

SWISS EPHEMERIS for the year 1985

JANUARY 1985

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	6 42 21	10°30'59	29°42'	17°58'	26°21'	5°8'	21°27'	24°44'	15°22'	1°29'	4°22'	26°35'	25°9'	13°8'	4°9'
W 2	6 46 18	11°32'08	11°40'	18°51'	27°28'	5°54'	21°41'	24°50'	15°25'	1°31'	4°23'	26°37'	25°6'	13°15'	4°11'
T 3	6 50 14	12°33'17	23°50'	19°48'	28°35'	6°40'	21°55'	24°55'	15°29'	1°34'	4°24'	26°R38	25°3'	13°22'	4°4'
F 4	6 54 11	13°34'26	6°15'	20°48'	29°42'	7°26'	22°9'	25°1'	15°32'	1°36'	4°25'	26°37'	24°59'	13°28'	4°2'
S 5	6 58 7	14°35'35	18°58'	21°51'	0°49'	8°12'	22°23'	25°6'	15°35'	1°38'	4°26'	26°35'	24°56'	13°35'	3°59'
S 6	7 2 4	15°36'43	2°2'	22°57'	1°55'	8°57'	22°37'	25°12'	15°39'	1°40'	4°28'	26°30'	24°53'	13°42'	3°57'
M 7	7 6 1	16°37'52	15°27'	24°6'	3°1'	9°43'	22°51'	25°17'	15°42'	1°43'	4°29'	26°23'	24°50'	13°48'	3°55'
T 8	7 9 57	17°39'00	29°9'	25°17'	4°7'	10°29'	23°5'	25°22'	15°45'	1°45'	4°30'	26°15'	24°47'	13°55'	3°52'
W 9	7 13 54	18°40'08	13°7'	26°30'	5°13'	11°15'	23°19'	25°28'	15°49'	1°47'	4°31'	26°5'	24°43'	14°2'	3°50'
T 10	7 17 50	19°41'16	27°15'	27°44'	6°18'	12°1'	23°33'	25°33'	15°52'	1°49'	4°32'	25°57'	24°40'	14°9'	3°48'
F 11	7 21 47	20°42'24	11°28'	29°0'	7°23'	12°46'	23°47'	25°38'	15°55'	1°51'	4°33'	25°49'	24°37'	14°15'	3°46'
S 12	7 25 43	21°43'31	25°43'	0°18'	8°28'	13°32'	24°1'	25°43'	15°58'	1°53'	4°34'	25°44'	24°34'	14°22'	3°44'
S 13	7 29 40	22°44'39	9°56'	1°37'	9°32'	14°18'	24°15'	25°48'	16°1'	1°56'	4°34'	25°41'	24°31'	14°29'	3°42'
M14	7 33 36	23°45'46	24°4'	2°58'	10°36'	15°3'	24°30'	25°53'	16°4'	1°58'	4°35'	25°D40	24°28'	14°35'	3°40'
T 15	7 37 33	24°46'54	8°6'	4°19'	11°40'	15°49'	24°44'	25°58'	16°7'	2°0'	4°36'	25°41'	24°24'	14°42'	3°39'
W16	7 41 30	25°48'01	22°2'	5°42'	12°43'	16°35'	24°58'	26°2'	16°11'	2°2'	4°37'	25°R41	24°21'	14°49'	3°37'
T 17	7 45 26	26°49'08	5°51'	7°5'	13°46'	17°20'	25°12'	26°7'	16°14'	2°4'	4°38'	25°41'	24°18'	14°55'	3°35'
F 18	7 49 23	27°50'15	19°33'	8°30'	14°49'	18°6'	25°26'	26°12'	16°17'	2°6'	4°38'	25°39'	24°15'	15°2'	3°34'
S 19	7 53 19	28°51'22	3°6'	9°55'	15°52'	18°51'	25°40'	26°16'	16°20'	2°8'	4°39'	25°33'	24°12'	15°9'	3°32'
S 20	7 57 16	29°52'28	16°29'	11°21'	16°54'	19°37'	25°54'	26°21'	16°22'	2°10'	4°40'	25°25'	24°9'	15°15'	3°31'
M21	8 1 12	0°53'34	29°39'	12°48'	17°56'	20°23'	26°8'	26°25'	16°25'	2°12'	4°40'	25°15'	24°5'	15°22'	3°29'
T 22	8 5 9	1°54'38	12°36'	14°15'	18°57'	21°8'	26°22'	26°29'	16°28'	2°15'	4°41'	25°2'	24°2'	15°29'	3°28'
W23	8 9 5	2°55'42	25°17'	15°44'	19°58'	21°54'	26°36'	26°33'	16°31'	2°17'	4°41'	24°50'	23°59'	15°35'	3°27'
T 24	8 13 2	3°56'45	7°44'	17°13'	20°58'	22°39'	26°50'	26°38'	16°34'	2°19'	4°42'	24°38'	23°56'	15°42'	3°25'
F 25	8 16 59	4°57'48	19°56'	18°42'	21°58'	23°25'	27°4'	26°42'	16°37'	2°21'	4°42'	24°27'	23°53'	15°49'	3°24'
S 26	8 20 55	5°58'49	1°57'	20°13'	22°58'	24°10'	27°18'	26°46'	16°39'	2°23'	4°43'	24°19'	23°49'	15°55'	3°23'
S 27	8 24 52	6°59'49	13°49'	21°44'	23°57'	24°55'	27°32'	26°49'	16°42'	2°24'	4°43'	24°14'	23°46'	16°2'	3°22'
M28	8 28 48	8°0'48	25°38'	23°16'	24°56'	25°41'	27°46'	26°53'	16°45'	2°26'	4°43'	24°12'	23°43'	16°9'	3°21'
T 29	8 32 45	9°1'45	7°27'	24°48'	25°54'	26°26'	28°0'	26°57'	16°47'	2°28'	4°44'	24°D11	23°40'	16°15'	3°20'
W30	8 36 41	10°2'42	19°23'	26°21'	26°51'	27°12'	28°14'	27°1'	16°50'	2°30'	4°44'	24°R11	23°37'	16°22'	3°20'
T 31	8 40 38	11°3'37	1°32'	27°55'	27°48'	27°57'	28°28'	27°11'	16°52'	2°32'	4°44'	24°B11	23°34'	16°29'	3°19'

Delta T = 54.34 sec.

FEBRUARY 1985

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	8 44 34	12°43'32	13°57'	29°29'	28°45'	28°42'	28°32'	27°11'	16°55'	2°34'	4°44'	24°R10	23°30'	16°35'	3°R18
S 2	8 48 31	13°5'24	26°45'	1°5'	29°40'	29°27'	28°56'	27°11'	16°57'	2°36'	4°45'	24°B6	23°27'	16°42'	3°B18
S 3	8 52 28	14°6'16	9°57'	2°41'	0°36'	0°13'	29°10'	27°14'	17°0'	2°38'	4°45'	23°59'	23°24'	16°49'	3°17'
M 4	8 56 24	15°7'06	23°36'	4°17'	1°30'	0°58'	29°23'	27°17'	17°2'	2°39'	4°45'	23°50'	23°21'	16°55'	3°17'
T 5	9 0 21	16°7'55	7°38'	5°54'	2°24'	1°43'	29°37'	27°20'	17°4'	2°41'	4°45'	23°39'	23°18'	17°2'	3°16'
W 6	9 4 17	17°8'43	22°1'	7°32'	3°17'	2°28'	29°51'	27°23'	17°7'	2°43'	4°R45	23°26'	23°15'	17°9'	3°16'
T 7	9 8 14	18°9'30	6°37'	9°11'	4°10'	3°13'	0°55'	27°26'	17°9'	2°45'	4°45'	23°14'	23°11'	17°15'	3°16'
F 8	9 12 10	19°10'15	21°19'	10°51'	5°2'	3°58'	0°19'	27°29'	17°11'	2°46'	4°45'	23°4'	23°8'	17°22'	3°16'
S 9	9 16 7	20°10'59	6°0'	12°31'	5°53'	4°43'	0°32'	27°32'	17°13'	2°48'	4°45'	22°56'	23°5'	17°29'	3°15'
S 10	9 20 3	21°11'42	20°32'	14°13'	6°43'	5°28'	0°46'	27°34'	17°15'	2°50'	4°45'	22°51'	23°2'	17°35'	3°D15
M11	9 24 0	22°12'24	4°52'	15°55'	7°32'	6°13'	1°0'	27°37'	17°17'	2°51'	4°44'	22°49'	22°59'	17°42'	3°16'
T 12	9 27 57	23°13'05	18°57'	17°37'	8°21'	6°58'	1°13'	27°39'	17°19'	2°53'	4°44'	22°49'	22°55'	17°49'	3°16'
W13	9 31 53	24°13'45	2°47'	19°21'	9°8'	7°43'	1°27'	27°42'	17°21'	2°55'	4°44'	22°49'	22°52'	17°55'	3°16'
T 14	9 35 50	25°14'24	16°22'	21°6'	9°55'	8°28'	1°40'	27°44'	17°23'	2°56'	4°44'	22°48'	22°49'	18°2'	3°16'
F 15	9 39 46	26°15'02	29°45'	22°51'	10°41'	9°12'	1°54'	27°46'	17°25'	2°58'	4°43'	22°44'	22°46'	18°9'	3°16'
S 16	9 43 43	27°15'39	12°56'	24°37'	11°26'	9°57'	2°7'	27°48'	17°27'	2°59'	4°43'	22°38'	22°43'	18°15'	3°17'
S 17	9 47 39	28°16'14	25°55'	26°25'	12°9'	10°42'	2°21'	27°50'	17°29'	3°1'	4°43'	22°29'	22°40'	18°22'	3°17'
M18	9 51 36	29°16'48	8°44'	28°13'	12°52'	11°27'	2°34'	27°52'	17°31'	3°2'	4°42'	22°17'	22°36'	18°29'	3°18'
T 19	9 55 32	0°17'21	21°22'	0°1'	13°33'	12°11'	2°47'	27°54'	17°32'	3°4'	4°42'	22°4'	22°33'	18°35'	3°18'
W20	9 59 29	1°17'52	3°48'	1°51'	14°14'	12°56'	3°0'	27°55'	17°34'	3°5'	4°41'	21°49'	22°30'	18°42'	3°19'
T 21	10 3 26	2°18'21	16°4'	3°42'	14°53'	13°40'	3°14'	27°57'	17°35'	3°7'	4°41'	21°36'	22°27'	18°49'	3°20'
F 22	10 7 22	3°18'48	28°9'	5°33'	15°31'	14°25'	3°27'	27°58'	17°37'	3°8'	4°40'	21°24'	22°24'	18°56'	3°21'
S 23	10 11 19	4°19'14	10°5'	7°25'	16°8'	15°9'	3°40'	28°0'	17°38'	3°9'	4°40'	21°14'	22°21'	19°2'	3°22'
S 24	10 15 15	5°19'38	21°55'	9°18'	16°43'	15°54'	3°53'	28°1'	17°40'	3°11'	4°39'	21°8'	22°17'	19°9'	3°23'
M25	10 19 12	6°20'00	3°42'	11°11'	17°17'	16°38'	4°6'	28°2'	17°41'	3°12'	4°39'	21°4'	22°14'	19°15'	3°24'
T 26	10 23 8	7°20'20	15°30'	13°5'	17°49'	17°23'	4°19'	28°3'	17°43'	3°13'	4°38'	21°3'	22°11'	19°22'	3°25'
W27	10 27 5	8°20'39	27°24'	14°59'	18°20'	18°7'	4°32'	28°4'	17°44'	3°14'	4°37'	21°D3	22°8'	19°29'	3°26'
T 28	10 31 1	9°20'55	9°30'	16°53'	18°49'	18°51'	4°45'	28°5'	17°45'	3°15'	4°36'	21°R3	22°5'	19°36'	3°27'

Delta T = 54.39 sec.

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SWISS EPHEMERIS for the year 1985

MARCH 1985

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
F 1	10 34 58	10 ^h 21'09"	21 ^h 15'52"	18 ^h 47'	19 ^h 17'	19 ^h 36'	4 ^h 58'	28 ^h 5'	17 ^h 46'	3 ^h 17'	4 ^h R36'	21 ^h R 2'	22 ^h 8' 1"	19 ^h 42'	3 ^h II29'								
S 2	10 38 55	11 ^h 21'22"	4 ^h 53'37"	20°42'	19°43'	20°20'	5°10'	28° 6'	17°47'	3°18'	4 ^h M35'	21 ^h 8' 0"	21°58'	19°49'	3°30'								
S 3	10 42 51	12°21'32"	17°48'	22°35'	20° 7'	21° 4'	5°23'	28° 7'	17°49'	3°19'	4°34'	20°55'	21°55'	19°56'	3°31'								
M 4	10 46 48	13°21'40"	1 ^h Ω28'	24°28'	20°29'	21°48'	5°36'	28° 7'	17°50'	3°20'	4°33'	20°48'	21°52'	20° 2'	3°33'								
T 5	10 50 44	14°21'46"	15°36'	26°20'	20°50'	22°32'	5°48'	28° 7'	17°51'	3°21'	4°32'	20°39'	21°49'	20° 9'	3°34'								
W 6	10 54 41	15°21'50"	0 ^h Π11'	28°11'	21° 8'	23°16'	6° 1'	28° 7'	17°52'	3°22'	4°31'	20°29'	21°46'	20°16'	3°36'								
T 7	10 58 37	16°21'52"	15° 4'	29°59'	21°25'	24° 0'	6°13'	28° 8'	17°52'	3°23'	4°30'	20°18'	21°42'	20°22'	3°38'								
F 8	11 2 34	17°21'52"	0 ^h Δ 8'	1 ^h Υ46'	21°39'	24°44'	6°25'	28°R 8'	17°53'	3°24'	4°29'	20°10'	21°39'	20°29'	3°40'								
S 9	11 6 30	18°21'51"	15°12'	3°30'	21°51'	25°28'	6°37'	28° 7'	17°54'	3°25'	4°28'	20° 3'	21°36'	20°35'	3°41'								
S 10	11 10 27	19°21'47"	0 ^h Π 8'	5°10'	22° 1'	26°12'	6°50'	28° 7'	17°55'	3°26'	4°27'	19°59'	21°33'	20°42'	3°43'								
M11	11 14 24	20°21'42"	14°48'	6°47'	22° 9'	26°56'	7° 2'	28° 7'	17°55'	3°27'	4°26'	19°D57'	21°30'	20°49'	3°45'								
T 12	11 18 20	21°21'35"	29° 8'	8°19'	22°14'	27°40'	7°14'	28° 7'	17°56'	3°27'	4°25'	19°58'	21°26'	20°55'	3°47'								
W13	11 22 17	22°21'27"	13 ^h ♁ 6'	9°47'	22°17'	28°23'	7°26'	28° 6'	17°57'	3°28'	4°24'	19°58'	21°23'	21° 2'	3°49'								
T 14	11 26 13	23°21'17"	26°42'	11°10'	22°R18'	29° 7'	7°38'	28° 5'	17°57'	3°29'	4°23'	19°R59'	21°20'	21° 9'	3°52'								
F 15	11 30 10	24°21'06"	9 ^h Σ59'	12°26'	22°16'	29°51'	7°50'	28° 5'	17°57'	3°30'	4°22'	19°57'	21°17'	21°15'	3°54'								
S 16	11 34 6	25°20'52"	22°58'	13°37'	22°12'	0 ^h Σ34'	8° 1'	28° 4'	17°58'	3°30'	4°21'	19°54'	21°14'	21°22'	3°56'								
S 17	11 38 3	26°20'37"	5 ^h Σ43'	14°41'	22° 5'	1°18'	8°13'	28° 3'	17°58'	3°31'	4°19'	19°48'	21°11'	21°29'	3°58'								
M18	11 41 59	27°20'20"	18°15'	15°37'	21°56'	2° 1'	8°24'	28° 2'	17°59'	3°32'	4°18'	19°40'	21° 7'	21°35'	4° 1'								
T 19	11 45 56	28°20'01"	0 ^h Σ36'	16°27'	21°44'	2°45'	8°36'	28° 1'	17°59'	3°32'	4°17'	19°31'	21° 4'	21°42'	4° 3'								
W20	11 49 53	29°19'41"	17° 9'	17° 9'	21°30'	3°28'	8°47'	28° 0'	17°59'	3°33'	4°16'	19°21'	21° 1'	21°49'	4° 6'								
T 21	11 53 49	0 ^h Υ19'18"	24°51'	17°43'	21°13'	4°12'	8°59'	27°58'	17°59'	3°33'	4°14'	19°11'	20°58'	21°55'	4° 8'								
F 22	11 57 46	1°18'53"	6 ^h Υ47'	18° 9'	20°54'	4°55'	9°10'	27°57'	17°59'	3°34'	4°13'	19° 3'	20°55'	22° 2'	4°11'								
S 23	12 1 42	2°18'27"	18°38'	18°27'	20°33'	5°38'	9°21'	27°56'	17°R59'	3°34'	4°12'	18°57'	20°52'	22° 9'	4°14'								
S 24	12 5 39	3°17'58"	0 ^h Σ26'	18°37'	20° 9'	6°22'	9°32'	27°54'	17°59'	3°35'	4°10'	18°52'	20°48'	22°15'	4°17'								
M25	12 9 35	4°17'27"	12°13'	18°R39'	19°44'	7° 5'	9°43'	27°52'	17°59'	3°35'	4° 9'	18°50'	20°45'	22°22'	4°19'								
T 26	12 13 32	5°16'54"	24° 2'	18°34'	19°16'	7°48'	9°54'	27°50'	17°59'	3°35'	4° 7'	18°D50'	20°42'	22°29'	4°22'								
W27	12 17 28	6°16'19"	5 ^h II58'	18°21'	18°46'	8°31'	10° 4'	27°49'	17°59'	3°36'	4° 6'	18°51'	20°39'	22°35'	4°25'								
T 28	12 21 25	7°15'41"	18° 3'	18° 2'	18°15'	9°14'	10°15'	27°47'	17°58'	3°36'	4° 5'	18°53'	20°36'	22°42'	4°28'								
F 29	12 25 21	8°15'01"	0 ^h Σ24'	17°35'	17°42'	9°57'	10°26'	27°45'	17°58'	3°36'	4° 3'	18°54'	20°32'	22°49'	4°31'								
S 30	12 29 18	9°14'19"	13° 5'	17° 4'	17° 7'	10°40'	10°36'	27°42'	17°58'	3°36'	4° 2'	18°R54'	20°29'	22°55'	4°34'								
S 31	12 33 15	10 ^h Υ13'35"	26 ^h Δ11'	16 ^h Υ27'	16 ^h Υ32'	11 ^h Σ23'	10 ^h Σ46'	27 ^h Π40'	17 ^h ♁57'	3 ^h Σ37'	4 ^h Π 0'	18 ^h Σ53'	20 ^h Σ26'	23 ^h Υ 2'	4 ^h II37'								

Delta T = 54.43 sec.

APRIL 1985

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	12 37 11	11 ^h Υ12'48"	9 ^h Ω44'	15°R45'	15°R55'	12 ^h Σ 6'	10 ^h Σ57'	27°R38'	17°R57'	3 ^h Σ37'	3°R59'	18°R50'	20 ^h Σ23'	23 ^h Υ 9'	4 ^h II40'								
T 2	12 41 8	12°11'59"	23°46'	15°Υ 1'	15°Υ18'	12°49'	11° 7'	27°Π36'	17 ^h ♁57'	3°37'	3 ^h Π57'	18 ^h Σ46'	20°20'	23°15'	4°44'								
W 3	12 45 4	13°11'07"	8 ^h Π16'	14°14'	14°40'	13°32'	11°17'	27°33'	17°56'	3°37'	3°56'	18°41'	20°17'	23°22'	4°47'								
T 4	12 49 1	14°10'13"	23° 9'	13°26'	14° 2'	14°15'	11°27'	27°30'	17°55'	3°37'	3°54'	18°36'	20°13'	23°29'	4°50'								
F 5	12 52 57	15° 9'17"	8 ^h Δ18'	12°37'	13°24'	14°57'	11°36'	27°28'	17°55'	3°R37'	3°52'	18°31'	20°10'	23°35'	4°54'								
S 6	12 56 54	16° 8'19"	23°33'	11°49'	12°47'	15°40'	11°46'	27°25'	17°54'	3°37'	3°51'	18°28'	20° 7'	23°42'	4°57'								
S 7	13 0 50	17° 7'19"	8 ^h Π44'	11° 2'	12°10'	16°23'	11°56'	27°22'	17°53'	3°37'	3°49'	18°26'	20° 4'	23°49'	5° 0'								
M 8	13 4 47	18° 6'17"	23°41'	10°17'	11°33'	17° 5'	12° 5'	27°19'	17°52'	3°37'	3°48'	18°D26'	20° 1'	23°55'	5° 4'								
T 9	13 8 44	19° 5'13"	8 ^h ♁18'	9°36'	10°58'	17°48'	12°14'	27°16'	17°52'	3°37'	3°46'	18°27'	19°58'	24° 2'	5° 7'								
W10	13 12 40	20° 4'08"	22°31'	8°58'	10°24'	18°30'	12°23'	27°13'	17°51'	3°37'	3°44'	18°28'	19°54'	24° 9'	5°11'								
T 11	13 16 37	21° 3'01"	6 ^h Σ18'	8°24'	9°52'	19°13'	12°33'	27°10'	17°50'	3°36'	3°43'	18°30'	19°51'	24°15'	5°15'								
F 12	13 20 33	22° 1'52"	19°39'	7°55'	9°21'	19°55'	12°41'	27° 7'	17°49'	3°36'	3°41'	18°R30'	19°48'	24°22'	5°18'								
S 13	13 24 30	23° 0'42"	2 ^h Σ39'	7°30'	8°52'	20°37'	12°50'	27° 4'	17°48'	3°36'	3°39'	18°30'	19°45'	24°29'	5°22'								
S 14	13 28 26	23°59'29"	15°18'	7°11'	8°25'	21°20'	12°59'	27° 0'	17°47'	3°36'	3°38'	18°28'	19°42'	24°35'	5°26'								
M15	13 32 23	24°58'15"	27°42'	6°56'	8° 0'	22° 2'	13° 8'	26°57'	17°46'	3°35'	3°36'	18°26'	19°38'	24°42'	5°30'								
T 16	13 36 19	25°56'59"	9 ^h Σ53'	6°47'	7°38'	22°44'	13°16'	26°54'	17°44'	3°35'	3°34'	18°23'	19°35'	24°49'	5°33'								
W17	13 40 16	26°55'42"	21°54'	6°D44'	7°17'	23°26'	13°24'	26°50'	17°43'	3°35'	3°33'	18°19'	19°32'	24°55'	5°37'								
T 18	13 44 13	27°54'22"	3 ^h Υ49'	6°45'	6°59'	24° 8'	13°33'	26°46'	17°42'	3°34'	3°31'	18°16'	19°29'	25° 2'	5°41'								
F 19	13 48 9	28°53'01"	15°39'	6°51'	6°43'	24°51'	13°41'	26°43'	17°41'	3°34'	3°29'	18°13'	19°26'	25° 9'	5°45'								
S 20	13 52 6	29°51'38"	27°27'	7° 3'	6°30'	25°33'	13°48'	26°39'	17°39'	3°33'	3°28'	18°10'	19°23'	25°15'	5°49'								
S 21	13 56 2	0 ^h Σ50'13"	9 ^h Σ14'	7°19'	6°19'	26°15'	13°56'	26°35'	17°38'	3°33'	3°26'	18° 9'	19°19'	25°22'	5°53'								
M22	13 59 59	1°48'46"	21° 4'	7°40'	6°11'	26°57'	14° 4'	26°31'	17°36'	3°32'	3°24'	18°D 9'	19°16'	25°29'	5°57'								
T 23	14 3 55	2°47'17"	2 ^h II59'	8° 6'	6° 5'	27°38'	14°11'	26°28'	17°35'	3°32'	3°23'	18°10'	19°13'	25°35'	6° 1'								
W24	14 7 52	3°45'46"	15° 1'	8°35'	6° 1'	28°20'	14°19'	26°24'	17°33'	3°31'	3°21'	18°11'	19°10'	25°42'	6° 5'								
T 25	14 11 48	4°44'13"	27°13'	9° 9'	6°D 0'	29° 2'	14°26'	26°20'	17°32'	3°31'	3°19'	18°12'	19° 7'	25°49'	6°10'								
F 26	14 15 45	5°42'38"	9 ^h Σ38'	9°47'	6° 1'	29°44'	14°33'	26°16'	17°30'	3°30'	3°18'	18°13'	19° 3'	25°55'	6°14'								
S 27	14 19 42	6°41'01"	22°20'	10°29'	6° 5'	0 ^h II26'	14°40'	26°12'	17°29'	3°29'	3°16'	18°14'	19° 0'	26° 2'	6°18'								
S 28	14 23 38	7°39'21"	5 ^h Ω23'	11°14'	6°10'	1° 7'	14°46'	26° 7'	17°27'	3°29'	3°14'	18°R14'	18°57'	26° 9'	6°22'								
M29	14 27 35	8°37'40"	18°50'	12° 3'	6°18'	1°49'	14°53'	26° 3'	17°25'	3°28'	3°12'	18°14'	18°54'	26°15'	6°26'								
T 30	14 31 31	9 ^h Σ35'57"	2 ^h Π41'	12 ^h Υ55'	6 ^h Υ28'	2 ^h II31'	15 ^h Σ 0'	25 ^h Π59'	17 ^h ♁24'	3 ^h Σ27'	3 ^h Π11'	18 ^h Σ14'	18 ^h Σ51'	26 ^h Υ22'	6 ^h II31'								

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SWISS EPHEMERIS for the year 1985

MAY 1985

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Day	Sid.t	☉	☽	♀	♁	♂	♂	♁	♁	♁	♁	♁	♁	♁	♁
W 1	14 35 28	10♌34'11	16♍58	13♋50	6♊41	3♈12	15♎6	25°R55	17°R22	3°R26	3°R 9	18°R13	18♌48	26♋28	6♈35
T 2	14 39 24	11°32'23	1♌38	14°48	6°55	3°54	15°12	25♎51	17°R20	3♌26	3♎7	18♌12	18°44	26°35	6°39
F 3	14 43 21	12°30'34	16°35	15°49	7°11	4°35	15°18	25°46	17°18	3°25	3° 6	18°11	18°41	26°42	6°44
S 4	14 47 17	13°28'42	1♎43	16°53	7°29	5°17	15°24	25°42	17°16	3°24	3° 4	18°11	18°38	26°48	6°48
S 5	14 51 14	14°26'49	16°53	18° 0	7°49	5°58	15°29	25°38	17°14	3°23	3° 2	18°D11	18°35	26°55	6°52
M 6	14 55 11	15°24'54	1♌55	19° 9	8°11	6°39	15°35	25°33	17°12	3°22	3° 1	18°11	18°32	27° 2	6°57
T 7	14 59 7	16°22'58	16°41	20°21	8°35	7°21	15°40	25°29	17°10	3°21	2°59	18°11	18°29	27° 8	7° 1
W 8	15 3 4	17°21'00	1♌4	21°36	9° 0	8° 2	15°45	25°25	17° 8	3°20	2°58	18°11	18°25	27°15	7° 6
T 9	15 7 0	18°19'01	15° 2	22°53	9°27	8°43	15°50	25°20	17° 6	3°19	2°56	18°R11	18°22	27°22	7°10
F 10	15 10 57	19°17'01	28°33	24°12	9°56	9°24	15°55	25°16	17° 4	3°18	2°54	18°11	18°19	27°28	7°15
S 11	15 14 53	20°14'59	11♎38	25°34	10°26	10° 6	16° 0	25°11	17° 2	3°17	2°53	18°11	18°16	27°35	7°19
S 12	15 18 50	21°12'55	24°20	26°57	10°57	10°47	16° 4	25° 7	17° 0	3°16	2°51	18°D11	18°13	27°42	7°24
M13	15 22 46	22°10'51	6♋42	28°24	11°30	11°28	16° 9	25° 2	16°58	3°15	2°50	18°11	18° 9	27°48	7°28
T 14	15 26 43	23° 8'45	18°50	29°52	12° 4	12° 9	16°13	24°58	16°56	3°14	2°48	18°12	18° 6	27°55	7°33
W15	15 30 40	24° 6'38	0♋47	1♌22	12°40	12°50	16°17	24°53	16°54	3°13	2°46	18°12	18° 3	28° 2	7°38
T 16	15 34 36	25° 4'29	12°37	2°55	13°16	13°31	16°21	24°49	16°51	3°11	2°45	18°13	18° 0	28° 8	7°42
F 17	15 38 33	26° 2'20	24°24	4°30	13°54	14°12	16°24	24°44	16°49	3°10	2°43	18°14	17°57	28°15	7°47
S 18	15 42 29	27° 0'09	6♌12	6° 7	14°33	14°52	16°28	24°40	16°47	3° 9	2°42	18°14	17°54	28°22	7°51
S 19	15 46 26	27°57'56	18° 3	7°46	15°13	15°33	16°31	24°35	16°45	3° 8	2°40	18°R14	17°50	28°28	7°56
M20	15 50 22	28°55'43	29°59	9°28	15°54	16°14	16°34	24°31	16°42	3° 7	2°39	18°14	17°47	28°35	8° 1
T 21	15 54 19	29°53'28	12♈4	11°11	16°37	16°55	16°37	24°26	16°40	3° 5	2°37	18°13	17°44	28°42	8° 5
W22	15 58 15	0♈11'12	24°18	12°57	17°20	17°36	16°40	24°22	16°38	3° 4	2°36	18°12	17°41	28°48	8°10
T 23	16 2 12	1°48'54	6♌43	14°45	18° 4	18°16	16°42	24°17	16°35	3° 3	2°34	18°10	17°38	28°55	8°15
F 24	16 6 9	2°46'35	19°21	16°35	18°49	18°57	16°44	24°13	16°33	3° 1	2°33	18° 8	17°35	29° 2	8°19
S 25	16 10 5	3°44'15	2♌13	18°27	19°34	19°38	16°47	24° 9	16°31	3° 0	2°32	18° 6	17°31	29° 8	8°24
S 26	16 14 2	4°41'53	15°22	20°21	20°21	20°18	16°49	24° 4	16°28	2°59	2°30	18° 5	17°28	29°15	8°29
M27	16 17 58	5°39'29	28°48	22°17	21° 8	20°59	16°50	24° 0	16°26	2°57	2°29	18° 4	17°25	29°22	8°34
T 28	16 21 55	6°37'04	12♎34	24°16	21°57	21°39	16°52	23°56	16°23	2°56	2°28	18°D 4	17°22	29°28	8°38
W29	16 25 51	7°34'37	26°38	26°16	22°45	22°20	16°53	23°51	16°21	2°54	2°26	18° 4	17°19	29°35	8°43
T 30	16 29 48	8°32'09	11♌0	28°18	23°35	23° 0	16°55	23°47	16°19	2°53	2°25	18° 6	17°15	29°41	8°48
F 31	16 33 44	9♈29'40	25♌37	0♈22	24♋25	23♈40	16♎56	23♎43	16♌16	2♌52	2♎24	18♌7	17♌12	29♋48	8♈52

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JUNE 1985

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Day	Sid.t	☉	☽	♀	♁	♂	♂	♁	♁	♁	♁	♁	♁	♁	♁
S 1	16 37 41	10♈27'09	10♎26	2♈28	25♋16	24♈21	16♎56	23°R38	16°R14	2°R50	2°R23	18♌8	17♌9	29♋55	8♈57
S 2	16 41 38	11°24'38	25°19	4°35	26° 8	25° 1	16°57	23♎34	16♌11	2♌49	2♎21	18°R 8	17° 6	0♌1	9° 2
M 3	16 45 34	12°22'05	10♌10	6°44	27° 0	25°41	16°57	23°30	16° 9	2°47	2°20	18° 7	17° 3	0° 8	9° 7
T 4	16 49 31	13°19'31	24°50	8°54	27°53	26°22	16°58	23°26	16° 6	2°46	2°19	18° 4	17° 0	0°15	9°11
W 5	16 53 27	14°16'57	9♌13	11° 4	28°46	27° 2	16°R58	23°22	16° 4	2°44	2°18	18° 1	16°56	0°21	9°16
T 6	16 57 24	15°14'21	23°14	13°16	29°40	27°42	16°58	23°18	16° 1	2°43	2°17	17°57	16°53	0°28	9°21
F 7	17 1 20	16°11'45	6♎49	15°28	0♌34	28°22	16°57	23°14	15°59	2°41	2°16	17°53	16°50	0°35	9°25
S 8	17 5 17	17° 9'08	17°09	17°40	1°29	29° 2	16°57	23°10	15°56	2°40	2°14	17°50	16°47	0°41	9°30
S 9	17 9 14	18° 6'31	2♋45	19°52	2°25	29°42	16°56	23° 6	15°54	2°38	2°13	17°48	16°44	0°48	9°35
M10	17 13 10	19° 3'53	15°10	22° 3	3°21	0♌22	16°55	23° 2	15°51	2°36	2°12	17°D47	16°41	0°55	9°39
T 11	17 17 7	20° 1'14	27°18	24°15	4°17	1° 2	16°54	22°59	15°49	2°35	2°11	17°47	16°37	1° 1	9°44
W12	17 21 3	20°58'35	9♋14	26°25	5°14	1°42	16°53	22°55	15°47	2°33	2°10	17°48	16°34	1° 8	9°49
T 13	17 25 0	21°55'55	21° 4	28°34	6°11	2°22	16°52	22°51	15°44	2°32	2°10	17°50	16°31	1°15	9°53
F 14	17 28 56	22°53'15	2♌51	0♌41	7° 9	3° 2	16°50	22°48	15°42	2°30	2° 9	17°51	16°28	1°21	9°58
S 15	17 32 53	23°50'35	14°41	2°48	8° 7	3°42	16°48	22°44	15°39	2°29	2° 8	17°R52	16°25	1°28	10° 3
S 16	17 36 49	24°47'54	26°37	4°52	9° 5	4°22	16°46	22°41	15°37	2°27	2° 7	17°52	16°21	1°35	10° 7
M17	17 40 46	25°45'13	8♈42	6°55	10° 4	5° 2	16°44	22°37	15°34	2°25	2° 6	17°50	16°18	1°41	10°12
T 18	17 44 43	26°42'31	20°59	8°56	11° 3	5°41	16°42	22°34	15°32	2°24	2° 5	17°46	16°15	1°48	10°16
W19	17 48 39	27°39'49	3♌29	10°55	12° 3	6°21	16°39	22°31	15°30	2°22	2° 4	17°41	16°12	1°54	10°21
T 20	17 52 36	28°37'06	16°12	12°51	13° 3	7° 1	16°36	22°28	15°27	2°21	2° 4	17°34	16° 9	2° 1	10°26
F 21	17 56 32	29°34'23	29°10	14°46	14° 3	7°41	16°33	22°24	15°25	2°19	2° 3	17°27	16° 6	2° 8	10°30
S 22	18 0 29	0♌31'39	12♎21	16°38	15° 3	8°20	16°30	22°21	15°22	2°17	2° 2	17°20	16° 2	2°14	10°35
S 23	18 4 25	1°28'54	25°45	18°29	16° 4	9° 0	16°27	22°18	15°20	2°16	2° 2	17°14	15°59	2°21	10°39
M24	18 8 22	2°26'09	9♎21	20°17	17° 5	9°39	16°23	22°15	15°18	2°14	2° 1	17°10	15°56	2°28	10°44
T 25	18 12 18	3°23'23	23° 9	22° 2	18° 7	10°19	16°20	22°13	15°15	2°12	2° 0	17° 8	15°53	2°34	10°48
W26	18 16 15	4°20'37	7♌8	23°46	19° 8	10°58	16°16	22°10	15°13	2°11	2° 0	17°D 8	15°50	2°41	10°53
T 27	18 20 12	5°17'50	21°18	25°27	20°10	11°38	16°12	22° 7	15°11	2° 9	1°59	17° 8	15°47	2°48	10°57
F 28	18 24 8	6°15'02	5♎37	27° 6	21°12	12°17	16° 8	22° 5	15° 9	2° 8	1°59	17° 9	15°43	2°54	11° 1
S 29	18 28 5	7°12'14	20° 2	28°43	22°15	12°57	16° 3	22° 2	15° 6	2° 6	1°58	17°R10	15°40	3° 1	11° 6
S 30	18 32 1	8♌9'26	4♌32	0♈17	23♌17	13♌36	15♎59	22♎0	15♌4	2♌4	1♎58	17♌9	15♌37	3♌8	11♈10

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SWISS EPHEMERIS for the year 1985

JULY 1985

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	18 35 58	9♄ 6'37	19♂ 0	1♁49	24♂20	14♄16	15°R54	21°R57	15°R 2	2°R 3	1°R58	17°R 5	15♂34	3♂14	11♂15		
T 2	18 39 54	10° 3'48	3♂21	3°19	25°24	14°55	15°R49	21♂55	15♂ 0	2♂ 1	1♂57	17♂ 0	15°31	3°21	11°19		
W 3	18 43 51	11° 0'59	17°31	4°47	26°27	15°34	15°R44	21°53	14°58	2° 0	1°57	16°52	15°27	3°28	11°23		
T 4	18 47 47	11°58'10	1♂22	6°12	27°31	16°14	15°39	21°51	14°56	1°58	1°57	16°43	15°24	3°34	11°27		
F 5	18 51 44	12°55'21	14°53	7°34	28°34	16°53	15°34	21°49	14°53	1°56	1°56	16°34	15°21	3°41	11°32		
S 6	18 55 41	13°52'32	28° 2	8°55	29°39	17°32	15°29	21°47	14°51	1°55	1°56	16°26	15°18	3°48	11°36		
S 7	18 59 37	14°49'44	10♂47	10°12	0♂43	18°11	15°23	21°45	14°49	1°53	1°56	16°19	15°15	3°54	11°40		
M 8	19 3 34	15°46'55	23°13	11°28	1°47	18°51	15°17	21°43	14°47	1°52	1°56	16°15	15°12	4° 1	11°44		
T 9	19 7 30	16°44'07	5♂22	12°40	2°52	19°30	15°11	21°42	14°45	1°50	1°56	16°12	15° 8	4° 7	11°48		
W10	19 11 27	17°41'20	17°19	13°50	3°57	20° 9	15° 5	21°40	14°43	1°49	1°56	16°D11	15° 5	4°14	11°52		
T 11	19 15 23	18°38'32	29° 9	14°58	5° 2	20°48	14°59	21°39	14°42	1°47	1°55	16°12	15° 2	4°21	11°57		
F 12	19 19 20	19°35'46	10♂57	16° 2	6° 7	21°27	14°53	21°37	14°40	1°46	1°D55	16°R13	14°59	4°27	12° 1		
S 13	19 23 16	20°32'59	22°49	17° 4	7°13	22° 6	14°47	21°36	14°38	1°44	1°55	16°12	14°56	4°34	12° 5		
S 14	19 27 13	21°30'14	4♂50	18° 3	8°18	22°45	14°40	21°35	14°36	1°43	1°56	16°11	14°53	4°41	12° 9		
M15	19 31 10	22°27'29	17° 3	18°58	9°24	23°24	14°34	21°34	14°34	1°41	1°56	16° 7	14°49	4°47	12°12		
T 16	19 35 6	23°24'44	29°31	19°51	10°30	24° 3	14°27	21°33	14°32	1°40	1°56	16° 0	14°46	4°54	12°16		
W17	19 39 3	24°22'00	12♂17	20°40	11°36	24°42	14°20	21°32	14°31	1°38	1°56	15°51	14°43	5° 1	12°20		
T 18	19 42 59	25°19'16	25°21	21°26	12°43	25°21	14°13	21°31	14°29	1°37	1°56	15°41	14°40	5° 7	12°24		
F 19	19 46 56	26°16'33	8♂42	22° 8	13°49	26° 0	14° 6	21°30	14°27	1°35	1°56	15°30	14°37	5°14	12°28		
S 20	19 50 52	27°13'50	22°17	22°46	14°56	26°39	13°59	21°30	14°26	1°34	1°56	15°19	14°33	5°21	12°32		
S 21	19 54 49	28°11'07	6♂ 3	23°21	16° 2	27°18	13°52	21°29	14°24	1°32	1°57	15° 9	14°30	5°27	12°35		
M22	19 58 46	29° 8'25	19°59	23°51	17° 9	27°57	13°45	21°29	14°23	1°31	1°57	15° 2	14°27	5°34	12°39		
T 23	20 2 42	0♁ 5'43	4♁ 0	24°17	18°16	28°36	13°37	21°28	14°21	1°30	1°57	14°57	14°24	5°41	12°43		
W24	20 6 39	1° 3'01	18° 5	24°39	19°23	29°15	13°30	21°28	14°20	1°28	1°58	14°55	14°21	5°47	12°46		
T 25	20 10 35	2° 0'20	2♂12	24°56	20°31	29°53	13°23	21°28	14°18	1°27	1°58	14°D54	14°18	5°54	12°50		
F 26	20 14 32	2°57'39	16°20	25° 9	21°38	0♁32	13°15	21°D28	14°17	1°26	1°59	14°R55	14°14	6° 0	12°53		
S 27	20 18 28	3°54'58	0♂28	25°16	22°46	1°11	13° 8	21°28	14°16	1°24	1°59	14°54	14°11	6° 7	12°57		
S 28	20 22 25	4°52'18	14°35	25°R19	23°53	1°50	13° 0	21°28	14°15	1°23	2° 0	14°51	14° 8	6°14	13° 0		
M29	20 26 21	5°49'38	28°38	25°17	25° 1	2°28	12°52	21°29	14°13	1°22	2° 0	14°46	14° 5	6°20	13° 3		
T 30	20 30 18	6°46'59	12♂34	25° 9	26° 9	3° 7	12°45	21°29	14°12	1°20	2° 1	14°39	14° 2	6°27	13° 7		
W31	20 34 15	7♁44'21	26♂21	24♁57	27♂17	3♁46	12°R37	21♂29	14°11	1♂19	2♂1	14♂28	13♂59	6♂34	13♂10		

Delta T = 54.61 sec.

AUGUST 1985

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	20 38 11	8♁41'43	9♂54	24°R39	28♂26	4♁24	12°R29	21♂30	14°R10	1°R18	2♂ 2	14°R16	13♂55	6♂40	13♂13		
F 2	20 42 8	9°39'06	23°11	24♁16	29°34	5° 3	12°R21	21°31	14° 9	1♂17	2° 3	14♂ 4	13°52	6°47	13°16		
S 3	20 46 4	10°36'30	6♂ 9	23°49	0♄42	5°42	12°14	21°31	14° 8	1°16	2° 3	13°52	13°49	6°54	13°19		
S 4	20 50 1	11°33'55	18°48	23°17	1°51	6°20	12° 6	21°32	14° 7	1°14	2° 4	13°43	13°46	7° 0	13°22		
M 5	20 53 57	12°31'22	1♂10	22°40	3° 0	6°59	11°58	21°33	14° 6	1°13	2° 5	13°35	13°43	7° 7	13°25		
T 6	20 57 54	13°28'49	13°17	22° 1	4° 8	7°37	11°50	21°34	14° 5	1°12	2° 6	13°30	13°39	7°14	13°28		
W 7	21 1 50	14°26'18	25°13	21°18	5°17	8°16	11°42	21°35	14° 4	1°11	2° 7	13°28	13°36	7°20	13°31		
T 8	21 5 47	15°23'47	7♂ 3	20°32	6°26	8°55	11°35	21°36	14° 3	1°10	2° 8	13°27	13°33	7°27	13°34		
F 9	21 9 43	16°21'19	18°51	19°45	7°36	9°33	11°27	21°38	14° 3	1° 9	2° 8	13°27	13°30	7°34	13°37		
S 10	21 13 40	17°18'51	0♂44	18°56	8°45	10°12	11°19	21°39	14° 2	1° 8	2° 9	13°27	13°27	7°40	13°40		
S 11	21 17 37	18°16'25	12°47	18° 8	9°54	10°50	11°11	21°41	14° 1	1° 7	2°10	13°25	13°24	7°47	13°42		
M12	21 21 33	19°14'01	25° 4	17°21	11° 4	11°28	11° 4	21°42	14° 1	1° 6	2°11	13°21	13°20	7°53	13°45		
T 13	21 25 30	20°11'38	7♄40	16°35	12°13	12° 7	10°56	21°44	14° 0	1° 5	2°12	13°14	13°17	8° 0	13°48		
W14	21 29 26	21° 9'16	20°37	15°52	13°23	12°45	10°48	21°46	14° 0	1° 4	2°14	13° 5	13°14	8° 7	13°50		
T 15	21 33 23	22° 6'55	3♁57	15°13	14°33	13°24	10°41	21°48	13°59	1° 3	2°15	12°54	13°11	8°13	13°53		
F 16	21 37 19	23° 4'36	17°38	14°38	15°43	14° 2	10°33	21°50	13°59	1° 3	2°16	12°43	13° 8	8°20	13°55		
S 17	21 41 16	24° 2'18	1♂37	14° 8	16°53	14°41	10°26	21°52	13°59	1° 2	2°17	12°31	13° 5	8°27	13°57		
S 18	21 45 13	25° 0'02	15°49	13°44	18° 3	15°19	10°19	21°54	13°58	1° 1	2°18	12°21	13° 1	8°33	14° 0		
M19	21 49 9	25°57'46	0♁10	13°27	19°13	15°57	10°11	21°56	13°58	1° 0	2°19	12°13	12°58	8°40	14° 2		
T 20	21 53 6	26°55'32	14°33	13°16	20°24	16°36	10° 4	21°59	13°58	0°59	2°21	12° 8	12°55	8°47	14° 4		
W21	21 57 2	27°53'19	28°54	13°D13	21°34	17°14	9°57	22° 1	13°58	0°59	2°22	12° 6	12°52	8°53	14° 6		
T 22	22 0 59	28°51'07	13♂10	13°17	22°44	17°52	9°50	22° 4	13°58	0°58	2°23	12°D 5	12°49	9° 0	14° 8		
F 23	22 4 55	29°48'56	27°18	13°29	23°55	18°31	9°43	22° 6	13°D58	0°57	2°25	12°R 6	12°45	9° 7	14°10		
S 24	22 8 52	0♂46'46	11♂19	13°49	25° 6	19° 9	9°36	22° 9	13°58	0°57	2°26	12° 5	12°42	9°13	14°12		
S 25	22 12 48	1°44'38	25°11	14°16	26°16	19°47	9°30	22°12	13°58	0°56	2°27	12° 3	12°39	9°20	14°14		
M26	22 16 45	2°42'30	8♂35	14°51	27°27	20°25	9°23	22°15	13°58	0°56	2°29	11°59	12°36	9°26	14°16		
T 27	22 20 42	3°40'24	22°27	15°34	28°38	21° 4	9°17	22°18	13°58	0°55	2°30	11°52	12°33	9°33	14°18		
W28	22 24 38	4°38'20	5♂49	16°25	29°49	21°42	9°10	22°21	13°58	0°55	2°32	11°42	12°30	9°40	14°19		
T 29	22 28 35	5°36'16	18°59	17°22	1♁ 0	22°20	9° 4	22°24	13°59	0°54	2°33	11°32	12°26	9°46	14°21		
F 30	22 32 31	6°34'15	1♂55	18°27	2°12	22°58	8°58	22°27	13°59	0°54	2°35	11°20	12°23	9°53	14°23		
S 31	22 36 28	7♂32'14	14♂37	19♁38	3♁23	23♁36	8°R52	22♂31	13°59	0♂53	2♂36	11♂10	12♂20	10♂ 0	14♂24		

Delta T = 54.65 sec.

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SWISS EPHEMERIS for the year 1985

SEPTEMBER 1985

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁
S 1	22 40 24	8 ^h 30'15"	27 ^h 5'	20 ^h 55'	4 ^h 34'	24 ^h 15'	8 ^h R46	22 ^h M34	14 ^h 7'0"	0 ^h R53	2 ^h M38	11 ^h R 1	12 ^h 8'17"	10 ^h 8'6"	14 ^h II26
M 2	22 44 21	9 ^h 28'18"	9 ^h Y'19	22 ^h 17'	5 ^h 46'	24 ^h 53'	8 ^h A40	22 ^h 37'	14 ^h 0'0"	0 ^h Z53	2 ^h 40'	10 ^h 8'54"	12 ^h 14'	10 ^h 13'	14 ^h 27'
T 3	22 48 17	10 ^h 26'23"	21 ^h 21'	23 ^h 45'	6 ^h 57'	25 ^h 31'	8 ^h 35'	22 ^h 41'	14 ^h 1'0"	0 ^h 52'	2 ^h 41'	10 ^h 50'	12 ^h 11'	10 ^h 20'	14 ^h 28'
W 4	22 52 14	11 ^h 24'30"	3 ^h B14	25 ^h 18'	8 ^h 9'	26 ^h 9'	8 ^h 29'	22 ^h 45'	14 ^h 1'0"	0 ^h 52'	2 ^h 43'	10 ^h 48'	12 ^h 7'	10 ^h 26'	14 ^h 29'
T 5	22 56 10	12 ^h 22'39"	15 ^h 2'	26 ^h 55'	9 ^h 20'	26 ^h 47'	8 ^h 24'	22 ^h 48'	14 ^h 2'0"	0 ^h 52'	2 ^h 45'	10 ^h D47	12 ^h 4'	10 ^h 33'	14 ^h 31'
F 6	23 0 7	13 ^h 20'49"	26 ^h 49'	28 ^h 35'	10 ^h 32'	27 ^h 25'	8 ^h 19'	22 ^h 52'	14 ^h 3'0"	0 ^h 51'	2 ^h 46'	10 ^h 48'	12 ^h 1'	10 ^h 40'	14 ^h 32'
S 7	23 4 4	14 ^h 19'02"	8 ^h II41	0 ^h 19'	11 ^h 44'	28 ^h 3'	8 ^h 14'	22 ^h 56'	14 ^h 3'0"	0 ^h 51'	2 ^h 48'	10 ^h R49	11 ^h 58'	10 ^h 46'	14 ^h 33'
S 8	23 8 0	15 ^h 17'16"	20 ^h 44'	2 ^h 5'	12 ^h 56'	28 ^h 41'	8 ^h 9'	23 ^h 0'	14 ^h 4'0"	0 ^h 51'	2 ^h 50'	10 ^h 49'	11 ^h 55'	10 ^h 53'	14 ^h 34'
M 9	23 11 57	16 ^h 15'33"	3 ^h E 1	3 ^h 54'	14 ^h 8'	29 ^h 20'	8 ^h 4'	23 ^h 4'	14 ^h 5'0"	0 ^h 51'	2 ^h 52'	10 ^h 47'	11 ^h 51'	11 ^h 0'	14 ^h 35'
T 10	23 15 53	17 ^h 13'52"	15 ^h 38'	5 ^h 44'	15 ^h 20'	29 ^h 58'	8 ^h 0'	23 ^h 8'	14 ^h 6'0"	0 ^h 51'	2 ^h 54'	10 ^h 44'	11 ^h 48'	11 ^h 6'	14 ^h 35'
W 11	23 19 50	18 ^h 12'13"	28 ^h 39'	7 ^h 36'	16 ^h 32'	0 ^h 19'36"	7 ^h 56'	23 ^h 12'	14 ^h 7'0"	0 ^h 51'	2 ^h 55'	10 ^h 38'	11 ^h 45'	11 ^h 13'	14 ^h 36'
T 12	23 23 46	19 ^h 10'36"	12 ^h 9'	9 ^h 29'	17 ^h 45'	1 ^h 14'	7 ^h 51'	23 ^h 17'	14 ^h 8'0"	0 ^h D51	2 ^h 57'	10 ^h 31'	11 ^h 42'	11 ^h 19'	14 ^h 37'
F 13	23 27 43	20 ^h 9'00"	25 ^h 57'	11 ^h 22'	18 ^h 57'	1 ^h 52'	7 ^h 47'	23 ^h 21'	14 ^h 9'0"	0 ^h 51'	2 ^h 59'	10 ^h 23'	11 ^h 39'	11 ^h 26'	14 ^h 37'
S 14	23 31 39	21 ^h 7'27"	10 ^h 19'12"	13 ^h 15'	20 ^h 9'	2 ^h 30'	7 ^h 44'	23 ^h 26'	14 ^h 10'0"	0 ^h 51'	3 ^h 1'	10 ^h 15'	11 ^h 36'	11 ^h 33'	14 ^h 38'
S 15	23 35 36	22 ^h 5'56"	24 ^h 45'	15 ^h 9'	21 ^h 22'	3 ^h 8'	7 ^h 40'	23 ^h 30'	14 ^h 11'0"	0 ^h 51'	3 ^h 3'	10 ^h 8'	11 ^h 32'	11 ^h 39'	14 ^h 38'
M 16	23 39 33	23 ^h 4'26"	9 ^h A30	17 ^h 3'	22 ^h 35'	3 ^h 46'	7 ^h 37'	23 ^h 35'	14 ^h 12'0"	0 ^h 51'	3 ^h 5'	10 ^h 2'	11 ^h 29'	11 ^h 46'	14 ^h 39'
T 17	23 43 29	24 ^h 2'58"	24 ^h 17'	18 ^h 56'	23 ^h 47'	4 ^h 24'	7 ^h 33'	23 ^h 39'	14 ^h 14'0"	0 ^h 51'	3 ^h 7'	9 ^h 59'	11 ^h 26'	11 ^h 53'	14 ^h 39'
W 18	23 47 26	25 ^h 1'32"	9 ^h M 1	20 ^h 49'	25 ^h 0'	5 ^h 2'	7 ^h 30'	23 ^h 44'	14 ^h 15'0"	0 ^h 51'	3 ^h 9'	9 ^h D58	11 ^h 23'	11 ^h 59'	14 ^h 39'
T 19	23 51 22	26 ^h 0'08"	23 ^h 35'	22 ^h 41'	26 ^h 13'	5 ^h 40'	7 ^h 27'	23 ^h 49'	14 ^h 16'0"	0 ^h 52'	3 ^h 11'	9 ^h 59'	11 ^h 20'	12 ^h 6'	14 ^h 40'
F 20	23 55 19	26 ^h 58'46"	7 ^h A56	24 ^h 33'	27 ^h 25'	6 ^h 18'	7 ^h 25'	23 ^h 54'	14 ^h 18'0"	0 ^h 52'	3 ^h 13'	10 ^h 0'	11 ^h 16'	12 ^h 13'	14 ^h 40'
S 21	23 59 15	27 ^h 57'25"	22 ^h 1'	26 ^h 24'	28 ^h 38'	6 ^h 56'	7 ^h 22'	23 ^h 59'	14 ^h 19'0"	0 ^h 52'	3 ^h 15'	10 ^h R 1	11 ^h 13'	12 ^h 19'	14 ^h R40
S 22	0 3 12	28 ^h 56'06"	5 ^h Z49	28 ^h 14'	29 ^h 51'	7 ^h 34'	7 ^h 20'	24 ^h 4'	14 ^h 21'0"	0 ^h 52'	3 ^h 17'	10 ^h 1'	11 ^h 10'	12 ^h 26'	14 ^h 40'
M 23	0 7 8	29 ^h 54'48"	19 ^h 22'	0 ^h A 4	1 ^h 19'4"	8 ^h 12'	7 ^h 18'	24 ^h 9'	14 ^h 22'0"	0 ^h 53'	3 ^h 19'	9 ^h 59'	11 ^h 7'	12 ^h 33'	14 ^h 40'
T 24	0 11 5	0 ^h A53'32"	2 ^h A39	1 ^h 52'	2 ^h 17'	8 ^h 49'	7 ^h 16'	24 ^h 14'	14 ^h 24'0"	0 ^h 53'	3 ^h 21'	9 ^h 56'	11 ^h 4'	12 ^h 39'	14 ^h 39'
W 25	0 15 2	1 ^h 52'18"	15 ^h 41'	3 ^h 39'	3 ^h 30'	9 ^h 27'	7 ^h 14'	24 ^h 19'	14 ^h 25'0"	0 ^h 53'	3 ^h 24'	9 ^h 51'	11 ^h 1'	12 ^h 46'	14 ^h 39'
T 26	0 18 58	2 ^h 51'06"	28 ^h 30'	5 ^h 26'	4 ^h 44'	10 ^h 5'	7 ^h 13'	24 ^h 24'	14 ^h 27'0"	0 ^h 54'	3 ^h 26'	9 ^h 45'	10 ^h 57'	12 ^h 52'	14 ^h 39'
F 27	0 22 55	3 ^h 49'55"	11 ^h H 6	7 ^h 12'	5 ^h 57'	10 ^h 43'	7 ^h 11'	24 ^h 30'	14 ^h 29'0"	0 ^h 54'	3 ^h 28'	9 ^h 38'	10 ^h 54'	12 ^h 59'	14 ^h 39'
S 28	0 26 51	4 ^h 48'46"	23 ^h 30'	8 ^h 56'	7 ^h 10'	11 ^h 21'	7 ^h 10'	24 ^h 35'	14 ^h 31'0"	0 ^h 55'	3 ^h 30'	9 ^h 32'	10 ^h 51'	13 ^h 6'	14 ^h 38'
S 29	0 30 48	5 ^h 47'39"	5 ^h Y44	10 ^h 40'	8 ^h 24'	11 ^h 59'	7 ^h 9'	24 ^h 40'	14 ^h 32'0"	0 ^h 55'	3 ^h 32'	9 ^h 27'	10 ^h 48'	13 ^h 12'	14 ^h 38'
M 30	0 34 44	6 ^h A46'34"	17 ^h Y47	12 ^h A23	9 ^h 19'37"	12 ^h 19'37"	7 ^h A 8	24 ^h M46	14 ^h A34	0 ^h Z56	3 ^h M34	9 ^h B24	10 ^h B45	13 ^h B19	14 ^h II37

Delta T = 54.70 sec.

OCTOBER 1985

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁
T 1	0 38 41	7 ^h A45'31"	29 ^h Y43	14 ^h A 5	10 ^h 19'51"	13 ^h 19'15"	7 ^h R 8	24 ^h M51	14 ^h A36	0 ^h Z57	3 ^h M37	9 ^h R22	10 ^h B42	13 ^h B26	14 ^h R36
W 2	0 42 37	8 ^h 44'31"	11 ^h B33	15 ^h 46'	12 ^h 4'	13 ^h 52'	7 ^h A 7	24 ^h 57'	14 ^h 38'	0 ^h 57'	3 ^h 39'	9 ^h D21	10 ^h 38'	13 ^h 32'	14 ^h II36
T 3	0 46 34	9 ^h 43'32"	23 ^h 19'	17 ^h 27'	13 ^h 18'	14 ^h 30'	7 ^h D 7	25 ^h 3'	14 ^h 40'	0 ^h 58'	3 ^h 41'	9 ^h B22	10 ^h 35'	13 ^h 39'	14 ^h 35'
F 4	0 50 31	10 ^h 42'36"	5 ^h II 7	19 ^h 6'	14 ^h 31'	15 ^h 8'	7 ^h 7'	25 ^h 8'	14 ^h 42'	0 ^h 59'	3 ^h 43'	9 ^h 24'	10 ^h 32'	13 ^h 46'	14 ^h 34'
S 5	0 54 27	11 ^h 41'42"	16 ^h 59'	20 ^h 45'	15 ^h 45'	15 ^h 46'	7 ^h 8'	25 ^h 14'	14 ^h 44'	0 ^h 59'	3 ^h 46'	9 ^h 25'	10 ^h 29'	13 ^h 52'	14 ^h 33'
S 6	0 58 24	12 ^h 40'51"	29 ^h 0'	22 ^h 23'	16 ^h 59'	16 ^h 24'	7 ^h 8'	25 ^h 20'	14 ^h 46'	1 ^h 0'	3 ^h 48'	9 ^h 27'	10 ^h 26'	13 ^h 59'	14 ^h 32'
M 7	1 2 20	13 ^h 40'01"	11 ^h E15	24 ^h 0'	18 ^h 13'	17 ^h 2'	7 ^h 9'	25 ^h 26'	14 ^h 49'	1 ^h 1'	3 ^h 50'	9 ^h R28	10 ^h 22'	14 ^h 6'	14 ^h 31'
T 8	1 6 17	14 ^h 39'15"	23 ^h 49'	25 ^h 36'	19 ^h 27'	17 ^h 39'	7 ^h 9'	25 ^h 32'	14 ^h 51'	1 ^h 2'	3 ^h 53'	9 ^h 27'	10 ^h 19'	14 ^h 12'	14 ^h 30'
W 9	1 10 13	15 ^h 38'30"	6 ^h Q46	27 ^h 11'	20 ^h 41'	18 ^h 17'	7 ^h 10'	25 ^h 38'	14 ^h 53'	1 ^h 2'	3 ^h 55'	9 ^h 26'	10 ^h 16'	14 ^h 19'	14 ^h 29'
T 10	1 14 10	16 ^h 37'47"	20 ^h 9'	28 ^h 46'	21 ^h 55'	18 ^h 55'	7 ^h 12'	25 ^h 44'	14 ^h 55'	1 ^h 3'	3 ^h 57'	9 ^h 24'	10 ^h 13'	14 ^h 25'	14 ^h 27'
F 11	1 18 6	17 ^h 37'07"	4 ^h 19'0"	0 ^h M20	23 ^h 9'	19 ^h 33'	7 ^h 13'	25 ^h 50'	14 ^h 58'	1 ^h 4'	4 ^h 0'	9 ^h 21'	10 ^h 10'	14 ^h 32'	14 ^h 26'
S 12	1 22 3	18 ^h 36'29"	18 ^h 17'	1 ^h 53'	24 ^h 23'	20 ^h 11'	7 ^h 15'	25 ^h 56'	15 ^h 0'0"	1 ^h 5'	4 ^h 2'	9 ^h 18'	10 ^h 7'	14 ^h 39'	14 ^h 25'
S 13	1 26 0	19 ^h 35'54"	2 ^h A58	3 ^h 26'	25 ^h 37'	20 ^h 48'	7 ^h 16'	26 ^h 2'	15 ^h 3'	1 ^h 6'	4 ^h 4'	9 ^h 15'	10 ^h 3'	14 ^h 45'	14 ^h 23'
M 14	1 29 56	20 ^h 35'20"	17 ^h 55'	4 ^h 58'	26 ^h 51'	21 ^h 26'	7 ^h 18'	26 ^h 9'	15 ^h 5'	1 ^h 7'	4 ^h 7'	9 ^h 13'	10 ^h 0'	14 ^h 52'	14 ^h 22'
T 15	1 33 53	21 ^h 34'48"	3 ^h M 1	6 ^h 29'	28 ^h 5'	22 ^h 4'</									

SWISS EPHEMERIS for the year 1985

NOVEMBER 1985

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	2 40 54	8♐30'29	13♊49	0♋23	19♌13	2♍44	8♎27	28♏7	15♐55	1♑30	4♒50	9♓11	9♓3	16♈52	13♉43
S 2	2 44 51	9°30'31	25°44	1°38	20°28	3°22	8°32	28°14	15°58	1°32	4°53	9°R11	9°0	16°58	13♊41
S 3	2 48 47	10°30'34	7♌48	2°52	21°43	3°59	8°38	28°21	16°2	1°33	4°55	9°11	8°57	17°5	13°38
M 4	2 52 44	11°30'40	20°4	4°4	22°58	4°37	8°44	28°28	16°5	1°35	4°57	9°11	8°53	17°12	13°35
T 5	2 56 40	12°30'48	2♌36	5°14	24°13	5°14	8°50	28°35	16°8	1°37	5°0	9°10	8°50	17°18	13°33
W 6	3 0 37	13°30'58	15°28	6°22	25°28	5°52	8°56	28°42	16°11	1°38	5°2	9°D10	8°47	17°25	13°30
T 7	3 4 33	14°31'10	28°42	7°28	26°43	6°30	9°2	28°49	16°14	1°40	5°5	9°11	8°44	17°32	13°27
F 8	3 8 30	15°31'24	12♎23	8°30	27°58	7°7	9°9	28°56	16°18	1°42	5°7	9°11	8°41	17°38	13°24
S 9	3 12 27	16°31'40	26°29	9°30	29°13	7°45	9°16	29°3	16°21	1°43	5°9	9°12	8°38	17°45	13°21
S 10	3 16 23	17°31'58	11♌1	10°27	0♍28	8°22	9°22	29°10	16°24	1°45	5°12	9°12	8°34	17°51	13°18
M 11	3 20 20	18°32'18	25°55	11°20	1°43	9°0	9°29	29°17	16°28	1°47	5°14	9°13	8°31	17°58	13°15
T 12	3 24 16	19°32'39	11♎3	12°8	2°58	9°37	9°37	29°24	16°31	1°49	5°17	9°R13	8°28	18°5	13°12
W 13	3 28 13	20°33'03	26°17	12°52	4°13	10°15	9°44	29°31	16°34	1°50	5°19	9°13	8°25	18°11	13°9
T 14	3 32 9	21°33'28	11♋27	13°31	5°28	10°52	9°51	29°38	16°38	1°52	5°21	9°12	8°22	18°18	13°6
F 15	3 36 6	22°33'55	26°23	14°3	6°44	11°30	9°59	29°45	16°41	1°54	5°24	9°10	8°19	18°25	13°3
S 16	3 40 2	23°34'24	10♌59	14°29	7°59	12°7	10°7	29°52	16°45	1°56	5°26	9°8	8°15	18°31	12°59
S 17	3 43 59	24°34'53	25°8	14°48	9°14	12°45	10°15	29°59	16°48	1°58	5°28	9°7	8°12	18°38	12°56
M 18	3 47 56	25°35'24	8♎50	14°58	10°29	13°22	10°23	0♋6	16°51	2°0	5°31	9°5	8°9	18°45	12°53
T 19	3 51 52	26°35'56	22°5	15°R0	11°44	13°59	10°31	0°14	16°55	2°2	5°33	9°D4	8°6	18°51	12°50
W 20	3 55 49	27°36'30	4♋56	14°52	13°0	14°37	10°39	0°21	16°58	2°4	5°35	9°4	8°3	18°58	12°46
T 21	3 59 45	28°37'04	17°25	14°34	14°15	15°14	10°48	0°28	17°2	2°6	5°38	9°5	7°59	19°5	12°43
F 22	4 3 42	29°37'40	29°39	14°5	15°30	15°52	10°56	0°35	17°5	2°8	5°40	9°7	7°56	19°11	12°40
S 23	4 7 38	0♋38'17	11♑40	13°26	16°46	16°29	11°5	0°42	17°9	2°10	5°42	9°9	7°53	19°18	12°36
S 24	4 11 35	1°38'55	23°33	12°36	18°1	17°6	11°14	0°49	17°13	2°12	5°44	9°10	7°50	19°25	12°33
M 25	4 15 31	2°39'34	5♌21	11°36	19°16	17°44	11°23	0°56	17°16	2°14	5°47	9°R11	7°47	19°31	12°29
T 26	4 19 28	3°40'15	17°8	10°28	20°32	18°21	11°32	1°4	17°20	2°16	5°49	9°11	7°44	19°38	12°26
W 27	4 23 25	4°40'57	28°57	9°13	21°47	18°58	11°42	1°11	17°23	2°18	5°51	9°9	7°40	19°44	12°23
T 28	4 27 21	5°41'40	10♊49	7°52	23°2	19°36	11°51	1°18	17°27	2°20	5°53	9°6	7°37	19°51	12°19
F 29	4 31 18	6°42'24	22°47	6°30	24°18	20°13	12°1	1°25	17°31	2°22	5°55	9°2	7°34	19°58	12°16
S 30	4 35 14	7°43'10	4♌51	5♋8	25♎33	20♌50	12♎10	1♋32	17♎34	2♌24	5♍58	8♈57	7♉31	20♈4	12♊12

Delta T = 54.78 sec.

DECEMBER 1985

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	4 39 11	8♋43'58	17♌5	3°R50	26♍48	21♌27	12♎20	1♋39	17♎38	2♌26	6♍0	8°R52	7♉28	20♈11	12°R9
M 2	4 43 7	9°44'46	29°29	2♋37	28°4	22°5	12°30	1°46	17°41	2°28	6°2	8♈47	7°25	20°18	12♊5
T 3	4 47 4	10°45'36	12♏6	1°32	29°19	22°42	12°40	1°53	17°45	2°30	6°4	8°42	7°21	20°24	12°2
W 4	4 51 0	11°46'27	24°58	0°37	0♋35	23°19	12°50	2°1	17°49	2°32	6°6	8°39	7°18	20°31	11°58
T 5	4 54 57	12°47'20	8♎8	29♍52	1°50	23°56	13°0	2°8	17°52	2°35	6°8	8°D38	7°15	20°38	11°55
F 6	4 58 54	13°48'14	21°38	29°19	3°5	24°34	13°11	2°15	17°56	2°37	6°10	8°38	7°12	20°44	11°51
S 7	5 2 50	14°49'09	5♌30	28°58	4°21	25°11	13°21	2°22	18°0	2°39	6°12	8°39	7°9	20°51	11°48
S 8	5 6 47	15°50'06	19°44	28°D47	5°36	25°48	13°32	2°29	18°3	2°41	6°14	8°41	7°5	20°58	11°44
M 9	5 10 43	16°51'04	4♍20	28°47	6°52	26°25	13°43	2°36	18°7	2°43	6°16	8°R42	7°2	21°4	11°41
T 10	5 14 40	17°52'03	19°12	28°58	8°7	27°2	13°53	2°43	18°11	2°46	6°18	8°42	6°59	21°11	11°37
W 11	5 18 36	18°53'03	4♋16	29°17	9°23	27°39	14°4	2°50	18°14	2°48	6°20	8°39	6°56	21°18	11°34
T 12	5 22 33	19°54'04	19°22	29°45	10°38	28°17	14°15	2°57	18°18	2°50	6°22	8°35	6°53	21°24	11°30
F 13	5 26 29	20°55'06	4♌21	0♋20	11°54	28°54	14°26	3°4	18°22	2°52	6°24	8°29	6°50	21°31	11°27
S 14	5 30 26	21°56'09	19°4	1°2	13°9	29°31	14°38	3°11	18°25	2°54	6°26	8°22	6°46	21°38	11°23
S 15	5 34 23	22°57'12	3♎24	1°49	14°25	0♍8	14°49	3°17	18°29	2°57	6°27	8°15	6°43	21°44	11°20
M 16	5 38 19	23°58'16	17°15	2°42	15°40	0°45	15°1	3°24	18°33	2°59	6°29	8°8	6°40	21°51	11°17
T 17	5 42 16	24°59'20	0♋38	3°40	16°56	1°22	15°12	3°31	18°36	3°1	6°31	8°3	6°37	21°57	11°13
W 18	5 46 12	26°0'25	13°34	4°41	18°11	1°59	15°24	3°38	18°40	3°3	6°33	8°1	6°34	22°4	11°10
T 19	5 50 9	27°1'30	26°6	5°46	19°27	2°36	15°35	3°45	18°44	3°6	6°35	8°D0	6°31	22°11	11°6
F 20	5 54 5	28°2'35	8♑19	6°54	20°42	3°13	15°47	3°51	18°47	3°8	6°36	8°0	6°27	22°17	11°3
S 21	5 58 2	29°3'40	20°17	8°5	21°58	3°50	15°59	3°58	18°51	3°10	6°38	8°1	6°24	22°24	11°0
S 22	6 1 59	0♌46	2♉8	9°18	23°13	4°26	16°11	4°5	18°54	3°12	6°40	8°R2	6°21	22°31	10°57
M 23	6 5 55	1°5'52	13°54	10°34	24°29	5°3	16°23	4°11	18°58	3°15	6°41	8°2	6°18	22°37	10°53
T 24	6 9 52	2°6'58	25°41	11°51	25°44	5°40	16°35	4°18	19°2	3°17	6°43	8°1	6°15	22°44	10°50
W 25	6 13 48	3°8'05	7♊33	13°10	27°0	6°17	16°48	4°25	19°5	3°19	6°44	7°56	6°11	22°51	10°47
T 26	6 17 45	4°9'12	19°32	14°30	28°15	6°54	17°0	4°31	19°9	3°22	6°46	7°49	6°8	22°57	10°44
F 27	6 21 41	5°10'19	1♌40	15°51	29°31	7°31	17°12	4°38	19°12	3°24	6°48	7°40	6°5	23°4	10°41
S 28	6 25 38	6°11'26	13°58	17°14	0♋46	8°7	17°25	4°44	19°16	3°26	6°49	7°29	6°2	23°11	10°38
S 29	6 29 34	7°12'34	26°28	18°37	2°2	8°44	17°37	4°51	19°19	3°28	6°51	7°18	5°59	23°17	10°35
M 30	6 33 31	8°13'42	9♏8	20°2	3°17	9°21	17°50	4°57	19°23	3°31	6°52	7°6	5°56	23°24	10°32
T 31	6 37 28	9♌45'50	22♏0	21♋27	4♌33	9♍58	18♎3	5♋3	19♎27	3♌33	6♍53	8♈56	5♉52	23♉31	10♊29

Delta T = 54.83 sec.

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