

SWISS EPHEMERIS for the year 1776

JANUARY 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
M 1	6 40 51	10♌15'09	13♉45	28♌13	23♌26	1♌19	13°R41	20♌32	3°R19	24°R55	25♌49	16°R11	17♌26	28♌50	11°Y55
T 2	6 44 48	11°16'18	26°55	29°45	24°26	2° 6	13♌34	20°35	3♌17	24♌55	25°51	16♌6	17°23	28°56	11°56
W 3	6 48 44	12°17'27	9♌51	1♌17	25°26	2°54	13°28	20°38	3°15	24°54	25°53	16° 0	17°20	29° 3	11°56
T 4	6 52 41	13°18'36	22°35	2°50	26°27	3°41	13°22	20°41	3°13	24°54	25°55	15°54	17°17	29°10	11°57
F 5	6 56 37	14°19'44	5♌7	4°23	27°28	4°28	13°16	20°43	3°12	24°54	25°57	15°48	17°14	29°16	11°58
S 6	7 0 34	15°20'53	17°26	5°56	28°30	5°15	13°10	20°46	3°10	24°54	25°59	15°44	17°10	29°23	11°59
S 7	7 4 31	16°22'01	29°35	7°30	29°32	6° 3	13° 4	20°48	3° 8	24°53	26° 1	15°41	17° 7	29°30	11°59
M 8	7 8 27	17°23'08	11♌25	9° 4	0♌34	6°50	12°59	20°51	3° 7	24°53	26° 3	15°D40	17° 4	29°36	12° 0
T 9	7 12 24	18°24'16	23°27	10°39	1°37	7°37	12°53	20°53	3° 5	24°52	26° 4	15°40	17° 1	29°43	12° 1
W10	7 16 20	19°25'23	5♌15	12°14	2°40	8°25	12°48	20°55	3° 4	24°52	26° 6	15°41	16°58	29°50	12° 2
T 11	7 20 17	20°26'30	17° 2	13°50	3°43	9°12	12°43	20°57	3° 2	24°51	26° 8	15°43	16°54	29°56	12° 3
F 12	7 24 13	21°27'37	28°53	15°26	4°47	9°59	12°38	20°59	3° 1	24°51	26°10	15°45	16°51	0♌3	12° 4
S 13	7 28 10	22°28'44	10♌51	17° 3	5°51	10°47	12°33	21° 1	2°59	24°50	26°12	15°46	16°48	0°10	12° 5
S 14	7 32 6	23°29'50	23° 3	18°40	6°55	11°34	12°29	21° 3	2°58	24°50	26°14	15°R47	16°45	0°16	12° 7
M15	7 36 3	24°30'57	5♌32	20°17	8° 0	12°21	12°24	21° 5	2°57	24°49	26°16	15°46	16°42	0°23	12° 8
T 16	7 40 0	25°32'03	18°23	21°56	9° 5	13° 9	12°20	21° 6	2°55	24°49	26°18	15°45	16°39	0°30	12° 9
W17	7 43 56	26°33'08	1♌40	23°34	10°10	13°56	12°16	21° 8	2°54	24°48	26°20	15°43	16°35	0°36	12°11
T 18	7 47 53	27°34'13	15°23	25°14	11°15	14°44	12°12	21° 9	2°53	24°47	26°22	15°40	16°32	0°43	12°12
F 19	7 51 49	28°35'18	29°34	26°54	12°21	15°31	12° 9	21°10	2°52	24°46	26°24	15°38	16°29	0°49	12°13
S 20	7 55 46	29°36'23	14♌8	28°34	13°27	16°19	12° 5	21°11	2°51	24°46	26°26	15°36	16°26	0°56	12°15
S 21	7 59 42	0♌37'26	28°59	0♌15	14°33	17° 6	12° 2	21°12	2°50	24°45	26°28	15°34	16°23	1° 3	12°17
M22	8 3 39	1°38'29	14♌1	1°57	15°39	17°53	11°59	21°13	2°49	24°44	26°30	15°D34	16°20	1° 9	12°18
T 23	8 7 35	2°39'31	29° 3	3°39	16°46	18°41	11°56	21°14	2°48	24°43	26°32	15°34	16°16	1°16	12°20
W24	8 11 32	3°40'32	13♌59	5°22	17°53	19°28	11°54	21°15	2°47	24°42	26°34	15°35	16°13	1°23	12°22
T 25	8 15 29	4°41'31	28°40	7° 5	19° 0	20°16	11°51	21°15	2°46	24°41	26°36	15°36	16°10	1°29	12°23
F 26	8 19 25	5°42'30	13♌Y 1	8°50	20° 7	21° 3	11°49	21°16	2°45	24°41	26°38	15°37	16° 7	1°36	12°25
S 27	8 23 22	6°43'27	27° 1	10°34	21°14	21°51	11°47	21°16	2°44	24°40	26°40	15°37	16° 4	1°43	12°27
S 28	8 27 18	7°44'23	10♌39	12°19	22°22	22°38	11°45	21°17	2°44	24°39	26°41	15°R37	16° 0	1°49	12°29
M29	8 31 15	8°45'17	23°55	14° 5	23°29	23°26	11°44	21°17	2°43	24°38	26°43	15°37	15°57	1°56	12°31
T 30	8 35 11	9°46'11	6♌53	15°51	24°37	24°13	11°42	21°R17	2°43	24°37	26°45	15°37	15°54	2° 3	12°33
W31	8 39 8	10°47'03	19♌33	17°38	25°45	25°21	11°41	21°17	2°42	24°35	26°47	15°36	15°51	2°9	12°35

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23s 4	11n 2	5s11	24s 7	0s40	15s18	3n27	21s 0	1s 8	21n56	0s32	5s46	2n27	20n44	0s 7
T 2	22 59	14 31	5 6	24 14	0 46	15 33	3 27	20 49	1 8	21 56	0 32	5 47	2 27	20 44	0 7
W 3	22 54	17 15	4 45	24 20	0 53	15 48	3 27	20 38	1 8	21 55	0 32	5 47	2 27	20 43	0 7
T 4	22 48	19 5	4 10	24 25	0 59	16 2	3 27	20 27	1 8	21 55	0 31	5 48	2 28	20 43	0 7
F 5	22 42	19 58	3 24	24 28	1 4	16 16	3 26	20 16	1 8	21 54	0 31	5 49	2 28	20 43	0 6
S 6	22 35	19 52	2 29	24 30	1 10	16 30	3 26	20 4	1 8	21 53	0 31	5 50	2 28	20 42	0 6
S 7	22 28	18 50	1 27	24 31	1 15	16 44	3 25	19 53	1 8	21 53	0 31	5 50	2 28	20 42	0 6
M 8	22 20	16 58	0 22	24 30	1 21	16 58	3 24	19 41	1 8	21 52	0 31	5 51	2 29	20 42	0 6
T 9	22 12	14 23	0n43	24 28	1 26	17 12	3 23	19 28	1 7	21 52	0 30	5 52	2 29	20 42	0 6
W10	22 3 11	11 14	1 46	24 24	1 30	17 25	3 22	19 16	1 7	21 52	0 30	5 52	2 29	20 41	0 6
T 11	21 55	7 39	2 44	24 19	1 35	17 38	3 20	19 3	1 7	21 51	0 30	5 53	2 29	20 41	0 6
F 12	21 45	3 45	3 36	24 13	1 39	17 51	3 19	18 50	1 7	21 51	0 30	5 53	2 30	20 41	0 6
S 13	21 35	0s19	4 19	24 5	1 43	18 4	3 17	18 37	1 7	21 50	0 30	5 54	2 30	20 40	0 6
S 14	21 25	4 27	4 52	23 55	1 47	18 17	3 16	18 24	1 7	21 50	0 29	5 54	2 30	20 40	0 6
M15	21 15	8 29	5 11	23 45	1 50	18 29	3 14	18 11	1 7	21 50	0 29	5 54	2 31	20 40	0 6
T 16	21 3 12	16 5	5 16	23 32	1 53	18 41	3 12	17 57	1 6	21 49	0 29	5 55	2 31	20 40	0 6
W17	20 52	15 33	5 4	23 18	1 56	18 52	3 10	17 43	1 6	21 49	0 29	5 55	2 31	20 40	0 6
T 18	20 40	18 7	4 35	23 3	1 58	19 3	3 8	17 29	1 6	21 49	0 29	5 55	2 31	20 39	0 6
F 19	20 28	19 40	3 48	22 46	2 0	19 14	3 5	17 15	1 6	21 48	0 28	5 55	2 32	20 39	0 6
S 20	20 15	19 58	2 46	22 28	2 2	19 25	3 3	17 1	1 6	21 48	0 28	5 56	2 32	20 39	0 6
S 21	20 2 18	54 1	3 1	22 7	2 3	19 35	3 0	16 46	1 6	21 48	0 28	5 56	2 32	20 39	0 6
M22	19 49	16 30	0 9	21 46	2 4	19 45	2 58	16 31	1 5	21 48	0 28	5 56	2 32	20 39	0 6
T 23	19 35	12 58	1s14	21 23	2 5	19 54	2 55	16 17	1 5	21 47	0 28	5 56	2 33	20 38	0 6
W24	19 21	8 38	2 31	20 58	2 5	20 3	2 53	16 1	1 5	21 47	0 27	5 56	2 33	20 38	0 6
T 25	19 7 3	5 1	3 37	20 32	2 5	20 11	2 50	15 46	1 5	21 47	0 27	5 56	2 33	20 38	0 6
F 26	18 52	1n 2	4 28	20 4	2 4	20 20	2 47	15 31	1 5	21 47	0 27	5 56	2 34	20 38	0 6
S 27	18 37	5 44	5 1	19 34	2 3	20 27	2 44	15 15	1 4	21 47	0 27	5 56	2 34	20 38	0 6
S 28	18 21	10 1	5 17	19 3	2 1	20 34	2 41	15 0	1 4	21 47	0 27	5 56	2 34	20 38	0 6
M29	18 6	13 42	5 14	18 31	1 59	20 41	2 38	14 44	1 4	21 47	0 26	5 55	2 34	20 38	0 6
T 30	17 49	16 37	4 56	17 57	1 56	20 47	2 34	14 28	1 4	21 47	0 26	5 55	2 35	20 37	0 6
W31	17s33	18n40	4s24	17s21	1s52	20s53	2n31	14s12	1s 3	21n47	0s26	5s55	2n35	20n37	0s 6

Julian Day Number = 2369730.5, Delta T = 16.42 sec
 Ecliptic obliquity = 23°27'59", Nutation = - 0°00'11"
 Ayanamsha: Fagan/Bradley = 21°36'47", Lahiri = 20°43'47"Greg. Calendar

SWISS EPHEMERIS for the year 1776

FEBRUARY 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	8 43 4	11 ^h 47 ^m 53 ^s	1 ^h 59 ^m	19 ^h 25 ^m	26 ^h 53 ^m	25 ^h 48 ^m	11°R40	21°R17	2°R42	24°R34	26 ^h 49 ^m	15°R35	15 ^h 48 ^m	2 ^h 16 ^m	12 ^h 37 ^m
F 2	8 47 1	12°48'43"	14°14'	21°12'	28° 1'	26°35'	11 ^h 39 ^m	21 ^h 17 ^m	2 ^h 41 ^m	24 ^h 33 ^m	26°51'	15 ^h 35 ^m	15°45'	2°23'	12°39'
S 3	8 50 58	13°49'31"	26°19'	22°59'	29°10'	27°23'	11°39'	21°16'	2°41'	24°32'	26°53'	15°35'	15°41'	2°29'	12°42'
S 4	8 54 54	14°50'17"	8 ^h 16 ^m	24°47'	0 ^h 18 ^m	28°10'	11°38'	21°16'	2°40'	24°31'	26°55'	15°35'	15°38'	2°36'	12°44'
M 5	8 58 51	15°51'03"	20° 9'	26°34'	1°27'	28°58'	11°D38'	21°15'	2°40'	24°30'	26°57'	15°35'	15°35'	2°43'	12°46'
T 6	9 2 47	16°51'47"	1 ^h 58 ^m	28°20'	2°36'	29°45'	11°38'	21°14'	2°40'	24°28'	26°58'	15°35'	15°32'	2°49'	12°48'
W 7	9 6 44	17°52'29"	13°46'	0 ^h 7 ^m	3°45'	0 ^h 32 ^m	11°38'	21°14'	2°40'	24°27'	27° 0'	15°34'	15°29'	2°56'	12°51'
T 8	9 10 40	18°53'11"	25°35'	1°52'	4°54'	1°20'	11°39'	21°13'	2°40'	24°26'	27° 2'	15°34'	15°26'	3° 3'	12°53'
F 9	9 14 37	19°53'51"	7 ^h 29 ^m	3°36'	6° 3'	2° 7'	11°39'	21°12'	2°40'	24°25'	27° 4'	15°33'	15°22'	3° 9'	12°56'
S 10	9 18 33	20°54'30"	19°30'	5°18'	7°13'	2°55'	11°40'	21°11'	2°D40'	24°23'	27° 6'	15°33'	15°19'	3°16'	12°58'
S 11	9 22 30	21°55'08"	1 ^h 41 ^m	6°59'	8°22'	3°42'	11°41'	21°10'	2°40'	24°22'	27° 8'	15°32'	15°16'	3°22'	13° 1'
M12	9 26 27	22°55'45"	14° 8'	8°36'	9°32'	4°29'	11°42'	21° 8'	2°40'	24°21'	27° 9'	15°32'	15°13'	3°29'	13° 3'
T 13	9 30 23	23°56'21"	26°54'	10°11'	10°41'	5°17'	11°44'	21° 7'	2°40'	24°19'	27°11'	15°D32'	15°10'	3°36'	13° 6'
W14	9 34 20	24°56'55"	10 ^h 7 ^m	11°43'	11°51'	6° 4'	11°45'	21° 5'	2°40'	24°18'	27°13'	15°32'	15° 6'	3°42'	13° 9'
T 15	9 38 16	25°57'28"	23°35'	13°10'	13° 1'	6°51'	11°47'	21° 4'	2°40'	24°17'	27°15'	15°33'	15° 3'	3°49'	13°11'
F 16	9 42 13	26°58'00"	7 ^h 36 ^m	14°32'	14°11'	7°38'	11°49'	21° 2'	2°41'	24°15'	27°17'	15°34'	15° 0'	3°56'	13°14'
S 17	9 46 9	27°58'31"	22° 3'	15°49'	15°21'	8°26'	11°51'	21° 0'	2°41'	24°14'	27°18'	15°35'	14°57'	4° 2'	13°17'
S 18	9 50 6	28°59'00"	6 ^h 52 ^m	17° 0'	16°31'	9°13'	11°54'	20°58'	2°42'	24°12'	27°20'	15°35'	14°54'	4° 9'	13°20'
M19	9 54 2	29°59'28"	21°58'	18° 4'	17°42'	10° 0'	11°56'	20°57'	2°42'	24°11'	27°22'	15°R35'	14°51'	4°16'	13°22'
T 20	9 57 59	0 ^h 59'54 ^m	7 ^h 12 ^m	19° 1'	18°52'	10°47'	11°59'	20°54'	2°43'	24° 9'	27°23'	15°35'	14°47'	4°22'	13°25'
W21	10 1 56	2° 0'18"	22°24'	19°49'	20° 3'	11°35'	12° 2'	20°52'	2°43'	24° 8'	27°25'	15°33'	14°44'	4°29'	13°28'
T 22	10 5 52	3° 0'41"	7 ^h 2 ^m	20°29'	21°13'	12°22'	12° 5'	20°50'	2°44'	24° 6'	27°27'	15°31'	14°41'	4°36'	13°31'
F 23	10 9 49	4° 1'01"	22° 5'	21° 0'	22°24'	13° 9'	12° 9'	20°48'	2°44'	24° 5'	27°28'	15°28'	14°38'	4°42'	13°34'
S 24	10 13 45	5° 1'20"	6 ^h 20 ^m	21°22'	23°34'	13°56'	12°12'	20°45'	2°45'	24° 3'	27°30'	15°26'	14°35'	4°49'	13°37'
S 25	10 17 42	6° 1'36"	20° 8'	21°34'	24°45'	14°43'	12°16'	20°43'	2°46'	24° 2'	27°32'	15°24'	14°32'	4°56'	13°40'
M26	10 21 38	7° 1'51"	3 ^h 29 ^m	21°R36'	25°56'	15°30'	12°20'	20°40'	2°47'	24° 0'	27°33'	15°D24'	14°28'	5° 2'	13°43'
T 27	10 25 35	8° 2'04"	16°25'	21°29'	27° 7'	16°17'	12°24'	20°37'	2°48'	23°59'	27°35'	15°24'	14°25'	5° 9'	13°46'
W28	10 29 31	9° 2'14"	29° 0'	21°12'	28°18'	17° 4'	12°28'	20°34'	2°49'	23°57'	27°36'	15°25'	14°22'	5°16'	13°50'
T 29	10 33 28	10 ^h 2'22 ^m	11 ^h 17 ^m	20 ^h 47 ^m	29 ^h 29 ^m	17 ^h 51 ^m	12 ^h 33 ^m	20 ^h 32 ^m	2 ^h 50 ^m	23 ^h 55 ^m	27 ^h 38 ^m	15 ^h 27 ^m	14 ^h 19 ^m	5 ^h 22 ^m	13 ^h 53 ^m

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s16	19n48	3s40	16s44	1s48	20s58	2n28	13s55	1s 3	21n47	0s26	5s55	2n35	20n37	0s 6
F 2	16 59	19 58	2 46	16 5	1 44	21 3	2 25	13 39	1 3	21 47	0 26	5 54	2 36	20 37	0 6
S 3	16 42	19 12	1 45	15 25	1 39	21 7	2 21	13 22	1 2	21 47	0 25	5 54	2 36	20 37	0 6
S 4	16 24	17 34	0 41	14 44	1 33	21 10	2 18	13 6	1 2	21 47	0 25	5 53	2 36	20 37	0 6
M 5	16 6	15 11	0n25	14 2	1 27	21 13	2 14	12 49	1 2	21 48	0 25	5 53	2 36	20 37	0 6
T 6	15 48	12 11	1 30	13 18	1 19	21 16	2 11	12 32	1 2	21 48	0 25	5 52	2 37	20 37	0 6
W 7	15 30	8 42	2 31	12 34	1 12	21 18	2 7	12 15	1 1	21 48	0 24	5 52	2 37	20 37	0 6
T 8	15 11	4 53	3 25	11 48	1 3	21 19	2 3	11 58	1 1	21 48	0 24	5 51	2 37	20 37	0 6
F 9	14 52	0 52	4 10	11 2	0 54	21 20	2 0	11 41	1 1	21 49	0 24	5 51	2 37	20 37	0 6
S 10	14 33	3s14	4 46	10 15	0 44	21 20	1 56	11 23	1 0	21 49	0 24	5 50	2 38	20 37	0 6
S 11	14 13	7 15	5 9	9 28	0 33	21 20	1 52	11 6	1 0	21 49	0 24	5 49	2 38	20 37	0 6
M12	13 53	11 2	5 18	8 41	0 22	21 19	1 48	10 48	1 0	21 50	0 23	5 49	2 38	20 37	0 6
T 13	13 33	14 26	5 12	7 54	0 9	21 18	1 45	10 30	0 59	21 50	0 23	5 48	2 38	20 37	0 6
W14	13 13	17 13	4 49	7 8	0n 3	21 16	1 41	10 13	0 59	21 50	0 23	5 47	2 39	20 37	0 6
T 15	12 53	19 8	4 10	6 22	0 17	21 13	1 37	9 55	0 59	21 51	0 23	5 46	2 39	20 37	0 6
F 16	12 32	19 59	3 16	5 37	0 31	21 10	1 33	9 37	0 58	21 51	0 23	5 45	2 39	20 37	0 6
S 17	12 11	19 34	2 7	4 54	0 45	21 6	1 29	9 19	0 58	21 52	0 23	5 45	2 39	20 37	0 6
S 18	11 50	17 48	0 48	4 13	1 0	21 2	1 25	9 1	0 58	21 52	0 22	5 44	2 40	20 38	0 6
M19	11 29	14 46	0s35	3 35	1 15	20 57	1 21	8 42	0 57	21 53	0 22	5 43	2 40	20 38	0 6
T 20	11 8	10 41	1 57	2 58	1 30	20 52	1 17	8 24	0 57	21 53	0 22	5 42	2 40	20 38	0 6
W21	10 46	5 56	3 10	2 25	1 45	20 46	1 13	8 6	0 56	21 54	0 22	5 41	2 40	20 38	0 6
T 22	10 25	0 52	4 9	1 56	2 0	20 39	1 9	7 48	0 56	21 55	0 22	5 40	2 41	20 38	0 6
F 23	10 3 4n	7 4 50	1 30	2 15	20 32	1 6	7 29	0 56	21 55	0 21	5 38	2 41	20 38	0 6	
S 24	9 41	8 44	5 12	1 9	2 29	20 24	1 2	7 11	0 55	21 56	0 21	5 37	2 41	20 38	0 6
S 25	9 19	12 44	5 15	0 52	2 42	20 15	0 58	6 52	0 55	21 57	0 21	5 36	2 41	20 39	0 6
M26	8 56	15 57	5 1	0 39	2 55	20 6	0 54	6 33	0 54	21 57	0 21	5 35	2 42	20 39	0 6
T 27	8 34	18 17	4 31	0 32	3 6	19 57	0 50	6 15	0 54	21 58	0 21	5 34	2 42	20 39	0 6
W28	8 11	19 39	3 49	0 29	3 17	19 47	0 46	5 56	0 54	21 59	0 20	5 33	2 42	20 39	0 6
T 29	7s49	20n 2	2s58	0s31	3n25	19s36	0n42	5s37	0s53	21n59	0s20	5s31	2n42	20n39	0s 6

Julian Day Number = 2369761.5, Delta T = 16.41 sec
 Ecliptic obliquity = 23°28'00", Nutation = - 0°00'11"
 Ayanamsha: Fagan/Bradley = 21°36'51", Lahiri = 20°43'51"Greg. Calendar

SWISS EPHEMERIS for the year 1776

MARCH 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	10 37 25	11° 2' 29"	23° 22'	20° R13	0° 40'	18° 38'	12° 37'	20° R29	2° 51'	23° R54	27° 39'	15° 28'	14° 16'	5° 29'	13° 56'
S 2	10 41 21	12° 2' 33"	5° 17'	19° 33'	1° 51'	19° 25'	12° 42'	20° 26'	2° 52'	23° 52'	27° 41'	15° 30'	14° 12'	5° 36'	13° 59'
S 3	10 45 18	13° 2' 35"	17° 7'	18° 46'	3° 2'	20° 12'	12° 47'	20° 22'	2° 53'	23° 50'	27° 42'	15° R30	14° 9'	5° 42'	14° 2'
M 4	10 49 14	14° 2' 35"	28° 55'	17° 53'	4° 13'	20° 59'	12° 52'	20° 19'	2° 54'	23° 49'	27° 44'	15° 29'	14° 6'	5° 49'	14° 6'
T 5	10 53 11	15° 2' 33"	10° 43'	16° 57'	5° 25'	21° 46'	12° 57'	20° 16'	2° 55'	23° 47'	27° 45'	15° 27'	14° 3'	5° 55'	14° 9'
W 6	10 57 7	16° 2' 30"	22° 34'	15° 59'	6° 36'	22° 33'	13° 3'	20° 13'	2° 57'	23° 46'	27° 47'	15° 23'	14° 0'	6° 2'	14° 12'
T 7	11 1 4	17° 2' 24"	4° 29'	14° 59'	7° 47'	23° 20'	13° 9'	20° 9'	2° 58'	23° 44'	27° 48'	15° 18'	13° 57'	6° 9'	14° 16'
F 8	11 5 0	18° 2' 16"	16° 30'	14° 0'	8° 59'	24° 6'	13° 14'	20° 6'	2° 59'	23° 42'	27° 50'	15° 12'	13° 53'	6° 15'	14° 19'
S 9	11 8 57	19° 2' 07"	28° 38'	13° 3'	10° 10'	24° 53'	13° 20'	20° 2'	3° 1'	23° 41'	27° 51'	15° 6'	13° 50'	6° 22'	14° 22'
S 10	11 12 53	20° 1' 56"	10° 57'	12° 8'	11° 22'	25° 40'	13° 26'	19° 59'	3° 2'	23° 39'	27° 52'	15° 0'	13° 47'	6° 29'	14° 26'
M 11	11 16 50	21° 1' 43"	23° 28'	11° 17'	12° 33'	26° 26'	13° 33'	19° 55'	3° 4'	23° 37'	27° 54'	14° 56'	13° 44'	6° 35'	14° 29'
T 12	11 20 47	22° 1' 28"	6° 15'	10° 30'	13° 45'	27° 13'	13° 39'	19° 51'	3° 6'	23° 36'	27° 55'	14° 53'	13° 41'	6° 42'	14° 33'
W 13	11 24 43	23° 1' 12"	19° 19'	9° 48'	14° 57'	28° 0'	13° 46'	19° 47'	3° 7'	23° 34'	27° 56'	14° D51	13° 37'	6° 49'	14° 36'
T 14	11 28 40	24° 0' 54"	2° 43'	9° 13'	16° 8'	28° 46'	13° 53'	19° 43'	3° 9'	23° 32'	27° 57'	14° 52'	13° 34'	6° 55'	14° 39'
F 15	11 32 36	25° 0' 34"	16° 31'	8° 43'	17° 20'	29° 33'	13° 59'	19° 39'	3° 11'	23° 31'	27° 59'	14° 53'	13° 31'	7° 2'	14° 43'
S 16	11 36 33	26° 0' 13"	0° 42'	8° 19'	18° 32'	0° 19'	14° 6'	19° 35'	3° 12'	23° 29'	28° 0'	14° 54'	13° 28'	7° 9'	14° 46'
S 17	11 40 29	26° 59' 50"	15° 16'	8° 1'	19° 44'	1° 6'	14° 14'	19° 31'	3° 14'	23° 27'	28° 1'	14° R55	13° 25'	7° 15'	14° 50'
M 18	11 44 26	27° 59' 25"	0° 9'	7° 50'	20° 56'	1° 52'	14° 21'	19° 27'	3° 16'	23° 26'	28° 2'	14° 54'	13° 22'	7° 22'	14° 54'
T 19	11 48 22	28° 58' 58"	15° 16'	7° D45	22° 8'	2° 39'	14° 29'	19° 23'	3° 18'	23° 24'	28° 3'	14° 51'	13° 18'	7° 29'	14° 57'
W 20	11 52 19	29° 58' 29"	0° 26'	7° 45'	23° 20'	3° 25'	14° 36'	19° 19'	3° 20'	23° 22'	28° 4'	14° 46'	13° 15'	7° 35'	15° 1'
T 21	11 56 16	0° 57' 58"	15° 31'	7° 52'	24° 32'	4° 11'	14° 44'	19° 15'	3° 22'	23° 21'	28° 6'	14° 39'	13° 12'	7° 42'	15° 4'
F 22	12 0 12	1° 57' 25"	0° 20'	8° 3'	25° 44'	4° 58'	14° 52'	19° 10'	3° 24'	23° 19'	28° 7'	14° 32'	13° 9'	7° 49'	15° 8'
S 23	12 4 9	2° 56' 50"	14° 46'	8° 20'	26° 56'	5° 44'	15° 0'	19° 6'	3° 26'	23° 17'	28° 8'	14° 24'	13° 6'	7° 55'	15° 11'
S 24	12 8 5	3° 56' 12"	28° 44'	8° 42'	28° 8'	6° 30'	15° 8'	19° 2'	3° 28'	23° 16'	28° 9'	14° 18'	13° 3'	8° 2'	15° 15'
M 25	12 12 2	4° 55' 32"	12° 13'	9° 9'	29° 20'	7° 16'	15° 16'	18° 57'	3° 30'	23° 14'	28° 10'	14° 14'	12° 59'	8° 9'	15° 19'
T 26	12 15 58	5° 54' 50"	25° 14'	9° 40'	0° 32'	8° 2'	15° 25'	18° 53'	3° 33'	23° 13'	28° 11'	14° 11'	12° 56'	8° 15'	15° 22'
W 27	12 19 55	6° 54' 06"	7° 51'	10° 16'	1° 44'	8° 48'	15° 33'	18° 48'	3° 35'	23° 11'	28° 12'	14° D11	12° 53'	8° 22'	15° 26'
T 28	12 23 51	7° 53' 19"	20° 7'	10° 55'	2° 56'	9° 34'	15° 42'	18° 44'	3° 37'	23° 9'	28° 12'	14° 11'	12° 50'	8° 29'	15° 30'
F 29	12 27 48	8° 52' 30"	2° 9'	11° 39'	4° 9'	10° 20'	15° 51'	18° 39'	3° 39'	23° 8'	28° 13'	14° 12'	12° 47'	8° 35'	15° 33'
S 30	12 31 45	9° 51' 39"	14° 1'	12° 25'	5° 21'	11° 6'	16° 0'	18° 35'	3° 42'	23° 6'	28° 14'	14° R13	12° 43'	8° 42'	15° 37'
S 31	12 35 41	10° 50' 45"	25° 49'	13° 15'	6° 33'	11° 52'	16° II 9	18° 30'	3° 44'	23° 5	28° 15'	14° 12'	12° 40'	8° 49'	15° 41'

Day	☉			☽			♀			♁			♂			♃			♅			♁			♁			♁			♁		
	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat			
F 1	7s26	19n29	1s59	0s38	3n32	19s25	0n38	5s18	0s53	22n 0	0s20	5s30	2n42	20n40	0s 6	3n37	1n17	23s23	2s47	16n13	16n34	11n15	6n47	1n24	11n15	6n48	1n23	11n15	6n48	1n23			
S 2	7 3 18	4 0 56	0 49	3 37	19 13	0 34	5 0	0 52	22 1	0 20	5 29	2 43	20 40	0 6	3 37	1 17	23 23	2 47	16 13	16 35	11 13	6 48	1 23	11 13	6 48	1 23	11 13	6 48	1 23				
S 3	6 40 15	52 0n 9	1 4	3 40	19 0	0 31	4 41	0 52	22 2	0 20	5 27	2 43	20 40	0 6	3 38	1 17	23 23	2 47	16 12	16 36	11 11	6 49	1 23	11 11	6 49	1 23	11 11	6 49	1 23				
M 4	6 17 13	0 1 13	1 24	3 41	18 47	0 27	4 22	0 51	22 3	0 20	5 26	2 43	20 40	0 6	3 39	1 17	23 23	2 48	16 13	16 37	11 10	6 51	1 23	11 10	6 51	1 23	11 10	6 51	1 23				
T 5	5 54 9	37 2 14	1 47	3 40	18 34	0 23	4 3	0 51	22 4	0 19	5 24	2 43	20 41	0 6	3 39	1 17	23 22	2 48	16 13	16 38	11 8	6 52	1 23	11 8	6 52	1 23	11 8	6 52	1 23				
W 6	5 31 5	51 3 9	2 12	3 37	18 20	0 19	3 44	0 50	22 4	0 19	5 23	2 43	20 41	0 6	3 40	1 17	23 22	2 48	16 15	16 39	11 6	6 53	1 23	11 6	6 53	1 23	11 6	6 53	1 23				
T 7	5 7 1	50 3 57	2 40	3 32	18 5	0 16	3 25	0 50	22 5	0 19	5 22	2 44	20 41	0 6	3 41	1 17	23 22	2 48	16 16	16 40	11 5	6 54	1 23	11 5	6 54	1 23	11 5	6 54	1 23				
F 8	4 44 2s17	4 34	3 9	3 25	17 50	0 12	3 6	0 49	22 6	0 19	5 20	2 44	20 41	0 6	3 41	1 17	23 22	2 48	16 18	16 41	11 3	6 55	1 23	11 3	6 55	1 23	11 3	6 55	1 23				
S 9	4 21 6 21	4 59	3 39	3 16	17 35	0 8	2 47	0 49	22 7	0 19	5 19	2 44	20 42	0 6	3 42	1 17	23 22	2 48	16 20	16 42	11 1	6 57	1 23	11 1	6 57	1 23	11 1	6 57	1 23				
S 10	3 57 10 12	5 11	4 9	3 6	17 19	0 5	2 28	0 48	22 8	0 18	5 17	2 44	20 42	0 6	3 43	1 17	23 22	2 48	16 21	16 42	11 0	6 58	1 23	11 0	6 58	1 23	11 0	6 58	1 23				
M 11	3 34 13 41	5 8	4 39	2 54	17 2	0 1	2 9	0 48	22 9	0 18	5 16	2 44	20 42	0 6	3 43	1 17	23 22	2 49	16 23	16 43	10 58	6 59	1 22	10 58	6 59	1 22	10 58	6 59	1 22				
T 12	3 10 16 36	4 50	5 9	2 42	16 45	0s 2	1 50	0 48	22 10	0 18	5 14	2 44	20 43	0 6	3 44	1 18	23 21	2 49	16 23	16 44	10 56	7 0	1 22	10 56	7 0	1 22	10 56	7 0	1 22				
W 13	2 46 18 46	4 17	5 37	2 28	16 28	0 6	1 31	0 47	22 11	0 18	5 12	2 45	20 43	0 6	3 45	1 18	23 21	2 49	16 24	16 45	10 54	7 1	1 22	10 54	7 1	1 22	10 54	7 1	1 22				
T 14	2 23 19 57	3 29	6 4	2 14	16 10	0 9	1 12	0 47	22 12	0 18	5 11	2 45	20 43	0 6	3 45	1 18	23 21	2 49	16 24	16 46	10 53	7 3	1 22	10 53	7 3	1 22	10 53	7 3	1 22				
F 15	1 59 19 59	2 28	6 28	1 59	15 51	0 13	0 53	0 46	22 13	0 18	5 9	2 45	20 44	0 5	3 46	1 18	23 21	2 49	16 23	16 47	10 51	7 4	1 22	10 51	7 4	1 22	10 51	7 4	1 22				
S 16	1 35 18 47	1 17	6 51	1 44	15 33	0 16	0 34	0 46	22 14	0 17	5 8	2 45	20 44	0 5	3 47	1 18	23 21	2 49	16 23	16 48	10 49	7 5	1 22	10 49	7 5	1 22	10 49	7 5	1 22				
S 17	1 12 16 18	0s 2	7 12	1 29	15 13	0 19	0 15	0 45	22 15	0 17	5 6	2 45	20 44	0 5	3 47	1 18	23 21	2 50	16 23	16 49	10 47	7 7	1 22	10 47	7 7	1 22	10 47	7 7	1 22				
M 18	0 48 12 42	1 22	7 30	1 14	14 53	0 23	0n 4	0 45	22 16	0 17	5 4	2 45	20 45	0 5	3 48	1 18	23 21	2 50	16 23	16 50	10 46	7 8	1 22	10 46	7 8								

SWISS EPHEMERIS for the year 1776

APRIL 1776

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	12 39 38	11°49'49"	7°36'	14°9'	7°45'	12°38'	16°18'	18°26'	3°47'	23°R 3	28°16'	14°R 9	12°37'	8°55'	15°44'
T 2	12 43 34	12°48'51"	19°26'	15°5'	8°58'	13°24'	16°27'	18°21'	3°49'	23°R 1	28°17'	14°R 4	12°34'	9°2'	15°48'
W 3	12 47 31	13°47'51"	1°21'	16°4'	10°10'	14°10'	16°37'	18°17'	3°52'	23° 0	28°17'	13°56'	12°31'	9°9'	15°52'
T 4	12 51 27	14°46'48"	13°24'	17°6'	11°22'	14°55'	16°46'	18°12'	3°54'	22°58'	28°18'	13°46'	12°28'	9°15'	15°55'
F 5	12 55 24	15°45'44"	25°37'	18°11'	12°35'	15°41'	16°56'	18°7'	3°57'	22°57'	28°19'	13°35'	12°24'	9°22'	15°59'
S 6	12 59 20	16°44'37"	7°59'	19°18'	13°47'	16°27'	17°6'	18°3'	3°59'	22°55'	28°19'	13°23'	12°21'	9°29'	16°3'
S 7	13 3 17	17°43'29"	20°32'	20°28'	14°59'	17°12'	17°16'	17°58'	4°2'	22°54'	28°20'	13°12'	12°18'	9°35'	16°6'
M 8	13 7 13	18°42'19"	3°16'	21°39'	16°12'	17°58'	17°25'	17°53'	4°5'	22°52'	28°21'	13°3'	12°15'	9°42'	16°10'
T 9	13 11 10	19°41'07"	16°12'	22°53'	17°24'	18°43'	17°36'	17°49'	4°7'	22°51'	28°21'	12°56'	12°12'	9°49'	16°14'
W10	13 15 7	20°39'54"	29°22'	24°10'	18°37'	19°29'	17°46'	17°44'	4°10'	22°50'	28°22'	12°52'	12°8'	9°55'	16°17'
T 11	13 19 3	21°38'38"	12°34'	25°28'	19°49'	20°14'	17°56'	17°40'	4°13'	22°48'	28°22'	12°50'	12°5'	10°2'	16°21'
F 12	13 23 0	22°37'21"	26°28'	26°48'	21°2'	21°0'	18°6'	17°35'	4°16'	22°47'	28°23'	12°D49	12°2'	10°8'	16°25'
S 13	13 26 56	23°36'03"	10°27'	28°10'	22°14'	21°45'	18°17'	17°30'	4°19'	22°45'	28°23'	12°R50	11°59'	10°15'	16°28'
S 14	13 30 53	24°34'42"	24°44'	29°34'	23°27'	22°30'	18°27'	17°26'	4°21'	22°44'	28°24'	12°49'	11°56'	10°22'	16°32'
M15	13 34 49	25°33'20"	9°17'	1°0'	24°39'	23°15'	18°38'	17°21'	4°24'	22°43'	28°24'	12°47'	11°53'	10°28'	16°35'
T 16	13 38 46	26°31'56"	24°3'	2°28'	25°52'	24°1'	18°49'	17°17'	4°27'	22°41'	28°24'	12°42'	11°49'	10°35'	16°39'
W17	13 42 42	27°30'31"	8°56'	3°58'	27°5'	24°46'	19°0'	17°12'	4°30'	22°40'	28°25'	12°35'	11°46'	10°42'	16°43'
T 18	13 46 39	28°29'03"	23°47'	5°29'	28°17'	25°31'	19°10'	17°8'	4°33'	22°39'	28°25'	12°25'	11°43'	10°48'	16°46'
F 19	13 50 36	29°27'34"	8°28'	7°3'	29°30'	26°16'	19°21'	17°3'	4°36'	22°37'	28°25'	12°13'	11°40'	10°55'	16°50'
S 20	13 54 32	0°26'03"	22°50'	8°38'	0°42'	27°1'	19°33'	16°59'	4°39'	22°36'	28°26'	12°2'	11°37'	11°2'	16°54'
S 21	13 58 29	1°24'30"	6°49'	10°14'	1°55'	27°46'	19°44'	16°54'	4°42'	22°35'	28°26'	11°52'	11°34'	11°8'	16°57'
M22	14 2 25	2°22'55"	20°21'	11°53'	3°8'	28°31'	19°55'	16°50'	4°45'	22°34'	28°26'	11°44'	11°30'	11°15'	17°1'
T 23	14 6 22	3°21'18"	3°25'	13°33'	4°20'	29°16'	20°6'	16°46'	4°49'	22°33'	28°26'	11°39'	11°27'	11°22'	17°4'
W24	14 10 18	4°19'38"	16°5'	15°15'	5°33'	0°0'	20°18'	16°41'	4°52'	22°31'	28°27'	11°36'	11°24'	11°28'	17°8'
T 25	14 14 15	5°17'57"	28°24'	16°59'	6°46'	0°45'	20°29'	16°37'	4°55'	22°30'	28°27'	11°35'	11°21'	11°35'	17°11'
F 26	14 18 11	6°16'14"	10°28'	18°44'	7°58'	1°30'	20°41'	16°33'	4°58'	22°29'	28°27'	11°35'	11°18'	11°42'	17°15'
S 27	14 22 8	7°14'28"	22°21'	20°32'	9°11'	2°14'	20°52'	16°29'	5°1'	22°28'	28°27'	11°35'	11°14'	11°48'	17°18'
S 28	14 26 5	8°12'40"	4°9'	22°21'	10°24'	2°59'	21°4'	16°24'	5°4'	22°27'	28°27'	11°33'	11°11'	11°55'	17°22'
M29	14 30 1	9°10'51"	15°58'	24°12'	11°36'	3°43'	21°16'	16°20'	5°8'	22°26'	28°R27	11°30'	11°8'	12°2'	17°25'
T 30	14 33 58	10°8'59"	27°51'	26°4'	12°49'	4°28'	21°28'	16°16'	5°11'	22°25'	28°R27	11°23'	11°5'	12°8'	17°29'

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	4n41	10n37	2n 2	7s43	1s36	9s38	1s 2	4n26	0s37	22n31	0s15	4s40	2n47	20n51	0s 5
T 2	5 4	6 54	2 57	7 29	1 44	9 13	1 4	4 44	0 36	22 32	0 15	4 38	2 47	20 51	0 5
W 3	5 27	2 54	3 45	7 13	1 52	8 48	1 7	5 2	0 36	22 33	0 15	4 36	2 47	20 52	0 5
T 4	5 50	1s16	4 22	6 55	1 59	8 22	1 9	5 21	0 35	22 34	0 15	4 35	2 47	20 52	0 5
F 5	6 13	5 26	4 49	6 36	2 5	7 56	1 11	5 39	0 35	22 35	0 14	4 33	2 47	20 53	0 5
S 6	6 35	9 25	5 2	6 15	2 11	7 30	1 13	5 57	0 34	22 36	0 14	4 31	2 47	20 53	0 5
S 7	6 58	13 4	5 1	5 52	2 16	7 4	1 15	6 15	0 34	22 37	0 14	4 29	2 47	20 54	0 5
M 8	7 20	16 10	4 45	5 28	2 21	6 38	1 17	6 33	0 33	22 38	0 14	4 27	2 47	20 54	0 5
T 9	7 43	18 32	4 14	5 3	2 25	6 11	1 19	6 51	0 32	22 39	0 14	4 26	2 47	20 55	0 5
W10	8 5	19 58	3 30	4 36	2 29	5 45	1 20	7 9	0 32	22 41	0 14	4 24	2 47	20 55	0 5
T 11	8 27	20 19	2 33	4 8	2 32	5 18	1 22	7 26	0 31	22 42	0 14	4 22	2 47	20 56	0 5
F 12	8 49	19 29	1 26	3 38	2 34	4 51	1 24	7 44	0 31	22 43	0 13	4 20	2 47	20 56	0 5
S 13	9 10	17 26	0 13	3 7	2 36	4 23	1 25	8 1	0 30	22 44	0 13	4 19	2 47	20 57	0 5
S 14	9 32	14 17	1s 3	2 35	2 38	3 56	1 27	8 19	0 29	22 45	0 13	4 17	2 47	20 57	0 5
M15	9 53	10 11	2 16	2 2	2 39	3 28	1 28	8 36	0 29	22 46	0 13	4 15	2 47	20 58	0 5
T 16	10 15	5 26	3 20	1 27	2 39	3 1	1 29	8 53	0 28	22 47	0 13	4 14	2 47	20 58	0 5
W17	10 36	0 19	4 12	0 51	2 39	2 33	1 31	9 10	0 28	22 48	0 13	4 12	2 47	20 59	0 5
T 18	10 57	4n49	4 46	0 14	2 38	2 5	1 32	9 27	0 27	22 49	0 13	4 10	2 47	21 0	0 5
F 19	11 18	9 35	5 1	0n24	2 37	1 37	1 33	9 44	0 26	22 50	0 13	4 9	2 46	21 0	0 5
S 20	11 38	13 44	4 56	1 3	2 35	1 9	1 34	10 1	0 26	22 51	0 12	4 7	2 46	21 1	0 5
S 21	11 59	16 59	4 34	1 43	2 33	0 41	1 35	10 18	0 25	22 52	0 12	4 5	2 46	21 1	0 5
M22	12 19	19 11	3 56	2 24	2 30	0 13	1 36	10 35	0 25	22 53	0 12	4 4	2 46	21 2	0 5
T 23	12 39	20 18	3 8	3 6	2 27	0n15	1 36	10 51	0 24	22 54	0 12	4 2	2 46	21 2	0 5
W24	12 59	20 20	2 11	3 49	2 23	0 43	1 37	11 7	0 23	22 55	0 12	4 1	2 46	21 3	0 5
T 25	13 18	19 22	1 9	4 33	2 18	1 11	1 38	11 24	0 23	22 56	0 12	3 59	2 46	21 4	0 5
F 26	13 38	17 32	0 6	5 17	2 14	1 40	1 38	11 40	0 22	22 57	0 12	3 57	2 46	21 4	0 5
S 27	13 57	14 58	0n57	6 3	2 8	2 8	1 39	11 56	0 21	22 58	0 11	3 56	2 46	21 5	0 5
S 28	14 16	11 48	1 57	6 49	2 2	2 36	1 39	12 12	0 21	22 59	0 11	3 54	2 46	21 5	0 5
M29	14 34	8 10	2 51	7 36	1 56	3 4	1 39	12 27	0 20	22 59	0 11	3 53	2 46	21 6	0 5
T 30	14n53	4n12	3n39	8n23	1s49	3n32	1s40	12n43	0s20	23n 0	0s11	3s52	2n46	21n 6	0s 5

Julian Day Number = 2369821.5, Delta T = 16.41 sec
 Ecliptic obliquity = 23°28'01", Nutation = - 0°00'13"
 Ayanamsha: Fagan/Bradley = 21°36'59", Lahiri = 20°43'59"Greg. Calendar

SWISS EPHEMERIS for the year 1776

MAY 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	14 37 54	11♈ 7'06	9♄52	27♃59	14♃ 2	5♃12	21♁40	16°R12	5♁14	22°R24	28°R27	11°R14	11♁ 2	12♁15	17♃32
T 2	14 41 51	12° 5'11	22° 5	29°55	15°15	5°57	21°52	16♁ 8	5°18	22♁23	28♁27	11♁ 3	10°59	12°22	17°36
F 3	14 45 47	13° 3'14	4♁30	1♃53	16°27	6°41	22° 4	16° 5	5°21	22°22	28°27	10°50	10°55	12°28	17°39
S 4	14 49 44	14° 1'15	17° 8	3°52	17°40	7°25	22°16	16° 1	5°24	22°21	28°26	10°37	10°52	12°35	17°42
S 5	14 53 40	14°59'15	29°59	5°54	18°53	8° 9	22°28	15°57	5°28	22°20	28°26	10°24	10°49	12°42	17°46
M 6	14 57 37	15°57'13	13♁ 3	7°57	20° 6	8°54	22°40	15°53	5°31	22°20	28°26	10°14	10°46	12°48	17°49
T 7	15 1 34	16°55'10	26°18	10° 1	21°18	9°38	22°53	15°50	5°34	22°19	28°26	10° 5	10°43	12°55	17°52
W 8	15 5 30	17°53'05	9♁44	12° 7	22°31	10°22	23° 5	15°46	5°38	22°18	28°26	10° 0	10°40	13° 2	17°56
T 9	15 9 27	18°50'59	23°20	14°14	23°44	11° 6	23°17	15°43	5°41	22°17	28°25	9°58	10°36	13° 8	17°59
F 10	15 13 23	19°48'52	7♁ 6	16°23	24°57	11°50	23°30	15°39	5°45	22°16	28°25	9°D57	10°33	13°15	18° 2
S 11	15 17 20	20°46'44	21° 3	18°32	26°10	12°34	23°42	15°36	5°48	22°16	28°25	9°R57	10°30	13°22	18° 6
S 12	15 21 16	21°44'34	5♁11	20°43	27°23	13°17	23°55	15°32	5°51	22°15	28°24	9°56	10°27	13°28	18° 9
M13	15 25 13	22°42'24	19°28	22°54	28°35	14° 1	24° 8	15°29	5°55	22°14	28°24	9°54	10°24	13°35	18°12
T 14	15 29 9	23°40'12	3♃53	25° 5	29°48	14°45	24°20	15°26	5°58	22°14	28°24	9°50	10°20	13°42	18°15
W15	15 33 6	24°37'59	18°21	27°16	1♃ 1	15°29	24°33	15°23	6° 2	22°13	28°23	9°42	10°17	13°48	18°18
T 16	15 37 3	25°35'44	2♃48	29°27	2°14	16°12	24°46	15°20	6° 5	22°13	28°23	9°33	10°14	13°55	18°21
F 17	15 40 59	26°33'29	17° 7	1♁38	3°27	16°56	24°59	15°17	6° 9	22°12	28°22	9°22	10°11	14° 2	18°24
S 18	15 44 56	27°31'12	1♁11	3°48	4°40	17°39	25°11	15°14	6°12	22°12	28°22	9°11	10° 8	14° 8	18°27
S 19	15 48 52	28°28'54	14°57	5°57	5°53	18°23	25°24	15°12	6°16	22°11	28°21	9° 1	10° 5	14°15	18°30
M20	15 52 49	29°26'35	28°21	8° 5	7° 6	19° 6	25°37	15° 9	6°19	22°11	28°21	8°53	10° 1	14°22	18°33
T 21	15 56 45	0♁24'14	11♁22	10°11	8°19	19°50	25°50	15° 6	6°23	22°10	28°20	8°48	9°58	14°28	18°36
W22	16 0 42	1°21'52	24° 1	12°15	9°32	20°33	26° 3	15° 4	6°26	22°10	28°20	8°45	9°55	14°35	18°39
T 23	16 4 38	2°19'28	6♁20	14°18	10°44	21°16	26°16	15° 1	6°30	22°10	28°19	8°D44	9°52	14°42	18°42
F 24	16 8 35	3°17'03	18°25	16°18	11°57	22° 0	26°30	14°59	6°33	22° 9	28°18	8°44	9°49	14°48	18°45
S 25	16 12 32	4°14'37	0♁20	18°16	13°10	22°43	26°43	14°57	6°37	22° 9	28°18	8°R44	9°46	14°55	18°48
S 26	16 16 28	5°12'09	12°10	20°12	14°23	23°26	26°56	14°55	6°40	22° 9	28°17	8°44	9°42	15° 2	18°51
M27	16 20 25	6° 9'39	24° 0	22° 5	15°36	24° 9	27° 9	14°53	6°44	22° 9	28°16	8°42	9°39	15° 8	18°53
T 28	16 24 21	7° 7'09	5♁57	23°56	16°49	24°52	27°22	14°51	6°47	22° 8	28°15	8°39	9°36	15°15	18°56
W29	16 28 18	8° 4'37	18° 3	25°44	18° 2	25°35	27°36	14°49	6°51	22° 8	28°15	8°32	9°33	15°22	18°59
T 30	16 32 14	9° 2'04	0♁22	27°29	19°15	26°18	27°49	14°47	6°55	22° 8	28°14	8°24	9°30	15°28	19° 1
F 31	16 36 11	9♁59'29	12♁58	29♁12	20♁28	27♁ 0	28♁ 2	14♁45	6♁58	22♁ 8	28♁13	8♁15	9♁26	15♁35	19♁ 4

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	15n11	0n 1	4n17	9n11	1s42	4n 0	1s40	12n59	0s19	23n 1	0s11	3s50	2n45	21n 7	0s 5	4n12	1n17	23s23	2s57	17n25	17n29	9n26	8n 6	1n19
T 2	15 29	4s13	4 44	10 0	1 34	4 28	1 40	13 14	0 18	23 2	0 11	3 49	2 45	21 8	0 5	4 12	1 17	23 23	2 57	17 29	17 30	9 25	8 8	1 19
F 3	15 46	8 21	4 58	10 48	1 25	4 56	1 40	13 29	0 18	23 3	0 11	3 47	2 45	21 8	0 5	4 13	1 17	23 23	2 57	17 32	17 31	9 23	8 9	1 19
S 4	16 4	12 12	4 58	11 37	1 17	5 24	1 40	13 44	0 17	23 4	0 11	3 46	2 45	21 9	0 5	4 13	1 17	23 24	2 58	17 36	17 32	9 21	8 10	1 19
S 5	16 21	15 34	4 43	12 26	1 8	5 52	1 40	13 59	0 16	23 5	0 11	3 45	2 45	21 9	0 5	4 13	1 17	23 24	2 58	17 39	17 32	9 19	8 11	1 19
M 6	16 38	18 12	4 13	13 15	0 58	6 20	1 39	14 14	0 16	23 5	0 10	3 43	2 45	21 10	0 5	4 14	1 17	23 24	2 58	17 42	17 33	9 17	8 13	1 19
T 7	16 55	19 56	3 29	14 4	0 49	6 47	1 39	14 28	0 15	23 6	0 10	3 42	2 45	21 11	0 5	4 14	1 17	23 24	2 58	17 44	17 34	9 15	8 14	1 19
W 8	17 11	20 34	2 33	14 53	0 39	7 15	1 39	14 43	0 14	23 7	0 10	3 41	2 44	21 11	0 5	4 14	1 17	23 24	2 58	17 46	17 35	9 13	8 15	1 19
T 9	17 27	20 1	1 27	15 41	0 28	7 42	1 38	14 57	0 14	23 8	0 10	3 40	2 44	21 12	0 5	4 14	1 17	23 25	2 58	17 46	17 36	9 11	8 16	1 19
F 10	17 43	18 16	0 15	16 28	0 18	8 9	1 38	15 11	0 13	23 8	0 10	3 39	2 44	21 13	0 5	4 15	1 17	23 25	2 59	17 47	17 37	9 10	8 18	1 18
S 11	17 58	15 25	0s59	17 15	0 8	8 36	1 37	15 26	0 13	23 9	0 10	3 37	2 44	21 13	0 5	4 15	1 17	23 25	2 59	17 47	17 38	9 8	8 19	1 18
S 12	18 13	11 38	2 9	18 0	0n 3	9 3	1 37	15 39	0 12	23 10	0 10	3 36	2 44	21 14	0 5	4 15	1 17	23 25	2 59	17 47	17 38	9 6	8 20	1 18
M13	18 28	7 8	3 13	18 44	0 14	9 29	1 36	15 53	0 11	23 11	0 10	3 35	2 44	21 14	0 5	4 15	1 17	23 26	2 59	17 47	17 39	9 4	8 21	1 18
T 14	18 43	2 12	4 5	19 27	0 24	9 56	1 35	16 7	0 11	23 11	0 9	3 34	2 43	21 15	0 5	4 16	1 17	23 26	2 59	17 48	17 40	9 2	8 22	1 18
W15	18 57	2n52	4 41	20 8	0 34	10 22	1 34	16 20	0 10	23 12	0 9	3 33	2 43	21 16	0 5	4 16	1 17	23 26	2 59	17 50	17 41	9 0	8 23	1 18
T 16	19 11	7 46	5 0	20 47	0 44	10 48	1 34	16 33	0 9	23 13	0 9	3 32	2 43	21 16	0 5	4 16	1 17	23 26	3 0	17 53	17 42	8 58	8 25	1 18
F 17	19 24	12 11	4 59	21 24	0 54	11 14	1 33	16 46	0 9	23 13	0 9	3 31	2 43	21 17	0 5	4 16	1 17	23 27	3 0	17 56	17 43	8 56	8 26	1 18
S 18	19 38	15 51	4 40	21 58	1 4	11 39	1 32	16 59	0 8	23 14	0 9	3 30	2 43	21 17	0 5	4 16	1 17	23 27	3 0	17 59	17 44	8 54	8 27	1 18
S 19	19 51	18 33	4 5	22 31	1 12	12 4	1 30	17 12	0 7	23 14	0 9	3 30	2 42	21 18	0 5	4 17	1 17	23 27	3 0	18 1	17 44	8 53	8 28	1 18
M20	20 3	20 10	3 17	23 1	1 21	12 29	1 29	17 25	0 7	23 15	0 9	3 29	2 42	21 19	0 5	4 17	1 17	23 27	3 0	18 3	17 45	8 51	8 29	1 18
T 21	20 16	20 39	2 20	23 28	1 29	12 54	1 28	17 37	0 6	23 15	0 9	3 28	2 42	21 19	0 5	4 17	1 16	23 28	3 0	18 5	17 46	8 49	8 30	1 18
W22	20 27	20 3	1 18	23 53	1 36	13 19	1 27	17 49	0 5	23 16	0 9	3 27	2 42	21 20	0 5	4 17	1 16	23 28	3 1	18 6	17 47	8 47	8 31	1 18
T 23	20 39	18 30	0 13	24 14	1 43	13 43	1 25	18 1	0 5	23 16	0 9	3 26	2 42	21 20	0 5	4 17	1 16	23 28	3 1	18 6	17 48	8 45	8 32	1 18
F 24	20 50	16 9	0n52	24 34	1 49	14 6	1 24	18 13	0 4	23 17	0 8	3 26	2 41	21 21	0 5	4 17	1 16	23 29	3 1	18 6	17 49	8 43	8 33	1 18
S 25	21 1	13 8	1 53	24 50	1 54	14 30	1 23	18 25	0 4	23 17	0 8	3 25	2 41	21 22	0 5	4 17	1 16	23 29	3 1	18 6	17 50	8 41	8 35	1 18
S 26	21 12	9 36	2 49	25 4	1 58	14 53	1 21	18 36	0 3	23 18	0 8	3 24	2 41	21 22	0 5	4 17	1 16	23 29	3 1	18 6	17 50	8 39	8 36	1 18
M27	21 22	5 43	3 37	25 16	2 2	15 16	1 20	18 48	0 2	23 18	0 8	3 24	2 41	21 23	0 5	4 17	1 16	23 29	3 1	18 6	17 51	8 37	8 37	1 18
T 28	21 31	1 34	4 17	25 24	2 5	15 38	1 18	18 59	0 2	23 18	0 8	3 23	2 41	21 24	0 5	4 17	1 16	23 30	3 1	18 7	17 52	8 35	8 38	1 18
W29	21 41	2s41	4 46	25 31	2 7	16 0	1 16	19 1																

SWISS EPHEMERIS for the year 1776

JUNE 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
S 1	16 40 7	10II56'54	25III51	0052	21841	27843	28II16	14°R44	7II 2	22°R 8	28°R12	8°R 5	9Ω23	15♎42	19Υ 7									
S 2	16 44 4	11°54'18	9♁ 0	2°29	22°54	28°26	28°29	14Ω42	7° 5	22°D 8	28311	7Ω55	9°20	15°49	19° 9									
M 3	16 48 1	12°51'41	22°26	4° 3	24° 7	29° 9	28°42	14°41	7° 9	22♎ 8	28°10	7°47	9°17	15°55	19°12									
T 4	16 51 57	13°49'03	63 4	5°35	25°20	29°51	28°56	14°40	7°12	22° 8	28°10	7°41	9°14	16° 2	19°14									
W 5	16 55 54	14°46'24	19°53	7° 4	26°33	0II34	29° 9	14°38	7°16	22° 8	28° 9	7°38	9°11	16° 9	19°16									
T 6	16 59 50	15°43'45	3♁51	8°29	27°47	1°16	29°23	14°37	7°19	22° 8	28° 8	7°D37	9° 7	16°15	19°19									
F 7	17 3 47	16°41'05	17°54	9°52	29° 0	1°59	29°36	14°36	7°23	22° 8	28° 7	7°37	9° 4	16°22	19°21									
S 8	17 7 43	17°38'25	2♁ 1	11°12	0II13	2°41	29°50	14°35	7°26	22° 9	28° 6	7°38	9° 1	16°29	19°23									
S 9	17 11 40	18°35'44	16°10	12°29	1°26	3°23	03 3	14°35	7°30	22° 9	28° 5	7°R39	8°58	16°35	19°26									
M10	17 15 36	19°33'03	0Υ21	13°43	2°39	4° 6	0°17	14°34	7°33	22° 9	28° 4	7°38	8°55	16°42	19°28									
T 11	17 19 33	20°30'21	14°31	14°54	3°52	4°48	0°30	14°33	7°37	22° 9	28° 3	7°36	8°52	16°49	19°30									
W12	17 23 30	21°27'39	28°37	16° 1	5° 5	5°30	0°44	14°33	7°40	22°10	28° 2	7°32	8°48	16°55	19°32									
T 13	17 27 26	22°24'57	12338	17° 6	6°18	6°12	0°57	14°32	7°43	22°10	28° 0	7°26	8°45	17° 2	19°34									
F 14	17 31 23	23°22'14	26°30	18° 7	7°32	6°54	1°11	14°32	7°47	22°10	27°59	7°19	8°42	17° 9	19°36									
S 15	17 35 19	24°19'31	10II 9	19° 5	8°45	7°36	1°25	14°32	7°50	22°11	27°58	7°12	8°39	17°15	19°38									
S 16	17 39 16	25°16'48	23°33	19°59	9°58	8°18	1°38	14°32	7°54	22°11	27°57	7° 6	8°36	17°22	19°40									
M17	17 43 12	26°14'04	6340	20°50	11°11	9° 0	1°52	14°D32	7°57	22°12	27°56	7° 1	8°32	17°29	19°42									
T 18	17 47 9	27°11'20	19°29	21°37	12°25	9°42	2° 5	14°32	8° 1	22°12	27°55	6°57	8°29	17°35	19°44									
W19	17 51 6	28° 8'35	2Ω 0	22°21	13°38	10°24	2°19	14°32	8° 4	22°13	27°54	6°D56	8°26	17°42	19°46									
T 20	17 55 2	29° 5'50	14°16	23° 0	14°51	11° 6	2°33	14°32	8° 7	22°13	27°52	6°56	8°23	17°49	19°48									
F 21	17 58 59	03 3'04	26°19	23°36	16° 4	11°47	2°46	14°33	8°11	22°14	27°51	6°57	8°20	17°55	19°49									
S 22	18 2 55	1° 0'18	8♎13	24° 7	17°18	12°29	3° 0	14°33	8°14	22°14	27°50	6°59	8°17	18° 2	19°51									
S 23	18 6 52	1°57'31	20° 4	24°34	18°31	13°11	3°14	14°34	8°17	22°15	27°49	7° 0	8°13	18° 9	19°53									
M24	18 10 48	2°54'43	1Ω55	24°57	19°44	13°52	3°27	14°34	8°21	22°16	27°48	7°R 1	8°10	18°15	19°54									
T 25	18 14 45	3°51'55	13°53	25°15	20°58	14°34	3°41	14°35	8°24	22°16	27°46	7° 0	8° 7	18°22	19°56									
W26	18 18 41	4°49'07	26° 0	25°29	22°11	15°15	3°55	14°36	8°27	22°17	27°45	6°58	8° 4	18°29	19°57									
T 27	18 22 38	5°46'18	8III23	25°39	23°24	15°56	4° 8	14°37	8°30	22°18	27°44	6°55	8° 1	18°35	19°59									
F 28	18 26 34	6°43'29	21° 4	25°43	24°38	16°38	4°22	14°38	8°34	22°19	27°42	6°51	7°57	18°42	20° 0									
S 29	18 30 31	7°40'39	4♁ 5	25°R43	25°51	17°19	4°35	14°39	8°37	22°20	27°41	6°47	7°54	18°49	20° 1									
S 30	18 34 28	837'50	17♁28	253739	27II 5	18II 0	4349	14Ω41	8II40	22♎20	27340	6Ω42	7Ω51	18♎55	20Υ 2									

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22n 7	14s32	4n50	25n37	2n 9	17n 4	1s11	19n41	0n 1	23n20	0s 8	3s21	2n40	21n26	0s 5	4n17	1n16	23s31	3s 2	18n16	17n55	8n27	8n42	1n18
S 2	22 15	17 31	4 22	25 35	2 8	17 24	1 9	19 52	0 2	23 20	0 7	3 21	2 39	21 27	0 5	4 17	1 16	23 31	3 2	18 18	17 56	8 26	8 42	1 18
M 3	22 22	19 37	3 38	25 31	2 6	17 44	1 7	20 2	0 2	23 20	0 7	3 21	2 39	21 27	0 5	4 17	1 16	23 32	3 2	18 21	17 57	8 24	8 43	1 18
T 4	22 29	20 39	2 41	25 25	2 4	18 4	1 6	20 11	0 3	23 20	0 7	3 21	2 39	21 28	0 5	4 17	1 16	23 32	3 3	18 22	17 58	8 22	8 44	1 18
W 5	22 36	20 27	1 34	25 17	2 1	18 23	1 4	20 21	0 4	23 21	0 7	3 20	2 39	21 28	0 5	4 17	1 16	23 32	3 3	18 23	17 59	8 20	8 45	1 18
T 6	22 42	18 59	0 20	25 8	1 57	18 41	1 2	20 30	0 4	23 21	0 7	3 20	2 38	21 29	0 5	4 17	1 16	23 33	3 3	18 23	18 0	8 18	8 46	1 18
F 7	22 48	16 22	0s55	24 58	1 52	18 59	1 0	20 40	0 5	23 21	0 7	3 20	2 38	21 29	0 5	4 17	1 16	23 33	3 3	18 23	18 1	8 16	8 47	1 18
S 8	22 53	12 45	2 8	24 46	1 46	19 17	0 57	20 49	0 6	23 21	0 7	3 20	2 38	21 30	0 5	4 17	1 16	23 33	3 3	18 23	18 1	8 14	8 48	1 18
S 9	22 59	8 25	3 13	24 33	1 40	19 34	0 55	20 57	0 6	23 21	0 7	3 20	2 38	21 31	0 5	4 17	1 16	23 34	3 3	18 23	18 2	8 12	8 49	1 18
M10	23 3	3 37	4 6	24 19	1 33	19 51	0 53	21 6	0 7	23 21	0 7	3 20	2 37	21 31	0 5	4 17	1 16	23 34	3 3	18 23	18 3	8 10	8 50	1 18
T 11	23 8	1n22	4 44	24 3	1 26	20 7	0 51	21 15	0 7	23 21	0 7	3 20	2 37	21 32	0 5	4 17	1 16	23 34	3 4	18 24	18 4	8 8	8 50	1 18
W12	23 11	6 15	5 5	23 47	1 18	20 22	0 49	21 23	0 8	23 21	0 6	3 20	2 37	21 32	0 5	4 16	1 16	23 35	3 4	18 25	18 5	8 6	8 51	1 18
T 13	23 15	10 46	5 7	23 30	1 9	20 37	0 47	21 31	0 9	23 21	0 6	3 20	2 37	21 33	0 5	4 16	1 16	23 35	3 4	18 26	18 6	8 4	8 52	1 18
F 14	23 18	14 40	4 51	23 13	0 59	20 52	0 44	21 39	0 9	23 21	0 6	3 20	2 36	21 33	0 5	4 16	1 16	23 35	3 4	18 28	18 6	8 2	8 53	1 18
S 15	23 21	17 43	4 19	22 55	0 49	21 6	0 42	21 46	0 10	23 21	0 6	3 20	2 36	21 34	0 5	4 16	1 16	23 36	3 4	18 30	18 7	8 0	8 53	1 18
S 16	23 23	19 45	3 33	22 36	0 38	21 19	0 40	21 54	0 11	23 21	0 6	3 20	2 36	21 35	0 4	4 16	1 16	23 36	3 4	18 31	18 8	7 58	8 54	1 18
M17	23 25	20 41	2 37	22 17	0 27	21 32	0 37	22 1	0 11	23 21	0 6	3 20	2 36	21 35	0 4	4 15	1 16	23 37	3 4	18 32	18 9	7 56	8 55	1 18
T 18	23 26	20 31	1 33	21 58	0 15	21 44	0 35	22 8	0 12	23 21	0 6	3 21	2 35	21 36	0 4	4 15	1 16	23 37	3 5	18 33	18 10	7 54	8 56	1 18
W19	23 27	19 18	0 27	21 39	0 2	21 55	0 33	22 15	0 13	23 21	0 6	3 21	2 35	21 36	0 4	4 15	1 16	23 37	3 5	18 34	18 11	7 52	8 56	1 18
T 20	23 28	17 12	0n40	21 19	0s11	22 6	0 30	22 21	0 13	23 21	0 6	3 21	2 35	21 37	0 4	4 15	1 15	23 38	3 5	18 34	18 11	7 50	8 57	1 18
F 21	23 28	14 23	1 44	21 0	0 25	22 16	0 28	22 27	0 14	23 21	0 6	3 22	2 35	21 37	0 4	4 15	1 15	23 38	3 5	18 33	18 12	7 48	8 58	1 18
S 22	23 28	11 0	2 42	20 41	0 39	22 26	0 26	22 34	0 15	23 20	0 5	3 22	2 34	21 38	0 4	4 14	1 15	23 38	3 5	18 33	18 13	7 46	8 58	1 18
S 23	23 27	7 13	3 34	20 22	0 53	22 35	0 23	22 40	0 15	23 20	0 5	3 23	2 34	21 38	0 4	4 14	1 15	23 39	3 5	18 33	18 14	7 44	8 59	1 18
M24	23 26	3 9	4 16	20 3	1 8	22 43	0 21	22 45	0 16	23 20	0 5	3 23	2 34	21 39	0 4	4 14	1 15	23 39	3 5	18 32	18 15	7 42	8 59	1 18
T 25	23 25																							

SWISS EPHEMERIS for the year 1776

JULY 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	18 38 24	9 ^h 35'00	1 ^h 11	25°R30	28 ^h 18	18 ^h 41	5 ^h 3	14 ^h 42	8 ^h 43	22 ^h 21	27°R38	6°R39	7 ^h 48	19 ^h 2	20 ^h 4
T 2	18 42 21	10°32'10	15°11	25°26'16	29°31	19°23	5°16	14°43	8°46	22°22	27°37	6°36	7°45	19°9	20°5
W 3	18 46 17	11°29'21	29°25	24°58	0 ^h 45	20°4	5°30	14°45	8°49	22°23	27°36	6°35	7°42	19°15	20°6
T 4	18 50 14	12°26'31	13 ^h 49	24°36	1°58	20°45	5°43	14°47	8°52	22°24	27°34	6°D35	7°38	19°22	20°7
F 5	18 54 10	13°23'42	28°16	24°10	3°12	21°26	5°57	14°48	8°56	22°25	27°33	6°36	7°35	19°29	20°8
S 6	18 58 7	14°20'53	12 ^h 43	23°40	4°25	22°7	6°11	14°50	8°59	22°26	27°32	6°37	7°32	19°36	20°9
S 7	19 2 4	15°18'05	27°6	23°8	5°39	22°47	6°24	14°52	9°2	22°27	27°30	6°38	7°29	19°42	20°10
M 8	19 6 0	16°15'17	11 ^h 17	22°33	6°52	23°28	6°38	14°54	9°5	22°28	27°29	6°R39	7°26	19°49	20°11
T 9	19 9 57	17°12'29	25°26	21°55	8°6	24°9	6°51	14°56	9°8	22°30	27°28	6°39	7°23	19°56	20°12
W10	19 13 53	18°9'43	9 ^h 19	21°17	9°20	24°50	7°5	14°59	9°10	22°31	27°26	6°38	7°19	20°2	20°12
T 11	19 17 50	19°6'56	23°1	20°37	10°33	25°30	7°18	15°1	9°13	22°32	27°25	6°36	7°16	20°9	20°13
F 12	19 21 46	20°4'11	6 ^h 19	19°58	11°47	26°11	7°32	15°3	9°16	22°33	27°23	6°34	7°13	20°16	20°14
S 13	19 25 43	21°1'26	19°43	19°19	13°1	26°52	7°45	15°6	9°19	22°34	27°22	6°32	7°10	20°22	20°14
S 14	19 29 39	21°58'41	2 ^h 42	18°41	14°14	27°32	7°58	15°9	9°22	22°36	27°20	6°30	7°7	20°29	20°15
M15	19 33 36	22°55'58	15°28	18°5	15°28	28°13	8°12	15°11	9°25	22°37	27°19	6°29	7°3	20°36	20°15
T 16	19 37 33	23°53'14	28°0	17°31	16°42	28°53	8°25	15°14	9°28	22°38	27°18	6°28	7°0	20°42	20°16
W17	19 41 29	24°50'31	10 ^h 19	17°1	17°55	29°33	8°39	15°17	9°30	22°40	27°16	6°D28	6°57	20°49	20°16
T 18	19 45 26	25°47'49	22°27	16°35	19°9	0 ^h 14	8°52	15°20	9°33	22°41	27°15	6°28	6°54	20°56	20°17
F 19	19 49 22	26°45'07	4 ^h 26	16°12	20°23	0°54	9°5	15°23	9°36	22°42	27°13	6°29	6°51	21°2	20°17
S 20	19 53 19	27°42'25	16°19	15°55	21°37	1°34	9°18	15°26	9°38	22°44	27°12	6°30	6°48	21°9	20°17
S 21	19 57 15	28°39'44	28°9	15°42	22°51	2°14	9°32	15°29	9°41	22°45	27°11	6°31	6°44	21°16	20°17
M22	20 1 12	29°37'03	10 ^h 10	15°35	24°4	2°54	9°45	15°33	9°43	22°47	27°9	6°31	6°41	21°22	20°17
T 23	20 5 8	0 ^h 34'22	21°56	15°D34	25°18	3°34	9°58	15°36	9°46	22°48	27°8	6°32	6°38	21°29	20°R17
W24	20 9 5	1°31'42	4 ^h 3	15°39	26°32	4°14	10°11	15°40	9°48	22°50	27°6	6°R32	6°35	21°36	20°17
T 25	20 13 2	2°29'03	16°24	15°49	27°46	4°54	10°24	15°43	9°51	22°51	27°5	6°32	6°32	21°43	20°17
F 26	20 16 58	3°26'24	29°4	16°6	29°0	5°34	10°37	15°47	9°53	22°53	27°3	6°31	6°29	21°49	20°17
S 27	20 20 55	4°23'46	12 ^h 7	16°29	0 ^h 14	6°14	10°50	15°51	9°56	22°54	27°2	6°31	6°25	21°56	20°17
S 28	20 24 51	5°21'08	25°33	16°58	1°28	6°54	11°3	15°54	9°58	22°56	27°1	6°31	6°22	22°3	20°17
M29	20 28 48	6°18'31	9 ^h 34	17°34	2°42	7°34	11°16	15°58	10°0	22°58	26°59	6°D31	6°19	22°9	20°17
T 30	20 32 44	7°15'55	23°38	18°16	3°56	8°13	11°29	16°2	10°3	22°59	26°58	6°31	6°16	22°16	20°16
W31	20 36 41	8 ^h 13'19	8 ^h 11	19°3	5 ^h 10	8°53	11°42	16°6	10 ^h 5	23 ^h 1	26°56	6°R31	6°13	22 ^h 23	20°Y16

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23n 7	20s25	3n 2	18n10	2s57	23n24	0s 4	23n19	0n20	23n18	0s 5	3s28	2n32	21n43	0s 4
T 2	23 3	20 42	1 55	17 58	3 12	23 27	0 1	23 23	0 21	23 17	0 4	3 29	2 32	21 43	0 4
W 3	22 58	19 39	0 39	17 47	3 26	23 29	0n 1	23 27	0 22	23 17	0 4	3 29	2 32	21 44	0 4
T 4	22 53	17 20	0s40	17 37	3 40	23 31	0 4	23 31	0 22	23 16	0 4	3 30	2 31	21 44	0 4
F 5	22 47	13 55	1 57	17 29	3 53	23 32	0 6	23 34	0 23	23 16	0 4	3 31	2 31	21 44	0 4
S 6	22 42	9 39	3 6	17 22	4 5	23 32	0 9	23 37	0 24	23 15	0 4	3 32	2 31	21 45	0 4
S 7	22 35	4 53	4 3	17 16	4 17	23 32	0 11	23 40	0 24	23 15	0 4	3 33	2 31	21 45	0 4
M 8	22 29	0n 7	4 45	17 12	4 26	23 31	0 13	23 43	0 25	23 14	0 4	3 34	2 30	21 46	0 4
T 9	22 21	5 2	5 9	17 9	4 35	23 29	0 16	23 46	0 25	23 14	0 4	3 35	2 30	21 46	0 4
W10	22 14	9 38	5 15	17 8	4 42	23 26	0 18	23 48	0 26	23 13	0 4	3 36	2 30	21 47	0 4
T 11	22 6	13 40	5 3	17 8	4 48	23 23	0 20	23 50	0 27	23 12	0 4	3 37	2 30	21 47	0 4
F 12	21 58	16 55	4 34	17 10	4 52	23 19	0 23	23 52	0 27	23 12	0 4	3 39	2 29	21 48	0 4
S 13	21 49	19 14	3 51	17 13	4 54	23 15	0 25	23 54	0 28	23 11	0 3	3 40	2 29	21 48	0 4
S 14	21 40	20 30	2 56	17 17	4 55	23 9	0 27	23 55	0 29	23 10	0 3	3 41	2 29	21 49	0 4
M15	21 31	20 41	1 54	17 23	4 54	23 3	0 30	23 57	0 29	23 10	0 3	3 42	2 29	21 49	0 4
T 16	21 21	19 49	0 47	17 30	4 51	22 57	0 32	23 58	0 30	23 9	0 3	3 44	2 28	21 49	0 4
W17	21 11	18 1	0n21	17 38	4 47	22 50	0 34	23 58	0 31	23 8	0 3	3 45	2 28	21 50	0 4
T 18	21 1	15 25	1 27	17 47	4 41	22 42	0 36	23 59	0 31	23 7	0 3	3 46	2 28	21 50	0 4
F 19	20 50	12 12	2 29	17 57	4 34	22 33	0 38	24 0	0 32	23 6	0 3	3 48	2 28	21 51	0 4
S 20	20 39	8 32	3 23	18 8	4 25	22 24	0 40	24 0	0 32	23 6	0 3	3 49	2 27	21 51	0 4
S 21	20 27	4 33	4 9	18 19	4 15	22 14	0 42	24 0	0 33	23 5	0 3	3 51	2 27	21 51	0 4
M22	20 15	0 23	4 44	18 31	4 4	22 3	0 44	24 0	0 34	23 4	0 3	3 52	2 27	21 52	0 4
T 23	20 3	3s48	5 7	18 43	3 52	21 52	0 46	23 59	0 34	23 3	0 2	3 54	2 27	21 52	0 4
W24	19 51	7 54	5 17	18 55	3 39	21 40	0 48	23 59	0 35	23 2	0 2	3 55	2 26	21 53	0 4
T 25	19 38	11 46	5 13	19 7	3 26	21 27	0 50	23 58	0 36	23 1	0 2	3 57	2 26	21 53	0 4
F 26	19 25	15 12	4 53	19 20	3 11	21 14	0 52	23 57	0 36	23 0	0 2	3 58	2 26	21 53	0 4
S 27	19 11	18 0	4 18	19 32	2 57	21 0	0 54	23 56	0 37	22 59	0 2	4 0	2 26	21 54	0 4
S 28	18 57	19 55	3 28	19 43	2 41	20 46	0 56	23 55	0 37	22 58	0 2	4 2	2 25	21 54	0 4
M29	18 43	20 43	2 25	19 54	2 26	20 31	0 58	23 53	0 38	22 57	0 2	4 3	2 25	21 54	0 4
T 30	18 29	20 14	1 11	20 4	2 10	20 15	0 59	23 51	0 39	22 56	0 2	4 5	2 25	21 55	0 4
W31	18n14	18s23	0s 9	20n13	1s54	19n59	1n 1	23n49	0n39	22n55	0s 2	4s 7	2n25	21n55	0s 4

Julian Day Number = 2369912.5, Delta T = 16.41 sec
 Ecliptic obliquity = 23°28'00, Nutation = - 0°00'13
 Ayanamsha: Fagan/Bradley = 21°37'12, Lahiri = 20°44'12Greg. Calendar

SWISS EPHEMERIS for the year 1776

AUGUST 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	20 40 37	9♏10'45	22♋58	19♌57	6♌24	9♌33	11♌55	16♌10	10♏ 7	23♏ 3	26°R55	6°R31	6♌ 9	22♏29	20°R15
F 2	20 44 34	10° 8'11	7♋51	20°57	7°38	10°12	12° 8	16°15	10° 9	23° 5	26°S54	6♌31	6° 6	22°36	20°P15
S 3	20 48 31	11° 5'39	22°43	22° 3	8°52	10°52	12°20	16°19	10°11	23° 6	26°52	6°30	6° 3	22°43	20°14
S 4	20 52 27	12° 3'08	7♏26	23°14	10° 6	11°31	12°33	16°23	10°13	23° 8	26°51	6°30	6° 0	22°49	20°14
M 5	20 56 24	13° 0'38	21°54	24°31	11°20	12°10	12°46	16°28	10°15	23°10	26°50	6°29	5°57	22°56	20°13
T 6	21 0 20	13°58'09	6♋ 5	25°53	12°34	12°50	12°58	16°32	10°17	23°12	26°48	6°29	5°54	23° 3	20°12
W 7	21 4 17	14°55'42	19°56	27°21	13°48	13°29	13°11	16°37	10°19	23°13	26°47	6°D29	5°50	23° 9	20°12
T 8	21 8 13	15°53'17	3♏27	28°52	15° 2	14° 8	13°23	16°42	10°21	23°15	26°46	6°29	5°47	23°16	20°11
F 9	21 12 10	16°50'53	16°39	0♏29	16°16	14°48	13°35	16°46	10°23	23°17	26°44	6°30	5°44	23°23	20°10
S 10	21 16 6	17°48'30	29°34	2° 9	17°30	15°27	13°48	16°51	10°25	23°19	26°43	6°31	5°41	23°29	20° 9
S 11	21 20 3	18°46'09	12♌13	3°53	18°45	16° 6	14° 0	16°56	10°27	23°21	26°42	6°32	5°38	23°36	20° 8
M12	21 24 0	19°43'50	24°40	5°41	19°59	16°45	14°12	17° 1	10°29	23°23	26°40	6°33	5°35	23°43	20° 7
T13	21 27 56	20°41'31	6♌56	7°31	21°13	17°24	14°25	17° 6	10°30	23°25	26°39	6°R33	5°31	23°50	20° 6
W14	21 31 53	21°39'14	19° 2	9°24	22°27	18° 3	14°37	17°11	10°32	23°27	26°38	6°33	5°28	23°56	20° 5
T15	21 35 49	22°36'59	1♏ 2	11°19	23°42	18°42	14°49	17°16	10°33	23°29	26°37	6°31	5°25	24° 3	20° 4
F16	21 39 46	23°34'44	12°55	13°16	24°56	19°21	15° 1	17°21	10°35	23°31	26°35	6°29	5°22	24°10	20° 3
S17	21 43 42	24°32'31	24°46	15°14	26°10	19°59	15°13	17°27	10°37	23°33	26°34	6°27	5°19	24°16	20° 1
S18	21 47 39	25°30'20	6♌35	17°13	27°24	20°38	15°25	17°32	10°38	23°35	26°33	6°24	5°15	24°23	20° 0
M19	21 51 35	26°28'09	18°27	19°13	28°39	21°17	15°36	17°37	10°39	23°37	26°32	6°21	5°12	24°30	19°59
T20	21 55 32	27°26'00	0♏23	21°13	29°53	21°55	15°48	17°43	10°41	23°39	26°30	6°18	5° 9	24°36	19°57
W21	21 59 28	28°23'52	12°29	23°13	1♏ 7	22°34	16° 0	17°48	10°42	23°41	26°29	6°16	5° 6	24°43	19°56
T22	22 3 25	29°21'45	24°47	25°13	2°22	23°13	16°11	17°54	10°43	23°43	26°28	6°D15	5° 3	24°50	19°54
F23	22 7 22	0♏19'40	7♋23	27°13	3°36	23°51	16°23	18° 0	10°45	23°45	26°27	6°15	5° 0	24°56	19°53
S24	22 11 18	1°17'36	20°20	29°11	4°50	24°30	16°34	18° 5	10°46	23°47	26°26	6°16	4°56	25° 3	19°51
S25	22 15 15	2°15'33	3♋41	1♏10	6° 5	25° 8	16°46	18°11	10°47	23°49	26°25	6°18	4°53	25°10	19°49
M26	22 19 11	3°13'31	17°30	3° 7	7°19	25°46	16°57	18°17	10°48	23°51	26°24	6°19	4°50	25°17	19°48
T27	22 23 8	4°11'31	1♋45	5° 3	8°34	26°25	17° 8	18°23	10°49	23°53	26°23	6°R20	4°47	25°23	19°46
W28	22 27 4	5° 9'33	16°25	6°59	9°48	27° 3	17°19	18°29	10°50	23°55	26°22	6°20	4°44	25°30	19°44
T29	22 31 1	6° 7'35	1♋24	8°53	11° 2	27°41	17°30	18°35	10°51	23°58	26°21	6°18	4°41	25°37	19°42
F30	22 34 57	7° 5'40	16°35	10°46	12°17	28°19	17°41	18°41	10°52	24° 0	26°20	6°15	4°37	25°43	19°41
S31	22 38 54	8♏ 3'46	1♏47	12♏38	13♏31	28♌57	17♌52	18♌47	10♏53	24♏ 2	26°S19	6♌11	4♌34	25♏50	19°P39

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17n59	15s18	1s30	20n21	1s39	19n42	1n 3	23n47	0n40	22n54	0s 2	4s 9	2n25	21n55	0s 4
F 2	17 43	11 11	2 45	20 28	1 23	19 25	1 4	23 45	0 41	22 53	0 2	4 10	2 24	21 56	0 4
S 3	17 28	6 24	3 49	20 33	1 7	19 7	1 6	23 42	0 41	22 52	0 1	4 12	2 24	21 56	0 4
S 4	17 12	1 18	4 37	20 36	0 52	18 49	1 7	23 40	0 42	22 51	0 1	4 14	2 24	21 56	0 4
M 5	16 56	3n48	5 7	20 38	0 37	18 30	1 9	23 37	0 42	22 50	0 1	4 16	2 24	21 57	0 4
T 6	16 39	8 34	5 17	20 37	0 23	18 10	1 10	23 34	0 43	22 49	0 1	4 18	2 24	21 57	0 4
W 7	16 23	12 47	5 9	20 34	0 9	17 50	1 11	23 30	0 44	22 48	0 1	4 20	2 23	21 57	0 4
T 8	16 6	16 14	4 43	20 29	0n 4	17 30	1 13	23 27	0 44	22 47	0 1	4 22	2 23	21 58	0 4
F 9	15 48	18 46	4 3	20 21	0 17	17 9	1 14	23 23	0 45	22 45	0 1	4 24	2 23	21 58	0 4
S 10	15 31	20 17	3 11	20 10	0 29	16 48	1 15	23 19	0 45	22 44	0 1	4 26	2 23	21 58	0 4
S 11	15 13	20 44	2 11	19 57	0 40	16 26	1 16	23 15	0 46	22 43	0 1	4 28	2 23	21 58	0 4
M12	14 55	20 9	1 5	19 41	0 50	16 3	1 17	23 11	0 47	22 42	0 1	4 30	2 22	21 59	0 4
T13	14 37	18 36	0n 2	19 22	1 0	15 40	1 18	23 7	0 47	22 41	0 0	4 32	2 22	21 59	0 4
W14	14 18	16 13	1 9	19 1	1 8	15 17	1 19	23 2	0 48	22 40	0 0	4 34	2 22	21 59	0 4
T15	13 59	13 10	2 11	18 37	1 16	14 54	1 20	22 58	0 49	22 38	0 0	4 36	2 22	21 59	0 4
F16	13 41	9 36	3 8	18 11	1 23	14 29	1 21	22 53	0 49	22 37	0 0	4 38	2 22	22 0	4
S17	13 21	5 41	3 56	17 42	1 29	14 5	1 21	22 48	0 50	22 36	0 0	4 41	2 21	22 0	4
S18	13 2	1 34	4 33	17 11	1 34	13 40	1 22	22 43	0 50	22 35	0n 0	4 43	2 21	22 0	4
M19	12 42	2s37	5 0	16 37	1 38	13 15	1 23	22 37	0 51	22 33	0 0	4 45	2 21	22 0	4
T20	12 23	6 44	5 13	16 2	1 41	12 49	1 23	22 32	0 52	22 32	0 0	4 47	2 21	22 0	4
W21	12 3	10 38	5 13	15 25	1 43	12 23	1 24	22 26	0 52	22 31	0 0	4 50	2 21	22 1	0
T22	11 43	14 9	4 59	14 47	1 45	11 57	1 24	22 20	0 53	22 30	0 0	4 52	2 21	22 1	0
F23	11 22	17 8	4 30	14 7	1 46	11 30	1 24	22 14	0 53	22 28	0 1	4 54	2 20	22 1	0
S24	11 2	19 21	3 46	13 26	1 46	11 4	1 25	22 8	0 54	22 27	0 1	4 56	2 20	22 1	0
S25	10 41	20 35	2 50	12 43	1 46	10 36	1 25	22 2	0 55	22 26	0 1	4 59	2 20	22 1	0
M26	10 20	20 38	1 42	12 0	1 45	10 9	1 25	21 55	0 55	22 24	0 1	5 1	2 20	22 1	0
T27	9 59	19 23	0 25	11 16	1 43	9 41	1 25	21 49	0 56	22 23	0 1	5 4	2 20	22 2	0
W28	9 38	16 49	0s55	10 31	1 41	9 13	1 25	21 42	0 56	22 22	0 1	5 6	2 20	22 2	0
T29	9 16	13 4	2 13	9 46	1 38	8 45	1 25	21 35	0 57	22 20	0 1	5 8	2 19	22 2	0
F30	8 55	8 25	3 23	9 0	1 35	8 16	1 25	21 28	0 58	22 19	0 1	5 11	2 19	22 2	0
S31	8n33	3s14	4s18	8n14	1n31	7n47	1n25	21n21	0n58	22n18	0n 1	5s13	2n19	22n 2	0s 4

Julian Day Number = 2369943.5, Delta T = 16.41 sec
 Ecliptic obliquity = 23°28'01, Nutation = - 0°00'13
 Ayanamsha: Fagan/Bradley = 21°37'16, Lahiri = 20°44'16Greg. Calendar

SWISS EPHEMERIS for the year 1776

SEPTEMBER 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	22 42 51	9 ^h 1'54	16 ^h 50	14 ^h 29	14 ^h 46	29 ^h 35	18 ^h 3	18 ^h 53	10 ^h 53	24 ^h 4	26 ^h 18	6 ^h 7	4 ^h 31	25 ^h 57	19 ^h 37
M 2	22 46 47	10° 0'04	1 ^h 37	16°19	16° 0	0 ^h 13	18°13	18°59	10°54	24° 6	26 ^h 17	6 ^h 2	4°28	26° 3	19 ^h 35
T 3	22 50 44	10°58'16	16° 0	18° 7	17°15	0°51	18°24	19° 5	10°55	24° 8	26°16	5°59	4°25	26°10	19°33
W 4	22 54 40	11°56'30	29°57	19°55	18°29	1°29	18°34	19°11	10°56	24°11	26°15	5°57	4°21	26°17	19°31
T 5	22 58 37	12°54'46	13 ^h 28	21°41	19°44	2° 7	18°45	19°18	10°56	24°13	26°14	5°D56	4°18	26°23	19°29
F 6	23 2 33	13°53'04	26°34	23°26	20°58	2°45	18°55	19°24	10°57	24°15	26°13	5°56	4°15	26°30	19°26
S 7	23 6 30	14°51'25	9 ^h 19	25°10	22°13	3°22	19° 5	19°31	10°57	24°17	26°12	5°58	4°12	26°37	19°24
S 8	23 10 26	15°49'47	21°46	26°53	23°27	4° 0	19°15	19°37	10°58	24°19	26°12	5°59	4° 9	26°44	19°22
M 9	23 14 23	16°48'12	4 ^h 0	28°34	24°42	4°38	19°25	19°43	10°58	24°22	26°11	6°R 0	4° 6	26°50	19°20
T 10	23 18 20	17°46'38	16° 3	0 ^h 15	25°56	5°15	19°35	19°50	10°58	24°24	26°10	6° 0	4° 2	26°57	19°18
W 11	23 22 16	18°45'07	28° 0	1°54	27°11	5°53	19°45	19°57	10°59	24°26	26° 9	5°57	3°59	27° 4	19°15
T 12	23 26 13	19°43'37	9 ^h 52	3°33	28°25	6°30	19°55	20° 3	10°59	24°28	26° 8	5°53	3°56	27°10	19°13
F 13	23 30 9	20°42'09	21°43	5°10	29°40	7° 7	20° 4	20°10	10°59	24°30	26° 8	5°46	3°53	27°17	19°10
S 14	23 34 6	21°40'44	3 ^h 33	6°46	0 ^h 54	7°45	20°14	20°17	10°59	24°33	26° 7	5°38	3°50	27°24	19° 8
S 15	23 38 2	22°39'20	15°24	8°21	2° 9	8°22	20°23	20°23	10°59	24°35	26° 6	5°29	3°46	27°30	19° 6
M 16	23 41 59	23°37'58	27°19	9°56	3°24	8°59	20°33	20°30	10°R59	24°37	26° 6	5°20	3°43	27°37	19° 3
T 17	23 45 55	24°36'38	9 ^h 19	11°29	4°38	9°37	20°42	20°37	10°59	24°39	26° 5	5°11	3°40	27°44	19° 1
W 18	23 49 42	25°35'19	21°27	13° 1	5°53	10°14	20°51	20°44	10°59	24°42	26° 5	5° 5	3°37	27°50	18°58
T 19	23 53 49	26°34'03	3 ^h 45	14°32	7° 7	10°51	21° 0	20°50	10°59	24°44	26° 4	5° 0	3°34	27°57	18°56
F 20	23 57 45	27°32'48	16°18	16° 3	8°22	11°28	21° 8	20°57	10°59	24°46	26° 4	4°57	3°31	28° 4	18°53
S 21	0 1 42	28°31'35	29°10	17°32	9°37	12° 5	21°17	21° 4	10°58	24°48	26° 3	4°D56	3°27	28°11	18°50
S 22	0 5 38	29°30'24	12 ^h 33	19° 0	10°51	12°41	21°26	21°11	10°58	24°50	26° 3	4°57	3°24	28°17	18°48
M 23	0 9 35	0 ^h 29'14	26° 2	20°27	12° 6	13°18	21°34	21°18	10°58	24°53	26° 2	4°58	3°21	28°24	18°45
T 24	0 13 31	1°28'06	10 ^h 7	21°53	13°20	13°55	21°42	21°25	10°57	24°55	26° 2	4°R58	3°18	28°31	18°43
W 25	0 17 28	2°27'00	24°40	23°19	14°35	14°32	21°50	21°32	10°57	24°57	26° 1	4°57	3°15	28°37	18°40
T 26	0 21 24	3°25'55	9 ^h 35	24°43	15°50	15° 8	21°58	21°39	10°56	24°59	26° 1	4°53	3°12	28°44	18°37
F 27	0 25 21	4°24'53	24°48	26° 6	17° 4	15°45	22° 6	21°46	10°56	25° 2	26° 1	4°46	3° 8	28°51	18°34
S 28	0 29 18	5°23'52	10 ^h 7	27°28	18°19	16°21	22°14	21°53	10°55	25° 4	26° 0	4°38	3° 5	28°57	18°32
S 29	0 33 14	6°22'54	25°22	28°49	19°33	16°58	22°22	22° 0	10°55	25° 6	26° 0	4°29	3° 2	29° 4	18°29
M 30	0 37 11	7°21'57	10 ^h 22	0 ^h 8	20 ^h 48	17°34	22°29	22° 7	10 ^h 54	25 ^h 8	26° 0	4°20	2°59	29 ^h 11	18°26

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n12	2n 5	4s55	7n27	1n27	7n18	1n25	21n13	0n59	22n16	0n 2	5s16	2n19	22n 2	0s 4
M 2	7 50	7 11	5 11	6 40	1 22	6 49	1 24	21 6	0 59	22 15	0 2	5 18	2 19	22 2	0 4
T 3	7 28	11 44	5 7	5 53	1 18	6 20	1 24	20 58	1 0	22 14	0 2	5 21	2 19	22 2	0 4
W 4	7 5	15 31	4 45	5 7	1 12	5 50	1 23	20 50	1 1	22 12	0 2	5 23	2 19	22 3	0 4
T 5	6 43	18 21	4 8	4 20	1 7	5 21	1 23	20 42	1 1	22 11	0 2	5 25	2 18	22 3	0 4
F 6	6 21	20 7	3 18	3 33	1 1	4 51	1 22	20 34	1 2	22 10	0 2	5 28	2 18	22 3	0 4
S 7	5 58	20 49	2 20	2 46	0 55	4 21	1 22	20 26	1 2	22 8	0 2	5 31	2 18	22 3	0 4
S 8	5 36	20 27	1 17	2 0	0 49	3 51	1 21	20 18	1 3	22 7	0 2	5 33	2 18	22 3	0 4
M 9	5 13	19 6	0 11	1 13	0 43	3 20	1 20	20 9	1 4	22 6	0 2	5 36	2 18	22 3	0 4
T 10	4 50	16 54	0n54	0 27	0 36	2 50	1 20	20 1	1 4	22 5	0 2	5 38	2 18	22 3	0 4
W 11	4 27	14 0	1 56	0s19	0 29	2 20	1 19	19 52	1 5	22 3	0 3	5 41	2 18	22 3	0 4
T 12	4 4	10 33	2 53	1 4	0 22	1 49	1 18	19 44	1 5	22 2	0 3	5 43	2 18	22 3	0 4
F 13	3 41	6 41	3 42	1 49	0 15	1 18	1 17	19 35	1 6	22 1	0 3	5 46	2 18	22 3	0 4
S 14	3 18	2 34	4 21	2 34	0 8	0 48	1 16	19 26	1 7	21 59	0 3	5 49	2 17	22 3	0 4
S 15	2 55	1s38	4 48	3 18	0 1	0 17	1 15	19 17	1 7	21 58	0 3	5 51	2 17	22 3	0 4
M 16	2 32	5 48	5 4	4 2	0s 6	0s14	1 13	19 7	1 8	21 57	0 3	5 54	2 17	22 3	0 4
T 17	2 9	9 47	5 6	4 45	0 14	0 44	1 12	18 58	1 8	21 56	0 3	5 56	2 17	22 3	0 4
W 18	1 45	13 24	4 55	5 28	0 21	1 15	1 11	18 49	1 9	21 54	0 3	5 59	2 17	22 3	0 4
T 19	1 22	16 31	4 29	6 11	0 29	1 46	1 9	18 39	1 10	21 53	0 4	6 2	2 17	22 3	0 4
F 20	0 59	18 56	3 51	6 53	0 36	2 17	1 8	18 29	1 10	21 52	0 4	6 4	2 17	22 3	0 4
S 21	0 35	20 28	3 0	7 34	0 44	2 47	1 7	18 20	1 11	21 51	0 4	6 7	2 17	22 3	0 4
S 22	0 12	20 56	1 58	8 14	0 51	3 18	1 5	18 10	1 11	21 49	0 4	6 10	2 17	22 3	0 4
M 23	0s12	20 11	0 48	8 54	0 59	3 49	1 4	18 0	1 12	21 48	0 4	6 12	2 17	22 3	0 4
T 24	0 35	18 10	0s28	9 34	1 6	4 19	1 2	17 50	1 13	21 47	0 4	6 15	2 17	22 3	0 4
W 25	0 59	14 56	1 43	10 12	1 14	4 50	1 0	17 40	1 13	21 46	0 4	6 18	2 17	22 3	0 4
T 26	1 22	10 40	2 54	10 50	1 21	5 20	0 59	17 29	1 13	21 45	0 4	6 20	2 16	22 3	0 4
F 27	1 45	5 39	3 54	11 28	1 28	5 50	0 57	17 19	1 15	21 43	0 4	6 23	2 16	22 3	0 4
S 28	2 9	0 14	4 37	12 4	1 36	6 20	0 55	17 9	1 15	21 42	0 5	6 26	2 16	22 3	0 4
S 29	2 32	5n10	5 0	12 40	1 43	6 50	0 53	16 58	1 16	21 41	0 5	6 28	2 16	22 3	0 4
M 30	2s56	10n10	5s 2	13s15	1s50	7s20	0n51	16n48	1n16	21n40	0n 5	6s31	2n16	22n 2	0s 4

Julian Day Number = 2369974.5, Delta T = 16.41 sec
 Ecliptic obliquity = 23°28'01, Nutation = - 0°00'14
 Ayanamsha: Fagan/Bradley = 21°37'20, Lahiri = 20°44'20Greg. Calendar

SWISS EPHEMERIS for the year 1776

OCTOBER 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 41 7	8♂21'03	24♂58	1♂27	22♂ 3	18♂11	22♂36	22♂15	10°R53	25♂10	26°R 0	4°R12	2♂56	29♂18	18°R23
W 2	0 45 4	9°20'11	9♂ 5	2°44	23°17	18°47	22°44	22°22	10♂52	25°13	25°59	4♂ 6	2°52	29°24	18°Y21
T 3	0 49 0	10°19'22	22°42	3°59	24°32	19°23	22°51	22°51	10°51	25°15	25°59	4° 2	2°49	29°31	18°18
F 4	0 52 57	11°18'35	5♂51	5°14	25°46	19°59	22°58	22°36	10°51	25°17	25°59	4° 1	2°46	29°38	18°15
S 5	0 56 53	12°17'50	18°34	6°26	27° 1	20°35	23° 4	22°43	10°50	25°19	25°59	4°D 1	2°43	29°44	18°12
S 6	1 0 50	13°17'08	0♂58	7°37	28°16	21°12	23°11	22°51	10°49	25°21	25°59	4°R 1	2°40	29°51	18° 9
M 7	1 4 46	14°16'28	13° 6	8°46	29°30	21°48	23°17	22°58	10°48	25°23	25°59	4° 1	2°37	29°58	18° 7
T 8	1 8 43	15°15'50	25° 3	9°54	0♂45	22°23	23°24	23° 5	10°47	25°25	25°D59	3°59	2°33	0♂ 4	18° 4
W 9	1 12 40	16°15'14	6♂55	10°59	1°59	22°59	23°30	23°12	10°45	25°28	25°59	3°54	2°30	0°11	18° 1
T 10	1 16 36	17°14'41	18°44	12° 2	3°14	23°35	23°36	23°20	10°44	25°30	25°59	3°47	2°27	0°18	17°58
F 11	1 20 33	18°14'09	0♂34	13° 2	4°29	24°11	23°42	23°27	10°43	25°32	25°59	3°36	2°24	0°25	17°55
S 12	1 24 29	19°13'40	12°26	13°59	5°43	24°46	23°47	23°34	10°42	25°34	25°59	3°24	2°21	0°31	17°52
S 13	1 28 26	20°13'13	24°23	14°54	6°58	25°22	23°53	23°41	10°40	25°36	25°59	3°10	2°17	0°38	17°50
M14	1 32 22	21°12'48	6♂25	15°45	8°13	25°57	23°58	23°49	10°39	25°38	25°59	2°56	2°14	0°45	17°47
T 15	1 36 19	22°12'25	18°34	16°33	9°27	26°33	24° 3	23°56	10°38	25°40	25°59	2°43	2°11	0°51	17°44
W16	1 40 15	23°12'04	0♂50	17°17	10°42	27° 8	24° 8	24° 3	10°36	25°42	26° 0	2°31	2° 8	0°58	17°41
T 17	1 44 12	24°11'45	13°16	17°56	11°57	27°43	24°13	24°11	10°35	25°44	26° 0	2°23	2° 5	1° 5	17°38
F 18	1 48 9	25°11'27	25°54	18°30	13°11	28°19	24°18	24°18	10°33	25°46	26° 0	2°18	2° 2	1°11	17°35
S 19	1 52 5	26°11'12	8♂46	18°59	14°26	28°54	24°22	24°25	10°32	25°48	26° 1	2°15	1°58	1°18	17°33
S 20	1 56 2	27°10'58	21°55	19°22	15°40	29°29	24°27	24°32	10°30	25°50	26° 1	2°14	1°55	1°25	17°30
M21	1 59 58	28°10'46	5♂25	19°38	16°55	0♂ 4	24°31	24°40	10°28	25°52	26° 1	2°14	1°52	1°32	17°27
T 22	2 3 55	29°10'35	19°18	19°48	18°10	0°39	24°35	24°47	10°27	25°54	26° 2	2°13	1°49	1°38	17°24
W23	2 7 51	0♂10'26	3♂35	19°R49	19°24	1°13	24°39	24°54	10°25	25°56	26° 2	2°11	1°46	1°45	17°22
T 24	2 11 48	1°10'19	18°15	19°43	20°39	1°48	24°42	25° 2	10°23	25°58	26° 2	2° 6	1°43	1°52	17°19
F 25	2 15 44	2°10'13	3♂13	19°27	21°53	2°23	24°46	25° 9	10°21	26° 0	26° 3	1°58	1°39	1°58	17°16
S 26	2 19 41	3°10'09	18°21	19° 3	23° 8	2°57	24°49	25°16	10°19	26° 2	26° 3	1°48	1°36	2° 5	17°13
S 27	2 23 38	4°10'07	3♂30	18°29	24°23	3°32	24°52	25°23	10°18	26° 3	26° 4	1°37	1°33	2°12	17°11
M28	2 27 34	5°10'07	18°28	17°46	25°37	4° 6	24°55	25°30	10°16	26° 5	26° 4	1°25	1°30	2°18	17° 8
T 29	2 31 31	6°10'09	3♂ 7	16°54	26°52	4°41	24°57	25°38	10°14	26° 7	26° 5	1°15	1°27	2°25	17° 5
W30	2 35 27	7°10'13	17°21	15°53	28° 6	5°15	25° 0	25°45	10°12	26° 9	26° 6	1° 7	1°23	2°32	17° 3
T 31	2 39 24	8♂10'19	1♂ 4	14♂45	29♂21	5♂49	25♂ 2	25♂52	10♂10	26♂11	26♂ 6	1♂ 2	1♂20	2♂39	17♂ 0

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	3s19	14n26	4s44	13s49	1s57	7s50	0n49	16n37	1n17	21n39	0n 5	6s34	2n16	22n 2	0s 4
W 2	3 42	17 44	4 9	14 22	2 3	8 20	0 47	16 26	1 18	21 38	0 5	6 36	2 16	22 2	0 4
T 3	4 6	19 55	3 21	14 54	2 10	8 49	0 45	16 16	1 18	21 37	0 5	6 39	2 16	22 2	0 4
F 4	4 29	20 56	2 24	15 25	2 16	9 18	0 43	16 5	1 19	21 36	0 5	6 42	2 16	22 2	0 4
S 5	4 52	20 50	1 21	15 55	2 22	9 47	0 41	15 54	1 19	21 35	0 5	6 45	2 16	22 2	0 4
S 6	5 15	19 42	0 16	16 24	2 28	10 16	0 39	15 43	1 20	21 34	0 6	6 47	2 16	22 2	0 4
M 7	5 38	17 40	0n48	16 52	2 34	10 44	0 37	15 32	1 21	21 33	0 6	6 50	2 16	22 2	0 4
T 8	6 1	14 54	1 49	17 19	2 39	11 13	0 34	15 21	1 21	21 32	0 6	6 53	2 16	22 1	0 4
W 9	6 24	11 32	2 45	17 45	2 45	11 41	0 32	15 10	1 22	21 31	0 6	6 55	2 16	22 1	0 4
T 10	6 47	7 44	3 33	18 9	2 49	12 8	0 30	14 58	1 22	21 30	0 6	6 58	2 16	22 1	0 4
F 11	7 10	3 38	4 13	18 31	2 54	12 36	0 27	14 47	1 23	21 29	0 6	7 1	2 16	22 1	0 4
S 12	7 32	0s37	4 41	18 53	2 57	13 3	0 25	14 36	1 24	21 28	0 6	7 3	2 16	22 1	0 4
S 13	7 55	4 52	4 57	19 12	3 1	13 30	0 23	14 24	1 24	21 28	0 7	7 6	2 16	22 1	0 4
M14	8 17	8 57	5 0	19 30	3 4	13 56	0 20	14 13	1 25	21 27	0 7	7 9	2 16	22 0	0 4
T 15	8 39	12 44	4 49	19 46	3 6	14 23	0 18	14 1	1 26	21 26	0 7	7 12	2 16	22 0	0 4
W16	9 2	16 2	4 25	20 0	3 8	14 48	0 15	13 50	1 26	21 25	0 7	7 14	2 16	22 0	0 4
T 17	9 24	18 39	3 48	20 13	3 9	15 14	0 13	13 38	1 27	21 25	0 7	7 17	2 16	22 0	0 4
F 18	9 46	20 25	2 59	20 22	3 9	15 39	0 10	13 26	1 27	21 24	0 7	7 20	2 16	22 0	0 4
S 19	10 7	21 10	2 1	20 30	3 8	16 4	0 8	13 15	1 28	21 23	0 7	7 22	2 16	21 59	0 4
S 20	10 29	20 47	0 54	20 34	3 6	16 28	0 5	13 3	1 29	21 23	0 7	7 25	2 16	21 59	0 4
M21	10 50	19 13	0s17	20 36	3 3	16 52	0 3	12 51	1 29	21 22	0 8	7 27	2 16	21 59	0 4
T 22	11 12	16 27	1 29	20 35	2 59	17 15	0 0	12 40	1 30	21 22	0 8	7 30	2 16	21 59	0 4
W23	11 33	12 39	2 37	20 30	2 54	17 38	0s 2	12 28	1 31	21 21	0 8	7 33	2 16	21 59	0 4
T 24	11 54	7 59	3 37	20 22	2 47	18 1	0 5	12 16	1 31	21 21	0 8	7 35	2 16	21 58	0 4
F 25	12 14	2 45	4 24	20 10	2 39	18 23	0 8	12 4	1 32	21 20	0 8	7 38	2 16	21 58	0 4
S 26	12 35	2n42	4 52	19 53	2 29	18 45	0 10	11 52	1 32	21 20	0 8	7 41	2 16	21 58	0 4
S 27	12 55	7 59	5 0	19 33	2 17	19 6	0 13	11 40	1 33	21 19	0 8	7 43	2 16	21 57	0 4
M28	13 16	12 44	4 47	19 8	2 4	19 26	0 16	11 28	1 34	21 19	0 9	7 46	2 16	21 57	0 4
T 29	13 36	16 38	4 16	18 38	1 49	19 46	0 18	11 16	1 34	21 18	0 9	7 48	2 16	21 57	0 4
W30	13 55	19 24	3 29	18 5	1 32	20 6	0 21	11 4	1 35	21 18	0 9	7 51	2 16	21 57	0 4
T 31	14s15	20n57	2s31	17s27	1s14	20s25	0s23	10n52	1n36	21n18	0n 9	7s54	2n16	21n56	0s 4

Julian Day Number = 2370004.5, Delta T = 16.41 sec
 Ecliptic obliquity = 23°28'02, Nutation = - 0°00'15
 Ayanamsha: Fagan/Bradley = 21°37'24, Lahiri = 20°44'24Greg. Calendar

SWISS EPHEMERIS for the year 1776

NOVEMBER 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
F 1	2 43 20	9♐10'27	14♌19	13°R31	0♈35	6♐23	25♄4	25♄59	10°R 8	26♐12	26♄7	0°R59	1♐17	2♌45	16°R58
S 2	2 47 17	10°10'37	27° 7	12♐14	1°50	6°57	25° 6	26° 6	10♐ 6	26°14	26° 8	0°D58	1°14	2°52	16°V55
S 3	2 51 13	11°10'49	9♌33	10°55	3° 4	7°31	25° 8	26°14	10° 3	26°16	26° 8	0°R58	1°11	2°59	16°53
M 4	2 55 10	12°11'04	21°42	9°37	4°19	8° 5	25°10	26°21	10° 1	26°18	26° 9	0♌58	1° 8	3° 5	16°50
T 5	2 59 7	13°11'20	3♐39	8°22	5°34	8°38	25°11	26°28	9°59	26°19	26°10	0°56	1° 4	3°12	16°48
W 6	3 3 3	14°11'38	15°30	7°13	6°48	9°12	25°12	26°35	9°57	26°21	26°11	0°52	1° 1	3°19	16°45
T 7	3 7 0	15°11'59	27°19	6°13	8° 3	9°46	25°13	26°42	9°55	26°22	26°12	0°45	0°58	3°26	16°43
F 8	3 10 56	16°12'21	9♂10	5°22	9°17	10°19	25°14	26°49	9°52	26°24	26°12	0°35	0°55	3°32	16°40
S 9	3 14 53	17°12'45	21° 7	4°41	10°32	10°52	25°14	26°56	9°50	26°26	26°13	0°23	0°52	3°39	16°38
S 10	3 18 49	18°13'10	3♐10	4°13	11°46	11°26	25°15	27° 3	9°48	26°27	26°14	0°10	0°49	3°46	16°36
M11	3 22 46	19°13'38	15°23	3°56	13° 1	11°59	25°R15	27°10	9°46	26°29	26°15	29♄56	0°45	3°52	16°33
T 12	3 26 42	20°14'07	27°45	3°D50	14°15	12°32	25°15	27°17	9°43	26°30	26°16	29°44	0°42	3°59	16°31
W13	3 30 39	21°14'38	10♈16	3°56	15°30	13° 5	25°15	27°24	9°41	26°32	26°17	29°33	0°39	4° 6	16°29
T 14	3 34 36	22°15'10	22°58	4°12	16°44	13°37	25°14	27°31	9°39	26°33	26°18	29°25	0°36	4°13	16°27
F 15	3 38 32	23°15'44	5♄50	4°38	17°59	14°10	25°14	27°37	9°36	26°35	26°19	29°19	0°33	4°19	16°25
S 16	3 42 29	24°16'19	18°54	5°12	19°13	14°43	25°13	27°44	9°34	26°36	26°20	29°17	0°29	4°26	16°22
S 17	3 46 25	25°16'55	2♌11	5°54	20°28	15°15	25°12	27°51	9°31	26°37	26°21	29°D17	0°26	4°33	16°20
M18	3 50 22	26°17'33	15°42	6°44	21°42	15°47	25°10	27°58	9°29	26°39	26°22	29°17	0°23	4°39	16°18
T 19	3 54 18	27°18'12	29°30	7°39	22°57	16°20	25° 9	28° 4	9°26	26°40	26°24	29°R17	0°20	4°46	16°16
W20	3 58 15	28°18'51	13♐34	8°40	24°11	16°52	25° 7	28°11	9°24	26°41	26°25	29°16	0°17	4°53	16°14
T 21	4 2 11	29°19'32	27°55	9°45	25°26	17°24	25° 5	28°18	9°21	26°42	26°26	29°13	0°14	4°59	16°13
F 22	4 6 8	0♈20'14	12♏29	10°55	26°40	17°55	25° 3	28°24	9°19	26°44	26°27	29° 7	0°10	5° 6	16°11
S 23	4 10 5	1°20'57	27°13	12° 7	27°54	18°27	25° 1	28°31	9°16	26°45	26°28	29° 0	0° 7	5°13	16° 9
S 24	4 14 1	2°21'41	11♌59	13°23	29° 9	18°59	24°59	28°37	9°14	26°46	26°30	28°51	0° 4	5°20	16° 7
M25	4 17 58	3°22'26	26°39	14°42	0♄23	19°30	24°56	28°44	9°11	26°47	26°31	28°41	0° 1	5°26	16° 5
T 26	4 21 54	4°23'13	11♐ 5	16° 2	1°37	20° 2	24°53	28°50	9° 9	26°48	26°32	28°33	29♄58	5°33	16° 4
W27	4 25 51	5°24'01	25°11	17°25	2°52	20°33	24°50	28°56	9° 6	26°49	26°34	28°27	29°55	5°40	16° 2
T 28	4 29 47	6°24'50	8♄53	18°49	4° 6	21° 4	24°47	29° 3	9° 4	26°50	26°35	28°22	29°51	5°46	16° 1
F 29	4 33 44	7°25'40	22°10	20°14	5°20	21°35	24°44	29° 9	9° 1	26°51	26°36	28°D20	29°48	5°53	15°59
S 30	4 37 40	8♈26'32	5♌ 2	21♐40	6♄35	22♐ 6	24♄40	29♄15	8♐59	26♐52	26♄38	28♄20	29♄45	6♌ 0	15°V58

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14s34	21n15	1s27	16s47	0s54	20s43	0s26	10n40	1n36	21n18	0n 9	7s56	2n16	21n56	0s 4
S 2	14 53	20 26	0 20	16 4	0 34	21 1	0 29	10 28	1 37	21 17	0 9	7 59	2 16	21 56	0 4
S 3	15 12	18 37	0n45	15 20	0 13	21 18	0 31	10 16	1 38	21 17	0 10	8 1	2 16	21 55	0 4
M 4	15 31	15 59	1 47	14 36	0n 7	21 35	0 34	10 4	1 38	21 17	0 10	8 4	2 16	21 55	0 4
T 5	15 49	12 43	2 44	13 53	0 27	21 51	0 36	9 52	1 39	21 17	0 10	8 6	2 16	21 55	0 4
W 6	16 7	8 59	3 33	13 12	0 47	22 6	0 39	9 40	1 40	21 17	0 10	8 9	2 16	21 55	0 4
T 7	16 25	4 55	4 12	12 35	1 5	22 21	0 41	9 28	1 40	21 17	0 10	8 11	2 16	21 54	0 4
F 8	16 42	0 40	4 41	12 3	1 21	22 35	0 44	9 16	1 41	21 17	0 10	8 14	2 17	21 54	0 4
S 9	17 0	3s39	4 57	11 36	1 35	22 49	0 46	9 4	1 42	21 17	0 10	8 16	2 17	21 54	0 4
S 10	17 16	7 52	5 0	11 15	1 48	23 2	0 49	8 52	1 42	21 17	0 11	8 18	2 17	21 53	0 4
M11	17 33	11 50	4 50	10 59	1 59	23 14	0 51	8 40	1 43	21 17	0 11	8 21	2 17	21 53	0 4
T 12	17 49	15 21	4 26	10 49	2 7	23 26	0 54	8 28	1 44	21 17	0 11	8 23	2 17	21 53	0 3
W13	18 5	18 14	3 49	10 44	2 14	23 36	0 56	8 16	1 44	21 18	0 11	8 26	2 17	21 52	0 3
T 14	18 21	20 17	3 0	10 45	2 19	23 47	0 59	8 4	1 45	21 18	0 11	8 28	2 17	21 52	0 3
F 15	18 37	21 19	2 1	10 50	2 23	23 56	1 1	7 52	1 46	21 18	0 11	8 30	2 17	21 52	0 3
S 16	18 52	21 13	0 55	11 0	2 25	24 5	1 3	7 40	1 46	21 18	0 12	8 33	2 17	21 51	0 3
S 17	19 6	19 57	0s15	11 13	2 26	24 13	1 5	7 28	1 47	21 19	0 12	8 35	2 17	21 51	0 3
M18	19 21	17 31	1 26	11 29	2 25	24 20	1 8	7 16	1 48	21 19	0 12	8 37	2 17	21 50	0 3
T 19	19 35	14 4	2 34	11 49	2 24	24 27	1 10	7 4	1 48	21 20	0 12	8 40	2 18	21 50	0 3
W20	19 48	9 45	3 33	12 10	2 21	24 32	1 12	6 52	1 49	21 20	0 12	8 42	2 18	21 50	0 3
T 21	20 2	4 49	4 21	12 34	2 18	24 37	1 14	6 40	1 50	21 21	0 12	8 44	2 18	21 49	0 3
F 22	20 15	0n27	4 52	12 59	2 14	24 42	1 16	6 28	1 50	21 21	0 13	8 46	2 18	21 49	0 3
S 23	20 27	5 45	5 5	13 26	2 10	24 45	1 18	6 17	1 51	21 22	0 13	8 49	2 18	21 49	0 3
S 24	20 39	10 44	4 57	13 54	2 5	24 48	1 20	6 5	1 52	21 22	0 13	8 51	2 18	21 48	0 3
M25	20 51	15 3	4 30	14 22	1 59	24 50	1 22	5 53	1 52	21 23	0 13	8 53	2 18	21 48	0 3
T 26	21 3	18 25	3 45	14 51	1 53	24 52	1 24	5 41	1 53	21 24	0 13	8 55	2 18	21 48	0 3
W27	21 14	20 35	2 48	15 20	1 47	24 52	1 26	5 30	1 54	21 24	0 13	8 57	2 18	21 47	0 3
T 28	21 24	21 28	1 43	15 49	1 41	24 52	1 28	5 18	1 55	21 25	0 14	8 59	2 19	21 47	0 3
F 29	21 34	21 6	0 33	16 19	1 34	24 51	1 30	5 7	1 55	21 26	0 14	9 1	2 19	21 46	0 3
S 30	21s44	19n37	0n36	16s48	1n27	24s49	1s31	4n55	1n56	21n27	0n14	9s 3	2n19	21n46	0s 3

Julian Day Number = 2370035.5, Delta T = 16.42 sec
 Ecliptic obliquity = 23°28'01", Nutation = - 0°00'16"
 Ayanamsha: Fagan/Bradley = 21°37'29", Lahiri = 20°44'29"Greg. Calendar

SWISS EPHEMERIS for the year 1776

DECEMBER 1776

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
S 1	4 41 37	9♂27'25	17♁32	23♁ 8	7♁49	22♁36	24°R36	29♁21	8°R56	26♁53	26♁39	28♁22	29♁42	6♁ 7	15°R56	
M 2	4 45 34	10°28'20	29°44	24°36	9° 3	23° 7	24♁33	29°28	8♁54	26°54	26°41	28°23	29°39	6°13	15°Y55	
T 3	4 49 30	11°29'15	11♁44	26° 5	10°18	23°37	24°28	29°34	8°51	26°55	26°42	28°R23	29°35	6°20	15°53	
W 4	4 53 27	12°30'12	23°37	27°34	11°32	24° 7	24°24	29°40	8°49	26°56	26°44	28°R23	29°32	6°27	15°52	
T 5	4 57 23	13°31'10	5♁28	29° 4	12°46	24°37	24°20	29°46	8°46	26°57	26°45	28°20	29°29	6°33	15°51	
F 6	5 1 20	14°32'09	17°21	0♁35	14° 0	25° 7	24°15	29°51	8°43	26°58	26°47	28°15	29°26	6°40	15°50	
S 7	5 5 16	15°33'10	29°21	2° 5	15°15	25°37	24°10	29°57	8°41	26°58	26°48	28° 9	29°23	6°47	15°49	
S 8	5 9 13	16°34'11	11♁30	3°36	16°29	26° 7	24° 5	0♁ 3	8°38	26°59	26°50	28° 1	29°20	6°54	15°48	
M 9	5 13 9	17°35'14	23°52	5° 8	17°43	26°36	24° 0	0° 9	8°36	27° 0	26°51	27°53	29°16	7° 0	15°47	
T 10	5 17 6	18°36'17	6♁27	6°39	18°57	27° 5	23°55	0°14	8°33	27° 0	26°53	27°46	29°13	7° 7	15°46	
W 11	5 21 3	19°37'22	19°16	8°11	20°11	27°34	23°49	0°20	8°31	27° 1	26°54	27°39	29°10	7°14	15°45	
T 12	5 24 59	20°38'27	2♁18	9°43	21°25	28° 3	23°44	0°26	8°28	27° 2	26°56	27°35	29° 7	7°20	15°44	
F 13	5 28 56	21°39'32	15°34	11°16	22°39	28°32	23°38	0°31	8°26	27° 2	26°58	27°32	29° 4	7°27	15°43	
S 14	5 32 52	22°40'39	29° 0	12°48	23°53	29° 0	23°32	0°36	8°24	27° 3	26°59	27°D32	29° 1	7°34	15°42	
S 15	5 36 49	23°41'45	12♁37	14°21	25° 7	29°29	23°26	0°42	8°21	27° 3	27° 1	27°33	28°57	7°41	15°42	
M 16	5 40 45	24°42'52	26°24	15°53	26°21	29°57	23°20	0°47	8°19	27° 4	27° 3	27°34	28°54	7°47	15°41	
T 17	5 44 42	25°43'59	10♁20	17°26	27°35	0♁25	23°13	0°52	8°16	27° 4	27° 4	27°36	28°51	7°54	15°41	
W 18	5 48 38	26°45'07	24°23	18°59	28°49	0°52	23° 7	0°57	8°14	27° 4	27° 6	27°R36	28°48	8° 1	15°40	
T 19	5 52 35	27°46'14	8♁34	20°33	0♁ 3	1°20	23° 0	1° 2	8°12	27° 5	27° 8	27°36	28°45	8° 7	15°40	
F 20	5 56 32	28°47'22	22°49	22° 6	1°17	1°47	22°53	1° 7	8° 9	27° 5	27°10	27°34	28°41	8°14	15°39	
S 21	6 0 28	29°48'29	7♁ 7	23°40	2°31	2°14	22°46	1°12	8° 7	27° 5	27°11	27°31	28°38	8°21	15°39	
S 22	6 4 25	0♁49'37	21°23	25°14	3°45	2°41	22°40	1°17	8° 5	27° 6	27°13	27°27	28°35	8°28	15°39	
M 23	6 8 21	1°50'45	5♁34	26°48	4°59	3° 8	22°32	1°22	8° 2	27° 6	27°15	27°23	28°32	8°34	15°38	
T 24	6 12 18	2°51'53	19°33	28°22	6°12	3°34	22°25	1°27	8° 0	27° 6	27°17	27°19	28°29	8°41	15°38	
W 25	6 16 14	3°53'02	3♁19	29°57	7°26	4° 0	22°18	1°31	7°58	27° 6	27°18	27°17	28°26	8°48	15°38	
T 26	6 20 11	4°54'10	16°46	1♁32	8°40	4°26	22°11	1°36	7°56	27° 6	27°20	27°15	28°22	8°54	15°D38	
F 27	6 24 7	5°55'19	29°54	3° 7	9°53	4°52	22° 3	1°40	7°54	27° 6	27°22	27°D15	28°19	9° 1	15°38	
S 28	6 28 4	6°56'28	12♁43	4°43	11° 7	5°17	21°56	1°45	7°51	27° 6	27°24	27°16	28°16	9° 8	15°38	
S 29	6 32 1	7°57'37	25°13	6°19	12°20	5°42	21°48	1°49	7°49	27°R 6	27°26	27°17	28°13	9°15	15°38	
M 30	6 35 57	8°58'46	7♁28	7°55	13°34	6° 7	21°40	1°53	7°47	27° 6	27°28	27°19	28°10	9°21	15°39	
T 31	6 39 54	9♁59'56	19♁30	9♁32	14♁47	6♁32	21♁33	1♁57	7♁45	27♁ 6	27♁29	27♁20	28♁ 7	9♁28	15♁39	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21s54	17n13	1n42	17s17	1n20	24s47	1s33	4n44	1n57	21n27	0n14	9s 5	2n19	21n46	0s 3	2n24
M 2	22 3 14	5 2 41	17 46	1 13	24 44	1 34	4 32	1 58	21 28	0 14	9 7	2 19	21 45	0 3	2 24	1 16
T 3	22 11 10	26 3 32	18 14	1 6	24 40	1 36	4 21	1 58	21 29	0 14	9 9	2 19	21 45	0 3	2 24	1 16
W 4	22 19 6	25 4 14	18 14	0 59	24 35	1 37	4 9	1 59	21 30	0 15	9 11	2 19	21 44	0 3	2 23	1 16
T 5	22 27 2 11	4 45 19	8 0	51 24	30 1 39	3 58	2 0	21 31	0 15	9 13	2 20	21 44	0 3	2 23	1 17	23 57
F 6	22 34 2s 9	5 3 19	35 0	44 24	23 1 40	3 47	2 0	21 32	0 15	9 15	2 20	21 44	0 3	2 23	1 17	23 56
S 7	22 41 6 26	5 9 20	0 0	37 24	16 1 41	3 36	2 1	21 33	0 15	9 17	2 20	21 43	0 3	2 23	1 17	23 56
S 8	22 47 10 32	5 0 20	25 0	29 24	9 1 43	3 25	2 2	21 34	0 15	9 19	2 20	21 43	0 3	2 22	1 17	23 56
M 9	22 53 14 16	4 38 20	49 0	22 24	0 1 44	3 14	2 3	21 35	0 15	9 21	2 20	21 43	0 3	2 22	1 17	23 56
T 10	22 59 17 26	4 2 21	12 0	15 23	51 1 45	3 3	2 3	21 36	0 16	9 23	2 20	21 42	0 3	2 22	1 17	23 55
W 11	23 4 19 50	3 13 21	34 0	8 23	41 1 46	2 52	2 4	21 37	0 16	9 24	2 21	21 42	0 3	2 22	1 17	23 55
T 12	23 8 21 14	2 13 21	55 0	1 23	31 1 47	2 41	2 5	21 38	0 16	9 26	2 21	21 41	0 3	2 22	1 17	23 55
F 13	23 12 21 29	1 5 22	16 0s	6 23	20 1 48	2 31	2 6	21 40	0 16	9 28	2 21	21 41	0 3	2 21	1 17	23 54
S 14	23 16 20 31	0s 8	22 35	0 13	23 8 1 48	2 20	2 7	21 41	0 16	9 30	2 21	21 41	0 3	2 21	1 17	23 54
S 15	23 19 18 21	1 22 22	53 0	20 22	55 1 49	2 9	2 7	21 42	0 16	9 31	2 21	21 40	0 3	2 21	1 17	23 54
M 16	23 22 15 6	2 31 23	10 0	27 22	42 1 50	1 59	2 8	21 43	0 17	9 33	2 21	21 40	0 3	2 21	1 17	23 54
T 17	23 24 10 59	3 33 23	25 0	33 22	28 1 50	1 48	2 9	21 44	0 17	9 35	2 22	21 40	0 3	2 21	1 17	23 53
W 18	23 26 6 15	4 22 23	40 0	40 22	13 1 51	1 38	2 10	21 46	0 17	9 36	2 22	21 39	0 3	2 21	1 17	23 53
T 19	23 27 1 8	4 56 23	54 0	46 21	58 1 51	1 28	2 10	21 47	0 17	9 38	2 22	21 39	0 3	2 21	1 17	23 53
F 20	23 28 4n 3	5 12 24	6 0	52 21	42 1 51	1 18	2 11	21 48	0 17	9 39	2 22	21 38	0 3	2 21	1 17	23 52
S 21	23 28 9 2	5 9 24	17 0	58 21	26 1 51	1 8	2 12	21 50	0 17	9 41	2 22	21 38	0 3	2 20	1 17	23 52
S 22	23 28 13 31	4 46 24	26 1	4 21	9 1 52	0 58	2 13	21 51	0 17	9 42	2 23	21 38	0 3	2 20	1 17	23 52
M 23	23 27 17 13	4 7 24	35 1	9 20	51 1 52	0 48	2 14	21 52	0 18	9 44	2 23	21 37	0 3	2 20	1 17	23 51
T 24	23 26 19 51	3 12 24	42 1	15 20	33 1 52	0 38	2 15	21 54	0 18	9 45	2 23	21 37	0 3	2 20	1 17	23 51
W 25	23 25 21 18	2 8 24	48 1	20 20	14 1 51	0 29	2 15	21 55	0 18	9 47	2 23	21 37	0 3	2 20	1 18	23 51
T 26	23 23 21 28	0 57 24	52 1	25 19	54 1 51	0 19	2 16	21 56	0 18	9 48	2 23	21 36	0 3	2 20	1 18	23 50
F 27	23 20 20 26	0n15 24	55 1	30 19	34 1 51	0 10	2 17	21 58	0 18	9 49	2 24	21 36	0 3	2 20	1 18	23 50
S 28	23 17 18 22	1 24 24	57 1	34 19	14 1 51	0 0	2 18	21 59	0 18	9 51	2 24	21 36	0 3	2 20	1 18	23 50
S 29	23 14 15 27	2 28 24	57 1	38 18	53 1 50	0s 9	2 19	22 0	0 19	9 52	2 24	21 35	0 3	2 20	1 18	23 50
M 30	23 10 11 56	3 24 24	56 1	42 18	31 1 50	0 18	2 20	22 2	0 19	9 53	2 24	21 35	0 3	2 20	1 18	23 49
T 31	23s 5	7n59	4n10	24s53	1s46	18s 9	1s49	0s27	2n20	22n 3	0n19	9s54	2n24	21n35	0s 3	2n21

Julian Day Number = 2370065.5, Delta T = 16.42 sec
 Ecliptic obliquity = 23°28'01", Nutation = - 0°00'16"
 Ayanamsha: Fagan/Bradley = 21°37'33", Lahiri = 20°44'33"Greg. Calendar