

SWISS EPHEMERIS for the year 1785
heliocentric

JANUARY 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
S 1	6 44 7	11♁ 4'56	11♁13	19♃25	8♃38	21♁21	14♃30	25♁50	14♁20	12♁41	11♁ 3	23♁30
S 2	6 48 3	12° 6'05	12°15	24° 2	10°13	21°52	14°35	25°52	14°21	12°41	11° 3	23°31
M 3	6 52 0	13° 7'15	13°17	28°47	11°49	22°23	14°41	25°54	14°22	12°42	11° 4	23°31
T 4	6 55 56	14° 8'25	14°18	3♃41	13°25	22°53	14°46	25°55	14°23	12°42	11° 4	23°32
W 5	6 59 53	15° 9'34	15°19	8°44	15° 0	23°24	14°52	25°57	14°23	12°42	11° 4	23°33
T 6	7 3 49	16°10'44	16°19	13°57	16°36	23°55	14°57	25°59	14°24	12°43	11° 4	23°34
F 7	7 7 46	17°11'55	17°19	19°18	18°12	24°26	15° 3	26° 1	14°25	12°43	11° 5	23°35
S 8	7 11 42	18°13'05	18°19	24°48	19°48	24°57	15° 8	26° 3	14°25	12°44	11° 5	23°36
S 9	7 15 39	19°14'15	19°18	0♁28	21°23	25°29	15°14	26° 5	14°26	12°44	11° 5	23°37
M10	7 19 36	20°15'24	20°18	6°15	22°59	26° 0	15°19	26° 6	14°27	12°44	11° 5	23°38
T 11	7 23 32	21°16'34	21°17	12°10	24°35	26°31	15°25	26° 8	14°28	12°45	11° 6	23°38
W12	7 27 29	22°17'43	22°16	18°12	26°11	27° 2	15°30	26°10	14°28	12°45	11° 6	23°39
T 13	7 31 25	23°18'51	23°15	24°20	27°47	27°34	15°35	26°12	14°29	12°45	11° 6	23°40
F 14	7 35 22	24°19'59	24°14	0♁33	29°23	28° 5	15°41	26°14	14°30	12°46	11° 6	23°41
S 15	7 39 18	25°21'05	25°14	6°49	0♁59	28°37	15°46	26°15	14°31	12°46	11° 7	23°42
S 16	7 43 15	26°22'11	26°14	13° 7	2°35	29° 8	15°52	26°17	14°31	12°46	11° 7	23°43
M17	7 47 12	27°23'16	27°15	19°27	4°11	29°40	15°57	26°19	14°32	12°47	11° 7	23°44
T 18	7 51 8	28°24'20	28°16	25°45	5°47	0♁11	16° 3	26°21	14°33	12°47	11° 7	23°45
W19	7 55 5	29°25'23	29°17	2♁ 1	7°23	0°43	16° 8	26°23	14°34	12°47	11° 8	23°45
T 20	7 59 1	0♁26'26	0♁19	8°13	8°59	1°15	16°14	26°25	14°34	12°48	11° 8	23°46
F 21	8 2 58	1°27'27	1°21	14°21	10°35	1°46	16°19	26°26	14°35	12°48	11° 8	23°47
S 22	8 6 54	2°28'27	2°23	20°22	12°11	2°18	16°25	26°28	14°36	12°49	11° 8	23°48
S 23	8 10 51	3°29'26	3°25	26°15	13°47	2°50	16°30	26°30	14°37	12°49	11° 9	23°49
M24	8 14 47	4°30'24	4°28	2♁ 1	15°23	3°22	16°35	26°32	14°37	12°49	11° 9	23°50
T 25	8 18 44	5°31'21	5°31	7°38	17° 0	3°54	16°41	26°34	14°38	12°50	11° 9	23°51
W26	8 22 41	6°32'17	6°33	13° 5	18°36	4°26	16°46	26°36	14°39	12°50	11° 9	23°52
T 27	8 26 37	7°33'12	7°36	18°23	20°12	4°58	16°52	26°37	14°40	12°50	11°10	23°52
F 28	8 30 34	8°34'06	8°39	23°32	21°48	5°30	16°57	26°39	14°40	12°51	11°10	23°53
S 29	8 34 30	9°34'59	9°41	28°30	23°25	6° 3	17° 3	26°41	14°41	12°51	11°10	23°54
S 30	8 38 27	10°35'51	10°43	3♁19	25° 1	6°35	17° 8	26°43	14°42	12°51	11°10	23°55
M31	8 42 23	11°36'43	11°45	7♁59	26°38	7° 7	17°14	26°45	14°42	12°52	11°11	23°56

Delta T = 16.47 sec. Greg. Calendar

FEBRUARY 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
T 1	8 46 20	12♁37'33	12♁46	12♁30	28♁14	7♁40	17♁19	26♁46	14♁43	12♁52	11♁11	23♁57
W 2	8 50 16	13°38'23	13°48	16°52	29°50	8°12	17°25	26°48	14°44	12°52	11°11	23°58
T 3	8 54 13	14°39'11	14°48	21° 6	1♁27	8°45	17°30	26°50	14°45	12°53	11°12	23°59
F 4	8 58 10	15°39'59	15°49	25°13	3° 3	9°17	17°35	26°52	14°45	12°53	11°12	23°59
S 5	9 2 6	16°40'46	16°48	29°11	4°40	9°50	17°41	26°54	14°46	12°53	11°12	24° 0
S 6	9 6 3	17°41'32	17°48	3♁ 3	6°17	10°22	17°46	26°56	14°47	12°54	11°12	24° 1
M 7	9 9 59	18°42'17	18°47	6°48	7°53	10°55	17°52	26°57	14°48	12°54	11°13	24° 2
T 8	9 13 56	19°43'00	19°46	10°27	9°30	11°28	17°57	26°59	14°48	12°55	11°13	24° 3
W 9	9 17 52	20°43'42	20°45	14° 1	11° 6	12° 1	18° 3	27° 1	14°49	12°55	11°13	24° 4
T 10	9 21 49	21°44'23	21°43	17°29	12°43	12°34	18° 8	27° 3	14°50	12°55	11°13	24° 5
F 11	9 25 45	22°45'02	22°42	20°52	14°20	13° 7	18°14	27° 5	14°51	12°56	11°14	24° 6
S 12	9 29 42	23°45'40	23°41	24°10	15°57	13°40	18°19	27° 7	14°51	12°56	11°14	24° 6
S 13	9 33 39	24°46'16	24°40	27°25	17°33	14°13	18°25	27° 8	14°52	12°56	11°14	24° 7
M14	9 37 35	25°46'50	25°39	0♁35	19°10	14°46	18°30	27°10	14°53	12°57	11°14	24° 8
T 15	9 41 32	26°47'23	26°39	3°42	20°47	15°19	18°36	27°12	14°54	12°57	11°15	24° 9
W16	9 45 28	27°47'53	27°39	6°46	22°24	15°52	18°41	27°14	14°54	12°57	11°15	24°10
T 17	9 49 25	28°48'22	28°40	9°46	24° 1	16°26	18°46	27°16	14°55	12°58	11°15	24°11
F 18	9 53 21	29°48'49	29°40	12°44	25°38	16°59	18°52	27°17	14°56	12°58	11°15	24°12
S 19	9 57 18	0♁49'14	0♁42	15°40	27°15	17°32	18°57	27°19	14°57	12°58	11°16	24°13
S 20	10 1 14	1°49'37	1°43	18°33	28°52	18° 6	19° 3	27°21	14°57	12°59	11°16	24°13
M21	10 5 11	2°49'58	2°45	21°25	0♁29	18°39	19° 8	27°23	14°58	12°59	11°16	24°14
T 22	10 9 8	3°50'18	3°47	24°15	2° 6	19°13	19°14	27°25	14°59	13° 0	11°16	24°15
W23	10 13 4	4°50'35	4°49	27° 4	3°43	19°47	19°19	27°27	14°59	13° 0	11°17	24°16
T 24	10 17 1	5°50'51	5°51	29°51	5°20	20°20	19°25	27°28	15° 0	13° 0	11°17	24°17
F 25	10 20 57	6°51'04	6°53	2♁37	6°57	20°54	19°30	27°30	15° 1	13° 1	11°17	24°18
S 26	10 24 54	7°51'17	7°54	5°23	8°34	21°28	19°36	27°32	15° 2	13° 1	11°17	24°19
S 27	10 28 50	8°51'27	8°56	8° 8	10°11	22° 2	19°41	27°34	15° 2	13° 1	11°18	24°20
M28	10 32 47	9♁51'36	9♁58	10♁53	11♁49	22♁36	19♁47	27♁36	15♁ 3	13♁ 2	11♁18	24♁21

Delta T = 16.47 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1785
heliocentric

MARCH 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
T 1	10 36 43	10 ^h 51'43	10 ^m 59	13 ^s 37	13 [°] 26	23 [°] 10	19 [°] 52	27 [°] 38	15 [°] 4	13 [°] 2	11 [°] 18	24 [°] 21
W 2	10 40 40	11 [°] 51'48	12 [°] 0	16 [°] 22	15 [°] 3	23 [°] 44	19 [°] 58	27 [°] 39	15 [°] 5	13 [°] 2	11 [°] 18	24 [°] 22
T 3	10 44 37	12 [°] 51'52	13 [°] 1	19 [°] 7	16 [°] 40	24 [°] 18	20 [°] 3	27 [°] 41	15 [°] 5	13 [°] 3	11 [°] 19	24 [°] 23
F 4	10 48 33	13 [°] 51'54	14 [°] 1	21 [°] 53	18 [°] 18	24 [°] 52	20 [°] 8	27 [°] 43	15 [°] 6	13 [°] 3	11 [°] 19	24 [°] 24
S 5	10 52 30	14 [°] 51'55	15 [°] 1	24 [°] 39	19 [°] 55	25 [°] 26	20 [°] 14	27 [°] 45	15 [°] 7	13 [°] 3	11 [°] 19	24 [°] 25
S 6	10 56 26	15 [°] 51'54	16 [°] 0	27 [°] 26	21 [°] 32	26 [°] 0	20 [°] 19	27 [°] 47	15 [°] 8	13 [°] 4	11 [°] 19	24 [°] 26
M 7	11 0 23	16 [°] 51'52	16 [°] 59	0 ^h 31	23 [°] 10	26 [°] 35	20 [°] 25	27 [°] 48	15 [°] 8	13 [°] 4	11 [°] 20	24 [°] 27
T 8	11 4 19	17 [°] 51'47	17 [°] 57	3 [°] 3	24 [°] 47	27 [°] 9	20 [°] 30	27 [°] 50	15 [°] 9	13 [°] 4	11 [°] 20	24 [°] 28
W 9	11 8 16	18 [°] 51'42	18 [°] 56	5 [°] 54	26 [°] 25	27 [°] 44	20 [°] 36	27 [°] 52	15 [°] 10	13 [°] 5	11 [°] 20	24 [°] 28
T 10	11 12 12	19 [°] 51'34	19 [°] 54	8 [°] 47	28 [°] 2	28 [°] 18	20 [°] 41	27 [°] 54	15 [°] 11	13 [°] 5	11 [°] 20	24 [°] 29
F 11	11 16 9	20 [°] 51'24	20 [°] 51	11 [°] 42	29 [°] 39	28 [°] 53	20 [°] 47	27 [°] 56	15 [°] 11	13 [°] 6	11 [°] 21	24 [°] 30
S 12	11 20 6	21 [°] 51'12	21 [°] 49	14 [°] 39	1 ^h 17	29 [°] 27	20 [°] 52	27 [°] 58	15 [°] 12	13 [°] 6	11 [°] 21	24 [°] 31
S 13	11 24 2	22 [°] 50'58	22 [°] 47	17 [°] 38	2 [°] 54	0 ^h 2	20 [°] 58	27 [°] 59	15 [°] 13	13 [°] 6	11 [°] 21	24 [°] 32
M14	11 27 59	23 [°] 50'42	23 [°] 45	20 [°] 41	4 [°] 32	0 ^h 37	21 [°] 3	28 [°] 1	15 [°] 14	13 [°] 7	11 [°] 21	24 [°] 33
T 15	11 31 55	24 [°] 50'24	24 [°] 43	23 [°] 46	6 [°] 9	1 ^h 11	21 [°] 9	28 [°] 3	15 [°] 14	13 [°] 7	11 [°] 22	24 [°] 34
W16	11 35 52	25 [°] 50'04	25 [°] 42	26 [°] 54	7 [°] 47	1 ^h 46	21 [°] 14	28 [°] 5	15 [°] 15	13 [°] 7	11 [°] 22	24 [°] 35
T 17	11 39 48	26 [°] 49'41	26 [°] 41	0 ^h 36	9 [°] 24	2 ^h 21	21 [°] 20	28 [°] 7	15 [°] 16	13 [°] 8	11 [°] 22	24 [°] 35
F 18	11 43 45	27 [°] 49'16	27 [°] 40	3 [°] 22	11 [°] 2	2 ^h 56	21 [°] 25	28 [°] 9	15 [°] 16	13 [°] 8	11 [°] 22	24 [°] 36
S 19	11 47 41	28 [°] 48'49	28 [°] 40	6 [°] 42	12 [°] 39	3 ^h 31	21 [°] 31	28 [°] 10	15 [°] 17	13 [°] 8	11 [°] 23	24 [°] 37
S 20	11 51 38	29 [°] 48'19	29 [°] 40	10 [°] 6	14 [°] 17	4 ^h 6	21 [°] 36	28 [°] 12	15 [°] 18	13 [°] 9	11 [°] 23	24 [°] 38
M21	11 55 35	0 ^h 47'47	0 ^h 40	13 [°] 36	15 [°] 54	4 ^h 41	21 [°] 41	28 [°] 14	15 [°] 19	13 [°] 9	11 [°] 23	24 [°] 39
T 22	11 59 31	1 [°] 47'13	1 [°] 41	17 [°] 10	17 [°] 32	5 ^h 16	21 [°] 47	28 [°] 16	15 [°] 19	13 [°] 9	11 [°] 24	24 [°] 40
W23	12 3 28	2 [°] 46'37	2 [°] 42	20 [°] 50	19 [°] 10	5 ^h 52	21 [°] 52	28 [°] 18	15 [°] 20	13 [°] 10	11 [°] 24	24 [°] 41
T 24	12 7 24	3 [°] 45'58	3 [°] 43	24 [°] 36	20 [°] 47	6 ^h 27	21 [°] 58	28 [°] 19	15 [°] 21	13 [°] 10	11 [°] 24	24 [°] 42
F 25	12 11 21	4 [°] 45'17	4 [°] 44	28 [°] 28	22 [°] 25	7 ^h 2	22 [°] 3	28 [°] 21	15 [°] 22	13 [°] 11	11 [°] 24	24 [°] 43
S 26	12 15 17	5 [°] 44'34	5 [°] 45	2 ^h 26	24 [°] 2	7 ^h 38	22 [°] 9	28 [°] 23	15 [°] 22	13 [°] 11	11 [°] 25	24 [°] 43
S 27	12 19 14	6 [°] 43'49	6 [°] 46	6 [°] 31	25 [°] 40	8 ^h 13	22 [°] 14	28 [°] 25	15 [°] 23	13 [°] 11	11 [°] 25	24 [°] 44
M28	12 23 10	7 [°] 43'02	7 [°] 47	10 [°] 44	27 [°] 17	8 ^h 48	22 [°] 20	28 [°] 27	15 [°] 24	13 [°] 12	11 [°] 25	24 [°] 45
T 29	12 27 7	8 [°] 42'13	8 [°] 47	15 [°] 5	28 [°] 55	9 ^h 24	22 [°] 25	28 [°] 29	15 [°] 25	13 [°] 12	11 [°] 25	24 [°] 46
W30	12 31 3	9 [°] 41'22	9 [°] 48	19 [°] 33	0 ^h 32	10 ^h 0	22 [°] 31	28 [°] 30	15 [°] 25	13 [°] 12	11 [°] 26	24 [°] 47
T 31	12 35 0	10 ^h 40'29	10 ^h 48	24 ^h 10	2 ^h 10	10 ^h 35	22 ^h 36	28 ^h 32	15 ^h 26	13 ^h 13	11 ^h 26	24 ^h 48

Delta T = 16.48 sec.

Greg. Calendar

APRIL 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
F 1	12 38 57	11 ^h 39'35	11 ^m 48	28 ^s 56	3 [°] 47	11 [°] 11	22 [°] 42	28 [°] 34	15 [°] 27	13 [°] 13	11 [°] 26	24 [°] 49
S 2	12 42 53	12 [°] 38'39	12 [°] 47	3 ^h 50	5 [°] 25	11 [°] 47	22 [°] 47	28 [°] 36	15 [°] 28	13 [°] 13	11 [°] 26	24 [°] 50
S 3	12 46 50	13 [°] 37'41	13 [°] 46	8 [°] 54	7 [°] 2	12 [°] 22	22 [°] 53	28 [°] 38	15 [°] 28	13 [°] 14	11 [°] 27	24 [°] 51
M 4	12 50 46	14 [°] 36'41	14 [°] 45	14 [°] 6	8 [°] 40	12 [°] 58	22 [°] 58	28 [°] 40	15 [°] 29	13 [°] 14	11 [°] 27	24 [°] 51
T 5	12 54 43	15 [°] 35'40	15 [°] 43	19 [°] 28	10 [°] 17	13 [°] 34	23 [°] 4	28 [°] 41	15 [°] 30	13 [°] 14	11 [°] 27	24 [°] 52
W 6	12 58 39	16 [°] 34'36	16 [°] 41	24 [°] 59	11 [°] 55	14 [°] 10	23 [°] 9	28 [°] 43	15 [°] 31	13 [°] 15	11 [°] 27	24 [°] 53
T 7	13 2 36	17 [°] 33'31	17 [°] 38	0 ^h 38	13 [°] 32	14 [°] 46	23 [°] 15	28 [°] 45	15 [°] 31	13 [°] 15	11 [°] 28	24 [°] 54
F 8	13 6 32	18 [°] 32'24	18 [°] 35	6 [°] 26	15 [°] 9	15 [°] 22	23 [°] 20	28 [°] 47	15 [°] 32	13 [°] 15	11 [°] 28	24 [°] 55
S 9	13 10 29	19 [°] 31'15	19 [°] 32	12 [°] 21	16 [°] 47	15 [°] 58	23 [°] 25	28 [°] 49	15 [°] 33	13 [°] 16	11 [°] 28	24 [°] 56
S 10	13 14 26	20 [°] 30'05	20 [°] 29	18 [°] 23	18 [°] 24	16 [°] 34	23 [°] 31	28 [°] 51	15 [°] 33	13 [°] 16	11 [°] 28	24 [°] 57
M11	13 18 22	21 [°] 28'52	21 [°] 26	24 [°] 31	20 [°] 1	17 [°] 11	23 [°] 36	28 [°] 52	15 [°] 34	13 [°] 17	11 [°] 29	24 [°] 58
T 12	13 22 19	22 [°] 27'37	22 [°] 23	0 ^h 44	21 [°] 39	17 [°] 47	23 [°] 42	28 [°] 54	15 [°] 35	13 [°] 17	11 [°] 29	24 [°] 59
W13	13 26 15	23 [°] 26'20	23 [°] 20	7 [°] 1	23 [°] 16	18 [°] 23	23 [°] 47	28 [°] 56	15 [°] 36	13 [°] 17	11 [°] 29	24 [°] 59
T 14	13 30 12	24 [°] 25'01	24 [°] 17	13 [°] 19	24 [°] 53	18 [°] 59	23 [°] 53	28 [°] 58	15 [°] 36	13 [°] 18	11 [°] 29	25 [°] 0
F 15	13 34 8	25 [°] 23'39	25 [°] 15	19 [°] 38	26 [°] 30	19 [°] 36	23 [°] 58	29 [°] 0	15 [°] 37	13 [°] 18	11 [°] 30	25 [°] 1
S 16	13 38 5	26 [°] 22'15	26 [°] 13	25 [°] 57	28 [°] 7	20 [°] 12	24 [°] 4	29 [°] 1	15 [°] 38	13 [°] 18	11 [°] 30	25 [°] 2
S 17	13 42 1	27 [°] 20'50	27 [°] 12	2 ^h 13	29 [°] 45	20 [°] 49	24 [°] 9	29 [°] 3	15 [°] 39	13 [°] 19	11 [°] 30	25 [°] 3
M18	13 45 58	28 [°] 19'21	28 [°] 11	8 [°] 25	1 ^h 22	21 [°] 25	24 [°] 15	29 [°] 5	15 [°] 39	13 [°] 19	11 [°] 30	25 [°] 4
T 19	13 49 55	29 [°] 17'51	29 [°] 10	14 [°] 32	2 [°] 59	22 [°] 2	24 [°] 20	29 [°] 7	15 [°] 40	13 [°] 19	11 [°] 31	25 [°] 5
W20	13 53 51	0 ^h 16'18	0 ^h 9	20 [°] 33	4 [°] 36	22 [°] 38	24 [°] 26	29 [°] 9	15 [°] 41	13 [°] 20	11 [°] 31	25 [°] 6
T 21	13 57 48	1 [°] 14'44	1 [°] 9	26 [°] 26	6 [°] 13	23 [°] 15	24 [°] 31	29 [°] 11	15 [°] 42	13 [°] 20	11 [°] 31	25 [°] 7
F 22	14 1 44	2 [°] 13'07	2 [°] 9	2 ^h 12	7 [°] 50	23 [°] 52	24 [°] 37	29 [°] 12	15 [°] 42	13 [°] 20	11 [°] 31	25 [°] 7
S 23	14 5 41	3 [°] 11'28	3 [°] 9	7 [°] 48	9 [°] 27	24 [°] 28	24 [°] 42	29 [°] 14	15 [°] 43	13 [°] 21	11 [°] 32	25 [°] 8
S 24	14 9 37	4 [°] 9'48	4 [°] 9	13 [°] 15	11 [°] 4	25 [°] 5	24 [°] 48	29 [°] 16	15 [°] 44	13 [°] 21	11 [°] 32	25 [°] 9
M25	14 13 34	5 [°] 8'05	5 [°] 9	18 [°] 33	12 [°] 40	25 [°] 42	24 [°] 53	29 [°] 18	15 [°] 45	13 [°] 22	11 [°] 32	25 [°] 10
T 26	14 17 30	6 [°] 6'21	6 [°] 9	23 [°] 41	14 [°] 17	26 [°] 19	24 [°] 59	29 [°] 20	15 [°] 45	13 [°] 22	11 [°] 32	25 [°] 11
W27	14 21 27	7 [°] 4'36	7 [°] 9	28 [°] 39	15 [°] 54	26 [°] 56	25 [°] 4	29 [°] 22	15 [°] 46	13 [°] 22	11 [°] 33	25 [°] 12
T												

SWISS EPHEMERIS for the year 1785
heliocentric

MAY 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
S 1	14 37 13	10♁57'17	11♁ 6	17♁ 1	22♁20	29♁24	25♁26	29♁29	15♁49	13♁24	11♁34	25♁15
M 2	14 41 10	11°55'23	12° 4	21°14	23°57	0♁ 1	25°31	29°31	15°50	13°24	11°34	25°16
T 3	14 45 6	12°53'28	13° 2	25°20	25°33	0°38	25°37	29°33	15°51	13°24	11°34	25°17
W 4	14 49 3	13°51'32	13°59	29°19	27°10	1°15	25°42	29°34	15°51	13°25	11°34	25°18
T 5	14 52 59	14°49'34	14°56	3♁10	28°46	1°52	25°48	29°36	15°52	13°25	11°35	25°19
F 6	14 56 56	15°47'35	15°53	6°55	0♁23	2°29	25°53	29°38	15°53	13°25	11°35	25°20
S 7	15 0 53	16°45'35	16°49	10°34	1°59	3° 7	25°59	29°40	15°53	13°26	11°35	25°21
S 8	15 4 49	17°43'33	17°45	14° 7	3°35	3°44	26° 4	29°42	15°54	13°26	11°35	25°22
M 9	15 8 46	18°41'30	18°41	17°35	5°11	4°21	26°10	29°44	15°55	13°27	11°36	25°23
T 10	15 12 42	19°39'25	19°37	20°58	6°48	4°59	26°15	29°45	15°56	13°27	11°36	25°23
W11	15 16 39	20°37'19	20°33	24°17	8°24	5°36	26°21	29°47	15°56	13°27	11°36	25°24
T 12	15 20 35	21°35'11	21°29	27°31	10° 0	6°13	26°26	29°49	15°57	13°28	11°36	25°25
F 13	15 24 32	22°33'01	22°26	0♁41	11°36	6°51	26°32	29°51	15°58	13°28	11°37	25°26
S 14	15 28 28	23°30'50	23°23	3°48	13°12	7°28	26°37	29°53	15°59	13°28	11°37	25°27
S 15	15 32 25	24°28'36	24°20	6°51	14°48	8° 6	26°43	29°54	15°59	13°29	11°37	25°28
M16	15 36 22	25°26'22	25°17	9°52	16°24	8°43	26°48	29°56	16° 0	13°29	11°38	25°29
T 17	15 40 18	26°24'05	26°15	12°50	17°59	9°21	26°54	29°58	16° 1	13°29	11°38	25°30
W18	15 44 15	27°21'47	27°13	15°45	19°35	9°59	26°59	29°59	16° 2	13°30	11°38	25°31
T 19	15 48 11	28°19'27	28°12	18°39	21°11	10°36	27° 5	0♁ 2	16° 2	13°30	11°38	25°32
F 20	15 52 8	29°17'06	29°10	21°30	22°47	11°14	27°10	0° 4	16° 3	13°30	11°39	25°32
S 21	15 56 4	0♁14'43	0♁ 9	24°20	24°22	11°52	27°16	0° 5	16° 4	13°31	11°39	25°33
S 22	16 0 1	1°12'19	1° 8	27° 9	25°58	12°29	27°21	0° 7	16° 5	13°31	11°39	25°34
M23	16 3 57	2° 9'54	2° 8	29°56	27°34	13° 7	27°27	0° 9	16° 5	13°31	11°39	25°35
T 24	16 7 54	3° 7'27	3° 7	2♁43	29° 9	13°45	27°32	0°11	16° 6	13°32	11°40	25°36
W25	16 11 51	4° 4'59	4° 7	5°28	0♁45	14°22	27°38	0°13	16° 7	13°32	11°40	25°37
T 26	16 15 47	5° 2'30	5° 6	8°13	2°20	15° 0	27°43	0°15	16° 8	13°33	11°40	25°38
F 27	16 19 44	6° 0'01	6° 5	10°58	3°56	15°38	27°49	0°16	16° 8	13°33	11°40	25°39
S 28	16 23 40	6°57'30	7° 4	13°43	5°31	16°16	27°54	0°18	16° 9	13°33	11°41	25°40
S 29	16 27 37	7°54'58	8° 2	16°27	7° 6	16°54	28° 0	0°20	16°10	13°34	11°41	25°40
M30	16 31 33	8°52'26	9° 1	19°12	8°42	17°32	28° 5	0°22	16°11	13°34	11°41	25°41
T 31	16 35 30	9♁49'53	9♁58	21♁58	10♁17	18♁10	28♁11	0♁24	16♁11	13♁34	11♁41	25♁42

Delta T = 16.48 sec. Greg. Calendar

JUNE 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
W 1	16 39 26	10♁47'19	10♁56	24♁44	11♁52	18♁47	28♁16	0♁26	16♁12	13♁35	11♁42	25♁43
T 2	16 43 23	11°44'45	11°52	27°31	13°27	19°25	28°22	0°27	16°13	13°35	11°42	25°44
F 3	16 47 20	12°42'09	12°49	0♁19	15° 3	20° 3	28°27	0°29	16°13	13°35	11°42	25°45
S 4	16 51 16	13°39'34	13°45	3° 9	16°38	20°41	28°33	0°31	16°14	13°36	11°42	25°46
S 5	16 55 13	14°36'58	14°41	6° 0	18°13	21°19	28°38	0°33	16°15	13°36	11°43	25°47
M 6	16 59 9	15°34'21	15°36	8°53	19°48	21°57	28°43	0°35	16°16	13°36	11°43	25°48
T 7	17 3 6	16°31'43	16°32	11°48	21°23	22°35	28°49	0°37	16°16	13°37	11°43	25°49
W 8	17 7 2	17°29'05	17°27	14°45	22°58	23°13	28°54	0°38	16°17	13°37	11°43	25°49
T 9	17 10 59	18°26'26	18°23	17°44	24°33	23°51	29° 0	0°40	16°18	13°38	11°44	25°50
F 10	17 14 56	19°23'46	19°19	20°46	26° 8	24°29	29° 5	0°42	16°19	13°38	11°44	25°51
S 11	17 18 52	20°21'05	20°14	23°52	27°43	25° 7	29°11	0°44	16°19	13°38	11°44	25°52
S 12	17 22 49	21°18'23	21°11	27° 0	29°18	25°45	29°16	0°46	16°20	13°39	11°44	25°53
M13	17 26 45	22°15'41	22° 7	0♁12	0♁53	26°23	29°22	0°48	16°21	13°39	11°45	25°54
T 14	17 30 42	23°12'57	23° 4	3°28	2°28	27° 2	29°27	0°49	16°22	13°39	11°45	25°55
W15	17 34 38	24°10'13	24° 1	6°48	4° 3	27°40	29°33	0°51	16°22	13°40	11°45	25°56
T 16	17 38 35	25° 7'28	24°59	10°13	5°38	28°18	29°38	0°53	16°23	13°40	11°45	25°57
F 17	17 42 31	26° 4'42	25°56	13°42	7°13	28°56	29°44	0°55	16°24	13°40	11°46	25°58
S 18	17 46 28	27° 1'56	26°55	17°17	8°48	29°34	29°49	0°57	16°25	13°41	11°46	25°58
S 19	17 50 25	27°59'09	27°53	20°57	10°23	0♁12	29°55	0°59	16°25	13°41	11°46	25°59
M20	17 54 21	28°56'21	28°52	24°43	11°58	0°50	0♁ 0	1° 0	16°26	13°41	11°46	26° 0
T 21	17 58 18	29°53'33	29°51	28°35	13°32	1°28	0° 6	1° 2	16°27	13°42	11°47	26° 1
W22	18 2 14	0♁50'45	0♁50	2♁34	15° 7	2° 6	0°11	1° 4	16°28	13°42	11°47	26° 2
T 23	18 6 11	1°47'56	1°49	6°39	16°42	2°44	0°17	1° 6	16°28	13°43	11°47	26° 3
F 24	18 10 7	2°45'07	2°48	10°52	18°17	3°22	0°22	1° 8	16°29	13°43	11°47	26° 4
S 25	18 14 4	3°42'18	3°47	15°13	19°52	4° 0	0°28	1°10	16°30	13°43	11°48	26° 5
S 26	18 18 0	4°39'29	4°45	19°42	21°27	4°39	0°33	1°11	16°31	13°44	11°48	26° 6
M27	18 21 57	5°36'40	5°44	24°19	23° 1	5°17	0°39	1°13	16°31	13°44	11°48	26° 7
T 28	18 25 54	6°33'51	6°42	29° 5	24°36	5°55	0°44	1°15	16°32	13°44	11°48	26° 7
W29	18 29 50	7°31'02	7°39	4♁ 0	26°11	6°33	0°50	1°17	16°33	13°45	11°49	26° 8
T 30	18 33 47	8♁28'14	8♁37	9♁ 3	27♁46	7♁11	0♁55	1♁19	16♁33	13♁45	11♁49	26♁ 9

Delta T = 16.48 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1785
heliocentric

JULY 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
F 1	18 37 43	9°25'25	9°33	14°16	29°21	7°49	1°1	1°21	16°34	13°45	11°49	26°10
S 2	18 41 40	10°22'37	10°30	19°38	0°56	8°27	1°6	1°22	16°35	13°46	11°49	26°11
S 3	18 45 36	11°19'50	11°26	25°9	2°30	9°5	1°12	1°24	16°36	13°46	11°50	26°12
M 4	18 49 33	12°17'02	12°21	0°49	4°5	9°43	1°17	1°26	16°36	13°46	11°50	26°13
T 5	18 53 29	13°14'15	13°17	6°37	5°40	10°21	1°23	1°28	16°37	13°47	11°50	26°14
W 6	18 57 26	14°11'29	14°12	12°32	7°15	10°59	1°28	1°30	16°38	13°47	11°51	26°15
T 7	19 1 23	15°8'42	15°8	18°34	8°50	11°37	1°34	1°32	16°39	13°48	11°51	26°16
F 8	19 5 19	16°5'56	16°3	24°43	10°25	12°15	1°39	1°33	16°39	13°48	11°51	26°17
S 9	19 9 16	17°3'09	16°59	0°56	12°0	12°53	1°45	1°35	16°40	13°48	11°51	26°17
S 10	19 13 12	18°0'23	17°55	7°12	13°34	13°31	1°50	1°37	16°41	13°49	11°52	26°18
M 11	19 17 9	18°57'37	18°51	13°31	15°9	14°9	1°56	1°39	16°42	13°49	11°52	26°19
T 12	19 21 5	19°54'51	19°47	19°50	16°44	14°47	2°1	1°41	16°42	13°49	11°52	26°20
W 13	19 25 2	20°52'05	20°43	26°8	18°19	15°25	2°7	1°42	16°43	13°50	11°52	26°21
T 14	19 28 58	21°49'19	21°40	2°24	19°54	16°3	2°12	1°44	16°44	13°50	11°53	26°22
F 15	19 32 55	22°46'33	22°38	8°36	21°29	16°41	2°18	1°46	16°45	13°50	11°53	26°23
S 16	19 36 52	23°43'48	23°35	14°43	23°4	17°19	2°23	1°48	16°45	13°51	11°53	26°24
S 17	19 40 48	24°41'03	24°33	20°44	24°39	17°56	2°29	1°50	16°46	13°51	11°53	26°25
M 18	19 44 45	25°38'18	25°32	26°37	26°14	18°34	2°34	1°52	16°47	13°51	11°54	26°26
T 19	19 48 41	26°35'34	26°30	2°22	27°49	19°12	2°40	1°53	16°48	13°52	11°54	26°26
W 20	19 52 38	27°32'50	27°29	7°58	29°24	19°50	2°45	1°55	16°48	13°52	11°54	26°27
T 21	19 56 34	28°30'06	28°28	13°25	0°59	20°28	2°51	1°57	16°49	13°52	11°54	26°28
F 22	20 0 31	29°27'24	29°27	18°43	2°34	21°5	2°56	1°59	16°50	13°53	11°55	26°29
S 23	20 4 28	0°24'41	0°27	23°50	4°9	21°43	3°2	2°1	16°51	13°53	11°55	26°30
S 24	20 8 24	1°22'00	1°26	28°49	5°44	22°21	3°7	2°3	16°51	13°54	11°55	26°31
M 25	20 12 21	2°19'19	2°25	3°37	7°20	22°58	3°13	2°4	16°52	13°54	11°55	26°32
T 26	20 16 17	3°16'39	3°23	8°16	8°55	23°36	3°18	2°6	16°53	13°54	11°56	26°33
W 27	20 20 14	4°14'00	4°22	12°47	10°30	24°14	3°24	2°8	16°54	13°55	11°56	26°34
T 28	20 24 10	5°11'23	5°20	17°9	12°5	24°51	3°29	2°10	16°54	13°55	11°56	26°35
F 29	20 28 7	6°8'46	6°17	21°22	13°40	25°29	3°35	2°12	16°55	13°55	11°56	26°36
S 30	20 32 3	7°6'11	7°14	25°28	15°16	26°6	3°40	2°14	16°56	13°56	11°57	26°36
S 31	20 36 0	8°3'37	8°11	29°26	16°51	26°44	3°46	2°15	16°56	13°56	11°57	26°37

Delta T = 16.48 sec.

Greg. Calendar

AUGUST 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
M 1	20 39 57	9°1'05	9°8	3°17	18°26	27°21	3°51	2°17	16°57	13°56	11°57	26°38
T 2	20 43 53	9°58'33	10°4	7°2	20°1	27°59	3°57	2°19	16°58	13°57	11°57	26°39
W 3	20 47 50	10°56'03	11°0	10°41	21°37	28°36	4°2	2°21	16°59	13°57	11°58	26°40
T 4	20 51 46	11°53'34	11°55	14°14	23°12	29°14	4°8	2°23	16°59	13°57	11°58	26°41
F 5	20 55 43	12°51'06	12°51	17°42	24°47	29°51	4°13	2°25	17°0	13°58	11°58	26°42
S 6	20 59 39	13°48'39	13°47	21°5	26°23	0°28	4°19	2°26	17°1	13°58	11°58	26°43
S 7	21 3 36	14°46'13	14°43	24°23	27°58	1°6	4°24	2°28	17°2	13°59	11°59	26°44
M 8	21 7 32	15°43'48	15°39	27°37	29°34	1°43	4°30	2°30	17°2	13°59	11°59	26°45
T 9	21 11 29	16°41'24	16°35	0°47	1°9	2°20	4°35	2°32	17°3	13°59	11°59	26°46
W 10	21 15 26	17°39'01	17°32	3°54	2°45	2°57	4°41	2°34	17°4	14°0	11°59	26°46
T 11	21 19 22	18°36'39	18°28	6°57	4°20	3°34	4°46	2°36	17°5	14°0	12°0	26°47
F 12	21 23 19	19°34'18	19°25	9°58	5°56	4°12	4°52	2°37	17°5	14°0	12°0	26°48
S 13	21 27 15	20°31'58	20°23	12°56	7°31	4°49	4°57	2°39	17°6	14°1	12°0	26°49
S 14	21 31 12	21°29'39	21°21	15°51	9°7	5°26	5°3	2°41	17°7	14°1	12°0	26°50
M 15	21 35 8	22°27'22	22°19	18°44	10°42	6°3	5°8	2°43	17°8	14°1	12°1	26°51
T 16	21 39 5	23°25'05	23°18	21°36	12°18	6°40	5°14	2°45	17°8	14°2	12°1	26°52
W 17	21 43 1	24°22'50	24°17	24°26	13°54	7°17	5°19	2°47	17°9	14°2	12°1	26°53
T 18	21 46 58	25°20'36	25°16	27°14	15°29	7°53	5°25	2°48	17°10	14°2	12°1	26°54
F 19	21 50 55	26°18'23	26°16	0°2	17°5	8°30	5°30	2°50	17°11	14°3	12°2	26°55
S 20	21 54 51	27°16'11	27°16	2°48	18°41	9°7	5°36	2°52	17°11	14°3	12°2	26°56
S 21	21 58 48	28°14'01	28°15	5°33	20°17	9°44	5°41	2°54	17°12	14°4	12°2	26°56
M 22	22 2 44	29°11'52	29°15	8°19	21°52	10°21	5°47	2°56	17°13	14°4	12°2	26°57
T 23	22 6 41	0°9'45	0°15	11°3	23°28	10°57	5°52	2°58	17°14	14°4	12°3	26°58
W 24	22 10 37	1°7'39	1°14	13°48	25°4	11°34	5°58	2°59	17°14	14°5	12°3	26°59
T 25	22 14 34	2°5'36	2°13	16°33	26°40	12°10	6°3	3°1	17°15	14°5	12°3	27°0
F 26	22 18 30	3°3'34	3°12	19°18	28°16	12°47	6°9	3°3	17°16	14°5	12°3	27°1
S 27	22 22 27	4°1'35	4°10	22°3	29°52	13°23	6°14	3°5	17°17	14°6	12°4	27°2
S 28	22 26 24	4°59'37	5°8	24°49	1°28	14°0	6°20	3°7	17°17	14°6	12°4	27°3
M 29	22 30 20	5°57'42	6°6	27°37	3°4	14°36	6°25	3°9	17°18	14°6	12°4	27°4
T 30	22 34 17	6°55'48	7°3	0°25	4°40	15°13	6°31	3°11	17°19	14°7	12°4	27°5
W 31	22 38 13	7°53'56	8°0	3°14	6°16	15°49	6°36	3°12	17°19	14°7	12°4	27°6

Delta T = 16.48 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1785
heliocentric

SEPTEMBER 1785

00:00 UT

Day	Sid.t	Terra	☾	♁	♂	♄	♃	♅	♁	♆	♁	♁
T 1	22 42 10	8 ^h 52 ^m 06 ^s	8 ^h 57 ^m	6 ^h 5 ^m	7 ^h 52 ^m	16 ^h 25 ^m	6 ^h 42 ^m	3 ^h 14 ^m	17 ^h 20 ^m	14 ^h 7 ^m	12 ^h 5 ^m	27 ^h 7 ^m
F 2	22 46 6	9°50'18	9°53	8°58	9°28	17° 1	6°47	3°16	17°21	14° 8	12° 5	27° 7
S 3	22 50 3	10°48'31	10°50	11°53	11° 4	17°38	6°53	3°18	17°22	14° 8	12° 6	27° 8
S 4	22 53 59	11°46'46	11°46	14°50	12°40	18°14	6°58	3°20	17°22	14° 8	12° 6	27° 9
M 5	22 57 56	12°45'04	12°43	17°50	14°16	18°50	7° 3	3°22	17°23	14° 9	12° 6	27°10
T 6	23 1 52	13°43'22	13°39	20°52	15°52	19°26	7° 9	3°23	17°24	14° 9	12° 6	27°11
W 7	23 5 49	14°41'43	14°36	23°58	17°29	20° 2	7°14	3°25	17°25	14°10	12° 7	27°12
T 8	23 9 46	15°40'05	15°33	27° 6	19° 5	20°38	7°20	3°27	17°25	14°10	12° 7	27°13
F 9	23 13 42	16°38'29	16°31	0 ^h 19 ^m	20°41	21°14	7°25	3°29	17°26	14°10	12° 7	27°14
S 10	23 17 39	17°36'55	17°28	3°35	22°17	21°50	7°31	3°31	17°27	14°11	12° 7	27°15
S 11	23 21 35	18°35'22	18°27	6°55	23°54	22°25	7°36	3°33	17°28	14°11	12° 8	27°16
M12	23 25 32	19°33'51	19°25	10°20	25°30	23° 1	7°42	3°34	17°28	14°11	12° 8	27°17
T 13	23 29 28	20°32'22	20°24	13°49	27° 7	23°37	7°47	3°36	17°29	14°12	12° 8	27°18
W14	23 33 25	21°30'54	21°23	17°24	28°43	24°12	7°53	3°38	17°30	14°12	12° 8	27°18
T 15	23 37 21	22°29'28	22°23	21° 4	0 ^h 19 ^m	24°48	7°58	3°40	17°31	14°12	12° 9	27°19
F 16	23 41 18	23°28'03	23°23	24°50	1°56	25°23	8° 4	3°42	17°31	14°13	12° 9	27°20
S 17	23 45 15	24°26'40	24°23	28°42	3°32	25°59	8° 9	3°44	17°32	14°13	12° 9	27°21
S 18	23 49 11	25°25'19	25°24	2 ^h 41 ^m	5° 9	26°34	8°15	3°45	17°33	14°13	12° 9	27°22
M19	23 53 8	26°24'00	26°25	6°47	6°46	27°10	8°20	3°47	17°34	14°14	12°10	27°23
T 20	23 57 4	27°22'43	27°25	11° 0	8°22	27°45	8°26	3°49	17°34	14°14	12°10	27°24
W21	0 1 1	28°21'28	28°26	15°21	9°59	28°20	8°31	3°51	17°35	14°14	12°10	27°25
T 22	0 4 57	29°20'15	29°26	19°50	11°36	28°56	8°37	3°53	17°36	14°15	12°10	27°26
F 23	0 8 54	0 ^h 19 ^m 04 ^s	0 ^h 26 ^m	24°28	13°12	29°31	8°42	3°55	17°37	14°15	12°11	27°27
S 24	0 12 50	1°17'56	1°26	29°14	14°49	0 ^h 6 ^m	8°48	3°56	17°37	14°16	12°11	27°28
S 25	0 16 47	2°16'50	2°26	4 ^h 9 ^m	16°26	0°41	8°53	3°58	17°38	14°16	12°11	27°29
M26	0 20 44	3°15'47	3°25	9°13	18° 3	1°16	8°59	4° 0	17°39	14°16	12°11	27°29
T 27	0 24 40	4°14'46	4°23	14°26	19°39	1°51	9° 4	4° 2	17°40	14°17	12°12	27°30
W28	0 28 37	5°13'47	5°22	19°48	21°16	2°26	9°10	4° 4	17°40	14°17	12°12	27°31
T 29	0 32 33	6°12'50	6°20	25°20	22°53	3° 0	9°15	4° 6	17°41	14°17	12°12	27°32
F 30	0 36 30	7 ^h 11 ^m 55 ^s	7 ^h 18 ^m	1 ^h 0 ^m	24 ^h 30 ^m	3 ^h 35 ^m	9 ^h 21 ^m	4 ^h 7 ^m	17 ^h 42 ^m	14 ^h 18 ^m	12 ^h 12 ^m	27 ^h 33 ^m

Delta T = 16.48 sec.

Greg. Calendar

OCTOBER 1785

00:00 UT

Day	Sid.t	Terra	☾	♁	♂	♄	♃	♅	♁	♆	♁	♁
S 1	0 40 26	8 ^h 11 ^m 03 ^s	8 ^h 15 ^m	6 ^h 8 ^m	26 ^h 7 ^m	4 ^h 10 ^m	9 ^h 26 ^m	4 ^h 9 ^m	17 ^h 42 ^m	14 ^h 18 ^m	12 ^h 13 ^m	27 ^h 34 ^m
S 2	0 44 23	9°10'13	9°13	12°43	27°44	4°45	9°32	4°11	17°43	14°18	12°13	27°35
M 3	0 48 19	10° 9'25	10°10	18°46	29°21	5°19	9°37	4°13	17°44	14°19	12°13	27°36
T 4	0 52 16	11° 8'39	11° 8	24°54	0 ^h 58 ^m	5°54	9°43	4°15	17°45	14°19	12°13	27°37
W 5	0 56 13	12° 7'55	12° 5	1 ^h 7 ^m	2°35	6°28	9°48	4°17	17°45	14°19	12°14	27°38
T 6	1 0 9	13° 7'13	13° 3	7°24	4°12	7° 3	9°54	4°18	17°46	14°20	12°14	27°39
F 7	1 4 6	14° 6'33	14° 1	13°43	5°49	7°37	9°59	4°20	17°47	14°20	12°14	27°40
S 8	1 8 2	15° 5'55	14°59	20° 2	7°26	8°11	10° 5	4°22	17°48	14°21	12°14	27°40
S 9	1 11 59	16° 5'18	15°57	26°20	9° 3	8°46	10°10	4°24	17°48	14°21	12°15	27°41
M10	1 15 55	17° 4'44	16°56	2 ^h 36 ^m	10°41	9°20	10°16	4°26	17°49	14°21	12°15	27°42
T 11	1 19 52	18° 4'11	17°55	8°48	12°18	9°54	10°21	4°28	17°50	14°22	12°15	27°43
W12	1 23 48	19° 3'41	18°55	14°55	13°55	10°28	10°27	4°29	17°51	14°22	12°15	27°44
T 13	1 27 45	20° 3'11	19°55	20°55	15°32	11° 2	10°32	4°31	17°51	14°22	12°16	27°45
F 14	1 31 42	21° 2'44	20°56	26°48	17°10	11°36	10°38	4°33	17°52	14°23	12°16	27°46
S 15	1 35 38	22° 2'18	21°57	2 ^h 33 ^m	18°47	12°10	10°43	4°35	17°53	14°23	12°16	27°47
S 16	1 39 35	23° 1'54	22°58	8° 9	20°24	12°44	10°49	4°37	17°54	14°23	12°16	27°48
M17	1 43 31	24° 1'32	23°59	13°35	22° 2	13°18	10°54	4°39	17°54	14°24	12°17	27°49
T 18	1 47 28	25° 1'12	25° 1	18°53	23°39	13°52	11° 0	4°40	17°55	14°24	12°17	27°50
W19	1 51 24	26° 0'54	26° 3	24° 0	25°16	14°25	11° 5	4°42	17°56	14°24	12°17	27°51
T 20	1 55 21	27° 0'38	27° 5	28°58	26°54	14°59	11°11	4°44	17°57	14°25	12°17	27°52
F 21	1 59 17	28° 0'24	28° 6	3 ^h 46 ^m	28°31	15°32	11°16	4°46	17°57	14°25	12°18	27°52
S 22	2 3 14	29° 0'12	29° 7	8°25	0 ^h 9 ^m	16° 6	11°22	4°48	17°58	14°25	12°18	27°53
S 23	2 7 11	0 ^h 03 ^m	0 ^h 8 ^m	12°55	1°46	16°39	11°27	4°50	17°59	14°26	12°18	27°54
M24	2 11 7	0°59'56	1° 9	17°17	3°24	17°13	11°33	4°51	18° 0	14°26	12°18	27°55
T 25	2 15 4	1°59'51	2° 9	21°30	5° 1	17°46	11°38	4°53	18° 0	14°27	12°19	27°56
W26	2 19 0	2°59'48	3° 9	25°35	6°39	18°20	11°44	4°55	18° 1	14°27	12°19	27°57
T 27	2 22 57	3°59'47	4° 8	29°34	8°16	18°53	11°49	4°57	18° 2	14°27	12°19	27°58
F 28	2 26 53	4°59'48	5° 8	3 ^h 25 ^m	9°54	19°26	11°55	4°59	18° 3	14°28	12°19	27°59
S 29	2 30 50	5°59'52	6° 7	7° 9	11°31	19°59	12° 0	5° 1	18° 3	14°28	12°20	28° 0
S 30	2 34 46	6°59'57	7° 5	10°48	13° 9	20°32	12° 6	5° 3	18° 4	14°28	12°20	28° 1
M31	2 38 43	8 ^h 0'05 ^s	8 ^h 4 ^m	14 ^h 21 ^m	14 ^h 46 ^m	21 ^h 8 ^m	12 ^h 11 ^m	5 ^h 4 ^m	18 ^h 5 ^m	14 ^h 29 ^m	12 ^h 20 ^m	28 ^h 2 ^m

Delta T = 16.48 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1785
heliocentric

NOVEMBER 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
T 1	2 42 39	9♃ 0'14	9♃ 2	17♄48	16♁24	21♃38	12♃17	5♁ 6	18♁ 5	14♄29	12♁20	28♃ 3
W 2	2 46 36	10° 0'26	10° 1	21°11	18° 1	22°11	12°22	5° 8	18° 6	14°29	12°21	28° 4
T 3	2 50 33	11° 0'39	10°59	24°29	19°39	22°44	12°28	5°10	18° 7	14°30	12°21	28° 4
F 4	2 54 29	12° 0'54	11°58	27°43	21°17	23°17	12°33	5°12	18° 8	14°30	12°21	28° 5
S 5	2 58 26	13° 1'11	12°56	0♁53	22°54	23°49	12°39	5°14	18° 8	14°30	12°21	28° 6
S 6	3 2 22	14° 1'29	13°55	4° 0	24°32	24°22	12°44	5°15	18° 9	14°31	12°22	28° 7
M 7	3 6 19	15° 1'49	14°54	7° 3	26° 9	24°55	12°50	5°17	18°10	14°31	12°22	28° 8
T 8	3 10 15	16° 2'11	15°54	10° 3	27°47	25°27	12°55	5°19	18°11	14°32	12°22	28° 9
W 9	3 14 12	17° 2'34	16°54	13° 1	29°24	26° 0	13° 1	5°21	18°11	14°32	12°22	28°10
T 10	3 18 9	18° 2'58	17°54	15°57	1♃ 2	26°32	13° 6	5°23	18°12	14°32	12°23	28°11
F 11	3 22 5	19° 3'23	18°55	18°50	2°39	27° 5	13°12	5°25	18°13	14°33	12°23	28°12
S 12	3 26 2	20° 3'50	19°56	21°41	4°17	27°37	13°17	5°26	18°14	14°33	12°23	28°13
S 13	3 29 58	21° 4'18	20°58	24°31	5°54	28° 9	13°23	5°28	18°14	14°33	12°23	28°14
M14	3 33 55	22° 4'47	22° 0	27°20	7°32	28°42	13°28	5°30	18°15	14°34	12°24	28°15
T 15	3 37 51	23° 5'18	23° 2	0♃ 7	9° 9	29°14	13°34	5°32	18°16	14°34	12°24	28°16
W16	3 41 48	24° 5'50	24° 5	2°53	10°47	29°46	13°39	5°34	18°17	14°34	12°24	28°17
T 17	3 45 44	25° 6'24	25° 8	5°39	12°24	0♁18	13°45	5°36	18°17	14°35	12°24	28°17
F 18	3 49 41	26° 6'59	26°10	8°24	14° 2	0°50	13°50	5°37	18°18	14°35	12°25	28°18
S 19	3 53 38	27° 7'36	27°12	11° 9	15°39	1°22	13°56	5°39	18°19	14°35	12°25	28°19
S 20	3 57 34	28° 8'14	28°15	13°53	17°16	1°54	14° 1	5°41	18°20	14°36	12°25	28°20
M21	4 1 31	29° 8'55	29°17	16°38	18°54	2°26	14° 7	5°43	18°20	14°36	12°25	28°21
T 22	4 5 27	0♁ 9'36	0♁18	19°23	20°31	2°57	14°12	5°45	18°21	14°37	12°26	28°22
W23	4 9 24	1°10'19	1°19	22° 8	22° 8	3°29	14°18	5°47	18°22	14°37	12°26	28°23
T 24	4 13 20	2°11'04	2°20	24°55	23°45	4° 1	14°23	5°49	18°23	14°37	12°26	28°24
F 25	4 17 17	3°11'50	3°21	27°42	25°23	4°32	14°29	5°50	18°23	14°38	12°26	28°25
S 26	4 21 13	4°12'38	4°21	0♃30	27° 0	5° 4	14°34	5°52	18°24	14°38	12°27	28°26
S 27	4 25 10	5°13'27	5°21	3°20	28°37	5°35	14°40	5°54	18°25	14°38	12°27	28°27
M28	4 29 7	6°14'18	6°21	6°11	0♁14	6° 7	14°45	5°56	18°26	14°39	12°27	28°28
T 29	4 33 3	7°15'10	7°20	9° 4	1°51	6°38	14°51	5°58	18°26	14°39	12°28	28°29
W30	4 37 0	8°16'03	8°19	11♃59	3♄28	7♁10	14°56	6♁ 0	18♁27	14♄39	12♁28	28♃30

Delta T = 16.48 sec. Greg. Calendar

DECEMBER 1785

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
T 1	4 40 56	9♁16'58	9♁19	14♃56	5♄ 5	7♁41	15° 2	6♁ 1	18♁28	14♄40	12♁28	28♃31
F 2	4 44 53	10°17'54	10°18	17°56	6°42	8°12	15° 7	6° 3	18°29	14°40	12°28	28°31
S 3	4 48 49	11°18'51	11°17	20°58	8°19	8°43	15°13	6° 5	18°29	14°40	12°29	28°32
S 4	4 52 46	12°19'48	12°16	24° 4	9°56	9°15	15°18	6° 7	18°30	14°41	12°29	28°33
M 5	4 56 42	13°20'47	13°15	27°12	11°33	9°46	15°24	6° 9	18°31	14°41	12°29	28°34
T 6	5 0 39	14°21'46	14°15	0♁25	13°10	10°17	15°29	6°11	18°32	14°42	12°29	28°35
W 7	5 4 36	15°22'46	15°15	3°41	14°47	10°48	15°35	6°12	18°32	14°42	12°30	28°36
T 8	5 8 32	16°23'47	16°15	7° 1	16°23	11°19	15°40	6°14	18°33	14°42	12°30	28°37
F 9	5 12 29	17°24'48	17°16	10°26	18° 0	11°49	15°46	6°16	18°34	14°43	12°30	28°38
S 10	5 16 25	18°25'49	18°17	13°56	19°37	12°20	15°51	6°18	18°34	14°43	12°30	28°39
S 11	5 20 22	19°26'51	19°19	17°31	21°13	12°51	15°57	6°20	18°35	14°43	12°31	28°40
M12	5 24 18	20°27'53	20°21	21°11	22°50	13°22	16° 2	6°22	18°36	14°44	12°31	28°41
T 13	5 28 15	21°28'56	21°24	24°57	24°27	13°52	16° 8	6°24	18°37	14°44	12°31	28°42
W14	5 32 11	22°30'00	22°26	28°50	26° 3	14°23	16°13	6°25	18°37	14°44	12°31	28°43
T 15	5 36 8	23°31'04	23°29	2♃49	27°39	14°54	16°19	6°27	18°38	14°45	12°32	28°44
F 16	5 40 5	24°32'08	24°32	6°55	29°16	15°24	16°24	6°29	18°39	14°45	12°32	28°45
S 17	5 44 1	25°33'13	25°35	11° 8	0♁52	15°55	16°30	6°31	18°40	14°45	12°32	28°45
S 18	5 47 58	26°34'18	26°38	15°30	2°28	16°25	16°35	6°33	18°40	14°46	12°32	28°46
M19	5 51 54	27°35'25	27°41	19°59	4° 5	16°55	16°41	6°35	18°41	14°46	12°33	28°47
T 20	5 55 51	28°36'31	28°44	24°37	5°41	17°26	16°46	6°36	18°42	14°46	12°33	28°48
W21	5 59 47	29°37'38	29°46	29°23	7°17	17°56	16°52	6°38	18°43	14°47	12°33	28°49
T 22	6 3 44	0♃38'46	0♃48	4♃18	8°53	18°26	16°57	6°40	18°43	14°47	12°33	28°50
F 23	6 7 41	1°39'54	1°49	9°23	10°29	18°56	17° 3	6°42	18°44	14°48	12°34	28°51
S 24	6 11 37	2°41'03	2°50	14°36	12° 5	19°27	17° 8	6°44	18°45	14°48	12°34	28°52
S 25	6 15 34	3°42'13	3°51	19°59	13°41	19°57	17°14	6°46	18°46	14°48	12°34	28°53
M26	6 19 30	4°43'23	4°52	25°30	15°17	20°27	17°19	6°47	18°46	14°49	12°34	28°54
T 27	6 23 27	5°44'33	5°52	1♃10	16°53	20°57	17°25	6°49	18°47	14°49	12°35	28°55
W28	6 27 23	6°45'44	6°52	6°59	18°29	21°27	17°30	6°51	18°48	14°49	12°35	28°56
T 29	6 31 20	7°46'55	7°52	12°55	20° 5	21°57	17°36	6°53	18°49	14°50	12°35	28°57
F 30	6 35 16	8°48'06	8°51	18°57	21°40	22°26	17°41	6°55	18°49	14°50	12°35	28°58
S 31	6 39 13	9♁49'18	9♁50	25♃ 6	23♁16	22♁56	17°47	6♁57	18♁50	14♄50	12♁36	28♃59

Delta T = 16.48 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]