5°19	1°50	22°14	13°58	22°45	3°58	2°35	12°46	6°1
W 6	9 38 38	26°10'27	2°3	6°20	9°22	25°1	5°33	1°54	22°18	14°0	22°45	3°R59	2°32	12°53	6°1
T 7	9 42 35	27°10'52	15°47	8°11	10°2	25°42	5°46	1°59	22°21	14°2	22°45	3°58	2°29	12°59	6°2
F 8	9 46 32	28°11'15	29°20	10°1	10°41	26°23	6°0	2°4	22°24	14°3	22°46	3°55	2°26	13°6	6°2
S 9	9 50 28	29°11'37	12°42	11°51	11°19	27°4	6°14	2°9	22°28	14°5	22°46	3°50	2°22	13°13	6°2
S 10	9 54 25	0°X11'57	25°52	13°38	11°55	27°45	6°27	2°13	22°31	14°7	22°46	3°42	2°19	13°19	6°3
M 11	9 58 21	1°12'15	8°X50	15°24	12°30	28°26	6°41	2°18	22°35	14°9	22°46	3°32	2°16	13°26	6°4
T 12	10 2 18	2°12'31	21°32	17°7	13°4	29°7	6°55	2°23	22°38	14°10	22°46	3°21	2°13	13°33	6°4
W 13	10 6 14	3°12'45	4°V 1	18°47	13°36	29°48	7°8	2°29	22°42	14°12	22°46	3°10	2°10	13°40	6°5
T 14	10 10 11	4°12'58	16°16	20°25	14°7	0°30	7°22	2°34	22°45	14°14	22°46	2°59	2°7	13°46	6°6
F 15	10 14 7	5°13'08	28°19	21°58	14°36	1°11	7°35	2°39	22°49	14°15	22°46	2°51	2°3	13°53	6°7
S 16	10 18 4	6°13'17	10°13	23°26	15°3	1°52	7°49	2°44	22°52	14°17	22°46	2°45	2°0	14°0	6°8
S 17	10 22 0	7°13'23	22°3	24°50	15°29	2°33	8°2	2°50	22°55	14°18	22°46	2°42	1°57	14°6	6°9
M 18	10 25 57	8°13'27	3°II 53	26°7	15°52	3°14	8°15	2°55	22°59	14°20	22°46	2°D40	1°54	14°13	6°10
T 19	10 29 54	9°13'29	15°48	27°19	16°15	3°56	8°28	3°1	23°2	14°21	22°46	2°40	1°51	14°20	6°12
W 20	10 33 50	10°13'29	27°54	28°24	16°35	4°37	8°42	3°7	23°5	14°23	22°46	2°R41	1°48	14°26	6°13
T 21	10 37 47	11°13'27	10°17	29°21	16°53	5°18	8°55	3°12	23°9	14°24	22°46	2°41	1°44	14°33	6°14
F 22	10 41 43	12°13'22	22°59	0°V11	17°9	5°59	9°8	3°18	23°12	14°26	22°46	2°39	1°41	14°40	6°16
S 23	10 45 40	13°13'15	6°II 6	0°53	17°23	6°40	9°21	3°24	23°15	14°27	22°45	2°35	1°38	14°46	6°18
S 24	10 49 36	14°13'07	19°39	1°27	17°35	7°22	9°34	3°30	23°19	14°29	22°45	2°28	1°35	14°53	6°19
M 25	10 53 33	15°12'55	3°17	1°52	17°44	8°3	9°47	3°36	23°22	14°30	22°45	2°18	1°32	15°0	6°21
T 26	10 57 29	16°12'42	17°56	2°9	17°52	8°44	10°0	3°42	23°25	14°31	22°44	2°8	1°28	15°6	6°23
W 27	11 1 26	17°12'27	2°31	2°R17	17°57	9°26	10°12	3°48	23°29	14°32	22°44	1°56	1°25	15°13	6°25
T 28	11 5 23	18°12'10	17°15	2°V16	17°59	10°3	10°25	3°54	23°32	14°34	22°44	1°46	1°22	15°20	6°II 26

Delta T = 195.47 sec. Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1499

MARCH 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋
F 1	11 9 19	19℞11°51'	1♍58	2°R 7	17°R59	10♃48	10♁38	4♂ 0	23♁35	14♃35	22°R43	1°R37	1♉19	15♂27	6♁28
S 2	11 13 16	20°11'30	16°34	1°V51	17°V57	11°29	10°50	4° 7	23°38	14°36	22♍43	1♉31	1°16	15°33	6°31
S 3	11 17 12	21°11'08	0♉59	1°26	17°53	12°11	11° 3	4°13	23°41	14°37	22°42	1°27	1°13	15°40	6°33
M 4	11 21 9	22°10'44	15° 8	0°55	17°45	12°52	11°15	4°19	23°45	14°38	22°41	1°26	1° 9	15°47	6°35
T 5	11 25 5	23°10'18	29° 2	0°18	17°36	13°33	11°28	4°26	23°48	14°40	22°41	1°26	1° 6	15°53	6°37
W 6	11 29 2	24° 9'50	12♃40	29♁36	17°24	14°15	11°40	4°32	23°51	14°41	22°40	1°26	1° 3	16° 0	6°40
T 7	11 32 58	25° 9'21	26° 4	28°50	17° 9	14°56	11°52	4°39	23°54	14°42	22°40	1°24	1° 0	16° 7	6°42
F 8	11 36 55	26° 8'50	9♁15	28° 0	16°52	15°37	12° 5	4°46	23°57	14°43	22°39	1°20	0°57	16°13	6°44
S 9	11 40 52	27° 8'17	22°15	27° 9	16°33	16°19	12°17	4°52	24° 0	14°44	22°38	1°13	0°53	16°20	6°47
S 10	11 44 48	28° 7'42	5♁ 4	26°16	16°11	17° 0	12°29	4°59	24° 3	14°45	22°37	1° 3	0°50	16°27	6°50
M11	11 48 45	29° 7'05	17°42	25°24	15°47	17°41	12°41	5° 6	24° 6	14°46	22°37	0°50	0°47	16°33	6°52
T 12	11 52 41	0°V 6'26	0°V 9	24°32	15°21	18°23	12°52	5°13	24° 9	14°47	22°36	0°36	0°44	16°40	6°55
W13	11 56 38	1° 5'45	12°26	23°43	14°53	19° 4	13° 4	5°19	24°12	14°47	22°35	0°22	0°41	16°47	6°58
T 14	12 0 34	2° 5'01	24°33	22°57	14°23	19°45	13°16	5°26	24°15	14°48	22°34	0° 9	0°38	16°53	7° 1
F 15	12 4 31	3° 4'16	6♃31	22°15	13°51	20°27	13°28	5°33	24°18	14°49	22°33	29♁58	0°34	17° 0	7° 4
S 16	12 8 27	4° 3'28	18°23	21°37	13°18	21° 8	13°39	5°40	24°21	14°50	22°32	29°49	0°31	17° 7	7° 7
S 17	12 12 24	5° 2'38	0♁11	21° 3	12°43	21°49	13°51	5°47	24°23	14°51	22°31	29°44	0°28	17°13	7°10
M18	12 16 21	6° 1'46	12° 0	20°35	12° 7	22°30	14° 2	5°54	24°26	14°51	22°30	29°41	0°25	17°20	7°13
T 19	12 20 17	7° 0'52	23°53	20°12	11°31	23°12	14°13	6° 1	24°29	14°52	22°29	29°40	0°22	17°27	7°16
W20	12 24 14	7°59'55	5♁57	19°55	10°54	23°53	14°24	6° 9	24°32	14°53	22°28	29°40	0°19	17°34	7°19
T 21	12 28 10	8°58'56	18°16	19°43	10°16	24°34	14°35	6°16	24°34	14°53	22°27	29°39	0°15	17°40	7°23
F 22	12 32 7	9°57'55	0♁57	19°37	9°38	25°16	14°46	6°23	24°37	14°54	22°26	29°38	0°12	17°47	7°26
S 23	12 36 3	10°56'51	14° 2	19°D36	9° 0	25°57	14°57	6°30	24°40	14°54	22°25	29°34	0° 9	17°54	7°30
S 24	12 40 0	11°55'45	27°37	19°40	8°22	26°38	15° 8	6°38	24°42	14°55	22°24	29°28	0° 6	18° 0	7°33
M25	12 43 56	12°54'37	11♁40	19°50	7°45	27°19	15°19	6°45	24°45	14°55	22°23	29°19	0° 3	18° 7	7°37
T 26	12 47 53	13°53'26	26°10	20° 5	7° 9	28° 0	15°29	6°52	24°48	14°56	22°22	29° 9	29♁59	18°14	7°40
W27	12 51 49	14°52'14	11♁ 1	20°24	6°34	28°42	15°40	7° 0	24°50	14°56	22°21	28°58	29°56	18°20	7°44
T 28	12 55 46	15°50'59	26° 5	20°49	6° 0	29°23	15°50	7° 7	24°53	14°57	22°19	28°48	29°53	18°27	7°48
F 29	12 59 43	16°49'42	11♁11	21°17	5°28	0° 4	16° 0	7°14	24°55	14°57	22°18	28°39	29°50	18°34	7°51
S 30	13 3 39	17°48'24	26°10	21°50	4°57	0°45	16°10	7°22	24°57	14°57	22°17	28°33	29°47	18°40	7°55
S 31	13 7 36	18°V47'04	10♁54	22♁27	4°V28	1°≈27	16°≈21	7♂29	25≈ 0	14♃58	22♍15	28♁30	29♁44	18♂47	7♁59

Delta T = 195.39 sec. Julian Calendar 1 March 1499 == Greg. Calendar 10 March 1499

APRIL 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋
M 1	13 11 32	19°V45'42	25♁18	23♁ 8	4°R 1	2° 8	16°≈30	7♂37	25≈ 2	14♃58	22°R14	28°D29	29♁40	18♂54	8♁ 3
T 2	13 15 29	20°44'18	9♃19	23°53	3°V37	2°49	16°40	7°44	25° 4	14°58	22♍13	28♁29	29°37	19° 0	8° 7
W 3	13 19 25	21°42'53	22°59	24°41	3°14	3°30	16°50	7°52	25° 7	14°58	22°11	28°R30	29°34	19° 7	8°11
T 4	13 23 22	22°41'26	6≈18	25°32	2°54	4°11	17° 0	8° 0	25° 9	14°58	22°10	28°29	29°31	19°14	8°15
F 5	13 27 19	23°39'58	19°19	26°27	2°36	4°52	17° 9	8° 7	25°11	14°58	22° 9	28°26	29°28	19°20	8°19
S 6	13 31 15	24°38'27	2♁ 5	27°24	2°20	5°33	17°18	8°15	25°13	14°59	22° 7	28°21	29°25	19°27	8°23
S 7	13 35 12	25°36'55	14°38	28°25	2° 7	6°14	17°28	8°22	25°15	14°59	22° 6	28°13	29°21	19°34	8°27
M 8	13 39 8	26°35'22	27° 0	29°28	1°57	6°55	17°37	8°30	25°18	14°R59	22° 4	28° 3	29°18	19°40	8°32
T 9	13 43 5	27°33'46	9°V13	0°V34	1°48	7°36	17°46	8°38	25°20	14°59	22° 3	27°52	29°15	19°47	8°36
W10	13 47 1	28°32'09	21°18	1°42	1°43	8°17	17°55	8°45	25°22	14°59	22° 2	27°40	29°12	19°54	8°40
T 11	13 50 58	29°30'30	3♂16	2°53	1°39	8°58	18° 3	8°53	25°24	14°59	22° 0	27°30	29° 9	20° 0	8°45
F 12	13 54 54	0♁28'49	15° 9	4° 7	1°D38	9°39	18°12	9° 1	25°25	14°58	21°59	27°21	29° 5	20° 7	8°49
S 13	13 58 51	1°27'06	26°57	5°22	1°40	10°20	18°20	9° 9	25°27	14°58	21°57	27°14	29° 2	20°14	8°53
S 14	14 2 47	2°25'22	8♁45	6°40	1°43	11° 1	18°29	9°16	25°29	14°58	21°55	27°10	28°59	20°20	8°58
M15	14 6 44	3°23'35	20°34	8° 1	1°49	11°42	18°37	9°24	25°31	14°58	21°54	27° 8	28°56	20°27	9° 2
T 16	14 10 41	4°21'47	2♁29	9°23	1°57	12°23	18°45	9°32	25°33	14°58	21°52	27°D 8	28°53	20°34	9° 7
W17	14 14 37	5°19'57	14°33	10°47	2° 8	13° 3	18°53	9°40	25°34	14°57	21°51	27° 9	28°50	20°40	9°12
T 18	14 18 34	6°18'04	26°51	12°14	2°20	13°44	19° 1	9°47	25°36	14°57	21°49	27°10	28°46	20°47	9°16
F 19	14 22 30	7°16'10	9♁29	13°43	2°35	14°25	19° 8	9°55	25°38	14°57	21°48	27°R10	28°43	20°54	9°21
S 20	14 26 27	8°14'14	22°31	15°13	2°51	15° 5	19°16	10° 3	25°39	14°56	21°46	27° 9	28°40	21° 1	9°26
S 21	14 30 23	9°12'15	6♁ 0	16°46	3° 9	15°46	19°23	10°11	25°41	14°56	21°44	27° 6	28°37	21° 7	9°30
M22	14 34 20	10°10'15	19°58	18°21	3°29	16°27	19°30	10°18	25°42	14°56	21°43	27° 1	28°34	21°14	9°35
T 23	14 38 16	11° 8'13	4♁25	19°57	3°51	17° 7	19°37	10°26	25°44	14°55	21°41	26°55	28°30	21°21	9°40
W24	14 42 13	12° 6'09	19°16	21°36	4°15	17°48	19°44	10°34	25°45	14°55	21°40	26°48	28°27	21°27	9°45
T 25	14 46 10	13° 4'03	4♁24	23°17	4°40	18°28	19°51	10°42	25°46	14°54	21°38	26°42	28°24	21°34	9°50
F 26	14 50 6	14° 1'56	19°39	24°59	5° 7	19° 8	19°58	10°49	25°48	14°53	21°36	26°37	28°21	21°41	9°54
S 27	14 54 3	14°59'47	4♁52	26°44	5°36	19°49	20° 4	10°57	25°49	14°53	21°35	26°33	28°18	21°47	9°59
S 28	14 57 59	15°57'37	19°51	28°31	6° 6	20°29	20°11	11° 5	25°50	14°52	21°33	26°D32	28°15	21°54	10° 4
M29	15 1 56	16°55'26	4♁31	0♁20	6°37	21° 9	20°17	11°13	25°51	14°52	21°31	26°32	28°11	22° 1	10° 9
T 30	15 5 52	17°53'13	18♁45	2♁10	7°V10	21≈50	20≈23	11♂20	25≈52	14♃51	21♍30	26♁33	28♁ 8	22♂ 7	10♁14

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SWISS EPHEMERIS for the year 1499

MAY 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	15 9 49	18♄50'59	2♃35	4♂ 3	7♀44	22♂30	20♂29	11♂28	25♂53	14♂R50	21♂R28	26♂II34	28♂II 5	22♂14	10♂II19
T 2	15 13 45	19°48'44	15°58	5°58	8°20	23°10	20°34	11°36	25°55	14♂50	21♂II26	26♂R35	28° 2	22°21	10°24
F 3	15 17 42	20°46'28	29° 0	7°54	8°57	23°50	20°40	11°44	25°55	14°49	21°25	26°35	27°59	22°27	10°29
S 4	15 21 39	21°44'11	11♂41	9°53	9°35	24°30	20°45	11°51	25°56	14°48	21°23	26°33	27°56	22°34	10°34
S 5	15 25 35	22°41'53	24° 7	11°53	10°14	25°10	20°50	11°59	25°57	14°47	21°21	26°30	27°52	22°41	10°39
M 6	15 29 32	23°39'33	6♀20	13°55	10°54	25°49	20°55	12° 7	25°58	14°46	21°20	26°25	27°49	22°47	10°45
T 7	15 33 28	24°37'13	18°23	15°59	11°35	26°29	21° 0	12°14	25°59	14°45	21°18	26°20	27°46	22°54	10°50
W 8	15 37 25	25°34'51	0♂19	18° 5	12°17	27° 9	21° 5	12°22	26° 0	14°45	21°16	26°14	27°43	23° 1	10°55
T 9	15 41 21	26°32'28	12°10	20°12	13° 0	27°48	21° 9	12°30	26° 0	14°44	21°15	26° 9	27°40	23° 7	11° 0
F 10	15 45 18	27°30'05	23°59	22°20	13°44	28°28	21°14	12°37	26° 1	14°43	21°13	26° 5	27°36	23°14	11° 5
S 11	15 49 14	28°27'40	5♂48	24°30	14°29	29° 7	21°18	12°45	26° 2	14°42	21°11	26° 2	27°33	23°21	11°10
S 12	15 53 11	29°25'13	17°38	26°40	15°15	29°47	21°22	12°52	26° 2	14°41	21°10	26° 0	27°30	23°27	11°16
M13	15 57 8	0♂II22'46	29°31	28°52	16° 2	0♂II26	21°26	13° 0	26° 3	14°40	21° 8	26°D 0	27°27	23°34	11°21
T 14	16 1 4	1°20'18	11♂32	1♂II 3	16°49	1° 5	21°29	13° 7	26° 3	14°39	21° 7	26° 1	27°24	23°41	11°26
W15	16 5 1	2°17'48	23°42	3°15	17°37	1°44	21°33	13°15	26° 3	14°38	21° 5	26° 2	27°21	23°47	11°31
T 16	16 8 57	3°15'17	6♂II 5	5°27	18°26	2°23	21°36	13°22	26° 4	14°37	21° 3	26° 4	27°17	23°54	11°37
F 17	16 12 54	4°12'44	18°45	7°39	19°16	3° 2	21°39	13°30	26° 4	14°35	21° 2	26° 5	27°14	24° 1	11°42
S 18	16 16 50	5°10'11	1♂II45	9°50	20° 6	3°41	21°42	13°37	26° 4	14°34	21° 0	26°R 6	27°11	24° 7	11°47
S 19	16 20 47	6° 7'36	15° 9	12° 0	20°57	4°19	21°45	13°45	26° 4	14°33	20°58	26° 6	27° 8	24°14	11°52
M20	16 24 43	7° 4'59	28°59	14° 9	21°49	4°58	21°47	13°52	26° 5	14°32	20°57	26° 5	27° 5	24°21	11°58
T 21	16 28 40	8° 2'22	13♂II14	16°17	22°41	5°36	21°49	13°59	26° 5	14°31	20°55	26° 3	27° 2	24°27	12° 3
W22	16 32 37	8°59'43	27°53	18°23	23°33	6°15	21°52	14° 7	26°R 5	14°30	20°54	26° 1	26°58	24°34	12° 8
T 23	16 36 33	9°57'04	12♂II50	20°27	24°27	6°53	21°54	14°14	26° 5	14°28	20°52	25°59	26°55	24°41	12°14
F 24	16 40 30	10°54'23	27°58	22°30	25°21	7°31	21°55	14°21	26° 5	14°27	20°51	25°57	26°52	24°47	12°19
S 25	16 44 26	11°51'42	13♂II 9	24°31	26°15	8° 9	21°57	14°29	26° 5	14°26	20°49	25°56	26°49	24°54	12°24
S 26	16 48 23	12°49'00	28°11	26°29	27°10	8°47	21°58	14°36	26° 4	14°24	20°48	25°D56	26°46	25° 1	12°30
M27	16 52 19	13°46'18	12♂II58	28°25	28° 5	9°24	22° 0	14°43	26° 4	14°23	20°46	25°57	26°42	25° 7	12°35
T 28	16 56 16	14°43'35	27°23	0♂II19	29° 1	10° 2	22° 1	14°50	26° 4	14°22	20°45	25°57	26°39	25°14	12°40
W29	17 0 13	15°40'51	11♂II22	2°11	29°58	10°39	22° 1	14°57	26° 4	14°20	20°43	25°58	26°36	25°21	12°46
T 30	17 4 9	16°38'07	24°54	4° 0	0♂II54	11°17	22° 2	15° 4	26° 3	14°19	20°42	25°59	26°33	25°27	12°51
F 31	17 8 6	17°II35'22	8♂II 0	5♂II47	1♂II52	11♂II54	22♂II 3	15♂II11	26♂II 3	14♂II18	20♂II40	25♂II59	26♂II30	25♂II34	12♂II56

Delta T = 195.22 sec. Julian Calendar 1 May 1499 == Greg. Calendar 10 May 1499

JUNE 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	17 12 2	18♂II32'38	20♂II44	7♂II32	2♂II49	12♂II31	22♂II 3	15♂II18	26°R 3	14°R16	20°R39	26°R 0	26♂II27	25♂II41	13♂II 2
S 2	17 15 59	19°29'53	3♀II 9	9°14	3°47	13° 8	22°R 3	15°25	26° 2	14°R15	20♂II37	25♂II59	26°23	25°47	13° 7
M 3	17 19 55	20°27'07	15°19	10°54	4°46	13°45	22° 3	15°32	26° 2	14°13	20°36	25°59	26°20	25°54	13°12
T 4	17 23 52	21°24'22	27°18	12°31	5°44	14°21	22° 2	15°39	26° 1	14°12	20°35	25°58	26°17	26° 1	13°18
W 5	17 27 48	22°21'36	9♂II10	14° 6	6°44	14°58	22° 2	15°46	26° 0	14°10	20°33	25°58	26°14	26° 7	13°23
T 6	17 31 45	23°18'50	20°58	15°39	7°43	15°34	22° 1	15°52	26° 0	14° 9	20°32	25°57	26°11	26°14	13°28
F 7	17 35 42	24°16'04	2♂II47	17° 9	8°43	16°10	22° 0	15°59	25°59	14° 7	20°31	25°57	26° 8	26°21	13°33
S 8	17 39 38	25°13'18	14°37	18°36	9°43	16°46	21°59	16° 6	25°58	14° 6	20°29	25°57	26° 4	26°27	13°39
S 9	17 43 35	26°10'32	26°33	20° 1	10°44	17°21	21°58	16°12	25°57	14° 4	20°28	25°57	26° 1	26°34	13°44
M10	17 47 31	27° 7'45	8♂II36	21°23	11°44	17°57	21°56	16°19	25°57	14° 3	20°27	25°57	25°58	26°41	13°49
T 11	17 51 28	28° 4'58	20°48	22°43	12°46	18°32	21°55	16°25	25°56	14° 1	20°26	25°57	25°55	26°47	13°54
W12	17 55 24	29° 2'10	3♂II11	24° 0	13°47	19° 7	21°53	16°32	25°55	14° 0	20°24	25°57	25°52	26°54	14° 0
T 13	17 59 21	29°59'23	15°46	25°15	14°49	19°42	21°51	16°38	25°54	13°58	20°23	25°56	25°48	27° 1	14° 5
F 14	18 3 17	0♂II56'34	28°36	26°26	15°51	20°16	21°49	16°44	25°53	13°57	20°22	25°56	25°45	27° 7	14°10
S 15	18 7 14	1°53'46	11♂II43	27°35	16°53	20°51	21°46	16°51	25°52	13°55	20°21	25°55	25°42	27°14	14°15
S 16	18 11 11	2°50'57	25° 8	28°41	17°55	21°25	21°44	16°57	25°51	13°54	20°20	25°55	25°39	27°21	14°20
M17	18 15 7	3°48'08	8♂II52	29°44	18°58	21°59	21°41	17° 3	25°49	13°52	20°19	25°D55	25°36	27°27	14°26
T 18	18 19 4	4°45'18	22°56	0♂II44	20° 1	22°32	21°38	17° 9	25°48	13°50	20°18	25°55	25°33	27°34	14°31
W19	18 23 0	5°42'28	7♂II19	1°41	21° 4	23° 6	21°35	17°15	25°47	13°49	20°17	25°56	25°29	27°41	14°36
T 20	18 26 57	6°39'38	21°57	2°34	22° 7	23°39	21°31	17°21	25°46	13°47	20°16	25°57	25°26	27°47	14°41
F 21	18 30 53	7°36'48	6♂II46	3°24	23°11	24°12	21°28	17°27	25°44	13°46	20°15	25°57	25°23	27°54	14°46
S 22	18 34 50	8°33'58	21°39	4°11	24°15	24°45	21°24	17°33	25°43	13°44	20°14	25°R58	25°20	28° 1	14°51
S 23	18 38 46	9°31'08	6♂II30	4°54	25°19	25°17	21°20	17°39	25°42	13°42	20°13	25°58	25°17	28° 7	14°56
M24	18 42 43	10°28'18	21°10	5°33	26°23	25°49	21°16	17°45	25°40	13°41	20°12	25°57	25°14	28°14	15° 1
T 25	18 46 40	11°25'28	5♂II34	6° 8	27°28	26°21	21°12	17°50	25°39	13°39	20°11	25°55	25°10	28°21	15° 6
W26	18 50 36	12°22'39	19°35	6°39	28°32	26°53	21° 8	17°56	25°37	13°38	20°10	25°53	25° 7	28°27	15°11
T 27	18 54 33	13°19'50	3♂II12	7° 6	29°37	27°24	21° 3	18° 1	25°36	13°36	20° 9	25°51	25° 4	28°34	15°16
F 28	18 58 29	14°17'02	16°24	7°29	0♂II42	27°55	20°58	18° 7	25°34	13°34	20° 9	25°49	25° 1	28°41	15°21
S 29	19 2 26	15°14'14	29°11	7°48	1°48	28°25	20°54	18°12	25°33	13°33	20° 8	25°47	24°58	28°47	15°26
S 30	19 6 22	16♂II11'27	11♀II38	8♂II 1	2♂II53	28♂II56	20♂II49	18♂II18	25♂II31	13♂II31	20♂II 7	25°D47	24♂II54	28♂II54	15♂II30

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SWISS EPHEMERIS for the year 1499

JULY 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♁	♂	♄	♃	♆	♅	♁	♀	♁	♁	♁	♁
M 1	19 10 19	17 [☾] 8'40	23 [♃] 49	8 [♁] 10	3 [♁] 59	29 [♃] 26	20 [♁] 43	18 [♁] 23	25 [♁] R29	13 [♁] R29	20 [♁] R 6	25 [♁] II47	24 [♁] II51	29 [♁] ♁ 1	15 [♁] II35
T 2	19 14 15	18 [°] 5'54	5 [♁] 47	8 [♁] R14	5 [°] 5	29 [°] 55	20 [°] 33	18 [°] 28	25 [°] 26	13 [°] 28	20 [°] 6	25 [°] 48	24 [°] 48	29 [°] 7	15 [°] 40
W 3	19 18 12	19 [°] 3'09	17 [°] 38	8 [°] 14	6 [°] 11	0 [♁] 25	20 [°] 33	18 [°] 33	25 [°] 26	13 [°] 26	20 [°] 5	25 [°] 49	24 [°] 45	29 [°] 14	15 [°] 45
T 4	19 22 9	20 [°] 0'25	29 [°] 26	8 [°] 8	7 [°] 17	0 [°] 54	20 [°] 27	18 [°] 38	25 [°] 24	13 [°] 25	20 [°] 4	25 [°] 51	24 [°] 42	29 [°] 21	15 [°] 49
F 5	19 26 5	20 [°] 57'41	11 [♁] 16	7 [°] 58	8 [°] 23	1 [°] 22	20 [°] 21	18 [°] 43	25 [°] 22	13 [°] 23	20 [°] 4	25 [°] 52	24 [°] 39	29 [°] 27	15 [°] 54
S 6	19 30 2	21 [°] 54'59	23 [°] 11	7 [°] 43	9 [°] 29	1 [°] 50	20 [°] 15	18 [°] 48	25 [°] 20	13 [°] 21	20 [°] 3	25 [°] R53	24 [°] 35	29 [°] 34	15 [°] 59
S 7	19 33 58	22 [°] 52'17	5 [☾] 15	7 [°] 23	10 [°] 36	2 [°] 18	20 [°] 9	18 [°] 53	25 [°] 18	13 [°] 20	20 [°] 3	25 [°] 53	24 [°] 32	29 [°] 41	16 [°] 3
M 8	19 37 55	23 [°] 49'35	17 [°] 30	6 [°] 58	11 [°] 43	2 [°] 45	20 [°] 3	18 [°] 58	25 [°] 17	13 [°] 18	20 [°] 2	25 [°] 51	24 [°] 29	29 [°] 47	16 [°] 8
T 9	19 41 51	24 [°] 46'55	29 [°] 58	6 [°] 29	12 [°] 50	3 [°] 12	19 [°] 57	19 [°] 2	25 [°] 15	13 [°] 17	20 [°] 2	25 [°] 48	24 [°] 26	29 [°] 54	16 [°] 13
W10	19 45 48	25 [°] 44'15	12 [♁] 39	5 [°] 56	13 [°] 57	3 [°] 39	19 [°] 50	19 [°] 7	25 [°] 13	13 [°] 15	20 [°] 1	25 [°] 44	24 [°] 23	0 [♁] II 1	16 [°] 17
T 11	19 49 44	26 [°] 41'35	25 [°] 34	5 [°] 20	15 [°] 4	4 [°] 5	19 [°] 44	19 [°] 11	25 [°] 11	13 [°] 13	20 [°] 1	25 [°] 39	24 [°] 20	0 [°] 7	16 [°] 22
F 12	19 53 41	27 [°] 38'56	8 [♁] 43	4 [°] 41	16 [°] 12	4 [°] 31	19 [°] 37	19 [°] 16	25 [°] 9	13 [°] 12	20 [°] 1	25 [°] 34	24 [°] 16	0 [°] 14	16 [°] 26
S 13	19 57 38	28 [°] 36'18	2 [♁] 5	3 [°] 59	17 [°] 19	4 [°] 56	19 [°] 30	19 [°] 20	25 [°] 7	13 [°] 10	20 [°] 0	25 [°] 30	24 [°] 13	0 [°] 20	16 [°] 30
S 14	20 1 34	29 [°] 33'40	5 [♁] 40	3 [°] 15	18 [°] 27	5 [°] 20	19 [°] 23	19 [°] 24	25 [°] 5	13 [°] 9	20 [°] 0	25 [°] 26	24 [°] 10	0 [°] 27	16 [°] 35
M15	20 5 31	0 [♁] 31'03	19 [°] 28	2 [°] 31	19 [°] 34	5 [°] 45	19 [°] 16	19 [°] 29	25 [°] 2	13 [°] 7	20 [°] 0	25 [°] 24	24 [°] 7	0 [°] 34	16 [°] 39
T 16	20 9 27	1 [°] 28'26	3 [♁] 27	1 [°] 46	20 [°] 42	6 [°] 8	19 [°] 9	19 [°] 33	25 [°] 0	13 [°] 6	19 [°] 59	25 [°] D24	24 [°] 4	0 [°] 40	16 [°] 43
W17	20 13 24	2 [°] 25'51	17 [°] 37	1 [°] 1	21 [°] 50	6 [°] 32	19 [°] 2	19 [°] 37	24 [°] 58	13 [°] 4	19 [°] 59	25 [°] 24	24 [°] 0	0 [°] 47	16 [°] 47
T 18	20 17 20	3 [°] 23'15	1 [♁] 56	0 [°] 18	22 [°] 58	6 [°] 55	18 [°] 55	19 [°] 41	24 [°] 56	13 [°] 3	19 [°] 59	25 [°] 26	23 [°] 57	0 [°] 54	16 [°] 52
F 19	20 21 17	4 [°] 20'41	16 [°] 22	29 [♁] 37	24 [°] 7	7 [°] 17	18 [°] 48	19 [°] 44	24 [°] 54	13 [°] 1	19 [°] 59	25 [°] 27	23 [°] 54	1 [°] 0	16 [°] 56
S 20	20 25 13	5 [°] 18'07	0 [♁] 52	28 [°] 59	25 [°] 15	7 [°] 38	18 [°] 40	19 [°] 48	24 [°] 52	13 [°] 0	19 [°] 59	25 [°] R27	23 [°] 51	1 [°] 7	17 [°] 0
S 21	20 29 10	6 [°] 15'34	15 [°] 20	28 [°] 25	26 [°] 24	8 [°] 0	18 [°] 33	19 [°] 52	24 [°] 49	12 [°] 58	19 [°] 59	25 [°] 26	23 [°] 48	1 [°] 14	17 [°] 4
M22	20 33 7	7 [°] 13'02	29 [°] 41	27 [°] 55	27 [°] 32	8 [°] 20	18 [°] 25	19 [°] 55	24 [°] 47	12 [°] 57	19 [°] 59	25 [°] 22	23 [°] 45	1 [°] 20	17 [°] 8
T 23	20 37 3	8 [°] 10'31	13 [♁] 51	27 [°] 31	28 [°] 41	8 [°] 40	18 [°] 18	19 [°] 59	24 [°] 45	12 [°] 55	19 [°] D59	25 [°] 17	23 [°] 41	1 [°] 27	17 [°] 12
W24	20 41 0	9 [°] 8'01	27 [°] 44	27 [°] 12	29 [°] 50	9 [°] 0	18 [°] 10	20 [°] 2	24 [°] 43	12 [°] 54	19 [°] 59	25 [°] 10	23 [°] 38	1 [°] 34	17 [°] 16
T 25	20 44 56	10 [°] 5'33	11 [♁] 16	26 [°] 59	0 [♁] 59	9 [°] 19	18 [°] 2	20 [°] 5	24 [°] 40	12 [°] 53	19 [°] 59	25 [°] 3	23 [°] 35	1 [°] 40	17 [°] 20
F 26	20 48 53	11 [°] 3'05	24 [°] 26	26 [°] D52	2 [°] 8	9 [°] 37	17 [°] 55	20 [°] 9	24 [°] 38	12 [°] 51	19 [°] 59	24 [°] 56	23 [°] 32	1 [°] 47	17 [°] 23
S 27	20 52 49	12 [°] 0'39	7 [♁] 14	26 [°] 52	3 [°] 17	9 [°] 55	17 [°] 47	20 [°] 12	24 [°] 36	12 [°] 50	19 [°] 59	24 [°] 50	23 [°] 29	1 [°] 54	17 [°] 27
S 28	20 56 46	12 [°] 58'14	19 [°] 42	26 [°] 59	4 [°] 27	10 [°] 12	17 [°] 39	20 [°] 15	24 [°] 33	12 [°] 48	19 [°] 59	24 [°] 45	23 [°] 26	2 [°] 0	17 [°] 31
M29	21 0 42	13 [°] 55'51	1 [♁] 53	27 [°] 14	5 [°] 36	10 [°] 28	17 [°] 31	20 [°] 17	24 [°] 31	12 [°] 47	19 [°] 59	24 [°] 42	23 [°] 22	2 [°] 7	17 [°] 34
T 30	21 4 39	14 [°] 53'29	13 [°] 52	27 [°] 35	6 [°] 46	10 [°] 44	17 [°] 23	20 [°] 20	24 [°] 29	12 [°] 46	20 [°] 0	24 [°] D42	23 [°] 19	2 [°] 14	17 [°] 38
W31	21 8 36	15 [°] 51'09	25 [♁] 43	28 [°] 4	7 [°] 55	10 [°] 59	17 [°] 16	20 [°] 23	24 [°] 26	12 [°] 45	20 [°] 0	24 [°] II42	23 [°] II16	2 [°] II20	17 [°] II42

Delta T = 195.04 sec. Julian Calendar 1 July 1499 == Greg. Calendar 10 July 1499

AUGUST 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♁	♂	♄	♃	♆	♅	♁	♀	♁	♁	♁	♁
T 1	21 12 32	16 [♁] 48'51	7 [♁] 32	28 [☾] 40	9 [☾] 5	11 [♁] 14	17 [°] R 8	20 [♁] 26	24 [°] R24	12 [°] R43	20 [°] 0	24 [°] II43	23 [°] II13	2 [°] II27	17 [°] II45
F 2	21 16 29	17 [°] 46'34	19 [°] 23	29 [°] 23	10 [°] 15	11 [°] 27	17 [°] ♁ 0	20 [°] 28	24 [°] ♁22	12 [°] ♁42	20 [°] 1	24 [°] R44	23 [°] 10	2 [°] 34	17 [°] 49
S 3	21 20 25	18 [°] 44'19	1 [♁] 23	0 [♁] 14	11 [°] 25	11 [°] 40	16 [°] 52	20 [°] 30	24 [°] 19	12 [°] 41	20 [°] 1	24 [°] 44	23 [°] 6	2 [°] 40	17 [°] 52
S 4	21 24 22	19 [°] 42'06	13 [°] 34	1 [°] 10	12 [°] 35	11 [°] 52	16 [°] 44	20 [°] 33	24 [°] 17	12 [°] 40	20 [°] 1	24 [°] 42	23 [°] 3	2 [°] 47	17 [°] 55
M 5	21 28 18	20 [°] 39'54	26 [°] 0	2 [°] 14	13 [°] 45	12 [°] 4	16 [°] 36	20 [°] 35	24 [°] 15	12 [°] 38	20 [°] 2	24 [°] 38	23 [°] 0	2 [°] 54	17 [°] 58
T 6	21 32 15	21 [°] 37'43	8 [♁] 43	3 [°] 24	14 [°] 56	12 [°] 14	16 [°] 29	20 [°] 37	24 [°] 12	12 [°] 37	20 [°] 2	24 [°] 32	22 [°] 57	3 [°] 0	18 [°] 2
W 7	21 36 11	22 [°] 35'34	21 [°] 44	4 [°] 40	16 [°] 6	12 [°] 24	16 [°] 21	20 [°] 39	24 [°] 10	12 [°] 36	20 [°] 3	24 [°] 23	22 [°] 54	3 [°] 7	18 [°] 5
T 8	21 40 8	23 [°] 33'27	5 [♁] 3	6 [°] 1	17 [°] 16	12 [°] 33	16 [°] 13	20 [°] 41	24 [°] 7	12 [°] 35	20 [°] 3	24 [°] 13	22 [°] 51	3 [°] 14	18 [°] 8
F 9	21 44 5	24 [°] 31'20	18 [°] 36	7 [°] 28	18 [°] 27	12 [°] 42	16 [°] 5	20 [°] 43	24 [°] 5	12 [°] 34	20 [°] 4	24 [°] 3	22 [°] 47	3 [°] 20	18 [°] 11
S 10	21 48 1	25 [°] 29'16	2 [♁] 22	9 [°] 0	19 [°] 38	12 [°] 49	15 [°] 58	20 [°] 44	24 [°] 3	12 [°] 33	20 [°] 5	23 [°] 54	22 [°] 44	3 [°] 27	18 [°] 14
S 11	21 51 58	26 [°] 27'12	16 [°] 17	10 [°] 36	20 [°] 48	12 [°] 56	15 [°] 50	20 [°] 46	24 [°] 0	12 [°] 32	20 [°] 5	23 [°] 46	22 [°] 41	3 [°] 33	18 [°] 17
M12	21 55 54	27 [°] 25'10	0 [♁] 19	12 [°] 16	21 [°] 59	13 [°] 2	15 [°] 42	20 [°] 47	23 [°] 58	12 [°] 31	20 [°] 6	23 [°] 41	22 [°] 38	3 [°] 40	18 [°] 20
T 13	21 59 51	28 [°] 23'10	14 [°] 24	14 [°] 0	23 [°] 10	13 [°] 7	15 [°] 35	20 [°] 49	23 [°] 55	12 [°] 30	20 [°] 7	23 [°] 38	22 [°] 35	3 [°] 47	18 [°] 22
W14	22 3 47	29 [°] 21'10	28 [°] 31	15 [°] 46	24 [°] 21	13 [°] 11	15 [°] 27	20 [°] 50	23 [°] 53	12 [°] 29	20 [°] 7	23 [°] D38	22 [°] 31	3 [°] 53	18 [°] 25
T 15	22 7 44	0 [♁] 19'13	12 [♁] 39	17 [°] 35	25 [°] 32	13 [°] 15	15 [°] 20	20 [°] 51	23 [°] 51	12 [°] 28	20 [°] 8	23 [°] 38	22 [°] 28	4 [°] 0	18 [°] 28
F 16	22 11 40	1 [°] 17'16	26 [°] 47	19 [°] 27	26 [°] 44	13 [°] 17	15 [°] 13	20 [°] 52	23 [°] 48	12 [°] 27	20 [°] 9</				

SWISS EPHEMERIS for the year 1499

SEPTEMBER 1499 JC

00:00 UT

Table with 16 columns: Day, Sid.t, ☉, ☽, ♀, ♁, ♂, ♃, ♅, ♁, ♆, ♄, ♀, ♁, ♁, ♁. Rows include dates from S 1 to M 30.

Delta T = 194.87 sec. Julian Calendar 1 Sept. 1499 == Greg. Calendar 10 Sept. 1499

OCTOBER 1499 JC

00:00 UT

Table with 16 columns: Day, Sid.t, ☉, ☽, ♀, ♁, ♂, ♃, ♅, ♁, ♆, ♄, ♀, ♁, ♁, ♁. Rows include dates from T 1 to T 31.

Delta T = 194.79 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [13.11.2015]

SWISS EPHEMERIS for the year 1499

NOVEMBER 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♃	♄	♅	♆	♇	♁	♂	♁	♂	♁
F 1	3 15 15	17♉24°34'	14♊17	25°R20	1♉19	1♉33	13♉54	17°R27	22♉11	12♉48	22♉27	17°R10	18♉20	12♉39	18°R 4	
S 2	3 19 12	18°25'08"	28°56'	24♉ 9	2°34'	1°41'	14° 0'	17♉22	22°12'	12°49'	22°30'	17♉ 6	18°17'	12°45'	18♉ 1	
S 3	3 23 8	19°25'44"	13♉53	22°51'	3°50'	1°50'	14° 7'	17°17'	22°12'	12°51'	22°32'	17° 2'	18°14'	12°52'	17°58'	
M 4	3 27 5	20°26'21"	29° 1'	21°31'	5° 5'	2° 0'	14°13'	17°12'	22°13'	12°52'	22°34'	17° 0'	18°11'	12°59'	17°54'	
T 5	3 31 1	21°27'00"	14♊ 8	20° 9'	6°20'	2°10'	14°20'	17° 7'	22°14'	12°54'	22°37'	16°D59	18° 8'	13° 5'	17°51'	
W 6	3 34 58	22°27'41"	29° 7'	18°50'	7°36'	2°21'	14°27'	17° 2'	22°14'	12°55'	22°39'	16°59'	18° 5'	13°12'	17°48'	
T 7	3 38 54	23°28'22"	13♉50	17°35'	8°51'	2°32'	14°34'	16°57'	22°15'	12°57'	22°42'	17° 0'	18° 1'	13°19'	17°45'	
F 8	3 42 51	24°29'05"	28°12'	16°26'	10° 6'	2°44'	14°41'	16°53'	22°16'	12°59'	22°44'	17° 2'	17°58'	13°25'	17°41'	
S 9	3 46 48	25°29'49"	12♊10	15°27'	11°22'	2°57'	14°49'	16°48'	22°17'	13° 0'	22°46'	17° 3'	17°55'	13°32'	17°38'	
S 10	3 50 44	26°30'33"	25°45'	14°38'	12°37'	3°10'	14°56'	16°43'	22°17'	13° 2'	22°49'	17°R 4	17°52'	13°38'	17°34'	
M11	3 54 41	27°31'19"	8♊58	14° 1'	13°52'	3°24'	15° 4'	16°38'	22°18'	13° 4'	22°51'	17° 3'	17°49'	13°45'	17°31'	
T 12	3 58 37	28°32'06"	21°52'	13°35'	15° 8'	3°39'	15°12'	16°33'	22°19'	13° 5'	22°54'	17° 2'	17°46'	13°52'	17°27'	
W13	4 2 34	29°32'53"	4♉29	13°20'	16°23'	3°54'	15°20'	16°29'	22°20'	13° 7'	22°56'	17° 0'	17°42'	13°58'	17°24'	
T 14	4 6 30	0♉33°42'	16°51'	13°D17	17°39'	4°10'	15°28'	16°24'	22°21'	13° 9'	22°58'	16°57'	17°39'	14° 5'	17°20'	
F 15	4 10 27	1°34'32"	29° 3'	13°24'	18°54'	4°26'	15°36'	16°19'	22°23'	13°11'	23° 1'	16°55'	17°36'	14°12'	17°17'	
S 16	4 14 23	2°35'23"	11♉ 5	13°41'	20° 9'	4°43'	15°44'	16°15'	22°24'	13°13'	23° 3'	16°52'	17°33'	14°18'	17°13'	
S 17	4 18 20	3°36'14"	23° 1'	14° 7'	21°25'	5° 0'	15°53'	16°10'	22°25'	13°14'	23° 6'	16°51'	17°30'	14°25'	17° 9'	
M18	4 22 17	4°37'07"	4♉52	14°41'	22°40'	5°18'	16° 2'	16° 6'	22°26'	13°16'	23° 8'	16°50'	17°26'	14°32'	17° 6'	
T 19	4 26 13	5°38'01"	16°40'	15°22'	23°56'	5°36'	16°10'	16° 1'	22°27'	13°18'	23°10'	16°D49	17°23'	14°38'	17° 2'	
W20	4 30 10	6°38'56"	28°27'	16° 9'	25°11'	5°55'	16°19'	15°57'	22°29'	13°20'	23°13'	16°49'	17°20'	14°45'	16°58'	
T 21	4 34 6	7°39'53"	10♉16	17° 2'	26°27'	6°14'	16°29'	15°52'	22°30'	13°22'	23°15'	16°50'	17°17'	14°52'	16°55'	
F 22	4 38 3	8°40'50"	22°10'	18° 1'	27°42'	6°34'	16°38'	15°48'	22°32'	13°24'	23°17'	16°51'	17°14'	14°58'	16°51'	
S 23	4 41 59	9°41'48"	4♉11	19° 3'	28°58'	6°54'	16°47'	15°44'	22°33'	13°26'	23°20'	16°52'	17°11'	15° 5'	16°47'	
S 24	4 45 56	10°42'48"	16°24'	20° 9'	0♉13	7°15'	16°57'	15°40'	22°35'	13°28'	23°22'	16°53'	17° 7'	15°11'	16°43'	
M25	4 49 52	11°43'49"	28°52'	21°19'	1°29'	7°36'	17° 6'	15°35'	22°36'	13°30'	23°24'	16°53'	17° 4'	15°18'	16°40'	
T 26	4 53 49	12°44'50"	11♉40	22°31'	2°44'	7°57'	17°16'	15°31'	22°38'	13°32'	23°26'	16°R53	17° 1'	15°25'	16°36'	
W27	4 57 46	13°45'53"	24°50'	23°46'	4° 0'	8°19'	17°26'	15°27'	22°40'	13°34'	23°29'	16°53'	16°58'	15°31'	16°32'	
T 28	5 1 42	14°46'57"	8♉26	25° 3'	5°15'	8°41'	17°36'	15°23'	22°41'	13°36'	23°31'	16°53'	16°55'	15°38'	16°28'	
F 29	5 5 39	15°48'02"	22°28'	26°21'	6°31'	9° 4'	17°46'	15°19'	22°43'	13°38'	23°33'	16°53'	16°51'	15°45'	16°24'	
S 30	5 9 35	16°49'07"	6♉57	27°42'	7♉46	9°27'	17°56'	15°16'	22°45'	13°40'	23°36'	16°D53	16°48'	15°51'	16°20'	

Delta T = 194.70 sec. Julian Calendar 1 Nov. 1499 == Greg. Calendar 10 Nov. 1499

DECEMBER 1499 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♃	♄	♅	♆	♇	♁	♂	♁	♂	♁
S 1	5 13 32	17♊50°14'	21♉48	29♉ 3	9♊ 2	9♊50	18♉ 7	15°R12	22♊47	13♉42	23♉38	16♉53	16♉45	15♉58	16°R17	
M 2	5 17 28	18°51'22"	6♊54	0♉26	10°17'	10°14'	18°17'	15♉ 8	22°49'	13°44'	23°40'	16°53'	16°42'	16° 5'	16♉13	
T 3	5 21 25	19°52'30"	22° 8'	1°51'	11°33'	10°38'	18°28'	15° 5'	22°51'	13°46'	23°42'	16°R53	16°39'	16°11'	16° 9'	
W 4	5 25 21	20°53'39"	7♉30	3°16'	12°48'	11° 2'	18°38'	15° 1'	22°53'	13°49'	23°44'	16°53'	16°36'	16°18'	16° 5'	
T 5	5 29 18	21°54'48"	22°19'	4°41'	14° 4'	11°27'	18°49'	14°58'	22°55'	13°51'	23°47'	16°52'	16°32'	16°25'	16° 1'	
F 6	5 33 15	22°55'58"	6♊58	6° 8'	15°19'	11°52'	19° 0'	14°54'	22°57'	13°53'	23°49'	16°52'	16°29'	16°31'	15°58'	
S 7	5 37 11	23°57'07"	21°12'	7°35'	16°35'	12°17'	19°11'	14°51'	22°59'	13°55'	23°51'	16°51'	16°26'	16°38'	15°54'	
S 8	5 41 8	24°58'17"	4♊59	9° 3'	17°50'	12°43'	19°22'	14°48'	23° 1'	13°57'	23°53'	16°50'	16°23'	16°45'	15°50'	
M 9	5 45 4	25°59'27"	18°18'	10°31'	19° 6'	13° 9'	19°34'	14°45'	23° 3'	13°59'	23°55'	16°50'	16°20'	16°51'	15°46'	
T 10	5 49 1	27° 0'36"	1♉13	12° 0'	20°21'	13°36'	19°45'	14°42'	23° 6'	14° 2'	23°57'	16°D50	16°17'	16°58'	15°42'	
W11	5 52 57	28° 1'46"	13°46'	13°30'	21°37'	14° 2'	19°56'	14°39'	23° 8'	14° 4'	23°59'	16°50'	16°13'	17° 4'	15°39'	
T 12	5 56 54	29° 2'56"	26° 2'	14°59'	22°52'	14°29'	20° 8'	14°36'	23°10'	14° 6'	24° 1'	16°51'	16°10'	17°11'	15°35'	
F 13	6 0 51	0♉ 4'06"	8♉ 6	16°29'	24° 8'	14°56'	20°19'	14°34'	23°13'	14° 8'	24° 3'	16°52'	16° 7'	17°18'	15°31'	
S 14	6 4 47	1° 5'15"	20° 0'	18° 0'	25°23'	15°24'	20°31'	14°31'	23°15'	14°10'	24° 5'	16°54'	16° 4'	17°24'	15°28'	
S 15	6 8 44	2° 6'25"	1♉49	19°31'	26°39'	15°51'	20°43'	14°28'	23°17'	14°13'	24° 7'	16°55'	16° 1'	17°31'	15°24'	
M16	6 12 40	3° 7'35"	13°36'	21° 2'	27°54'	16°19'	20°55'	14°26'	23°20'	14°15'	24° 9'	16°R55	15°57'	17°38'	15°20'	
T 17	6 16 37	4° 8'44"	25°24'	22°34'	29°10'	16°47'	21° 7'	14°24'	23°22'	14°17'	24°11'	16°55'	15°54'	17°44'	15°17'	
W18	6 20 33	5° 9'54"	7♉15	24° 6'	0♉25	17°16'	21°19'	14°22'	23°25'	14°19'	24°13'	16°54'	15°51'	17°51'	15°13'	
T 19	6 24 30	6°11'04"	19°11'	25°38'	1°41'	17°44'	21°31'	14°19'	23°28'	14°22'	24°15'	16°52'	15°48'	17°58'	15°10'	
F 20	6 28 26	7°12'13"	1♉14	27°11'	2°56'	18°13'	21°43'	14°18'	23°30'	14°24'	24°17'	16°49'	15°45'	18° 4'	15° 6'	
S 21	6 32 23	8°13'23"	13°26'	28°44'	4°12'	18°42'	21°56'	14°16'	23°33'	14°26'	24°19'	16°45'	15°42'	18°11'	15° 3'	
S 22	6 36 20	9°14'32"	25°48'	0♉18	5°27'	19°11'	22° 8'	14°14'	23°35'	14°28'	24°21'	16°41'	15°38'	18°18'	14°59'	
M23	6 40 16	10°15'42"	8♉23	1°51'	6°43'	19°41'	22°20'	14°12'	23°38'	14°31'	24°23'	16°38'	15°35'	18°24'	14°56'	
T 24	6 44 13	11°16'51"	21°13'	3°26'	7°58'	20°10'	22°33'	14°11'	23°41'	14°33'	24°25'	16°36'	15°32'	18°31'	14°53'	
W25	6 48 9	12°18'01"	4♉20	5° 1'	9°14'	20°40'	22°46'	14° 9'	23°44'	14°35'	24°26'	16°34'	15°29'	18°37'	14°50'	
T 26	6 52 6	13°19'10"	17°47'	6°36'	10°29'	21°10'	22°58'	14° 8'	23°47'	14°38'	24°28'	16°D34	15°26'	18°44'	14°46'	
F 27	6 56 2	14°20'20"	1♉36	8°11'	11°45'	21°41'	23°11'	14° 7'	23°49'	14°40'	24°30'	16°35'	15°23'	18°51'	14°43'	
S 28	6 59 59	15°21'29"	15°46'	9°47'	13° 0'	22°11'	23°24'	14° 5'	23°52'	14°42'	24°31'	16°36'	15°19'	18°57'	14°40'	
S 29	7 3 55	16°22'39"	0♉17	11°24'	14°16'	22°42'	23°37'	14° 4'	23°55'	14°44'	24°33'	16°38'	15°16'	19° 4'	14°37'	
M30	7 7 52	17°23'48"	15° 6'	13° 1'	15°31'	23°12'	23°50'	14° 4'	23°58'	14°47'	24°35'	16°R38	15°13'	19°11'	14°34'	
T 31	7 11 49	18°24'57"	0♉ 7	14°38'	16°46'	23°43'	24° 3'	14° 3'	24° 1'	14°49'	24°36'	16°38'	15°10'	19°17'	14°31'	

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