

SWISS EPHEMERIS for the year 2042

JANUARY 2042

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	6 43 8	10°34'15	4°28	29°56	10°34	27°R34	24°M12	4°M58	11°R55	5°R21	26°551	3°R52	2°R42	22°M27	2°R50
T 2	6 47 4	11°42'23	18°10	1°55	11°49	27°R30	24°23	5° 2	11°R52	5°R21	26°52	3°R51	2°R39	22°34	2°R46
F 3	6 51 1	12°43'32	1°43	2° 9	13° 5	27°26	24°34	5° 6	11°50	5°21	26°53	3°48	2°36	22°40	2°42
S 4	6 54 57	13°44'40	15° 7	3° 7	14°20	27°21	24°45	5°10	11°48	5°20	26°55	3°42	2°33	22°47	2°38
S 5	6 58 54	14°45'48	28°21	3°59	15°36	27°16	24°56	5°14	11°46	5°20	26°56	3°33	2°30	22°54	2°34
M 6	7 2 50	15°46'56	11°23	4°44	16°51	27° 9	25° 6	5°18	11°44	5°19	26°57	3°22	2°26	23° 0	2°30
T 7	7 6 47	16°48'03	24°12	5°21	18° 7	27° 2	25°17	5°22	11°41	5°19	26°59	3° 9	2°23	23° 7	2°26
W 8	7 10 44	17°49'11	6°48	5°48	19°22	26°53	25°27	5°26	11°39	5°19	27° 0	2°55	2°20	23°14	2°22
T 9	7 14 40	18°50'19	19° 9	6° 6	20°38	26°44	25°37	5°30	11°37	5°19	27° 2	2°42	2°17	23°20	2°18
F 10	7 18 37	19°51'26	1°18	6°R13	21°53	26°34	25°47	5°33	11°34	5°18	27° 3	2°31	2°14	23°27	2°13
S 11	7 22 33	20°52'33	13°16	6° 8	23° 9	26°24	25°57	5°37	11°32	5°18	27° 4	2°23	2°11	23°34	2° 9
S 12	7 26 30	21°53'41	25° 7	5°52	24°24	26°12	26° 7	5°40	11°29	5°18	27° 6	2°17	2° 7	23°40	2° 5
M13	7 30 26	22°54'48	6°46	5°24	25°40	26° 0	26°17	5°43	11°27	5°18	27° 7	2°15	2° 4	23°47	2° 1
T 14	7 34 23	23°55'55	18°46	4°44	26°55	25°47	26°27	5°46	11°25	5°18	27° 9	2°14	2° 1	23°54	1°56
W15	7 38 19	24°57'02	0°M43	3°54	28°10	25°33	26°37	5°49	11°22	5°D18	27°10	2°13	1°58	24° 0	1°52
T 16	7 42 16	25°58'09	12°53	2°54	29°26	25°19	26°46	5°53	11°20	5°18	27°12	2°13	1°55	24° 7	1°48
F 17	7 46 13	26°59'15	25°22	1°47	0°41	25° 3	26°56	5°55	11°17	5°18	27°13	2°12	1°51	24°14	1°43
S 18	7 50 9	28° 0'22	8°12	0°33	1°57	24°47	27° 5	5°58	11°15	5°18	27°15	2° 8	1°48	24°20	1°39
S 19	7 54 6	29° 1'28	21°31	29°16	3°12	24°31	27°15	6° 1	11°12	5°18	27°16	2° 1	1°45	24°27	1°35
M20	7 58 2	0°23	5°16	27°58	4°28	24°13	27°24	6° 4	11°10	5°18	27°18	1°51	1°42	24°34	1°30
T 21	8 1 59	1° 3'40	19°26	26°41	5°43	23°55	27°33	6° 6	11° 7	5°19	27°20	1°40	1°39	24°40	1°26
W22	8 5 55	2° 4'44	3°57	25°28	6°58	23°36	27°42	6° 9	11° 4	5°19	27°21	1°27	1°36	24°47	1°21
T 23	8 9 52	3° 5'48	18°42	24°20	8°14	23°17	27°50	6°11	11° 2	5°19	27°23	1°15	1°32	24°54	1°17
F 24	8 13 49	4° 6'52	3°32	23°18	9°29	22°57	27°59	6°13	10°59	5°19	27°24	1° 5	1°29	25° 0	1°13
S 25	8 17 45	5° 7'54	18°18	22°25	10°45	22°36	28° 8	6°15	10°57	5°20	27°26	0°57	1°26	25° 7	1° 8
S 26	8 21 42	6° 8'55	2°54	21°41	12° 0	22°15	28°16	6°17	10°54	5°20	27°28	0°52	1°23	25°14	1° 4
M27	8 25 38	7° 9'55	17°16	21° 5	13°15	21°54	28°24	6°19	10°51	5°20	27°29	0°50	1°20	25°21	0°59
T 28	8 29 35	8°10'54	1°20	20°38	14°31	21°32	28°33	6°21	10°49	5°21	27°31	0°50	1°17	25°27	0°55
W29	8 33 31	9°11'52	15° 7	20°21	15°46	21° 9	28°41	6°23	10°46	5°21	27°32	0°50	1°13	25°34	0°51
T 30	8 37 28	10°12'49	28°38	20°11	17° 1	20°47	28°48	6°24	10°43	5°22	27°34	0°49	1°10	25°41	0°46
F 31	8 41 24	11°13'44	11°55	20°D10	18°17	20°24	28°M56	6°M26	10°L41	5°R22	27°36	0°46	1° 7	25°M47	0°L42

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FEBRUARY 2042

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	8 45 21	12°14'38	24°II59	20°17	19°32	20°R 0	29°M 4	6°M27	10°R38	5°R23	27°37	0°R39	1°R 4	25°M54	0°R38
S 2	8 49 18	13°15'31	7°51	20°30	20°47	19°R37	29°11	6°28	10°R36	5°23	27°39	0°R30	1° 1	26° 1	0°R34
T 3	8 53 14	14°16'23	20°52	20°50	22° 2	19°13	29°19	6°30	10°33	5°24	27°41	0°19	0°57	26° 7	0°29
M 4	8 57 11	15°17'14	3°R 3	21°16	23°18	18°49	29°26	6°31	10°30	5°25	27°43	0° 6	0°54	26°14	0°25
W 5	9 1 7	16°18'03	15°23	21°48	24°33	18°25	29°33	6°32	10°28	5°26	27°44	29°V52	0°51	26°21	0°21
T 6	9 5 4	17°18'51	27°34	22°24	25°48	18° 2	29°40	6°33	10°25	5°26	27°46	29°39	0°48	26°27	0°17
F 7	9 9 0	18°19'38	9°M36	23° 5	27° 3	17°38	29°47	6°33	10°23	5°27	27°48	29°27	0°45	26°34	0°13
S 8	9 12 57	19°20'24	21°30	23°51	28°18	17°14	29°54	6°34	10°20	5°28	27°49	29°18	0°42	26°41	0° 9
S 9	9 16 53	20°21'08	3°19	24°40	29°34	16°50	0°1 0	6°35	10°17	5°29	27°51	29°12	0°38	26°47	0° 5
M10	9 20 50	21°21'52	15° 6	25°33	0°49	16°26	0° 6	6°35	10°15	5°30	27°53	29° 9	0°35	26°54	0° 1
T 11	9 24 46	22°22'35	26°55	26°28	2° 4	16° 2	0°13	6°36	10°12	5°30	27°54	29°D 8	0°32	27° 1	29°57
W12	9 28 43	23°23'16	8°M51	27°27	3°19	15°39	0°19	6°36	10°10	5°31	27°56	29° 8	0°29	27° 7	29°53
T 13	9 32 40	24°23'56	20°59	28°29	4°34	15°16	0°25	6°36	10° 7	5°32	27°58	29°R 9	0°26	27°14	29°49
F 14	9 36 36	25°24'36	3°M24	29°33	5°49	14°53	0°30	6°R36	10° 5	5°33	28° 0	29° 8	0°23	27°21	29°45
S 15	9 40 33	26°25'14	16°12	0°39	7° 4	14°31	0°36	6°36	10° 2	5°34	28° 1	29° 6	0°19	27°27	29°41
S 16	9 44 29	27°25'51	29°26	1°48	8°19	14° 9	0°41	6°36	10° 0	5°35	28° 3	29° 2	0°16	27°34	29°38
M17	9 48 26	28°26'27	13°R 9	2°59	9°34	13°47	0°47	6°35	9°57	5°36	28° 5	28°56	0°13	27°41	29°34
T 18	9 52 22	29°27'02	27°22	4°11	10°49	13°26	0°52	6°35	9°55	5°38	28° 7	28°47	0°10	27°47	29°31
W19	9 56 19	0°H27'35	12°1	5°25	12° 4	13° 5	0°57	6°35	9°52	5°39	28° 8	28°38	0° 7	27°54	29°27
T 20	10 0 16	1°28'07	26°59	6°41	13°19	12°45	1° 2	6°34	9°50	5°40	28°10	28°28	0° 3	28° 1	29°24
F 21	10 4 12	2°28'37	12°H 7	7°58	14°34	12°26	1° 6	6°33	9°48	5°41	28°12	28°20	0° 0	28° 7	29°20
S 22	10 8 9	3°29'06	27°16	9°17	15°49	12° 7	1°11	6°33	9°45	5°42	28°13	28°14	29°V57	28°14	29°17
S 23	10 12 5	4°29'33	12°V14	10°38	17° 4	11°48	1°15	6°32	9°43	5°44	28°15	28°11	29°54	28°21	29°14
M24	10 16 2	5°29'58	26°56	11°59	18°19	11°31	1°19	6°31	9°41	5°45	28°17	28°D10	29°51	28°27	29°11
T 25	10 19 58	6°30'21	11°R16	13°22	19°34	11°14	1°23	6°30	9°38	5°46	28°19	28°10	29°48	28°34	29° 7
W26	10 23 55	7°30'42	25°13	14°46	20°49	10°57	1°27	6°28	9°36	5°48	28°20	28°12	29°44	28°41	29° 4
T 27	10 27 51	8°31'01	8°II47	16°12	22° 4	10°42	1°30	6°27	9°34	5°49	28°22	28°R12	29°41	28°47	29° 1
F 28	10 31 48	9°31'18	22°II 0	17°39	23°H19	10°L27	1°34	6°M26	9°L32	5°R50	28°24	28°V11	29°V38	28°M54	28°59

Delta T = 107.70 sec.

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SWISS EPHEMERIS for the year 2042

MARCH 2042

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	10 35 45	10 ^h 31'34"	4 ^h 55'	19 ^h 36'	24 ^h 33'	10 ^h R13	1 ^h 37'	6 ^h R24	9 ^h R30	5 ^h 52'	28 ^h 25'	28 ^h R 8	29 ^h Y35	29 ^h Y 1	28 ^h R56
S 2	10 39 41	11 ^h 31'47"	17 ^h 34'	20 ^h 35'	25 ^h 48'	9 ^h 59'	1 ^h 40'	6 ^h M23	9 ^h 52'	5 ^h 53'	28 ^h 27'	28 ^h Y 3	29 ^h 32'	29 ^h 7	28 ^h 53'
M 3	10 43 38	12 ^h 31'58"	0 ^h 0'	22 ^h 6'	27 ^h 3'	9 ^h 47'	1 ^h 43'	6 ^h 21'	9 ^h 25'	5 ^h 55'	28 ^h 29'	27 ^h 56'	29 ^h 29'	29 ^h 14'	28 ^h 50'
T 4	10 47 34	13 ^h 32'07"	12 ^h 16'	23 ^h 37'	28 ^h 17'	9 ^h 35'	1 ^h 46'	6 ^h 19'	9 ^h 23'	5 ^h 56'	28 ^h 30'	27 ^h 48'	29 ^h 25'	29 ^h 21'	28 ^h 48'
W 5	10 51 31	14 ^h 32'14"	24 ^h 23'	25 ^h 9'	29 ^h 32'	9 ^h 24'	1 ^h 48'	6 ^h 17'	9 ^h 21'	5 ^h 58'	28 ^h 32'	27 ^h 40'	29 ^h 22'	29 ^h 27'	28 ^h 45'
T 6	10 55 27	15 ^h 32'20"	6 ^h 23'	26 ^h 43'	0 ^h Y47'	9 ^h 14'	1 ^h 50'	6 ^h 15'	9 ^h 19'	5 ^h 59'	28 ^h 34'	27 ^h 32'	29 ^h 19'	29 ^h 34'	28 ^h 43'
F 7	10 59 24	16 ^h 32'23"	18 ^h 17'	28 ^h 17'	2 ^h 1'	9 ^h 4'	1 ^h 53'	6 ^h 13'	9 ^h 17'	6 ^h 1'	28 ^h 35'	27 ^h 25'	29 ^h 16'	29 ^h 41'	28 ^h 41'
S 8	11 3 20	17 ^h 32'24"	0 ^h 24'	29 ^h 53'	3 ^h 16'	8 ^h 55'	1 ^h 55'	6 ^h 11'	9 ^h 16'	6 ^h 3'	28 ^h 37'	27 ^h 19'	29 ^h 13'	29 ^h 47'	28 ^h 39'
S 9	11 7 17	18 ^h 32'24"	11 ^h 55'	1 ^h 30'	4 ^h 30'	8 ^h 47'	1 ^h 56'	6 ^h 9'	9 ^h 14'	6 ^h 4'	28 ^h 39'	27 ^h 16'	29 ^h 9'	29 ^h 54'	28 ^h 36'
M10	11 11 13	19 ^h 32'22"	23 ^h 44'	3 ^h 8'	5 ^h 45'	8 ^h 40'	1 ^h 58'	6 ^h 6'	9 ^h 12'	6 ^h 6'	28 ^h 40'	27 ^h D15	29 ^h 6'	0 ^h 24'	28 ^h 34'
T 11	11 15 10	20 ^h 32'18"	5 ^h M35	4 ^h 47'	7 ^h 0'	8 ^h 34'	1 ^h 59'	6 ^h 4'	9 ^h 10'	6 ^h 8'	28 ^h 42'	27 ^h 15'	29 ^h 3'	0 ^h 7'	28 ^h 32'
W12	11 19 7	21 ^h 32'12"	17 ^h 34'	6 ^h 27'	8 ^h 14'	8 ^h 28'	2 ^h 1'	6 ^h 1'	9 ^h 8'	6 ^h 9'	28 ^h 44'	27 ^h 16'	29 ^h 0'	0 ^h 14'	28 ^h 31'
T 13	11 23 3	22 ^h 32'05"	29 ^h 43'	8 ^h 8'	9 ^h 28'	8 ^h 24'	2 ^h 2'	5 ^h 59'	9 ^h 7'	6 ^h 11'	28 ^h 45'	27 ^h 18'	28 ^h 57'	0 ^h 21'	28 ^h 29'
F 14	11 27 0	23 ^h 31'57"	12 ^h 27'	9 ^h 51'	10 ^h 43'	8 ^h 20'	2 ^h 3'	5 ^h 56'	9 ^h 5'	6 ^h 13'	28 ^h 47'	27 ^h 20'	28 ^h 54'	0 ^h 27'	28 ^h 27'
S 15	11 30 56	24 ^h 31'46"	24 ^h 51'	11 ^h 34'	11 ^h 57'	8 ^h 16'	2 ^h 3'	5 ^h 53'	9 ^h 3'	6 ^h 15'	28 ^h 48'	27 ^h R20	28 ^h 50'	0 ^h 34'	28 ^h 25'
S 16	11 34 53	25 ^h 31'34"	7 ^h 35'	13 ^h 19'	13 ^h 12'	8 ^h 14'	2 ^h 4'	5 ^h 51'	9 ^h 2'	6 ^h 16'	28 ^h 50'	27 ^h 20'	28 ^h 47'	0 ^h 41'	28 ^h 24'
M17	11 38 49	26 ^h 31'20"	21 ^h 35'	15 ^h 5'	14 ^h 26'	8 ^h 12'	2 ^h 4'	5 ^h 48'	9 ^h 0'	6 ^h 18'	28 ^h 52'	27 ^h 17'	28 ^h 44'	0 ^h 47'	28 ^h 23'
T 18	11 42 46	27 ^h 31'05"	5 ^h 38'	16 ^h 53'	15 ^h 40'	8 ^h 11'	2 ^h R 4'	5 ^h 45'	8 ^h 59'	6 ^h 20'	28 ^h 53'	27 ^h 14'	28 ^h 41'	0 ^h 54'	28 ^h 21'
W19	11 46 42	28 ^h 30'47"	20 ^h 9'	18 ^h 41'	16 ^h 55'	8 ^h D11	2 ^h 4'	5 ^h 41'	8 ^h 57'	6 ^h 22'	28 ^h 55'	27 ^h 10'	28 ^h 38'	1 ^h 1'	28 ^h 20'
T 20	11 50 39	29 ^h 30'28"	5 ^h Y 2	20 ^h 31'	18 ^h 9'	8 ^h 11'	2 ^h 4'	5 ^h 38'	8 ^h 56'	6 ^h 24'	28 ^h 56'	27 ^h 6'	28 ^h 35'	1 ^h 7'	28 ^h 19'
F 21	11 54 36	0 ^h Y30'07"	20 ^h 11'	22 ^h 22'	19 ^h 23'	8 ^h 13'	2 ^h 3'	5 ^h 35'	8 ^h 54'	6 ^h 26'	28 ^h 58'	27 ^h 2'	28 ^h 31'	1 ^h 14'	28 ^h 18'
S 22	11 58 32	1 ^h 29'44"	5 ^h Y26	24 ^h 14'	20 ^h 37'	8 ^h 15'	2 ^h 3'	5 ^h 32'	8 ^h 53'	6 ^h 28'	28 ^h 59'	27 ^h 0'	28 ^h 28'	1 ^h 20'	28 ^h 17'
S 23	12 2 29	2 ^h 29'19"	20 ^h 37'	26 ^h 8'	21 ^h 51'	8 ^h 17'	2 ^h 2'	5 ^h 28'	8 ^h 52'	6 ^h 30'	29 ^h 1'	26 ^h D59	28 ^h 25'	1 ^h 27'	28 ^h 16'
M24	12 6 25	3 ^h 28'52"	5 ^h 34'	28 ^h 2'	23 ^h 5'	8 ^h 21'	2 ^h 1'	5 ^h 25'	8 ^h 51'	6 ^h 32'	29 ^h 2'	26 ^h 59'	28 ^h 22'	1 ^h 34'	28 ^h 16'
T 25	12 10 22	4 ^h 28'23"	20 ^h 10'	29 ^h 58'	24 ^h 19'	8 ^h 25'	2 ^h 0'	5 ^h 21'	8 ^h 50'	6 ^h 33'	29 ^h 4'	27 ^h 0'	28 ^h 19'	1 ^h 40'	28 ^h 15'
W26	12 14 18	5 ^h 27'52"	4 ^h Y22	1 ^h Y55	25 ^h 34'	8 ^h 29'	1 ^h 58'	5 ^h 18'	8 ^h 48'	6 ^h 35'	29 ^h 5'	27 ^h 1'	28 ^h 15'	1 ^h 47'	28 ^h 14'
T 27	12 18 15	6 ^h 27'18"	18 ^h 7'	3 ^h 54'	26 ^h 48'	8 ^h 35'	1 ^h 57'	5 ^h 14'	8 ^h 47'	6 ^h 37'	29 ^h 7'	27 ^h 3'	28 ^h 12'	1 ^h 54'	28 ^h 14'
F 28	12 22 11	7 ^h 26'42"	1 ^h 26'	5 ^h 53'	28 ^h 2'	8 ^h 41'	1 ^h 55'	5 ^h 10'	8 ^h 46'	6 ^h 39'	29 ^h 8'	27 ^h R 3	28 ^h 9'	2 ^h 0'	28 ^h 14'
S 29	12 26 8	8 ^h 26'04"	14 ^h 22'	7 ^h 53'	29 ^h 15'	8 ^h 47'	1 ^h 53'	5 ^h 7'	8 ^h 45'	6 ^h 42'	29 ^h 9'	27 ^h 3'	28 ^h 6'	2 ^h 7'	28 ^h 13'
S 30	12 30 5	9 ^h 25'23"	26 ^h 58'	9 ^h 55'	0 ^h Y29	8 ^h 55'	1 ^h 51'	5 ^h 3'	8 ^h 45'	6 ^h 44'	29 ^h 11'	27 ^h 2'	28 ^h 3'	2 ^h 14'	28 ^h 13'
M31	12 34 1	10 ^h Y24'40"	9 ^h 218	11 ^h Y57	1 ^h 43	9 ^h 21	1 ^h 49	4 ^h M59	8 ^h 244	6 ^h 46	29 ^h 12	27 ^h Y 1	28 ^h Y 0	2 ^h 20	28 ^h D13

Delta T = 107.83 sec.

APRIL 2042

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	12 37 58	11°23'55"	21°26'	14°0'	2°57'	9°11'	1°R46	4°R55	8°R43	6°48'	29°14'	26°R59	27°V56	2°27'	28°213'
W 2	12 41 54	12°23'07"	3°24'	16°3'	4°11'	9°20'	1°43'	4°M51	8°242'	6°50'	29°15'	26°V56	27°53'	2°34'	28°14'
T 3	12 45 51	13°22'17"	15°17'	18°7'	5°24'	9°30'	1°41'	4°47'	8°41'	6°52'	29°16'	26°54'	27°50'	2°40'	28°14'
F 4	12 49 47	14°21'25"	27°6'	20°11'	6°38'	9°40'	1°38'	4°43'	8°41'	6°54'	29°17'	26°52'	27°47'	2°47'	28°14'
S 5	12 53 44	15°20'31"	8°54'	22°14'	7°52'	9°51'	1°34'	4°39'	8°40'	6°56'	29°19'	26°51'	27°44'	2°54'	28°15'
S 6	12 57 40	16°19'35"	20°44'	24°18'	9°5'	10°3'	1°31'	4°34'	8°40'	6°58'	29°20'	26°51'	27°40'	3°0'	28°15'
M 7	13 1 37	17°18'36"	2°M37	26°20'	10°19'	10°15'	1°27'	4°30'	8°39'	7°0'	29°21'	26°D51	27°37'	3°7'	28°16'
T 8	13 5 34	18°17'36"	14°36'	28°22'	11°33'	10°27'	1°24'	4°26'	8°39'	7°3'	29°23'	26°51'	27°34'	3°14'	28°17'
W 9	13 9 30	19°16'34"	26°43'	0°22'	12°46'	10°40'	1°20'	4°22'	8°38'	7°5'	29°24'	26°52'	27°31'	3°20'	28°18'
T 10	13 13 27	20°15'31"	9°21'	2°21'	13°59'	10°53'	1°16'	4°17'	8°38'	7°7'	29°25'	26°52'	27°28'	3°27'	28°19'
F 11	13 17 23	21°14'25"	21°32'	4°17'	15°13'	11°7'	1°12'	4°13'	8°38'	7°9'	29°26'	26°53'	27°25'	3°34'	28°20'
S 12	13 21 20	22°13'18"	4°320'	6°11'	16°26'	11°22'	1°7'	4°8'	8°37'	7°11'	29°27'	26°54'	27°21'	3°40'	28°21'
S 13	13 25 16	23°12'09"	17°27'	8°2'	17°40'	11°37'	1°3'	4°4'	8°37'	7°13'	29°28'	26°R54	27°18'	3°47'	28°22'
M14	13 29 13	24°10'58"	0°256'	9°50'	18°53'	11°52'	0°58'	4°0'	8°37'	7°16'	29°30'	26°54'	27°15'	3°54'	28°23'
T 15	13 33 9	25°9'46"	14°48'	11°35'	20°6'	12°8'	0°53'	3°55'	8°37'	7°18'	29°31'	26°54'	27°12'	4°0'	28°25'
W16	13 37 6	26°8'32"	29°3'	13°15'	21°19'	12°24'	0°48'	3°51'	8°D37'	7°20'	29°32'	26°54'	27°9'	4°7'	28°26'
T 17	13 41 3	27°7'16"	13°Y40'	14°52'	22°33'	12°41'	0°43'	3°46'	8°37'	7°22'	29°33'	26°D53'	27°6'	4°14'	28°28'
F 18	13 44 59	28°5'58"	28°34'	16°25'	23°46'	12°58'	0°38'	3°41'	8°37'	7°25'	29°34'	26°54'	27°2'	4°20'	28°30'
S 19	13 48 56	29°4'39"	13°V37'	17°53'	24°59'	13°15'	0°32'	3°37'	8°37'	7°27'	29°35'	26°54'	26°59'	4°27'	28°32'
S 20	13 52 52	0°3'17"	28°42'	19°17'	26°12'	13°33'	0°27'	3°32'	8°37'	7°29'	29°36'	26°R54	26°56'	4°34'	28°34'
M21	13 56 49	1°1'54"	13°Y40'	20°36'	27°25'	13°52'	0°21'	3°28'	8°38'	7°31'	29°37'	26°54'	26°53'	4°40'	28°36'
T 22	14 0 45	2°0'29"	28°22'	21°49'	28°38'	14°10'	0°15'	3°23'	8°38'	7°34'	29°38'	26°53'	26°50'	4°47'	28°38'
W23	14 4 42	2°59'02"	12°II42'	22°58'	29°51'	14°30'	0°9'	3°19'	8°38'	7°36'	29°39'	26°53'	26°46'	4°54'	28°40'
T 24	14 8 38	3°57'33"	26°37'	24°2'	1°II4'	14°49'	0°3'	3°14'	8°39'	7°38'	29°40'	26°52'	26°43'	5°0'	28°42'
F 25	14 12 35	4°56'02"	10°25'	25°1'	2°16'	15°9'	29°M57'	3°10'	8°39'	7°40'	29°41'	26°51'	26°40'	5°7'	28°45'
S 26	14 16 32	5°54'29"	23°7'	25°54'	3°29'	15°29'	29°51'	3°5'	8°40'	7°43'	29°41'	26°50'	26°37'	5°14'	28°47'
S 27	14 20 28	6°52'53"	5°M46'	26°41'	4°42'	15°50'	29°44'	3°0'	8°40'	7°45'	29°42'	26°D50	26°34'	5°20'	28°50'
M28	14 24 25	7°51'15"	18°7'	27°24'	5°54'	16°11'	29°38'	2°56'	8°41'	7°47'	29°43'	26°50'	26°31'	5°27'	28°53'
T 29	14 28 21	8°49'36"	10°12'	28°1'	7°7'	16°32'	29°31'	2°51'	8°42'	7°49'	29°44'	26°51'	26°27'	5°33'	28°56'
W30	14 32 18	9°47'54"	12°M8'	28°Y32'	8°II20'	16°254'	29°M24'	2°M47'	8°242'	7°Y52'	29°245'	26°V52'	26°V24'	5°240'	28°258'

SWISS EPHEMERIS for the year 2042

MAY 2042

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	14 36 14	10°46'10	23°57	28°57	9°32	17°15	29°18	2°42	8°43	7°54	29°45	26°53	26°21	5°47	29°1
F 2	14 40 11	11°44'24	5°45	29°18	10°45	17°38	29°11	2°38	8°44	7°56	29°46	26°55	26°18	5°53	29°4
S 3	14 44 7	12°42'36	17°34	29°32	11°57	18°0	29°4	2°33	8°45	7°58	29°47	26°55	26°15	6°0	29°8
S 4	14 48 4	13°40'47	29°28	29°41	13°9	18°23	28°57	2°29	8°46	8°1	29°48	26°R56	26°12	6°7	29°11
M 5	14 52 1	14°38'55	11°29	29°R45	14°22	18°46	28°50	2°24	8°47	8°3	29°48	26°55	26°8	6°13	29°14
T 6	14 55 57	15°37'02	23°40	29°44	15°34	19°10	28°42	2°20	8°48	8°5	29°49	26°54	26°5	6°20	29°17
W 7	14 59 54	16°35'08	6°1	29°37	16°46	19°33	28°35	2°16	8°49	8°7	29°49	26°51	26°2	6°27	29°21
T 8	15 3 50	17°33'11	18°34	29°26	17°58	19°57	28°28	2°11	8°50	8°10	29°50	26°48	25°59	6°33	29°25
F 9	15 7 47	18°31'14	1°321	29°10	19°10	20°21	28°20	2°7	8°51	8°12	29°51	26°45	25°56	6°40	29°28
S 10	15 11 43	19°29'15	14°21	28°50	20°22	20°46	28°13	2°3	8°53	8°14	29°51	26°42	25°52	6°47	29°32
S 11	15 15 40	20°27'14	27°37	28°26	21°34	21°11	28°5	1°59	8°54	8°16	29°52	26°39	25°49	6°53	29°36
M12	15 19 36	21°25'12	11°8	27°59	22°46	21°36	27°58	1°54	8°55	8°19	29°52	26°38	25°46	7°0	29°40
T 13	15 23 33	22°23'09	24°55	27°29	23°58	22°1	27°50	1°50	8°57	8°21	29°53	26°D38	25°43	7°7	29°44
W14	15 27 30	23°21'05	8°59	26°57	25°10	22°26	27°43	1°46	8°58	8°23	29°53	26°38	25°40	7°13	29°48
T 15	15 31 26	24°18'59	23°18	26°23	26°22	22°52	27°35	1°42	9°0	8°25	29°53	26°40	25°37	7°20	29°52
F 16	15 35 23	25°16'52	7°50	25°48	27°33	23°18	27°28	1°38	9°1	8°27	29°54	26°41	25°33	7°27	29°56
S 17	15 39 19	26°14'44	22°32	25°13	28°45	23°44	27°20	1°34	9°3	8°30	29°54	26°R42	25°30	7°33	0°0
S 18	15 43 16	27°12'35	7°8	24°38	29°56	24°11	27°12	1°30	9°5	8°32	29°55	26°41	25°27	7°40	0°5
M19	15 47 12	28°10'25	21°59	24°3	1°8	24°37	27°5	1°26	9°6	8°34	29°55	26°40	25°24	7°47	0°9
T 20	15 51 9	29°8'13	6°31	23°30	2°19	25°4	26°57	1°23	9°8	8°36	29°55	26°36	25°21	7°53	0°13
W21	15 55 5	0°5'59	20°47	22°59	3°31	25°31	26°49	1°19	9°10	8°38	29°55	26°32	25°18	8°0	0°18
T 22	15 59 2	1°3'45	4°42	22°30	4°42	25°59	26°42	1°15	9°12	8°40	29°56	26°27	25°14	8°6	0°23
F 23	16 2 59	2°1'29	18°12	22°4	5°53	26°26	26°34	1°12	9°14	8°42	29°56	26°21	25°11	8°13	0°27
S 24	16 6 55	2°59'11	1°18	21°41	7°4	26°54	26°27	1°8	9°15	8°45	29°56	26°17	25°8	8°20	0°32
S 25	16 10 52	3°56'52	14°1	21°22	8°16	27°22	26°19	1°5	9°17	8°47	29°56	26°13	25°5	8°26	0°37
M26	16 14 48	4°54'31	26°24	21°7	9°27	27°50	26°12	1°1	9°19	8°49	29°56	26°11	25°2	8°33	0°42
T 27	16 18 45	5°52'08	8°30	20°56	10°38	28°18	26°4	0°58	9°22	8°51	29°56	26°D11	24°58	8°40	0°47
W28	16 22 41	6°49'44	20°25	20°49	11°49	28°47	25°57	0°55	9°24	8°53	29°56	26°12	24°55	8°46	0°52
T 29	16 26 38	7°47'19	2°15	20°D47	12°59	29°15	25°49	0°51	9°26	8°55	29°57	26°13	24°52	8°53	0°57
F 30	16 30 34	8°44'52	14°3	20°49	14°10	29°44	25°42	0°48	9°28	8°57	29°57	26°15	24°49	9°0	1°2
S 31	16 34 31	9°42'24	25°55	20°55	15°21	0°13	25°35	0°45	9°30	8°59	29°R57	26°R15	24°Y46	9°6	1°8

Delta T = 108.11 sec.

JUNE 2042

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	16 38 28	10°39'55	7°54	21°8	16°31	0°42	25°R28	0°R42	9°33	9°8	29°R57	26°R15	24°Y43	9°13	1°13
M 2	16 42 24	11°37'25	20°5	21°21	17°42	1°12	25°M20	0°M39	9°35	9°3	29°R57	26°Y12	24°39	9°20	1°18
T 3	16 46 21	12°34'53	2°28	21°41	18°52	1°41	25°13	0°36	9°37	9°5	29°56	26°7	24°36	9°26	1°24
W 4	16 50 17	13°32'21	15°7	22°5	20°3	2°11	25°6	0°34	9°40	9°7	29°56	26°1	24°33	9°33	1°29
T 5	16 54 14	14°29'47	28°0	22°34	21°13	2°41	25°0	0°31	9°42	9°9	29°56	25°53	24°30	9°40	1°35
F 6	16 58 10	15°27'13	11°8	23°7	22°23	3°11	24°53	0°29	9°45	9°11	29°56	25°45	24°27	9°46	1°40
S 7	17 2 7	16°24'38	24°30	23°44	23°33	3°41	24°46	0°26	9°47	9°13	29°56	25°37	24°24	9°53	1°46
S 8	17 6 3	17°22'02	8°3	24°24	24°43	4°11	24°40	0°24	9°50	9°14	29°56	25°30	24°20	10°0	1°52
M 9	17 10 0	18°19'25	21°47	25°9	25°53	4°42	24°33	0°21	9°52	9°16	29°56	25°25	24°17	10°6	1°58
T 10	17 13 57	19°16'48	5°40	25°58	27°3	5°13	24°27	0°19	9°55	9°18	29°55	25°22	24°14	10°13	2°3
W11	17 17 53	20°14'10	19°42	26°50	28°13	5°43	24°20	0°17	9°58	9°20	29°55	25°D21	24°11	10°20	2°9
T 12	17 21 50	21°11'32	3°50	27°46	29°22	6°14	24°14	0°15	10°0	9°22	29°55	25°22	24°8	10°26	2°15
F 13	17 25 46	22°8'53	18°5	28°46	0°32	6°45	24°8	0°13	10°3	9°24	29°54	25°R22	24°4	10°33	2°21
S 14	17 29 43	23°6'14	2°23	29°49	1°41	7°17	24°2	0°11	10°6	9°25	29°54	25°22	24°1	10°39	2°27
S 15	17 33 39	24°3'35	16°44	0°56	2°51	7°48	23°56	0°9	10°9	9°27	29°54	25°21	23°58	10°46	2°33
M16	17 37 36	25°0'55	1°12	2°6	4°0	8°19	23°51	0°8	10°11	9°29	29°53	25°16	23°55	10°53	2°39
T 17	17 41 32	25°58'14	15°12	3°20	5°9	8°51	23°45	0°6	10°14	9°30	29°53	25°10	23°52	10°59	2°46
W18	17 45 29	26°55'34	29°12	4°36	6°18	9°23	23°40	0°4	10°17	9°32	29°52	25°1	23°49	11°6	2°52
T 19	17 49 26	27°52'52	12°54	5°57	7°27	9°55	23°35	0°3	10°20	9°34	29°52	24°51	23°45	11°13	2°58
F 20	17 53 22	28°50'10	26°17	7°20	8°36	10°27	23°29	0°2	10°23	9°35	29°52	24°41	23°42	11°19	3°4
S 21	17 57 19	29°47'28	9°19	8°46	9°45	10°59	23°24	0°1	10°26	9°37	29°51	24°31	23°39	11°26	3°11
S 22	18 1 15	0°44'44	22°0	10°16	10°53	11°31	23°20	29°59	10°29	9°39	29°51	24°23	23°36	11°33	3°17
M23	18 5 12	1°42'00	4°22	11°49	12°2	12°4	23°15	29°58	10°32	9°40	29°50	24°18	23°33	11°39	3°24
T 24	18 9 8	2°39'15	16°29	13°25	13°10	12°37	23°10	29°57	10°35	9°42	29°49	24°14	23°30	11°46	3°30
W25	18 13 5	3°36'30	28°24	15°4	14°19	13°9	23°6	29°57	10°38	9°43	29°49	24°13	23°26	11°53	3°37
T 26	18 17 2	4°33'44	10°14	16°46	15°27	13°42	23°2	29°56	10°42	9°45	29°48	24°D13	23°23	11°59	3°43
F 27	18 20 58	5°30'57	22°3	18°31	16°35	14°15	22°58	29°55	10°45	9°46	29°48	24°R13	23°20	12°6	3°50
S 28	18 24 55	6°28'10	3°57	20°19	17°43	14°48	22°54	29°55	10°48	9°48	29°47	24°13	23°17	12°13	3°56
S 29	18 28 51	7°25'23	16°0	22°10	18°50	15°21	22°50	29°54	10°51	9°49	29°46	24°11	23°14	12°19	4°3
M30	18 32 48	8°22'35	28°18	24°14	19°58	15°55	22°47	29°54	10°54	9°50	29°46	24°Y7	23°Y10	12°26	4°10

Delta T = 108.26 sec.

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SWISS EPHEMERIS for the year 2042

JULY 2042

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	18 36 44	9°51'47	10°53'	26°11'	21°06'	16°28'	22°R43	29°R54	10°058	9°52	29°R45	24°R 0	23°Y 7	12°32	4°016
W 2	18 40 41	10°16'58	23°47'	27°58'	22°13'	17° 1	22°M40	29°53	11° 1	9°53	29°44	23°Y51	23° 4	12°39	4°23
T 3	18 44 37	11°14'10	7° 0	29°59'	23°20'	17°35'	22°37'	29°D53	11° 4	9°54	29°43	23°40	23° 1	12°46	4°30
F 4	18 48 34	12°11'21	20°31'	29° 2	24°27'	18° 9	22°34'	29°53	11° 8	9°56	29°43	23°28	22°58	12°52	4°37
S 5	18 52 31	13° 8'32	4°18	4° 7	25°34'	18°43'	22°31'	29°54	11°11	9°57	29°42	23°17	22°55	12°59	4°44
S 6	18 56 27	14° 5'43	18°16'	6°13'	26°41'	19°17'	22°29'	29°54	11°14	9°58	29°41	23° 7	22°51	13° 6	4°51
M 7	19 0 24	15° 2'55	2°21	8°21	27°47'	19°51'	22°27'	29°54	11°18	9°59	29°40	22°59	22°48	13°12	4°57
T 8	19 4 20	16° 0'06	16°30'	10°29'	28°54'	20°25'	22°24'	29°55	11°21	10° 0	29°39	22°55	22°45	13°19	5° 4
W 9	19 8 17	16°57'18	0°Y40	12°38'	0° 0	20°59'	22°22'	29°55	11°25	10° 2	29°38	22°52	22°42	13°26	5°11
T 10	19 12 13	17°54'31	14°49'	14°48'	1° 6	21°33'	22°21'	29°56	11°28	10° 3	29°37	22°52	22°39	13°32	5°18
F 11	19 16 10	18°51'43	28°56'	16°58'	2°12	22° 8	22°19'	29°57	11°32	10° 4	29°37	22°52	22°36	13°39	5°25
S 12	19 20 6	19°48'57	12°59'	19° 8	3°18	22°42'	22°17'	29°57	11°35	10° 5	29°36	22°51	22°32	13°46	5°32
S 13	19 24 3	20°46'11	26°59'	21°17'	4°23	23°17'	22°16'	29°58	11°39	10° 6	29°35	22°48	22°29	13°52	5°39
M14	19 28 0	21°43'58	10°52	23°26'	5°29	23°52'	22°15'	29°59	11°42	10° 7	29°34	22°43	22°26	13°59	5°46
T 15	19 31 56	22°40'40	24°38'	25°33'	6°34	24°27'	22°14'	0°M 0	11°46	10° 8	29°33	22°35	22°23	14° 6	5°54
W16	19 35 53	23°37'55	8°13	27°40'	7°39	25° 2	22°13'	0° 2	11°49	10° 9	29°32	22°24	22°20	14°12	6° 1
T 17	19 39 49	24°35'11	21°36'	29°46'	8°44	25°37'	22°13'	0° 3	11°53	10°10	29°31	22°12	22°16	14°19	6° 8
F 18	19 43 46	25°32'27	4°03	1°050	9°48	26°12'	22°12'	0° 4	11°56	10°11	29°30	21°59	22°13	14°25	6°15
S 19	19 47 42	26°29'44	17°32'	3°53	10°53	26°47'	22°12'	0° 6	12° 0	10°11	29°29	21°47	22°10	14°32	6°22
S 20	19 51 39	27°27'00	0° 5	5°54	11°57	27°23'	22°D12	0° 8	12° 4	10°12	29°28	21°37	22° 7	14°39	6°29
M21	19 55 35	28°24'17	12°22'	7°53	13° 1	27°58'	22°12'	0° 9	12° 7	10°13	29°27	21°30	22° 4	14°45	6°36
T 22	19 59 32	29°21'35	24°26'	9°51	14° 4	28°34'	22°13'	0°11	12°11	10°14	29°25	21°25	22° 1	14°52	6°44
W23	20 3 29	0°018'52	6°120	11°48	15° 8	29°10'	22°13'	0°13	12°15	10°14	29°24	21°23	21°57	14°59	6°51
T 24	20 7 25	1°16'10	18° 8	13°42	16°11	29°45'	22°14'	0°15	12°18	10°15	29°23	21°D22	21°54	15° 5	6°58
F 25	20 11 22	2°13'28	29°57'	15°35'	17°14'	0°121	22°15'	0°17	12°22	10°16	29°22	21°R22	21°51	15°12	7° 5
S 26	20 15 18	3°10'47	11°151	17°26'	18°17'	0°57	22°16'	0°19	12°26	10°16	29°21	21°22	21°48	15°19	7°12
S 27	20 19 15	4° 8'06	23°56'	19°15'	19°19'	1°33	22°17'	0°22	12°29	10°17	29°20	21°20	21°45	15°25	7°20
M28	20 23 11	5° 5'25	6°16	21° 3	20°21	2° 9	22°19'	0°24	12°33	10°17	29°19	21°17	21°42	15°32	7°27
T 29	20 27 8	6° 2'45	12°49'	21°23'	2°45	22°20'	0°26	12°37	10°18	29°18	29°18	21°11	21°38	15°39	7°34
W30	20 31 4	7° 0'06	2° 0	24°33'	22°25'	3°22	22°22'	0°29	12°40	10°18	29°16	21° 2	21°35	15°45	7°41
T 31	20 35 1	7°057'27	15°28	26°016	23°26	3°58	22°M24	0°M32	12°044	10°19	29°15	20°Y52	21°Y32	15°52	7°049

Delta T = 108.40 sec.

AUGUST 2042

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	20 38 58	8°054'49	29°18	27°057	24°27	4°35	22°M26	0°M34	12°048	10°19	29°R14	20°R41	21°Y29	15°59	7°056
S 2	20 42 54	9°52'12	13°27	29°36'	25°28'	5°11	22°29'	0°37	12°51	10°20	29°13	20°Y31	21°26	16° 5	8° 3
S 3	20 46 51	10°49'35	27°50'	1°13	26°28'	5°48	22°31'	0°40	12°55	10°20	29°12	20°21	21°22	16°12	8°10
M 4	20 50 47	11°46'59	12°20	2°49	27°28'	6°25	22°34'	0°43	12°59	10°20	29°10	20°14	21°19	16°18	8°18
T 5	20 54 44	12°44'25	26°52'	4°23	28°28'	7° 1	22°37'	0°46	13° 3	10°21	29° 9	20°10	21°16	16°25	8°25
W 6	20 58 40	13°41'51	11°Y21	5°55	29°27'	7°38	22°40'	0°49	13° 6	10°21	29° 8	20° 8	21°13	16°32	8°32
T 7	21 2 37	14°39'19	2°41	7°26	0°126	8°15	22°43'	0°53	13°10	10°21	29° 7	20°D 8	21°10	16°38	8°40
F 8	21 6 33	15°36'48	9°31	8°55	1°25	8°52	22°46'	0°56	13°14	10°21	29° 5	20°R 8	21° 7	16°45	8°47
S 9	21 10 30	16°34'19	23°50'	10°22	2°23	9°30	22°50'	0°59	13°17	10°22	29° 4	20° 8	21° 3	16°52	8°54
S 10	21 14 27	17°31'51	7°138	11°47	3°21	10° 7	22°54'	1° 3	13°21	10°22	29° 3	20° 7	21° 0	16°58	9° 1
M11	21 18 23	18°29'24	21°14	13°11	4°18	10°44	22°57'	1° 6	13°25	10°22	29° 1	20° 3	20°57	17° 5	9° 8
T 12	21 22 20	19°26'59	4°38	14°33	5°15	11°22	23° 1	1°10	13°28	10°22	29° 0	19°56	20°54	17°12	9°16
W13	21 26 16	20°24'35	17°50'	15°53	6°11	11°59	23° 6	1°14	13°32	10°R22	28°59	19°48	20°51	17°18	9°23
T 14	21 30 13	21°22'12	0°050	17°11	7° 7	12°37	23°10	1°18	13°36	10°22	28°58	19°38	20°48	17°25	9°30
F 15	21 34 9	22°19'51	13°37	18°28	8° 3	13°14	23°15	1°22	13°40	10°22	28°56	19°28	20°44	17°32	9°37
S 16	21 38 6	23°17'31	26°10	19°42	8°58	13°52	23°19	1°26	13°43	10°22	28°55	19°18	20°41	17°38	9°44
S 17	21 42 3	24°15'12	8°30	20°55	9°53	14°30	23°24	1°30	13°47	10°22	28°54	19°10	20°38	17°45	9°52
M18	21 45 59	25°12'54	20°38	22° 5	10°47	15° 8	23°29	1°34	13°51	10°22	28°52	19° 4	20°35	17°51	9°59
T 19	21 49 56	26°10'37	2°36	23°13	11°40	15°46	23°34	1°38	13°54	10°21	28°51	19° 0	20°32	17°58	10° 6
W20	21 53 52	27° 8'22	14°27	24°19	12°33	16°24	23°40	1°42	13°58	10°21	28°50	18°D59	20°28	18° 5	10°13
T 21	21 57 49	28° 6'07	26°14	25°22	13°26	17° 2	23°45	1°47	14° 2	10°21	28°49	18°59	20°25	18°11	10°20
F 22	22 1 45	29° 3'54	8°M 1	26°23	14°17	17°40	23°51	1°51	14° 5	10°21	28°47	19° 0	20°22	18°18	10°27
S 23	22 5 42	0° 1'42	19°54	27°21	15° 8	18°19	23°56	1°56	14° 9	10°20	28°46	19° 1	20°19	18°25	10°34
S 24	22 9 38	0°59'32	1°58	28°16	15°59	18°57	24° 2	2° 0	14°12	10°20	28°45	19°R 2	20°16	18°31	10°41
M25	22 13 35	1°57'22	14°18	29° 9	16°49	19°36	24° 8	2° 5	14°16	10°20	28°43	19° 1	20°13	18°38	10°48
T 26	22 17 31	2°55'14	26°58	29°58	17°38	20°14	24°15	2°10	14°20	10°19	28°42	18°58	20° 9	18°45	10°55
W27	22 21 28	3°53'07	10°3	0°144	18°26	20°53	24°21	2°15	14°23	10°19	28°41	18°54	20° 6	18°51	11° 2
T 28	22 25 25	4°51'01	23°34	1°27	19°13	21°32	24°28	2°19	14°27	10°18	28°39	18°48	20° 3	18°58	11° 9
F 29	22 29 21	5°48'57	7°32	2° 6	20° 0	22°10	24°34	2°24	14°30	10°18	28°38	18°41	20° 0	19° 5	11°16
S 30	22 33 18	6°46'54	21°54	2°41	20°46	22°49	24°41	2°29	14°34	10°17	28°37	18°34	19°57	19°11	11°23
S 31	22 37 14	7°44'52	6°35	3°12	21°31	23°28	24°M48	2°M35	14°037	10°17	28°36	18°Y29	19°Y53	19°18	11°030

Delta T = 108.54 sec.

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SWISS EPHEMERIS for the year 2042

SEPTEMBER 2042

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	22 41 11	8 ^h 42'52"	21 ^h 1'27"	3 ^h 38'15"	22 ^h 15'15"	24 ^h 4'7"	24 ^h 55'55"	2 ^h 40'40"	14 ^h 41'41"	10 ^h 16'16"	28 ^h 34'34"	18 ^h 25'25"	19 ^h 50'50"	19 ^h 25'25"	11 ^h 37'37"
T 2	22 45 7	9 ^h 40'53"	6 ^h 9'22"	3 ^h 59'59"	22 ^h 58'58"	24 ^h 46'46"	25 ^h 2'2"	2 ^h 45'45"	14 ^h 44'44"	10 ^h 16'16"	28 ^h 33'33"	18 ^h 22'22"	19 ^h 47'47"	19 ^h 31'31"	11 ^h 43'43"
W 3	22 49 4	10 ^h 38'57"	21 ^h 1'3"	4 ^h 16'16"	23 ^h 41'41"	25 ^h 25'25"	25 ^h 10'10"	2 ^h 50'50"	14 ^h 48'48"	10 ^h 15'15"	28 ^h 32'32"	18 ^h 20'20"	19 ^h 44'44"	19 ^h 38'38"	11 ^h 50'50"
T 4	22 53 0	11 ^h 37'02"	5 ^h 8'53"	4 ^h 27'27"	24 ^h 22'22"	26 ^h 5'25"	25 ^h 17'17"	2 ^h 55'55"	14 ^h 51'51"	10 ^h 14'14"	28 ^h 30'30"	18 ^h 23'23"	19 ^h 41'41"	19 ^h 44'44"	11 ^h 57'57"
F 5	22 56 57	12 ^h 35'09"	20 ^h 17'17"	4 ^h R33	25 ^h 2'2"	26 ^h 44'44"	25 ^h 25'25"	3 ^h 1'1"	14 ^h 54'54"	10 ^h 14'14"	28 ^h 29'29"	18 ^h 24'24"	19 ^h 38'38"	19 ^h 51'51"	12 ^h 4'4"
S 6	23 0 54	13 ^h 33'19"	4 ^h 11'23"	4 ^h 33'33"	25 ^h 41'41"	27 ^h 23'23"	25 ^h 32'32"	3 ^h 6'6"	14 ^h 58'58"	10 ^h 13'13"	28 ^h 28'28"	18 ^h 25'25"	19 ^h 34'34"	19 ^h 58'58"	12 ^h 10'10"
S 7	23 4 50	14 ^h 31'30"	18 ^h 9'9"	4 ^h 27'27"	26 ^h 19'19"	28 ^h 3'25"	25 ^h 40'40"	3 ^h 12'12"	15 ^h 1'1"	10 ^h 12'12"	28 ^h 27'27"	18 ^h 25'25"	19 ^h 31'31"	20 ^h 4'4"	12 ^h 17'17"
M 8	23 8 47	15 ^h 29'44"	1 ^h 38'47"	4 ^h 14'14"	26 ^h 56'56"	28 ^h 42'42"	25 ^h 48'48"	3 ^h 17'17"	15 ^h 5'5"	10 ^h 11'11"	28 ^h 25'25"	18 ^h 24'24"	19 ^h 28'28"	20 ^h 11'11"	12 ^h 23'23"
T 9	23 12 43	16 ^h 27'59"	14 ^h 48'59"	3 ^h 55'55"	27 ^h 32'32"	29 ^h 22'22"	25 ^h 56'56"	3 ^h 23'23"	15 ^h 8'8"	10 ^h 10'10"	28 ^h 24'24"	18 ^h 22'22"	19 ^h 25'25"	20 ^h 18'18"	12 ^h 30'30"
W10	23 16 40	17 ^h 26'17"	27 ^h 44'44"	3 ^h 29'29"	28 ^h 6'6"	0 ^h 11'2"	26 ^h 4'4"	3 ^h 29'29"	15 ^h 11'11"	10 ^h 10'10"	28 ^h 23'23"	18 ^h 18'18"	19 ^h 22'22"	20 ^h 24'24"	12 ^h 37'37"
T 11	23 20 36	18 ^h 24'36"	10 ^h 12'42"	2 ^h 57'57"	28 ^h 39'39"	0 ^h 42'42"	26 ^h 13'13"	3 ^h 35'35"	15 ^h 14'14"	10 ^h 9'9"	28 ^h 22'22"	18 ^h 13'13"	19 ^h 19'19"	20 ^h 31'31"	12 ^h 43'43"
F 12	23 24 33	19 ^h 22'58"	22 ^h 53'53"	2 ^h 19'19"	29 ^h 11'11"	1 ^h 22'22"	26 ^h 21'21"	3 ^h 40'40"	15 ^h 18'18"	10 ^h 8'8"	28 ^h 21'21"	18 ^h 8'8"	19 ^h 15'15"	20 ^h 38'38"	12 ^h 49'49"
S 13	23 28 29	20 ^h 21'21"	5 ^h 11'9"	1 ^h 35'35"	29 ^h 41'41"	2 ^h 1'1"	26 ^h 30'30"	3 ^h 46'46"	15 ^h 21'21"	10 ^h 7'7"	28 ^h 19'19"	18 ^h 4'4"	19 ^h 12'12"	20 ^h 44'44"	12 ^h 56'56"
S 14	23 32 26	21 ^h 19'46"	17 ^h 16'16"	0 ^h 45'45"	0 ^h 11'10"	2 ^h 41'41"	26 ^h 39'39"	3 ^h 52'52"	15 ^h 24'24"	10 ^h 6'6"	28 ^h 18'18"	18 ^h 0'0"	19 ^h 9'9"	20 ^h 51'51"	13 ^h 2'2"
M15	23 36 23	22 ^h 18'13"	29 ^h 15'15"	29 ^h 11'50"	0 ^h 37'37"	3 ^h 22'22"	26 ^h 47'47"	3 ^h 58'58"	15 ^h 27'27"	10 ^h 5'5"	28 ^h 17'17"	17 ^h 57'57"	19 ^h 6'6"	20 ^h 58'58"	13 ^h 8'8"
T 16	23 40 19	23 ^h 16'42"	11 ^h 1'7"	28 ^h 51'51"	1 ^h 3'3"	4 ^h 2'2"	26 ^h 56'56"	4 ^h 4'4"	15 ^h 30'30"	10 ^h 4'4"	28 ^h 16'16"	17 ^h 56'56"	19 ^h 3'3"	21 ^h 4'4"	13 ^h 15'15"
W17	23 44 16	24 ^h 15'13"	22 ^h 54'54"	27 ^h 50'50"	1 ^h 27'27"	4 ^h 42'42"	27 ^h 6'6"	4 ^h 10'10"	15 ^h 33'33"	10 ^h 3'3"	28 ^h 15'15"	17 ^h D56	18 ^h 59'59"	21 ^h 11'11"	13 ^h 21'21"
T 18	23 48 12	25 ^h 13'45"	4 ^h 11'40"	26 ^h 47'47"	1 ^h 50'50"	5 ^h 22'22"	27 ^h 15'15"	4 ^h 16'16"	15 ^h 37'37"	10 ^h 2'2"	28 ^h 14'14"	17 ^h 57'57"	18 ^h 56'56"	21 ^h 17'17"	13 ^h 27'27"
F 19	23 52 9	26 ^h 12'19"	1 ^h 6'28"	25 ^h 44'44"	2 ^h 10'10"	6 ^h 3'3"	27 ^h 24'24"	4 ^h 22'22"	15 ^h 40'40"	10 ^h 1'1"	28 ^h 12'12"	17 ^h 58'58"	18 ^h 53'53"	21 ^h 24'24"	13 ^h 33'33"
S 20	23 56 5	27 ^h 10'55"	28 ^h 22'22"	24 ^h 42'42"	2 ^h 29'29"	6 ^h 43'43"	27 ^h 33'33"	4 ^h 29'29"	15 ^h 43'43"	10 ^h 0'0"	28 ^h 11'11"	18 ^h 0'0"	18 ^h 50'50"	21 ^h 31'31"	13 ^h 39'39"
S 21	0 0 2	28 ^h 9'33"	10 ^h 1'25"	23 ^h 43'43"	2 ^h 46'46"	7 ^h 24'24"	27 ^h 43'43"	4 ^h 35'35"	15 ^h 46'46"	9 ^h 58'58"	28 ^h 10'10"	18 ^h 1'1"	18 ^h 47'47"	21 ^h 37'37"	13 ^h 45'45"
M22	0 3 58	29 ^h 8'12"	22 ^h 43'43"	22 ^h 49'49"	3 ^h 1'1"	8 ^h 4'4"	27 ^h 53'53"	4 ^h 41'41"	15 ^h 49'49"	9 ^h 57'57"	28 ^h 9'9"	18 ^h 2'2"	18 ^h 44'44"	21 ^h 44'44"	13 ^h 51'51"
T 23	0 7 55	0 ^h 1'6'53"	5 ^h 3'20"	22 ^h 1'1"	3 ^h 14'14"	8 ^h 45'45"	28 ^h 2'2"	4 ^h 48'48"	15 ^h 51'51"	9 ^h 56'56"	28 ^h 8'8"	18 ^h R 2	18 ^h 40'40"	21 ^h 51'51"	13 ^h 57'57"
W24	0 11 52	1 ^h 5'36"	18 ^h 20'20"	21 ^h 19'19"	3 ^h 25'25"	9 ^h 26'26"	28 ^h 12'12"	4 ^h 54'54"	15 ^h 54'54"	9 ^h 55'55"	28 ^h 7'7"	18 ^h 1'1"	18 ^h 37'37"	21 ^h 57'57"	14 ^h 3'3"
T 25	0 15 48	2 ^h 4'21"	1 ^h 3'46"	20 ^h 46'46"	3 ^h 34'34"	10 ^h 7'7"	28 ^h 22'22"	5 ^h 0'0"	15 ^h 57'57"	9 ^h 54'54"	28 ^h 6'6"	18 ^h 0'0"	18 ^h 34'34"	22 ^h 4'4"	14 ^h 9'9"
F 26	0 19 45	3 ^h 3'07"	15 ^h 39'39"	20 ^h 22'22"	3 ^h 40'40"	10 ^h 48'48"	28 ^h 32'32"	5 ^h 7'7"	16 ^h 0'0"	9 ^h 52'52"	28 ^h 5'5"	17 ^h 58'58"	18 ^h 31'31"	22 ^h 11'11"	14 ^h 14'14"
S 27	0 23 41	4 ^h 1'55"	0 ^h 1'0"	20 ^h 8'8"	3 ^h 45'45"	11 ^h 29'29"	28 ^h 42'42"	5 ^h 13'13"	16 ^h 3'3"	9 ^h 51'51"	28 ^h 4'4"	17 ^h 56'56"	18 ^h 28'28"	22 ^h 17'17"	14 ^h 20'20"
S 28	0 27 38	5 ^h 0'44"	14 ^h 44'44"	20 ^h D 3	3 ^h R47	12 ^h 10'10"	28 ^h 52'52"	5 ^h 20'20"	16 ^h 6'6"	9 ^h 50'50"	28 ^h 3'3"	17 ^h 55'55"	18 ^h 25'25"	22 ^h 24'24"	14 ^h 26'26"
M29	0 31 34	5 ^h 59'36"	29 ^h 46'46"	20 ^h 9'9"	3 ^h 46'46"	12 ^h 51'51"	29 ^h 3'3"	5 ^h 26'26"	16 ^h 8'8"	9 ^h 48'48"	28 ^h 2'2"	17 ^h 54'54"	18 ^h 21'21"	22 ^h 31'31"	14 ^h 31'31"
T 30	0 35 31	6 ^h 58'29"	14 ^h 4'56"	20 ^h 11'25"	3 ^h 11'44"	13 ^h 11'32"	29 ^h 11'32"	5 ^h 11'33"	16 ^h 11'11"	9 ^h 47'47"	28 ^h 1'1"	17 ^h D53	18 ^h 18'18"	22 ^h 37'37"	14 ^h 37'37"

Delta T = 108.69 sec.

OCTOBER 2042

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	0 39 27	7 ^h 57'25	0 ^h 8'5	20 ^h 11'51	3 ^h R39	14 ^h 11'13	29 ^h 11'23	5 ^h 11'40	16 ^h 14'14	9 ^h R46	28 ^h R 0	17 ^h 53'53	18 ^h 15'15	22 ^h 44'44	14 ^h 42'42
T 2	0 43 24	8 ^h 56'22	1 ^h 5'4	21 ^h 26'26	3 ^h 11'31	14 ^h 55'55	29 ^h 34'34	5 ^h 46'46	16 ^h 16'16	9 ^h R44	27 ^h 55'55	17 ^h 54'54	18 ^h 12'12	22 ^h 50'50	14 ^h 48'48
F 3	0 47 21	9 ^h 55'22	2 ^h 9'47	22 ^h 10'10	3 ^h 21'21	15 ^h 36'36	29 ^h 45'45	5 ^h 53'53	16 ^h 19'19	9 ^h 43'43	27 ^h 58'58	17 ^h 55'55	18 ^h 9'9	22 ^h 57'57	14 ^h 53'53
S 4	0 51 17	10 ^h 54'25	1 ^h 11'7	23 ^h 3'3	3 ^h 9'9	16 ^h 18'18	29 ^h 56'56	6 ^h 0'0	16 ^h 21'21	9 ^h 42'42	27 ^h 57'57	17 ^h 55'55	18 ^h 5'5	23 ^h 4'4	14 ^h 58'58
S 5	0 55 14	11 ^h 53'29	2 ^h 8'3	24 ^h 3'3	2 ^h 54'54	16 ^h 59'59	0 ^h 1'6	6 ^h 7'7	16 ^h 24'24	9 ^h 40'40	27 ^h 56'56	17 ^h 56'56	18 ^h 2'2	23 ^h 10'10	15 ^h 3'3
M 6	0 59 10	12 ^h 52'36	1 ^h 13'33	25 ^h 10'10	2 ^h 37'37	17 ^h 41'41	0 ^h 17'17	6 ^h 13'13	16 ^h 26'26	9 ^h 39'39	27 ^h 56'56	17 ^h R56	17 ^h 59'59	23 ^h 17'17	15 ^h 8'8
T 7	1 3 7	13 ^h 51'46	2 ^h 24'41	26 ^h 23'23	2 ^h 18'18	18 ^h 22'22	0 ^h 28'28	6 ^h 20'20	16 ^h 29'29	9 ^h 37'37	27 ^h 55'55	17 ^h 56'56	17 ^h 56'56	23 ^h 24'24	15 ^h 14'14
W 8	1 7 3	14 ^h 50'57	7 ^h 12'28	27 ^h 41'41	1 ^h 57'57	19 ^h 4'4	0 ^h 39'39	6 ^h 27'27	16 ^h 31'31	9 ^h 36'36	27 ^h 54'54	17 ^h 55'55	17 ^h 53'53	23 ^h 30'30	15 ^h 19'19
T 9	1 11 0	15 ^h 50'11	1 ^h 19'57	29 ^h 5'5	1 ^h 33'33	19 ^h 46'46	0 ^h 51'51	6 ^h 34'34	16 ^h 33'33	9 ^h 34'34	27 ^h 53'53	17 ^h 55'55	17 ^h 50'50	23 ^h 37'37	15 ^h 23'23
F 10	1 14 56	16 ^h 49'27	2 ^h 11'13	0 ^h 32'32	1 ^h 7'7	20 ^h 28'28	1 ^h 2'2	6 ^h 41'41	16 ^h 36'36	9 ^h 33'33	27 ^h 52'52	17 ^h 55'55	17 ^h 46'46	23 ^h 44'44	15 ^h 28'28
S 11	1 18 53	17 ^h 48'45	1 ^h 14'17	2 ^h 3'3	0 ^h 40'40	21 ^h 10'10	1 ^h 13'13	6 ^h 48'48	16 ^h 38'38	9 ^h 31'31	27 ^h 52'52	17 ^h D55	17 ^h 43'43	23 ^h 50'50	15 ^h 33'33
S 12	1 22 50	18 ^h 48'06	2 ^h 26'13	3 ^h 37'37	0 ^h 10'10	21 ^h 52'52	1 ^h 25'25	6 ^h 55'55	16 ^h 40'40	9 ^h 30'30	27 ^h 51'51	17 ^h 55'55	17 ^h 40'40	23 ^h 57'57	15 ^h 38'38
M13	1 26 46	19 ^h 47'28	8 ^h 1'4	5 ^h 13'13	2 ^h 29'39	22 ^h 34'34	1 ^h 36'36	7 ^h 2'2	16 ^h 42'42	9 ^h 28'28	27 ^h 50'50	17 ^h 55'55	17 ^h 37'37	24 ^h 4'4	15 ^h 42'42
T 14	1 30 43	20 ^h 46'53	1 ^h 19'52	6 ^h 51'51	2 ^h 29'7	23 ^h 16'16	1 ^h 48'48	7 ^h 9'9	16 ^h 44'44	9 ^h 27'27	27 ^h 49'49	17 ^h R55	17 ^h 34'34	24 ^h 10'10	15 ^h 47'47
W15	1 34 39	21 ^h 46'20	1 ^h 11'39	8 ^h 30'30	2 ^h 28'33	23 ^h 59'59	1 ^h 59'59	7 ^h 16'16	16 ^h 46'46	9 ^h 25'25	27 ^h 49'49	17 ^h 55'55	17 ^h 30'30	24 ^h 17'17	15 ^h 51'51
T 16	1 38 36	22 ^h 45'49	1 ^h 13'27	10 ^h 11'11	2 ^h 27'59	24 ^h 41'41	2 ^h 11'11	7 ^h 23'23	16 ^h 48'48	9 ^h 23'23	27 ^h 48'48	17 ^h 55'55	17 ^h 27'27	24 ^h 24'24	15 ^h 56'56
F 17	1 42 32	23 ^h 45'19	2 ^h 25'19	11 ^h 52'52	2 ^h 27'23	25 ^h 23'23	2 ^h 23'23	7 ^h 30'30	16 ^h 50'50	9 ^h 22'22	27 ^h 47'47	17 ^h 54'54	17 ^h 24'24	24 ^h 30'30	16 ^h 0'0
S 18	1 46 29	24 ^h 44'52	7 ^h 1'18	13 ^h 35'35	2 ^h 26'47	26 ^h 6'6	2 ^h 35'35	7 ^h 37'37	16 ^h 52'52	9 ^h 20'20	27 ^h 47'47	17 ^h 53'53	17 ^h 21'21	24 ^h 37'37	16 ^h 4'4
S 19	1 50 25	25 ^h 44'27	1 ^h 19'25	15 ^h 17'17	2 ^h 26'10	26 ^h 48'48	2 ^h 46'46	7 ^h 44'44	16 ^h 54'54	9 ^h 18'18	27 ^h 46'46	17 ^h 52'52	17 ^h 18'18	24 ^h 43'43	16 ^h 8'8
M20	1 54 22	26 ^h 44'03	1 ^h 13'45	17 ^h 0'0	2 ^h 25'34	27 ^h 31'31	2 ^h 58'58	7 ^h 52'52	16 ^h 56'56	9 ^h 17'17	27 ^h 46'46	17 ^h 51'51	17 ^h 15'15	24 ^h 50'50	16 ^h 12'12
T 21	1 58 19	27 ^h 43'41	1 ^h 14'21	18 ^h 43'43	2 ^h 24'57	28 ^h 14'14	3 ^h 11'11	7 ^h 59'59	16 ^h 58'58	9 ^h 15'15	27 ^h 45'45	17 ^h 50'50	17 ^h 11'11	24 ^h 57'57	16 ^h 16'16
W22	2 2 15	28 ^h 43'21	2 ^h 27'16	20 ^h 25'25	2 ^h 24'21	28 ^h 56'56	3 ^h 23'23	8 ^h 6'6	16 ^h 59'59	9 ^h 14'14	27 ^h 45'45	17 ^h D50	17 ^h 8'8	25 ^h 3'3	16 ^h 20'20
T 23	2 6 12	29 ^h 43'03	1 ^h 10'33	22 ^h 8'8	2 ^h 23'45	29 ^h 39'39	3 ^h 35'35	8 ^h 13'13	17 ^h 1'1	9 ^h 12'12	27 ^h 44'44	17 ^h 50'50	17 ^h 5'5	25 ^h 10'10	16 ^h 24'24
F 24	2 10 8	0 ^h 14'24	2 ^h 24'16	23 ^h 50'50	2 ^h 23'11	0 ^h 1'22	3 ^h 47'47	8 ^h 20'20	17 ^h 3'3	9 ^h 10'10	27 ^h 44'44	17 ^h 51'51	17 ^h 2'2	25 ^h 17'17	16 ^h 28'28
S 25	2 14 5	1 ^h 42'31	8 ^h 1'24	25 ^h 32'32	2 ^h 22'37	1 ^h 5'5	3 ^h 59'59	8 ^h 27'27	17 ^h 4'4	9 ^h 9'9	27 ^h 43'43	17 ^h 52'52	16 ^h 59'59	25 ^h 23'23	16 ^h 31'31
S 26	2 18 1	2 ^h 42'17	2 ^h 25'57	27 ^h 14'14	2 ^h 22'4	1 ^h 48'48	4 ^h 12'12	8 ^h 35'35	17 ^h 6'6	9 ^h 7'7	27 ^h 43'43	17 ^h 53'53	16 ^h 56'56	25 ^h 30'30	16 ^h 35'35
M27	2 21 58	3 ^h 42'05	7 ^h 1'50	28 ^h 55'55	2 ^h 21'34	2 ^h 31'31	4 ^h 24'24	8 ^h 42'42	17 ^h 7'7	9 ^h 5'5	27 ^h 43'43	17 ^h 54'54	16 ^h 52'52	25 ^h 37'37	16 ^h 38'38
T 28	2 25 54	4 ^h 41'55	2 ^h 25'58	0 ^h 11'36	2 ^h 21'4	3 ^h 14'14	4 ^h 36'36	8 ^h 49'49	17 ^h 9'9	9 ^h 4'4	27 ^h 42'42	17 ^h R54	16 ^h 49'49	25 ^h 43'43	16 ^h 42'42
W29	2 29 51	5 ^h 41'47	8 ^h 11'17	2 ^h 21'16	2 ^h 20'37	3 ^h 58'58	4 ^h 49'49	8 ^h 56'56	17 ^h 10'10	9 ^h 2'2	27 ^h 42'42	17 ^h 53'53	16 ^h 46'46	25 ^h 50'50	16 ^h 45'45
T 30	2 33 48	6 ^h 41'41	23 ^h 21'21	3 ^h 56'56	2 ^h 20'11	4 ^h 41'41	5 ^h 1'1	9 ^h 3'3	17 ^h 11'11	9 ^h 0'0	27 ^h 41'41	17 ^h 52'52	16 ^h 43'43	25 ^h 57'57	16 ^h 48'48
F 31	2 37 44	7 ^h 14'137	8 ^h 11'17	5 ^h 11'36	1 ^h 19'48	5 ^h 1'24	5 ^h 1'14	9 ^h 11'11	17 ^h 13'13	8 ^h 58'58	27 ^h 41'41	17 ^h 54'54	16 ^h 40'40	26 ^h 1'1	16 ^h 51'51

SWISS EPHEMERIS for the year 2042

NOVEMBER 2042

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	2 41 41	8♉41'36	22♊51	7♉15	19°R27	6♉ 8	5♉27	9♉18	17°Ω14	8°R57	27°R41	17°R46	16°Υ36	26°Ω10	16°Ω54
S 2	2 45 37	9°41'36	7♊ 0	8°53	19°Ω 8	6°51	5°39	9°25	17°15	8°Ω55	27°Ω41	17°Υ43	16°33	26°17	16°57
M 3	2 49 34	10°41'38	20°40	10°31	18°52	7°35	5°52	9°32	17°16	8°53	27°40	17°41	16°30	26°23	17° 0
T 4	2 53 30	11°41'43	3♊52	12° 9	18°38	8°18	6° 5	9°40	17°17	8°52	27°40	17°40	16°27	26°30	17° 3
W 5	2 57 27	12°41'49	16°40	13°46	18°26	9° 2	6°18	9°47	17°18	8°50	27°40	17°D40	16°24	26°36	17° 5
T 6	3 1 23	13°41'58	29° 6	15°23	18°17	9°46	6°31	9°54	17°19	8°48	27°40	17°41	16°21	26°43	17° 8
F 7	3 5 20	14°42'09	11♊15	16°59	18°10	10°29	6°44	10° 1	17°20	8°47	27°40	17°42	16°17	26°50	17°10
S 8	3 9 17	15°42'22	23°13	18°35	18° 6	11°13	6°56	10° 8	17°21	8°45	27°40	17°44	16°14	26°56	17°13
S 9	3 13 13	16°42'36	5♊ 4	20°10	18°D 5	11°57	7° 9	10°16	17°22	8°43	27°40	17°46	16°11	27° 3	17°15
M10	3 17 10	17°42'53	16°50	21°45	18° 5	12°41	7°22	10°23	17°22	8°42	27°40	17°R46	16° 8	27°10	17°17
T11	3 21 6	18°43'11	28°37	23°20	18° 9	13°25	7°36	10°30	17°23	8°40	27°D40	17°46	16° 5	27°16	17°19
W12	3 25 3	19°43'32	10♊26	24°55	18°14	14° 9	7°49	10°37	17°24	8°38	27°40	17°43	16° 2	27°23	17°21
T13	3 28 59	20°43'54	22°21	26°29	18°22	14°53	8° 2	10°44	17°24	8°37	27°40	17°40	15°58	27°30	17°23
F14	3 32 56	21°44'18	4♊22	28° 3	18°32	15°38	8°15	10°52	17°25	8°35	27°40	17°34	15°55	27°36	17°25
S15	3 36 52	22°44'43	16°31	29°36	18°44	16°22	8°28	10°59	17°25	8°33	27°40	17°28	15°52	27°43	17°26
S16	3 40 49	23°45'11	28°50	1♊10	18°59	17° 6	8°41	11° 6	17°26	8°32	27°40	17°21	15°49	27°50	17°28
M17	3 44 46	24°45'39	11♊20	2°43	19°15	17°51	8°55	11°13	17°26	8°30	27°40	17°15	15°46	27°56	17°29
T18	3 48 42	25°46'09	24° 3	4°15	19°34	18°35	9° 8	11°20	17°26	8°29	27°40	17° 9	15°42	28° 3	17°31
W19	3 52 39	26°46'40	7♊ 0	5°48	19°54	19°20	9°21	11°27	17°27	8°27	27°41	17° 5	15°39	28°10	17°32
T20	3 56 35	27°47'13	20°15	7°20	20°17	20° 4	9°34	11°34	17°27	8°25	27°41	17° 4	15°36	28°16	17°33
F21	4 0 32	28°47'46	3♊48	8°52	20°41	20°49	9°48	11°41	17°27	8°24	27°41	17°D 3	15°33	28°23	17°34
S22	4 4 28	29°48'21	17°41	10°24	21° 7	21°34	10° 1	11°48	17°27	8°22	27°41	17° 4	15°30	28°29	17°35
S23	4 8 25	0♊48'57	1°Υ55	11°56	21°34	22°19	10°15	11°55	17°R27	8°21	27°42	17° 6	15°27	28°36	17°36
M24	4 12 21	1°49'34	16°28	13°27	22° 4	23° 3	10°28	12° 2	17°27	8°19	27°42	17°R 6	15°23	28°43	17°36
T25	4 16 18	2°50'13	1♊18	14°59	22°35	23°48	10°41	12° 9	17°27	8°18	27°42	17° 6	15°20	28°49	17°37
W26	4 20 15	3°50'52	16°17	16°30	23° 7	24°33	10°55	12°16	17°27	8°16	27°43	17° 3	15°17	28°56	17°37
T27	4 24 11	4°51'33	1♊19	18° 0	23°41	25°18	11° 8	12°23	17°26	8°15	27°43	16°57	15°14	29° 3	17°38
F28	4 28 8	5°52'15	16°13	19°31	24°16	26° 3	11°22	12°30	17°26	8°13	27°44	16°50	15°11	29° 9	17°38
S29	4 32 4	6°52'59	0♊51	21° 1	24°53	26°48	11°35	12°37	17°26	8°12	27°44	16°42	15° 8	29°16	17°38
S30	4 36 1	7♊53'44	15♊ 7	22♊31	25°Ω31	27°Ω33	11♊49	12♊43	17°Ω25	8°Ω10	27°Ω45	16°Υ34	15°Υ 4	29°Ω23	17°R38

Delta T = 108.97 sec.

DECEMBER 2042

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	4 39 57	8♊54'30	28♊55	24♊ 0	26°Ω10	28°Ω19	12°Ω 2	12°Ω50	17°R25	8°R 9	27°Ω45	16°R26	15°Υ 1	29°Ω29	17°R38
T 2	4 43 54	9°55'18	12♊14	25°29	26°51	29° 4	12°16	12°57	17°Ω24	8°Ω 8	27°46	16°Υ21	14°58	29°36	17°Ω38
W 3	4 47 50	10°56'08	25° 6	26°58	27°33	29°49	12°29	13° 3	17°24	8° 6	27°46	16°17	14°55	29°43	17°38
T 4	4 51 47	11°56'58	7♊36	28°26	28°15	0♊35	12°43	13°10	17°23	8° 5	27°47	16°D16	14°52	29°49	17°37
F 5	4 55 44	12°57'50	19°46	29°53	28°59	1°20	12°56	13°17	17°23	8° 4	27°47	16°16	14°48	29°56	17°37
S 6	4 59 40	13°58'43	1♊43	1♊20	29°44	2° 5	13°10	13°23	17°22	8° 2	27°48	16°17	14°45	0♊ 3	17°36
S 7	5 3 37	14°59'38	13°32	2°46	0♊30	2°51	13°23	13°30	17°21	8° 1	27°49	16°R17	14°42	0° 9	17°36
M 8	5 7 33	16° 0'34	25°18	4°11	1°17	3°37	13°37	13°36	17°20	8° 0	27°49	16°17	14°39	0°16	17°35
T 9	5 11 30	17° 1'31	7♊ 5	5°34	2° 5	4°22	13°50	13°43	17°20	7°59	27°50	16°14	14°36	0°23	17°34
W10	5 15 26	18° 2'29	18°59	6°57	2°54	5° 8	14° 4	13°49	17°19	7°57	27°51	16° 9	14°33	0°29	17°33
T11	5 19 23	19° 3'29	1♊ 1	8°18	3°44	5°54	14°17	13°56	17°18	7°56	27°52	16° 2	14°29	0°36	17°32
F12	5 23 19	20° 4'29	13°14	9°37	4°34	6°39	14°31	14° 2	17°17	7°55	27°53	15°51	14°26	0°42	17°31
S13	5 27 16	21° 5'31	25°38	10°53	5°26	7°25	14°44	14° 8	17°16	7°54	27°53	15°39	14°23	0°49	17°29
S14	5 31 13	22° 6'33	8♊14	12° 8	6°18	8°11	14°57	14°14	17°14	7°53	27°54	15°27	14°20	0°56	17°28
M15	5 35 9	23° 7'36	21° 3	13°19	7°10	8°57	15°11	14°21	17°13	7°52	27°55	15°14	14°17	1° 2	17°27
T16	5 39 6	24° 8'39	4♊ 3	14°27	8° 4	9°43	15°24	14°27	17°12	7°51	27°56	15° 4	14°14	1° 9	17°25
W17	5 43 2	25° 9'43	17°14	15°31	8°58	10°29	15°38	14°33	17°11	7°50	27°57	14°56	14°10	1°16	17°23
T18	5 46 59	26°10'47	0♊37	16°31	9°53	11°15	15°51	14°39	17°10	7°49	27°58	14°50	14° 7	1°22	17°21
F19	5 50 55	27°11'52	14°11	17°25	10°48	12° 1	16° 5	14°45	17° 8	7°48	27°59	14°48	14° 4	1°29	17°19
S20	5 54 52	28°12'57	27°58	18°13	11°44	12°47	16°18	14°51	17° 7	7°47	28° 0	14°D47	14° 1	1°36	17°18
S21	5 58 49	29°14'02	11°Υ59	18°55	12°41	13°33	16°31	14°57	17° 5	7°46	28° 1	14°R47	13°58	1°42	17°15
M22	6 2 45	0♊15'08	26°13	19°29	13°38	14°20	16°45	15° 2	17° 4	7°45	28° 2	14°47	13°54	1°49	17°13
T23	6 6 42	1°16'13	10♊38	19°54	14°35	15° 6	16°58	15° 8	17° 2	7°44	28° 3	14°45	13°51	1°56	17°11
W24	6 10 38	2°17'19	25°12	20°10	15°33	15°52	17°11	15°14	17° 1	7°43	28° 4	14°40	13°48	2° 2	17° 9
T25	6 14 35	3°18'25	9♊50	20°R16	16°32	16°39	17°25	15°20	16°59	7°42	28° 5	14°32	13°45	2° 9	17° 6
F26	6 18 31	4°19'32	24°25	20°11	17°31	17°25	17°38	15°25	16°57	7°42	28° 6	14°22	13°42	2°16	17° 4
S27	6 22 28	5°20'39	8♊50	19°54	18°31	18°11	17°51	15°31	16°56	7°41	28° 7	14° 9	13°39	2°22	17° 1
S28	6 26 24	6°21'46	22°58	19°25	19°31	18°58	18° 4	15°36	16°54	7°40	28° 8	13°57	13°35	2°29	16°58
M29	6 30 21	7°22'53	6♊43	18°45	20°32	19°44	18°18	15°41	16°52	7°39	28°10	13°45	13°32	2°36	16°55
T30	6 34 18	8°24'01	20° 3	17°53	21°33	20°31	18°31	15°47	16°50	7°39	28°11	13°36	13°29	2°42	16°53
W31	6 38 14	9♊25'09	2♊58	16°Ω52	22°Ω34	21°Ω17	18°Ω44	15°Ω52	16°Ω48	7°Ω38	28°Ω12	13°Υ29	13°Υ26	2♊49	16°Ω50

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