

SWISS EPHEMERIS for the year 2066

JANUARY 2066

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	6 43 55	10°52'14	12°25'	5°34'	12°37'	26°41'	1°15'	26°R58	3°49'	0°R22	26°52'	18°32'	18°31'	9°11'	16°28'
S 2	6 47 51	11°53'24	25°30'	6°39'	13°52'	27°23'	1°26'	26°55'	3°52'	0°21'	26°52'	18°33'	18°28'	9°8'	16°30'
S 3	6 51 48	12°54'33	8°11'	8°14'	15°8'	28°4'	1°38'	26°52'	3°55'	0°19'	26°53'	18°R33'	18°25'	9°14'	16°32'
M 4	6 55 44	13°55'42	20°33'	9°49'	16°23'	28°46'	1°49'	26°50'	3°58'	0°17'	26°53'	18°33'	18°22'	9°21'	16°34'
T 5	6 59 41	14°56'51	2°40'	11°25'	17°39'	29°28'	2°1'	26°47'	4°1'	0°16'	26°54'	18°33'	18°18'	9°28'	16°36'
W 6	7 3 37	15°58'00	14°37'	13°1'	18°54'	0°19'	2°12'	26°44'	4°4'	0°14'	26°55'	18°2'	18°15'	9°34'	16°39'
T 7	7 7 34	16°59'08	26°28'	14°37'	20°10'	0°51'	2°23'	26°41'	4°7'	0°12'	26°55'	18°2'	18°12'	9°41'	16°41'
F 8	7 11 31	18°0'16	8°11'	16°14'	21°25'	1°33'	2°34'	26°37'	4°10'	0°11'	26°56'	18°D2'	18°9'	9°48'	16°43'
S 9	7 15 27	19°1'24	20°7'	17°51'	22°40'	2°14'	2°45'	26°34'	4°13'	0°9'	26°57'	18°2'	18°6'	9°54'	16°45'
S 10	7 19 24	20°2'32	2°2'	19°28'	23°56'	2°56'	2°56'	26°31'	4°16'	0°8'	26°57'	18°2'	18°33'	10°1'	16°48'
M 11	7 23 20	21°3'39	14°4'	21°6'	25°11'	3°38'	3°7'	26°27'	4°19'	0°6'	26°58'	18°R33'	17°59'	10°8'	16°50'
T 12	7 27 17	22°4'46	26°14'	22°45'	26°27'	4°19'	3°18'	26°24'	4°22'	0°4'	26°59'	18°2'	17°56'	10°14'	16°53'
W 13	7 31 13	23°5'52	8°13'	24°24'	27°42'	5°1'	3°29'	26°20'	4°24'	0°3'	27°0'	18°2'	17°53'	10°21'	16°55'
T 14	7 35 10	24°6'59	21°6'	26°3'	28°58'	5°43'	3°40'	26°17'	4°27'	0°1'	27°0'	18°2'	17°50'	10°28'	16°58'
F 15	7 39 7	25°8'05	3°10'	27°43'	0°13'	6°24'	3°50'	26°13'	4°30'	0°0'	27°1'	18°1'	17°47'	10°34'	17°0'
S 16	7 43 3	26°9'10	16°47'	29°23'	1°28'	7°6'	4°1'	26°9'	4°33'	29°11'	27°2'	18°0'	17°44'	10°41'	17°3'
S 17	7 47 0	27°10'16	29°59'	1°44'	2°44'	7°48'	4°11'	26°5'	4°35'	29°57'	27°3'	17°59'	17°40'	10°48'	17°5'
M 18	7 50 56	28°11'21	13°27'	2°45'	3°59'	8°29'	4°21'	26°1'	4°38'	29°55'	27°4'	17°58'	17°37'	10°54'	17°8'
T 19	7 54 53	29°12'26	27°11'	4°27'	5°15'	9°11'	4°32'	25°57'	4°40'	29°54'	27°5'	17°D57'	17°34'	11°1'	17°11'
W 20	7 58 49	0°13'31	11°10'	6°9'	6°30'	9°53'	4°42'	25°53'	4°43'	29°52'	27°6'	17°58'	17°31'	11°8'	17°13'
T 21	8 2 46	1°14'35	25°25'	7°51'	7°45'	10°35'	4°52'	25°49'	4°45'	29°51'	27°6'	17°58'	17°28'	11°14'	17°16'
F 22	8 6 42	2°15'40	9°15'	9°34'	9°1'	11°16'	5°2'	25°45'	4°48'	29°50'	27°7'	17°59'	17°24'	11°21'	17°19'
S 23	8 10 39	3°16'44	24°32'	11°17'	10°16'	11°58'	5°11'	25°40'	4°50'	29°48'	27°8'	18°1'	17°21'	11°28'	17°22'
S 24	8 14 36	4°17'47	9°13'	13°0'	11°32'	12°40'	5°21'	25°36'	4°52'	29°47'	27°9'	18°1'	17°18'	11°34'	17°25'
M 25	8 18 32	5°18'50	23°55'	14°44'	12°47'	13°21'	5°31'	25°32'	4°55'	29°46'	27°10'	18°R2'	17°15'	11°41'	17°28'
T 26	8 22 29	6°19'52	8°27'	16°27'	14°2'	14°3'	5°40'	25°27'	4°57'	29°44'	27°11'	18°1'	17°12'	11°48'	17°31'
W 27	8 26 25	7°20'53	22°44'	18°11'	15°18'	14°45'	5°49'	25°23'	4°59'	29°43'	27°12'	17°59'	17°9'	11°55'	17°34'
T 28	8 30 22	8°21'54	6°14'	19°54'	16°33'	15°26'	5°59'	25°18'	5°1'	29°42'	27°14'	17°56'	17°5'	12°1'	17°37'
F 29	8 34 18	9°22'53	20°15'	21°37'	17°48'	16°8'	6°8'	25°14'	5°3'	29°41'	27°15'	17°53'	17°2'	12°8'	17°40'
S 30	8 38 15	10°23'51	3°10'	23°20'	19°3'	16°49'	6°17'	25°9'	5°5'	29°39'	27°16'	17°49'	16°59'	12°15'	17°43'
S 31	8 42 11	11°24'47	16°13'	25°1'	20°19'	17°31'	6°26'	25°4'	5°8'	29°11'	27°17'	17°34'	16°56'	12°11'	17°46'

Delta T = 150.24 sec.

FEBRUARY 2066

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	8 46 8	12°25'43	28°13'	26°41'	21°34'	18°13'	6°34'	25°R0'	5°11'	29°R37'	27°18'	17°R45'	16°53'	12°11'	17°49'
T 2	8 50 5	13°26'38	10°49'	28°20'	22°49'	18°54'	6°43'	24°55'	5°11'	29°11'	27°19'	17°D44'	16°50'	12°35'	17°52'
W 3	8 54 1	14°27'31	22°47'	29°57'	24°5'	19°36'	6°52'	24°50'	5°13'	29°35'	27°20'	17°344'	16°46'	12°41'	17°56'
T 4	8 57 58	15°28'22	4°11'	1°32'	25°20'	20°17'	7°0'	24°46'	5°15'	29°34'	27°22'	17°45'	16°43'	12°48'	17°59'
F 5	9 1 54	16°29'13	16°26'	3°4'	26°35'	20°59'	7°8'	24°41'	5°17'	29°33'	27°23'	17°47'	16°40'	12°55'	18°2'
S 6	9 5 51	17°30'02	28°18'	4°33'	27°50'	21°41'	7°16'	24°36'	5°19'	29°32'	27°24'	17°49'	16°37'	13°1'	18°5'
S 7	9 9 47	18°30'50	10°16'	5°58'	29°5'	22°22'	7°25'	24°31'	5°20'	29°31'	27°25'	17°50'	16°34'	13°8'	18°9'
M 8	9 13 44	19°31'36	22°25'	7°18'	0°20'	23°4'	7°32'	24°26'	5°22'	29°30'	27°26'	17°R50'	16°30'	13°15'	18°12'
T 9	9 17 40	20°32'21	4°14'	8°33'	1°36'	23°45'	7°40'	24°21'	5°24'	29°29'	27°28'	17°49'	16°27'	13°21'	18°15'
W 10	9 21 37	21°33'05	17°24'	9°42'	2°51'	24°27'	7°48'	24°17'	5°25'	29°28'	27°29'	17°46'	16°24'	13°28'	18°19'
T 11	9 25 34	22°33'47	0°16'	10°44'	4°6'	25°8'	7°55'	24°12'	5°27'	29°27'	27°30'	17°41'	16°21'	13°35'	18°22'
F 12	9 29 30	23°34'28	13°24'	11°39'	5°21'	25°49'	8°3'	24°7'	5°28'	29°26'	27°32'	17°35'	16°18'	13°41'	18°26'
S 13	9 33 27	24°35'07	26°46'	12°25'	6°36'	26°31'	8°10'	24°2'	5°29'	29°25'	27°33'	17°29'	16°15'	13°48'	18°29'
S 14	9 37 23	25°35'46	10°20'	13°3'	7°51'	27°12'	8°17'	23°57'	5°31'	29°24'	27°34'	17°23'	16°11'	13°55'	18°32'
M 15	9 41 20	26°36'23	24°4'	13°31'	9°6'	27°54'	8°24'	23°52'	5°32'	29°24'	27°35'	17°18'	16°8'	14°1'	18°36'
T 16	9 45 16	27°36'59	7°15'	13°49'	10°21'	28°35'	8°31'	23°47'	5°33'	29°23'	27°37'	17°14'	16°5'	14°8'	18°39'
W 17	9 49 13	28°37'34	21°58'	13°R57'	11°36'	29°16'	8°37'	23°42'	5°34'	29°22'	27°38'	17°12'	16°2'	14°15'	18°43'
T 18	9 53 9	29°38'08	6°14'	13°54'	12°51'	29°58'	8°44'	23°38'	5°36'	29°21'	27°40'	17°D12'	15°59'	14°21'	18°46'
F 19	9 57 6	0°38'41	20°15'	13°41'	14°6'	0°39'	8°50'	23°33'	5°37'	29°21'	27°41'	17°13'	15°56'	14°28'	18°50'
S 20	10 1 3	1°39'12	4°23'	13°18'	15°21'	1°20'	8°56'	23°28'	5°38'	29°20'	27°42'	17°15'	15°52'	14°35'	18°54'
S 21	10 4 59	2°39'43	18°43'	12°46'	16°36'	2°1'	9°2'	23°23'	5°39'	29°20'	27°44'	17°R15'	15°49'	14°41'	18°57'
M 22	10 8 56	3°40'11	2°55'	12°5'	17°51'	2°43'	9°8'	23°18'	5°40'	29°19'	27°45'	17°14'	15°46'	14°48'	19°1'
T 23	10 12 52	4°40'39	17°2'	11°16'	19°5'	3°24'	9°14'	23°14'	5°40'	29°19'	27°47'	17°11'	15°43'	14°55'	19°4'
W 24	10 16 49	5°41'04	0°15'	10°21'	20°20'	4°5'	9°20'	23°9'	5°41'	29°18'	27°48'	17°5'	15°40'	15°1'	19°8'
T 25	10 20 45	6°41'29	14°42'	9°21'	21°35'	4°46'	9°25'	23°4'	5°42'	29°18'	27°49'	16°57'	15°36'	15°8'	19°12'
F 26	10 24 42	7°41'51	28°7'	8°18'	22°50'	5°27'	9°30'	23°0'	5°43'	29°17'	27°51'	16°48'	15°33'	15°15'	19°15'
S 27	10 28 38	8°42'11	11°13'	7°13'	24°5'	6°8'	9°35'	22°55'	5°43'	29°17'	27°52'	16°39'	15°30'	15°21'	19°19'
S 28	10 32 35	9°42'30	23°15'	6°14'	25°19'	6°50'	9°40'	22°50'	5°44'	29°16'	27°54'	16°30'	15°27'	15°11'	19°23'

Delta T = 150.39 sec.

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SWISS EPHEMERIS for the year 2066

MARCH 2066

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	10 36 31	10 ^h 42'47"	6 ^h 27'	5°R 6	26 ^h 34'	7 ^h 31'	9 ^h 45'	22°R46	5 ^h 44'	29°R16	27 ^h 55'	16°R23	15 ^h 24'	15 ^h 35'	19 ^h 26'
T 2	10 40 28	11°43'02"	18°38'	4 ^h 5	27°49'	8°12'	9°50'	22°R41	5°45'	29°R16	27°57'	16°R18	15°21'	15°41'	19°30'
W 3	10 44 25	12°43'15"	0 ^h 37'	3° 9	29° 3	8°53'	9°54'	22°37'	5°45'	29°16	27°58'	16°15'	15°17'	15°48'	19°34'
T 4	10 48 21	13°43'26"	12°28'	2°18'	0 ^h Y18	9°34'	9°58'	22°33'	5°46'	29°15	28° 0	16°D14	15°14'	15°55'	19°37'
F 5	10 52 18	14°43'34"	24°17'	1°32'	1°33'	10°15'	10° 2	22°28'	5°46'	29°15	28° 1	16°14'	15°11'	16° 1	19°41'
S 6	10 56 14	15°43'41"	6 ^h 28'	0°53'	2°47'	10°56'	10° 6	22°24'	5°46'	29°15	28° 3	16°15'	15° 8	16° 8	19°45'
S 7	11 0 11	16°43'46"	18° 8	0°21'	4° 2	11°37'	10°10'	22°20'	5°46'	29°15	28° 4	16°R15	15° 5	16°15'	19°48'
M 8	11 4 7	17°43'48"	0 ^h 21'	29°55'	5°16'	12°18'	10°13'	22°16'	5°47'	29°15	28° 6	16°14'	15° 2	16°21'	19°52'
T 9	11 8 4	18°43'49"	12°51'	29°36'	6°31'	12°58'	10°17'	22°11'	5°47'	29°15	28° 7	16°11'	14°58'	16°28'	19°56'
W10	11 12 0	19°43'47"	25°41'	29°24'	7°45'	13°39'	10°20'	22° 7	5°R47	29°D15	28° 9	16° 5	14°55'	16°34'	19°59'
T 11	11 15 57	20°43'44"	8 ^h 51'	29°D18	9° 0	14°20'	10°23'	22° 3	5°47'	29°15	28°10'	15°57'	14°52'	16°41'	20° 3
F 12	11 19 54	21°43'38"	22°22'	29°19'	10°14'	15° 1	10°26'	22° 0	5°47'	29°15	28°12'	15°47'	14°49'	16°48'	20° 7
S 13	11 23 50	22°43'30"	6 ^h 21'	29°25'	11°28'	15°42'	10°29'	21°56'	5°47'	29°15	28°13'	15°36'	14°46'	16°54'	20°10'
S 14	11 27 47	23°43'21"	20°13'	29°38'	12°43'	16°22'	10°31'	21°52'	5°46'	29°15	28°15'	15°25'	14°42'	17° 1	20°14'
M15	11 31 43	24°43'09"	4 ^h 24'	29°56'	13°57'	17° 3	10°33'	21°48'	5°46'	29°15	28°16'	15°15'	14°39'	17° 8	20°18'
T 16	11 35 40	25°42'57"	18°39'	0 ^h 19'	15°11'	17°44'	10°36'	21°45'	5°46'	29°15	28°18'	15° 8	14°36'	17°14'	20°22'
W17	11 39 36	26°42'42"	2 ^h 54'	0°47'	16°25'	18°25'	10°37'	21°41'	5°46'	29°16	28°19'	15° 3	14°33'	17°21'	20°25'
T 18	11 43 33	27°42'26"	17° 5	1°20'	17°40'	19° 5	10°39'	21°38'	5°45'	29°16	28°21'	15° 1	14°30'	17°28'	20°29'
F 19	11 47 29	28°42'08"	1 ^h 32'	1°57'	18°54'	19°46'	10°41'	21°34'	5°45'	29°16	28°22'	15°D 1	14°27'	17°34'	20°33'
S 20	11 51 26	29°41'48"	15°13'	2°38'	20° 8	20°26'	10°42'	21°31'	5°44'	29°16	28°24'	15°R 1	14°23'	17°41'	20°36'
S 21	11 55 23	0 ^h Y41'27"	29° 8	3°22'	21°22'	21° 7	10°43'	21°28'	5°44'	29°17	28°25'	15° 0	14°20'	17°48'	20°40'
M22	11 59 19	1°41'04"	12°55'	4°10'	22°36'	21°47'	10°44'	21°24'	5°43'	29°17	28°27'	14°58'	14°17'	17°54'	20°44'
T 23	12 3 16	2°40'39"	26°35'	5° 2	23°50'	22°28'	10°45'	21°21'	5°42'	29°18	28°29'	14°53'	14°14'	18° 1	20°47'
W24	12 7 12	3°40'13"	10 ^h 36'	5°57'	25° 4	23° 8	10°46'	21°18'	5°42'	29°18	28°30'	14°44'	14°11'	18° 8	20°51'
T 25	12 11 9	4°39'44"	23°26'	6°54'	26°18'	23°49'	10°46'	21°16'	5°41'	29°19	28°32'	14°33'	14° 7	18°14'	20°54'
F 26	12 15 5	5°39'13"	6 ^h Y33'	7°55'	27°32'	24°29'	10°47'	21°13'	5°40'	29°19	28°33'	14°20'	14° 4	18°21'	20°58'
S 27	12 19 2	6°38'40"	19°25'	8°57'	28°46'	25°10'	10°R47	21°10'	5°39'	29°20	28°35'	14° 7	14° 1	18°28'	21° 2
S 28	12 22 58	7°38'06"	2 ^h 2	10° 3	0 ^h 0	25°50'	10°47'	21° 7	5°39'	29°20	28°36'	13°54'	13°58'	18°34'	21° 5
M29	12 26 55	8°37'29"	14°23'	11°11'	1°13'	26°31'	10°46'	21° 5	5°38'	29°21	28°38'	13°43'	13°55'	18°41'	21° 9
T 30	12 30 51	9°36'50"	26°31'	12°21'	2°27'	27°11'	10°46'	21° 3	5°37'	29°21	28°39'	13°34'	13°52'	18°48'	21°12'
W31	12 34 48	10°Y36'09"	8 ^h 28'	13°33'	3 ^h 41'	27°51'	10°45'	21°R 0	5°36'	29°R22	28°41'	13°R28	13°R48	18°R54	21°R16

Delta T = 150.54 sec.

APRIL 2066

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	12 38 45	11°Y35'25"	20°R19	14°47'	4 ^h 55'	28°R31	10°R44	20°R58	5°R34	29°R23	28°42'	13°R25	13°R45	19°R 1	21°R19
F 2	12 42 41	12°34'40"	2 ^h 6	16° 4	6° 8	29°12'	10°43'	20°R56	5°R33	29°24	28°44'	13°R24	13°42'	19° 8	21°23'
S 3	12 46 38	13°33'52"	13°57'	17°22'	7°22'	29°52'	10°42'	20°54'	5°32'	29°24	28°45'	13°24'	13°39'	19°14'	21°26'
S 4	12 50 34	14°33'01"	25°56'	18°42'	8°35'	0 ^h 32'	10°41'	20°52'	5°31'	29°25	28°47'	13°23'	13°36'	19°21'	21°30'
M 5	12 54 31	15°32'08"	8 ^h 21'	20° 4	9°49'	1°12'	10°39'	20°50'	5°30'	29°26	28°48'	13°22'	13°33'	19°28'	21°33'
T 6	12 58 27	16°31'13"	20°42'	21°27'	11° 2	1°52'	10°37'	20°48'	5°28'	29°27	28°50'	13°19'	13°29'	19°34'	21°37'
W 7	13 2 24	17°30'16"	3 ^h 37'	22°52'	12°16'	2°33'	10°35'	20°47'	5°27'	29°28	28°51'	13°13'	13°26'	19°41'	21°40'
T 8	13 6 20	18°29'17"	16°57'	24°19'	13°29'	3°13'	10°33'	20°45'	5°26'	29°29	28°52'	13° 4	13°23'	19°48'	21°43'
F 9	13 10 17	19°28'15"	0 ^h 43'	25°48'	14°42'	3°53'	10°31'	20°44'	5°24'	29°30	28°54'	12°53'	13°20'	19°54'	21°47'
S 10	13 14 14	20°27'11"	14°51'	27°18'	15°56'	4°33'	10°28'	20°43'	5°23'	29°31	28°55'	12°42'	13°17'	20° 1	21°50'
S 11	13 18 10	21°26'05"	29°18'	28°50'	17° 9	5°13'	10°25'	20°41'	5°21'	29°32	28°57'	12°30'	13°13'	20° 8	21°53'
M12	13 22 7	22°24'57"	13°55'	0 ^h Y24'	18°22'	5°53'	10°23'	20°40'	5°20'	29°33	28°58'	12°20'	13°10'	20°14'	21°57'
T 13	13 26 3	23°23'48"	28°37'	1°59'	19°35'	6°33'	10°20'	20°39'	5°18'	29°34	29° 0	12°12'	13° 7	20°21'	22° 0
W14	13 30 0	24°22'36"	13°14'	3°36'	20°48'	7°12'	10°16'	20°38'	5°16'	29°35	29° 1	12° 7	13° 4	20°28'	22° 3
T 15	13 33 56	25°21'23"	27°43'	5°14'	22° 1	7°52'	10°13'	20°38'	5°15'	29°36	29° 2	12° 4	13° 1	20°34'	22° 7
F 16	13 37 53	26°20'09"	12°3 0	6°54'	23°14'	8°32'	10° 9	20°37'	5°13'	29°38	29° 4	12°D 4	12°58'	20°41'	22°10'
S 17	13 41 49	27°18'52"	26° 2	8°35'	24°27'	9°12'	10° 6	20°36'	5°11'	29°39	29° 5	12°R 4	12°54'	20°48'	22°13'
S 18	13 45 46	28°17'34"	9°50'	10°18'	25°40'	9°52'	10° 2	20°36'	5° 9	29°40	29° 7	12° 3	12°51'	20°54'	22°16'
M19	13 49 43	29°16'14"	23°24'	12° 3	26°53'	10°32'	9°58'	20°36'	5° 8	29°41	29° 8	12° 1	12°48'	21° 1	22°19'
T 20	13 53 39	0 ^h 14'53"	6°46'	13°49'	28° 6	11°11'	9°53'	20°35'	5° 6	29°43	29° 9	11°57'	12°45'	21° 7	22°22'
W21	13 57 36	1°13'29"	19°55'	15°37'	29°19'	11°51'	9°49'	20°35'	5° 4	29°44	29°11'	11°49'	12°42'	21°14'	22°25'
T 22	14 1 32	2°12'04"	2°Y53'	17°27'	0 ^h 31'	12°31'	9°44'	20°D35	5° 2	29°45	29°12'	11°39'	12°39'	21°21'	22°28'
F 23	14 5 29	3°10'38"	15°38'	19°18'	1°44'	13°11'	9°40'	20°35'	5° 0	29°47	29°13'	11°28'	12°35'	21°27'	22°31'
S 24	14 9 25	4° 9'09"	28°12'	21°11'	2°57'	13°50'	9°35'	20°36'	4°58'	29°48	29°15'	11°16'	12°32'	21°34'	22°34'
S 25	14 13 22	5° 7'39"	10°R34'	23° 5	4° 9	14°30'	9°30'	20°36'	4°56'	29°49	29°16'	11° 4	12°29'	21°41'	22°37'
M26	14 17 18	6° 6'07"	22°45'	25° 1	5°22'	15° 9	9°25'	20°36'	4°54'	29°51	29°17'	10°54'	12°26'	21°47'	22°40'
T 27	14 21 15	7° 4'32"	4°46'	26°59'	6°34'	15°49'	9°19'	20°37'	4°52'	29°52	29°18'	10°46'	12°23'	21°54'	22°43'
W28	14 25 11	8° 2'56"	16°39'	28°58'	7°47'	16°29'	9°14'	20°37'	4°50'	29°54	29°20'	10°40'	12°19'	22° 1	22°46'
T 29	14 29 8	9° 1'18"	28°27'	0 ^h 59'	8°59'	17° 8	9° 8	20°38'	4°47'	29°55	29°21'	10°37'	12°16'	22° 7	22°49'
F 30	14 33 5	9°59'38"	10°R14'	3 ^h 8	10°R11	17°R48	9°3 3	20°R39	4°45'	29°R57	29°R22	10°D37	12°R13	22°R14	22°R51

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SWISS EPHEMERIS for the year 2066

MAY 2066

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	14 37 1	10♌57'56	22♌4	5♌5	11♌23	18♌27	8♌R57	20♌40	4♌R43	29♌59	29♌23	10♌37	12♌10	22♌21	22♌54
S 2	14 40 58	11°56'12	4♌2	7°10	12°36	19°7	8♌51	20°41	4♌41	0♌0	29°25	10°38	12°7	22°27	22°57
M 3	14 44 54	12°54'26	16°14	9°16	13°48	19°46	8°45	20°42	4°39	0°2	29°26	10°R38	12°4	22°34	22°59
T 4	14 48 51	13°52'38	28°45	11°24	15°0	20°25	8°39	20°43	4°36	0°3	29°27	10°37	12°0	22°41	23°2
W 5	14 52 47	14°50'48	11♌38	13°32	16°12	21°5	8°32	20°45	4°34	0°5	29°28	10°34	11°57	22°47	23°5
T 6	14 56 44	15°48'55	24°59	15°42	17°24	21°44	8°26	20°46	4°32	0°7	29°29	10°28	11°54	22°54	23°7
F 7	15 0 40	16°47'01	8♌48	17°51	18°36	22°24	8°19	20°48	4°30	0°9	29°30	10°21	11°51	23°1	23°10
S 8	15 4 37	17°45'05	23°4	20°2	19°47	23°3	8°13	20°50	4°27	0°10	29°31	10°13	11°48	23°7	23°12
S 9	15 8 34	18°43'08	7♌43	22°12	20°59	23°42	8°6	20°51	4°25	0°12	29°32	10°5	11°44	23°14	23°15
M10	15 12 30	19°41'08	22°48	24°22	22°11	24°21	7°59	20°53	4°22	0°14	29°33	9°58	11°41	23°21	23°17
T 11	15 16 27	20°39'08	7♌40	26°32	23°22	25°1	7°52	20°55	4°20	0°16	29°35	9°53	11°38	23°27	23°19
W12	15 20 23	21°37'05	22°40	28°41	24°34	25°40	7°45	20°57	4°18	0°17	29°36	9°49	11°35	23°34	23°22
T 13	15 24 20	22°35'02	7♌30	0♌48	25°46	26°19	7°38	20°59	4°15	0°19	29°37	9°D48	11°32	23°41	23°24
F 14	15 28 16	23°32'57	22°4	2°55	26°57	26°58	7°31	21°2	4°13	0°21	29°38	9°49	11°29	23°47	23°26
S 15	15 32 13	24°30'50	6♌18	5°0	28°8	27°37	7°24	21°4	4°10	0°23	29°39	9°50	11°25	23°54	23°28
S 16	15 36 10	25°28'43	20°11	7°3	29°20	28°16	7°16	21°7	4°8	0°25	29°40	9°R51	11°22	24°0	23°30
M17	15 40 6	26°26'34	3♌44	9°4	0♌31	28°56	7°9	21°9	4°5	0°27	29°40	9°51	11°19	24°7	23°32
T 18	15 44 3	27°24'24	16°58	11°3	1°42	29°35	7°2	21°12	4°3	0°29	29°41	9°49	11°16	24°14	23°34
W19	15 47 59	28°22'13	29°55	12°59	2°53	0♌14	6°54	21°15	4°0	0°31	29°42	9°45	11°13	24°20	23°36
T 20	15 51 56	29°20'00	12°Y37	14°53	4°4	0°53	6°47	21°18	3°58	0°33	29°43	9°40	11°10	24°27	23°38
F 21	15 55 52	0♌17'47	25°6	16°44	5°15	1°32	6°39	21°20	3°56	0°35	29°44	9°34	11°6	24°34	23°40
S 22	15 59 49	1°15'32	7♌23	18°32	6°26	2°11	6°32	21°24	3°53	0°37	29°45	9°27	11°3	24°40	23°42
S 23	16 3 45	2°13'16	19°32	20°17	7°37	2°50	6°24	21°27	3°51	0°39	29°46	9°20	11°0	24°47	23°44
M24	16 7 42	3°10'59	1♌11	21°59	8°47	3°29	6°16	21°30	3°48	0°41	29°47	9°14	10°57	24°54	23°46
T 25	16 11 39	4°8'41	13°25	23°39	9°58	4°8	6°9	21°33	3°46	0°43	29°47	9°10	10°54	25°0	23°47
W26	16 15 35	5°6'21	25°14	25°15	11°9	4°47	6°1	21°37	3°43	0°45	29°48	9°7	10°50	25°7	23°49
T 27	16 19 32	6°4'00	7♌1	26°48	12°19	5°26	5°54	21°40	3°41	0°47	29°49	9°D6	10°47	25°14	23°51
F 28	16 23 28	7°1'38	18°48	28°17	13°30	6°4	5°46	21°44	3°38	0°49	29°50	9°7	10°44	25°20	23°52
S 29	16 27 25	7°59'15	0♌39	29°44	14°40	6°43	5°38	21°48	3°36	0°51	29°50	9°8	10°41	25°27	23°54
S 30	16 31 21	8°56'50	12°39	1♌7	15°50	7°22	5°31	21°51	3°33	0°53	29°51	9°10	10°38	25°34	23°55
M31	16 35 18	9♌54'23	24♌51	2♌27	17♌0	8♌1	5♌23	21♌55	3♌31	0♌55	29♌52	9♌11	10♌35	25♌40	23♌57

Delta T = 150.85 sec.

JUNE 2066

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	16 39 14	10♌51'55	7♌20	3♌44	18♌10	8♌40	5°R15	21♌59	3°R28	0♌57	29♌52	9°R12	10♌31	25♌47	23♌58
W 2	16 43 11	11°49'26	20°11	4°57	19°20	9°19	5°8	22°3	3°26	0°59	29°53	9°12	10°28	25°54	23°59
T 3	16 47 8	12°46'56	3♌27	6°7	20°30	9°57	5°0	22°7	3°23	1°1	29°54	9°10	10°25	26°0	24°1
F 4	16 51 4	13°44'24	17°10	7°13	21°40	10°36	4°53	22°12	3°21	1°4	29°54	9°8	10°22	26°7	24°2
S 5	16 55 1	14°41'51	1♌22	8°16	22°50	11°15	4°45	22°16	3°18	1°6	29°55	9°5	10°19	26°13	24°3
S 6	16 58 57	15°39'17	15°58	9°15	23°59	11°53	4°38	22°20	3°16	1°8	29°55	9°2	10°16	26°20	24°4
M 7	17 2 54	16°36'41	0♌56	10°10	25°9	12°32	4°31	22°25	3°13	1°10	29°56	8°59	10°12	26°27	24°5
T 8	17 6 50	17°34'05	16°5	11°2	26°18	13°11	4°23	22°29	3°11	1°12	29°56	8°57	10°9	26°33	24°6
W 9	17 10 47	18°31'28	1♌17	11°49	27°27	13°49	4°16	22°34	3°9	1°14	29°57	8°56	10°6	26°40	24°7
T 10	17 14 44	19°28'51	16°22	12°33	28°37	14°28	4°9	22°39	3°6	1°17	29°57	8°D56	10°3	26°47	24°8
F 11	17 18 40	20°26'12	1♌13	13°13	29°46	15°7	4°2	22°43	3°4	1°19	29°58	8°57	10°0	26°53	24°9
S 12	17 22 37	21°23'33	15°42	13°48	0♌55	15°45	3°55	22°48	3°2	1°21	29°58	8°58	9°56	27°0	24°10
S 13	17 26 33	22°20'53	29°47	14°20	2°3	16°24	3°48	22°53	2°59	1°23	29°58	8°59	9°53	27°7	24°11
M14	17 30 30	23°18'13	13♌27	14°46	3°12	17°3	3°41	22°58	2°57	1°25	29°59	9°0	9°50	27°13	24°11
T 15	17 34 26	24°15'33	26°42	15°9	4°21	17°41	3°34	23°3	2°55	1°28	29°59	9°R0	9°47	27°20	24°12
W16	17 38 23	25°12'52	9°Y36	15°27	5°29	18°20	3°28	23°8	2°53	1°30	0°Y0	9°0	9°44	27°27	24°13
T 17	17 42 19	26°10'11	22°11	15°41	6°38	18°58	3°21	23°14	2°50	1°32	0°0	8°58	9°41	27°33	24°13
F 18	17 46 16	27°7'29	4♌30	15°50	7°46	19°37	3°14	23°19	2°48	1°34	0°0	8°57	9°37	27°40	24°14
S 19	17 50 13	28°4'47	16°37	15°R54	8°54	20°15	3°8	23°24	2°46	1°37	0°0	8°55	9°34	27°47	24°14
S 20	17 54 9	29°2'05	28°35	15°54	10°2	20°54	3°2	23°30	2°44	1°39	0°1	8°54	9°31	27°53	24°14
M21	17 58 6	29°59'22	10♌27	15°49	11°10	21°32	2°56	23°35	2°42	1°41	0°1	8°53	9°28	28°0	24°15
T 22	18 2 2	0♌56'40	22°16	15°40	12°18	22°11	2°50	23°41	2°39	1°43	0°1	8°52	9°25	28°7	24°15
W23	18 5 59	1°53'56	4♌3	15°27	13°25	22°49	2°44	23°46	2°37	1°46	0°1	8°D52	9°22	28°13	24°15
T 24	18 9 55	2°51'12	15°51	15°10	14°33	23°28	2°38	23°52	2°35	1°48	0°1	8°52	9°18	28°20	24°15
F 25	18 13 52	3°48'28	27°42	14°49	15°40	24°6	2°32	23°58	2°33	1°50	0°1	8°52	9°15	28°26	24°16
S 26	18 17 48	4°45'44	9♌39	14°24	16°48	24°44	2°27	24°4	2°31	1°52	0°2	8°52	9°12	28°33	24°16
S 27	18 21 45	5°42'58	21°45	13°56	17°55	25°23	2°21	24°10	2°29	1°55	0°2	8°53	9°9	28°40	24°R16
M28	18 25 42	6°40'13	4♌3	13°26	19°1	26°1	2°16	24°15	2°27	1°57	0°2	8°53	9°6	28°46	24°16
T 29	18 29 38	7°37'26	16°35	12°53	20°8	26°40	2°11	24°21	2°26	1°59	0°2	8°53	9°2	28°53	24°15
W30	18 33 35	8♌34'40	29♌26	12♌19	21♌15	27♌18	2♌7	24♌27	2♌24	2♌1	0°R2	8♌53	8♌59	29♌0	24♌15

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SWISS EPHEMERIS for the year 2066

JULY 2066

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	18 37 31	9°31'52	12°38	11°R43	22°21	27°56	2°R 1	24°34	2°R22	2°3	0°R 2	8°53	8°56	29°II 6	24°R15
F 2	18 41 28	10°29'05	26°14	11°57	23°27	28°35	1°57	24°40	2°20	2°6	0°Y 2	8°53	8°53	29°13	24°H15
S 3	18 45 24	11°26'17	10°15	10°31	24°34	29°13	1°52	24°46	2°18	2°8	0°2	8°54	8°50	29°20	24°14
S 4	18 49 21	12°23'29	24°40	9°55	25°39	29°51	1°48	24°52	2°17	2°10	0°1	8°54	8°47	29°26	24°14
M 5	18 53 17	13°20'40	9°25	9°21	26°45	0°30	1°44	24°59	2°15	2°12	0°1	8°54	8°43	29°33	24°14
T 6	18 57 14	14°17'51	24°26	8°49	27°51	1°8	1°40	25°5	2°13	2°14	0°1	8°55	8°40	29°40	24°13
W 7	19 1 11	15°15'03	9°35	8°19	28°56	1°46	1°36	25°11	2°12	2°17	0°1	8°R55	8°37	29°46	24°13
T 8	19 5 7	16°12'14	24°43	7°52	0°1	2°25	1°32	25°18	2°10	2°19	0°1	8°54	8°34	29°53	24°12
F 9	19 9 4	17°9'25	9°40	7°29	1°6	3°3	1°29	25°24	2°9	2°21	0°1	8°54	8°31	0°0	24°11
S 10	19 13 0	18°6'36	24°19	7°9	2°11	3°41	1°25	25°31	2°7	2°23	0°0	8°53	8°28	0°6	24°11
S 11	19 16 57	19°3'48	8°34	6°54	3°15	4°19	1°22	25°37	2°6	2°25	0°0	8°52	8°24	0°13	24°10
M 12	19 20 53	20°1'00	22°23	6°44	4°20	4°58	1°19	25°44	2°4	2°28	0°0	8°51	8°21	0°19	24°9
T 13	19 24 50	20°58'13	5°45	6°38	5°24	5°36	1°16	25°51	2°3	2°30	0°0	8°50	8°18	0°26	24°8
W 14	19 28 47	21°55'26	18°41	6°D37	6°27	6°14	1°14	25°58	2°2	2°32	29°H59	8°D49	8°15	0°33	24°8
T 15	19 32 43	22°52'39	1°15	6°42	7°31	6°52	1°11	26°4	2°0	2°34	29°59	8°50	8°12	0°39	24°7
F 16	19 36 40	23°49'53	13°31	6°52	8°34	7°30	1°9	26°11	1°59	2°36	29°59	8°50	8°8	0°46	24°6
S 17	19 40 36	24°47'08	25°34	7°7	9°37	8°9	1°7	26°18	1°58	2°38	29°58	8°51	8°5	0°53	24°5
S 18	19 44 33	25°44'23	7°II27	7°28	10°40	8°47	1°5	26°25	1°57	2°40	29°58	8°53	8°2	0°59	24°3
M 19	19 48 29	26°41'39	19°15	7°55	11°43	9°25	1°3	26°32	1°56	2°42	29°58	8°54	7°59	1°6	24°2
T 20	19 52 26	27°38'56	1°2	8°27	12°45	10°3	1°1	26°39	1°55	2°44	29°57	8°55	7°56	1°13	24°1
W 21	19 56 22	28°36'13	12°51	9°4	13°47	10°42	1°0	26°46	1°54	2°46	29°57	8°R55	7°53	1°19	24°0
T 22	20 0 19	29°33'31	24°43	9°47	14°49	11°20	0°59	26°53	1°53	2°49	29°56	8°54	7°49	1°26	23°59
F 23	20 4 16	0°30'49	6°43	10°35	15°51	11°58	0°58	27°0	1°52	2°51	29°56	8°52	7°46	1°33	23°57
S 24	20 8 12	1°28'08	18°51	11°29	16°52	12°36	0°57	27°7	1°51	2°53	29°55	8°50	7°43	1°39	23°56
S 25	20 12 9	2°25'27	1°9	12°28	17°53	13°14	0°56	27°14	1°50	2°55	29°55	8°46	7°40	1°46	23°54
M 26	20 16 5	3°22'46	13°39	13°32	18°53	13°52	0°56	27°22	1°49	2°57	29°54	8°42	7°37	1°53	23°53
T 27	20 20 2	4°20'06	26°22	14°42	19°54	14°31	0°55	27°29	1°49	2°59	29°53	8°39	7°34	1°59	23°51
W 28	20 23 58	5°17'27	9°21	15°56	20°54	15°9	0°D55	27°36	1°48	3°1	29°53	8°36	7°30	2°6	23°50
T 29	20 27 55	6°14'48	22°35	17°15	21°53	15°47	0°55	27°43	1°47	3°2	29°52	8°34	7°27	2°12	23°48
F 30	20 31 51	7°12'09	6°18	18°39	22°52	16°25	0°55	27°51	1°47	3°4	29°52	8°D33	7°24	2°19	23°47
S 31	20 35 48	8°9'31	19°15	20°28	23°51	17°3	0°56	27°58	1°46	3°6	29°51	8°33	7°21	2°26	23°45

Delta T = 151.16 sec.

AUGUST 2066

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	20 39 45	9°6'54	4°10	21°41	24°50	17°41	0°56	28°8	1°R46	3°8	29°R50	8°35	7°18	2°32	23°R43
M 2	20 43 41	10°4'17	18°37	23°18	25°48	18°20	0°57	28°13	1°45	3°10	29°H50	8°36	7°14	2°39	23°H41
T 3	20 47 38	11°1'40	3°20	25°0	26°45	18°58	0°58	28°20	1°45	3°12	29°49	8°R37	7°11	2°46	23°40
W 4	20 51 34	11°59'05	18°12	26°44	27°42	19°36	0°59	28°27	1°45	3°14	29°48	8°37	7°8	2°52	23°38
T 5	20 55 31	12°56'30	3°7	28°33	28°39	20°14	1°1	28°35	1°44	3°16	29°47	8°35	7°5	2°59	23°36
F 6	20 59 27	13°53'56	17°56	0°124	29°35	20°52	1°2	28°42	1°44	3°17	29°47	8°32	7°2	3°6	23°34
S 7	21 3 24	14°51'22	2°H33	2°18	0°31	21°30	1°4	28°50	1°44	3°19	29°46	8°27	6°59	3°12	23°32
S 8	21 7 20	15°48'50	16°49	4°14	1°27	22°8	1°6	28°57	1°44	3°21	29°45	8°21	6°55	3°19	23°30
M 9	21 11 17	16°46'19	0°Y42	6°13	2°21	22°46	1°8	29°5	1°44	3°23	29°44	8°16	6°52	3°26	23°28
T 10	21 15 14	17°43'49	14°8	8°13	3°16	23°25	1°10	29°12	1°D44	3°24	29°43	8°11	6°49	3°32	23°26
W 11	21 19 10	18°41'21	2°8	10°14	4°9	24°3	1°12	29°20	1°44	3°26	29°43	8°7	6°46	3°39	23°24
T 12	21 23 7	19°38'54	9°44	12°16	5°2	24°41	1°15	29°27	1°44	3°28	29°42	8°5	6°43	3°45	23°22
F 13	21 27 3	20°36'29	22°1	14°19	5°55	25°19	1°18	29°35	1°44	3°29	29°41	8°D4	6°40	3°52	23°19
S 14	21 31 0	21°34'04	4°II3	16°22	6°47	25°57	1°21	29°42	1°44	3°31	29°40	8°5	6°36	3°59	23°17
S 15	21 34 56	22°31'42	15°55	18°25	7°38	26°35	1°24	29°50	1°44	3°33	29°39	8°6	6°33	4°5	23°15
M 16	21 38 53	23°29'21	27°43	20°28	8°29	27°13	1°27	29°58	1°45	3°34	29°38	8°8	6°30	4°12	23°13
T 17	21 42 49	24°27'01	9°31	22°30	9°19	27°52	1°31	0°1	1°45	3°36	29°37	8°R8	6°27	4°19	23°10
W 18	21 46 46	25°24'43	21°22	24°32	10°9	28°30	1°34	0°13	1°45	3°37	29°36	8°7	6°24	4°25	23°8
T 19	21 50 43	26°22'26	3°122	26°33	10°57	29°8	1°38	0°20	1°46	3°39	29°35	8°4	6°20	4°32	23°5
F 20	21 54 39	27°20'11	15°32	28°32	11°45	29°46	1°42	0°28	1°46	3°40	29°34	7°59	6°17	4°39	23°3
S 21	21 58 36	28°17'56	27°54	0°1	12°33	0°1	1°46	0°36	1°47	3°42	29°33	7°52	6°14	4°45	23°1
S 22	22 2 32	29°15'44	10°1	2°29	13°19	1°2	1°50	0°43	1°47	3°43	29°32	7°43	6°11	4°52	22°58
M 23	22 6 29	0°13'32	23°19	4°25	14°4	1°40	1°55	0°51	1°48	3°45	29°31	7°34	6°8	4°59	22°56
T 24	22 10 25	1°11'22	6°20	6°21	14°49	2°19	1°59	0°59	1°49	3°46	29°30	7°25	6°5	5°5	22°53
W 25	22 14 22	2°9'13	19°35	8°15	15°33	2°57	2°4	1°6	1°50	3°47	29°29	7°17	6°1	5°12	22°51
T 26	22 18 18	3°7'06	3°11	10°7	16°16	3°35	2°9	1°14	1°50	3°49	29°28	7°11	5°58	5°18	22°48
F 27	22 22 15	4°5'00	16°40	11°59	16°58	4°13	2°14	1°21	1°51	3°50	29°27	7°8	5°55	5°25	22°46
S 28	22 26 12	5°2'55	0°30	13°49	17°39	4°51	2°19	1°29	1°52	3°51	29°26	7°D6	5°52	5°32	22°43
S 29	22 30 8	6°0'51	14°31	15°38	18°18	5°30	2°25	1°37	1°53	3°53	29°25	7°6	5°49	5°38	22°40
M 30	22 34 5	6°58'48	28°43	17°25	18°57	6°8	2°30	1°44	1°54	3°54	29°24	7°7	5°46	5°45	22°38
T 31	22 38 1	7°56'47	13°3	19°11	19°35	6°1	2°36	1°1	1°55	3°55	29°H23	7°R7	5°42	5°52	22°H35

Delta T = 151.31 sec.

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SWISS EPHEMERIS for the year 2066

SEPTEMBER 2066

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	22 41 58	8 ^h 54'47"	27 ^h 34'	20 ^h 56'	20 ^h 11'	7 ^h 24'	2 ^h 42'	2 ^h 0'	1 ^h 56'	3 ^h 56'	29 ^h 22'	7 ^h 6'	5 ^h 39'	5 ^h 58'	22 ^h 32'
T 2	22 45 54	9 ^h 52'49"	12 ^h 36'	22 ^h 40'	20 ^h 46'	8 ^h 2'	2 ^h 48'	2 ^h 7'	1 ^h 57'	3 ^h 57'	29 ^h 21'	7 ^h 2'	5 ^h 36'	6 ^h 5'	22 ^h 30'
F 3	22 49 52	10 ^h 50'52"	24 ^h 22'	21 ^h 20'	21 ^h 20'	8 ^h 40'	2 ^h 54'	2 ^h 15'	1 ^h 59'	3 ^h 59'	29 ^h 19'	6 ^h 55'	5 ^h 33'	6 ^h 12'	22 ^h 27'
S 4	22 53 47	11 ^h 48'56"	10 ^h 36'	26 ^h 3'	21 ^h 52'	9 ^h 19'	3 ^h 1'	2 ^h 22'	2 ^h 0'	4 ^h 0'	29 ^h 18'	6 ^h 46'	5 ^h 30'	6 ^h 18'	22 ^h 24'
S 5	22 57 44	12 ^h 47'02"	25 ^h 1'	27 ^h 43'	22 ^h 24'	9 ^h 57'	3 ^h 7'	2 ^h 30'	2 ^h 1'	4 ^h 1'	29 ^h 17'	6 ^h 36'	5 ^h 26'	6 ^h 25'	22 ^h 22'
M 6	23 1 41	13 ^h 45'10"	8 ^h 47'	29 ^h 21'	22 ^h 53'	10 ^h 35'	3 ^h 14'	2 ^h 37'	2 ^h 3'	4 ^h 2'	29 ^h 16'	6 ^h 25'	5 ^h 23'	6 ^h 32'	22 ^h 19'
T 7	23 5 37	14 ^h 43'20"	22 ^h 10'	0 ^h 59'	23 ^h 21'	11 ^h 13'	3 ^h 20'	2 ^h 45'	2 ^h 4'	4 ^h 3'	29 ^h 15'	6 ^h 15'	5 ^h 20'	6 ^h 38'	22 ^h 16'
W 8	23 9 34	15 ^h 41'31"	5 ^h 10'	2 ^h 35'	23 ^h 48'	11 ^h 52'	3 ^h 27'	2 ^h 52'	2 ^h 5'	4 ^h 4'	29 ^h 14'	6 ^h 7'	5 ^h 17'	6 ^h 45'	22 ^h 13'
T 9	23 13 30	16 ^h 39'45"	17 ^h 47'	4 ^h 10'	24 ^h 13'	12 ^h 30'	3 ^h 34'	3 ^h 0'	2 ^h 7'	4 ^h 5'	29 ^h 13'	6 ^h 1'	5 ^h 14'	6 ^h 52'	22 ^h 11'
F 10	23 17 27	17 ^h 38'01"	0 ^h 11'	5 ^h 44'	24 ^h 36'	13 ^h 8'	3 ^h 41'	3 ^h 7'	2 ^h 9'	4 ^h 5'	29 ^h 11'	5 ^h 58'	5 ^h 11'	6 ^h 58'	22 ^h 8'
S 11	23 21 23	18 ^h 36'18"	12 ^h 7'	7 ^h 17'	24 ^h 58'	13 ^h 46'	3 ^h 49'	3 ^h 15'	2 ^h 10'	4 ^h 6'	29 ^h 10'	5 ^h 56'	5 ^h 7'	7 ^h 5'	22 ^h 5'
S 12	23 25 20	19 ^h 34'38"	23 ^h 59'	8 ^h 48'	25 ^h 18'	14 ^h 25'	3 ^h 56'	3 ^h 22'	2 ^h 12'	4 ^h 7'	29 ^h 9'	5 ^h 56'	5 ^h 4'	7 ^h 11'	22 ^h 2'
M13	23 29 16	20 ^h 33'00"	5 ^h 47'	10 ^h 19'	25 ^h 36'	15 ^h 3'	4 ^h 4'	3 ^h 30'	2 ^h 13'	4 ^h 8'	29 ^h 8'	5 ^h 56'	5 ^h 1'	7 ^h 18'	22 ^h 0'
T 14	23 33 13	21 ^h 31'24"	17 ^h 36'	11 ^h 48'	25 ^h 52'	15 ^h 41'	4 ^h 11'	3 ^h 37'	2 ^h 15'	4 ^h 9'	29 ^h 7'	5 ^h 56'	4 ^h 58'	7 ^h 25'	21 ^h 57'
W15	23 37 9	22 ^h 29'50"	29 ^h 31'	13 ^h 16'	26 ^h 6'	16 ^h 19'	4 ^h 19'	3 ^h 44'	2 ^h 17'	4 ^h 10'	29 ^h 5'	5 ^h 54'	4 ^h 55'	7 ^h 31'	21 ^h 54'
T 16	23 41 6	23 ^h 28'18"	11 ^h 37'	14 ^h 43'	26 ^h 18'	16 ^h 58'	4 ^h 27'	3 ^h 52'	2 ^h 19'	4 ^h 10'	29 ^h 4'	5 ^h 49'	4 ^h 51'	7 ^h 38'	21 ^h 51'
F 17	23 45 3	24 ^h 26'48"	23 ^h 56'	16 ^h 9'	26 ^h 28'	17 ^h 36'	4 ^h 35'	3 ^h 59'	2 ^h 21'	4 ^h 11'	29 ^h 3'	5 ^h 42'	4 ^h 48'	7 ^h 45'	21 ^h 48'
S 18	23 48 59	25 ^h 25'20"	6 ^h 22'	17 ^h 34'	26 ^h 36'	18 ^h 14'	4 ^h 44'	4 ^h 6'	2 ^h 23'	4 ^h 12'	29 ^h 2'	5 ^h 32'	4 ^h 45'	7 ^h 51'	21 ^h 46'
S 19	23 52 56	26 ^h 23'54"	19 ^h 26'	18 ^h 57'	26 ^h 42'	18 ^h 53'	4 ^h 52'	4 ^h 14'	2 ^h 25'	4 ^h 12'	29 ^h 1'	5 ^h 20'	4 ^h 42'	7 ^h 58'	21 ^h 43'
M20	23 56 52	27 ^h 22'30"	2 ^h 36'	20 ^h 19'	26 ^h 46'	19 ^h 31'	5 ^h 0'	4 ^h 21'	2 ^h 27'	4 ^h 13'	28 ^h 59'	5 ^h 7'	4 ^h 39'	8 ^h 5'	21 ^h 40'
T 21	0 0 49	28 ^h 21'08"	16 ^h 2'	21 ^h 40'	26 ^h 47'	20 ^h 9'	5 ^h 9'	4 ^h 28'	2 ^h 29'	4 ^h 13'	28 ^h 58'	4 ^h 55'	4 ^h 36'	8 ^h 11'	21 ^h 37'
W22	0 4 45	29 ^h 19'48"	29 ^h 40'	23 ^h 0'	26 ^h 46'	20 ^h 48'	5 ^h 18'	4 ^h 35'	2 ^h 31'	4 ^h 14'	28 ^h 57'	4 ^h 44'	4 ^h 32'	8 ^h 18'	21 ^h 35'
T 23	0 8 42	0 ^h 18'30"	13 ^h 28'	24 ^h 18'	26 ^h 42'	21 ^h 26'	5 ^h 27'	4 ^h 43'	2 ^h 33'	4 ^h 14'	28 ^h 56'	4 ^h 35'	4 ^h 29'	8 ^h 25'	21 ^h 32'
F 24	0 12 38	1 ^h 17'13"	27 ^h 23'	25 ^h 35'	26 ^h 37'	22 ^h 5'	5 ^h 36'	4 ^h 50'	2 ^h 35'	4 ^h 15'	28 ^h 55'	4 ^h 29'	4 ^h 26'	8 ^h 31'	21 ^h 29'
S 25	0 16 35	2 ^h 15'58"	11 ^h 22'	26 ^h 50'	26 ^h 28'	22 ^h 43'	5 ^h 45'	4 ^h 57'	2 ^h 37'	4 ^h 15'	28 ^h 53'	4 ^h 27'	4 ^h 23'	8 ^h 38'	21 ^h 27'
S 26	0 20 32	3 ^h 14'45"	25 ^h 26'	28 ^h 3'	26 ^h 18'	23 ^h 21'	5 ^h 54'	5 ^h 4'	2 ^h 40'	4 ^h 16'	28 ^h 52'	4 ^h 26'	4 ^h 20'	8 ^h 44'	21 ^h 24'
M27	0 24 28	4 ^h 13'34"	9 ^h 32'	29 ^h 15'	26 ^h 5'	24 ^h 0'	6 ^h 3'	5 ^h 11'	2 ^h 42'	4 ^h 16'	28 ^h 51'	4 ^h 26'	4 ^h 17'	8 ^h 51'	21 ^h 21'
T 28	0 28 25	5 ^h 12'24"	23 ^h 39'	0 ^h 26'	25 ^h 49'	24 ^h 38'	6 ^h 13'	5 ^h 18'	2 ^h 44'	4 ^h 16'	28 ^h 50'	4 ^h 25'	4 ^h 13'	8 ^h 58'	21 ^h 19'
W29	0 32 21	6 ^h 11'16"	7 ^h 48'	1 ^h 34'	25 ^h 32'	25 ^h 17'	6 ^h 22'	5 ^h 25'	2 ^h 47'	4 ^h 17'	28 ^h 49'	4 ^h 23'	4 ^h 10'	9 ^h 4'	21 ^h 16'
T 30	0 36 18	7 ^h 10'09"	21 ^h 55'	2 ^h 40'	25 ^h 12'	25 ^h 55'	6 ^h 32'	5 ^h 32'	2 ^h 49'	4 ^h 17'	28 ^h 47'	4 ^h 23'	4 ^h 7'	9 ^h 51'	21 ^h 13'

Delta T = 151.47 sec.

OCTOBER 2066

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	0 40 14	8♂ 9'05	5♂58	3♂45	24°R49	26♂33	6♂41	5♂38	2♂52	4♂17	28°R46	4°R10	4♂ 4	9♂18	21°R11
S 2	0 44 11	9° 8'02	19°53	4°47	24♂25	27°12	6°51	5°45	2°54	4°17	28♂45	4♂ 0	4° 1	9°24	21♂ 8
S 3	0 48 7	10° 7'01	3♂37	5°46	23°58	27°50	7° 1	5°52	2°57	4°17	28°44	3°47	3°57	9°31	21° 5
M 4	0 52 4	11° 6'02	17° 6	6°43	23°30	28°29	7°11	5°59	2°59	4°18	28°43	3°35	3°54	9°38	21° 3
T 5	0 56 0	12° 5'05	0♂17	7°37	23° 0	29° 7	7°21	6° 5	3° 2	4°18	28°42	3°23	3°51	9°44	21° 0
W 6	0 59 57	13° 4'10	13° 8	8°27	22°28	29°46	7°32	6°12	3° 5	4°18	28°40	3°13	3°48	9°51	20°58
T 7	1 3 54	14° 3'18	25°41	9°15	21°55	0♂24	7°42	6°19	3° 7	4°R18	28°39	3° 5	3°45	9°58	20°55
F 8	1 7 50	15° 2'28	7♂56	9°58	21°21	1° 3	7°52	6°25	3°10	4°18	28°38	3° 0	3°42	10° 4	20°53
S 9	1 11 47	16° 1'40	19°58	10°38	20°46	1°41	8° 3	6°32	3°13	4°18	28°37	2°58	3°38	10°11	20°50
S 10	1 15 43	17° 0'54	1♂50	11°12	20°10	2°20	8°13	6°38	3°16	4°18	28°36	2°D57	3°35	10°17	20°48
M11	1 19 40	18° 0'11	13°38	11°42	19°33	2°59	8°24	6°45	3°18	4°17	28°35	2°R57	3°32	10°24	20°46
T 12	1 23 36	18°59'30	25°27	12° 7	18°57	3°37	8°35	6°51	3°21	4°17	28°34	2°57	3°29	10°31	20°43
W13	1 27 33	19°58'51	7♂23	12°26	18°20	4°16	8°46	6°57	3°24	4°17	28°32	2°56	3°26	10°37	20°41
T 14	1 31 29	20°58'14	19°31	12°38	17°43	4°54	8°57	7° 3	3°27	4°17	28°31	2°52	3°23	10°44	20°39
F 15	1 35 26	21°57'40	1♂55	12°R44	17° 7	5°33	9° 8	7°10	3°30	4°17	28°30	2°46	3°19	10°51	20°36
S 16	1 39 23	22°57'08	14°40	12°42	16°32	6°12	9°19	7°16	3°33	4°16	28°29	2°38	3°16	10°57	20°34
S 17	1 43 19	23°56'38	27°46	12°32	15°57	6°50	9°30	7°22	3°36	4°16	28°28	2°27	3°13	11° 4	20°32
M18	1 47 16	24°56'10	11♂13	12°14	15°24	7°29	9°42	7°28	3°39	4°16	28°27	2°16	3°10	11°11	20°30
T 19	1 51 12	25°55'45	25° 1	11°48	14°52	8° 8	9°53	7°34	3°42	4°15	28°26	2° 5	3° 7	11°17	20°28
W20	1 55 9	26°55'21	9♂4	11°13	14°22	8°46	10° 4	7°40	3°46	4°15	28°25	1°55	3° 3	11°24	20°26
T 21	1 59 5	27°55'00	23°19	10°29	13°53	9°25	10°16	7°45	3°49	4°14	28°24	1°47	3° 0	11°31	20°23
F 22	2 3 2	28°54'40	7♂39	9°37	13°26	10° 4	10°28	7°51	3°52	4°14	28°23	1°42	2°57	11°37	20°21
S 23	2 6 58	29°54'22	22° 0	8°38	13° 1	10°42	10°39	7°57	3°55	4°13	28°22	1°40	2°54	11°44	20°20
S 24	2 10 55	0♂54'06	6♂18	7°32	12°38	11°21	10°51	8° 2	3°58	4°13	28°21	1°D40	2°51	11°51	20°18
M25	2 14 52	1°53'52	20°30	6°20	12°18	12° 0	11° 3	8° 8	4° 2	4°12	28°20	1°40	2°48	11°57	20°16
T 26	2 18 48	2°53'39	4♂36	5° 6	12° 0	12°39	11°15	8°13	4° 5	4°12	28°19	1°R41	2°44	12° 4	20°14
W27	2 22 45	3°53'28	18°34	3°49	11°44	13°18	11°27	8°19	4° 8	4°11	28°18	1°40	2°41	12°10	20°12
T 28	2 26 41	4°53'19	2♂23	2°34	11°30	13°56	11°39	8°24	4°12	4°10	28°17	1°36	2°38	12°17	20°10
F 29	2 30 38	5°53'11	16° 3	1°22	11°19	14°35	11°51	8°29	4°15	4°10	28°16	1°31	2°35	12°24	20° 9
S 30	2 34 34	6°53'05	29°33	0°16	11°10	15°14	12° 3	8°34	4°18	4° 9	28°15	1°23	2°32	12°30	20° 7
S 31	2 38 31	7♂53'00	12♂52	29♂17	11♂ 4	15♂53	12♂15	8♂40	4♂22	4♂ 8	28♂14	1♂14	2♂28	12♂37	20♂ 5

SWISS EPHEMERIS for the year 2066

NOVEMBER 2066

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	2 42 27	8♈52'58	25♏57	28°R27	11°R 0	16♊32	12♈28	8♈45	4♈25	4°R 7	28°R13	1°R 4	2♈25	12♈44	20°R 4
T 2	2 46 24	9°52'57	8♈48	27♊47	10°D59	17°11	12°40	8°50	4°28	4°R 7	28°R13	0°55	2°22	12°50	20°R 2
W 3	2 50 20	10°52'58	21°25	27°19	11°10	17°50	12°52	8°54	4°32	4° 6	28°12	0°47	2°19	12°57	20° 1
T 4	2 54 17	11°53'01	3♈47	27° 2	11° 4	18°28	13° 5	8°59	4°35	4° 5	28°11	0°42	2°16	13° 4	19°59
F 5	2 58 14	12°53'06	15°56	26°D57	11°10	19° 7	13°17	9° 4	4°39	4° 4	28°10	0°38	2°13	13°10	19°58
S 6	3 2 10	13°53'13	27°54	27° 3	11°18	19°46	13°30	9° 9	4°42	4° 3	28° 9	0°D37	2° 9	13°17	19°56
S 7	3 6 7	14°53'23	9♈45	27°20	11°28	20°25	13°43	9°13	4°46	4° 2	28° 9	0°37	2° 6	13°24	19°55
M 8	3 10 3	15°53'34	21°32	27°47	11°41	21° 4	13°55	9°18	4°49	4° 1	28° 8	0°39	2° 3	13°30	19°54
T 9	3 14 0	16°53'47	3♈21	28°23	11°56	21°43	14° 8	9°22	4°53	4° 0	28° 7	0°40	2° 0	13°37	19°53
W10	3 17 56	17°54'02	15°16	29° 7	12°13	22°22	14°21	9°26	4°57	3°59	28° 6	0°R41	1°57	13°44	19°52
T 11	3 21 53	18°54'19	27°22	29°58	12°31	23° 1	14°34	9°30	5° 0	3°58	28° 6	0°41	1°54	13°50	19°50
F 12	3 25 49	19°54'38	9♈46	0♈56	12°52	23°40	14°46	9°35	5° 4	3°57	28° 5	0°39	1°50	13°57	19°49
S 13	3 29 46	20°54'59	22°30	1°59	13°15	24°19	14°59	9°39	5° 7	3°56	28° 4	0°35	1°47	14° 3	19°48
S 14	3 33 43	21°55'22	5♈39	3° 8	13°40	24°58	15°12	9°43	5°11	3°55	28° 4	0°30	1°44	14°10	19°47
M15	3 37 39	22°55'47	19°13	4°20	14° 6	25°38	15°25	9°46	5°15	3°53	28° 3	0°24	1°41	14°17	19°47
T 16	3 41 36	23°56'13	3♈12	5°36	14°34	26°17	15°38	9°50	5°18	3°52	28° 2	0°17	1°38	14°23	19°46
W17	3 45 32	24°56'42	17°33	6°56	15° 4	26°56	15°51	9°54	5°22	3°51	28° 2	0°12	1°34	14°30	19°45
T 18	3 49 29	25°57'12	2♈10	8°18	15°35	27°35	16° 5	9°57	5°26	3°50	28° 1	0° 8	1°31	14°37	19°44
F 19	3 53 25	26°57'44	16°56	9°42	16° 7	28°14	16°18	10° 1	5°29	3°48	28° 1	0° 5	1°28	14°43	19°44
S 20	3 57 22	27°58'17	1♈44	11° 8	16°42	28°53	16°31	10° 4	5°33	3°47	28° 0	0°D 5	1°25	14°50	19°43
S 21	4 1 19	28°58'52	16°26	12°35	17°17	29°33	16°44	10° 8	5°37	3°46	28° 0	0° 6	1°22	14°57	19°42
M22	4 5 15	29°59'27	0♈58	14° 4	17°54	0♈12	16°57	10°11	5°40	3°44	27°59	0° 7	1°19	15° 3	19°42
T 23	4 9 12	1♈0'04	15°15	15°33	18°32	0°51	17°11	10°14	5°44	3°43	27°59	0° 9	1°15	15°10	19°41
W24	4 13 8	2° 0'42	29°15	17° 4	19°12	1°30	17°24	10°17	5°48	3°42	27°58	0°R 9	1°12	15°17	19°41
T 25	4 17 5	3° 1'21	12♈59	18°35	19°52	2° 9	17°37	10°20	5°51	3°40	27°58	0° 9	1° 9	15°23	19°41
F 26	4 21 1	4° 2'01	26°26	20° 7	20°34	2°49	17°51	10°22	5°55	3°39	27°58	0° 7	1° 6	15°30	19°40
S 27	4 24 58	5° 2'43	9♈38	21°39	21°17	3°28	18° 4	10°25	5°59	3°37	27°57	0° 4	1° 3	15°37	19°40
S 28	4 28 54	6° 3'25	22°35	23°12	22° 1	4° 7	18°17	10°28	6° 3	3°36	27°57	0° 1	1° 0	15°43	19°40
M29	4 32 51	7° 4'09	5♈18	24°45	22°46	4°47	18°31	10°30	6° 6	3°35	27°57	29°57	0°56	15°50	19°40
T 30	4 36 48	8♈4'53	17♈49	26♈18	23♈32	5♈26	18°44	10°33	6♈10	3♈33	27°56	29°53	0°53	15°56	19°D40

Delta T = 151.78 sec.

DECEMBER 2066

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	4 40 44	9♈5'39	0♈11 9	27♈51	24♈19	6♈ 5	18♈58	10♈35	6♈14	3°R32	27°R56	29°R50	0°50	16°5 3	19°R40
T 2	4 44 41	10° 6'26	12°18	29°25	25° 7	6°45	19°11	10°37	6°17	3°R30	27°R56	29°R48	0°47	16°10	19°40
F 3	4 48 37	11° 7'15	24°18	0♈58	25°56	7°24	19°25	10°39	6°21	3°28	27°56	29°D47	0°44	16°16	19°40
S 4	4 52 34	12° 8'04	6♈11	2°32	26°46	8° 4	19°38	10°41	6°25	3°27	27°55	29°47	0°40	16°23	19°40
S 5	4 56 30	13° 8'55	18° 0	4° 5	27°36	8°43	19°52	10°43	6°28	3°25	27°55	29°48	0°37	16°30	19°40
M 6	5 0 27	14° 9'47	29°47	5°39	28°28	9°22	20° 5	10°45	6°32	3°24	27°55	29°49	0°34	16°36	19°41
T 7	5 4 23	15°10'40	11♈36	7°13	29°20	10° 2	20°19	10°46	6°36	3°22	27°55	29°51	0°31	16°43	19°41
W 8	5 8 20	16°11'34	23°31	8°46	0♈13	10°41	20°33	10°48	6°39	3°21	27°55	29°52	0°28	16°50	19°42
T 9	5 12 17	17°12'30	5♈36	10°20	1° 6	11°21	20°46	10°49	6°43	3°19	27°55	29°53	0°25	16°56	19°42
F 10	5 16 13	18°13'27	17°55	11°54	2° 0	12° 0	21° 0	10°51	6°47	3°17	27°55	29°R53	0°21	17° 3	19°42
S 11	5 20 10	19°14'25	0♈35	13°28	2°55	12°40	21°13	10°52	6°50	3°16	27°55	29°53	0°18	17°10	19°43
S 12	5 24 6	20°15'24	13°37	15° 1	3°51	13°19	21°27	10°53	6°54	3°14	27°D55	29°52	0°15	17°16	19°44
M13	5 28 3	21°16'24	27° 6	16°35	4°47	13°59	21°41	10°54	6°58	3°12	27°55	29°51	0°12	17°23	19°44
T 14	5 31 59	22°17'26	11♈ 2	18° 9	5°44	14°39	21°54	10°55	7° 1	3°11	27°55	29°50	0° 9	17°30	19°45
W15	5 35 56	23°18'29	25°25	19°43	6°41	15°18	22° 8	10°55	7° 5	3° 9	27°55	29°50	0° 6	17°36	19°46
T 16	5 39 52	24°19'32	10♈10	21°17	7°39	15°58	22°22	10°56	7° 9	3° 7	27°55	29°49	0° 2	17°43	19°47
F 17	5 43 49	25°20'37	25°11	22°52	8°37	16°37	22°35	10°57	7°12	3° 6	27°55	29°D49	29°59	17°50	19°48
S 18	5 47 46	26°21'42	10♈19	24°26	9°36	17°17	22°49	10°57	7°16	3° 4	27°55	29°49	29°56	17°56	19°49
S 19	5 51 42	27°22'47	25°25	26° 0	10°35	17°57	23° 2	10°57	7°19	3° 2	27°55	29°49	29°53	18° 3	19°50
M20	5 55 39	28°23'53	10♈20	27°35	11°35	18°36	23°16	10°58	7°23	3° 1	27°56	29°49	29°50	18°10	19°51
T 21	5 59 35	29°25'00	24°58	29°10	12°35	19°16	23°30	10°R58	7°26	2°59	27°56	29°R49	29°46	18°16	19°52
W22	6 3 32	0♈26'06	9♈13	0♈45	13°36	19°56	23°43	10°58	7°30	2°57	27°56	29°49	29°43	18°23	19°53
T 23	6 7 28	1°27'13	23° 4	2°20	14°37	20°36	23°57	10°57	7°33	2°56	27°56	29°49	29°40	18°29	19°54
F 24	6 11 25	2°28'20	6♈31	3°55	15°38	21°15	24°10	10°57	7°37	2°54	27°57	29°D49	29°37	18°36	19°56
S 25	6 15 22	3°29'27	19°36	5°31	16°40	21°55	24°24	10°57	7°40	2°52	27°57	29°49	29°34	18°43	19°57
S 26	6 19 18	4°30'34	2♈21	7° 7	17°42	22°35	24°38	10°56	7°44	2°50	27°57	29°50	29°31	18°49	19°58
M27	6 23 15	5°31'42	14°50	8°43	18°45	23°15	24°51	10°56	7°47	2°49	27°58	29°50	29°27	18°56	20° 0
T 28	6 27 11	6°32'49	27° 5	10°19	19°48	23°54	25° 5	10°55	7°50	2°47	27°58	29°51	29°24	19° 3	20° 1
W29	6 31 8	7°33'57	9♈10	11°55	20°51	24°34	25°18	10°54	7°54	2°45	27°58	29°52	29°21	19° 9	20° 3
T 30	6 35 4	8°35'04	21° 8	13°32	21°55	25°14	25°32	10°53	7°57	2°44	27°59	29°52	29°18	19°16	20° 4
F 31	6 39 1	9♈36'12	3♈ 0	15♈ 9	22♈59	25♈54	25°45	10°52	8♈ 0	2°42	27°59	29°R52	29°15	19°23	20°R 6

Delta T = 151.93 sec.

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