

SWISS EPHEMERIS for the year 2214

JANUARY 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	6 40 34	9°55'30	26♌46	19°R32	25♍13	2°33	15°R42	9°R30	3°R45	24°R 8	21°R59	4♋58	6♋ 7	0♊41	15♋26
S 2	6 44 31	10°56'37	11♍18	18°31	26° 1	3°18	15♌41	9♍28	3♍43	24♌ 7	21♍59	4°59	6° 4	0°48	15°28
M 3	6 48 27	11°57'44	25°38	17°21	26°50	4° 3	15°39	9°27	3°42	24° 6	21°59	5° 1	6° 0	0°55	15°30
T 4	6 52 24	12°58'52	9♎43	16° 5	27°40	4°48	15°38	9°25	3°41	24° 5	21°58	5°R 1	5°57	1° 1	15°32
W 5	6 56 20	14° 0'00	23°32	14°45	28°31	5°33	15°36	9°24	3°40	24° 4	21°58	5° 1	5°54	1° 8	15°34
T 6	7 0 17	15° 1'09	7♏ 5	13°23	29°22	6°18	15°35	9°22	3°38	24° 3	21°58	5° 0	5°51	1°15	15°36
F 7	7 4 14	16° 2'19	20°23	12° 3	0♎14	7° 3	15°35	9°20	3°37	24° 2	21°57	4°58	5°48	1°21	15°39
S 8	7 8 10	17° 3'28	3♐26	10°46	1° 7	7°48	15°34	9°18	3°35	24° 1	21°57	4°55	5°44	1°28	15°41
S 9	7 12 7	18° 4'38	16°15	9°36	2° 1	8°33	15°34	9°16	3°34	24° 0	21°56	4°52	5°41	1°35	15°43
M10	7 16 3	19° 5'48	28°52	8°33	2°55	9°18	15°D34	9°14	3°32	23°59	21°56	4°50	5°38	1°41	15°46
T11	7 20 0	20° 6'58	11♊16	7°39	3°50	10° 4	15°34	9°12	3°30	23°59	21°55	4°48	5°35	1°48	15°48
W12	7 23 56	21° 8'08	23°30	6°55	4°45	10°49	15°34	9° 9	3°29	23°58	21°55	4°47	5°32	1°55	15°51
T13	7 27 53	22° 9'17	5♋34	6°21	5°41	11°34	15°34	9° 7	3°27	23°57	21°54	4°D46	5°29	2° 1	15°53
F14	7 31 49	23°10'26	17°30	5°57	6°38	12°20	15°35	9° 4	3°25	23°57	21°53	4°47	5°25	2° 8	15°56
S15	7 35 46	24°11'35	29°20	5°42	7°35	13° 5	15°36	9° 2	3°23	23°56	21°53	4°48	5°22	2°15	15°59
S16	7 39 43	25°12'44	11♋ 8	5°D37	8°32	13°50	15°37	8°59	3°21	23°55	21°52	4°49	5°19	2°21	16° 1
M17	7 43 39	26°13'51	22°56	5°40	9°31	14°36	15°38	8°56	3°20	23°55	21°51	4°50	5°16	2°28	16° 4
T18	7 47 36	27°14'59	4♌49	5°52	10°29	15°21	15°40	8°53	3°18	23°54	21°51	4°51	5°13	2°35	16° 7
W19	7 51 32	28°16'05	16°51	6°11	11°28	16° 7	15°42	8°50	3°16	23°53	21°50	4°51	5°10	2°41	16°10
T20	7 55 29	29°17'11	29° 7	6°37	12°28	16°53	15°44	8°47	3°14	23°53	21°49	4°R51	5° 6	2°48	16°13
F21	7 59 25	0♍18'17	11♌40	7° 8	13°28	17°38	15°46	8°44	3°12	23°53	21°48	4°51	5° 3	2°55	16°15
S22	8 3 22	1°19'21	24°36	7°46	14°28	18°24	15°48	8°41	3° 9	23°52	21°47	4°51	5° 0	3° 1	16°18
S23	8 7 18	2°20'25	7♎58	8°28	15°29	19°10	15°50	8°37	3° 7	23°52	21°46	4°50	4°57	3° 8	16°21
M24	8 11 15	3°21'28	21°46	9°15	16°30	19°55	15°53	8°34	3° 5	23°51	21°46	4°50	4°54	3°15	16°24
T25	8 15 12	4°22'30	6♏ 1	10° 6	17°32	20°41	15°56	8°31	3° 3	23°51	21°45	4°D50	4°50	3°21	16°27
W26	8 19 8	5°23'32	20°39	11° 0	18°34	21°27	15°59	8°27	3° 1	23°51	21°44	4°50	4°47	3°28	16°30
T27	8 23 5	6°24'32	5♏35	11°58	19°36	22°13	16° 3	8°23	2°59	23°50	21°43	4°R50	4°44	3°35	16°34
F28	8 27 1	7°25'32	20°41	12°59	20°39	22°59	16° 6	8°20	2°56	23°50	21°42	4°50	4°41	3°41	16°37
S29	8 30 58	8°26'31	5♍46	14° 3	21°42	23°45	16°10	8°16	2°54	23°50	21°41	4°50	4°38	3°48	16°40
S30	8 34 54	9°27'29	20°44	15° 9	22°45	24°31	16°14	8°12	2°52	23°50	21°40	4°49	4°35	3°55	16°43
M31	8 38 51	10°28'27	5♎26	16°17	23♌49	25°17	16♌18	8♍ 8	2♍49	23♌50	21♍38	4♋49	4♋31	4♊ 1	16♋46

Delta T = 07m41s

FEBRUARY 2214

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	8 42 47	11°29'24	19♎47	17°27	24♌53	26°3 3	16♌22	8°R 4	2°R47	23°R50	21°R37	4°R48	4♋28	4♊ 8	16♋50
W 2	8 46 44	12°30'21	3♍44	18°40	25°57	26°49	16°26	8♍ 0	2♍45	23♌49	21♍36	4♋48	4°25	4°15	16°53
T 3	8 50 41	13°31'17	17°17	19°54	27° 1	27°35	16°31	7°56	2°42	23°D49	21°35	4°D48	4°22	4°21	16°56
F 4	8 54 37	14°32'12	0♎28	21° 9	28° 6	28°21	16°36	7°51	2°40	23°49	21°34	4°48	4°19	4°28	17° 0
S 5	8 58 34	15°33'07	13°19	22°26	29°11	29° 7	16°41	7°47	2°37	23°49	21°33	4°49	4°16	4°35	17° 3
S 6	9 2 30	16°34'01	25°53	23°45	0♌17	29°53	16°46	7°43	2°35	23°50	21°31	4°50	4°12	4°41	17° 6
M 7	9 6 27	17°34'54	8♌12	25° 5	1°22	0♋39	16°51	7°39	2°32	23°50	21°30	4°51	4° 9	4°48	17°10
T 8	9 10 23	18°35'46	20°21	26°26	2°28	1°26	16°57	7°34	2°30	23°50	21°29	4°52	4° 6	4°55	17°13
W 9	9 14 20	19°36'37	2♎22	27°48	3°34	2°12	17° 3	7°30	2°27	23°50	21°28	4°R53	4° 3	5° 1	17°17
T10	9 18 17	20°37'28	14°16	29°11	4°40	2°58	17° 9	7°25	2°25	23°50	21°26	4°52	4° 0	5° 8	17°20
F11	9 22 13	21°38'16	26° 7	0♋36	5°46	3°45	17°15	7°21	2°22	23°50	21°25	4°51	3°56	5°15	17°24
S12	9 26 10	22°39'04	7♋55	2° 1	6°53	4°31	17°21	7°16	2°20	23°51	21°24	4°49	3°53	5°21	17°27
S13	9 30 6	23°39'50	19°44	3°27	8° 0	5°17	17°27	7°11	2°17	23°51	21°22	4°46	3°50	5°28	17°31
M14	9 34 3	24°40'35	1♌35	4°55	9° 7	6° 4	17°34	7° 7	2°14	23°51	21°21	4°43	3°47	5°35	17°34
T15	9 37 59	25°41'19	13°31	6°23	10°14	6°50	17°40	7° 2	2°12	23°52	21°20	4°39	3°44	5°41	17°38
W16	9 41 56	26°42'00	25°35	7°52	11°21	7°37	17°47	6°57	2° 9	23°52	21°18	4°36	3°41	5°48	17°42
T17	9 45 52	27°42'41	7♌50	9°22	12°28	8°23	17°54	6°53	2° 6	23°53	21°17	4°34	3°37	5°54	17°45
F18	9 49 49	28°43'20	20°20	10°53	13°36	9°10	18° 2	6°48	2° 4	23°53	21°15	4°32	3°34	6° 1	17°49
S19	9 53 45	29°43'57	3♎ 9	12°25	14°44	9°56	18° 9	6°43	2° 1	23°54	21°14	4°D32	3°31	6° 8	17°53
S20	9 57 42	0♎44'32	16°21	13°58	15°52	10°43	18°16	6°38	1°59	23°54	21°12	4°33	3°28	6°15	17°56
M21	10 1 39	1°45'06	29°58	15°32	17° 0	11°29	18°24	6°33	1°56	23°55	21°11	4°34	3°25	6°21	18° 0
T22	10 5 35	2°45'38	14♌ 2	17° 6	18° 8	12°16	18°32	6°29	1°53	23°55	21° 9	4°36	3°22	6°28	18° 4
W23	10 9 32	3°46'08	28°33	18°42	19°16	13° 2	18°40	6°24	1°51	23°56	21° 8	4°R37	3°18	6°35	18° 7
T24	10 13 28	4°46'36	13♎26	20°18	20°25	13°49	18°48	6°19	1°48	23°57	21° 6	4°37	3°15	6°41	18°11
F25	10 17 25	5°47'03	28°36	21°56	21°34	14°36	18°56	6°14	1°45	23°58	21° 5	4°35	3°12	6°48	18°15
S26	10 21 21	6°47'28	13♍53	23°34	22°42	15°22	19° 4	6° 9	1°43	23°58	21° 3	4°32	3° 9	6°55	18°19
S27	10 25 18	7°47'51	29° 7	25°13	23°51	16° 9	19°13	6° 4	1°40	23°59	21° 2	4°27	3° 6	7° 1	18°22
M28	10 29 14	8♋48'13	14♌ 8	26♋54	25°3 0	16♋56	19♌21	6♍ 0	1♍38	24♌ 0	21♍ 0	4♋22	3♋ 2	7♊ 8	18♋26

Delta T = 07m41s

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SWISS EPHEMERIS for the year 2214

MARCH 2214

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	10 33 11	9♉48'34	28♊47	28♋35	26♌9	17♍43	19♎30	5°R55	1°R35	24♏1	20°R59	4°R17	2♋59	7♉15	18♊30								
W 2	10 37 8	10°48'53	12♌59	0♉17	27°19	18°29	19°39	5♎50	1♎32	24°2	20♎57	4♋13	2°56	7°21	18°34								
T 3	10 41 4	11°49'11	26°41	2°0	26°28	19°16	19°48	5°45	1°30	24°3	20°56	4°10	2°53	7°28	18°38								
F 4	10 45 1	12°49'27	9♉56	3°44	29°38	20°3	19°57	5°40	1°27	24°4	20°54	4°D 9	2°50	7°35	18°41								
S 5	10 48 57	13°49'42	22°46	5°29	0♉47	20°50	20°7	5°36	1°25	24°5	20°53	4°9	2°47	7°41	18°45								
S 6	10 52 54	14°49'55	5♌14	7°16	1°57	21°36	20°16	5°31	1°22	24°6	20°51	4°11	2°43	7°48	18°49								
M 7	10 56 50	15°50'07	17°26	9°3	3°7	22°23	20°26	5°26	1°20	24°7	20°49	4°12	2°40	7°55	18°53								
T 8	11 0 47	16°50'17	29°26	10°51	4°16	23°10	20°35	5°21	1°17	24°8	20°48	4°R13	2°37	8°1	18°57								
W 9	11 4 43	17°50'26	11♋19	12°41	5°26	23°57	20°45	5°17	1°15	24°9	20°46	4°13	2°34	8°8	19°0								
T 10	11 8 40	18°50'33	23°7	14°31	6°37	24°44	20°55	5°12	1°12	24°10	20°45	4°11	2°31	8°15	19°4								
F 11	11 12 37	19°50'38	4♉55	16°23	7°47	25°31	21°5	5°7	1°10	24°11	20°43	4°7	2°28	8°21	19°8								
S 12	11 16 33	20°50'42	16°44	18°15	8°57	26°18	21°15	5°3	1°7	24°12	20°41	4°1	2°24	8°28	19°12								
S 13	11 20 30	21°50'43	28°36	20°9	10°7	27°4	21°25	4°58	1°5	24°14	20°40	3°52	2°21	8°35	19°16								
M14	11 24 26	22°50'43	10♉34	22°3	11°18	27°51	21°36	4°54	1°2	24°15	20°38	3°43	2°18	8°41	19°19								
T 15	11 28 23	23°50'41	22°38	23°59	12°28	28°38	21°46	4°49	1°0	24°16	20°37	3°33	2°15	8°48	19°23								
W16	11 32 19	24°50'36	4♌50	25°55	13°39	29°25	21°57	4°45	0°58	24°17	20°35	3°23	2°12	8°55	19°27								
T 17	11 36 16	25°50'30	17°12	27°53	14°49	0♉12	22°7	4°41	0°55	24°19	20°33	3°15	2°8	9°1	19°31								
F 18	11 40 12	26°50'21	29°46	29°51	16°0	0°59	22°18	4°36	0°53	24°20	20°32	3°10	2°5	9°8	19°35								
S 19	11 44 9	27°50'11	12♊34	1°V49	17°10	1°46	22°29	4°32	0°51	24°22	20°30	3°6	2°2	9°15	19°38								
S 20	11 48 6	28°49'58	25°41	3°48	18°21	2°33	22°40	4°28	0°49	24°23	20°29	3°D 5	1°59	9°21	19°42								
M21	11 52 2	29°49'43	9♌8	5°48	19°32	3°20	22°51	4°24	0°46	24°24	20°27	3°5	1°56	9°28	19°46								
T 22	11 55 59	0°V49'26	22°59	7°47	20°43	4°7	23°2	4°20	0°44	24°26	20°25	3°6	1°53	9°35	19°50								
W23	11 59 55	1°49'06	7♌14	9°47	21°54	4°54	23°13	4°16	0°42	24°27	20°24	3°R 6	1°49	9°41	19°54								
T 24	12 3 52	2°48'44	21°51	11°46	23°5	5°40	23°25	4°12	0°40	24°29	20°22	3°5	1°46	9°48	19°57								
F 25	12 7 48	3°48'20	6♎48	13°44	24°16	6°27	23°36	4°8	0°38	24°30	20°21	3°1	1°43	9°55	20°1								
S 26	12 11 45	4°47'53	21°57	15°41	25°27	7°14	23°48	4°4	0°36	24°32	20°19	2°55	1°40	10°1	20°5								
S 27	12 15 41	5°47'25	7♌9	17°37	26°38	8°1	23°59	4°0	0°34	24°34	20°18	2°46	1°37	10°8	20°8								
M28	12 19 38	6°46'54	22°13	19°32	27°49	8°48	24°11	3°56	0°32	24°35	20°16	2°37	1°33	10°15	20°12								
T 29	12 23 35	7°46'22	6♌59	21°24	29°1	9°35	24°23	3°53	0°30	24°37	20°15	2°27	1°30	10°21	20°16								
W30	12 27 31	8°45'48	21°20	23°13	0♉12	10°22	24°34	3°49	0°28	24°39	20°13	2°18	1°27	10°28	20°19								
T 31	12 31 28	9°V45'12	5♉12	25°V 0	1♉23	11♉9	24♌46	3♎46	0♎26	24♏40	20♎12	2♋11	1♋24	10♉35	20♉23								

Delta T = 07m41s

APRIL 2214

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
F 1	12 35 24	10°V44'34	18♉34	26°V43	2♉35	11♉56	24♌58	3°R42	0°R24	24♏42	20°R10	2°R 7	1♋21	10♉41	20♉27								
S 2	12 39 21	11°43'55	1♌29	28°22	3°46	12°43	25°10	3♎39	0♎22	24°44	20°R 9	2♋4	1°18	10°48	20°30								
S 3	12 43 17	12°43'14	14°0	29°57	4°58	13°30	25°23	3°36	0°21	24°46	20°7	2°D 4	1°14	10°55	20°34								
M 4	12 47 14	13°42'31	26°11	1♌27	6°9	14°16	25°35	3°33	0°19	24°47	20°6	2°R 4	1°11	11°1	20°38								
T 5	12 51 10	14°41'46	8♋10	2°53	7°21	15°3	25°47	3°30	0°17	24°49	20°4	2°4	1°8	11°8	20°41								
W 6	12 55 7	15°41'00	20°1	4°13	8°33	15°50	25°59	3°27	0°16	24°51	20°3	2°3	1°5	11°15	20°45								
T 7	12 59 4	16°40'11	1♉48	5°27	9°44	16°37	26°12	3°24	0°14	24°53	20°2	1°59	1°2	11°21	20°48								
F 8	13 3 0	17°39'21	13°36	6°36	10°56	17°24	26°24	3°21	0°13	24°55	20°0	1°53	0°59	11°28	20°52								
S 9	13 6 57	18°38'29	25°28	7°39	12°8	18°11	26°37	3°18	0°11	24°57	19°59	1°43	0°55	11°35	20°55								
S 10	13 10 53	19°37'34	7°V26	8°35	13°20	18°58	26°50	3°16	0°10	24°58	19°58	1°31	0°52	11°41	20°59								
M11	13 14 50	20°36'38	19°33	9°25	14°31	19°44	27°2	3°13	0°8	25°0	19°56	1°18	0°49	11°48	21°2								
T 12	13 18 46	21°35'40	1♌49	10°9	15°43	20°31	27°15	3°11	0°7	25°2	19°55	1°4	0°46	11°55	21°5								
W13	13 22 43	22°34'40	14°14	10°46	16°55	21°18	27°28	3°9	0°6	25°4	19°54	0°51	0°43	12°1	21°9								
T 14	13 26 39	23°33'38	26°50	11°16	18°7	22°5	27°41	3°6	0°4	25°6	19°52	0°39	0°39	12°8	21°12								
F 15	13 30 36	24°32'34	9♊37	11°40	19°19	22°52	27°54	3°4	0°3	25°8	19°51	0°31	0°36	12°15	21°16								
S 16	13 34 32	25°31'28	22°36	11°57	20°31	23°38	28°7	3°2	0°2	25°10	19°50	0°25	0°33	12°22	21°19								
S 17	13 38 29	26°30'19	5♌48	12°8	21°43	24°25	28°20	3°0	0°1	25°12	19°49	0°22	0°30	12°28	21°22								
M18	13 42 26	27°29'08	19°15	12°R12	22°55	25°12	28°33	2°59	0°0	25°14	19°47	0°21	0°27	12°35	21°25								
T 19	13 46 22	28°27'55	3♌0	12°10	24°7	25°58	28°46	2°57	29♌59	25°16	19°46	0°21	0°24	12°42	21°29								
W20	13 50 19	29°26'39	17°2	12°1	25°19	26°45	28°59	2°55	29°58	25°18	19°45	0°20	0°20	12°48	21°32								
T 21	13 54 15	0♌25'22	1♎22	11°47	26°31	27°32	29°12	2°54	29°57	25°20	19°44	0°18	0°17	12°55	21°35								
F 22	13 58 12	1°24'02	15°59	11°28	27°43	28°18	29°26	2°52	29°56	25°23	19°43	0°14	0°14	13°2	21°38								
S 23	14 2 8	2°22'39	0♌47	11°4	28°55	29°5	29°39	2°51	29°55	25°25	19°42	0°6	0°11	13°8	21°41								
S 24	14 6 5	3°21'15	15°39	10°35	0°V 7	29°51	29°52	2°50	29°55	25°27	19°41	29♌57	0°8	13°15	21°44								
M25	14 10 1	4°19'48	0♌28	10°3	1°19	0°V38	0♊6	2°49	29°54	25°29	19°40	29°45	0°5	13°22	21°47								
T 26	14 13 58	5°18'20	15°5	9°27	2°32	1°25	0°19	2°48	29°53	25°31	19°39	29°34	0°1	13°28	21°50								
W27	14 17 55	6°16'50	29°21	8°49	3°44	2°11	0°33	2°47	29°53	25°33	19°38	29°23	29♌58	13°35	21°53								
T 28	14 21 51	7°15'19	13♉13	8°9	4°56	2°58	0°46	2°46	29°52	25°35	19°37	29°15	29°55	13°42	21°56								
F 29	14 25 48	8°13'45	26°37	7°29	6°8	3°44	1°0	2°45	29°52	25°37	19°36	29°9	29°52	13°48	21°59								
S 30	14 29 44	9♌12'10	9♌35	6♌48	7°V21	4°V30	1♊13	2♎45	29♌51	25♌40	19♎35	29♌6	29♌49	13♉55	22♉2								

Delta T = 07m41s

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SWISS EPHEMERIS for the year 2214

MAY 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	14 33 41	10♁10'34	22♁10	6°R 8	8♁33	5♁17	1♁27	2°R44	29°R51	25♁42	19°R34	29°R 4	29♁45	14♁ 2	22♁ 5		
M 2	14 37 37	11° 8'55	4♁25	5♁28	9°45	6° 3	1°40	2♁44	29♁50	25°44	19♁33	29°D 4	29°42	14° 8	22° 7		
T 3	14 41 34	12° 7'16	16°26	4°51	10°58	6°50	1°54	2°44	29°50	25°46	19°32	29°R 4	29°39	14°15	22°10		
W 4	14 45 30	13° 5'34	28°18	4°17	12°10	7°36	2° 8	2°43	29°50	25°48	19°31	29♁ 3	29°36	14°22	22°13		
T 5	14 49 27	14° 3'51	10♁ 7	3°45	13°22	8°22	2°22	2°D43	29°50	25°51	19°31	29° 0	29°33	14°28	22°16		
F 6	14 53 24	15° 2'07	3°V 7	3°17	14°35	9° 8	2°35	2°43	29°50	25°53	19°30	28°55	29°30	14°35	22°18		
S 7	14 57 20	16° 0'21	3°V 53	2°53	15°47	9°55	2°49	2°44	29°49	25°55	19°29	28°47	29°26	14°42	22°21		
S 8	15 1 17	16°58'33	15°58	2°33	16°59	10°41	3° 3	2°44	29°D49	25°57	19°28	28°37	29°23	14°49	22°23		
M 9	15 5 13	17°56'44	28°14	2°17	18°12	11°27	3°17	2°44	29°49	26° 0	19°28	28°25	29°20	14°55	22°26		
T 10	15 9 10	18°54'54	10♁43	2° 6	19°24	12°13	3°31	2°45	29°50	26° 2	19°27	28°13	29°17	15° 2	22°28		
W11	15 13 6	19°53'01	23°25	1°59	20°37	12°59	3°45	2°45	29°50	26° 4	19°26	28° 1	29°14	15° 9	22°31		
T 12	15 17 3	20°51'08	6♁20	1°D58	21°49	13°45	3°59	2°46	29°50	26° 6	19°26	27°51	29°10	15°15	22°33		
F 13	15 20 59	21°49'12	19°26	2° 1	23° 2	14°31	4°13	2°47	29°50	26° 9	19°25	27°43	29° 7	15°22	22°35		
S 14	15 24 56	22°47'15	2♁44	2° 8	24°14	15°17	4°27	2°48	29°50	26°11	19°25	27°38	29° 4	15°29	22°38		
S 15	15 28 53	23°45'16	16°13	2°20	25°27	16° 3	4°40	2°49	29°51	26°13	19°24	27°35	29° 1	15°35	22°40		
M16	15 32 49	24°43'15	29°52	2°37	26°39	16°49	4°54	2°50	29°51	26°15	19°24	27°D35	28°58	15°42	22°42		
T 17	15 36 46	25°41'12	13♁42	2°58	27°52	17°35	5° 8	2°51	29°52	26°18	19°23	27°35	28°55	15°49	22°44		
W18	15 40 42	26°39'08	27°42	3°24	29° 4	18°21	5°22	2°52	29°52	26°20	19°23	27°R36	28°51	15°55	22°46		
T 19	15 44 39	27°37'01	11♁53	3°54	0♁17	19° 7	5°36	2°54	29°53	26°22	19°22	27°35	28°48	16° 2	22°49		
F 20	15 48 35	28°34'53	26°13	4°27	1°29	19°52	5°51	2°55	29°53	26°24	19°22	27°32	28°45	16° 9	22°51		
S 21	15 52 32	29°32'43	10♁38	5° 5	2°42	20°38	6° 5	2°57	29°54	26°27	19°22	27°27	28°42	16°15	22°53		
S 22	15 56 28	0♁30'31	25° 5	5°47	3°55	21°24	6°19	2°59	29°55	26°29	19°21	27°20	28°39	16°22	22°54		
M23	16 0 25	1°28'18	9♁28	6°32	5° 7	22° 9	6°33	3° 1	29°56	26°31	19°21	27°11	28°36	16°29	22°56		
T 24	16 4 22	2°26'03	23°41	7°21	6°20	22°55	6°47	3° 2	29°56	26°33	19°21	27° 2	28°32	16°36	22°58		
W25	16 8 18	3°23'47	7♁39	8°13	7°32	23°40	7° 1	3° 4	29°57	26°36	19°21	26°54	28°29	16°42	23° 0		
T 26	16 12 15	4°21'30	21°18	9° 8	8°45	24°26	7°15	3° 7	29°58	26°38	19°21	26°48	28°26	16°49	23° 2		
F 27	16 16 11	5°19'11	4♁34	10° 7	9°58	25°11	7°29	3° 9	29°59	26°40	19°20	26°44	28°23	16°56	23° 3		
S 28	16 20 8	6°16'51	17°28	11° 9	11°10	25°57	7°43	3°11	0♁ 0	26°42	19°20	26°41	28°20	17° 2	23° 5		
S 29	16 24 4	7°14'31	0♁ 2	12°14	12°23	26°42	7°57	3°14	0° 1	26°45	19°20	26°D41	28°16	17° 9	23° 7		
M30	16 28 1	8°12'09	12°18	13°22	13°36	27°27	8°11	3°16	0° 3	26°47	19°20	26°42	28°13	17°16	23° 8		
T 31	16 31 58	9♁ 9'46	24♁21	14♁33	14♁48	28♁13	8♁25	3♁19	0♁ 4	26♁49	19°D20	26♁43	28♁10	17♁22	23♁10		

Delta T = 07m42s

JUNE 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	16 35 54	10♁ 7'22	6♁16	15♁47	16♁ 1	28♁58	8♁39	3♁22	0♁ 5	26♁51	19♁20	26°R44	28♁ 7	17♁29	23♁11		
T 2	16 39 51	11° 4'57	18° 7	17° 4	17°14	29°43	8°53	3°24	0° 6	26°53	19°20	26♁44	28° 4	17°36	23°12		
F 3	16 43 47	12° 2'31	29°59	18°23	18°27	0♁28	9° 7	3°27	0° 8	26°56	19°20	26°42	28° 1	17°42	23°14		
S 4	16 47 44	13° 0'05	11♁58	19°45	19°39	1°13	9°21	3°30	0° 9	26°58	19°20	26°38	27°57	17°49	23°15		
S 5	16 51 40	13°57'37	24° 8	21°10	20°52	1°58	9°36	3°33	0°11	27° 0	19°21	26°33	27°54	17°56	23°16		
M 6	16 55 37	14°55'09	6♁31	22°37	22° 5	2°43	9°50	3°37	0°12	27° 2	19°21	26°27	27°51	18° 3	23°17		
T 7	16 59 33	15°52'40	19°10	24° 7	23°18	3°28	10° 4	3°40	0°14	27° 4	19°21	26°20	27°48	18° 9	23°18		
W 8	17 3 30	16°50'10	2♁ 7	25°40	24°31	4°13	10°18	3°43	0°15	27° 6	19°21	26°13	27°45	18°16	23°20		
T 9	17 7 27	17°47'40	15°20	27°15	25°44	4°58	10°32	3°47	0°17	27° 9	19°21	26° 7	27°42	18°23	23°21		
F 10	17 11 23	18°45'08	28°49	28°53	26°56	5°42	10°46	3°50	0°19	27°11	19°22	26° 3	27°38	18°29	23°21		
S 11	17 15 20	19°42'35	12♁31	0♁34	28° 9	6°27	11° 0	3°54	0°20	27°13	19°22	26° 0	27°35	18°36	23°22		
S 12	17 19 16	20°40'02	26°23	2°17	29°22	7°12	11°14	3°58	0°22	27°15	19°22	26°D 0	27°32	18°43	23°23		
M13	17 23 13	21°37'27	10♁25	4° 2	0♁35	7°56	11°28	4° 1	0°24	27°17	19°23	26° 0	27°29	18°49	23°24		
T 14	17 27 9	22°34'51	24°32	5°50	1°48	8°41	11°41	4° 5	0°26	27°19	19°23	26° 2	27°26	18°56	23°25		
W15	17 31 6	23°32'15	8♁42	7°41	3° 1	9°25	11°55	4° 9	0°28	27°21	19°24	26° 3	27°22	19° 3	23°25		
T 16	17 35 2	24°29'37	22°54	9°34	4°14	10°10	12° 9	4°13	0°30	27°23	19°24	26°R 4	27°19	19° 9	23°26		
F 17	17 38 59	25°26'58	7♁ 6	11°29	5°27	10°54	12°23	4°18	0°32	27°25	19°25	26° 3	27°16	19°16	23°27		
S 18	17 42 56	26°24'17	21°15	13°27	6°40	11°38	12°37	4°22	0°34	27°27	19°25	26° 1	27°13	19°23	23°27		
S 19	17 46 52	27°21'37	5♁20	15°27	7°52	12°22	12°51	4°26	0°36	27°29	19°26	25°58	27°10	19°30	23°28		
M20	17 50 49	28°18'55	19°16	17°29	9° 5	13° 7	13° 5	4°31	0°38	27°31	19°26	25°55	27° 7	19°36	23°28		
T 21	17 54 45	29°16'12	3♁ 2	19°33	10°18	13°51	13°18	4°35	0°40	27°33	19°27	25°51	27° 3	19°43	23°28		
W22	17 58 42	0♁13'29	16°34	21°38	11°31	14°35	13°32	4°40	0°43	27°35	19°28	25°47	27° 0	19°50	23°29		
T 23	18 2 38	1°10'45	29°50	23°46	12°44	15°19	13°46	4°44	0°45	27°37	19°28	25°44	26°57	19°56	23°29		
F 24	18 6 35	2° 8'01	12♁50	25°54	13°57	16° 3	13°59	4°49	0°47	27°39	19°29	25°42	26°54	20° 3	23°29		
S 25	18 10 31	3° 5'16	25°33	28° 4	15°11	16°46	14°13	4°54	0°50	27°41	19°30	25°D42	26°51	20°10	23°29		
S 26	18 14 28	4° 2'31	8♁ 0	0♁15	16°24	17°30	14°27	4°59	0°52	27°43	19°31	25°42	26°48	20°16	23°29		
M27	18 18 25	4°59'45	20°13	2°26	17°37	18°14	14°40	5° 4	0°54	27°45	19°31	25°43	26°44	20°23	23°R29		
T 28	18 22 21	5°57'00	2♁15	4°37	18°50	18°58	14°54	5° 9	0°57	27°47	19°32	25°45	26°41	20°30	23°29		
W29	18 26 18	6°54'14	14°10	6°49	20° 3	19°41	15° 7	5°14	0°59	27°49	19°33	25°46	26°38	20°36	23°29		
T 30	18 30 14	7♁51'28	26♁ 2	9♁ 0	21♁16	20♁25	15♁21	5♁19	1♁ 2	27♁51	19♁34	25♁48	26♁35	20♁43	23♁29		

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SWISS EPHEMERIS for the year 2214

JULY 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	18 34 11	8 ⁵ 48'42	7 ⁹ 55	11 ⁵ 11	22 ^{II} 29	21 [♄] 8	15 ^{II} 34	5 [♁] 24	1 [♁] 5	27 [♄] 52	19 [♁] 35	25 [°] R48	26 [♁] 32	20 [♁] 50	23 [°] R29
S 2	18 38 7	9 ⁴ 45'56	19 ⁵ 55	13 [°] 21	23 [°] 42	21 [°] 51	15 [°] 48	5 [°] 29	1 [°] 7	27 [°] 54	19 [°] 36	25 [°] Z48	26 [°] 28	20 [°] 57	23 [°] ♁29
S 3	18 42 4	10 [°] 43'10	2 [♄] 6	15 [°] 30	24 [°] 56	22 [°] 35	16 [°] 1	5 [°] 35	1 [°] 10	27 [°] 56	19 [°] 37	25 [°] 47	26 [°] 25	21 [°] 3	23 [°] 28
M 4	18 46 0	11 [°] 40'24	14 [°] 32	17 [°] 37	26 [°] 9	23 [°] 18	16 [°] 14	5 [°] 40	1 [°] 13	27 [°] 58	19 [°] 38	25 [°] 45	26 [°] 22	21 [°] 10	23 [°] 28
T 5	18 49 57	12 [°] 37'38	27 [°] 16	19 [°] 44	27 [°] 22	24 [°] 1	16 [°] 28	5 [°] 46	1 [°] 15	27 [°] 59	19 [°] 39	25 [°] 43	26 [°] 19	21 [°] 17	23 [°] 28
W 6	18 53 54	13 [°] 34'52	10 ^{II} 20	21 [°] 49	28 [°] 35	24 [°] 44	16 [°] 41	5 [°] 51	1 [°] 18	28 [°] 1	19 [°] 40	25 [°] 42	26 [°] 16	21 [°] 23	23 [°] 27
T 7	18 57 50	14 [°] 32'06	23 [°] 46	23 [°] 52	29 [°] 49	25 [°] 27	16 [°] 54	5 [°] 57	1 [°] 21	28 [°] 3	19 [°] 41	25 [°] 40	26 [°] 13	21 [°] 30	23 [°] 27
F 8	19 1 147	15 [°] 29'21	7 [♁] 33	25 [°] 54	1 [♁] 2	26 [°] 10	17 [°] 7	6 [°] 2	1 [°] 24	28 [°] 4	19 [°] 42	25 [°] 39	26 [°] 9	21 [°] 37	23 [°] 26
S 9	19 5 43	16 [°] 26'35	21 [°] 37	27 [°] 54	2 [°] 15	26 [°] 53	17 [°] 20	6 [°] 8	1 [°] 27	28 [°] 6	19 [°] 43	25 [°] D39	26 [°] 6	21 [°] 43	23 [°] 25
S 10	19 9 40	17 [°] 23'50	5 [♁] 56	29 [°] 52	3 [°] 28	27 [°] 36	17 [°] 33	6 [°] 14	1 [°] 30	28 [°] 8	19 [°] 45	25 [°] 39	26 [°] 3	21 [°] 50	23 [°] 25
M 11	19 13 36	18 [°] 21'04	20 [°] 24	1 [♁] 48	4 [°] 42	28 [°] 19	17 [°] 46	6 [°] 20	1 [°] 33	28 [°] 9	19 [°] 46	25 [°] 40	26 [°] 0	21 [°] 57	23 [°] 24
T 12	19 17 33	19 [°] 18'18	4 [♁] 55	3 [°] 42	5 [°] 55	29 [°] 2	17 [°] 59	6 [°] 26	1 [°] 36	28 [°] 11	19 [°] 47	25 [°] 40	25 [°] 57	22 [°] 4	23 [°] 23
W 13	19 21 30	20 [°] 15'32	19 [°] 26	5 [°] 34	7 [°] 9	29 [°] 44	18 [°] 12	6 [°] 32	1 [°] 39	28 [°] 12	19 [°] 48	25 [°] 41	25 [°] 54	22 [°] 10	23 [°] 22
T 14	19 25 26	21 [°] 12'45	3 [♁] 50	7 [°] 24	8 [°] 22	0 ^{II} 27	18 [°] 25	6 [°] 38	1 [°] 42	28 [°] 14	19 [°] 50	25 [°] 41	25 [°] 50	22 [°] 17	23 [°] 21
F 15	19 29 23	22 [°] 9'59	18 [°] 5	9 [°] 13	9 [°] 35	1 [°] 9	18 [°] 38	6 [°] 44	1 [°] 45	28 [°] 15	19 [°] 51	25 [°] R41	25 [°] 47	22 [°] 24	23 [°] 20
S 16	19 33 19	23 [°] 7'12	2 [♁] 8	10 [°] 59	10 [°] 49	1 [°] 51	18 [°] 51	6 [°] 50	1 [°] 48	28 [°] 17	19 [°] 52	25 [°] 41	25 [°] 44	22 [°] 30	23 [°] 19
S 17	19 37 16	24 [°] 4'26	15 [°] 38	12 [°] 44	12 [°] 2	2 [°] 34	19 [°] 3	6 [°] 56	1 [°] 51	28 [°] 18	19 [°] 54	25 [°] 41	25 [°] 41	22 [°] 37	23 [°] 18
M 18	19 41 12	25 [°] 1'39	29 [°] 34	14 [°] 26	13 [°] 16	3 [°] 16	19 [°] 16	7 [°] 2	1 [°] 54	28 [°] 20	19 [°] 55	25 [°] 41	25 [°] 38	22 [°] 44	23 [°] 17
T 19	19 45 9	25 [°] 58'53	12 [♁] 56	16 [°] 7	14 [°] 29	3 [°] 58	19 [°] 29	7 [°] 9	1 [°] 57	28 [°] 21	19 [°] 56	25 [°] D41	25 [°] 34	22 [°] 50	23 [°] 16
W 20	19 49 5	26 [°] 56'06	26 [°] 3	17 [°] 45	15 [°] 43	4 [°] 40	19 [°] 41	7 [°] 15	2 [°] 0	28 [°] 23	19 [°] 58	25 [°] 41	25 [°] 31	22 [°] 57	23 [°] 15
T 21	19 53 2	27 [°] 53'20	8 [♁] 56	19 [°] 22	16 [°] 56	5 [°] 22	19 [°] 53	7 [°] 22	2 [°] 4	28 [°] 24	19 [°] 59	25 [°] 41	25 [°] 28	23 [°] 4	23 [°] 14
F 22	19 56 59	28 [°] 50'34	21 [°] 36	20 [°] 56	18 [°] 10	6 [°] 4	20 [°] 6	7 [°] 28	2 [°] 7	28 [°] 25	20 [°] 1	25 [°] R41	25 [°] 25	23 [°] 11	23 [°] 12
S 23	20 0 55	29 [°] 47'48	4 [♁] 4	22 [°] 29	19 [°] 23	6 [°] 46	20 [°] 18	7 [°] 34	2 [°] 10	28 [°] 27	20 [°] 2	25 [°] 41	25 [°] 22	23 [°] 17	23 [°] 11
S 24	20 4 52	0 [♁] 45'03	16 [°] 20	24 [°] 0	20 [°] 37	7 [°] 28	20 [°] 30	7 [°] 41	2 [°] 14	28 [°] 28	20 [°] 4	25 [°] 41	25 [°] 19	23 [°] 24	23 [°] 9
M 25	20 8 48	1 [°] 42'19	28 [°] 26	25 [°] 29	21 [°] 51	8 [°] 9	20 [°] 42	7 [°] 48	2 [°] 17	28 [°] 29	20 [°] 5	25 [°] 40	25 [°] 15	23 [°] 31	23 [°] 8
T 26	20 12 45	2 [°] 39'34	10 [♁] 24	26 [°] 55	23 [°] 4	8 [°] 51	20 [°] 55	7 [°] 54	2 [°] 20	28 [°] 30	20 [°] 7	25 [°] 40	25 [°] 12	23 [°] 37	23 [°] 7
W 27	20 16 41	3 [°] 36'51	22 [°] 18	28 [°] 20	24 [°] 18	9 [°] 32	21 [°] 7	8 [°] 1	2 [°] 24	28 [°] 31	20 [°] 8	25 [°] 39	25 [°] 9	23 [°] 44	23 [°] 5
T 28	20 20 38	4 [°] 34'08	4 [♁] 9	29 [°] 43	25 [°] 32	10 [°] 14	21 [°] 19	8 [°] 8	2 [°] 27	28 [°] 33	20 [°] 10	25 [°] 38	25 [°] 6	23 [°] 51	23 [°] 3
F 29	20 24 34	5 [°] 31'26	16 [°] 2	1 [♁] 3	26 [°] 45	10 [°] 55	21 [°] 30	8 [°] 14	2 [°] 30	28 [°] 34	20 [°] 12	25 [°] 37	25 [°] 3	23 [°] 57	23 [°] 2
S 30	20 28 31	6 [°] 28'45	28 [°] 1	2 [°] 21	27 [°] 59	11 [°] 36	21 [°] 42	8 [°] 21	2 [°] 34	28 [°] 35	20 [°] 13	25 [°] 36	25 [°] 0	24 [°] 4	23 [°] 0
S 31	20 32 28	7 [♁] 26'05	10 [♁] 10	3 [♁] 38	29 [♁] 13	12 ^{II} 18	21 ^{II} 54	8 [♁] 28	2 [♁] 37	28 [♁] 36	20 [♁] 15	25 [°] D36	24 [♁] 56	24 [♁] 11	22 [♁] 58

Delta T = 07m42s

AUGUST 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	20 36 24	8 [♁] 23'26	22 [♁] 34	4 [♁] 52	0 [♁] 27	12 ^{II} 59	22 ^{II} 6	8 [♁] 35	2 [♁] 41	28 [♁] 37	20 [♁] 17	25 [°] Z36	24 [♁] 53	24 [♁] 18	22 [°] R57
T 2	20 40 21	9 [°] 20'48	5 ^{II} 17	6 [°] 3	1 [°] 40	13 [°] 40	22 [°] 17	8 [°] 42	2 [°] 44	28 [°] 38	20 [°] 18	25 [°] 37	24 [°] 50	24 [°] 24	22 [°] ♁55
W 3	20 44 17	10 [°] 18'11	18 [°] 22	7 [°] 12	2 [°] 54	14 [°] 21	22 [°] 29	8 [°] 49	2 [°] 48	28 [°] 39	20 [°] 20	25 [°] 38	24 [°] 47	24 [°] 31	22 [°] 53
T 4	20 48 14	11 [°] 15'35	1 [♁] 51	8 [°] 19	4 [°] 8	15 [°] 1	22 [°] 40	8 [°] 56	2 [°] 51	28 [°] 40	20 [°] 22	25 [°] 39	24 [°] 44	24 [°] 38	22 [°] 51
F 5	20 52 10	12 [°] 13'00	15 [°] 46	9 [°] 24	5 [°] 22	15 [°] 42	22 [°] 51	9 [°] 3	2 [°] 55	28 [°] 41	20 [°] 24	25 [°] 40	24 [°] 40	24 [°] 44	22 [°] 49
S 6	20 56 7	13 [°] 10'26	0 [♁] 5	10 [°] 25	6 [°] 36	16 [°] 23	23 [°] 3	9 [°] 10	2 [°] 59	28 [°] 42	20 [°] 25	25 [°] R40	24 [°] 37	24 [°] 51	22 [°] 47
S 7	21 0 3	14 [°] 7'53	14 [°] 43	11 [°] 24	7 [°] 50	17 [°] 3	23 [°] 14	9 [°] 17	3 [°] 2	28 [°] 43	20 [°] 27	25 [°] 40	24 [°] 34	24 [°] 58	22 [°] 45
M 8	21 4 0	15 [°] 5'21	29 [°] 35	12 [°] 20	9 [°] 4	17 [°] 44	23 [°] 25	9 [°] 24	3 [°] 6	28 [°] 43	20 [°] 29	25 [°] 38	24 [°] 31	25 [°] 5	22 [°] 43
T 9	21 7 57	16 [°] 2'49	14 [♁] 32	13 [°] 13	10 [°] 18	18 [°] 24	23 [°] 36	9 [°] 31	3 [°] 9	28 [°] 44	20 [°] 31	25 [°] 36	24 [°] 28	25 [°] 11	22 [°] 41
W 10	21 11 53	17 [°] 0'19	29 [°] 26	14 [°] 3	11 [°] 32	19 [°] 4	23 [°] 47	9 [°] 39	3 [°] 13	28 [°] 45	20 [°] 33	25 [°] 33	24 [°] 25	25 [°] 18	22 [°] 39
T 11	21 15 50	17 [°] 57'49	14 [♁] 9	14 [°] 49	12 [°] 45	19 [°] 45	23 [°] 58	9 [°] 46	3 [°] 17	28 [°] 46	20 [°] 35	25 [°] 30	24 [°] 21	25 [°] 25	22 [°] 37
F 12	21 19 46	18 [°] 55'19	28 [°] 37	15 [°] 32	13 [°] 59	20 [°] 25	24 [°] 8	9 [°] 53	3 [°] 20	28 [°] 46	20 [°] 37	25 [°] 28	24 [°] 18	25 [°] 31	22 [°] 34
S 13	21 23 43	19 [°] 52'51	12 [♁] 44	16 [°] 12	15 [°] 14	21 [°] 5	24 [°] 19	10 [°] 0	3 [°] 24	28 [°] 47	20 [°] 38	25 [°] 27	24 [°] 15	25 [°] 38	22 [°] 32
S 14	21 27 39	20 [°] 50'23	26 [°] 30	16 [°] 47	16 [°] 28	21 [°] 44	24 [°] 29	10 [°] 8	3 [°] 28	28 [°] 48	20 [°] 40	25 [°] D27	24 [°] 12	25 [°] 45	22 [°] 30
M 15	21 31 36	21 [°] 47'56	9 [♁] 54	17 [°] 19	17 [°] 42	22 [°] 24	24 [°] 40	10 [°] 15	3 [°] 31	28 [°] 48	20 [°] 42	25 [°] 28	24 [°] 9	25 [°] 51	22 [°] 28
T 16	21 35 32	22 [°] 45'31	23 [°] 0	17 [°] 46	18 [°] 56	23 [°] 4	24 [°] 50	10 [°] 22	3 [°] 35	28 [°] 49	20 [°] 44	25 [°] 29	24 [°] 6	25 [°] 58	22 [°] 25

SWISS EPHEMERIS for the year 2214

SEPTEMBER 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	22 38 37	8 ^h 9'24"	10 ^h 3'	13°R24	8 ^h 43	3 ^h 25	27 ^h 20	12 ^h 22	4 ^h 35	28 ^h 54	21 ^h 17	24 ^h 53	23 ^h 15	27 ^h 46	21°R44		
F 2	22 42 34	9° 7'22"	23°55'	12 ^h 29	9°58'	4° 3'	27°28'	12°29'	4°39'	28°R54	21°19'	24°R54	23°12'	27°52'	21 ^h 41		
S 3	22 46 30	10° 5'22"	8 ^h 15'	11°33'	11°12'	4°40'	27°36'	12°37'	4°43'	28°54'	21°21'	24°53'	23° 8'	27°59'	21°39'		
S 4	22 50 27	11° 3'24"	23° 0'	10°37'	12°26'	5°18'	27°44'	12°45'	4°46'	28°54'	21°23'	24°51'	23° 5'	28° 6'	21°36'		
M 5	22 54 24	12° 1'28"	8 ^h 4'	9°43'	13°41'	5°56'	27°52'	12°52'	4°50'	28°54'	21°25'	24°46'	23° 2'	28°12'	21°33'		
T 6	22 58 20	12°59'33"	23°18'	8°51'	14°55'	6°33'	28° 0'	13° 0'	4°54'	28°53'	21°28'	24°40'	22°59'	28°19'	21°30'		
W 7	23 2 17	13°57'39"	8 ^h 31'	8° 2'	16°10'	7°10'	28° 7'	13° 7'	4°57'	28°53'	21°30'	24°32'	22°56'	28°26'	21°27'		
T 8	23 6 13	14°55'48"	23°34'	7°18'	17°24'	7°47'	28°15'	13°15'	5° 1'	28°53'	21°32'	24°25'	22°52'	28°32'	21°25'		
F 9	23 10 10	15°53'57"	8 ^h 17'	6°40'	18°39'	8°24'	28°22'	13°23'	5° 5'	28°53'	21°34'	24°19'	22°49'	28°39'	21°22'		
S 10	23 14 6	16°52'09"	22°35'	6° 9'	19°53'	9° 1'	28°29'	13°30'	5° 9'	28°53'	21°36'	24°14'	22°46'	28°46'	21°19'		
S 11	23 18 3	17°50'21"	6 ^h 25'	5°45'	21° 8'	9°38'	28°37'	13°38'	5°12'	28°52'	21°38'	24°12'	22°43'	28°53'	21°16'		
M12	23 21 59	18°48'35"	19°49'	5°30'	22°22'	10°15'	28°43'	13°45'	5°16'	28°52'	21°40'	24°D11	22°40'	28°59'	21°13'		
T13	23 25 56	19°46'51"	2 ^h 39'	5°D23	23°37'	10°51'	28°50'	13°53'	5°20'	28°52'	21°43'	24°12'	22°37'	29° 6'	21°11'		
W14	23 29 52	20°45'08"	15°28'	5°25'	24°51'	11°27'	28°57'	14° 0'	5°23'	28°51'	21°45'	24°13'	22°33'	29°13'	21° 8'		
T15	23 33 49	21°43'27"	27°51'	5°36'	26° 6'	12° 4'	29° 3'	14° 8'	5°27'	28°51'	21°47'	24°R13	22°30'	29°19'	21° 5'		
F16	23 37 46	22°41'47"	10 ^h 22'	5°56'	27°20'	12°40'	29°10'	14°15'	5°31'	28°50'	21°49'	24°11'	22°27'	29°26'	21° 2'		
S17	23 41 42	23°40'09"	22° 4'	6°25'	28°35'	13°16'	29°16'	14°23'	5°34'	28°50'	21°51'	24° 8'	22°24'	29°33'	20°59'		
S18	23 45 39	24°38'32"	4 ^h 0'	7° 2'	29°49'	13°51'	29°22'	14°30'	5°38'	28°49'	21°53'	24° 2'	22°21'	29°40'	20°56'		
M19	23 49 35	25°36'57"	15°53'	7°49'	1 ^h 4'	14°27'	29°27'	14°38'	5°41'	28°49'	21°56'	23°53'	22°17'	29°46'	20°54'		
T20	23 53 32	26°35'24"	27°45'	8°43'	2°19'	15° 3'	29°33'	14°45'	5°45'	28°48'	21°58'	23°42'	22°14'	29°53'	20°51'		
W21	23 57 28	27°33'53"	9 ^h 37'	9°44'	3°33'	15°38'	29°39'	14°53'	5°49'	28°48'	22° 0'	23°30'	22°11'	0 ^h 0'	20°48'		
T22	0 1 25	28°32'24"	21°31'	10°53'	4°48'	16°13'	29°44'	15° 0'	5°52'	28°47'	22° 2'	23°18'	22° 8'	0° 6'	20°45'		
F23	0 5 21	29°30'56"	3 ^h 28'	12° 8'	6° 2'	16°48'	29°49'	15° 8'	5°56'	28°46'	22° 4'	23° 6'	22° 5'	0°13'	20°42'		
S24	0 9 18	0 ^h 29'31"	15°31'	13°28'	7°17'	17°23'	29°54'	15°15'	5°59'	28°46'	22° 6'	22°57'	22° 2'	0°20'	20°40'		
S25	0 13 15	1°28'08"	27°41'	14°54'	8°31'	17°58'	29°59'	15°23'	6° 3'	28°45'	22° 8'	22°49'	21°58'	0°27'	20°37'		
M26	0 17 11	2°26'47"	10 ^h 2'	16°24'	9°46'	18°33'	0 ^h 3'	15°30'	6° 6'	28°44'	22°11'	22°45'	21°55'	0°33'	20°34'		
T27	0 21 8	3°25'29"	22°38'	17°59'	11° 1'	19° 7'	0° 8'	15°37'	6°10'	28°44'	22°13'	22°42'	21°52'	0°40'	20°31'		
W28	0 25 4	4°24'13"	5 ^h 33'	19°36'	12°15'	19°41'	0°12'	15°45'	6°13'	28°43'	22°15'	22°D42	21°49'	0°47'	20°29'		
T29	0 29 1	5°22'59"	18°50'	21°16'	13°30'	20°15'	0°16'	15°52'	6°17'	28°42'	22°17'	22°R42	21°46'	0°53'	20°26'		
F30	0 32 57	6 ^h 21'47"	2 ^h 33'	22 ^h 59'	14 ^h 45'	20 ^h 49'	0 ^h 20'	15 ^h 59'	6 ^h 20'	28 ^h 41'	22 ^h 19'	22 ^h 42'	21 ^h 43'	1 ^h 0'	20 ^h 23'		

Delta T = 07m42s

OCTOBER 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	0 36 54	7 ^h 20'37"	16 ^h 43'	24 ^h 43'	15 ^h 59'	21 ^h 23'	0 ^h 24'	16 ^h 7'	6 ^h 23'	28°R40	22 ^h 21'	22°R40	21 ^h 39'	1 ^h 7'	20°R20		
S 2	0 40 50	8°19'30"	1 ^h 20'	26°29'	17°14'	21°57'	0°28'	16°14'	6°27'	28 ^h 39'	22°23'	22 ^h 36'	21°36'	1°14'	20 ^h 18'		
M 3	0 44 47	9°18'24"	1 ^h 20'	28°15'	18°29'	22°30'	0°31'	16°21'	6°30'	28°38'	22°25'	22°29'	21°33'	1°20'	20°15'		
T 4	0 48 44	10°17'21"	1 ^h 35'	0 ^h 3'	19°43'	23° 3'	0°34'	16°28'	6°33'	28°37'	22°28'	22°19'	21°30'	1°27'	20°13'		
W 5	0 52 40	11°16'20"	1 ^h 54'	1°51'	20°58'	23°36'	0°37'	16°35'	6°36'	28°36'	22°30'	22° 8'	21°27'	1°34'	20°10'		
T 6	0 56 37	12°15'21"	2 ^h 6'	3°39'	22°13'	24° 9'	0°40'	16°42'	6°40'	28°35'	22°32'	21°57'	21°23'	1°40'	20° 7'		
F 7	1 0 33	13°14'24"	17° 0'	5°27'	23°28'	24°42'	0°43'	16°49'	6°43'	28°34'	22°34'	21°48'	21°20'	1°47'	20° 5'		
S 8	1 4 30	14°13'29"	1 ^h 29'	7°15'	24°42'	25°15'	0°45'	16°57'	6°46'	28°33'	22°36'	21°40'	21°17'	1°54'	20° 2'		
S 9	1 8 26	15°12'36"	15°28'	9° 3'	25°57'	25°47'	0°47'	17° 4'	6°49'	28°32'	22°38'	21°35'	21°14'	2° 1'	20° 0'		
M10	1 12 23	16°11'44"	28°58'	10°50'	27°12'	26°19'	0°49'	17°11'	6°52'	28°31'	22°40'	21°32'	21°11'	2° 7'	19°57'		
T11	1 16 19	17°10'54"	12 ^h 3'	12°37'	28°26'	26°51'	0°51'	17°17'	6°56'	28°30'	22°42'	21°32'	21° 8'	2°14'	19°55'		
W12	1 20 16	18°10'06"	24°38'	14°23'	29°41'	27°23'	0°53'	17°24'	6°59'	28°28'	22°44'	21°32'	21° 4'	2°21'	19°53'		
T13	1 24 13	19° 9'20"	6 ^h 58'	16° 9'	0 ^h 56'	27°54'	0°54'	17°31'	7° 2'	28°27'	22°46'	21°31'	21° 1'	2°27'	19°50'		
F14	1 28 9	20° 8'35"	19° 4'	17°54'	2°11'	28°25'	0°56'	17°38'	7° 5'	28°26'	22°48'	21°29'	20°58'	2°34'	19°48'		
S15	1 32 6	21° 7'52"	1 ^h 1'	19°39'	3°25'	28°56'	0°57'	17°45'	7° 8'	28°25'	22°50'	21°24'	20°55'	2°41'	19°45'		
S16	1 36 2	22° 7'11"	12°53'	21°23'	4°40'	29°27'	0°58'	17°52'	7°10'	28°24'	22°52'	21°17'	20°52'	2°48'	19°43'		
M17	1 39 59	23° 6'32"	24°44'	23° 6'	5°55'	29°58'	0°58'	17°58'	7°13'	28°22'	22°54'	21° 6'	20°49'	2°54'	19°41'		
T18	1 43 55	24° 5'54"	6 ^h 36'	24°48'	7° 9'	0 ^h 28'	0°59'	18° 5'	7°16'	28°21'	22°56'	20°54'	20°45'	3° 1'	19°39'		
W19	1 47 52	25° 5'19"	18°31'	26°30'	8°24'	0°58'	0°59'	18°11'	7°19'	28°20'	22°57'	20°40'	20°42'	3° 8'	19°37'		
T20	1 51 48	26° 4'45"	0 ^h 31'	28°11'	9°39'	1°28'	0°R59	18°18'	7°22'	28°18'	22°59'	20°25'	20°39'	3°14'	19°34'		
F21	1 55 45	27° 4'14"	12°36'	29°51'	10°54'	1°58'	0°59'	18°24'	7°25'	28°17'	23° 1'	20°12'	20°36'	3°21'	19°32'		
S22	1 59 41	28° 3'45"	24°48'	1 ^h 31'	12° 8'	2°28'	0°59'	18°31'	7°27'	28°15'	23° 3'	20° 0'	20°33'	3°28'	19°30'		
S23	2 3 38	29° 3'18"	7 ^h 7'	3°10'	13°23'	2°57'	0°58'	18°37'	7°30'	28°14'	23° 5'	19°51'	20°29'	3°35'	19°28'		
M24	2 7 35	0 ^h 2'	19°36'	4°48'	14°38'	3°26'	0°57'	18°44'	7°33'	28°13'	23° 7'	19°45'	20°26'	3°41'	19°26'		
T25	2 11 31	1° 2'30"	2 ^h 18'	6°26'	15°52'	3°54'	0°57'	18°50'	7°35'	28°11'	23° 9'	19°42'	20°23'	3°48'	19°24'		
W26	2 15 28	2° 2'10"	15°14'	8° 3'	17° 7'	4°23'	0°55'	18°56'	7°38'	28°10'	23°10'	19°D41	20°20'	3°55'	19°23'		
T27	2 19 24	3° 1'52"	28°28'	9°40'	18°22'	4°51'	0°54'	19° 2'	7°40'	28° 8'	23°12'	19°R41	20°17'	4° 1'	19°21'		
F28	2 23 21	4° 1'36"	12 ^h 3'	11°16'	19°37'	5°19'	0°53'	19° 9'	7°43'	28° 7'	23°14'	19°41'	20°14'	4° 8'	19°19'		
S29	2 27 17	5° 1'23"	26° 1'	12°51'	20°51'	5°47'	0°51'	19°15'	7°45'	28° 5'	23°16'	19°39'	20°10'	4°15'	19°17'		
S30	2 31 14	6° 1'11"	10 ^h 23'	14°26'	22° 6'	6°14'	0°49'	19°21'	7°48'	28° 4'	23°17'	19°35'	20° 7'	4°22'	19°15'		
M31	2 35 10	7 ^h 1'02"	25 ^h 6'	16 ^h 0'	23 ^h 21'	6 ^h 41'	0 ^h 47'	19 ^h 27'	7 ^h 50'	28 ^h 2'	23 ^h 19'	19 ^h 29'	20 ^h 4'	4 ^h 28'	19 ^h 14'		

Delta T = 07m43s

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SWISS EPHEMERIS for the year 2214

NOVEMBER 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	2 39 7	8♏ 0'55	10♌ 5	17♏34	24♏36	7♏ 8	0°R44	19♏32	7♏52	28°R 1	23♏21	19°R20	20♏ 1	4♏35	19°R12		
W 2	2 43 4	9° 0'50	25°11	19° 8	25°50	7°34	0♁42	19°38	7°55	27♁59	23°22	19♁10	19°58	4°42	19°R11		
T 3	2 47 0	10° 0'47	10♏15	20°24	27° 5	8° 1	0°39	19°44	7°57	27°57	23°24	18°59	19°54	4°48	19° 9		
F 4	2 50 57	11° 0'46	25° 7	22°13	28°20	8°26	0°36	19°50	7°59	27°56	23°26	18°49	19°51	4°55	19° 8		
S 5	2 54 53	12° 0'47	9♁37	23°45	29°35	8°52	0°33	19°55	8° 1	27°54	23°27	18°41	19°48	5° 2	19° 6		
S 6	2 58 50	13° 0'50	23°41	25°16	0♁49	9°17	0°30	20° 1	8° 3	27°53	23°29	18°36	19°45	5° 9	19° 5		
M 7	3 2 46	14° 0'54	7♁17	26°47	2° 4	9°42	0°26	20° 6	8° 5	27°51	23°30	18°34	19°42	5°15	19° 3		
T 8	3 6 43	15° 1'00	20°24	28°18	3°19	10° 7	0°23	20°12	8° 7	27°49	23°32	18°D33	19°39	5°22	19° 2		
W 9	3 10 40	16° 1'08	3♁ 7	29°48	4°33	10°31	0°19	20°17	8° 9	27°48	23°33	18°34	19°35	5°29	19° 1		
T 10	3 14 36	17° 1'17	15°29	1♁18	5°48	10°55	0°15	20°22	8°11	27°46	23°35	18°R34	19°32	5°36	19° 0		
F 11	3 18 33	18° 1'27	27°37	2°47	7° 3	11°18	0°10	20°28	8°13	27°44	23°36	18°34	19°29	5°42	18°59		
S 12	3 22 29	19° 1'39	9♁34	4°16	8°18	11°41	0° 6	20°33	8°15	27°43	23°38	18°31	19°26	5°49	18°58		
S 13	3 26 26	20° 1'53	21°25	5°44	9°32	12° 4	0° 1	20°38	8°17	27°41	23°39	18°27	19°23	5°56	18°57		
M14	3 30 22	21° 2'07	3♁16	7°12	10°47	12°26	29♏57	20°43	8°18	27°39	23°40	18°19	19°20	6° 2	18°56		
T 15	3 34 19	22° 2'24	15°10	8°39	12° 2	12°48	29°52	20°48	8°20	27°38	23°42	18°10	19°16	6° 9	18°55		
W16	3 38 15	23° 2'42	27°10	10° 6	13°16	13°10	29°47	20°53	8°22	27°36	23°43	18° 0	19°13	6°16	18°54		
T 17	3 42 12	24° 3'02	9♁17	11°32	14°31	13°31	29°41	20°57	8°23	27°34	23°44	17°49	19°10	6°23	18°53		
F 18	3 46 8	25° 3'23	21°32	12°57	15°46	13°52	29°36	21° 2	8°25	27°33	23°46	17°39	19° 7	6°29	18°52		
S 19	3 50 5	26° 3'46	3♏58	14°22	17° 1	14°12	29°30	21° 6	8°26	27°31	23°47	17°30	19° 4	6°36	18°52		
S 20	3 54 2	27° 4'11	16°33	15°46	18°15	14°32	29°25	21°11	8°27	27°29	23°48	17°24	19° 0	6°43	18°51		
M21	3 57 58	28° 4'37	29°19	17° 9	19°30	14°51	29°19	21°15	8°29	27°27	23°49	17°20	18°57	6°49	18°51		
T 22	4 1 55	29° 5'05	12♁17	18°31	20°45	15°10	29°13	21°20	8°30	27°26	23°50	17°D18	18°54	6°56	18°50		
W23	4 5 51	0♁ 5'35	25°26	19°52	21°59	15°29	29° 6	21°24	8°31	27°24	23°51	17°18	18°51	7° 3	18°50		
T 24	4 9 48	1° 6'07	8♏48	21°12	23°14	15°47	29° 0	21°28	8°33	27°22	23°52	17°19	18°48	7°10	18°49		
F 25	4 13 44	2° 6'40	22°26	22°31	24°29	16° 4	28°54	21°32	8°34	27°21	23°54	17°20	18°45	7°16	18°49		
S 26	4 17 41	3° 7'15	6♏19	23°48	25°43	16°22	28°47	21°36	8°35	27°19	23°55	17°R21	18°41	7°23	18°49		
S 27	4 21 38	4° 7'52	20°27	25° 4	26°58	16°38	28°40	21°40	8°36	27°17	23°56	17°19	18°38	7°30	18°49		
M28	4 25 34	5° 8'30	4♁51	26°17	28°12	16°54	28°33	21°44	8°37	27°16	23°57	17°16	18°35	7°36	18°48		
T 29	4 29 31	6° 9'10	19°25	27°28	29°27	17°10	28°26	21°48	8°38	27°14	23°57	17°11	18°32	7°43	18°48		
W30	4 33 27	7♁ 9'52	4♏ 6	28♁37	0♁42	17♏25	28♏19	21♏51	8♏39	27♏12	23♏58	17♏ 5	18♏29	7♏50	18°D48		

Delta T = 07m43s

DECEMBER 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	4 37 24	8♁10'36	18♏46	29♁43	1♁56	17♏39	28°R12	21♏55	8♏39	27°R11	23♏59	16°R59	18♏26	7♏57	18°R48		
F 2	4 41 20	9°11'21	3♁18	0♁46	3°11	17°53	28♏ 5	21°58	8°40	27♁ 9	24° 0	16♁53	18°22	8° 3	18°48		
S 3	4 45 17	10°12'07	17°35	1°44	4°26	18° 6	27°57	22° 2	8°41	27° 7	24° 1	16°49	18°19	8°10	18°48		
S 4	4 49 13	11°12'55	1♁31	2°39	5°40	18°19	27°50	22° 5	8°41	27° 6	24° 2	16°46	18°16	8°17	18°49		
M 5	4 53 10	12°13'43	15° 5	3°29	6°55	18°31	27°42	22° 8	8°42	27° 4	24° 2	16°D45	18°13	8°24	18°49		
T 6	4 57 7	13°14'33	28°14	4°13	8°10	18°43	27°35	22°11	8°43	27° 3	24° 3	16°45	18°10	8°30	18°49		
W 7	5 1 3	14°15'23	11♁ 0	4°50	9°24	18°54	27°27	22°14	8°43	27° 1	24° 4	16°47	18° 6	8°37	18°50		
T 8	5 5 0	15°16'15	23°27	5°21	10°39	19° 4	27°19	22°17	8°43	26°59	24° 5	16°48	18° 3	8°44	18°50		
F 9	5 8 56	16°17'07	5♁37	5°44	11°53	19°13	27°11	22°19	8°44	26°58	24° 5	16°50	18° 0	8°50	18°50		
S 10	5 12 53	17°18'00	17°37	5°58	13° 8	19°22	27° 3	22°22	8°44	26°56	24° 6	16°R50	17°57	8°57	18°51		
S 11	5 16 49	18°18'54	29°30	6°R 2	14°22	19°31	26°55	22°25	8°44	26°55	24° 6	16°50	17°54	9° 4	18°52		
M12	5 20 46	19°19'48	11♁27	5°57	15°37	19°38	26°47	22°27	8°44	26°53	24° 7	16°48	17°51	9°11	18°52		
T 13	5 24 42	20°20'44	23°17	5°40	16°51	19°45	26°39	22°29	8°45	26°52	24° 7	16°45	17°47	9°17	18°53		
W14	5 28 39	21°21'40	5♁20	5°12	18° 6	19°52	26°31	22°32	8°45	26°50	24° 8	16°41	17°44	9°24	18°54		
T 15	5 32 36	22°22'36	17°32	4°32	19°20	19°57	26°23	22°34	8°R45	26°49	24° 8	16°36	17°41	9°31	18°55		
F 16	5 36 32	23°23'34	29°58	3°41	20°35	20° 2	26°15	22°36	8°45	26°47	24° 9	16°32	17°38	9°37	18°55		
S 17	5 40 29	24°24'32	12♏37	2°41	21°49	20° 6	26° 7	22°38	8°45	26°46	24° 9	16°29	17°35	9°44	18°56		
S 18	5 44 25	25°25'31	25°31	1°31	23° 4	20°10	25°58	22°39	8°44	26°44	24° 9	16°26	17°32	9°51	18°57		
M19	5 48 22	26°26'31	8♁39	0°14	24°18	20°12	25°50	22°41	8°44	26°43	24°10	16°25	17°28	9°58	18°59		
T 20	5 52 18	27°27'32	22° 0	28♁53	25°33	20°14	25°42	22°43	8°44	26°41	24°10	16°D25	17°25	10° 4	19° 0		
W21	5 56 15	28°28'33	5♏34	27°30	26°47	20°15	25°34	22°44	8°44	26°40	24°10	16°26	17°22	10°11	19° 1		
T 22	6 0 11	29°29'35	19°18	26° 8	28° 1	20°R16	25°26	22°46	8°43	26°39	24°10	16°27	17°19	10°18	19° 2		
F 23	6 4 8	0♁30'38	3♏11	24°50	29°16	20°15	25°18	22°47	8°43	26°37	24°10	16°28	17°16	10°25	19° 3		
S 24	6 8 5	1°31'42	17°13	23°37	0♁30	20°14	25°10	22°48	8°42	26°36	24°11	16°29	17°12	10°31	19° 5		
S 25	6 12 1	2°32'47	1♁20	22°33	1°44	20°12	25° 2	22°49	8°42	26°35	24°11	16°R30	17° 9	10°38	19° 6		
M26	6 15 58	3°33'52	15°32	21°39	2°58	20° 9	24°54	22°50	8°41	26°33	24°11	16°30	17° 6	10°45	19° 7		
T 27	6 19 54	4°34'59	29°47	20°54	4°13	20° 5	24°46	22°51	8°40	26°32	24°R11	16°29	17° 3	10°51	19° 9		
W28	6 23 51	5°36'06	14♏ 1	20°21	5°27	20° 1	24°38	22°51	8°40	26°31	24°11	16°28	17° 0	10°58	19°10		
T 29	6 27 47	6°37'14	28°10	19°58	6°41	19°55	24°30	22°52	8°39	26°30	24°11	16°26	16°57	11° 5	19°12		
F 30	6 31 44	7°38'22	12♁13	19°46	7°55	19°49	24°22	22°53	8°38	26°28	24°11	16°25	16°53	11°12	19°14		
S 31	6 35 41	8♁39'31	26♁ 3	19°D44	9♁10	19♏42	24♏14	22♏53	8♏37	26♏27	24♏10	16♏24	16♏50	11♏18	19°R15		

Delta T = 07m43s

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