

SWISS EPHEMERIS for the year 2070

JANUARY 2070

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♃	♁	♁	♁	♁	♁
W 1	6 44 1	10°53'27	2°45	23°R22	29°R52	1°R12	17°31	18°52	20°37	9°R33	1°Y22	2°R 0	1°M 9	21°M35	0°Y45
T 2	6 47 57	11°54'35	15°45	23°D14	29°R23	1°II 9	17°40	18°55	20°41	9°31	1°22	1°M55	1° 6	21°42	0°46
F 3	6 51 54	12°55'43	28°21	23°R16	28°55	1° 8	17°50	18°57	20°44	9°29	1°23	1°51	1° 3	21°48	0°47
S 4	6 55 50	13°56'52	10°56	23°26	28°28	1°D 7	18° 0	19° 0	20°48	9°28	1°23	1°D50	1° 0	21°55	0°48
S 5	6 59 47	14°58'01	22°37	23°44	28° 4	1° 7	18°10	19° 2	20°51	9°26	1°24	1°51	0°56	22° 2	0°50
M 6	7 3 43	15°59'10	4°M27	24° 9	27°43	1° 8	18°20	19° 5	20°54	9°24	1°24	1°R51	0°53	22° 8	0°51
T 7	7 7 40	17° 0'19	16°14	24°41	27°23	1°10	18°31	19° 7	20°58	9°23	1°25	1°50	0°50	22°15	0°53
W 8	7 11 37	18° 1'29	28° 1	25°19	27° 6	1°12	18°41	19° 9	21° 1	9°21	1°25	1°47	0°47	22°22	0°54
T 9	7 15 33	19° 2'39	9°R54	26° 3	26°51	1°16	18°51	19°11	21° 5	9°19	1°26	1°41	0°44	22°28	0°56
F 10	7 19 30	20° 3'48	21°57	26°51	26°39	1°20	19° 2	19°13	21° 8	9°18	1°27	1°32	0°41	22°35	0°57
S 11	7 23 26	21° 4'58	4°R10	27°43	26°29	1°24	19°13	19°15	21°11	9°16	1°27	1°21	0°37	22°42	0°59
S 12	7 27 23	22° 6'07	16°37	28°39	26°22	1°29	19°24	19°17	21°15	9°14	1°28	1° 7	0°34	22°48	1° 0
M13	7 31 19	23° 7'17	29°17	29°38	26°17	1°35	19°35	19°18	21°18	9°13	1°28	0°53	0°31	22°55	1° 2
T 14	7 35 16	24° 8'25	12°M10	0°R41	26°D15	1°42	19°46	19°20	21°21	9°11	1°29	0°39	0°28	23° 2	1° 4
W15	7 39 12	25° 9'34	25°14	1°46	26°15	1°50	19°57	19°21	21°24	9° 9	1°30	0°27	0°25	23° 8	1° 6
T 16	7 43 9	26°10'41	8°R30	2°54	26°18	1°58	20° 8	19°22	21°27	9° 8	1°31	0°18	0°22	23°15	1° 8
F 17	7 47 6	27°11'49	21°56	4° 4	26°23	2° 6	20°20	19°24	21°31	9° 6	1°31	0°11	0°18	23°22	1° 9
S 18	7 51 2	28°12'55	5°Y32	5°15	26°30	2°16	20°31	19°25	21°34	9° 4	1°32	0° 8	0°15	23°28	1°11
S 19	7 54 59	29°14'00	19°17	6°29	26°39	2°26	20°43	19°26	21°37	9° 3	1°33	0° 7	0°12	23°35	1°13
M20	7 58 55	0°M15'05	3°R13	7°44	26°51	2°36	20°54	19°27	21°40	9° 1	1°34	0° 7	0° 9	23°42	1°15
T 21	8 2 52	1°16'09	17°20	9° 1	27° 5	2°48	21° 6	19°27	21°43	9° 0	1°35	0° 6	0° 6	23°48	1°17
W22	8 6 48	2°17'12	1°II36	10°20	27°21	2°59	21°18	19°28	21°46	8°58	1°35	0° 4	0° 2	23°55	1°20
T 23	8 10 45	3°18'14	16° 0	11°39	27°39	3°12	21°30	19°29	21°49	8°57	1°36	29°59	29°59	24° 2	1°22
F 24	8 14 41	4°19'15	0°R29	13° 0	27°59	3°25	21°42	19°29	21°52	8°55	1°37	29°52	29°56	24° 8	1°24
S 25	8 18 38	5°20'15	14°56	14°22	28°20	3°38	21°54	19°29	21°55	8°54	1°38	29°41	29°53	24°15	1°26
S 26	8 22 35	6°21'15	29°15	15°44	28°44	3°52	22° 6	19°30	21°58	8°52	1°39	29°29	29°50	24°22	1°29
M27	8 26 31	7°22'13	13°R20	17° 8	29°10	4° 7	22°19	19°30	22° 1	8°51	1°40	29°17	29°47	24°28	1°31
T 28	8 30 28	8°23'11	27° 6	18°33	29°37	4°22	22°31	19°R30	22° 3	8°49	1°41	29° 5	29°43	24°35	1°33
W29	8 34 24	9°24'08	10°M30	19°59	0°R 6	4°37	22°43	19°30	22° 6	8°48	1°42	28°55	29°40	24°41	1°36
T 30	8 38 21	10°25'04	23°30	21°25	0°36	4°53	22°56	19°30	22° 9	8°46	1°43	28°48	29°37	24°48	1°38
F 31	8 42 17	11°25'59	6°R 7	22°R53	1°R 8	5°II 9	23°R 9	19°R29	22°R12	8°R45	1°Y44	28°R43	29°R34	24°M55	1°Y41

Day	☉	☽	♀	♁	♂	♃	♅	♁	♃	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22s59	6m25	4s21	20s11	3n 5	19s15	4n11	22n49	2n28	6s 2	1s12	5s 9	2n25	23s10	0s 4
T 2	22 54	2 14	3 40	20 15	3 1	19 4	4 22	22 49	2 29	5 58	1 11	5 10	2 25	23 10	0 4
F 3	22 48	1s55	2 48	20 20	2 56	18 53	4 32	22 49	2 29	5 54	1 11	5 10	2 25	23 10	0 4
S 4	22 42	5 53	1 51	20 26	2 50	18 43	4 42	22 49	2 30	5 50	1 11	5 11	2 26	23 11	0 4
S 5	22 35	9 33	0 49	20 34	2 43	18 33	4 52	22 49	2 30	5 46	1 11	5 12	2 26	23 11	0 4
M 6	22 28	12 47	0m14	20 43	2 35	18 24	5 0	22 50	2 30	5 42	1 11	5 13	2 26	23 11	0 4
T 7	22 21	15 29	1 16	20 52	2 27	18 16	5 8	22 50	2 30	5 37	1 11	5 13	2 27	23 11	0 4
W 8	22 13	17 32	2 14	21 2	2 19	18 9	5 15	22 51	2 31	5 33	1 10	5 14	2 27	23 12	0 4
T 9	22 5	18 50	3 7	21 12	2 10	18 2	5 22	22 52	2 31	5 29	1 10	5 14	2 27	23 12	0 4
F 10	21 56	19 19	3 52	21 22	2 1	17 56	5 28	22 53	2 31	5 25	1 10	5 15	2 27	23 12	0 4
S 11	21 47	18 54	4 28	21 33	1 52	17 50	5 33	22 54	2 31	5 20	1 10	5 15	2 28	23 12	0 4
S 12	21 37	17 35	4 51	21 43	1 43	17 45	5 37	22 55	2 31	5 16	1 10	5 16	2 28	23 12	0 4
M13	21 27	15 24	5 0	21 52	1 33	17 41	5 41	22 56	2 31	5 11	1 10	5 16	2 28	23 13	0 4
T 14	21 16	12 26	4 54	22 2	1 24	17 38	5 45	22 57	2 31	5 7	1 9	5 16	2 29	23 13	0 4
W15	21 6	8 49	4 33	22 10	1 15	17 35	5 48	22 59	2 31	5 2	1 9	5 16	2 29	23 13	0 4
T 16	20 54	4 43	3 57	22 19	1 5	17 33	5 50	23 0	2 31	4 58	1 9	5 17	2 29	23 13	0 4
F 17	20 43	0 20	3 7	22 26	0 56	17 31	5 52	23 2	2 31	4 53	1 9	5 17	2 29	23 14	0 4
S 18	20 31	4n 7	2 6	22 33	0 47	17 30	5 53	23 4	2 31	4 49	1 9	5 17	2 30	23 14	0 4
S 19	20 18	8 25	0 57	22 38	0 38	17 29	5 54	23 6	2 30	4 44	1 9	5 17	2 30	23 14	0 4
M20	20 5	12 19	0s16	22 43	0 29	17 29	5 55	23 8	2 30	4 39	1 9	5 17	2 30	23 14	0 4
T 21	19 52	15 34	1 30	22 47	0 20	17 29	5 55	23 10	2 30	4 35	1 8	5 17	2 31	23 14	0 4
W22	19 38	17 53	2 38	22 50	0 12	17 30	5 54	23 12	2 30	4 30	1 8	5 17	2 31	23 15	0 4
T 23	19 25	19 6	3 37	22 52	0 3	17 31	5 54	23 14	2 30	4 25	1 8	5 17	2 31	23 15	0 4
F 24	19 10	19 3	4 22	22 52	0s 5	17 32	5 53	23 16	2 29	4 20	1 8	5 17	2 31	23 15	0 4
S 25	18 56	17 47	4 51	22 52	0 13	17 34	5 51	23 18	2 29	4 15	1 8	5 17	2 32	23 15	0 4
S 26	18 41	15 24	5 0	22 50	0 20	17 36	5 49	23 21	2 29	4 10	1 8	5 17	2 32	23 15	0 4
M27	18 25	12 9	4 52	22 48	0 28	17 38	5 47	23 23	2 28	4 5	1 8	5 17	2 32	23 16	0 4
T 28	18 10	8 18	4 26	22 44	0 35	17 41	5 45	23 26	2 28	4 0	1 8	5 16	2 32	23 16	0 4
W29	17 54	4 8	3 46	22 39	0 42	17 43	5 43	23 28	2 28	3 55	1 8	5 16	2 33	23 16	0 4
T 30	17 37	0s 6	2 55	22 32	0 49	17 46	5 40	23 31	2 28	3 50	1 7	5 16	2 33	23 16	0 4
F 31	17s21	4s13	1s57	22s25	0s56	17s49	5n37	23n34	2n27	3s45	1s 7	5s15	2n33	23s16	0s 4

Julian Day Number = 2477112.5, Delta T = 157.45 sec
 Ecliptic obliquity = 23°25'40, Nutation = 0°00'10
 Ayanamsha: Fagan/Bradley = 25°43'06, Lahiri = 24°50'06

SWISS EPHEMERIS for the year 2070

FEBRUARY 2070

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
S 1	8 46 14	12 ²⁶ 53	18 ²⁵	24 ²¹	1 ⁴¹	5 ²⁶	23 ²¹	19 ²⁹	22 ¹⁴	8 ⁴⁴	1 ⁴⁵	28 ⁴¹	29 ³¹	25 ¹	1 ⁴³
S 2	8 50 10	13 ²⁷ 47	0 ²⁸	25 ⁵⁰	2 ¹⁶	5 ⁴⁴	23 ³⁴	19 ²⁸	22 ¹⁷	8 ⁴²	1 ⁴⁶	28 ⁴¹	29 ²⁷	25 ⁸	1 ⁴⁶
M 3	8 54 7	14 ²⁸ 40	12 ²⁰	27 ²⁰	2 ⁵³	6 ¹	23 ⁴⁷	19 ²⁸	22 ²⁰	8 ⁴¹	1 ⁴⁷	28 ⁴¹	29 ²⁴	25 ¹⁵	1 ⁴⁸
T 4	8 58 4	15 ²⁹ 33	24 ⁹	28 ⁵¹	3 ³⁰	6 ²⁰	24 ⁰	19 ²⁷	22 ²²	8 ⁴⁰	1 ⁴⁸	28 ⁴¹	29 ²¹	25 ²¹	1 ⁵¹
W 5	9 2 0	16 ³⁰ 24	5 ⁵⁸	0 ²²	4 ⁹	6 ³⁸	24 ¹³	19 ²⁶	22 ²⁵	8 ³⁹	1 ⁴⁹	28 ³⁹	29 ¹⁸	25 ²⁸	1 ⁵⁴
T 6	9 5 57	17 ³¹ 15	17 ⁵³	1 ⁵⁴	4 ⁴⁹	6 ⁵⁷	24 ²⁶	19 ²⁵	22 ²⁷	8 ³⁷	1 ⁵⁰	28 ³⁴	29 ¹⁵	25 ³⁵	1 ⁵⁶
F 7	9 9 53	18 ³² 04	29 ⁵⁹	3 ²⁷	5 ³⁰	7 ¹⁷	24 ³⁹	19 ²⁴	22 ³⁰	8 ³⁶	1 ⁵²	28 ²⁸	29 ¹²	25 ⁴¹	1 ⁵⁹
S 8	9 13 50	19 ³² 53	12 ²¹	5 ¹	6 ¹²	7 ³⁶	24 ⁵²	19 ²³	22 ³²	8 ³⁵	1 ⁵³	28 ¹⁸	29 ⁸	25 ⁴⁸	2 ²
S 9	9 17 46	20 ³³ 41	24 ⁵⁹	6 ³⁵	6 ⁵⁶	7 ⁵⁷	25 ⁵	19 ²²	22 ³⁴	8 ³⁴	1 ⁵⁴	28 ⁷	29 ⁵	25 ⁵⁵	2 ⁵
M10	9 21 43	21 ³⁴ 27	7 ⁵⁴	8 ¹¹	7 ⁴⁰	8 ¹⁷	25 ¹⁸	19 ²¹	22 ³⁷	8 ³²	1 ⁵⁵	27 ⁵⁵	29 ²	26 ¹	2 ⁸
T 11	9 25 39	22 ³⁵ 13	21 ⁷	9 ⁴⁷	8 ²⁵	8 ³⁸	25 ³²	19 ¹⁹	22 ³⁹	8 ³¹	1 ⁵⁶	27 ⁴³	28 ⁵⁹	26 ⁸	2 ¹⁰
W12	9 29 36	23 ³⁵ 56	4 ³⁵	11 ²⁴	9 ¹²	9 ⁰	25 ⁴⁵	19 ¹⁸	22 ⁴¹	8 ³⁰	1 ⁵⁸	27 ³²	28 ⁵⁶	26 ¹⁵	2 ¹³
T 13	9 33 33	24 ³⁶ 39	18 ¹⁶	13 ¹	9 ⁵⁹	9 ²¹	25 ⁵⁹	19 ¹⁶	22 ⁴³	8 ²⁹	1 ⁵⁹	27 ²⁴	28 ⁵³	26 ²¹	2 ¹⁶
F 14	9 37 29	25 ³⁷ 20	2 ⁷	14 ⁴⁰	10 ⁴⁷	9 ⁴³	26 ¹²	19 ¹⁴	22 ⁴⁵	8 ²⁸	2 ⁰	27 ¹⁹	28 ⁴⁹	26 ²⁸	2 ¹⁹
S 15	9 41 26	26 ³⁷ 59	16 ⁴	16 ¹⁹	11 ³⁶	10 ⁵	26 ²⁶	19 ¹²	22 ⁴⁸	8 ²⁷	2 ¹	27 ¹⁶	28 ⁴⁶	26 ³⁵	2 ²²
S 16	9 45 22	27 ³⁸ 37	0 ⁸	17 ⁵⁹	12 ²⁵	10 ²⁸	26 ³⁹	19 ¹⁰	22 ⁵⁰	8 ²⁶	2 ³	27 ¹⁶	28 ⁴³	26 ⁴¹	2 ²⁵
M17	9 49 19	28 ³⁹ 13	14 ¹⁰	19 ⁴¹	13 ¹⁶	10 ⁵¹	26 ⁵³	19 ⁸	22 ⁵²	8 ²⁵	2 ⁴	27 ¹⁶	28 ⁴⁰	26 ⁴⁸	2 ²⁸
T 18	9 53 15	29 ³⁹ 48	28 ¹⁶	21 ²³	14 ⁷	11 ¹⁴	27 ⁷	19 ⁶	22 ⁵⁴	8 ²⁴	2 ⁵	27 ¹⁷	28 ³⁷	26 ⁵⁵	2 ³¹
W19	9 57 12	0 ⁴⁰ 20	12 ²³	23 ⁵	14 ⁵⁹	11 ³⁸	27 ²¹	19 ⁴	22 ⁵⁶	8 ²³	2 ⁶	27 ¹⁶	28 ³³	27 ¹	2 ³⁵
T 20	10 1 8	1 ⁴⁰ 51	26 ²⁹	24 ⁴⁹	15 ⁵¹	12 ²	27 ³⁴	19 ²	22 ⁵⁷	8 ²²	2 ⁸	27 ¹⁴	28 ³⁰	27 ⁸	2 ³⁸
F 21	10 5 5	2 ⁴¹ 20	10 ³³	26 ³⁴	16 ⁴⁴	12 ²⁶	27 ⁴⁸	18 ⁵⁹	22 ⁵⁹	8 ²¹	2 ⁹	27 ⁹	28 ²⁷	27 ¹⁵	2 ⁴¹
S 22	10 9 2	3 ⁴¹ 47	24 ³²	28 ¹⁹	17 ³⁸	12 ⁵⁰	28 ²	18 ⁵⁷	23 ¹	8 ²¹	2 ¹⁰	27 ¹	28 ²⁴	27 ²¹	2 ⁴⁴
S 23	10 12 58	4 ⁴² 12	8 ²³	0 ⁸	18 ³²	13 ¹⁵	28 ¹⁶	18 ⁵⁴	23 ³	8 ²⁰	2 ¹²	26 ⁵³	28 ²¹	27 ²⁸	2 ⁴⁷
M24	10 16 55	5 ⁴² 36	22 ²	1 ⁵⁴	19 ²⁷	13 ⁴⁰	28 ³⁰	18 ⁵¹	23 ⁴	8 ¹⁹	2 ¹³	26 ⁴⁴	28 ¹⁸	27 ³⁵	2 ⁵⁰
T 25	10 20 51	6 ⁴² 57	5 ²⁶	3 ⁴²	20 ²³	14 ⁵	28 ⁴⁴	18 ⁴⁹	23 ⁶	8 ¹⁸	2 ¹⁵	26 ³⁵	28 ¹⁴	27 ⁴¹	2 ⁵⁴
W26	10 24 48	7 ⁴³ 17	18 ³³	5 ³¹	21 ¹⁹	14 ³⁰	28 ⁵⁸	18 ⁴⁶	23 ⁸	8 ¹⁸	2 ¹⁶	26 ²⁸	28 ¹¹	27 ⁴⁸	2 ⁵⁷
T 27	10 28 44	8 ⁴³ 36	1 ²³	7 ²²	22 ¹⁶	14 ⁵⁶	29 ¹²	18 ⁴³	23 ⁹	8 ¹⁷	2 ¹⁷	26 ²³	28 ⁸	27 ⁵⁵	3 ⁰
F 28	10 32 41	9 ⁴³ 53	13 ⁵⁴	9 ¹³	23 ¹³	15 ²²	29 ²⁶	18 ⁴⁰	23 ¹¹	8 ¹⁶	2 ¹⁹	26 ²⁰	28 ⁵	28 ¹	3 ⁴

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	17s 4	8s 3	0s54	22s16	1s 2	17s52	5n33	23n36	2n27	3s40	1s 7	5s15	2n34	23s16	0s 4	22n10	0s59	14s 2	16s 5	11s 0	11s18	16s51	3n25	2n58
S 2	16 46	11 29	0n 9	22 5	1 9	17 55	5 30	23 39	2 26	3 35	1 7	5 15	2 34	23 17	0 4	22 10	0 59	14 1	16 4	11 0	11 17	16 52	3 26	2 58
M 3	16 29	14 23	1 12	21 54	1 14	17 58	5 26	23 42	2 26	3 30	1 7	5 14	2 34	23 17	0 4	22 10	0 59	14 0	16 4	11 0	11 15	16 53	3 26	2 58
T 4	16 11	16 41	2 11	21 41	1 20	18 1	5 22	23 45	2 26	3 24	1 7	5 14	2 34	23 17	0 4	22 10	0 59	14 0	16 4	11 0	11 14	16 54	3 27	2 58
W 5	15 53	18 16	3 5	21 27	1 25	18 3	5 18	23 48	2 25	3 19	1 7	5 13	2 35	23 17	0 4	22 10	0 59	13 59	16 4	10 59	11 13	16 55	3 28	2 58
T 6	15 35	19 3	3 50	21 12	1 30	18 6	5 14	23 50	2 25	3 14	1 7	5 12	2 35	23 17	0 4	22 10	0 59	13 58	16 3	10 58	11 12	16 55	3 29	2 58
F 7	15 16	18 59	4 27	20 55	1 35	18 9	5 10	23 53	2 25	3 9	1 7	5 12	2 35	23 17	0 4	22 10	0 59	13 58	16 3	10 55	11 11	16 56	3 30	2 57
S 8	14 57	18 1	4 51	20 37	1 40	18 12	5 6	23 56	2 24	3 3	1 7	5 11	2 35	23 18	0 4	22 10	0 59	13 57	16 3	10 52	11 10	16 57	3 31	2 57
S 9	14 38	16 10	5 2	20 17	1 44	18 14	5 1	23 59	2 24	2 58	1 6	5 10	2 36	23 18	0 5	22 11	0 59	13 56	16 3	10 48	11 9	16 58	3 32	2 57
M10	14 18	13 29	4 58	19 57	1 48	18 17	4 56	24 2	2 23	2 53	1 6	5 10	2 36	23 18	0 5	22 11	0 59	13 56	16 2	10 44	11 8	16 59	3 33	2 57
T 11	13 59	10 3	4 38	19 35	1 51	18 19	4 51	24 5	2 23	2 47	1 6	5 9	2 36	23 18	0 5	22 11	0 59	13 55	16 2	10 39	11 6	16 59	3 34	2 57
W12	13 39	6 4	4 2	19 11	1 54	18 21	4 46	24 8	2 22	2 42	1 6	5 8	2 37	23 18	0 5	22 11	0 59	13 54	16 2	10 36	11 5	17 0	3 35	2 57
T 13	13 19	1 41	3 12	18 46	1 57	18 22	4 41	24 11	2 22	2 37	1 6	5 7	2 37	23 18	0 5	22 11	0 59	13 54	16 2	10 33	11 4	17 1	3 36	2 56
F 14	12 58	2n50	2 10	18 20	2 0	18 24	4 36	24 14	2 21	2 31	1 6	5 6	2 37	23 18	0 5	22 11	0 59	13 53	16 2	10 31	11 3	17 2	3 37	2 56
S 15	12 38	7 14	1 0	17 52	2 2	18 25	4 31	24 17	2 21	2 26	1 6	5 5	2 37	23 18	0 5	22 11	0 58	13 52	16 1	10 30	11 2	17 2	3 38	2 56
S 16	12 17	11 16	0s15	17 24	2 4	18 26	4 26	24 19	2 21	2 20	1 6	5 4	2 38	23 19	0 5	22 11	0 58	13 52	16 1	10 30	11 1	17 3	3 39	2 56
M17	11 56	14 40	1 29	16 53	2 5	18 27	4 20	24 22	2 20	2 15	1 6	5 3	2 38	23 19	0 5	22 11	0 58	13 51	16 1	10 30	11 0	17 4	3 40	2 56
T 18	11 35	17 12	2 38	16 21	2 6	18 27	4 15	24 25	2 20	2 9	1 6	5 2	2 38	23 19	0 5	22 11	0 58	13 50	16 1	10 30	10 59	17 5	3 41	2 56
W19	11 14	18 40	3 37	15 48	2 7	18 27	4 10	24 28	2 19	2 4	1 6	5 1	2 38	23 19	0 5	22 12	0 58	13 50	16 1	10 30	10 57	17 5	3 42	2 56
T 20	10 52	18 59	4 24	15 14	2 7	18 27	4 4	24 31	2 19	1 58	1 6	5 0	2 39	23 19	0 5	22 12	0 58	13 49	16 0	10 29	10 56	17 6	3 44	2 55
F 21	10 31	18 8	4 53	14 38	2 6	18 26	3 58	24 33	2 18	1 52	1 6	4 59	2 39	23 19	0 5	22 12	0 58	13 48	16 0	10 27	10 55	17 7	3 45	2 55
S 22	10 9	16 11	5 6	14 1	2 6	18 25	3 53	24 36	2 18	1 47	1 5	4 58	2 39	23 19	0 5	22 12	0 58	13 48	16 0	10 24	10 54	17 8	3 46	2 55
S 23	9 47	13 20	5 0	13 22	2 5	18 24	3 47	24 39	2 17	1 41	1 5	4 57	2 39	23 19	0 5	22 12	0 58	13 47	16 0	10 21	10 53	17 8	3 47	2 55
M24	9 25	9 47	4 37	12 43	2 3	18 22	3 41	24 41	2 17	1 36	1 5	4 55	2 39	23 20	0 5	22 12	0 58	13 46	16 0	10 18	10 52	17 9	3 48	2 55
T 25	9 3	5 48	3 59	12 1	2 1	18 20	3 36	24 44	2 16	1 30														

SWISS EPHEMERIS for the year 2070

MARCH 2070

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	10 36 37	10 ^h 44'08"	26 ^h 10'	11 ^h 5'	24 ^h 30'	15 ^h 48'	29 ^h 41'	18°R37	23 ^h 12'	8°R16	2 ^h 20'	26°D19	28 ^h 2'	28 ^h 8'	3 ^h 7'
S 2	10 40 34	11°44'22"	8 ^h 12'	12°58'	25° 8'	16°14'	29°55'	18 ^h 34'	23°13'	8 ^h 15'	2°22'	26 ^h 19'	27°59'	28°15'	3°10'
M 3	10 44 30	12°44'34"	20° 6'	14°52'	26° 7'	16°41'	0 ^h 9'	18°30'	23°15'	8°15'	2°23'	26°21'	27°55'	28°21'	3°14'
T 4	10 48 27	13°44'44"	1 ^h 55'	16°47'	27° 6'	17° 8'	0°23'	18°27'	23°16'	8°14'	2°24'	26°22'	27°52'	28°28'	3°17'
W 5	10 52 24	14°44'54"	13°46'	18°42'	28° 5'	17°35'	0°37'	18°24'	23°17'	8°14'	2°26'	26°R23	27°49'	28°35'	3°20'
T 6	10 56 20	15°45'01"	25°42'	20°38'	29° 5'	18° 2'	0°52'	18°20'	23°19'	8°13'	2°27'	26°22'	27°46'	28°41'	3°24'
F 7	11 0 17	16°45'07"	7 ^h 39'	22°34'	0 ^h 55'	18°29'	1° 6'	18°17'	23°20'	8°13'	2°29'	26°20'	27°43'	28°48'	3°27'
S 8	11 4 13	17°45'12"	20°12'	24°31'	1° 6'	18°57'	1°20'	18°13'	23°21'	8°12'	2°30'	26°16'	27°39'	28°55'	3°31'
S 9	11 8 10	18°45'15"	2 ^h 54'	26°27'	2° 7'	19°25'	1°35'	18° 9'	23°22'	8°12'	2°32'	26°11'	27°36'	29° 1'	3°34'
M10	11 12 6	19°45'16"	15°58'	28°24'	3° 8'	19°53'	1°49'	18° 5'	23°23'	8°12'	2°33'	26° 5'	27°33'	29° 8'	3°37'
T 11	11 16 3	20°45'15"	29°23'	0 ^h 20'	4°10'	20°21'	2° 4'	18° 2'	23°24'	8°11'	2°35'	25°59'	27°30'	29°15'	3°41'
W12	11 19 59	21°45'13"	13 ^h 9'	2°15'	5°12'	20°49'	2°18'	17°58'	23°25'	8°11'	2°36'	25°53'	27°27'	29°21'	3°44'
T 13	11 23 56	22°45'09"	27°13'	4°10'	6°14'	21°18'	2°32'	17°54'	23°25'	8°11'	2°38'	25°49'	27°24'	29°28'	3°48'
F 14	11 27 53	23°45'02"	11 ^h 13'	6° 3'	7°16'	21°46'	2°47'	17°50'	23°26'	8°11'	2°39'	25°47'	27°20'	29°35'	3°51'
S 15	11 31 49	24°44'54"	25°55'	7°54'	8°19'	22°15'	3° 1'	17°46'	23°27'	8°11'	2°41'	25°D46	27°17'	29°41'	3°55'
S 16	11 35 46	25°44'44"	10 ^h 23'	9°43'	9°22'	22°44'	3°16'	17°42'	23°28'	8°10'	2°42'	25°46'	27°14'	29°48'	3°58'
M17	11 39 42	26°44'31"	24°48'	11°30'	10°26'	23°13'	3°30'	17°37'	23°28'	8°10'	2°44'	25°48'	27°11'	29°55'	4° 2'
T 18	11 43 39	27°44'16"	9 ^h 9'	13°13'	11°29'	23°43'	3°45'	17°33'	23°29'	8°10'	2°45'	25°49'	27° 8'	0 ^h 1'	4° 5'
W19	11 47 35	28°43'59"	23°21'	14°53'	12°33'	24°12'	3°59'	17°29'	23°29'	8°D10	2°47'	25°R50	27° 4'	0° 8'	4° 9'
T 20	11 51 32	29°43'40"	7 ^h 22'	16°29'	13°37'	24°42'	4°14'	17°25'	23°30'	8°10'	2°48'	25°50'	27° 1'	0°15'	4°13'
F 21	11 55 28	0 ^h 43'19"	21°13'	18° 1'	14°41'	25°12'	4°29'	17°20'	23°30'	8°10'	2°50'	25°49'	26°58'	0°21'	4°16'
S 22	11 59 25	1°42'55"	4 ^h 25'	19°27'	15°46'	25°41'	4°43'	17°16'	23°30'	8°10'	2°51'	25°46'	26°55'	0°28'	4°20'
S 23	12 3 22	2°42'28"	18°17'	20°48'	16°51'	26°12'	4°58'	17°12'	23°31'	8°11'	2°53'	25°43'	26°52'	0°35'	4°23'
M24	12 7 18	3°42'00"	1 ^h 30'	22° 3'	17°56'	26°42'	5°12'	17° 7'	23°31'	8°11'	2°54'	25°40'	26°49'	0°41'	4°27'
T 25	12 11 15	4°41'29"	14°29'	23°12'	19° 1'	27°12'	5°27'	17° 3'	23°31'	8°11'	2°56'	25°36'	26°45'	0°48'	4°30'
W26	12 15 11	5°40'56"	27°15'	24°15'	20° 6'	27°42'	5°41'	16°58'	23°31'	8°11'	2°57'	25°34'	26°42'	0°55'	4°34'
T 27	12 19 8	6°40'22"	9 ^h 47'	25°11'	21°12'	28°13'	5°56'	16°54'	23°31'	8°11'	2°59'	25°32'	26°39'	1° 1'	4°37'
F 28	12 23 4	7°39'45"	22° 6'	25°59'	22°18'	28°44'	6°10'	16°49'	23°R31	8°12'	3° 0'	25°D31	26°36'	1° 8'	4°41'
S 29	12 27 1	8°39'06"	4 ^h 14'	26°41'	23°24'	29°14'	6°25'	16°44'	23°31'	8°12'	3° 2'	25°32'	26°33'	1°15'	4°44'
S 30	12 30 57	9°38'25"	16°13'	27°15'	24°30'	29°45'	6°39'	16°40'	23°31'	8°12'	3° 3'	25°32'	26°30'	1°21'	4°48'
M31	12 34 54	10 ^h 37'43"	28 ^h 6'	27 ^h 42'	25 ^h 36'	0 ^h 16'	6 ^h 54'	16 ^h 35'	23 ^h 31'	8 ^h 13'	3 ^h 5'	25 ^h 34'	26 ^h 26'	1 ^h 28'	4 ^h 51'

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁				
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
S 1	7s32	10s 7	0s 1	9s 4	1s47	18s 7	3n12	24n54	2n14	1s 7	1s 5	4s49	2n41	23s20	0s 5	22n12	0s58	13s43	15s59	10s 9	10s46	17s13	3n54	2n54	
S 2	7 9 13 13	1n 4	8 16	1 43 18	2 3	6 24 56	2 14	1 2	1 5	4 47	2 41	23 20	0 5	22 12	0 58	13 42	15 59	10 9	10 45	17 13	3 55	2 54			
M 3	6 46 15 45	2 5	7 27	1 37 17 58	3 1	24 58	2 13	0 56	1 5	4 46	2 41	23 20	0 5	22 13	0 58	13 42	15 59	10 10	10 44	17 14	3 57	2 54			
T 4	6 23 17 35	3 1	6 37	1 32 17 52	2 55	25 0	2 13	0 50	1 5	4 45	2 41	23 20	0 5	22 13	0 58	13 41	15 59	10 10	10 43	17 15	3 58	2 54			
W 5	6 0 18 39	3 49	5 46	1 25 17 47	2 49	25 2	2 12	0 45	1 5	4 43	2 41	23 20	0 5	22 13	0 58	13 40	15 59	10 11	10 42	17 16	3 59	2 54			
T 6	5 37 18 54	4 28	4 54	1 18 17 40	2 43	25 4	2 12	0 39	1 5	4 42	2 42	23 20	0 5	22 13	0 58	13 40	15 59	10 10	10 40	17 16	4 0	2 54			
F 7	5 14 18 17	4 55	4 2	1 10 17 34	2 37	25 6	2 11	0 33	1 5	4 40	2 42	23 20	0 5	22 13	0 58	13 39	15 59	10 10	10 39	17 17	4 2	2 54			
S 8	4 50 16 49	5 9	3 8	1 2 17 27	2 31	25 8	2 11	0 28	1 5	4 39	2 42	23 21	0 5	22 13	0 58	13 38	15 58	10 8	10 38	17 18	4 3	2 53			
S 9	4 27 14 29	5 9	2 14	0 54 17 19	2 25	25 10	2 10	0 22	1 5	4 37	2 42	23 21	0 5	22 13	0 58	13 38	15 58	10 6	10 37	17 18	4 4	2 53			
M10	4 3 11 23	4 53	1 19	0 44 17 11	2 20	25 12	2 10	0 16	1 5	4 35	2 42	23 21	0 5	22 13	0 58	13 37	15 58	10 4	10 36	17 19	4 5	2 53			
T 11	3 40 7 37	4 20	0 24	0 34 17 3	2 14	25 13	2 9	0 10	1 5	4 34	2 42	23 21	0 5	22 13	0 58	13 36	15 58	10 2	10 35	17 20	4 7	2 53			
W12	3 16 3 21	3 32	0n32	0 24 16 54	2 8	25 15	2 9	0 5	1 5	4 32	2 43	23 21	0 5	22 13	0 58	13 36	15 58	10 0	10 34	17 20	4 8	2 53			
T 13	2 53 1n11	2 30	1 27	0 13 16 44	2 2	25 16	2 8	0n 1	1 5	4 31	2 43	23 21	0 5	22 13	0 57	13 35	15 58	9 58	10 32	17 21	4 9	2 53			
F 14	2 29 5 44	1 17	2 23	0 2 16 34	1 56	25 18	2 7	0 7	1 5	4 29	2 43	23 21	0 5	22 13	0 57	13 35	15 58	9 57	10 31	17 22	4 11	2 53			
S 15	2 5 10 0	0s 1	3 17	0n10	16 24	1 51	25 19	2 7	0 13	1 5	4 27	2 43	23 21	0 5	22 13	0 57	13 34	15 58	9 57	10 30	17 22	4 12	2 53		
S 16	1 41 13 40	1 19	4 11	0 22 16 13	1 45	25 20	2 6	0 19	1 5	4 26	2 43	23 21	0 5	22 13	0 57	13 33	15 58	9 57	10 29	17 23	4 13	2 53			
M17	1 18 16 29	2 33	5 5	0 35 16 1	1 39	25 21	2 6	0 24	1 5	4 24	2 43	23 21	0 5	22 13	0 57	13 33	15 58	9 58	10 28	17 24	4 15	2 53			
T 18	0 54 18 15	3 36	5 57	0 47 15 50	1 34	25 22	2 5	0 30	1 5	4 22	2 43	23 21	0 5	22 13	0 57	13 32	15 58	9 58	10 27	17 24	4 16	2 53			
W19	0 30 18 51	4 25	6 47	1 0 15 37	1 28	25 23	2 5	0 36	1 5	4 20	2 44	23 21	0 5	22 13	0 57	13 32	15 58	9 59	10 26	17 25	4 17	2 52			
T 20	0 7 18 16	4 58	7 36	1 13 15 24	1 23	25 24	2 4	0 42	1 5	4 19	2 44	23 21	0 5	22 13	0 57	13 31	15 58	9 59	10 24	17 26	4 19	2 52			
F 21	0n17	16 36	5 13	8 23	1 25	15 11	1 17	0 47	1 5	4 17	2 44	23 21	0 5	22 14	0 57	13 30	15 58	9 58	10 23	17 26	4 20	2 52			
S 22	0 41 14 1	5 10	9 7	1 38 14 58	1 12	25 25	2 3	0 53	1 5	4 15	2 44	23 21	0 5	22 14	0 57	13 30	15 58	9 57	10 22	17 27	4 21	2 52			
S 23	1 5 10 44	4 50	9 49	1 50 14 43	1 6	25 25	2 3	0 59	1 5	4 13	2														

SWISS EPHEMERIS for the year 2070

APRIL 2070

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	12 38 50	11°36'58	9°55'	28°14'	26°43'	0°47'	7°8'	16°R31	23°R31	8°13'	3°6'	25°35'	26°23'	1°35'	4°55'
W 2	12 42 47	12°36'12	21°46'	28°14'	27°49'	1°19'	7°23'	16°26'	23°31'	8°14'	3°8'	25°36'	26°20'	1°41'	4°59'
T 3	12 46 44	13°35'24	3°32'	28°R19	28°56'	1°50'	7°37'	16°21'	23°31'	8°14'	3°9'	25°37'	26°17'	1°48'	5° 2'
F 4	12 50 40	14°34'34	15°48'	28°16'	0°13'	2°21'	7°52'	16°17'	23°30'	8°15'	3°10'	25°R37'	26°14'	1°55'	5° 6'
S 5	12 54 37	15°33'43	28° 9'	28° 7'	1°10'	2°53'	8° 6'	16°12'	23°30'	8°15'	3°12'	25°37'	26°10'	2° 1'	5° 9'
S 6	12 58 33	16°32'49	10°49'	27°52'	2°17'	3°25'	8°21'	16° 7'	23°29'	8°16'	3°13'	25°36'	26° 7'	2° 8'	5°13'
M 7	13 2 30	17°31'54	23°52'	27°30'	3°25'	3°56'	8°35'	16° 3'	23°29'	8°16'	3°15'	25°35'	26° 4'	2°15'	5°16'
T 8	13 6 26	18°30'57	7°19'	27° 3'	4°32'	4°28'	8°50'	15°58'	23°28'	8°17'	3°16'	25°34'	26° 1'	2°21'	5°20'
W 9	13 10 23	19°29'59	21°12'	26°31'	5°40'	5° 0'	9° 4'	15°53'	23°28'	8°18'	3°18'	25°34'	25°58'	2°28'	5°23'
T 10	13 14 19	20°28'58	5°17'	25°55'	6°48'	5°32'	9°19'	15°49'	23°27'	8°18'	3°19'	25°33'	25°55'	2°35'	5°26'
F 11	13 18 16	21°27'55	20° 2'	25°15'	7°56'	6° 4'	9°33'	15°44'	23°26'	8°19'	3°21'	25°D33'	25°51'	2°41'	5°30'
S 12	13 22 13	22°26'51	4°50'	24°32'	9° 4'	6°37'	9°47'	15°40'	23°26'	8°20'	3°22'	25°33'	25°48'	2°48'	5°33'
S 13	13 26 9	23°25'44	19°44'	23°48'	10°12'	7° 9'	10° 2'	15°35'	23°25'	8°21'	3°24'	25°33'	25°45'	2°55'	5°37'
M14	13 30 6	24°24'35	4°13'	23° 3'	11°20'	7°41'	10°16'	15°30'	23°24'	8°22'	3°25'	25°33'	25°42'	3° 1'	5°40'
T 15	13 34 2	25°23'25	19°18'	22°18'	12°28'	8°14'	10°30'	15°26'	23°23'	8°23'	3°26'	25°R33'	25°39'	3° 8'	5°43'
W16	13 37 59	26°22'12	3°36'	21°34'	13°37'	8°46'	10°45'	15°21'	23°22'	8°23'	3°28'	25°33'	25°36'	3°15'	5°47'
T 17	13 41 55	27°20'56	17°56'	20°51'	14°45'	9°19'	10°59'	15°17'	23°21'	8°24'	3°29'	25°33'	25°32'	3°21'	5°50'
F 18	13 45 52	28°19'39	1°46'	20°11'	15°54'	9°52'	11°13'	15°12'	23°20'	8°25'	3°31'	25°D33'	25°29'	3°28'	5°54'
S 19	13 49 48	29°18'19	15°16'	19°33'	17° 3'	10°25'	11°27'	15° 8'	23°19'	8°26'	3°32'	25°33'	25°26'	3°35'	5°57'
S 20	13 53 45	0°16'56	28°27'	18°59'	18°12'	10°57'	11°41'	15° 3'	23°18'	8°27'	3°33'	25°34'	25°23'	3°41'	6° 0'
M21	13 57 42	1°15'32	11°17'	18°29'	19°21'	11°30'	11°56'	14°59'	23°17'	8°29'	3°35'	25°34'	25°20'	3°48'	6° 3'
T 22	14 1 38	2°14'05	24° 0'	18° 4'	20°30'	12° 3'	12°10'	14°55'	23°16'	8°30'	3°36'	25°35'	25°16'	3°55'	6° 7'
W23	14 5 35	3°12'37	6°26'	17°42'	21°39'	12°37'	12°24'	14°50'	23°14'	8°31'	3°37'	25°35'	25°13'	4° 1'	6°10'
T 24	14 9 31	4°11'06	18°41'	17°26'	22°48'	13°10'	12°38'	14°46'	23°13'	8°32'	3°39'	25°36'	25°10'	4° 8'	6°13'
F 25	14 13 28	5° 9'33	0°14'	17°15'	23°57'	13°43'	12°52'	14°42'	23°12'	8°33'	3°40'	25°R36'	25° 7'	4°15'	6°16'
S 26	14 17 24	6° 7'59	12°46'	17° 8'	25° 6'	14°16'	13° 6'	14°38'	23°10'	8°34'	3°41'	25°35'	25° 4'	4°21'	6°20'
S 27	14 21 21	7° 6'23	24°40'	17°D 7'	26°16'	14°50'	13°20'	14°34'	23° 9'	8°35'	3°43'	25°34'	25° 1'	4°28'	6°23'
M28	14 25 17	8° 4'45	6°13'	17°10'	27°25'	15°23'	13°33'	14°29'	23° 8'	8°37'	3°44'	25°33'	24°57'	4°35'	6°26'
T 29	14 29 14	9° 3'05	18°20'	17°19'	28°35'	15°56'	13°47'	14°25'	23° 6'	8°38'	3°45'	25°31'	24°54'	4°41'	6°29'
W30	14 33 11	10° 1'24	0°12'	17°13'	29°14'	16°30'	14°11'	14°21'	23° 5'	8°39'	3°47'	25°29'	24°51'	4°48'	6°32'

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	4n36	18s16	3n42	13n44	3n10	12s17	0n21	25n24	1n58	1n51	1s 5	3s57	2n45	23s21	0s 5	22n14	0s57	13s24	15s58	9s53	10s11	17s33	4n35	2n52
W 2	4 59	18 47	4 24	13 51	3 14	11 59	0 16	25 23	1 58	1 56	1 5	3 55	2 45	23 21	0 5	22 14	0 57	13 24	15 58	9 54	10 10	17 34	4 36	2 52
T 3	5 22	18 28	4 54	13 55	3 16	11 40	0 11	25 22	1 57	2 2	1 5	3 54	2 45	23 21	0 5	22 14	0 57	13 23	15 58	9 54	10 8	17 35	4 37	2 52
F 4	5 45	17 19	5 13	13 55	3 17	11 21	0 6	25 21	1 57	2 8	1 5	3 52	2 45	23 21	0 5	22 14	0 57	13 23	15 58	9 54	10 7	17 35	4 39	2 52
S 5	6 7	15 21	5 17	13 51	3 16	11 2	0 2	25 20	1 56	2 13	1 5	3 50	2 45	23 21	0 5	22 14	0 57	13 22	15 59	9 54	10 6	17 36	4 40	2 52
S 6	6 30	12 36	5 6	13 43	3 14	10 42	0s 3	25 19	1 56	2 19	1 5	3 48	2 45	23 21	0 5	22 14	0 56	13 22	15 59	9 54	10 5	17 36	4 42	2 51
M 7	6 53	9 9	4 40	13 32	3 10	10 22	0 7	25 17	1 55	2 25	1 5	3 46	2 45	23 21	0 5	22 14	0 56	13 21	15 59	9 53	10 4	17 37	4 43	2 51
T 8	7 15	5 9	3 57	13 17	3 4	10 1	0 11	25 16	1 55	2 30	1 5	3 45	2 45	23 21	0 5	22 14	0 56	13 21	15 59	9 53	10 3	17 38	4 44	2 51
W 9	7 38	0 44	3 0	12 58	2 57	9 40	0 16	25 14	1 54	2 36	1 5	3 43	2 45	23 21	0 5	22 14	0 56	13 20	15 59	9 53	10 1	17 38	4 46	2 51
T 10	8 0	3n50	1 49	12 37	2 48	9 19	0 20	25 12	1 54	2 42	1 5	3 41	2 45	23 21	0 5	22 14	0 56	13 20	15 59	9 52	10 0	17 39	4 47	2 51
F 11	8 22	8 18	0 31	12 13	2 38	8 58	0 24	25 10	1 53	2 47	1 5	3 39	2 45	23 21	0 5	22 14	0 56	13 19	15 59	9 52	9 59	17 39	4 48	2 51
S 12	8 44	12 19	0s51	11 47	2 27	8 36	0 28	25 8	1 53	2 53	1 5	3 38	2 45	23 21	0 5	22 14	0 56	13 19	15 59	9 52	9 58	17 40	4 50	2 51
S 13	9 6	15 34	2 10	11 19	2 14	8 14	0 32	25 6	1 52	2 58	1 5	3 36	2 45	23 21	0 5	22 14	0 56	13 18	15 59	9 52	9 57	17 41	4 51	2 51
M14	9 27	17 46	3 20	10 49	2 0	7 52	0 36	25 4	1 52	3 4	1 5	3 34	2 45	23 21	0 5	22 14	0 56	13 18	15 59	9 53	9 56	17 41	4 52	2 51
T 15	9 49	18 44	4 16	10 18	1 45	7 29	0 40	25 1	1 51	3 9	1 5	3 32	2 45	23 21	0 5	22 14	0 56	13 17	16 0	9 53	9 55	17 42	4 54	2 51
W16	10 10	18 27	4 55	9 47	1 30	7 6	0 43	24 59	1 50	3 15	1 5	3 31	2 45	23 21	0 5	22 14	0 56	13 17	16 0	9 53	9 53	17 42	4 55	2 51
T 17	10 31	17 1	5 15	9 16	1 13	6 43	0 47	24 56	1 50	3 21	1 5	3 29	2 45	23 21	0 5	22 14	0 56	13 17	16 0	9 53	9 52	17 43	4 56	2 51
F 18	10 52	14 37	5 16	8 46	0 57	6 20	0 50	24 53	1 49	3 26	1 5	3 27	2 45	23 21	0 5	22 14	0 56	13 16	16 0	9 53	9 51	17 43	4 58	2 51
S 19	11 13	11 29	4 59	8 16	0 40	5 56	0 54	24 50	1 49	3 32	1 5	3 26	2 44	23 21	0 5	22 14	0 56	13 16	16 0	9 53	9 50	17 44	4 59	2 51
S 20	11 34	7 50	4 27	7 47	0 23	5 32	0 57	24 47	1 48	3 37	1 5	3 24	2 44	23 21	0 5	22 14	0 56	13 15	16 0	9 53	9 49	17 44	5 0	2 51
M21	11 54	3 53	3 42	7 21	0 6	5 8	1 0	24 43	1 48	3 42	1 5	3 22	2 44	23 21	0 5	22 14	0 56	13 15	16 1	9 53	9 48	17 45	5 2	2 51
T 22	12 15	0s10	2 47	6 56	0s10	4 44	1 3	24 40	1 47	3 48	1 6	3 21	2 44	23 21	0 5	22 14	0 56	13 15	16 1	9 53	9 46	17 46	5 3	2 51
W23	12 35	4 9	1 44	6 33	0 26	4 20	1 7	24 36	1 47	3 53	1 6	3 19	2 44	23 21	0 5	22 14	0 56	13 14	16 1	9 53	9 45	17 46	5 4	2 51
T 24	12 55	7 54	0 38	6 12	0 42	3 55	1 9	24 33	1 46	3 59	1 6	3 18	2 44	23 21	0 5	22 14	0 56	13 14	16 1	9 53	9 44	17 47	5 5	2 51
F 25	13 14	11 18	0n29	5 54	0 57	3 30	1 12	24 29	1 46	4 4	1 6	3 16	2 44	23 21	0 5	22 14	0 56	13 14	16 1	9 53	9 43	17 47	5 7	2 51
S 26	13 34	14 10	1 34	5 38	1 11	3 6	1 15	24 25	1 45	4 9	1 6	3 15	2 44	23 21	0 5	22 13	0 56	13 13	16 1	9 53	9 42	17 48	5 8	2 51
S 27	13 53	16 26	2 34	5 25	1 24	2 40	1 18	24 21	1 45	4 15	1 6	3 13	2 44	23 21	0 5	22 13	0 56	13 13	16 2	9 53	9 41	17 48	5 9	2 51
M28	14 12	17 58	3 28	5 15	1 37	2 15	1 20	24 16	1 44	4 20	1 6	3 12	2 44	23 21	0 5	22 13	0 56	13 13	16 2	9 52	9 39	17 49	5 10	2 51
T 29	14 30	18 44	4 12	5 7	1 49	1 50	1 23	24 12	1 44	4 25	1 6	3 10	2 44	23 20	0 5	22 13	0 56	13 12	16 2	9 52	9 38	17 49	5 12	2 51
W30	14n49	18s40	4n46	5n 1	2s 0	1s24	1s25	24n 7	1n43	4n31	1s 6	3s 9	2n43	23s20	0s									

SWISS EPHEMERIS for the year 2070

MAY 2070

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T 1	14 37 7	10♁5941	12♁10	17♁50	0♁54	17♁4	14♁15	14°R18	23°R 3	8♁41	3♁48	25°R27	24♁48	4♁55	6♁35							
F 2	14 41 4	11°57'56	24°16	18°12	2° 4	17°37	14°28	14♁14	23♁1 0	8°42	3°49	25♁25	24°45	5° 2	6°38							
S 3	14 45 0	12°56'10	6♁35	18°39	3°14	18°11	14°42	14°10	23° 0	8°43	3°50	25°24	24°41	5° 8	6°41							
S 4	14 48 57	13°54'23	19°11	19°10	4°24	18°45	14°56	14° 6	22°58	8°45	3°51	25°D24	24°38	5°15	6°44							
M 5	14 52 53	14°52'34	2♁9	19°45	5°34	19°19	15° 9	14° 2	22°56	8°46	3°53	25°25	24°35	5°22	6°47							
T 6	14 56 50	15°50'43	15°30	20°24	6°44	19°53	15°23	13°59	22°54	8°48	3°54	25°26	24°32	5°28	6°50							
W 7	15 0 46	16°48'51	29°18	21° 6	7°54	20°27	15°36	13°55	22°53	8°49	3°55	25°28	24°29	5°35	6°53							
T 8	15 4 43	17°46'58	13♁33	21°52	9° 4	21° 1	15°50	13°52	22°51	8°51	3°56	25°29	24°26	5°42	6°56							
F 9	15 8 39	18°45'03	28°11	22°42	10°14	21°35	16° 3	13°48	22°49	8°52	3°57	25°R29	24°22	5°48	6°59							
S 10	15 12 36	19°43'07	13♁9	23°35	11°25	22° 9	16°16	13°45	22°47	8°54	3°58	25°28	24°19	5°55	7° 1							
S 11	15 16 33	20°41'09	28°18	24°31	12°35	22°43	16°30	13°42	22°45	8°56	4° 0	25°26	24°16	6° 2	7° 4							
M12	15 20 29	21°39'10	13♁29	25°31	13°45	23°17	16°43	13°39	22°43	8°57	4° 1	25°23	24°13	6° 8	7° 7							
T 13	15 24 26	22°37'09	28°32	26°33	14°56	23°52	16°56	13°36	22°41	8°59	4° 2	25°20	24°10	6°15	7°10							
W14	15 28 22	23°35'06	13♁19	27°38	16° 6	24°26	17° 9	13°33	22°39	9° 1	4° 3	25°16	24° 7	6°22	7°12							
T 15	15 32 19	24°33'02	27°42	28°46	17°17	25° 0	17°22	13°30	22°37	9° 2	4° 4	25°13	24° 3	6°28	7°15							
F 16	15 36 15	25°30'55	11♁40	29°57	18°27	25°35	17°35	13°27	22°35	9° 4	4° 5	25°11	24° 0	6°35	7°18							
S 17	15 40 12	26°28'47	25°12	1♁10	19°38	26° 9	17°48	13°24	22°33	9° 6	4° 6	25°D10	23°57	6°42	7°20							
S 18	15 44 9	27°26'37	8♁19	2°26	20°49	26°44	18° 1	13°21	22°31	9° 7	4° 7	25°10	23°54	6°48	7°23							
M19	15 48 5	28°24'25	21° 4	3°44	21°59	27°18	18°13	13°19	22°29	9° 9	4° 8	25°12	23°51	6°55	7°25							
T 20	15 52 2	29°22'12	3♁31	5° 5	23°10	27°53	18°26	13°16	22°26	9°11	4° 9	25°13	23°47	7° 2	7°28							
W21	15 55 58	0♁19'57	15°45	6°29	24°21	28°28	18°39	13°14	22°24	9°13	4°10	25°15	23°44	7° 8	7°30							
T 22	15 59 55	1°17'40	27°48	7°55	25°32	29° 2	18°51	13°11	22°22	9°15	4°11	25°R15	23°41	7°15	7°32							
F 23	16 3 51	2°15'22	9♁45	9°23	26°43	29°37	19° 4	13° 9	22°20	9°16	4°12	25°14	23°38	7°22	7°35							
S 24	16 7 48	3°13'03	21°37	10°53	27°53	0♁12	19°16	13° 7	22°17	9°18	4°12	25°11	23°35	7°28	7°37							
S 25	16 11 44	4°10'42	3♁27	12°26	29° 4	0°47	19°28	13° 5	22°15	9°20	4°13	25° 6	23°32	7°35	7°39							
M26	16 15 41	5° 8'20	15°17	14° 1	0♁15	1°22	19°41	13° 3	22°13	9°22	4°14	25° 0	23°28	7°42	7°42							
T 27	16 19 37	6° 5'57	27° 9	15°39	1°26	1°57	19°53	13° 1	22°11	9°24	4°15	24°53	23°25	7°49	7°44							
W28	16 23 34	7° 3'32	9♁5	17°19	2°38	2°32	20° 5	12°59	22° 8	9°26	4°16	24°45	23°22	7°55	7°46							
T 29	16 27 31	8° 1'07	21° 7	19° 1	3°49	3° 7	20°17	12°57	22° 6	9°28	4°17	24°38	23°19	8° 2	7°48							
F 30	16 31 27	8°58'41	3♁17	20°45	5° 0	3°42	20°29	12°56	22° 4	9°30	4°17	24°31	23°16	8° 9	7°50							
S 31	16 35 24	9♁56'13	15♁39	22♁32	6♁11	4♁17	20♁41	12♁54	22♁1	9♁32	4♁18	24♁27	23♁13	8♁15	7♁52							

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
T 1	15n 7	17s46	5n 8	4n58	2s11	0s59	1s28	24n 2	1n43	4n36	1s 6	3s 7	2n43	23s20	0s 6	22n13	0s56	13s12	16s 3	9s50	9s36	17s50	5n14	2n51
F 2	15 25	16 4	5 16	4 58	2 20	0 33	1 30	23 58	1 42	4 41	1 6	3 6	2 43	23 20	0 6	22 13	0 55	13 11	16 3	9 50	9 35	17 51	5 15	2 51
S 3	15 43	13 37	5 10	5 0	2 29	0 7	1 32	23 53	1 42	4 46	1 6	3 5	2 43	23 20	0 6	22 13	0 55	13 11	16 3	9 49	9 34	17 51	5 17	2 51
S 4	16 0	10 28	4 49	5 5	2 37	0n19	1 34	23 47	1 41	4 51	1 6	3 3	2 43	23 20	0 6	22 13	0 55	13 11	16 3	9 49	9 32	17 52	5 18	2 51
M 5	16 18	6 45	4 14	5 11	2 44	0 45	1 36	23 42	1 41	4 57	1 7	3 2	2 43	23 20	0 6	22 13	0 55	13 11	16 3	9 50	9 31	17 52	5 19	2 51
T 6	16 34	2 35	3 23	5 20	2 50	1 10	1 38	23 37	1 40	5 2	1 7	3 1	2 43	23 20	0 6	22 13	0 55	13 10	16 4	9 50	9 30	17 53	5 20	2 52
W 7	16 51	1n51	2 20	5 31	2 56	1 37	1 39	23 31	1 40	5 7	1 7	2 59	2 43	23 20	0 6	22 13	0 55	13 10	16 4	9 50	9 29	17 53	5 21	2 52
T 8	17 8	6 21	1 5	5 44	3 0	2 3	1 41	23 25	1 39	5 12	1 7	2 58	2 42	23 20	0 6	22 13	0 55	13 10	16 4	9 51	9 28	17 54	5 23	2 52
F 9	17 24	10 36	0s15	5 58	3 4	2 29	1 43	23 20	1 39	5 17	1 7	2 57	2 42	23 20	0 6	22 13	0 55	13 10	16 4	9 51	9 27	17 54	5 24	2 52
S 10	17 39	14 15	1 36	6 15	3 7	2 55	1 44	23 14	1 38	5 22	1 7	2 56	2 42	23 20	0 6	22 13	0 55	13 10	16 5	9 51	9 25	17 55	5 25	2 52
S 11	17 55	17 0	2 51	6 33	3 10	3 21	1 46	23 7	1 38	5 27	1 7	2 55	2 42	23 20	0 6	22 13	0 55	13 9	16 5	9 50	9 24	17 55	5 26	2 52
M12	18 10	18 32	3 54	6 53	3 11	3 47	1 47	23 1	1 37	5 32	1 7	2 54	2 42	23 19	0 6	22 13	0 55	13 9	16 5	9 49	9 23	17 56	5 27	2 52
T 13	18 25	18 45	4 40	7 15	3 12	4 13	1 48	22 55	1 37	5 37	1 7	2 53	2 42	23 19	0 6	22 12	0 55	13 9	16 6	9 48	9 22	17 56	5 28	2 52
W14	18 40	17 40	5 7	7 38	3 13	4 39	1 49	22 48	1 36	5 42	1 7	2 52	2 41	23 19	0 6	22 12	0 55	13 9	16 6	9 46	9 21	17 57	5 29	2 52
T 15	18 54	15 29	5 13	8 2	3 12	5 5	1 50	22 42	1 36	5 47	1 8	2 51	2 41	23 19	0 6	22 12	0 55	13 9	16 6	9 45	9 20	17 57	5 30	2 52
F 16	19 8	12 27	5 1	8 28	3 11	5 31	1 51	22 35	1 35	5 51	1 8	2 50	2 41	23 19	0 6	22 12	0 55	13 9	16 6	9 44	9 18	17 58	5 31	2 52
S 17	19 21	8 51	4 32	8 55	3 9	5 57	1 52	22 28	1 35	5 56	1 8	2 49	2 41	23 19	0 6	22 12	0 55	13 8	16 7	9 44	9 17	17 58	5 33	2 52
S 18	19 35	4 54	3 49	9 23	3 7	6 23	1 52	22 21	1 34	6 1	1 8	2 48	2 41	23 19	0 6	22 12	0 55	13 8	16 7	9 44	9 16	17 59	5 34	2 52
M19	19 48	0 50	2 56	9 52	3 4	6 49	1 53	22 13	1 34	6 6	1 8	2 47	2 40	23 19	0 6	22 12	0 55	13 8	16 7	9 45	9 15	17 59	5 35	2 52
T 20	20 0	3s11	1 56	10 23	3 0	7 14	1 54	22 6	1 33	6 10	1 8	2 46	2 40	23 19	0 6	22 12	0 55	13 8	16 8	9 45	9 14	17 59	5 36	2 52
W21	20 13	6 59	0 52	10 54	2 56	7 40	1 54	21 59	1 33	6 15	1 8	2 46	2 40	23 18	0 6	22 12	0 55	13 8	16 8	9 46	9 13	18 0	5 37	2 52
T 22	20 25	10 28	0n14	11 26	2 51	8 5	1 54	21 51	1 32	6 20	1 8	2 45	2 40	23 18	0 6	22 12	0 55	13 8	16 8	9 46	9 11	18 0	5 38	2 52
F 23	20 36	13 29	1 18	11 59	2 46	8 31	1 55	21 43	1 32	6 24	1 8	2 44	2 40	23 18	0 6	22 12	0 55	13 8	16 8	9 45	9 10	18 1	5 39	2 52
S 24	20 47	15 56	2 19	12 33	2 40	8 56	1 55	21 35	1 31	6 29	1 9	2 44	2 39	23 18	0 6	22 11	0 55	13 8	16 9	9 44	9 9	18 1	5 40	2 52
S 25	20 58	17 41	3 13	13 7	2 34	9 21	1 55	21 27	1 31	6 33	1 9	2 43	2 39	23 18	0 6	22 11	0 55	13 8	16 9	9 43	9 8	18 2	5 41	2 52
M26	21 9	18 40	3 58	13 42	2 27	9 46	1 55	21 19	1 31	6 38	1 9	2 42	2 39	23 18	0 6	22 11	0 55	13 8	16 9	9 40	9 7	18 2	5 41	2 52
T 27	21 19	18 50	4 34	14 17	2 20	10 10	1 55	21 11	1 30	6 42	1 9	2 42	2 39	23 18	0 6	22 11	0 55	13 8	16 10	9 38	9 6	18 3	5 42	2 53
W28	21 29	18 10	4 57	14 53	2 12	10 35	1 55	21 2	1 30	6 47	1 9	2 41	2 39	23 18	0 6	22 11	0 55	13 8	16 10	9 35	9 4	18 3	5 43	2 53
T 29	21 38	16 42	5 8	15 29	2 4</																			

SWISS EPHEMERIS for the year 2070

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S 1	16 39 20	10II53'45	28♌14	24♌21	7♌22	4♌52	20V52	12°R53	21°R59	9♌34	4V19	24°R24	23♌ 9	8♌22	7V54	
M 2	16 43 17	11°51'16	11♌ 8	26°13	8°33	5°27	21° 4	12♌51	21♌56	9°36	4°20	24°D23	23° 6	8°29	7°56	
T 3	16 47 13	12°48'46	24°23	28° 6	9°45	6° 2	21°16	12°50	21°54	9°38	4°20	24♌24	23° 3	8°35	7°58	
W 4	16 51 10	13°46'16	8V 2	0II 2	10°56	6°38	21°27	12°49	21°51	9°40	4°21	24°25	23° 0	8°42	8° 0	
T 5	16 55 6	14°43'45	22° 7	2° 0	12° 8	7°13	21°38	12°48	21°49	9°42	4°22	24°R26	22°57	8°49	8° 2	
F 6	16 59 3	15°41'13	6♌37	4° 0	13°19	7°48	21°50	12°47	21°47	9°44	4°22	24°25	22°53	8°55	8° 3	
S 7	17 3 0	16°38'40	21°30	6° 2	14°30	8°24	22° 1	12°46	21°44	9°46	4°23	24°22	22°50	9° 2	8° 5	
S 8	17 6 56	17°36'07	6II38	8° 6	15°42	8°59	22°12	12°46	21°42	9°48	4°23	24°18	22°47	9° 9	8° 7	
M 9	17 10 53	18°33'33	21°54	10°12	16°53	9°35	22°23	12°45	21°39	9°50	4°24	24°11	22°44	9°15	8° 8	
T 10	17 14 49	19°30'58	7♌ 6	12°19	18° 5	10°10	22°34	12°44	21°37	9°52	4°25	24° 3	22°41	9°22	8°10	
W11	17 18 46	20°28'22	22° 3	14°28	19°17	10°46	22°45	12°44	21°34	9°55	4°25	23°55	22°38	9°29	8°12	
T 12	17 22 42	21°25'45	6♌38	16°38	20°28	11°21	22°56	12°44	21°32	9°57	4°26	23°47	22°34	9°36	8°13	
F 13	17 26 39	22°23'07	20°45	18°48	21°40	11°57	23° 6	12°43	21°29	9°59	4°26	23°41	22°31	9°42	8°15	
S 14	17 30 36	23°20'28	4II23	21° 0	22°51	12°33	23°17	12°43	21°27	10° 1	4°27	23°38	22°28	9°49	8°16	
S 15	17 34 32	24°17'49	17°32	23°12	24° 3	13° 8	23°27	12°D43	21°24	10° 3	4°27	23°36	22°25	9°56	8°17	
M16	17 38 29	25°15'08	0♌17	25°24	25°15	13°44	23°37	12°43	21°22	10° 5	4°27	23°D36	22°22	10° 2	8°19	
T 17	17 42 25	26°12'26	12°41	27°36	26°27	14°20	23°48	12°43	21°20	10° 7	4°28	23°36	22°19	10° 9	8°20	
W18	17 46 22	27° 9'43	24°50	29°47	27°38	14°56	23°58	12°44	21°17	10°10	4°28	23°R37	22°15	10°16	8°21	
T 19	17 50 18	28° 7'00	6II48	1♌58	28°50	15°32	24° 8	12°44	21°15	10°12	4°28	23°36	22°12	10°22	8°22	
F 20	17 54 15	29° 4'16	18°39	4° 8	0II 2	16° 8	24°17	12°45	21°12	10°14	4°29	23°33	22° 9	10°29	8°23	
S 21	17 58 11	0♌ 1'31	0♌28	6°16	1°14	16°43	24°27	12°45	21°10	10°16	4°29	23°28	22° 6	10°36	8°24	
S 22	18 2 8	0°58'45	12°18	8°24	2°26	17°19	24°37	12°46	21° 7	10°18	4°29	23°19	22° 3	10°42	8°25	
M23	18 6 5	1°56'00	24°10	10°30	3°38	17°55	24°46	12°47	21° 5	10°21	4°30	23° 9	21°59	10°49	8°26	
T 24	18 10 1	2°53'13	6♌ 8	12°34	4°50	18°31	24°56	12°47	21° 3	10°23	4°30	22°57	21°56	10°56	8°27	
W25	18 13 58	3°50'27	18°12	14°37	6° 2	19° 8	25° 5	12°48	21° 0	10°25	4°30	22°45	21°53	11° 2	8°28	
T 26	18 17 54	4°47'39	0♌23	16°37	7°14	19°44	25°14	12°49	20°58	10°27	4°30	22°33	21°50	11° 9	8°29	
F 27	18 21 51	5°44'52	12°43	18°36	8°26	20°20	25°23	12°51	20°55	10°30	4°30	22°22	21°47	11°16	8°30	
S 28	18 25 47	6°42'05	25°13	20°33	9°38	20°56	25°32	12°52	20°53	10°32	4°31	22°14	21°44	11°23	8°30	
S 29	18 29 44	7°39'17	7♌55	22°28	10°50	21°32	25°41	12°53	20°51	10°34	4°31	22° 8	21°40	11°29	8°31	
M30	18 33 40	8°36'30	20♌51	24♌20	12II 2	22♌ 8	25V49	12♌55	20♌48	10♌36	4V31	22♌ 5	21♌37	11♌36	8V32	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	22n 4	8s 4	4n17	17n18	1s36	12n11	1s53	20n27	1n28	7n 4	1s10	2s40	2n38	23s17	0s 6	22n11	0s55	13s 8	16s11	9s27	9s 0	18s 5	5n47	2n53
M 2	22 12	4 7	3 32	17 54	1 27	12 34	1 53	20 18	1 27	7 8	1 10	2 40	2 37	23 17	0 6	22 10	0 55	13 8	16 12	9 27	8 59	18 5	5 48	2 53
T 3	22 19	0n 8	2 35	18 29	1 16	12 57	1 52	20 9	1 27	7 12	1 10	2 39	2 37	23 17	0 6	22 10	0 55	13 8	16 12	9 27	8 57	18 6	5 48	2 53
W 4	22 27	4 31	1 27	19 4	1 6	13 20	1 51	20 0	1 26	7 17	1 10	2 39	2 37	23 17	0 6	22 10	0 54	13 8	16 12	9 28	8 56	18 6	5 49	2 53
T 5	22 33	8 48	0 12	19 39	0 55	13 43	1 50	19 50	1 26	7 21	1 10	2 39	2 37	23 17	0 6	22 10	0 54	13 8	16 13	9 28	8 55	18 6	5 50	2 53
F 6	22 40	12 41	1s 5	20 12	0 45	14 5	1 50	19 41	1 25	7 25	1 10	2 39	2 36	23 16	0 6	22 10	0 54	13 8	16 13	9 28	8 54	18 7	5 51	2 53
S 7	22 45	15 52	2 20	20 45	0 34	14 27	1 49	19 31	1 25	7 29	1 11	2 39	2 36	23 16	0 6	22 10	0 54	13 8	16 13	9 27	8 53	18 7	5 52	2 53
S 8	22 51	18 1	3 27	21 16	0 23	14 49	1 48	19 21	1 24	7 33	1 11	2 39	2 36	23 16	0 6	22 10	0 54	13 8	16 14	9 25	8 51	18 7	5 52	2 53
M 9	22 56	18 52	4 19	21 46	0 12	15 10	1 47	19 11	1 24	7 37	1 11	2 39	2 36	23 16	0 6	22 10	0 54	13 8	16 14	9 22	8 50	18 8	5 53	2 54
T 10	23 1	18 22	4 53	22 14	0 1	15 31	1 45	19 1	1 23	7 41	1 11	2 39	2 36	23 16	0 6	22 9	0 54	13 8	16 15	9 19	8 49	18 8	5 54	2 54
W11	23 5	16 36	5 5	22 41	0n 9	15 52	1 44	18 51	1 23	7 44	1 11	2 39	2 35	23 16	0 6	22 9	0 54	13 8	16 15	9 16	8 48	18 9	5 54	2 54
T 12	23 9	13 47	4 58	23 5	0 20	16 12	1 43	18 41	1 22	7 48	1 11	2 39	2 35	23 16	0 6	22 9	0 54	13 9	16 15	9 14	8 47	18 9	5 55	2 54
F 13	23 13	10 15	4 33	23 28	0 30	16 32	1 42	18 30	1 22	7 52	1 12	2 39	2 35	23 15	0 6	22 9	0 54	13 9	16 16	9 11	8 46	18 9	5 56	2 54
S 14	23 16	6 18	3 52	23 47	0 40	16 52	1 40	18 20	1 21	7 56	1 12	2 39	2 35	23 15	0 6	22 9	0 54	13 9	16 16	9 10	8 44	18 10	5 56	2 54
S 15	23 18	2 9	3 1	24 5	0 50	17 11	1 39	18 9	1 21	7 59	1 12	2 39	2 34	23 15	0 6	22 9	0 54	13 9	16 16	9 10	8 43	18 10	5 57	2 54
M16	23 21	1s58	2 1	24 19	0 59	17 30	1 37	17 58	1 20	8 3	1 12	2 39	2 34	23 15	0 6	22 9	0 54	13 9	16 17	9 9	8 42	18 11	5 58	2 54
T 17	23 22	5 54	0 58	24 31	1 7	17 48	1 35	17 48	1 20	8 7	1 12	2 40	2 34	23 15	0 6	22 8	0 54	13 9	16 17	9 10	8 41	18 11	5 58	2 54
W18	23 24	9 31	0n 7	24 41	1 15	18 6	1 34	17 37	1 19	8 10	1 12	2 40	2 34	23 15	0 6	22 8	0 54	13 10	16 17	9 10	8 40	18 11	5 59	2 54
T 19	23 25	12 41	1 10	24 47	1 22	18 24	1 32	17 26	1 19	8 14	1 13	2 40	2 33	23 14	0 6	22 8	0 54	13 10	16 18	9 9	8 38	18 12	5 59	2 54
F 20	23 25	15 17	2 9	24 51	1 29	18 41	1 30	17 14	1 18	8 17	1 13	2 41	2 33	23 14	0 6	22 8	0 54	13 10	16 18	9 8	8 37	18 12	6 0	2 54
S 21	23 26	17 15	3 3	24 51	1 35	18 57	1 28	17 3	1 18	8 20	1 13	2 41	2 33	23 14	0 6	22 8	0 54	13 10	16 19	9 6	8 36	18 12	6 0	2 55
S 22	23 25	18 29	3 49	24 49	1 40	19 13	1 27	16 52	1 17	8 24	1 13	2 42	2 33	23 14	0 6	22 8	0 54	13 10	16 19	9 3	8 35	18 13	6 1	2 55
M23	23 25	18 54	4 25	24 45	1 44	19 29	1 25	16 40	1 17	8 27	1 13	2 42	2 32	23 14	0 6	22 7	0 54	13 11	16 19	9 0	8 34	18 13	6 1	2 55
T 24	23 24	18 29	4 49	24 37	1 48	19 44	1 23	16 29	1 16	8 30	1 14	2 43	2 32	23 14	0 6	22 7	0 54	13 11	16 20	8 55	8 33	18 13	6 2	2 55
W25	23 22	17 14	5 1	24 28	1 51	19 59	1 21	16 17	1 16	8 34	1 14	2 44	2 32	23 14	0 6	22 7	0 54	13 11	16 20	8 51	8 31	18 14	6 2	2 55
T 26	23 20	15 12	4 59	24 16	1 53	20 13	1 19	16 5	1 15	8 37	1 14	2 44	2 32	23 13	0 6	22 7	0 54	13 11	16 20	8 46	8 30	18 14	6 3	2 55
F 27	23 18	12 27	4 43	24 2	1 54	20 26	1 16	15 53	1 15	8 40	1 14	2 45	2 31	23 13	0 6	22 7	0 54	13 12	16 21	8 42	8 29	18 14	6 3	2 55
S 28	23 15	9 8	4 14	23 45	1 55	20 40	1 14	15 41	1 14	8 43	1 14	2 46	2 31	23 13	0 6	22 7	0 54	13 12	16 21	8 39	8 28	18 15	6 3	2 55
S 29	23 12	5 20	3 31	23 27	1 55	20 52	1 12	15 29	1 14	8 46	1 15	2 46	2 31	23 13	0 6	22 7	0 54	13 12	16 22	8 37	8 27	18 15	6 4	2 55
M30	23																							

SWISS EPHEMERIS for the year 2070

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	18 37 37	9 ^h 33'42"	4 ^h 04'	26 ^h 01'	13 ^h 11'	22 ^h 04'	25 ^h 58'	12 ^h 56'	20 ^h R46	10 ^h 38'	4 ^h 31'	22 ^h R 4	21 ^h 34'	11 ^h 43'	8 ^h 32'	
W 2	18 41 34	10 ^h 30'55"	17 ^h 37'	27 ^h 59'	14 ^h 27'	23 ^h 21'	26 ^h 6'	12 ^h 58'	20 ^h R44	10 ^h 41'	4 ^h 31'	22 ^h 4	21 ^h 31'	11 ^h 49'	8 ^h 33'	
T 3	18 45 30	11 ^h 28'08"	1 ^h 33'	1 ^h 33'	15 ^h 39'	23 ^h 57'	26 ^h 14'	13 ^h 0'	20 ^h 42'	10 ^h 43'	4 ^h 31'	22 ^h 4	21 ^h 28'	11 ^h 56'	8 ^h 33'	
F 4	18 49 27	12 ^h 25'21"	15 ^h 49'	1 ^h 30'	16 ^h 51'	24 ^h 34'	26 ^h 22'	13 ^h 2'	20 ^h 39'	10 ^h 45'	4 ^h R31	22 ^h 2	21 ^h 25'	12 ^h 3'	8 ^h 33'	
S 5	18 53 23	13 ^h 22'35"	0 ^h 11'	3 ^h 12'	18 ^h 4'	25 ^h 10'	26 ^h 30'	13 ^h 4'	20 ^h 37'	10 ^h 47'	4 ^h 31'	21 ^h 58'	21 ^h 21'	12 ^h 9'	8 ^h 34'	
S 6	18 57 20	14 ^h 19'48"	15 ^h 22'	4 ^h 52'	19 ^h 16'	25 ^h 46'	26 ^h 38'	13 ^h 6'	20 ^h 35'	10 ^h 50'	4 ^h 31'	21 ^h 52'	21 ^h 18'	12 ^h 16'	8 ^h 34'	
M 7	19 1 16	15 ^h 17'02"	0 ^h 27'	6 ^h 30'	20 ^h 28'	26 ^h 23'	26 ^h 46'	13 ^h 8'	20 ^h 33'	10 ^h 52'	4 ^h 31'	21 ^h 43'	21 ^h 15'	12 ^h 23'	8 ^h 34'	
T 8	19 5 13	16 ^h 14'16"	15 ^h 31'	8 ^h 6'	21 ^h 41'	27 ^h 0'	26 ^h 53'	13 ^h 10'	20 ^h 31'	10 ^h 54'	4 ^h 31'	21 ^h 32'	21 ^h 12'	12 ^h 29'	8 ^h 35'	
W 9	19 9 9	17 ^h 11'30"	0 ^h 25'	9 ^h 39'	22 ^h 53'	27 ^h 36'	27 ^h 1'	13 ^h 12'	20 ^h 29'	10 ^h 56'	4 ^h 31'	21 ^h 21'	21 ^h 9'	12 ^h 36'	8 ^h 35'	
T 10	19 13 6	18 ^h 8'44"	15 ^h 1'	11 ^h 11'	24 ^h 6'	28 ^h 13'	27 ^h 8'	13 ^h 15'	20 ^h 26'	10 ^h 59'	4 ^h 31'	21 ^h 11'	21 ^h 5'	12 ^h 43'	8 ^h 35'	
F 11	19 17 3	19 ^h 5'58"	29 ^h 11'	12 ^h 40'	25 ^h 18'	28 ^h 49'	27 ^h 15'	13 ^h 17'	20 ^h 24'	11 ^h 1'	4 ^h 31'	21 ^h 3'	21 ^h 2'	12 ^h 50'	8 ^h R35	
S 12	19 20 59	20 ^h 3'12"	12 ^h 52'	14 ^h 7'	26 ^h 31'	29 ^h 26'	27 ^h 22'	13 ^h 20'	20 ^h 22'	11 ^h 3'	4 ^h 30'	20 ^h 57'	20 ^h 59'	12 ^h 56'	8 ^h 35'	
S 13	19 24 56	21 ^h 0'25"	26 ^h 5'	15 ^h 32'	27 ^h 44'	0 ^h 11'	27 ^h 29'	13 ^h 22'	20 ^h 20'	11 ^h 5'	4 ^h 30'	20 ^h 54'	20 ^h 56'	13 ^h 3'	8 ^h 35'	
M14	19 28 52	21 ^h 57'39"	8 ^h 53'	16 ^h 55'	28 ^h 56'	0 ^h 39'	27 ^h 35'	13 ^h 25'	20 ^h 18'	11 ^h 7'	4 ^h 30'	20 ^h 52'	20 ^h 53'	13 ^h 10'	8 ^h 35'	
T 15	19 32 49	22 ^h 54'53"	21 ^h 18'	18 ^h 15'	0 ^h 59'	1 ^h 16'	27 ^h 42'	13 ^h 28'	20 ^h 16'	11 ^h 10'	4 ^h 30'	20 ^h 52'	20 ^h 50'	13 ^h 16'	8 ^h 34'	
W16	19 36 45	23 ^h 52'07"	3 ^h 11'	19 ^h 33'	1 ^h 21'	1 ^h 53'	27 ^h 48'	13 ^h 31'	20 ^h 14'	11 ^h 12'	4 ^h 30'	20 ^h 52'	20 ^h 46'	13 ^h 23'	8 ^h 34'	
T 17	19 40 42	24 ^h 49'20"	15 ^h 24'	20 ^h 49'	2 ^h 34'	2 ^h 30'	27 ^h 54'	13 ^h 34'	20 ^h 13'	11 ^h 14'	4 ^h 29'	20 ^h 51'	20 ^h 43'	13 ^h 30'	8 ^h 34'	
F 18	19 44 38	25 ^h 46'34"	27 ^h 15'	22 ^h 2'	3 ^h 47'	3 ^h 7'	28 ^h 0'	13 ^h 37'	20 ^h 11'	11 ^h 16'	4 ^h 29'	20 ^h 47'	20 ^h 40'	13 ^h 36'	8 ^h 34'	
S 19	19 48 35	26 ^h 43'49"	9 ^h 5'	23 ^h 12'	5 ^h 0'	3 ^h 44'	28 ^h 6'	13 ^h 41'	20 ^h 9'	11 ^h 18'	4 ^h 29'	20 ^h 42'	20 ^h 37'	13 ^h 43'	8 ^h 33'	
S 20	19 52 32	27 ^h 41'03"	20 ^h 56'	24 ^h 21'	6 ^h 12'	4 ^h 21'	28 ^h 12'	13 ^h 44'	20 ^h 7'	11 ^h 20'	4 ^h 28'	20 ^h 33'	20 ^h 34'	13 ^h 50'	8 ^h 33'	
M21	19 56 28	28 ^h 38'18"	2 ^h 35'	25 ^h 26'	7 ^h 25'	4 ^h 58'	28 ^h 17'	13 ^h 47'	20 ^h 5'	11 ^h 23'	4 ^h 28'	20 ^h 23'	20 ^h 31'	13 ^h 56'	8 ^h 32'	
T 22	20 0 25	29 ^h 35'33"	14 ^h 59'	26 ^h 29'	8 ^h 38'	5 ^h 35'	28 ^h 22'	13 ^h 51'	20 ^h 4'	11 ^h 25'	4 ^h 28'	20 ^h 10'	20 ^h 27'	14 ^h 3'	8 ^h 32'	
W23	20 4 21	0 ^h 32'48"	27 ^h 13'	27 ^h 29'	9 ^h 51'	6 ^h 12'	28 ^h 28'	13 ^h 54'	20 ^h 2'	11 ^h 27'	4 ^h 27'	19 ^h 57'	20 ^h 24'	14 ^h 10'	8 ^h 31'	
T 24	20 8 18	1 ^h 30'04"	9 ^h 37'	28 ^h 26'	11 ^h 4'	6 ^h 49'	28 ^h 32'	13 ^h 58'	20 ^h 0'	11 ^h 29'	4 ^h 27'	19 ^h 44'	20 ^h 21'	14 ^h 17'	8 ^h 31'	
F 25	20 12 14	2 ^h 27'21"	22 ^h 12'	29 ^h 20'	12 ^h 17'	7 ^h 26'	28 ^h 37'	14 ^h 2'	19 ^h 59'	11 ^h 31'	4 ^h 26'	19 ^h 33'	20 ^h 18'	14 ^h 23'	8 ^h 30'	
S 26	20 16 11	3 ^h 24'38"	4 ^h 57'	0 ^h 11'	13 ^h 30'	8 ^h 3'	28 ^h 42'	14 ^h 6'	19 ^h 57'	11 ^h 33'	4 ^h 26'	19 ^h 24'	20 ^h 15'	14 ^h 30'	8 ^h 29'	
S 27	20 20 7	4 ^h 21'56"	17 ^h 53'	0 ^h 58'	14 ^h 43'	8 ^h 40'	28 ^h 46'	14 ^h 9'	19 ^h 56'	11 ^h 35'	4 ^h 25'	19 ^h 18'	20 ^h 11'	14 ^h 37'	8 ^h 28'	
M28	20 24 4	5 ^h 19'15"	1 ^h 2'	1 ^h 41'	15 ^h 56'	9 ^h 17'	28 ^h 51'	14 ^h 13'	19 ^h 54'	11 ^h 37'	4 ^h 25'	19 ^h 15'	20 ^h 8'	14 ^h 43'	8 ^h 27'	
T 29	20 28 1	6 ^h 16'35"	14 ^h 23'	2 ^h 22'	17 ^h 9'	9 ^h 55'	28 ^h 55'	14 ^h 18'	19 ^h 53'	11 ^h 39'	4 ^h 24'	19 ^h D14	20 ^h 5'	14 ^h 50'	8 ^h 27'	
W30	20 31 57	7 ^h 13'56"	27 ^h 58'	2 ^h 58'	18 ^h 22'	10 ^h 32'	28 ^h 59'	14 ^h 22'	19 ^h 51'	11 ^h 42'	4 ^h 24'	19 ^h 14'	20 ^h 2'	14 ^h 57'	8 ^h 26'	
T 31	20 35 54	8 ^h 11'18"	11 ^h 49'	3 ^h 11'	19 ^h 36'	11 ^h 9'	29 ^h 2'	14 ^h 26'	19 ^h 50'	11 ^h 44'	4 ^h 23'	19 ^h R14	19 ^h 59'	15 ^h 3'	8 ^h 25'	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	23n 5	3n 3	1n34	22n45	1n53	21n16	1s 8	15n 4	1n13	8n52	1s15	2s48	2n30	23s13	0s 6	22n 6	0s54	13s13	16s22	8s35	8s24	18s16	6n 4	2n55
W 2	23 1	7 17	0 24	22 22	1 51	21 26	1 5	14 52	1 12	8 54	1 15	2 49	2 30	23 13	0 6	22 6	0 54	13 13	16 23	8 35	8 23	18 16	6 5	2 56
T 3	22 56	11 13	0s50	21 57	1 48	21 37	1 3	14 40	1 12	8 57	1 15	2 50	2 30	23 12	0 6	22 6	0 54	13 13	16 23	8 35	8 22	18 16	6 5	2 56
F 4	22 51	14 37	2 2	21 31	1 45	21 46	1 1	14 27	1 11	9 0	1 16	2 51	2 30	23 12	0 6	22 6	0 54	13 14	16 23	8 35	8 21	18 17	6 5	2 56
S 5	22 45	17 10	3 8	21 4	1 41	21 56	0 8	14 14	1 11	9 3	1 16	2 52	2 29	23 12	0 6	22 6	0 54	13 14	16 24	8 33	8 19	18 17	6 5	2 56
S 6	22 39	18 36	4 2	20 36	1 37	22 4	0 56	14 1	1 10	9 5	1 16	2 53	2 29	23 12	0 6	22 5	0 54	13 14	16 24	8 31	8 18	18 17	6 5	2 56
M 7	22 33	18 45	4 41	20 7	1 32	22 12	0 53	13 49	1 10	9 8	1 16	2 54	2 29	23 12	0 6	22 5	0 54	13 15	16 24	8 28	8 17	18 17	6 6	2 56
T 8	22 26	17 34	4 59	19 37	1 26	22 19	0 51	13 36	1 9	9 10	1 16	2 55	2 29	23 12	0 6	22 5	0 54	13 15	16 25	8 24	8 16	18 18	6 6	2 56
W 9	22 19	15 13	4 57	19 6	1 20	22 26	0 48	13 23	1 9	9 13	1 17	2 56	2 28	23 11	0 6	22 5	0 54	13 16	16 25	8 20	8 15	18 18	6 6	2 56
T 10	22 12	11 56	4 35	18 35	1 13	22 32	0 46	13 9	1 8	9 15	1 17	2 57	2 28	23 11	0 6	22 5	0 54	13 16	16 26	8 16	8 14	18 18	6 6	2 56
F 11	22 4	8 3	3 57	18 3	1 6	22 37	0 43	12 56	1 8	9 17	1 17	2 58	2 28	23 11	0 6	22 4	0 54	13 16	16 26	8 13	8 12	18 19	6 6	2 56
S 12	21 56	3 51	3 7	17 31	0 58	22 42	0 41	12 43	1 7	9 20	1 17	3 0	2 28	23 11	0 6	22 4	0 54	13 17	16 26	8 10	8 11	18 19	6 6	2 56
S 13	21 47	0s23	2 7	16 58	0 50	22 46	0 38	12 30	1 7	9 22	1 18	3 1	2 27	23 11	0 6	22 4	0 54	13 17	16 27	8 9	8 10	18 19	6 6	2 57
M14	21 38	4 29	1 3	16 25	0 42	22 50	0 36	12 16	1 6	9 24	1 18	3 2	2 27	23 11	0 6	22 4	0 54	13 18	16 27	8 9	8 9	18 19	6 6	2 57
T 15	21 29	8 16	0n 2	15 52	0 33	22 53	0 33	12 3	1 6	9 26	1 18	3 3	2 27	23 11	0 6	22 4	0 54	13 18	16 27	8 8	8 8	18 20	6 6	2 57
W16	21 19	11 37	1 6	15 19	0 24	22 55	0 30	11 49	1 5	9 28	1 18	3 5	2 27	23 11	0 6	22 4	0 54	13 18	16 28	8 8	8 6	18 20	6 6	2 57
T 17	21 9	14 26	2 6	14 46	0 14	22 56	0 28	11 35	1 5	9 30	1 19	3 6	2 26	23 10	0 6	22 3	0 54	13 19	16 28	8 8	8 5	18 20	6 6	2 57
F 18	20 59	16 37	3 0	14 13	0 4	22 57	0 25	11 22	1															

SWISS EPHEMERIS for the year 2070

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	20 39 50	9♌ 8'41	25♋57	3♍59	20♌49	11♍47	29♍6	14♌30	19♌49	11♌46	4♌23	19♌13	19♌56	15♌10	8♌24
S 2	20 43 47	10° 6'05	10♌19	4°23	22° 2	12°24	29° 9	14°35	19♌47	11°48	4♌22	19♌10	19°52	15°17	8♌23
S 3	20 47 43	11° 3'30	24°54	4°42	23°15	13° 1	29°12	14°39	19°46	11°50	4°22	19° 4	19°49	15°24	8°21
M 4	20 51 40	12° 0'57	9♌37	4°57	24°29	13°39	29°15	14°44	19°45	11°52	4°21	18°57	19°46	15°30	8°20
T 5	20 55 36	12°58'24	24°21	5° 7	25°42	14°16	29°18	14°48	19°44	11°54	4°20	18°47	19°43	15°37	8°19
W 6	20 59 33	13°55'53	8♌57	5°R12	26°55	14°54	29°21	14°53	19°43	11°56	4°20	18°37	19°40	15°44	8°18
T 7	21 3 30	14°53'22	23°19	5°12	28° 9	15°32	29°23	14°58	19°42	11°58	4°19	18°28	19°36	15°50	8°16
F 8	21 7 26	15°50'53	7♍21	5° 6	29°22	16° 9	29°26	15° 2	19°40	11°59	4°18	18°20	19°33	15°57	8°15
S 9	21 11 23	16°48'24	20°58	4°55	0♌36	16°47	29°28	15° 7	19°40	12° 1	4°17	18°15	19°30	16° 4	8°14
S 10	21 15 19	17°45'56	4♌10	4°39	1°49	17°25	29°29	15°12	19°39	12° 3	4°17	18°12	19°27	16°10	8°12
M11	21 19 16	18°43'29	16°58	4°18	3° 3	18° 2	29°31	15°17	19°38	12° 5	4°16	18°D11	19°24	16°17	8°11
T 12	21 23 12	19°41'03	29°26	3°51	4°16	18°40	29°33	15°22	19°37	12° 7	4°15	18°12	19°21	16°24	8° 9
W13	21 27 9	20°38'38	11♌36	3°19	5°30	19°18	29°34	15°27	19°36	12° 9	4°14	18°12	19°17	16°31	8° 8
T 14	21 31 5	21°36'14	23°35	2°43	6°44	19°56	29°35	15°33	19°35	12°11	4°14	18°R13	19°14	16°37	8° 6
F 15	21 35 2	22°33'51	5♌28	2° 2	7°57	20°34	29°36	15°38	19°35	12°13	4°13	18°12	19°11	16°44	8° 4
S 16	21 38 59	23°31'28	17°19	1°18	9°11	21°12	29°36	15°43	19°34	12°14	4°12	18° 9	19° 8	16°51	8° 3
S 17	21 42 55	24°29'07	29°13	0°30	10°25	21°50	29°37	15°49	19°33	12°16	4°11	18° 4	19° 5	16°57	8° 1
M18	21 46 52	25°26'47	11♌15	29♌40	11°39	22°27	29°37	15°54	19°33	12°18	4°10	17°57	19° 2	17° 4	7°59
T 19	21 50 48	26°24'28	23°27	28°49	12°52	23° 6	29°R37	16° 0	19°32	12°20	4° 9	17°48	18°58	17°11	7°57
W20	21 54 45	27°22'10	5♌51	27°58	14° 6	23°44	29°37	16° 5	19°32	12°21	4° 8	17°39	18°55	17°17	7°55
T 21	21 58 41	28°19'53	18°29	27° 6	15°20	24°22	29°37	16°11	19°32	12°23	4° 7	17°30	18°52	17°24	7°53
F 22	22 2 38	29°17'37	1♌21	26°17	16°34	25° 0	29°36	16°17	19°31	12°25	4° 6	17°23	18°49	17°31	7°51
S 23	22 6 34	0♍15'23	14°26	25°30	17°48	25°38	29°35	16°22	19°31	12°26	4° 6	17°17	18°46	17°38	7°49
S 24	22 10 31	1°13'11	27°44	24°47	19° 2	26°16	29°35	16°28	19°31	12°28	4° 5	17°13	18°42	17°44	7°47
M25	22 14 28	2°11'00	11♌13	24° 8	20°16	26°55	29°33	16°34	19°30	12°29	4° 4	17°D11	18°39	17°51	7°45
T 26	22 18 24	3° 8'50	24°53	23°34	21°30	27°33	29°32	16°40	19°30	12°31	4° 3	17°11	18°36	17°58	7°43
W27	22 22 21	4° 6'42	8♌42	23° 7	22°44	28°11	29°31	16°46	19°30	12°33	4° 2	17°12	18°33	18° 4	7°41
T 28	22 26 17	5° 4'37	22°40	22°47	23°58	28°50	29°29	16°52	19°D30	12°34	4° 1	17°14	18°30	18°11	7°39
F 29	22 30 14	6° 2'33	6♌46	22°34	25°12	29°28	29°27	16°58	19°30	12°36	4° 0	17°R14	18°27	18°18	7°37
S 30	22 34 10	7° 0'31	20°59	22°D29	26°26	0♌ 6	29°25	17° 4	19°30	12°37	3°59	17°13	18°23	18°24	7°35
S 31	22 38 7	7♍58'30	5♌17	22♌32	27♌40	0♌45	29♍22	17♌10	19♌30	12♌38	3♍58	17♌11	18♌20	18♌31	7♍32

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	17n58	16n17	3s 2	7n30	2s43	22n 0	0n11	8n 2	0n57	9n52	1s22	3s33	2n23	23s 9	0s 6	22n 1	0s54	13s26	16s33	7s31	7s47	18s24	6n 3	2n58
S 2	17 42 18	5 3 57	7 10	2 56	21 51	0 14	7 47	0 57	9 53	1 22	3 33	2 23	23 9	0 7	22 0	0 54	13 27	16 34	7 30	7 46	18 24	6 3	2 58	
S 3	17 27 18	4 37	6 51	3 8	21 42	0 16	7 32	0 56	9 54	1 23	3 35	2 23	23 8	0 7	22 0	0 54	13 27	16 34	7 28	7 45	18 24	6 3	2 58	
M 4	17 11 18	7 4 59	6 35	3 21	21 31	0 19	7 17	0 56	9 55	1 23	3 37	2 23	23 8	0 7	22 0	0 54	13 28	16 34	7 25	7 44	18 24	6 2	2 58	
T 5	16 55 16	7 5 2	6 20	3 32	21 21	0 21	7 2	0 55	9 55	1 23	3 39	2 22	23 8	0 7	22 0	0 54	13 28	16 34	7 21	7 42	18 25	6 2	2 59	
W 6	16 38 13	26 4 44	6 8	3 44	21 9	0 24	6 47	0 55	9 56	1 23	3 40	2 22	23 8	0 7	22 0	0 54	13 29	16 35	7 18	7 41	18 25	6 1	2 59	
T 7	16 22 9	4 9 5	5 58	3 55	20 57	0 26	6 32	0 54	9 57	1 24	3 42	2 22	23 8	0 7	22 0	0 54	13 29	16 35	7 14	7 40	18 25	6 1	2 59	
F 8	16 5 5 43	3 20 5	5 50	4 5	20 44	0 29	6 17	0 54	9 57	1 24	3 45	2 22	23 8	0 7	21 59	0 54	13 30	16 35	7 11	7 39	18 25	6 0	2 59	
S 9	15 47 1 26	2 20 5	5 45	4 14	20 31	0 31	6 2	0 53	9 58	1 24	3 47	2 22	23 8	0 7	21 59	0 54	13 30	16 36	7 9	7 38	18 25	6 0	2 59	
S 10	15 30 2s48	1 14 5	5 43	4 23	20 17	0 33	5 47	0 53	9 58	1 24	3 49	2 21	23 8	0 7	21 59	0 54	13 31	16 36	7 8	7 36	18 26	5 59	2 59	
M11	15 12 6 46	0 6 5	5 44	4 31	20 2	0 35	5 32	0 52	9 59	1 25	3 51	2 21	23 8	0 7	21 59	0 54	13 31	16 36	7 8	7 35	18 26	5 59	2 59	
T 12	14 54 10 20	1n 0	5 47	4 37	19 47	0 38	5 16	0 52	9 59	1 25	3 53	2 21	23 8	0 7	21 59	0 54	13 32	16 36	7 8	7 34	18 26	5 58	2 59	
W13	14 36 13 22	2 2 5	5 44	4 42	19 32	0 40	5 1	0 51	9 59	1 25	3 55	2 21	23 8	0 7	21 59	0 54	13 33	16 37	7 8	7 33	18 26	5 58	2 59	
T 14	14 18 15 47	2 58 6	6 3	4 46	19 16	0 42	4 46	0 51	9 59	1 25	3 57	2 21	23 8	0 7	21 58	0 54	13 33	16 37	7 8	7 32	18 26	5 57	2 59	
F 15	13 59 17 30	3 46 6	6 15	4 48	18 59	0 44	4 30	0 50	9 59	1 26	3 59	2 20	23 8	0 7	21 58	0 54	13 34	16 37	7 8	7 30	18 27	5 57	2 59	
S 16	13 40 18 27	4 23 6	6 31	4 49	18 42	0 46	4 15	0 50	9 59	1 26	4 2	2 20	23 8	0 7	21 58	0 54	13 34	16 38	7 7	7 29	18 27	5 56	2 59	
S 17	13 21 18 35	4 50 6	6 48	4 47	18 24	0 48	4 0	0 49	9 59	1 26	4 4	2 20	23 8	0 7	21 58	0 54	13 35	16 38	7 5	7 28	18 27	5 55	2 59	
M18	13 2 17 54	5 4 7	7 9	4 44	18 5	0 50	3 44	0 49	9 59	1 26	4 6	2 20	23 8	0 7	21 58	0 54	13 35	16 38	7 2	7 27	18 27	5 55	2 59	
T 19	12 42 16 23	5 5 7	7 31	4 39	17 46	0 52	3 29	0 48	9 59	1 27	4 8	2 20	23 8	0 7	21 58	0 54	13 36	16 38	6 59	7 26	18 27	5 54	2 59	
W20	12 23 14 6	4 51 7	7 55	4 32	17 27	0 54	3 13	0 48	9 59	1 27	4 11	2 20	23 7	0 7	21 57	0 54	13 37	16 39	6 55	7 24	18 27	5 53	2 59	
T 21	12 3 11 6	4 23 8	8 21	4 23	17 7	0 56	2 58	0 47	9 58	1 27	4 13	2 19	23 7	0 7	21 57	0 54	13 37	16 39	6 52	7 23	18 27	5 53	2 59	
F 22	11 43 7 32	3 41 8	8 47	4 13	16 47	0 58	2 42	0 47	9 58	1 27	4 15	2 19	23 7	0 7	21 57	0 54	13 38	16 39	6 49	7 22	18 28	5 52	2 59	
S 23	11 23 3 33	2 47 9	9 14	4 0	16 26	1 0	2 26	0 46	9 57	1 28	4 18	2 19	23 7	0 7	21 57	0 54	13 38	16 39	6 47	7 21	18 28	5 51	2 59	
S 24	11 2 0n41	1 43 9	9 42	3 47	16 5	1 1	2 11	0 45	9 57	1 28	4 20	2 19	23 7	0										

SWISS EPHEMERIS for the year 2070

SEPTEMBER 2070

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	22 42 3	8♍56'32	19♌36	22♌44	28♌55	1♌23	29♌20	17♌17	19♌30	12♌40	3♌56	17♌7	18♌17	18♌38	7♌30		
T 2	22 46 0	9♍54'36	3♌53	23° 4	0♍9	2° 2	29♌17	17°23	19°31	12°41	3♌55	17♌1	18°14	18°45	7♌28		
W 3	22 49 56	10°52'41	18° 3	23°32	1°23	2°41	29°14	17°29	19°31	12°43	3°54	16°56	18°11	18°51	7°25		
T 4	22 53 53	11°50'48	2♍1	24° 8	2°37	3°19	29°11	17°36	19°31	12°44	3°53	16°50	18° 8	18°58	7°23		
F 5	22 57 50	12°48'57	15°43	24°53	3°52	3°58	29° 8	17°42	19°32	12°45	3°52	16°46	18° 4	19° 5	7°21		
S 6	23 1 46	13°47'07	29° 7	25°45	5° 6	4°37	29° 5	17°49	19°32	12°47	3°51	16°43	18° 1	19°11	7°18		
S 7	23 5 43	14°45'19	12♌10	26°44	6°20	5°16	29° 1	17°55	19°32	12°48	3°50	16°D42	17°58	19°18	7°16		
M 8	23 9 39	15°43'33	24°53	27°51	7°35	5°54	28°57	18° 2	19°33	12°49	3°49	16°42	17°55	19°25	7°13		
T 9	23 13 36	16°41'48	7♍19	29° 4	8°49	6°33	28°53	18° 8	19°34	12°50	3°48	16°43	17°52	19°32	7°11		
W10	23 17 32	17°40'05	19°30	0♍23	10° 4	7°12	28°49	18°15	19°34	12°51	3°47	16°45	17°48	19°38	7° 8		
T 11	23 21 29	18°38'23	1♌29	1°47	11°18	7°51	28°44	18°21	19°35	12°53	3°45	16°47	17°45	19°45	7° 6		
F 12	23 25 25	19°36'43	13°23	3°17	12°33	8°30	28°40	18°28	19°36	12°54	3°44	16°48	17°42	19°52	7° 3		
S 13	23 29 22	20°35'05	25°15	4°50	13°47	9° 9	28°35	18°35	19°36	12°55	3°43	16°R48	17°39	19°58	7° 1		
S 14	23 33 19	21°33'28	7♌10	6°28	15° 2	9°48	28°30	18°42	19°37	12°56	3°42	16°47	17°36	20° 5	6°58		
M15	23 37 15	22°31'53	19°14	8° 9	16°16	10°27	28°25	18°48	19°38	12°57	3°41	16°45	17°33	20°12	6°56		
T 16	23 41 12	23°30'19	1♌29	9°52	17°31	11° 7	28°20	18°55	19°39	12°58	3°40	16°42	17°29	20°18	6°53		
W17	23 45 8	24°28'47	14° 0	11°38	18°45	11°46	28°14	19° 2	19°40	12°59	3°38	16°38	17°26	20°25	6°50		
T 18	23 49 5	25°27'16	26°48	13°26	20° 0	12°25	28° 9	19° 9	19°41	13° 0	3°37	16°35	17°23	20°32	6°48		
F 19	23 53 1	26°25'48	9♌54	15°15	21°15	13° 4	28° 3	19°16	19°42	13° 1	3°36	16°32	17°20	20°39	6°45		
S 20	23 56 58	27°24'21	23°19	17° 5	22°29	13°44	27°57	19°23	19°43	13° 2	3°35	16°30	17°17	20°45	6°42		
S 21	0 0 54	28°22'56	7♌0	18°56	23°44	14°23	27°51	19°30	19°44	13° 2	3°34	16°29	17°13	20°52	6°40		
M22	0 4 51	29°21'33	20°55	20°47	24°59	15° 3	27°45	19°37	19°46	13° 3	3°33	16°D29	17°10	20°59	6°37		
T 23	0 8 48	0♌20'12	5♌1	22°39	26°13	15°42	27°39	19°44	19°47	13° 4	3°31	16°29	17° 7	21° 5	6°34		
W24	0 12 44	1°18'53	19°14	24°30	27°28	16°21	27°33	19°51	19°48	13° 5	3°30	16°30	17° 4	21°12	6°32		
T 25	0 16 41	2°17'37	3♍31	26°21	28°43	17° 1	27°26	19°58	19°50	13° 5	3°29	16°31	17° 1	21°19	6°29		
F 26	0 20 37	3°16'23	17°48	28°12	29°58	17°41	27°19	20° 5	19°51	13° 6	3°28	16°32	16°58	21°26	6°26		
S 27	0 24 34	4°15'11	2♌2	0♌2	1♌12	18°20	27°12	20°12	19°53	13° 7	3°27	16°R33	16°54	21°32	6°24		
S 28	0 28 30	5°14'01	16°11	1°52	2°27	19° 0	27° 6	20°19	19°54	13° 7	3°25	16°32	16°51	21°39	6°21		
M29	0 32 27	6°12'54	0♌14	3°41	3°42	19°40	26°59	20°27	19°56	13° 8	3°24	16°32	16°48	21°46	6°18		
T 30	0 36 23	7°11'49	14♌7	5♌29	4♌57	20♌19	26°51	20°34	19°57	13° 9	3°23	16°31	16°45	21°52	6°15		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	8n13	16n53	5s10	12n34	1s26	12n59	1n13	0n 5	0n41	9n50	1s30	4s39	2n18	23s 7	0s 7	21n55	0s54	13s43	16s41	6s43	7s10	18s29	5n44	3n 0
T 2	7 51	14 27	4 57	12 45	1 8	12 34	1 14	0s11	0 41	9 49	1 30	4 42	2 18	23 7	0 7	21 55	0 54	13 44	16 41	6 41	7 9	18 29	5 43	3 0
W 3	7 29	11 11	4 26	12 52	0 51	12 9	1 15	0 27	0 40	9 47	1 30	4 44	2 18	23 7	0 7	21 55	0 54	13 45	16 41	6 39	7 8	18 29	5 42	3 0
T 4	7 7	7 20	3 40	12 57	0 33	11 43	1 16	0 43	0 40	9 46	1 30	4 47	2 18	23 7	0 7	21 55	0 54	13 45	16 41	6 37	7 6	18 29	5 41	3 0
F 5	6 45	3 9	2 41	12 58	0 17	11 17	1 17	0 59	0 39	9 45	1 31	4 50	2 17	23 8	0 7	21 55	0 54	13 46	16 42	6 35	7 5	18 29	5 40	3 0
S 6	6 22	1s 6	1 35	12 55	0 1	10 51	1 18	1 15	0 39	9 43	1 31	4 52	2 17	23 8	0 7	21 55	0 54	13 46	16 42	6 34	7 4	18 30	5 39	3 0
S 7	6 0	5 11	0 25	12 48	0n14	10 25	1 19	1 30	0 38	9 42	1 31	4 55	2 17	23 8	0 7	21 55	0 54	13 47	16 42	6 34	7 3	18 30	5 38	3 0
M 8	5 38	8 56	0n45	12 39	0 27	9 58	1 20	1 46	0 38	9 40	1 31	4 57	2 17	23 8	0 7	21 54	0 54	13 47	16 42	6 34	7 1	18 30	5 37	3 0
T 9	5 15	12 12	1 51	12 25	0 40	9 31	1 21	2 2	0 37	9 39	1 32	5 0	2 17	23 8	0 7	21 54	0 54	13 48	16 42	6 34	7 0	18 30	5 36	3 0
W10	4 52	14 52	2 50	12 8	0 52	9 3	1 22	2 18	0 36	9 37	1 32	5 2	2 17	23 8	0 7	21 54	0 54	13 48	16 42	6 35	6 59	18 30	5 35	3 0
T 11	4 30	16 50	3 41	11 48	1 2	8 36	1 22	2 34	0 36	9 35	1 32	5 5	2 17	23 8	0 7	21 54	0 54	13 49	16 42	6 35	6 58	18 30	5 34	3 0
F 12	4 7	18 3	4 23	11 25	1 12	8 8	1 23	2 50	0 35	9 34	1 32	5 8	2 17	23 8	0 7	21 54	0 54	13 50	16 42	6 36	6 57	18 30	5 33	3 0
S 13	3 44	18 28	4 52	10 59	1 20	7 40	1 24	3 6	0 35	9 32	1 32	5 10	2 17	23 8	0 7	21 54	0 55	13 50	16 43	6 36	6 55	18 30	5 32	3 0
S 14	3 21	18 5	5 10	10 29	1 27	7 11	1 24	3 21	0 34	9 30	1 32	5 13	2 16	23 8	0 7	21 54	0 55	13 51	16 43	6 35	6 54	18 30	5 31	3 0
M15	2 58	16 52	5 14	9 57	1 34	6 43	1 24	3 37	0 34	9 28	1 33	5 16	2 16	23 8	0 7	21 54	0 55	13 51	16 43	6 35	6 53	18 30	5 30	3 0
T 16	2 35	14 53	5 4	9 23	1 39	6 14	1 25	3 53	0 33	9 26	1 33	5 18	2 16	23 8	0 7	21 53	0 55	13 52	16 43	6 33	6 52	18 30	5 29	3 0
W17	2 12	12 9	4 39	8 47	1 43	5 45	1 25	4 9	0 33	9 24	1 33	5 21	2 16	23 8	0 7	21 53	0 55	13 52	16 43	6 32	6 51	18 30	5 28	3 0
T 18	1 48	8 48	4 1	8 8	1 46	5 16	1 25	4 25	0 32	9 22	1 33	5 24	2 16	23 8	0 7	21 53	0 55	13 53	16 43	6 31	6 49	18 30	5 27	3 0
F 19	1 25	4 57	3 8	7 28	1 48	4 47	1 25	4 40	0 32	9 19	1 33	5 26	2 16	23 8	0 7	21 53	0 55	13 53	16 43	6 30	6 48	18 31	5 26	2 59
S 20	1 2	0 45	2 4	6 47	1 50	4 17	1 25	4 56	0 31	9 17	1 33	5 29	2 16	23 8	0 7	21 53	0 55	13 54	16 43	6 29	6 47	18 31	5 24	2 59
S 21	0 39	3n34	0 52	6 4	1 50	3 48	1 25	5 12	0 31	9 15	1 34	5 32	2 16	23 9	0 7	21 53	0 55	13 54	16 43	6 29	6 46	18 31	5 23	2 59
M22	0 15	7 47	0s25	5 20	1 50	3 18	1 25	5 28	0 30	9 13	1 34	5 34	2 16	23 9	0 7	21 53	0 55	13 55	16 43	6 28	6 44	18 31	5 22	2 59
T 23	0s 8	11 36	1 41	4 35	1 49	2 48	1 25	5 43	0 29	9 10	1 34	5 37	2 16	23 9	0 7	21 53	0 55	13 55	16 43	6 29	6 43	18 31	5 21	2 59
W24	0 31	14 47	2 51	3 50	1 48	2 18	1 25	5 59	0 29	9 8	1 34	5 40	2 16	23 9	0 7	21 53	0 55	13 56	16 43	6 29	6 42	18 31	5 20	2 59
T 25	0 55	17 3	3 52	3 4	1 46	1 49	1 25	6 15	0 28	9 5	1 34	5 43	2 16	23 9	0 7	21 53	0 55	13 56	16 43	6 30	6 41	18 31	5 19	2 59
F 26	1 18	18 15	4 38	2 17	1 43	1 18	1 24	6 30	0 28	9 3	1 34	5 45	2 16	23 9	0 7	21 52	0 55	13 57	16 43	6 30	6 40	18 31	5 18	2 59
S 27	1 41	18 18	5 7	1 31	1 40	0 48	1 24	6 46	0 27	9 0	1 34	5 48	2 16	23 9	0 7	21 52	0 55	13 57	16 43	6 30	6 38	18 31	5 17	2 59
S 28	2 5	17 12	5 17	0 44	1 36	0 18	1 24	7 2	0 27	8 58	1 34	5 51	2 15	23 9	0 7	21 52	0 55	13 58	16 43	6 30	6 37	18 31	5 16	2 59
M29	2 28	15 5	5 8	0s 3	1 32	0s12	1 23	7 17	0 26	8 55	1 35	5 53	2 15	23 9	0 7	21 52	0 55	13 58	16 43	6 30	6 36	18 31	5 14	2 59
T 30	2s51	12n 6	4s41	0s50	1n28	0s42	1n23																	

SWISS EPHEMERIS for the year 2070

OCTOBER 2070

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Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♆	♁	♁	♁	♁	♁
W 1	0 40 20	8♁10'46	27♂50	7♁17	6♁12	20♁59	26♂R44	20♁41	19♁59	13♁9	3♂R22	16♂R30	16♁42	21♁59	6♂R13
T 2	0 44 16	9° 9'45	11♂20	9° 4	7°27	21°39	26♂V37	20°48	20° 1	13°10	3♂V21	16♁29	16°39	22° 6	6♂V10
F 3	0 48 13	10° 8'47	24°37	10°50	8°41	22°19	26°29	20°55	20° 2	13°10	3°19	16°28	16°35	22°12	6° 7
S 4	0 52 10	11° 7'50	7♁39	12°35	9°56	22°59	26°22	21° 3	20° 4	13°10	3°18	16°28	16°32	22°19	6° 5
S 5	0 56 6	12° 6'56	20°27	14°19	11°11	23°39	26°14	21°10	20° 6	13°11	3°17	16°D28	16°29	22°26	6° 2
M 6	1 0 3	13° 6'04	2♁59	16° 3	12°26	24°19	26° 7	21°17	20° 8	13°11	3°16	16°28	16°26	22°33	5°59
T 7	1 3 59	14° 5'13	15°19	17°46	13°41	24°59	25°59	21°24	20°10	13°12	3°15	16°28	16°23	22°39	5°56
W 8	1 7 56	15° 4'25	27°26	19°28	14°56	25°39	25°51	21°32	20°12	13°12	3°14	16°28	16°19	22°46	5°54
T 9	1 11 52	16° 3'38	9♁25	21° 9	16°11	26°20	25°43	21°39	20°14	13°12	3°12	16°R28	16°16	22°53	5°51
F 10	1 15 49	17° 2'53	21°18	22°49	17°26	27° 0	25°35	21°46	20°16	13°12	3°11	16°28	16°13	22°59	5°48
S 11	1 19 45	18° 2'11	3♁9	24°29	18°41	27°40	25°27	21°54	20°18	13°13	3°10	16°28	16°10	23° 6	5°46
S 12	1 23 42	19° 1'29	15° 4	26° 7	19°56	28°20	25°19	22° 1	20°20	13°13	3° 9	16°D28	16° 7	23°13	5°43
M13	1 27 39	20° 0'50	27° 5	27°45	21°11	29° 1	25°11	22° 8	20°22	13°13	3° 8	16°28	16° 4	23°20	5°41
T 14	1 31 35	21° 0'12	9♁19	29°23	22°26	29°41	25° 3	22°16	20°25	13°13	3° 7	16°28	16° 0	23°26	5°38
W15	1 35 32	21°59'37	21°49	0♁59	23°41	0♁22	24°55	22°23	20°27	13°13	3° 6	16°29	15°57	23°33	5°35
T 16	1 39 28	22°59'02	4♁40	2°35	24°56	1° 2	24°47	22°30	20°29	13°R13	3° 4	16°29	15°54	23°40	5°33
F 17	1 43 25	23°58'30	17°52	4°11	26°11	1°43	24°39	22°38	20°32	13°13	3° 3	16°30	15°51	23°46	5°30
S 18	1 47 21	24°58'00	1°V28	5°45	27°26	2°23	24°31	22°45	20°34	13°13	3° 2	16°31	15°48	23°53	5°28
S 19	1 51 18	25°57'31	15°27	7°19	28°41	3° 4	24°23	22°52	20°36	13°13	3° 1	16°R31	15°44	24° 0	5°25
M20	1 55 14	26°57'04	29°46	8°52	29°56	3°45	24°14	22°59	20°39	13°13	3° 0	16°31	15°41	24° 7	5°23
T 21	1 59 11	27°56'40	14♁19	10°25	1♁11	4°25	24° 6	23° 7	20°41	13°13	2°59	16°30	15°38	24°13	5°20
W22	2 3 8	28°56'17	29° 1	11°57	2°26	5° 6	23°58	23°14	20°44	13°12	2°58	16°29	15°35	24°20	5°18
T 23	2 7 4	29°55'57	13♁45	13°29	3°41	5°47	23°50	23°21	20°47	13°12	2°57	16°27	15°32	24°27	5°16
F 24	2 11 1	0♁55'39	28°23	15° 0	4°56	6°28	23°42	23°29	20°49	13°12	2°56	16°25	15°29	24°33	5°13
S 25	2 14 57	1°55'23	12♁51	16°30	6°12	7° 9	23°34	23°36	20°52	13°12	2°55	16°24	15°25	24°40	5°11
S 26	2 18 54	2°55'10	27° 4	18° 0	7°27	7°50	23°26	23°43	20°55	13°11	2°54	16°D23	15°22	24°47	5° 8
M27	2 22 50	3°54'59	11♁1	19°29	8°42	8°31	23°19	23°50	20°57	13°11	2°53	16°23	15°19	24°54	5° 6
T 28	2 26 47	4°54'50	24°40	20°58	9°57	9°12	23°11	23°58	21° 0	13°11	2°52	16°24	15°16	25° 0	5° 4
W29	2 30 43	5°54'43	8♁3	22°26	11°12	9°53	23° 3	24° 5	21° 3	13°10	2°51	16°25	15°13	25° 7	5° 2
T 30	2 34 40	6°54'38	21°10	23°53	12°27	10°34	22°55	24°12	21° 6	13°10	2°50	16°27	15°10	25°14	4°59
F 31	2 38 37	7♁54'35	4♁3	25♁20	13♁42	11♁15	22°V48	24♁19	21♁9	13♁9	2°V49	16♁28	15♁6	25♁20	4°V57

Day	☉	☽	♀	♁	♂	♄	♃	♅	♆	♁	♁	♁	♁	♁	♁										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat										
W 1	3s15	8n30	3s58	1s37	1n23	1s12	1n22	7s48	0n25	8n50	1s35	5s59	2n15	23s10	0s 7	21n52	0s55	13s59	16s43	6s29	6s32	18s31	5n12	2n59	
T 2	3 38	4 29	3 3	2 24	1 18	1 42	1 21	8 3	0 24	8 47	1 35	6 2	2 15	23 10	0	7 21	52	0 55	13 59	16 43	6 29	6 32	18 31	5 11	2 59
F 3	4 1	0 20	1 58	3 10	1 12	2 13	1 20	8 19	0 24	8 44	1 35	6 4	2 15	23 10	0	7 21	52	0 55	14 0	16 43	6 28	6 31	18 31	5 10	2 59
S 4	4 24	3s47	0 49	3 57	1 7	2 43	1 20	8 34	0 23	8 42	1 35	6 7	2 15	23 10	0	7 21	52	0 55	14 0	16 43	6 28	6 30	18 31	5 9	2 59
S 5	4 47	7 39	0n22	4 42	1 1	3 13	1 19	8 49	0 23	8 39	1 35	6 10	2 15	23 10	0	7 21	52	0 55	14 1	16 43	6 28	6 29	18 31	5 7	2 58
M 6	5 10	11 5	1 30	5 28	0 55	3 43	1 18	9 5	0 22	8 36	1 35	6 12	2 15	23 10	0	7 21	52	0 55	14 1	16 43	6 28	6 27	18 31	5 6	2 58
T 7	5 33	13 58	2 33	6 13	0 49	4 13	1 17	9 20	0 22	8 33	1 35	6 15	2 15	23 11	0	7 21	52	0 55	14 2	16 43	6 28	6 26	18 31	5 5	2 58
W 8	5 56	16 12	3 28	6 57	0 42	4 43	1 16	9 35	0 21	8 30	1 35	6 18	2 15	23 11	0	7 21	52	0 55	14 2	16 43	6 28	6 25	18 31	5 4	2 58
T 9	6 19	17 40	4 13	7 41	0 36	5 13	1 15	9 50	0 21	8 27	1 35	6 21	2 15	23 11	0	7 21	52	0 55	14 2	16 43	6 28	6 24	18 31	5 3	2 58
F 10	6 42	18 22	4 47	8 25	0 29	5 43	1 14	10 5	0 20	8 25	1 35	6 23	2 15	23 11	0	7 21	52	0 55	14 3	16 43	6 28	6 23	18 31	5 2	2 58
S 11	7 4	18 15	5 9	9 8	0 23	6 12	1 12	10 20	0 19	8 22	1 35	6 26	2 15	23 11	0	7 21	52	0 55	14 3	16 43	6 28	6 21	18 31	5 1	2 58
S 12	7 27	17 19	5 17	9 50	0 16	6 42	1 11	10 35	0 19	8 19	1 35	6 29	2 15	23 11	0	7 21	51	0 55	14 4	16 43	6 28	6 20	18 31	4 59	2 58
M13	7 49	15 38	5 12	10 32	0 9	7 11	1 10	10 50	0 18	8 16	1 35	6 32	2 15	23 11	0	7 21	51	0 55	14 4	16 43	6 28	6 19	18 31	4 58	2 58
T 14	8 12	13 12	4 53	11 13	0 2	7 40	1 8	11 5	0 18	8 13	1 35	6 34	2 15	23 12	0	7 21	51	0 55	14 4	16 42	6 28	6 18	18 31	4 57	2 58
W15	8 34	10 8	4 19	11 53	0s 5	8 9	1 7	11 19	0 17	8 10	1 35	6 37	2 15	23 12	0	7 21	51	0 55	14 5	16 42	6 29	6 16	18 31	4 56	2 57
T 16	8 56	6 30	3 32	12 33	0 11	8 38	1 5	11 34	0 17	8 7	1 35	6 40	2 15	23 12	0	7 21	51	0 55	14 5	16 42	6 29	6 15	18 31	4 55	2 57
F 17	9 18	2 27	2 32	13 12	0 18	9 7	1 4	11 49	0 16	8 4	1 35	6 42	2 15	23 12	0	7 21	51	0 55	14 5	16 42	6 29	6 14	18 31	4 54	2 57
S 18	9 40	1n51	1 22	13 50	0 25	9 35	1 2	12 3	0 15	8 1	1 35	6 45	2 15	23 12	0	7 21	51	0 55	14 6	16 42	6 29	6 13	18 31	4 53	2 57
S 19	10 1	6 10	0 6	14 27	0 32	10 4	1 1	12 18	0 15	7 58	1 35	6 48	2 15	23 13	0	7 21	51	0 55	14 6	16 42	6 29	6 12	18 31	4 52	2 57
M20	10 23	10 15	1s13	15 4	0 39	10 32	0 59	12 32	0 14	7 55	1 35	6 50	2 15	23 13	0	7 21	51	0 55	14 6	16 42	6 29	6 10	18 31	4 51	2 57
T 21	10 44	13 46	2 28	15 40	0 46	10 59	0 57	12 46	0 14	7 53	1 35	6 53	2 15	23 13	0	7 21	51	0 55	14 6	16 42	6 29	6 9	18 31	4 49	2 57
W22	11 6	16 27	3 34	16 15	0 53	11 27	0 55	13 1	0 13	7 50	1 35	6 56	2 15	23 13	0	7 21	51	0 55	14 7	16 41	6 29	6 8	18 31	4 48	2 57
T 23	11 27	18 2	4 26	16 49	0 59	11 54	0 53	13 15	0 13	7 47	1 35	6 58	2 15	23 13	0	7 21	51	0 55	14 7	16 41	6 28	6 7	18 31	4 47	2 56
F 24	11 47	18 24	5 1	17 22	1 6	12 21	0 52	13 29	0 12	7 44	1 35	7 1	2 15	23 13	0	7 21	51	0 55	14 7	16 41	6 27	6 5	18 31	4 46	2 56
S 25	12 8	17 34	5 15	17 55	1 12	12 48	0 50	13 43	0 11	7 41	1 34	7 4	2 15	23 14	0	7 21	51	0 55	14 7	16 41	6 27	6 4	18 31	4 45	2 56
S 26	12 29	15 39	5 11	18 27	1 19	13 14	0 48	13 56	0 11	7 38	1 34	7 6	2 15	23 14	0	7 21	51	0 55	14 8	16 41	6 26	6 3	18 31	4 44	2 56
M27	12 49	12 51	4 47	18 57	1 25	13 40	0 46	14 10	0 10	7 35	1 34	7 9	2 15	23 14	0	7 21	51	0 55	14 8	16 41	6 26	6 2	18 31	4 43	2 56
T 28	13 9	9 23	4 8	19 27	1 31	14 6	0 44	14 24	0 10	7 33	1 34	7 12	2 15	23 14	0	7 21	51	0 55	14 8	16 40	6 27	6 1	18 30	4 42	2 56
W29	13 29	5 31	3 16</																						

SWISS EPHEMERIS for the year 2070

NOVEMBER 2070

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	2 42 33	8♁54'35	16♁43	26♁46	14♁57	11♁57	22°R40	24♁26	21♁12	13°R 9	2°R48	16°R29	15♁ 3	25♁27	4°R55
S 2	2 46 30	9°54'36	29°12	28°11	16°13	12°38	22°V33	24°34	21°15	13♁ 8	2°V47	16♁28	15° 0	25°34	4°V53
M 3	2 50 26	10°54'40	11♁31	29°36	17°28	13°19	22°26	24°41	21°17	13° 8	2°46	16°26	14°57	25°41	4°51
T 4	2 54 23	11°54'45	23°41	1♁ 0	18°43	14° 1	22°18	24°48	21°20	13° 7	2°45	16°23	14°54	25°47	4°49
W 5	2 58 19	12°54'52	5♁42	2°23	19°58	14°42	22°11	24°55	21°24	13° 6	2°44	16°19	14°50	25°54	4°47
T 6	3 2 16	13°55'01	17°38	3°45	21°13	15°24	22° 4	25° 2	21°27	13° 6	2°44	16°14	14°47	26° 1	4°45
F 7	3 6 12	14°55'12	29°30	5° 7	22°28	16° 5	21°57	25° 9	21°30	13° 5	2°43	16° 9	14°44	26° 7	4°43
S 8	3 10 9	15°55'24	11♁21	6°27	23°44	16°47	21°51	25°16	21°33	13° 4	2°42	16° 4	14°41	26°14	4°41
S 9	3 14 6	16°55'38	23°14	7°46	24°59	17°28	21°44	25°23	21°36	13° 3	2°41	16° 0	14°38	26°21	4°39
M10	3 18 2	17°55'53	5♁13	9° 4	26°14	18°10	21°37	25°30	21°39	13° 3	2°40	15°58	14°35	26°28	4°37
T 11	3 21 59	18°56'10	17°22	10°21	27°29	18°52	21°31	25°37	21°42	13° 2	2°40	15°D57	14°31	26°34	4°36
W12	3 25 55	19°56'28	29°47	11°36	28°44	19°34	21°25	25°44	21°46	13° 1	2°39	15°57	14°28	26°41	4°34
T 13	3 29 52	20°56'47	12♁32	12°49	29°59	20°15	21°19	25°51	21°49	13° 0	2°38	15°59	14°25	26°48	4°32
F 14	3 33 48	21°57'08	25°41	14° 0	1♁15	20°57	21°13	25°58	21°52	12°59	2°37	16° 0	14°22	26°54	4°31
S 15	3 37 45	22°57'31	9°V16	15°10	2°30	21°39	21° 7	26° 4	21°55	12°58	2°37	16°R 1	14°19	27° 1	4°29
S 16	3 41 41	23°57'54	23°20	16°16	3°45	22°21	21° 1	26°11	21°59	12°57	2°36	16° 1	14°16	27° 8	4°28
M17	3 45 38	24°58'20	7♁49	17°20	5° 0	23° 3	20°56	26°18	22° 2	12°56	2°35	16° 0	14°12	27°15	4°26
T 18	3 49 34	25°58'46	22°40	18°21	6°15	23°45	20°51	26°25	22° 5	12°55	2°35	15°56	14° 9	27°21	4°25
W19	3 53 31	26°59'15	7♁46	19°18	7°31	24°27	20°46	26°31	22° 9	12°54	2°34	15°51	14° 6	27°28	4°23
T 20	3 57 28	27°59'45	22°55	20°12	8°46	25°10	20°41	26°38	22°12	12°53	2°34	15°44	14° 3	27°35	4°22
F 21	4 1 24	29° 0'16	7♁59	21° 1	10° 1	25°52	20°36	26°45	22°16	12°52	2°33	15°38	14° 0	27°41	4°21
S 22	4 5 21	0♁ 0'50	22°48	21°44	11°16	26°34	20°31	26°51	22°19	12°51	2°32	15°32	13°56	27°48	4°19
S 23	4 9 17	1° 1'25	7♁16	22°22	12°31	27°16	20°27	26°58	22°22	12°50	2°32	15°27	13°53	27°55	4°18
M24	4 13 14	2° 2'02	21°19	22°54	13°46	27°59	20°23	27° 4	22°26	12°49	2°31	15°25	13°50	28° 2	4°17
T 25	4 17 10	3° 2'40	4♁57	23°18	15° 2	28°41	20°19	27°10	22°29	12°47	2°31	15°D24	13°47	28° 8	4°16
W26	4 21 7	4° 3'20	18°12	23°35	16°17	29°24	20°15	27°17	22°33	12°46	2°30	15°25	13°44	28°15	4°15
T 27	4 25 3	5° 4'02	1♁ 6	23°R43	17°32	0♁ 6	20°11	27°23	22°36	12°45	2°30	15°26	13°41	28°22	4°14
F 28	4 29 0	6° 4'45	13°44	23°41	18°47	0°49	20° 7	27°29	22°40	12°44	2°29	15°R27	13°37	28°28	4°13
S 29	4 32 57	7° 5'30	26° 8	23°29	20° 2	1°31	20° 4	27°36	22°43	12°42	2°29	15°27	13°34	28°35	4°12
S 30	4 36 53	8♁ 6'17	8♁21	23♁ 6	21♁18	2♁14	20°V 1	27♁42	22♁47	12♁41	2°V29	15♁24	13♁31	28♁42	4°V11

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	14s28	6s33	0n 1	21s16	1s54	15s45	0n35	15s18	0n 7	7n22	1s34	7s22	2n16	23s15	0s 7	21n51	0s56	14s 9	16s40	6s29	5s56	18s30	4n38	2n55
S 2	14 47 10	6 1 10	21 41	1 59 16	9 0 33	15 31	0 7 7	19 1 33	7 24 2	16 23 15	0 7 21	51 0 56	14 9 16	39 6 28	5 54 18	30 4 37	2 55							
M 3	15 6 13	10 2 13	22 5	2 4 16	32 0 31	15 44	0 6 7	17 1 33	7 27 2	16 23 15	0 7 21	52 0 56	14 9 16	39 6 28	5 53 18	30 4 36	2 55							
T 4	15 24 15	37 3 10	22 27	2 9 16	55 0 29	15 57	0 6 7	14 1 33	7 29 2	16 23 16	0 7 21	52 0 56	14 9 16	39 6 26	5 52 18	30 4 35	2 55							
W 5	15 42 17	20 3 58	22 49	2 13 17	18 0 26	16 10	0 5 7	12 1 33	7 32 2	16 23 16	0 7 21	52 0 56	14 10 16	39 6 25	5 51 18	30 4 34	2 54							
T 6	16 0 18	18 4 35	23 9	2 18 17	40 0 24	16 22	0 4 7	9 1 33	7 34 2	16 23 16	0 7 21	52 0 56	14 10 16	38 6 23	5 49 18	30 4 33	2 54							
F 7	16 18 18	26 4 59	23 28	2 22 18	2 0 22	16 35	0 4 7	7 1 33	7 37 2	16 23 16	0 7 21	52 0 56	14 10 16	38 6 21	5 48 18	30 4 32	2 54							
S 8	16 36 17	46 5 11	23 46	2 25 18	23 0 19	16 47	0 3 7	5 1 32	7 39 2	16 23 16	0 7 21	52 0 56	14 10 16	38 6 19	5 47 18	30 4 31	2 54							
S 9	16 53 16	20 5 10	24 2	2 29 18	44 0 17	17 0	0 3 7	2 1 32	7 42 2	16 23 17	0 7 21	52 0 56	14 10 16	38 6 18	5 46 18	30 4 30	2 54							
M10	17 10 14	11 4 55	24 18	2 32 19	4 0 15	17 12	0 2 7	0 1 32	7 44 2	16 23 17	0 7 21	52 0 56	14 10 16	37 6 17	5 45 18	29 4 30	2 54							
T 11	17 27 11	23 4 27	24 32	2 34 19	23 0 12	17 24	0 2 6	58 1 32	7 47 2	16 23 17	0 7 21	52 0 56	14 10 16	37 6 16	5 43 18	29 4 29	2 53							
W12	17 43 8	1 3 46	24 44	2 36 19	42 0 10	17 36	0 1 6	56 1 32	7 49 2	16 23 17	0 7 21	52 0 56	14 10 16	37 6 16	5 42 18	29 4 28	2 53							
T 13	17 59 4	12 2 52	24 56	2 38 20	1 0 8	17 48	0 0 6	54 1 31	7 52 2	17 23 17	0 7 21	52 0 56	14 10 16	37 6 17	5 41 18	29 4 27	2 53							
F 14	18 15 0	3 1 49	25 6	2 39 20	19 0 5	17 59	0s 0	6 52 1 31	7 54 2	17 23 18	0 7 21	52 0 56	14 10 16	36 6 18	5 40 18	29 4 26	2 53							
S 15	18 30 4n14	0 37 25	14 2 39	20 36 0	3 18 11	0 1 6	50 1 31	7 56 2	17 23 18	0 7 21	52 0 56	14 10 16	36 6 18	5 38 18	29 4 25	2 53								
S 16	18 45 8 27	0s40	25 21 2 39	20 53 0	0 18 22	0 1 6	48 1 31	7 59 2	17 23 18	0 7 21	52 0 56	14 10 16	36 6 18	5 37 18	29 4 25	2 52								
M17	19 0 12 17	1 56 25	27 2 38	21 9 0s 2	18 34 0	2 6 46	1 30 8	1 2 17	23 18 0	7 21	52 0 56	14 10 16	36 6 17	5 36 18	29 4 24	2 52								
T 18	19 14 15 26	3 6 25	31 2 37	21 25 0	5 18 45	0 3 6	44 1 30 8	3 2 17	23 18 0	7 21	52 0 56	14 10 16	35 6 16	5 35 18	29 4 23	2 52								
W19	19 29 17 35	4 4 25	34 2 34	21 40 0	7 18 56	0 3 6	43 1 30 8	6 2 17	23 19 0	7 21	53 0 56	14 10 16	35 6 14	5 33 18	28 4 22	2 52								
T 20	19 42 18 30	4 45 25	35 2 31	21 55 0	10 19 6	0 4 6	41 1 30 8	8 2 17	23 19 0	7 21	53 0 56	14 10 16	35 6 11	5 32 18	28 4 22	2 52								
F 21	19 56 18 6	5 6 25	34 2 27	22 8 0	12 19 17	0 4 6	39 1 29 8	10 2 17	23 19 0	7 21	53 0 56	14 10 16	34 6 9	5 31 18	28 4 21	2 51								
S 22	20 9 16 28	5 6 25	32 2 22	22 21 0	14 19 28	0 5 6	38 1 29 8	12 2 18	23 19 0	7 21	53 0 56	14 10 16	34 6 7	5 30 18	28 4 20	2 51								
S 23	20 21 13 49	4 47 25	28 2 16	22 34 0	17 19 38	0 6 6	37 1 29 8	15 2 18	23 19 0	7 21	53 0 56	14 10 16	34 6 5	5 29 18	28 4 20	2 51								
M24	20 34 10 26	4 11 25	23 2 9	22 46 0	19 19 48	0 6 6	35 1 29 8	17 2 18	23 20 0	7 21	53 0 56	14 10 16	33 6 4	5 27 18	28 4 19	2 51								
T 25	20 45 6 34	3 21 25	15 2 0	22 57 0	22 19 58	0 7 6	34 1 28 8	19 2 18	23 20 0	7 21	53 0 56	14 10 16	33 6 4	5 26 18	28 4 18	2 51								
W26	20 57 2 29	2 22 25	6 1 50	23 7 0	24 20 8	0 7 6	33 1 28 8	21 2 18	23 20 0	7 21	53 0 56	14 10 16	33 6 4	5 25 18	27 4 18	2 50								
T 27	21 8 1s37	1 17 24	55 1 39	23 17 0	27 20 18	0 8 6	32 1 28 8	23 2 18	23 20 0	7 21	53 0 56	14 10 16	33 6 5	5 24 18	27 4 17	2 50								
F 28	21 19 5 33	0 9 24	42 1 26	23 26 0	29 20 27	0 9 6	31 1 28 8	25 2 18	23 21 0	7 21	53 0 56	14 10 16	32 6 5	5 22 18	27 4 16	2 50								
S 29	21 29 9 12	0n57	24 28 1 12	23 34 0	31 20 36	0 9 6	30 1 27 8	27 2 19	23 21 0	7 21	54 0 56	14 9 16	32 6 5	5 21 18	27 4 16	2 50								
S 30	21s39	12s23	2n 0	24s11	0s56	23s42	0s34	20s46	0s10	6n29	1s27	8s29	2n19	23s21	0s 7	21n54	0s56	14s 9	16s32	6s 4	5s20	18s27	4n15	2n50

Julian Day Number = 2477416.5, Delta T = 159.02 sec
 Ecliptic obliquity = 23°25'39", Nutation = 0°00'03"
 Ayanamsha: Fagan/Bradley = 25°43'48", Lahiri = 24°50'48"

SWISS EPHEMERIS for the year 2070

DECEMBER 2070

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁	♁
M 1	4 40 50	9♁7 0'04	20♏27	22♁R32	22♁R33	2♁57	19°R58	27♁48	22♁51	12°R40	2°R28	15°R18	13♁28	28♁49	4°R10	
T 2	4 44 46	10° 7'53	2♁27	21♁48	23°48	3°40	19°V56	27°54	22°54	12♁38	2°V28	15♁10	13°25	28°55	4°V 9	
W 3	4 48 43	11° 8'44	14°23	20°53	25° 3	4°22	19°53	28° 0	22°58	12°37	2°28	15° 0	13°22	29° 2	4° 9	
T 4	4 52 39	12° 9'35	26°15	19°48	26°18	5° 5	19°51	28° 6	23° 1	12°35	2°27	14°49	13°18	29° 9	4° 8	
F 5	4 56 36	13°10'28	8♁ 7	18°35	27°34	5°48	19°49	28°12	23° 5	12°34	2°27	14°37	13°15	29°16	4° 8	
S 6	5 0 33	14°11'21	19°58	17°17	28°49	6°31	19°47	28°18	23° 9	12°33	2°27	14°25	13°12	29°22	4° 7	
S 7	5 4 29	15°12'16	1♁52	15°54	0♁ 4	7°14	19°45	28°24	23°12	12°31	2°27	14°15	13° 9	29°29	4° 7	
M 8	5 8 26	16°13'11	13°52	14°32	1°19	7°57	19°44	28°29	23°16	12°30	2°26	14° 8	13° 6	29°36	4° 6	
T 9	5 12 22	17°14'07	25°59	13°11	2°34	8°40	19°42	28°35	23°19	12°28	2°26	14° 3	13° 2	29°42	4° 6	
W10	5 16 19	18°15'04	8♁20	11°55	3°49	9°23	19°41	28°40	23°23	12°27	2°26	14° 1	12°59	29°49	4° 5	
T 11	5 20 15	19°16'01	20°58	10°46	5° 5	10° 7	19°41	28°46	23°27	12°25	2°26	14°D 0	12°56	29°56	4° 5	
F 12	5 24 12	20°16'59	3°V58	9°46	6°20	10°50	19°40	28°51	23°30	12°24	2°26	14° 1	12°53	0♁ 3	4° 5	
S 13	5 28 8	21°17'58	17°24	8°56	7°35	11°33	19°40	28°57	23°34	12°22	2°26	14°R 1	12°50	0° 9	4° 5	
S 14	5 32 5	22°18'57	1♁19	8°17	8°50	12°16	19°D39	29° 2	23°38	12°20	2°26	14° 0	12°47	0°16	4° 5	
M15	5 36 2	23°19'56	15°43	7°49	10° 5	13° 0	19°39	29° 7	23°41	12°19	2°26	13°56	12°43	0°23	4°D 5	
T 16	5 39 58	24°20'57	0♁34	7°32	11°20	13°43	19°40	29°13	23°45	12°17	2°D26	13°50	12°40	0°29	4° 5	
W17	5 43 55	25°21'57	15°45	7°D26	12°35	14°27	19°40	29°18	23°49	12°16	2°26	13°41	12°37	0°36	4° 5	
T 18	5 47 51	26°22'59	1♁ 7	7°30	13°50	15°10	19°41	29°23	23°52	12°14	2°26	13°30	12°34	0°43	4° 5	
F 19	5 51 48	27°24'01	16°28	7°44	15° 6	15°54	19°42	29°28	23°56	12°13	2°26	13°19	12°31	0°50	4° 5	
S 20	5 55 44	28°25'04	1♁35	8° 6	16°21	16°37	19°43	29°33	24° 0	12°11	2°26	13° 9	12°28	0°56	4° 5	
S 21	5 59 41	29°26'08	16°21	8°35	17°36	17°21	19°44	29°38	24° 3	12° 9	2°26	13° 1	12°24	1° 3	4° 6	
M22	6 3 37	0♁27'12	0♁38	9°12	18°51	18° 5	19°45	29°42	24° 7	12° 8	2°26	12°55	12°21	1°10	4° 6	
T 23	6 7 34	1°28'17	14°26	9°55	20° 6	18°48	19°47	29°47	24°10	12° 6	2°26	12°52	12°18	1°17	4° 6	
W24	6 11 31	2°29'23	27°44	10°43	21°21	19°32	19°49	29°52	24°14	12° 4	2°26	12°51	12°15	1°23	4° 7	
T 25	6 15 27	3°30'30	10♁38	11°36	22°36	20°16	19°51	29°56	24°18	12° 3	2°26	12°51	12°12	1°30	4° 7	
F 26	6 19 24	4°31'37	23°10	12°33	23°51	21° 0	19°53	0♁ 1	24°21	12° 1	2°27	12°51	12° 8	1°37	4° 8	
S 27	6 23 20	5°32'45	5♏27	13°34	25° 6	21°44	19°56	0° 5	24°25	11°59	2°27	12°49	12° 5	1°43	4° 9	
S 28	6 27 17	6°33'53	17°32	14°38	26°21	22°28	19°58	0° 9	24°29	11°58	2°27	12°45	12° 2	1°50	4° 9	
M29	6 31 13	7°35'02	29°30	15°45	27°36	23°12	20° 1	0°13	24°32	11°56	2°27	12°38	11°59	1°57	4°10	
T 30	6 35 10	8°36'12	11♁23	16°55	28°51	23°56	20° 4	0°18	24°36	11°54	2°28	12°27	11°56	2° 4	4°11	
W31	6 39 6	9♁37'22	23♁14	18♁ 7	0♁ 6	24♁40	20°V 8	0♁22	24♁39	11♁52	2°V28	12♁14	11♁53	2♁10	4°V12	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁	♁	♁								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
M 1	21s48	15s 1	2n56	23s52	0s39	23s49	0s36	20s54	0s10	6n28	1s27	8s31	2n19	23s21	0s 7	21n54	0s56	14s 9	16s31	6s 1	5s19	18s27	4n15	2n49
T 2	21 57	16 58	3 44	23 31	0 20	23 55	0 38	21 3	0 11	6 27	1 26	8 33	2 19	23 21	0 7	21 54	0 56	14 9	16 31	5 58	5 17	18 26	4 14	2 49
W 3	22 6	18 10	4 22	23 8	0 1	24 1	0 41	21 12	0 12	6 27	1 26	8 35	2 19	23 22	0 7	21 54	0 56	14 9	16 31	5 54	5 16	18 26	4 14	2 49
T 4	22 14	18 34	4 48	22 43	0n19	24 5	0 43	21 20	0 13	6 26	1 26	8 37	2 19	23 22	0 7	21 54	0 56	14 9	16 30	5 50	5 15	18 26	4 13	2 49
F 5	22 22	18 10	5 2	22 17	0 40	24 9	0 45	21 28	0 12	6 25	1 26	8 39	2 19	23 22	0 7	21 54	0 56	14 8	16 30	5 45	5 14	18 26	4 13	2 49
S 6	22 29	16 57	5 2	21 50	1 0	24 13	0 47	21 36	0 13	6 25	1 25	8 41	2 20	23 22	0 7	21 54	0 56	14 8	16 30	5 41	5 13	18 26	4 13	2 48
S 7	22 36	15 1	4 50	21 22	1 19	24 15	0 50	21 44	0 14	6 25	1 25	8 43	2 20	23 22	0 7	21 55	0 56	14 8	16 29	5 37	5 11	18 26	4 12	2 48
M 8	22 43	12 26	4 24	20 55	1 38	24 17	0 52	21 52	0 15	6 24	1 25	8 45	2 20	23 22	0 7	21 55	0 56	14 8	16 29	5 34	5 10	18 25	4 12	2 48
T 9	22 49	9 17	3 47	20 28	1 55	24 18	0 54	21 59	0 15	6 24	1 24	8 47	2 20	23 23	0 7	21 55	0 56	14 7	16 29	5 32	5 9	18 25	4 12	2 48
W10	22 54	5 41	2 58	20 4	2 9	24 18	0 56	22 7	0 16	6 24	1 24	8 49	2 20	23 23	0 7	21 55	0 56	14 7	16 28	5 31	5 8	18 25	4 11	2 47
T 11	23 0	1 45	1 59	19 42	2 22	24 18	0 58	22 14	0 17	6 24	1 24	8 50	2 20	23 23	0 7	21 55	0 56	14 7	16 28	5 31	5 6	18 25	4 11	2 47
F 12	23 4	2n23	0 53	19 23	2 33	24 17	1 0	22 20	0 17	6 24	1 23	8 52	2 21	23 23	0 7	21 55	0 56	14 7	16 27	5 31	5 5	18 25	4 11	2 47
S 13	23 9	6 33	0s18	19 8	2 41	24 15	1 2	22 27	0 18	6 24	1 23	8 54	2 21	23 23	0 7	21 55	0 56	14 6	16 27	5 31	5 4	18 24	4 10	2 47
S 14	23 12	10 30	1 31	18 56	2 46	24 12	1 4	22 33	0 18	6 24	1 23	8 56	2 21	23 24	0 7	21 55	0 56	14 6	16 27	5 31	5 3	18 24	4 10	2 47
M15	23 16	13 59	2 40	18 48	2 50	24 8	1 6	22 40	0 19	6 25	1 22	8 57	2 21	23 24	0 7	21 56	0 56	14 6	16 26	5 30	5 1	18 24	4 10	2 46
T 16	23 18	16 40	3 40	18 44	2 52	24 4	1 8	22 46	0 20	6 25	1 22	8 59	2 21	23 24	0 7	21 56	0 56	14 5	16 26	5 27	5 0	18 24	4 10	2 46
W17	23 21	18 15	4 27	18 43	2 52	23 59	1 10	22 51	0 20	6 26	1 22	9 1	2 22	23 24	0 7	21 56	0 56	14 5	16 26	5 24	4 59	18 24	4 10	2 46
T 18	23 23	18 31	4 54	18 45	2 51	23 53	1 11	22 57	0 21	6 26	1 22	9 2	2 22	23 24	0 7	21 56	0 56	14 5	16 25	5 20	4 58	18 23	4 9	2 46
F 19	23 24	17 26	5 1	18 50	2 48	23 47	1 13	23 2	0 21	6 27	1 21	9 4	2 22	23 25	0 7	21 56	0 56	14 4	16 25	5 15	4 56	18 23	4 9	2 46
S 20	23 25	15 9	4 46	18 57	2 44	23 40	1 15	23 7	0 22	6 27	1 21	9 5	2 22	23 25	0 7	21 56	0 56	14 4	16 25	5 11	4 55	18 23	4 9	2 45
S 21	23 26	11 55	4 12	19 6	2 39	23 32	1 16	23 12	0 23	6 28	1 21	9 7	2 22	23 25	0 7	21 57	0 56	14 4	16 24	5 8	4 54	18 23	4 9	2 45
M22	23 26	8 4	3 24	19 17	2 34	23 23	1 18	23 17	0 23	6 29	1 20	9 8	2 23	23 25	0 7	21 57	0 56	14 3	16 24	5 6	4 53	18 22	4 9	2 45
T 23	23 25	3 54	2 24	19 30	2 27	23 14	1 20	23 21	0 24	6 30	1 20	9 10	2 23	23 25	0 7	21 57	0 56	14 3	16 24	5 5	4 52	18 22	4 9	2 45
W24	23 24	0s19	1 19	19 43	2 20	23 4	1 21	23 25	0 24	6 31	1 20	9 11	2 23	23 25	0 7	21 57	0 56	14 3	16 23	5 4	4 50	18 22	4 9	2 44
T 25	23 23	4 23	0 12	19 58	2 13	22 53	1 22	23 29	0 25	6 32	1 19	9 12	2 23	23 26	0 7	21 57	0 56	14 3	16 23	5 4	4 49	18 22	4 9	2 44
F 26	23 21	8 10	0n54	20 13	2 6	22 42	1 24	23 33	0 26	6 33	1 19	9 14	2 23	23 26	0 7	21 57	0 56	14 2	16 23	5 4	4 48	18 22	4 9	2 44
S 27	23 19	11 30	1 56	20 28	1 58	22 30	1 25	23 36	0 26	6 34	1 19	9 15	2 24	23 26	0 7	21 57	0 56	14 1	16 22	5 4	4 47	18 21	4 9	2 44
S 28	23 16	14 18	2 52	20 44	1 50	22 17	1 26	23 40	0 27	6 36	1 18	9 16	2 24	23 26	0 7	21 58	0 56	14 1	16 22	5 2	4 45	18 21	4 9	2 44
M29	23 13	16 27	3 40	20 59	1 41	22 4	1 28	23 43																