

SWISS EPHEMERIS for the year 1702

JANUARY 1702

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	6 40 33	10♌12'54	11♋40	17♊30	24♋43	9♍15	4♃58	21♃20	18°R13	7♃16	14°R 2	7°D23	8♌41	17♃45	4♍39
M 2	6 44 30	11°14'05	24°23	18°17	25°52	9°52	5° 9	21°24	18♌11	7°16	14°R 1	7♌24	8°38	17°51	4°44
T 3	6 48 26	12°15'16	6♃48	19° 9	27° 1	10°29	5°20	21°28	18° 8	7°17	14° 0	7°26	8°34	17°58	4°49
W 4	6 52 23	13°16'27	18°58	20° 5	28°10	11° 5	5°32	21°33	18° 6	7°17	13°59	7°28	8°31	18° 5	4°54
T 5	6 56 19	14°17'37	0♃58	21° 4	29°18	11°42	5°43	21°37	18° 3	7°18	13°58	7°29	8°28	18°11	4°59
F 6	7 0 16	15°18'47	12°51	22° 6	0♃27	12°19	5°55	21°41	18° 1	7°18	13°56	7°R30	8°25	18°18	5° 4
S 7	7 4 12	16°19'56	24°43	23°11	1°35	12°55	6° 7	21°45	17°58	7°19	13°55	7°29	8°22	18°25	5° 9
S 8	7 8 9	17°21'05	6♃38	24°18	2°43	13°32	6°19	21°50	17°55	7°20	13°54	7°28	8°19	18°32	5°14
M 9	7 12 5	18°22'13	18°42	25°28	3°50	14° 8	6°31	21°54	17°53	7°20	13°53	7°26	8°15	18°38	5°19
T 10	7 16 2	19°23'20	0♌57	26°40	4°58	14°45	6°43	21°59	17°50	7°21	13°51	7°23	8°12	18°45	5°23
W 11	7 19 59	20°24'27	13°28	27°54	6° 5	15°21	6°55	22° 4	17°47	7°22	13°50	7°21	8° 9	18°52	5°27
T 12	7 23 55	21°25'33	26°16	29° 9	7°12	15°58	7° 7	22° 9	17°45	7°23	13°49	7°18	8° 6	18°58	5°32
F 13	7 27 52	22°26'39	9♌22	0♌26	8°19	16°34	7°19	22°13	17°42	7°24	13°48	7°16	8° 3	19° 5	5°36
S 14	7 31 48	23°27'44	22°46	1°44	9°26	17°10	7°32	22°18	17°40	7°25	13°46	7°15	7°59	19°12	5°40
S 15	7 35 45	24°28'48	6♌26	3° 4	10°32	17°47	7°44	22°23	17°37	7°25	13°45	7°D15	7°56	19°19	5°44
M 16	7 39 41	25°29'52	20°20	4°25	11°38	18°23	7°57	22°29	17°34	7°26	13°44	7°15	7°53	19°25	5°48
T 17	7 43 38	26°30'55	4♍23	5°46	12°44	18°59	8° 9	22°34	17°32	7°27	13°42	7°16	7°50	19°32	5°52
W 18	7 47 34	27°31'58	18°34	7° 9	13°50	19°35	8°22	22°39	17°29	7°28	13°41	7°16	7°47	19°39	5°56
T 19	7 51 31	28°33'00	2♌48	8°33	14°55	20°12	8°35	22°44	17°27	7°29	13°39	7°17	7°44	19°46	5°59
F 20	7 55 28	29°34'02	17° 2	9°58	16° 0	20°48	8°47	22°50	17°24	7°31	13°38	7°18	7°40	19°52	6° 3
S 21	7 59 24	0♎35'03	1♍14	11°24	17° 5	21°24	9° 0	22°55	17°22	7°32	13°37	7°R18	7°37	19°59	6° 6
S 22	8 3 21	1°36'04	15°22	12°50	18° 9	22° 0	9°13	23° 1	17°19	7°33	13°35	7°18	7°34	20° 6	6° 9
M 23	8 7 17	2°37'04	29°23	14°17	19°14	22°36	9°26	23° 6	17°17	7°34	13°34	7°17	7°31	20°12	6°13
T 24	8 11 14	3°38'04	13♌17	15°46	20°17	23°12	9°39	23°12	17°14	7°35	13°32	7°17	7°28	20°19	6°16
W 25	8 15 10	4°39'03	27° 0	17°14	21°21	23°48	9°53	23°18	17°12	7°36	13°31	7°17	7°25	20°26	6°19
T 26	8 19 7	5°40'01	10♌31	18°44	22°24	24°24	10° 6	23°23	17° 9	7°38	13°30	7°16	7°21	20°33	6°21
F 27	8 23 3	6°40'58	23°49	20°15	23°27	25° 0	10°19	23°29	17° 7	7°39	13°28	7°16	7°18	20°39	6°24
S 28	8 27 0	7°41'54	6♎53	21°46	24°30	25°36	10°32	23°35	17° 4	7°40	13°27	7°16	7°15	20°46	6°27
S 29	8 30 57	8°42'50	19°43	23°18	25°32	26°11	10°46	23°41	17° 2	7°42	13°25	7°16	7°12	20°53	6°29
M 30	8 34 53	9°43'44	2♃17	24°50	26°34	26°47	10°59	23°47	17° 0	7°43	13°24	7°16	7° 9	20°59	6°32
T 31	8 38 50	10♎44'36	14♃38	26♌23	27♃35	27♍23	11♃13	23♃53	16♌57	7♃44	13♌23	7♌16	7♌ 5	21♃ 6	6♍34

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23s 5	17s41	0s23	20s36	2n18	14s48	1s36	13s37	1n 2	10s44	1s 6	5s29	2s13	22n42	0n28
M 2	23 0	14 52	1 32	20 49	2 9	14 22	1 33	13 49	1 2	10 40	1 6	5 27	2 13	22 42	0 28
T 3	22 55	11 25	2 35	21 2	2 1	13 56	1 30	14 1	1 2	10 35	1 6	5 25	2 13	22 43	0 28
W 4	22 49	7 34	3 29	21 15	1 52	13 29	1 27	14 12	1 1	10 31	1 6	5 23	2 13	22 43	0 28
T 5	22 43	3 30	4 13	21 28	1 43	13 2	1 24	14 24	1 1	10 27	1 6	5 21	2 12	22 43	0 28
F 6	22 36	0n41	4 47	21 41	1 34	12 35	1 20	14 36	1 1	10 22	1 6	5 20	2 12	22 44	0 28
S 7	22 29	4 49	5 7	21 54	1 25	12 7	1 17	14 47	1 0	10 18	1 6	5 18	2 12	22 44	0 28
S 8	22 21	8 47	5 15	22 6	1 15	11 40	1 13	14 58	1 0	10 13	1 5	5 16	2 12	22 45	0 28
M 9	22 13	12 27	5 9	22 18	1 6	11 12	1 9	15 10	1 0	9 59	1 5	5 14	2 12	22 45	0 28
T 10	22 4 15	40	4 49	22 29	0 57	10 43	1 6	15 21	0 59	10 4	1 5	5 12	2 12	22 45	0 28
W 11	21 55	18 14	4 15	22 39	0 49	10 15	1 2	15 32	0 59	10 0	1 5	5 10	2 11	22 46	0 28
T 12	21 46	19 58	3 28	22 49	0 40	9 46	0 57	15 43	0 58	9 55	1 5	5 8	2 11	22 46	0 28
F 13	21 36	20 41	2 28	22 58	0 31	9 17	0 53	15 53	0 58	9 50	1 5	5 6	2 11	22 46	0 28
S 14	21 26	20 15	1 19	23 5	0 22	8 48	0 49	16 4	0 58	9 46	1 5	5 4	2 11	22 47	0 28
S 15	21 15	18 37	0 4	23 12	0 14	8 19	0 44	16 15	0 57	9 41	1 5	5 1	2 11	22 47	0 28
M 16	21 4 15	52	1n12	23 18	0 6	7 49	0 40	16 25	0 57	9 36	1 5	4 59	2 11	22 47	0 28
T 17	20 53	12 10	2 25	23 23	0s 2	7 20	0 35	16 35	0 56	9 31	1 5	4 57	2 10	22 48	0 28
W 18	20 41	7 44	3 29	23 27	0 10	6 50	0 30	16 46	0 56	9 27	1 5	4 55	2 10	22 48	0 28
T 19	20 29	2 53	4 22	23 30	0 18	6 21	0 26	16 56	0 55	9 22	1 4	4 53	2 10	22 48	0 28
F 20	20 16	2s 7	4 58	23 31	0 25	5 51	0 21	17 6	0 55	9 17	1 4	4 50	2 10	22 49	0 28
S 21	20 3 7	0	5 15	23 32	0 33	5 21	0 15	17 16	0 54	9 12	1 4	4 48	2 10	22 49	0 28
S 22	19 50	11 28	5 14	23 31	0 40	4 51	0 10	17 26	0 54	9 7	1 4	4 46	2 10	22 49	0 28
M 23	19 36	15 16	4 54	23 29	0 47	4 21	0 5	17 35	0 54	9 2	1 4	4 43	2 10	22 50	0 28
T 24	19 22	18 11	4 17	23 25	0 53	3 51	0n 0	17 45	0 53	8 57	1 4	4 41	2 9	22 50	0 28
W 25	19 8	20 1	3 25	23 21	1 0	3 21	0 6	17 54	0 53	8 52	1 4	4 39	2 9	22 50	0 28
T 26	18 53	20 41	2 23	23 15	1 6	2 50	0 12	18 4	0 52	8 47	1 4	4 36	2 9	22 51	0 28
F 27	18 38	20 9	1 14	23 8	1 12	2 20	0 17	18 13	0 52	8 42	1 4	4 34	2 9	22 51	0 28
S 28	18 22	18 33	0 2	22 59	1 17	1 50	0 23	18 22	0 51	8 37	1 4	4 31	2 9	22 51	0 28
S 29	18 7	16 1	1s 8	22 49	1 23	1 20	0 29	18 31	0 50	8 31	1 4	4 29	2 9	22 52	0 28
M 30	17 50	12 46	2 14	22 38	1 28	0 50	0 35	18 40	0 50	8 26	1 4	4 26	2 9	22 52	0 28
T 31	17s34	9s 1	3s13	22s25	1s33	0s20	0n41	18s48	0n49	8s21	1s 4	4s24	2s 9	22n52	0n28

Julian Day Number = 2342702.5, Delta T = 7.84 sec
 Ecliptic obliquity = 23°28'35, Nutation = - 0°00'13
 Ayanamsha: Fagan/Bradley = 20°34'50, Lahiri = 19°41'50Greg. Calendar

SWISS EPHEMERIS for the year 1702

FEBRUARY 1702

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	8 42 46	11 ⁴⁵ 28	26 ⁴⁶ 46	27 ³⁵ 58	28 ³⁶ 36	27 ⁵⁸ 58	11 ²⁶ 26	23 ⁵⁹ 59	16 ⁵⁵ 55	7 ⁴⁶ 46	13 ²¹ 21	7 ¹⁵ 15	7 ² 2	21 ¹³ 13	6 ³⁶ 36
T 2	8 46 43	12 ⁴⁶ 18	8 ⁴⁶ 46	29 ³² 32	29 ³⁶ 36	28 ³⁴ 34	11 ⁴⁰ 40	24 ⁵ 5	16 ⁵³ 53	7 ⁴⁷ 47	13 ²⁰ 20	7 ¹⁵ 15	6 ⁵⁹ 59	21 ²⁰ 20	6 ³⁸ 38
F 3	8 50 39	13 ⁴⁷ 06	20 ³⁹ 39	1 ⁸ 8	0 ³⁷ 37	29 ¹⁰ 10	11 ⁵⁴ 54	24 ¹² 12	16 ⁵¹ 51	7 ⁴⁹ 49	13 ¹⁸ 18	7 ¹⁴ 14	6 ⁵⁶ 56	21 ²⁶ 26	6 ⁴⁰ 40
S 4	8 54 36	14 ⁴⁷ 54	2 ³¹ 31	2 ⁴⁴ 44	1 ³⁶ 36	29 ⁴⁵ 45	12 ⁷ 7	24 ¹⁸ 18	16 ⁴⁸ 48	7 ⁵⁰ 50	13 ¹⁷ 17	7 ¹³ 13	6 ⁵³ 53	21 ³³ 33	6 ⁴² 42
S 5	8 58 32	15 ⁴⁸ 39	14 ²⁶ 26	4 ²² 22	2 ³⁵ 35	0 ²⁰ 20	12 ²¹ 21	24 ²⁴ 24	16 ⁴⁶ 46	7 ⁵² 52	13 ¹⁵ 15	7 ¹³ 13	6 ⁵⁰ 50	21 ⁴⁰ 40	6 ⁴³ 43
M 6	9 2 29	16 ⁴⁹ 23	26 ²⁷ 27	5 ⁵⁹ 59	3 ³⁴ 34	0 ⁵⁶ 56	12 ³⁵ 35	24 ³¹ 31	16 ⁴⁴ 44	7 ⁵³ 53	13 ¹⁴ 14	7 ¹³ 13	6 ⁴⁶ 46	21 ⁴⁶ 46	6 ⁴⁵ 45
T 7	9 6 26	17 ⁵⁰ 06	8 ⁴¹ 41	7 ³⁸ 38	4 ³² 32	1 ³¹ 31	12 ⁴⁹ 49	24 ³⁷ 37	16 ⁴² 42	7 ⁵⁵ 55	13 ¹² 12	7 ¹⁴ 14	6 ⁴³ 43	21 ⁵³ 53	6 ⁴⁷ 47
W 8	9 10 22	18 ⁵⁰ 46	21 ¹¹ 11	9 ¹⁸ 18	5 ³⁰ 30	2 ⁶ 6	13 ³ 3	24 ⁴⁴ 44	16 ⁴⁰ 40	7 ⁵⁷ 57	13 ¹¹ 11	7 ¹⁵ 15	6 ⁴⁰ 40	22 ⁰ 0	6 ⁴⁸ 48
T 9	9 14 19	19 ⁵¹ 26	4 ² 2	10 ⁵⁸ 58	6 ²⁷ 27	2 ⁴² 42	13 ¹⁷ 17	24 ⁵⁰ 50	16 ³⁸ 38	7 ⁵⁸ 58	13 ¹⁰ 10	7 ¹⁶ 16	6 ³⁷ 37	22 ⁷ 7	6 ⁴⁹ 49
F 10	9 18 15	20 ⁵² 03	17 ¹⁵ 15	12 ³⁹ 39	7 ²⁴ 24	3 ¹⁷ 17	13 ³¹ 31	24 ⁵⁷ 57	16 ³⁶ 36	8 ⁰ 0	13 ⁸ 8	7 ¹⁷ 17	6 ³⁴ 34	22 ¹³ 13	6 ⁵⁰ 50
S 11	9 22 12	21 ⁵² 39	0 ⁵¹ 51	14 ²¹ 21	8 ²⁰ 20	3 ⁵² 52	13 ⁴⁵ 45	25 ³ 3	16 ³⁴ 34	8 ² 2	13 ⁷ 7	7 ¹⁸ 18	6 ³¹ 31	22 ²⁰ 20	6 ⁵¹ 51
S 12	9 26 8	22 ⁵³ 13	14 ⁵⁰ 50	16 ⁴ 4	9 ¹⁵ 15	4 ²⁷ 27	13 ⁵⁹ 59	25 ¹⁰ 10	16 ³² 32	8 ³ 3	13 ⁵ 5	7 ¹⁸ 18	6 ²⁷ 27	22 ²⁷ 27	6 ⁵² 52
M13	9 30 5	23 ⁵³ 46	29 ⁸ 8	17 ⁴⁸ 48	10 ¹⁰ 10	5 ² 2	14 ¹³ 13	25 ¹⁷ 17	16 ³⁰ 30	8 ⁵ 5	13 ⁴ 4	7 ¹⁷ 17	6 ²⁴ 24	22 ³³ 33	6 ⁵³ 53
T 14	9 34 1	24 ⁵⁴ 17	13 ⁴¹ 41	19 ³³ 33	11 ⁴ 4	5 ³⁷ 37	14 ²⁷ 27	25 ²⁴ 24	16 ²⁸ 28	8 ⁷ 7	13 ² 2	7 ¹⁵ 15	6 ²¹ 21	22 ⁴⁰ 40	6 ⁵³ 53
W15	9 37 58	25 ⁵⁴ 47	28 ²² 22	21 ¹⁹ 19	11 ⁵⁷ 57	6 ¹¹ 11	14 ⁴¹ 41	25 ³⁰ 30	16 ²⁶ 26	8 ⁹ 9	13 ¹ 1	7 ¹³ 13	6 ¹⁸ 18	22 ⁴⁷ 47	6 ⁵⁴ 54
T 16	9 41 55	26 ⁵⁵ 15	13 ⁴ 4	23 ⁵ 5	12 ⁵⁰ 50	6 ⁴⁶ 46	14 ⁵⁵ 55	25 ³⁷ 37	16 ²⁴ 24	8 ¹⁰ 10	13 ⁰ 0	7 ¹⁰ 10	6 ¹⁵ 15	22 ⁵⁴ 54	6 ⁵⁴ 54
F 17	9 45 51	27 ⁵⁵ 42	27 ⁴⁰ 40	24 ⁵³ 53	13 ⁴² 42	7 ²¹ 21	15 ⁹ 9	25 ⁴⁴ 44	16 ²² 22	8 ¹² 12	12 ⁵⁸ 58	7 ⁸ 8	6 ¹¹ 11	23 ⁰ 0	6 ⁵⁵ 55
S 18	9 49 48	28 ⁵⁶ 08	12 ⁵ 5	26 ⁴¹ 41	14 ³³ 33	7 ⁵⁶ 56	15 ²⁴ 24	25 ⁵¹ 51	16 ²¹ 21	8 ¹⁴ 14	12 ⁵⁷ 57	7 ⁶ 6	6 ⁸ 8	23 ⁷ 7	6 ⁵⁵ 55
S 19	9 53 44	29 ⁵⁶ 32	26 ¹⁶ 16	28 ³¹ 31	15 ²³ 23	8 ³⁰ 30	15 ³⁸ 38	25 ⁵⁸ 58	16 ¹⁹ 19	8 ¹⁶ 16	12 ⁵⁶ 56	7 ⁵ 5	6 ⁵ 5	23 ¹⁴ 14	6 ⁵⁵ 55
M20	9 57 41	0 ⁵⁶ 55	10 ¹⁰ 10	0 ²¹ 21	16 ¹³ 13	9 ⁵ 5	15 ⁵² 52	26 ⁵ 5	16 ¹⁷ 17	8 ¹⁸ 18	12 ⁵⁴ 54	7 ⁵ 5	6 ² 2	23 ²⁰ 20	6 ⁵⁵ 55
T 21	10 1 37	1 ⁵⁷ 16	23 ⁴⁸ 48	2 ¹² 12	17 ² 2	9 ³⁹ 39	16 ⁷ 7	26 ¹² 12	16 ¹⁶ 16	8 ²⁰ 20	12 ⁵³ 53	7 ⁶ 6	5 ⁵⁹ 59	23 ²⁷ 27	6 ⁵⁵ 55
W22	10 5 34	2 ⁵⁷ 37	7 ³¹ 31	4 ⁴ 4	17 ⁵⁰ 50	10 ¹³ 13	16 ²¹ 21	26 ¹⁹ 19	16 ¹⁴ 14	8 ²² 22	12 ⁵² 52	7 ⁸ 8	5 ⁵⁶ 56	23 ³⁴ 34	6 ⁵⁴ 54
T 23	10 9 30	3 ⁵⁷ 55	20 ¹⁷ 17	5 ⁵⁷ 57	18 ³⁷ 37	10 ⁴⁸ 48	16 ³⁵ 35	26 ²⁶ 26	16 ¹³ 13	8 ²³ 23	12 ⁵⁰ 50	7 ⁹ 9	5 ⁵² 52	23 ⁴¹ 41	6 ⁵⁴ 54
F 24	10 13 27	4 ⁵⁸ 12	3 ¹¹ 11	7 ⁵⁰ 50	19 ²³ 23	11 ²² 22	16 ⁵⁰ 50	26 ³³ 33	16 ¹¹ 11	8 ²⁵ 25	12 ⁴⁹ 49	7 ¹⁰ 10	5 ⁴⁹ 49	23 ⁴⁷ 47	6 ⁵³ 53
S 25	10 17 24	5 ⁵⁸ 28	15 ⁵² 52	9 ⁴⁵ 45	20 ⁸ 8	11 ⁵⁶ 56	17 ⁴ 4	26 ⁴⁰ 40	16 ¹⁰ 10	8 ²⁷ 27	12 ⁴⁸ 48	7 ¹⁰ 10	5 ⁴⁶ 46	23 ⁵⁴ 54	6 ⁵³ 53
S 26	10 21 20	6 ⁵⁸ 42	28 ²³ 23	11 ³⁹ 39	20 ⁵² 52	12 ³⁰ 30	17 ¹⁹ 19	26 ⁴⁸ 48	16 ⁸ 8	8 ²⁹ 29	12 ⁴⁶ 46	7 ⁸ 8	5 ⁴³ 43	24 ¹ 1	6 ⁵² 52
M27	10 25 17	7 ⁵⁸ 53	10 ⁴³ 43	13 ³⁵ 35	21 ³⁵ 35	13 ⁴ 4	17 ³³ 33	26 ⁵⁵ 55	16 ⁷ 7	8 ³¹ 31	12 ⁴⁵ 45	7 ⁵ 5	5 ⁴⁰ 40	24 ⁸ 8	6 ⁵¹ 51
T 28	10 29 13	8 ⁵⁹ 03	22 ⁴⁵ 45	15 ³⁰ 30	22 ¹⁷ 17	13 ³⁸ 38	17 ⁴⁸ 48	27 ⁴ 4	16 ⁶ 6	8 ³³ 33	12 ⁴⁴ 44	7 ⁶ 6	5 ³⁶ 36	24 ¹⁴ 14	6 ⁵⁰ 50

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
W 1	17s17	4s59	4s 1	22s11	1s37	0n10	0n48	18s57	0n49	8s16	1s 4	4s21	2s 8	22n52	0n28	1n40	1s33	24n41	8n12	18n29	18n33	3n42	13s22	0n24
T 2	17 0	0 47	4 39	21 56	1 41	0 40	0 54	19 5	0 48	8 11	1 4	4 19	2 8	22 53	0 28	1 41	1 32	24 42	8 13	18 29	18 33	3 44	13 23	0 24
F 3	16 43	3n23	5 4	21 39	1 45	1 10	1 1	19 14	0 48	8 5	1 4	4 16	2 8	22 53	0 28	1 41	1 32	24 42	8 13	18 30	18 34	3 46	13 23	0 24
S 4	16 25	7 25	5 16	21 21	1 49	1 40	1 7	19 22	0 47	8 0	1 3	4 14	2 8	22 53	0 28	1 42	1 32	24 43	8 13	18 30	18 35	3 49	13 23	0 25
S 5	16 7	11 11	5 14	21 1	1 52	2 10	1 14	19 30	0 46	7 55	1 3	4 11	2 8	22 54	0 28	1 43	1 32	24 43	8 13	18 30	18 36	3 51	13 23	0 25
M 6	15 49	14 32	4 59	20 40	1 55	2 39	1 20	19 38	0 46	7 49	1 3	4 8	2 8	22 54	0 28	1 43	1 32	24 44	8 13	18 30	18 37	3 53	13 23	0 25
T 7	15 31	17 20	4 31	20 17	1 58	3 8	1 27	19 46	0 45	7 44	1 3	4 6	2 8	22 54	0 28	1 44	1 32	24 44	8 13	18 30	18 37	3 55	13 23	0 26
W 8	15 12	19 23	3 48	19 53	2 0	3 38	1 34	19 53	0 45	7 39	1 3	4 3	2 8	22 54	0 28	1 45	1 32	24 45	8 13	18 29	18 38	3 58	13 24	0 26
T 9	14 53	20 31	2 54	19 28	2 2	4 7	1 41	20 1	0 44	7 33	1 3	4 0	2 8	22 55	0 28	1 45	1 32	24 45	8 13	18 29	18 39	4 0	13 24	0 27
F 10	14 34	20 34	1 49	19 1	2 4	4 36	1 48	20 8	0 43	7 28	1 3	3 58	2 8	22 55	0 28	1 46	1 32	24 46	8 13	18 29	18 40	4 2	13 24	0 27
S 11	14 14	19 25	0 36	18 32	2 5	5 5	1 56	20 16	0 43	7 22	1 3	3 55	2 7	22 55	0 28	1 47	1 32	24 46	8 13	18 29	18 40	4 4	13 24	0 27
S 12	13 55	17 4	0n42	18 2	2 5	5 33	2 3	20 23	0 42	7 17	1 3	3 52	2 7	22 55	0 28	1 47	1 32	24 47	8 13	18 29	18 41	4 7	13 23	0 28
M13	13 35	13 38	1 58	17 31	2 6	6 1	2 10	20 30	0 41	7 12	1 3	3 50	2 7	22 56	0 28	1 48	1 32	24 47	8 13	18 29	18 42	4 9	13 23	0 28
T 14	13 14	9 19	3 8	16 58	2 6	6 29	2 18	20 37	0 40	7 6	1 3	3 47	2 7	22 56	0 28	1 49	1 32	24 47	8 13	18 29	18 43	4 11	13 23	0 29
W15	12 54	4 24	4 6	16 24	2 5	6 57	2 25	20 43	0 40	7 1	1 3	3 44	2 7	22 56	0 28	1 50	1 32	24 48	8 13	18 30	18 44	4 13	13 23	0 29
T 16	12 33	0s45	4 48	15 48	2 4	7 25	2 33	20 50	0 39	6 55	1 3	3 41	2 7	22 56	0 28	1 50	1 32	24 48	8 13	18 31	18 44	4 16	13 23	0 29
F 17	12 13	5 49	5 11	15 10	2 3	7 52	2 40	20 57	0 38	6 50	1 3	3 38	2 7	22 56	0 28	1 51	1 32	24 49	8 13	18 31	18 45	4 18	13 22	0 30
S 18	11 52	10 30	5 14	14 32	2 1	8 19	2 48	21 3	0 37	6 44	1 3	3 36	2 7	22 57	0 28	1 52	1 32	24 49	8 13	18 32	18 46	4 20	13 22	0 30
S 19	11 31	14 31	4 58	13 51	1 58	8 46	2 56	21 9	0 37	6 38	1 3	3 33	2 7	22 57	0 28	1 52	1 32	24 50	8 13	18 32	18 47	4 23	13 22	0 31
M20	11 9	17 39	4 24	13 10	1 55	9 12	3 3	21 15	0 36	6 33	1 3	3 30	2 7	22 57	0 28	1 53	1 32	24 50	8 13	18 32	18 48	4 25	13 21	0 31

SWISS EPHEMERIS for the year 1702

MARCH 1702

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	10 33 10	9 ^h 59'11"	4 ^h 58'	17 ^h 26'	22 ^h 58'	14 ^h 12'	18 ^h 2'	27 ^h 9'	16 ^h R 4'	8 ^h 35'	12 ^h R42'	6 ^h R54'	5 ^h Ω33'	24 ^h Υ21'	6 ^h R49'
T 2	10 37 6	10 ^h 59'18"	16 ^h 55'	19 ^h 22'	23 ^h 38'	14 ^h 45'	18 ^h 16'	27 ^h 16'	16 ^h ☉ 3'	8 ^h 38'	12 ^h Ω41'	6 ^h Ω48'	5 ^h 30'	24 ^h 28'	6 ^h Ω48'
F 3	10 41 3	11 ^h 59'22"	28 ^h 47'	21 ^h 17'	24 ^h 16'	15 ^h 19'	18 ^h 31'	27 ^h 24'	16 ^h 2'	8 ^h 40'	12 ^h 40'	6 ^h 41'	5 ^h 27'	24 ^h 34'	6 ^h 47'
S 4	10 44 59	12 ^h 59'24"	10 ^h 39'	23 ^h 13'	24 ^h 54'	15 ^h 52'	18 ^h 46'	27 ^h 31'	16 ^h 1'	8 ^h 42'	12 ^h 39'	6 ^h 36'	5 ^h 24'	24 ^h 41'	6 ^h 45'
S 5	10 48 56	13 ^h 59'24"	22 ^h 32'	25 ^h 7'	25 ^h 30'	16 ^h 26'	19 ^h 0'	27 ^h 38'	16 ^h 0'	8 ^h 44'	12 ^h 38'	6 ^h 32'	5 ^h 21'	24 ^h 48'	6 ^h 44'
M 6	10 52 52	14 ^h 59'21"	4 ^h 31'	27 ^h 0'	26 ^h 4'	16 ^h 59'	19 ^h 15'	27 ^h 46'	15 ^h 59'	8 ^h 46'	12 ^h 36'	6 ^h 30'	5 ^h 17'	24 ^h 55'	6 ^h 42'
T 7	10 56 49	15 ^h 59'17"	16 ^h 42'	28 ^h 51'	26 ^h 37'	17 ^h 32'	19 ^h 29'	27 ^h 53'	15 ^h 58'	8 ^h 48'	12 ^h 35'	6 ^h D29'	5 ^h 14'	25 ^h 1'	6 ^h 40'
W 8	11 0 46	16 ^h 59'10"	29 ^h 7'	0 ^h Υ41'	27 ^h 9'	18 ^h 5'	19 ^h 44'	28 ^h 0'	15 ^h 57'	8 ^h 50'	12 ^h 34'	6 ^h 30'	5 ^h 11'	25 ^h 8'	6 ^h 38'
T 9	11 4 42	17 ^h 59'02"	11 ^h ☉53'	2 ^h 28'	27 ^h 39'	18 ^h 38'	19 ^h 58'	28 ^h 8'	15 ^h 56'	8 ^h 52'	12 ^h 33'	6 ^h 31'	5 ^h 8'	25 ^h 15'	6 ^h 36'
F 10	11 8 39	18 ^h 58'51"	25 ^h 3'	4 ^h 12'	28 ^h 7'	19 ^h 11'	20 ^h 13'	28 ^h 15'	15 ^h 55'	8 ^h 54'	12 ^h 32'	6 ^h 32'	5 ^h 5'	25 ^h 21'	6 ^h 34'
S 11	11 12 35	19 ^h 58'37"	8 ^h Ω39'	5 ^h 53'	28 ^h 34'	19 ^h 44'	20 ^h 27'	28 ^h 23'	15 ^h 55'	8 ^h 57'	12 ^h 31'	6 ^h R33'	5 ^h 2'	25 ^h 28'	6 ^h 32'
S 12	11 16 32	20 ^h 58'22"	22 ^h 44'	7 ^h 30'	28 ^h 59'	20 ^h 16'	20 ^h 42'	28 ^h 30'	15 ^h 54'	8 ^h 59'	12 ^h 30'	6 ^h 32'	4 ^h 58'	25 ^h 35'	6 ^h 30'
M13	11 20 28	21 ^h 58'04"	7 ^h 15'	9 ^h 3'	29 ^h 22'	20 ^h 49'	20 ^h 56'	28 ^h 37'	15 ^h 53'	9 ^h 1'	12 ^h 29'	6 ^h 29'	4 ^h 55'	25 ^h 42'	6 ^h 28'
T 14	11 24 25	22 ^h 57'44"	2 ^h 6'	10 ^h 30'	29 ^h 44'	21 ^h 21'	21 ^h 11'	28 ^h 45'	15 ^h 53'	9 ^h 3'	12 ^h 27'	6 ^h 23'	4 ^h 52'	25 ^h 48'	6 ^h 25'
W15	11 28 21	23 ^h 57'22"	7 ^h Ω11'	11 ^h 53'	0 ^h 3'	21 ^h 54'	21 ^h 25'	28 ^h 52'	15 ^h 52'	9 ^h 5'	12 ^h 26'	6 ^h 17'	4 ^h 49'	25 ^h 55'	6 ^h 23'
T 16	11 32 18	24 ^h 56'58"	22 ^h 19'	13 ^h 10'	0 ^h 21'	22 ^h 26'	21 ^h 40'	29 ^h 0'	15 ^h 52'	9 ^h 8'	12 ^h 25'	6 ^h 9'	4 ^h 46'	26 ^h 2'	6 ^h 20'
F 17	11 36 15	25 ^h 56'33"	7 ^h Ω20'	14 ^h 20'	0 ^h 36'	22 ^h 58'	21 ^h 55'	29 ^h 7'	15 ^h 51'	9 ^h 10'	12 ^h 24'	6 ^h 2'	4 ^h 42'	26 ^h 9'	6 ^h 17'
S 18	11 40 11	26 ^h 56'05"	22 ^h 6'	15 ^h 25'	0 ^h 50'	23 ^h 30'	22 ^h 9'	29 ^h 15'	15 ^h 51'	9 ^h 12'	12 ^h 24'	5 ^h 56'	4 ^h 39'	26 ^h 15'	6 ^h 14'
S 19	11 44 8	27 ^h 55'36"	6 ^h ♂30'	16 ^h 22'	1 ^h 1'	24 ^h 2'	22 ^h 24'	29 ^h 22'	15 ^h 51'	9 ^h 14'	12 ^h 23'	5 ^h 52'	4 ^h 36'	26 ^h 22'	6 ^h 11'
M20	11 48 4	28 ^h 55'05"	20 ^h 31'	17 ^h 12'	1 ^h 10'	24 ^h 34'	22 ^h 38'	29 ^h 30'	15 ^h 50'	9 ^h 16'	12 ^h 22'	5 ^h 50'	4 ^h 33'	26 ^h 29'	6 ^h 8'
T 21	11 52 1	29 ^h 54'32"	4 ^h 7'	17 ^h 55'	1 ^h 17'	25 ^h 5'	22 ^h 53'	29 ^h 37'	15 ^h 50'	9 ^h 19'	12 ^h 21'	5 ^h D49'	4 ^h 30'	26 ^h 35'	6 ^h 5'
W22	11 55 57	0 ^h Υ53'58"	17 ^h 20'	18 ^h 31'	1 ^h 21'	25 ^h 36'	23 ^h 7'	29 ^h 45'	15 ^h 50'	9 ^h 21'	12 ^h 20'	5 ^h 50'	4 ^h 27'	26 ^h 42'	6 ^h 2'
T 23	11 59 54	1 ^h 53'22"	0 ^h ♁15'	18 ^h 59'	1 ^h R23'	26 ^h 8'	23 ^h 21'	29 ^h 52'	15 ^h 50'	9 ^h 23'	12 ^h 19'	5 ^h R51'	4 ^h 23'	26 ^h 49'	5 ^h 59'
F 24	12 3 50	2 ^h 52'44"	12 ^h 52'	19 ^h 19'	1 ^h 23'	26 ^h 39'	23 ^h 36'	29 ^h 59'	15 ^h 50'	9 ^h 25'	12 ^h 18'	5 ^h 51'	4 ^h 20'	26 ^h 56'	5 ^h 55'
S 25	12 7 47	3 ^h 52'04"	25 ^h 17'	19 ^h 32'	1 ^h 20'	27 ^h 10'	23 ^h 50'	0 ^h Υ 7'	15 ^h D50'	9 ^h 28'	12 ^h 17'	5 ^h 49'	4 ^h 17'	27 ^h 2'	5 ^h 52'
S 26	12 11 44	4 ^h 51'22"	7 ^h ♂32'	19 ^h R37'	1 ^h 15'	27 ^h 41'	24 ^h 5'	0 ^h 14'	15 ^h 50'	9 ^h 30'	12 ^h 17'	5 ^h 44'	4 ^h 14'	27 ^h 9'	5 ^h 49'
M27	12 15 40	5 ^h 50'38"	19 ^h 40'	19 ^h 35'	1 ^h 8'	28 ^h 11'	24 ^h 19'	0 ^h 22'	15 ^h 50'	9 ^h 32'	12 ^h 16'	5 ^h 37'	4 ^h 11'	27 ^h 16'	5 ^h 45'
T 28	12 19 37	6 ^h 49'52"	1 ^h Υ41'	19 ^h 26'	0 ^h 58'	28 ^h 42'	24 ^h 34'	0 ^h 29'	15 ^h 50'	9 ^h 34'	12 ^h 15'	5 ^h 28'	4 ^h 8'	27 ^h 22'	5 ^h 41'
W29	12 23 33	7 ^h 49'04"	13 ^h 38'	19 ^h 10'	0 ^h 45'	29 ^h 12'	24 ^h 48'	0 ^h 37'	15 ^h 50'	9 ^h 37'	12 ^h 14'	5 ^h 16'	4 ^h 4'	27 ^h 29'	5 ^h 38'
T 30	12 27 30	8 ^h 48'14"	25 ^h 31'	18 ^h 48'	0 ^h 30'	29 ^h 42'	25 ^h 2'	0 ^h 44'	15 ^h 51'	9 ^h 39'	12 ^h 14'	5 ^h 4'	4 ^h 1'	27 ^h 36'	5 ^h 34'
F 31	12 31 26	9 ^h Υ47'22"	7 ^h ♂23'	18 ^h Υ20'	0 ^h 13'	0 ^h 12'	25 ^h ♂17'	0 ^h Υ52'	15 ^h ☉51'	9 ^h Υ41'	12 ^h Ω13'	4 ^h Ω51'	3 ^h Ω58'	27 ^h Υ43'	5 ^h Ω30'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	7s50	2s 4	4s24	5s57	1s 3	12n54	4n16	22s 4	0n28	5s42	1s 3	3s 4	2s 6	22n58	0n28	2n 0	1s32	24n53	8n13	18n35	18n55	4n45	13s16	0n35
T 2	7 27	2n 9	4 52	5 3	0 55	13 16	4 24	22 9	0 27	5 37	1 3	3 1	2 6	22 59	0 28	2 1	1 32	24 54	8 13	18 36	18 55	4 48	13 15	0 35
F 3	7 5	6 16	5 8	4 9	0 45	13 38	4 32	22 14	0 26	5 31	1 3	2 58	2 6	22 59	0 28	2 2	1 32	24 54	8 13	18 38	18 56	4 50	13 14	0 35
S 4	6 42	10 8	5 10	3 14	0 35	14 0	4 40	22 18	0 25	5 25	1 3	2 55	2 6	22 59	0 28	2 3	1 32	24 54	8 13	18 39	18 57	4 52	13 13	0 36
S 5	6 19	13 37	4 59	2 20	0 25	14 21	4 49	22 23	0 24	5 20	1 3	2 52	2 6	22 59	0 28	2 4	1 32	24 55	8 13	18 40	18 58	4 54	13 13	0 36
M 6	5 55	16 35	4 35	1 24	0 14	14 41	4 57	22 27	0 23	5 14	1 3	2 49	2 6	22 59	0 28	2 5	1 32	24 55	8 13	18 41	18 59	4 57	13 12	0 37
T 7	5 32	18 52	3 58	0 30	0 2	15 1	5 5	22 31	0 22	5 8	1 3	2 46	2 6	22 59	0 28	2 5	1 32	24 55	8 13	18 41	18 59	4 59	13 11	0 37
W 8	5 9	20 19	3 9	0n25	0n10	15 20	5 13	22 35	0 21	5 2	1 3	2 43	2 6	22 59	0 28	2 6	1 32	24 56	8 13	18 41	19 0	5 1	13 10	0 38
T 9	4 45	20 47	2 10	1 19	0 22	15 39	5 21	22 39	0 20	4 57	1 3	2 40	2 6	22 59	0 28	2 7	1 32	24 56	8 13	18 40	19 1	5 4	13 9	0 38
F 10	4 22	20 8	1 2	2 12	0 34	15 56	5 29	22 43	0 19	4 51	1 3	2 38	2 6	22 59	0 28	2 8	1 32	24 56	8 13	18 40	19 2	5 6	13 8	0 38
S 11	3 59	18 19	0n11	3 4	0 47	16 14	5 37	22 47	0 18	4 45	1 3	2 35	2 6	22 59	0 28	2 9	1 32	24 56	8 13	18 40	19 2	5 8	13 6	0 39
S 12	3 35	15 19	1 26	3 54	1 0	16 30	5 45	22 50	0 17	4 40	1 3	2 32	2 6	23 0	0 28	2 10	1 32	24 57	8 13	18 40	19 3	5 10	13 5	0 39
M13	3 11	11 19	2 38	4 43	1 13	16 46	5 53	22 54	0 16	4 34	1 3	2 29	2 6	23 0	0 28	2 11	1 32	24 57	8 13	18 41	19 4	5 13	13 4	0 40
T 14	2 48	6 31	3 41	5 29	1 26	17 1	6 1	22 57	0 14	4 28	1 3	2 26	2 6	23 0	0 28	2 12	1 31	24 57	8 12	18 42	19 5	5 15	13 3	0 40
W15	2 24	1 16	4 29	6 13	1 39	17 15	6 8	23 0	0 13	4 22	1 3	2 23	2 6	23 0	0 28	2 12	1 31	24 57	8 12	18 44	19 5	5 17	13 2	0 40
T 16	2 1	4s 5	4 58	6 55	1 52	17 28	6 16	23 4	0 12	4 17	1 3	2 20	2 6	23 0	0 28	2 13	1 31	24 57	8 12	18 46	19 6	5 20	13 0	0 41
F 17	1 37	9 8	5 7	7 34	2 4	17 40	6 23	23 7	0 11	4 11	1 3	2 17	2 6	23 0	0 28	2 14	1 31	24 58	8 12	18 48	19 7	5 22	12 59	0 41
S 18	1 13	13 34	4 55	8 10	2 16	17 51	6 30	23 9	0 10	4 5	1 3	2 14	2 6	23 0	0 28	2 15	1 31	24 58						

SWISS EPHEMERIS for the year 1702

APRIL 1702

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
S 1	12 35 23	10°Y46'28	19°B15	17°R47	29°R53	0°Z42	25°H31	0°Y59	15°E51	9°Y44	12°R12	4°R40	3°L55	27°Y49	5°R26
S 2	12 39 19	11°45'32	1°II 9	17°Y10	29°Y31	1°12	25°45	1° 6	15°52	9°46	12°L12	4°L31	3°52	27°56	5°M22
M 3	12 43 16	12°44'33	13° 9	16°29	29° 6	1°41	25°59	1°14	15°52	9°48	12°11	4°25	3°48	28° 3	5°18
T 4	12 47 12	13°43'32	25°17	15°45	28°40	2°10	26°14	1°21	15°53	9°50	12°11	4°21	3°45	28°10	5°14
W 5	12 51 9	14°42'29	7°E39	15° 0	28°11	2°39	26°28	1°28	15°53	9°53	12°10	4°19	3°42	28°16	5°10
T 6	12 55 6	15°41'24	20°20	14°14	27°41	3° 8	26°42	1°36	15°54	9°55	12°10	4°D19	3°39	28°23	5° 6
F 7	12 59 2	16°40'16	3°L23	13°27	27° 9	3°37	26°56	1°43	15°55	9°57	12° 9	4°R19	3°36	28°30	5° 1
S 8	13 2 59	17°39'06	16°53	12°42	26°36	4° 5	27°10	1°50	15°55	9°59	12° 9	4°19	3°33	28°36	4°57
S 9	13 6 55	18°37'53	0°M52	11°58	26° 1	4°33	27°24	1°58	15°56	10° 2	12° 8	4°16	3°29	28°43	4°53
M10	13 10 52	19°36'39	15°20	11°16	25°25	5° 1	27°38	2° 5	15°57	10° 4	12° 8	4°12	3°26	28°50	4°48
T 11	13 14 48	20°35'22	0°L14	10°38	24°48	5°29	27°52	2°12	15°58	10° 6	12° 7	4° 4	3°23	28°57	4°44
W12	13 18 45	21°34'03	15°26	10° 3	24°10	5°57	28° 6	2°19	15°59	10° 8	12° 7	3°54	3°20	29° 3	4°39
T 13	13 22 41	22°32'42	0°M47	9°33	23°33	6°24	28°20	2°27	16° 0	10°11	12° 7	3°44	3°17	29°10	4°35
F 14	13 26 38	23°31'19	16° 4	9° 6	22°55	6°51	28°34	2°34	16° 1	10°13	12° 6	3°33	3°13	29°17	4°30
S 15	13 30 35	24°29'54	1°X 7	8°45	22°17	7°18	28°48	2°41	16° 2	10°15	12° 6	3°24	3°10	29°23	4°26
S 16	13 34 31	25°28'28	15°47	8°28	21°39	7°45	29° 1	2°48	16° 3	10°17	12° 6	3°17	3° 7	29°30	4°21
M17	13 38 28	26°27'00	29°59	8°17	21° 2	8°11	29°15	2°55	16° 5	10°20	12° 6	3°13	3° 4	29°37	4°17
T 18	13 42 24	27°25'30	13°Z42	8°10	20°26	8°37	29°29	3° 2	16° 6	10°22	12° 5	3°11	3° 1	29°44	4°12
W19	13 46 21	28°23'59	26°58	8°D 9	19°52	9° 3	29°43	3° 9	16° 7	10°24	12° 5	3°11	2°58	29°50	4° 8
T 20	13 50 17	29°22'26	9°X51	8°13	19°18	9°28	29°56	3°16	16° 9	10°26	12° 5	3°11	2°54	29°57	4° 3
F 21	13 54 14	0°B20'51	22°23	8°21	18°46	9°54	0°Y10	3°23	16°10	10°28	12° 5	3°10	2°51	0°X 4	3°58
S 22	13 58 10	1°19'15	4°H40	8°35	18°16	10°19	0°23	3°30	16°11	10°30	12° 5	3° 7	2°48	0°11	3°54
S 23	14 2 7	2°17'37	16°47	8°53	17°47	10°43	0°37	3°37	16°13	10°33	12° 5	3° 1	2°45	0°17	3°49
M24	14 6 4	3°15'58	28°46	9°15	17°21	11° 8	0°50	3°44	16°14	10°35	12° 5	2°53	2°42	0°24	3°44
T 25	14 10 0	4°14'16	10°Y40	9°42	16°56	11°32	1° 3	3°51	16°16	10°37	12°D 5	2°42	2°39	0°31	3°40
W26	14 13 57	5°12'34	22°33	10°14	16°34	11°55	1°17	3°57	16°18	10°39	12° 5	2°29	2°35	0°37	3°35
T 27	14 17 53	6°10'49	4°B24	10°49	16°14	12°19	1°30	4° 4	16°19	10°41	12° 5	2°14	2°32	0°44	3°30
F 28	14 21 50	7° 9'03	16°17	11°28	15°56	12°42	1°43	4°11	16°21	10°43	12° 5	2° 0	2°29	0°51	3°26
S 29	14 25 46	8° 7'14	28°12	12°11	15°41	13° 4	1°56	4°17	16°23	10°45	12° 5	1°47	2°26	0°58	3°21
S 30	14 29 43	9°B 5'25	10°II11	12°Y57	15°Y28	13°Z27	2°Y 9	4°Y24	16°E25	10°Y47	12°L 5	1°L37	2°L23	1°X 4	3°M16

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
S 1	4n16	12n52	4s53	9n54	3n 9	18n29	7n32	23s39	0s10	2s46	1s 4	1s33	2s 7	23n 0	0n28	2n27	1s31	25n 0	8n11	19n 8	19n18	5n56	12s36	0n47
S 2	4 39 16	0 4 31	9 33	3 2 18	22 7 33	23 40	0 12	2 40	1 4	1 30	2 7	22 59	0 28	2 28	1 31	25 0	8 10	19 10	19 19	5 58	12 35	0 48		
M 3	5 2 18	30 3 57	9 9	2 53	18 13	7 32	23 42	0 14	2 35	1 4	1 27	2 7	22 59	0 28	2 29	1 31	25 0	8 10	19 11	19 20	6 1	12 33	0 48	
T 4	5 25 20	12 3 12	8 43	2 43	18 2	7 32	23 43	0 15	2 29	1 4	1 24	2 7	22 59	0 28	2 30	1 31	25 0	8 10	19 12	19 21	6 3	12 31	0 49	
W 5	5 48 20	59 2 17	8 14	2 31	17 50	7 30	23 44	0 17	2 24	1 4	1 21	2 7	22 59	0 28	2 31	1 31	25 0	8 10	19 13	19 21	6 5	12 30	0 49	
T 6	6 11 20	43 1 14	7 44	2 18	17 37	7 27	23 45	0 19	2 18	1 4	1 18	2 7	22 59	0 28	2 32	1 31	25 0	8 10	19 13	19 22	6 8	12 28	0 50	
F 7	6 34 19	21 0 5	7 13	2 4	17 22	7 24	23 46	0 21	2 12	1 5	1 16	2 7	22 59	0 28	2 33	1 31	25 0	8 10	19 13	19 23	6 10	12 26	0 50	
S 8	6 56 16	51 1n 6	6 42	1 49	17 6	7 20	23 47	0 22	2 7	1 5	1 13	2 7	22 59	0 28	2 34	1 32	25 0	8 10	19 13	19 24	6 12	12 24	0 50	
S 9	7 19 13	18 2 16	6 10	1 33	16 48	7 15	23 48	0 24	2 1	1 5	1 10	2 7	22 59	0 28	2 35	1 32	25 0	8 10	19 13	19 24	6 14	12 22	0 51	
M10	7 41 8	51 3 19	5 39	1 17	16 29	7 9	23 49	0 26	1 56	1 5	1 7	2 7	22 59	0 28	2 35	1 32	25 0	8 9	19 14	19 25	6 17	12 20	0 51	
T 11	8 3 3 44	4 10 5 9	1 1	16 9	7 2	23 50	0 28	1 50	1 5	1 4	2 8	22 59	0 28	2 36	1 32	25 0	8 9	19 16	19 26	6 19	12 19	0 51		
W12	8 25 1s42	4 45 4 40	0 44	15 48	6 55	23 51	0 30	1 45	1 5	1 2	2 8	22 58	0 28	2 37	1 32	25 0	8 9	19 18	19 27	6 21	12 17	0 52		
T 13	8 47 7 4	5 0 4 13	0 28	15 26	6 47	23 51	0 32	1 40	1 5	0 59	2 8	22 58	0 27	2 38	1 32	25 0	8 9	19 21	19 27	6 23	12 15	0 52		
F 14	9 9 11 59	4 54 3 47	0 11	15 4	6 37	23 52	0 34	1 34	1 5	0 56	2 8	22 58	0 27	2 39	1 32	25 0	8 9	19 23	19 28	6 26	12 13	0 53		
S 15	9 31 16 4	4 27 3 24	0s 5	14 40	6 28	23 52	0 36	1 29	1 5	0 53	2 8	22 58	0 27	2 40	1 32	25 0	8 9	19 26	19 29	6 28	12 11	0 53		
S 16	9 52 19 2	3 43 3 3	0 21	14 16	6 17	23 53	0 38	1 23	1 5	0 51	2 8	22 58	0 27	2 41	1 32	25 0	8 9	19 27	19 29	6 30	12 9	0 53		
M17	10 13 20 43	2 46 2 44	0 36	13 52	6 6	23 53	0 40	1 18	1 5	0 48	2 8	22 58	0 27	2 41	1 32	25 0	8 8	19 28	19 30	6 33	12 7	0 54		
T 18	10 34 21 6	1 41 2 28	0 51	13 28	5 54	23 54	0 42	1 13	1 6	0 45	2 8	22 57	0 27	2 42	1 32	24 59	8 8	19 29	19 31	6 35	12 5	0 54		
W19	10 55 20 16	0 33 2 15	1 5	13 3	5 42	23 54	0 45	1 7	1 6	0 42	2 8	22 57	0 27	2 43	1 32	24 59	8 8	19 29	19 32	6 37	12 3	0 55		
T 20	11 16 18 23	0s35 2 4	1 18	12 38	5 29	23 55	0 47	1 2	1 6	0 40	2 8	22 57	0 27	2 44	1 32	24 59	8 8	19 29	19 32	6 39	12 2	0 55		
F 21	11 37 15 39	1 40 1 56	1 31	12 14	5 16	23 55	0 49	0 57	1 6	0 37	2 9	22 57	0 27	2 45	1 32	24 59	8 8	19 29	19 33	6 42	12 0	0 55		
S 22	11 57 12 16	2 38 1 50	1 42	11 50	5 3	23 56	0 51	0 51	1 6	0 34	2 9	22 57	0 27	2 46	1 32	24 59	8 8	19 30	19 34	6 44	11 58	0 56		
S 23	12 17 8 25	3 28 1 47	1 53	11 26	4 49	23 56	0 54	0 46	1 6	0 32	2 9	22 57	0 27	2 46	1 32	24 59	8 7	19 31	19 35	6 46	11 56	0 56		
M24	12 37 4 18	4 9 1 47	2 4 11	3 4	4 35	23 56	0 56	0 41	1 6	0 29	2 9	22 56	0 27	2 47	1 32	24 59	8 7	19 33	19 35	6 49	11 54	0 56		
T 25	12 57 0 2	4 38 1 49	2 13	10 41	4 21	23 57	0 58	0 36	1 6	0 27	2 9	22 56	0 27	2 48	1 32	24 59	8 7	19 35	19 36	6 51	11 52	0 57		
W26	13 17 4n13	4 55 1 53	2 22	10 19	4 7	23 57	1 1	0 30	1 6	0 24	2 9	22 56	0 27	2 49	1 32	24 58	8 7	19 38	19 37	6 53	11 50	0 57		
T 27	13 36 8 19	4 59 2 0	2 30	9 58	3 52	23 57	1 3	0 25	1 7	0 21	2 9	22 56	0 27	2 50	1 32	24 58	8 7	19 41	19 37	6 55	11 48	0 58		
F 28	13 55 12 6	4 50 2 8	2 37	9 38	3 38	23 58	1 6	0 20	1 7	0 19	2 9	22 55	0 27	2 50	1 32	24 58	8 7	19 45	19 38	6 58	11 46	0 58		
S 29	14 14 15 25	4 29 2 19	2 43	9 19	3 24	23 58	1 9	0 15	1 7	0 16	2 10	22 55	0 27	2 51	1 32	24 58	8 7	19 48	19 39	7 0	11 44	0 58		
S 30	14n33	18n 8	3s55	2n32	2s48	9n 1	3n10	23s59	1s11	0s10	1s 7	0s14	2s10	22n55	0n27	2n52	1s32	24n58	8n 6	19n50	19n40	7n 2	11s42	0n59

Julian Day Number = 2342792.5, Delta T = 7.84 sec
 Ecliptic obliquity = 23°28'36", Nutation = - 0°00'15"

SWISS EPHEMERIS for the year 1702

MAY 1702

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	14 33 39	10♌ 3'33	22♈15	13♋47	15°R18	13♉48	2♊22	4♋31	16♌27	10♍49	12♎ 5	1°R29	2♏19	1♐11	3°R12
T 2	14 37 36	11° 1'39	4♌29	14°41	15♋10	14°10	2°35	4°37	16°29	10°51	12° 6	1♎23	2°16	1°18	3♏ 7
W 3	14 41 33	11°59'44	16°54	15°37	15° 4	14°31	2°48	4°44	16°31	10°53	12° 6	1°21	2°13	1°24	3° 3
T 4	14 45 29	12°57'46	29°34	16°36	15° 1	14°52	3° 1	4°50	16°33	10°55	12° 6	1°D20	2°10	1°31	2°58
F 5	14 49 26	13°55'47	12♌34	17°39	15°D 0	15°12	3°13	4°56	16°35	10°57	12° 6	1°R20	2° 7	1°38	2°53
S 6	14 53 22	14°53'46	25°57	18°44	15° 1	15°32	3°26	5° 3	16°37	10°59	12° 7	1°20	2° 4	1°45	2°49
S 7	14 57 19	15°51'43	9♍47	19°52	15° 5	15°52	3°39	5° 9	16°39	11° 1	12° 7	1°18	2° 0	1°51	2°44
M 8	15 1 15	16°49'38	24° 4	21° 3	15°11	16°11	3°51	5°15	16°41	11° 3	12° 7	1°14	1°57	1°58	2°40
T 9	15 5 12	17°47'31	8♌47	22°16	15°19	16°29	4° 3	5°22	16°43	11° 5	12° 8	1° 7	1°54	2° 5	2°36
W10	15 9 8	18°45'22	23°50	23°32	15°30	16°48	4°16	5°28	16°46	11° 7	12° 8	0°59	1°51	2°12	2°31
T 11	15 13 5	19°43'12	9♍ 6	24°50	15°42	17° 6	4°28	5°34	16°48	11° 9	12° 9	0°49	1°48	2°18	2°27
F 12	15 17 2	20°41'00	24°22	26°11	15°57	17°23	4°40	5°40	16°50	11°11	12° 9	0°39	1°45	2°25	2°23
S 13	15 20 58	21°38'47	9♌28	27°34	16°13	17°40	4°52	5°46	16°53	11°13	12°10	0°30	1°41	2°32	2°19
S 14	15 24 55	22°36'33	24°15	28°59	16°32	17°56	5° 4	5°52	16°55	11°14	12°10	0°23	1°38	2°38	2°14
M15	15 28 51	23°34'17	8♉36	0♌27	16°52	18°12	5°16	5°58	16°58	11°16	12°11	0°19	1°35	2°45	2°10
T 16	15 32 48	24°32'00	22°27	1°57	17°14	18°27	5°28	6° 3	17° 0	11°18	12°11	0°18	1°32	2°52	2° 6
W17	15 36 44	25°29'42	5♌50	3°29	17°38	18°42	5°40	6° 9	17° 3	11°20	12°12	0°D17	1°29	2°59	2° 2
T 18	15 40 41	26°27'23	18°47	5° 4	18° 3	18°56	5°52	6°15	17° 5	11°21	12°12	0°18	1°25	3° 5	1°58
F 19	15 44 37	27°25'03	1♌22	6°41	18°30	19°10	6° 3	6°20	17° 8	11°23	12°13	0°R18	1°22	3°12	1°54
S 20	15 48 34	28°22'42	13°39	8°20	18°59	19°23	6°15	6°26	17°11	11°25	12°14	0°17	1°19	3°19	1°50
S 21	15 52 31	29°20'20	25°43	10° 2	19°29	19°36	6°26	6°32	17°13	11°27	12°14	0°14	1°16	3°26	1°47
M22	15 56 27	0♈17'57	7♋40	11°45	20° 0	19°48	6°38	6°37	17°16	11°28	12°15	0° 8	1°13	3°32	1°43
T 23	16 0 24	1°15'33	19°32	13°31	20°33	19°59	6°49	6°42	17°19	11°30	12°16	29♌59	1°10	3°39	1°39
W24	16 4 20	2°13'07	1♌23	15°20	21° 8	20°10	7° 0	6°48	17°22	11°31	12°17	29°50	1° 6	3°46	1°36
T 25	16 8 17	3°10'41	13°16	17°10	21°43	20°20	7°11	6°53	17°25	11°33	12°17	29°40	1° 3	3°52	1°32
F 26	16 12 13	4° 8'14	25°12	19° 3	22°20	20°29	7°22	6°58	17°27	11°35	12°18	29°29	1° 0	3°59	1°29
S 27	16 16 10	5° 5'46	7♈13	20°58	22°58	20°38	7°33	7° 3	17°30	11°36	12°19	29°19	0°57	4° 6	1°26
S 28	16 20 6	6° 3'17	19°20	22°55	23°37	20°46	7°44	7° 8	17°33	11°38	12°20	29°11	0°54	4°13	1°22
M29	16 24 3	7° 0'46	1♌36	24°54	24°17	20°54	7°54	7°13	17°36	11°39	12°21	29° 6	0°50	4°19	1°19
T 30	16 28 0	7°58'15	14° 0	26°55	24°58	21° 1	8° 5	7°18	17°39	11°41	12°22	29° 2	0°47	4°26	1°16
W31	16 31 56	8♈55'43	26♌36	28♌58	25♋40	21♉ 7	8♊15	7♋23	17♌42	11♍42	12♎23	29°D 1	0♏44	4♐33	1♑13

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	14n51	20n 5	3s11	2n47	2s53	8n44	2n56	23s59	1s14	0s 5	1s 7	0s11	2s10	22n55	0n27	2n53	1s32	24n58	8n 6	19n52	19n40	7n 5	11s40	0n59
T 2	15 10 21	7 2 17	3 4	2 57	8 28	2 42	24 0	1 17	0n 0	1 7	0 9	2 10	22 54	0 27	2 54	1 32	24 57	8 6	19 53	19 41	7 7	11 39	0 59	
W 3	15 28 21	9 1 16	3 23	3 0	8 13	2 28	24 0	1 19	0 5	1 7	0 7	2 10	22 54	0 27	2 54	1 32	24 57	8 6	19 53	19 42	7 9	11 37	1 0	
T 4	15 45 20	7 0 9	3 43	3 3	7 59	2 15	24 0	1 22	0 10	1 8	0 4	2 10	22 54	0 27	2 55	1 32	24 57	8 6	19 54	19 42	7 11	11 35	1 0	
F 5	16 3 18	0 0n59	4 5	3 5	7 47	2 1	24 1	1 25	0 15	1 8	0 2	2 10	22 54	0 27	2 56	1 32	24 57	8 6	19 54	19 43	7 14	11 33	1 0	
S 6	16 20 14	5 2 6	4 29	3 6	7 35	1 48	24 2	1 28	0 20	1 8	0n 1	2 11	22 53	0 27	2 57	1 32	24 56	8 5	19 54	19 44	7 16	11 31	1 1	
S 7	16 37 10	4 9 3	4 54	3 7	7 25	1 36	24 2	1 31	0 25	1 8	0 3	2 11	22 53	0 27	2 57	1 32	24 56	8 5	19 54	19 45	7 18	11 29	1 1	
M 8	16 53 6	3 4 1	5 21	3 6	7 16	1 23	24 3	1 34	0 30	1 8	0 5	2 11	22 53	0 27	2 58	1 32	24 56	8 5	19 55	19 45	7 21	11 27	1 1	
T 9	17 10 0	4 7 4	4 39	5 48	3 6	7 8	1 11	24 4	1 37	0 34	1 8	0 8	2 11	22 53	0 27	2 59	1 32	24 56	8 5	19 56	19 46	7 23	11 26	1 2
W10	17 26 4	5 37 4	5 68	3 4	7 1	0 59	24 4	1 40	0 39	1 8	0 10	2 11	22 52	0 27	2 59	1 32	24 55	8 5	19 58	19 47	7 25	11 24	1 2	
T 11	17 42 9	5 40 4	5 68	3 2	6 55	0 48	24 5	1 43	0 44	1 9	0 12	2 11	22 52	0 27	3 0	1 32	24 55	8 5	20 0	19 47	7 27	11 22	1 2	
F 12	17 57 14	25 4 37	7 20	3 0	6 51	0 36	24 6	1 46	0 49	1 9	0 14	2 12	22 52	0 27	3 1	1 32	24 55	8 5	20 3	19 48	7 30	11 20	1 3	
S 13	18 12 18	2 3 55	7 53	2 56	6 47	0 25	24 7	1 50	0 53	1 9	0 17	2 12	22 51	0 27	3 1	1 32	24 55	8 4	20 4	19 49	7 32	11 19	1 3	
S 14	18 27 20	22 2 59	8 27	2 52	6 44	0 15	24 8	1 53	0 58	1 9	0 19	2 12	22 51	0 27	3 2	1 32	24 54	8 4	20 6	19 50	7 34	11 17	1 3	
M15	18 42 21	19 1 53	9 1	2 48	6 42	0 5	24 10	1 56	1 2	1 9	0 21	2 12	22 51	0 27	3 3	1 32	24 54	8 4	20 7	19 50	7 37	11 15	1 4	
T 16	18 56 20	55 0 42	9 37	2 43	6 42	0s 5	24 11	2 00	1 7	1 9	0 23	2 12	22 50	0 27	3 3	1 32	24 54	8 4	20 7	19 51	7 39	11 13	1 4	
W17	19 10 19	19 0s30	10 14	2 37	6 42	0 15	24 12	2 3	1 11	1 9	0 25	2 13	22 50	0 27	3 4	1 33	24 53	8 4	20 7	19 52	7 41	11 12	1 4	
T 18	19 24 16	45 1 37	10 51	2 31	6 43	0 24	24 14	2 7	1 16	1 10	0 27	2 13	22 50	0 27	3 5	1 33	24 53	8 4	20 7	19 52	7 43	11 10	1 5	
F 19	19 37 13	28 2 38	11 29	2 25	6 45	0 33	24 15	2 10	1 20	1 10	0 29	2 13	22 49	0 27	3 5	1 33	24 53	8 4	20 7	19 53	7 46	11 8	1 5	
S 20	19 50 9	40 3 30	12 8	2 18	6 48	0 42	24 17	2 14	1 25	1 10	0 31	2 13	22 49	0 27	3 6	1 33	24 52	8 3	20 7	19 54	7 48	11 7	1 5	
S 21	20 2 5 33	4 11 12	47 2 10	6 52	0 50	24 19	2 18	1 29	1 10	0 33	2 13	22 49	0 27	3 7	1 33	24 52	8 3	20 8	19 55	7 50	11 5	1 5		
M22	20 15 1 16	4 41 13	27 2 2	6 56	0 58	24 21	2 21	1 34	1 10	0 35	2 14	22 48	0 27	3 7	1 33	24 52	8 3	20 9	19 55	7 53	11 4	1 6		
T 23	20 27 3n 2	4 59 14	7 1 54	7 1	1 6	24 23	2 25	1 38	1 11	0 37	2 14	22 48	0 27	3 8	1 33	24 51	8 3	20 11	19 56	7 55	11 2	1 6		
W24	20 38 7 13	5 4 14	47 1 45	7 7	1 13	24 25	2 29	1 42	1 11	0 39	2 14	22 48	0 27	3 8	1 33	24 51	8 3	20 13	19 57	7 57	11 1	1 6		
T 25	20 49 11 8	4 56 15	27 1 36	7 14	1 20	24 27	2 33	1 46	1 11	0 41	2 14	22 47	0 27	3 9	1 33	24 51	8 3	20 15	19 57	7 59	10 59	1 7		
F 26	21 0 14 39	4 35 16	8 1 26	7 21	1 27	24 30	2 37	1 50	1 11	0 43	2 14	22 47	0 27	3 10	1 33	24 50	8 3	20 17	19 58	8 2	10 58	1 7		
S 27	21 11 17 35	4 1 16	48 1 16	7 29	1 34	24 32	2 41	1 55	1 11	0 45	2 15	22 46	0 27	3 10	1 33	24 50	8 2	20 19	19 59	8 4	10 56	1 7		
S 28	21 21 19 47	3 16 17	28 1 6	7 38	1 40	24 35	2 45	1 59	1 11	0 46	2 15	22 46	0 27	3 11	1 33	24 49	8 2	20 21	19 59	8 6	10 55	1 7		
M29	21 31 21 6	2 22 18	7 0 56	7 47	1 46	24 38	2 49	2 3	1 12	0 48	2 15	22 46	0 27	3 11	1 33	24 49	8 2	20 22	20 0	8 8	10 54	1 8		
T 30	21 40 21 25	1 20 18	46 0 45	7 57	1 52	24 41	2 53	2 7	1 12	0 50	2 15	22 45	0 27	3 12	1 33	24 49	8 2</							

SWISS EPHEMERIS for the year 1702

JUNE 1702

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	16 35 53	9II53'09	9Ω25	1II 2	26V23	21Ξ12	8V26	7V28	17Ξ45	11V43	12Ω24	29Ξ 2	0Ω41	4Ξ39	1°R10
F 2	16 39 49	10°50'34	22°31	3° 9	27° 7	21°17	8°36	7°32	17°48	11°45	12°25	29° 3	0°38	4°46	1M 7
S 3	16 43 46	11°47'58	5Π55	5°17	27°52	21°21	8°46	7°37	17°51	11°46	12°26	29°R 4	0°35	4°53	1° 4
S 4	16 47 42	12°45'20	19°40	7°26	28°38	21°24	8°56	7°41	17°55	11°47	12°27	29° 3	0°31	5° 0	1° 2
M 5	16 51 39	13°42'42	3Ξ47	9°36	29°24	21°27	9° 6	7°46	17°58	11°49	12°28	29° 2	0°28	5° 6	0°59
T 6	16 55 35	14°40'02	18°14	11°47	0Ξ11	21°29	9°16	7°50	18° 1	11°50	12°29	28°58	0°25	5°13	0°57
W 7	16 59 32	15°37'22	2M59	13°59	0°59	21°30	9°26	7°55	18° 4	11°51	12°30	28°53	0°22	5°20	0°54
T 8	17 3 29	16°34'40	17°55	16°11	1°48	21°R31	9°35	7°59	18° 7	11°52	12°31	28°47	0°19	5°27	0°52
F 9	17 7 25	17°31'58	2Ξ55	18°23	2°38	21°30	9°44	8° 3	18°11	11°54	12°32	28°41	0°16	5°33	0°50
S 10	17 11 22	18°29'15	17°48	20°34	3°28	21°29	9°54	8° 7	18°14	11°55	12°34	28°36	0°12	5°40	0°48
S 11	17 15 18	19°26'31	2Ξ27	22°46	4°19	21°27	10° 3	8°11	18°17	11°56	12°35	28°32	0° 9	5°47	0°46
M12	17 19 15	20°23'47	16°45	24°56	5°10	21°25	10°12	8°15	18°20	11°57	12°36	28°30	0° 6	5°53	0°44
T 13	17 23 11	21°21'02	0Ξ88	27° 6	6° 2	21°22	10°21	8°19	18°24	11°58	12°37	28°D29	0° 3	6° 0	0°42
W14	17 27 8	22°18'17	14° 4	29°14	6°55	21°18	10°30	8°22	18°27	11°59	12°39	28°30	29Ξ59	6° 7	0°40
T 15	17 31 4	23°15'32	27° 5	1Ξ21	7°48	21°13	10°38	8°26	18°31	12° 0	12°40	28°31	29°56	6°14	0°39
F 16	17 35 1	24°12'46	9Ξ44	3°26	8°42	21° 7	10°47	8°29	18°34	12° 1	12°41	28°33	29°53	6°20	0°37
S 17	17 38 58	25°10'00	22° 5	5°30	9°37	21° 1	10°55	8°33	18°37	12° 2	12°42	28°R34	29°50	6°27	0°36
S 18	17 42 54	26° 7'14	4V12	7°31	10°32	20°54	11° 4	8°36	18°41	12° 3	12°44	28°34	29°47	6°34	0°34
M19	17 46 51	27° 4'28	16° 9	9°31	11°27	20°46	11°12	8°40	18°44	12° 4	12°45	28°32	29°44	6°41	0°33
T 20	17 50 47	28° 1'41	28° 2	11°29	12°23	20°38	11°20	8°43	18°48	12° 5	12°47	28°29	29°41	6°47	0°32
W21	17 54 44	28°58'55	9Ξ54	13°25	13°19	20°28	11°28	8°46	18°51	12° 6	12°48	28°25	29°37	6°54	0°31
T 22	17 58 40	29°56'08	21°49	15°18	14°16	20°19	11°35	8°49	18°55	12° 6	12°49	28°20	29°34	7° 1	0°30
F 23	18 2 37	0Ξ53'22	3II50	17°10	15°13	20° 8	11°43	8°52	18°58	12° 7	12°51	28°15	29°31	7° 7	0°30
S 24	18 6 33	1°50'35	15°59	19° 0	16°11	19°57	11°50	8°55	19° 2	12° 8	12°52	28°11	29°28	7°14	0°29
S 25	18 10 30	2°47'48	28°18	20°47	17° 9	19°45	11°58	8°57	19° 5	12° 9	12°54	28° 8	29°25	7°21	0°28
M26	18 14 27	3°45'01	10Ξ48	22°32	18° 7	19°33	12° 5	9° 0	19° 9	12° 9	12°55	28° 6	29°22	7°28	0°28
T 27	18 18 23	4°42'14	23°29	24°15	19° 6	19°20	12°12	9° 3	19°12	12°10	12°57	28°D 5	29°18	7°34	0°28
W28	18 22 20	5°39'27	6Ω23	25°56	20° 5	19° 6	12°19	9° 5	19°16	12°10	12°58	28° 5	29°15	7°41	0°27
T 29	18 26 16	6°36'39	19°31	27°35	21° 4	18°52	12°25	9° 7	19°20	12°11	13° 0	28° 6	29°12	7°48	0°27
F 30	18 30 13	7Ξ33'52	2M52	29Ξ11	22Ξ 4	18Ξ37	12V32	9V10	19Ξ23	12V12	13Ω 1	28Ξ 7	29Ξ 9	7Ξ54	0°D27

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	21n58	18n49	0n56	20n 1	0s23	8n17	2s 3	24s47	3s 1	2n15	1s12	0n53	2s16	22n44	0n27	3n13	1s33	24n48	8n 2	20n23	20n 2	8n15	10s50	1n 8
F 2	22 6 15 58	2 3 20 37	0 13 8 29	2 8 24 51	3 6 2 18	1 12 0 55	2 16 22 44	0 27 3 13	1 33 24 47	8 2 20 23	20 3 8 18	10 48 1 9												
S 3	22 14 12 14	3 6 21 11	0 2 8 40	2 12 24 54	3 10 2 22	1 13 0 57	2 16 22 44	0 27 3 14	1 33 24 47	8 1 20 23	20 4 8 20	10 47 1 9												
S 4	22 22 7 46	3 59 21 44	0n 9 8 52	2 17 24 58	3 14 2 26	1 13 0 58	2 16 22 43	0 27 3 14	1 33 24 47	8 1 20 23	20 4 8 22	10 46 1 9												
M 5	22 29 2 46	4 39 22 15	0 19 9 5	2 21 25 2	3 19 2 30	1 13 1 0	2 17 22 43	0 27 3 15	1 33 24 46	8 1 20 23	20 5 8 24	10 45 1 10												
T 6	22 36 2s29	5 3 22 43	0 30 9 17	2 25 25 6	3 23 2 33	1 13 1 1	2 17 22 42	0 27 3 15	1 33 24 46	8 1 20 24	20 6 8 27	10 44 1 10												
W 7	22 42 7 42	5 8 23 10	0 40 9 30	2 29 25 10	3 27 2 37	1 13 1 3	2 17 22 42	0 27 3 16	1 34 24 45	8 1 20 25	20 6 8 29	10 43 1 10												
T 8	22 48 12 31	4 52 23 34	0 49 9 44	2 33 25 14	3 32 2 40	1 14 1 4	2 17 22 41	0 27 3 16	1 34 24 45	8 1 20 26	20 7 8 31	10 42 1 10												
F 9	22 53 16 35	4 16 23 56	0 58 9 58	2 36 25 19	3 36 2 44	1 14 1 5	2 18 22 41	0 27 3 16	1 34 24 44	8 1 20 27	20 8 8 33	10 41 1 11												
S 10	22 59 19 33	3 23 24 15	1 7 10 12	2 39 25 23	3 41 2 47	1 14 1 7	2 18 22 41	0 27 3 17	1 34 24 44	8 1 20 28	20 8 8 36	10 40 1 11												
S 11	23 3 21 11	2 17 24 31	1 15 10 26	2 42 25 28	3 45 2 51	1 14 1 8	2 18 22 40	0 27 3 17	1 34 24 44	8 1 20 29	20 9 8 38	10 39 1 11												
M12	23 8 21 23	1 3 24 45	1 22 10 41	2 45 25 33	3 50 2 54	1 15 1 9	2 18 22 40	0 27 3 18	1 34 24 43	8 0 20 30	20 10 8 40	10 38 1 11												
T 13	23 12 20 14	0s12 24 55	1 29 10 55	2 47 25 38	3 54 2 57	1 15 1 11	2 18 22 39	0 27 3 18	1 34 24 43	8 0 20 30	20 10 8 43	10 37 1 11												
W14	23 15 17 58	1 24 25 3	1 35 11 10	2 50 25 43	3 59 3 1	1 15 1 12	2 19 22 39	0 27 3 18	1 34 24 42	8 0 20 30	20 11 8 45	10 36 1 12												
T 15	23 18 14 50	2 30 25 8	1 40 11 25	2 52 25 48	4 3 3 4	1 15 1 13	2 19 22 38	0 27 3 19	1 34 24 42	8 0 20 29	20 12 8 47	10 36 1 12												
F 16	23 21 11 6	3 26 25 11	1 45 11 41	2 54 25 54	4 8 3 7	1 15 1 14	2 19 22 38	0 27 3 19	1 34 24 41	8 0 20 29	20 12 8 49	10 35 1 12												
S 17	23 23 6 59	4 11 25 10	1 49 11 56	2 56 25 59	4 12 3 10	1 16 1 15	2 20 22 37	0 27 3 19	1 34 24 41	8 0 20 29	20 13 8 52	10 34 1 12												
S 18	23 25 2 41	4 45 25 7	1 52 12 12	2 57 26 5	4 17 3 13	1 16 1 17	2 20 22 37	0 27 3 20	1 34 24 40	8 0 20 29	20 14 8 54	10 33 1 13												
M19	23 27 1n40	5 5 25 2	1 54 12 27	2 59 26 10	4 21 3 16	1 16 1 18	2 20 22 36	0 27 3 20	1 34 24 40	8 0 20 29	20 14 8 56	10 33 1 13												
T 20	23 28 5 56	5 12 24 54	1 56 12 43	3 0 26 16	4 26 3 19	1 16 1 19	2 20 22 36	0 27 3 20	1 34 24 39	8 0 20 30	20 15 8 58	10 32 1 13												
W21	23 28 9 58	5 6 24 44	1 57 12 59	3 1 26 22	4 30 3 22	1 17 1 20	2 21 22 35	0 27 3 20	1 34 24 39	8 0 20 31	20 16 9 1	10 32 1 13												
T 22	23 29 13 38	4 47 24 32	1 57 13 15	3 2 26 28	4 35 3 25	1 17 1 21	2 21 22 35	0 27 3 21	1 34 24 38	8 0 20 32	20 16 9 3	10 31 1 13												
F 23	23 28 16 47	4 14 24 18	1 56 13 30	3 3 26 34	4 39 3 27	1 17 1 21	2 21 22 34	0 27 3 21	1 34 24 38	7 59 20 33	20 17 9 5	10 31 1 14												
S 24	23 28 19 15	3 31 24 2	1 55 13 46	3 4 26 39	4 43 3 30	1 17 1 22	2 21 22 34	0 27 3 21	1 34 24 37	7 59 20 33	20 18 9 8	10 30 1 14												
S 25	23 27 20 52	2 36 23 44	1 53 14 2	3 4 26 45	4 47 3 33	1 18 1 23	2 22 22 33	0 27 3 21	1 34 24 37	7 59 20 34	20 18 9 10	10 30 1 14												
M26	23 25 21 29	1 34 23 25	1 51 14 18	3 5 26 51	4 51 3 35	1 18 1 24	2 22 22 33	0 27 3 22	1 35 24 36	7 59 20 35	20 19 9 12	10 30 1 14												
T 27	23 24 21 1	0 25 23 4	1 48 14 34	3 5 26 57	4 56 3 38	1 18 1 25	2 22 22 32	0 27 3 22	1 35 24 36	7 59 20 35	20 20 9 14	10 29 1 15												
W28	23 21 19 26	0n46 22 42	1 44 14 49	3 5 27 3	5 0 3 40	1 18 1 25	2 22 22 32	0 27 3 22	1 35 24 35	7 59 20 35	20 20 9 17	10 29 1 15												
T 29	23 19 16 49	1 55 22 18	1 40 15 5	3 5 27 9	5 3 3 43	1 19 1 26	2 23 22 31	0 27 3 22	1 35 24 35	7 59 20 35	20 21 9 19	10 29 1 15												
F 30	23n16	13n16	3n 0	21n54	1n35	15n21	3s 4	27s15	5s 7	3n45	1s19	1n27	2s23	22n31	0n27	3n22	1s35	24n34	7n59	20n34	20n22	9n21	10s29	1n15

Julian Day Number = 2342853.5, Delta T = 7.84 sec
 Ecliptic obliquity = 23°28'36", Nutation = - 0°00'16"
 Ayanamsha: Fagan/Bradley = 20°35'11", Lahiri = 19°42'10"Greg. Calendar

SWISS EPHEMERIS for the year 1702

SEPTEMBER 1702

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
F 1	22 38 36	7 ^h 58'05"	2 ^h 34'	20 ^h 11'	1 ^h 56'	13 ^h 36'	13 ^h R16	8 ^h R14	23 ^h 00'	11 ^h R43	14 ^h 53'	27 ^h 27'	25 ^h 49'	14 ^h 58'	3 ^h M52	3 ^h M52								
S 2	22 42 32	8 ^h 56'16"	16 ^h 19'	21 ^h 28'	3 ^h 7'	13 ^h 23'	13 ^h Y11	8 ^h Y10	23 ^h 3'	11 ^h Y41	14 ^h 54'	27 ^h 28'	25 ^h 45'	15 ^h 5'	3 ^h S58	3 ^h S58								
S 3	22 46 29	9 ^h 54'28"	29 ^h 45'	22 ^h 51'	4 ^h 18'	13 ^h 40'	13 ^h 5'	8 ^h 6'	23 ^h 6'	11 ^h 40'	14 ^h 56'	27 ^h R28	25 ^h 42'	15 ^h 11'	4 ^h 4'	4 ^h 4'								
M 4	22 50 25	10 ^h 52'42"	12 ^h 35'59"	24 ^h 19'	5 ^h 29'	13 ^h 58'	13 ^h 0'	8 ^h 2'	23 ^h 8'	11 ^h 39'	14 ^h 58'	27 ^h 27'	25 ^h 39'	15 ^h 18'	4 ^h 10'	4 ^h 10'								
T 5	22 54 22	11 ^h 50'58"	26 ^h 2'	25 ^h 52'	6 ^h 40'	14 ^h 16'	12 ^h 54'	7 ^h 59'	23 ^h 11'	11 ^h 37'	15 ^h 0'	27 ^h 24'	25 ^h 36'	15 ^h 25'	4 ^h 16'	4 ^h 16'								
W 6	22 58 19	12 ^h 49'15"	8 ^h 52'	27 ^h 29'	7 ^h 51'	14 ^h 35'	12 ^h 48'	7 ^h 55'	23 ^h 14'	11 ^h 36'	15 ^h 1'	27 ^h 19'	25 ^h 33'	15 ^h 31'	4 ^h 23'	4 ^h 23'								
T 7	23 2 15	13 ^h 47'34"	21 ^h 31'	29 ^h 9'	9 ^h 3'	14 ^h 55'	12 ^h 42'	7 ^h 51'	23 ^h 17'	11 ^h 35'	15 ^h 3'	27 ^h 11'	25 ^h 30'	15 ^h 38'	4 ^h 29'	4 ^h 29'								
F 8	23 6 12	14 ^h 45'55"	3 ^h Y57	0 ^h Y52	10 ^h 14'	15 ^h 15'	12 ^h 36'	7 ^h 46'	23 ^h 19'	11 ^h 33'	15 ^h 5'	27 ^h 3'	25 ^h 26'	15 ^h 45'	4 ^h 35'	4 ^h 35'								
S 9	23 10 8	15 ^h 44'18"	16 ^h 12'	2 ^h 38'	11 ^h 26'	15 ^h 36'	12 ^h 30'	7 ^h 42'	23 ^h 22'	11 ^h 32'	15 ^h 6'	26 ^h 54'	25 ^h 23'	15 ^h 52'	4 ^h 42'	4 ^h 42'								
S 10	23 14 5	16 ^h 42'43"	28 ^h 16'	4 ^h 25'	12 ^h 37'	15 ^h 57'	12 ^h 23'	7 ^h 38'	23 ^h 24'	11 ^h 30'	15 ^h 8'	26 ^h 45'	25 ^h 20'	15 ^h 58'	4 ^h 49'	4 ^h 49'								
M11	23 18 1	17 ^h 41'10"	10 ^h 13'	6 ^h 15'	13 ^h 49'	16 ^h 19'	12 ^h 17'	7 ^h 34'	23 ^h 27'	11 ^h 29'	15 ^h 9'	26 ^h 38'	25 ^h 17'	16 ^h 5'	4 ^h 55'	4 ^h 55'								
T 12	23 21 58	18 ^h 39'39"	22 ^h 5'	8 ^h 5'	15 ^h 1'	16 ^h 42'	12 ^h 10'	7 ^h 30'	23 ^h 29'	11 ^h 27'	15 ^h 11'	26 ^h 32'	25 ^h 14'	16 ^h 12'	5 ^h 2'	5 ^h 2'								
W13	23 25 54	19 ^h 38'10"	3 ^h II56	9 ^h 57'	16 ^h 13'	17 ^h 5'	12 ^h 3'	7 ^h 25'	23 ^h 32'	11 ^h 26'	15 ^h 13'	26 ^h 29'	25 ^h 11'	16 ^h 18'	5 ^h 9'	5 ^h 9'								
T 14	23 29 51	20 ^h 36'44"	15 ^h 51'	11 ^h 49'	17 ^h 25'	17 ^h 28'	11 ^h 56'	7 ^h 21'	23 ^h 34'	11 ^h 24'	15 ^h 14'	26 ^h D27	25 ^h 7'	16 ^h 25'	5 ^h 15'	5 ^h 15'								
F 15	23 33 48	21 ^h 35'19"	27 ^h 54'	13 ^h 41'	18 ^h 37'	17 ^h 52'	11 ^h 49'	7 ^h 16'	23 ^h 36'	11 ^h 23'	15 ^h 16'	26 ^h 27'	25 ^h 4'	16 ^h 32'	5 ^h 22'	5 ^h 22'								
S 16	23 37 44	22 ^h 33'57"	10 ^h 10'	15 ^h 33'	19 ^h 49'	18 ^h 16'	11 ^h 42'	7 ^h 12'	23 ^h 39'	11 ^h 21'	15 ^h 17'	26 ^h 28'	25 ^h 1'	16 ^h 39'	5 ^h 29'	5 ^h 29'								
S 17	23 41 41	23 ^h 32'37"	22 ^h 46'	17 ^h 25'	21 ^h 1'	18 ^h 41'	11 ^h 35'	7 ^h 8'	23 ^h 41'	11 ^h 20'	15 ^h 19'	26 ^h R29	24 ^h 58'	16 ^h 45'	5 ^h 36'	5 ^h 36'								
M18	23 45 37	24 ^h 31'20"	5 ^h Q44	19 ^h 17'	22 ^h 14'	19 ^h 6'	11 ^h 27'	7 ^h 3'	23 ^h 43'	11 ^h 18'	15 ^h 20'	26 ^h 28'	24 ^h 55'	16 ^h 52'	5 ^h 43'	5 ^h 43'								
T 19	23 49 34	25 ^h 30'04"	19 ^h 8'	21 ^h 8'	23 ^h 26'	19 ^h 32'	11 ^h 20'	6 ^h 59'	23 ^h 45'	11 ^h 16'	15 ^h 22'	26 ^h 26'	24 ^h 51'	16 ^h 59'	5 ^h 50'	5 ^h 50'								
W20	23 53 30	26 ^h 28'51"	2 ^h Y58	22 ^h 59'	24 ^h 39'	19 ^h 58'	11 ^h 12'	6 ^h 54'	23 ^h 47'	11 ^h 15'	15 ^h 23'	26 ^h 22'	24 ^h 48'	17 ^h 5'	5 ^h 58'	5 ^h 58'								
T 21	23 57 27	27 ^h 27'40"	17 ^h 14'	24 ^h 49'	25 ^h 51'	20 ^h 25'	11 ^h 5'	6 ^h 49'	23 ^h 50'	11 ^h 13'	15 ^h 25'	26 ^h 15'	24 ^h 45'	17 ^h 12'	6 ^h 5'	6 ^h 5'								
F 22	0 1 23	28 ^h 26'30"	1 ^h 51'	26 ^h 39'	27 ^h 4'	20 ^h 52'	10 ^h 57'	6 ^h 45'	23 ^h 52'	11 ^h 12'	15 ^h 26'	26 ^h 6'	24 ^h 42'	17 ^h 19'	6 ^h 12'	6 ^h 12'								
S 23	0 5 20	29 ^h 25'23"	16 ^h 42'	28 ^h 28'	28 ^h 17'	21 ^h 20'	10 ^h 49'	6 ^h 40'	23 ^h 54'	11 ^h 10'	15 ^h 28'	25 ^h 56'	24 ^h 39'	17 ^h 25'	6 ^h 19'	6 ^h 19'								
S 24	0 9 16	0 ^h 24'18"	1 ^h M37	0 ^h 216	29 ^h 29'	21 ^h 48'	10 ^h 41'	6 ^h 35'	23 ^h 55'	11 ^h 8'	15 ^h 29'	25 ^h 46'	24 ^h 36'	17 ^h 32'	6 ^h 27'	6 ^h 27'								
M25	0 13 13	1 ^h 23'14"	16 ^h 28'	2 ^h 3'	0 ^h Y42	22 ^h 16'	10 ^h 34'	6 ^h 31'	23 ^h 57'	11 ^h 7'	15 ^h 30'	25 ^h 38'	24 ^h 32'	17 ^h 39'	6 ^h 34'	6 ^h 34'								
T 26	0 17 10	2 ^h 22'13"	1 ^h Y 7	3 ^h 49'	1 ^h 55'	22 ^h 45'	10 ^h 26'	6 ^h 26'	23 ^h 59'	11 ^h 5'	15 ^h 32'	25 ^h 32'	24 ^h 29'	17 ^h 46'	6 ^h 41'	6 ^h 41'								
W27	0 21 6	3 ^h 21'13"	15 ^h 30'	5 ^h 34'	3 ^h 8'	23 ^h 14'	10 ^h 18'	6 ^h 21'	24 ^h 1'	11 ^h 3'	15 ^h 33'	25 ^h 29'	24 ^h 26'	17 ^h 52'	6 ^h 49'	6 ^h 49'								
T 28	0 25 3	4 ^h 20'15"	29 ^h 33'	7 ^h 19'	4 ^h 21'	23 ^h 43'	10 ^h 10'	6 ^h 17'	24 ^h 3'	11 ^h 2'	15 ^h 34'	25 ^h D28	24 ^h 23'	17 ^h 59'	6 ^h 56'	6 ^h 56'								
F 29	0 28 59	5 ^h 19'19"	13 ^h 16'	9 ^h 2'	5 ^h 34'	24 ^h 13'	10 ^h 2'	6 ^h 12'	24 ^h 5'	11 ^h 0'	15 ^h 36'	25 ^h 28'	24 ^h 20'	18 ^h 6'	7 ^h 4'	7 ^h 4'								
S 30	0 32 56	6 ^h 18'24"	26 ^h 34'	10 ^h 45'	6 ^h Y48	24 ^h 343	9 ^h Y54	6 ^h Y 7	24 ^h 26 6	10 ^h Y58	15 ^h Q37	25 ^h R28	24 ^h 17	18 ^h 12	7 ^h M12	7 ^h M12								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	8n36	21s17	2n10	15n11	0n26	19n31	0s16	27s37	4s49	3n47	1s36	0n50	2s39	21n58	0n28	3n 8	1s38	24n 4	8n 2	20n42	21n 1	11n42	11s29	1n26
S 2	8 14	21 29	1 0	14 59	0 39	19 18	0 12	27 33	4 46	3 44	1 36	0 48	2 39	21 58	0 28	3 7	1 38	24 3	8 2	20 42	21 2	11 44	11 31	1 26
S 3	7 52	20 26	0s12	14 43	0 50	19 4	0 9	27 28	4 43	3 42	1 36	0 47	2 39	21 57	0 28	3 7	1 38	24 3	8 2	20 42	21 2	11 46	11 33	1 26
M 4	7 30	18 16	1 23	14 23	1 1	18 51	0 5	27 23	4 40	3 40	1 36	0 45	2 40	21 57	0 28	3 6	1 38	24 3	8 3	20 42	21 3	11 49	11 34	1 26
T 5	7 8	15 11	2 28	14 1	1 10	18 36	0 2	27 19	4 38	3 37	1 37	0 43	2 40	21 56	0 28	3 6	1 38	24 2	8 3	20 43	21 3	11 51	11 36	1 26
W 6	6 45	11 25	3 24	13 36	1 19	18 21	0n 1	27 14	4 35	3 35	1 37	0 42	2 40	21 56	0 28	3 5	1 38	24 2	8 3	20 44	21 4	11 53	11 38	1 27
T 7	6 23	7 12	4 10	13 8	1 26	18 6	0 5	27 9	4 32	3 32	1 37	0 40	2 40	21 55	0 28	3 5	1 38	24 2	8 3	20 45	21 5	11 55	11 40	1 27
F 8	6 1	2 45	4 42	12 37	1 32	17 50	0 8																	

SWISS EPHEMERIS for the year 1702

OCTOBER 1702

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	0 36 52	7♁1732	9♁50	12♁27	8♁ 1	25♁14	9°R46	6°R 3	24♁ 8	10°R57	15♁38	25°R27	24♁13	18♁19	7♁19
M 2	0 40 49	8°16'40	22°45	14° 8	9°14	25°45	9°Y37	5°Y58	24° 9	10°Y55	15°40	25♁24	24°10	18°26	7°27
T 3	0 44 45	9°15'51	5♁28	15°48	10°28	26°16	9°29	5°53	24°11	10°53	15°41	25°19	24° 7	18°33	7°35
W 4	0 48 42	10°15'04	18° 0	17°28	11°41	26°47	9°21	5°48	24°12	10°52	15°42	25°10	24° 4	18°39	7°42
T 5	0 52 39	11°14'19	0°Y23	19° 7	12°55	27°19	9°13	5°44	24°14	10°50	15°43	24°59	24° 1	18°46	7°50
F 6	0 56 35	12°13'35	12°37	20°44	14° 8	27°51	9° 5	5°39	24°15	10°48	15°44	24°46	23°57	18°53	7°58
S 7	1 0 32	13°12'54	24°43	22°22	15°22	28°24	8°57	5°34	24°17	10°47	15°45	24°32	23°54	18°59	8° 6
S 8	1 4 28	14°12'15	6♁42	23°58	16°35	28°56	8°49	5°30	24°18	10°45	15°47	24°18	23°51	19° 6	8°14
M 9	1 8 25	15°11'37	18°36	25°34	17°49	29°29	8°41	5°25	24°19	10°43	15°48	24° 6	23°48	19°13	8°21
T 10	1 12 21	16°11'03	0°II26	27° 9	19° 3	0° 2	8°33	5°21	24°20	10°42	15°49	23°56	23°45	19°20	8°29
W 11	1 16 18	17°10'30	12°16	28°43	20°17	0°36	8°25	5°16	24°21	10°40	15°50	23°49	23°42	19°26	8°37
T 12	1 20 14	18°10'00	24° 9	0°III17	21°31	1° 9	8°17	5°12	24°22	10°38	15°51	23°45	23°38	19°33	8°45
F 13	1 24 11	19° 9'32	6♁ 9	1°50	22°45	1°43	8°10	5° 7	24°23	10°37	15°52	23°43	23°35	19°40	8°53
S 14	1 28 8	20° 9'06	18°22	3°22	23°59	2°18	8° 2	5° 3	24°24	10°35	15°53	23°43	23°32	19°46	9° 1
S 15	1 32 4	21° 8'43	0♁52	4°54	25°13	2°52	7°54	4°58	24°25	10°33	15°54	23°43	23°29	19°53	9°10
M 16	1 36 1	22° 8'22	13°46	6°25	26°27	3°27	7°47	4°54	24°26	10°32	15°55	23°42	23°26	20° 0	9°18
T 17	1 39 57	23° 8'03	27° 7	7°56	27°41	4° 2	7°39	4°49	24°27	10°30	15°56	23°39	23°22	20° 7	9°26
W 18	1 43 54	24° 7'46	10°II58	9°26	28°55	4°37	7°32	4°45	24°28	10°29	15°56	23°33	23°19	20°13	9°34
T 19	1 47 50	25° 7'32	25°18	10°55	0° 10	5°12	7°24	4°41	24°28	10°27	15°57	23°25	23°16	20°20	9°42
F 20	1 51 47	26° 7'20	10♁ 5	12°24	1°24	5°47	7°17	4°37	24°29	10°25	15°58	23°15	23°13	20°27	9°50
S 21	1 55 43	27° 7'09	25°11	13°52	2°38	6°23	7°10	4°32	24°30	10°24	15°59	23° 3	23°10	20°33	9°58
S 22	1 59 40	28° 7'01	10°III25	15°19	3°53	6°59	7° 3	4°28	24°30	10°22	16° 0	22°52	23° 7	20°40	10° 7
M 23	2 3 37	29° 6'55	25°37	16°46	5° 7	7°35	6°56	4°24	24°31	10°21	16° 0	22°42	23° 3	20°47	10°15
T 24	2 7 33	0°III 6'51	10°Y37	18°12	6°22	8°12	6°49	4°20	24°31	10°19	16° 1	22°35	23° 0	20°53	10°23
W 25	2 11 30	1° 6'48	25°16	19°37	7°36	8°48	6°42	4°16	24°31	10°17	16° 2	22°30	22°57	21° 0	10°31
T 26	2 15 26	2° 6'47	9°Y31	21° 2	8°51	9°25	6°36	4°12	24°32	10°16	16° 2	22°28	22°54	21° 7	10°39
F 27	2 19 23	3° 6'48	23°20	22°26	10° 5	10° 2	6°29	4° 9	24°32	10°14	16° 3	22°D27	22°51	21°14	10°48
S 28	2 23 19	4° 6'50	6♁44	23°49	11°20	10°39	6°23	4° 5	24°32	10°13	16° 4	22°R27	22°48	21°20	10°56
S 29	2 27 16	5° 6'54	19°47	25°11	12°35	11°16	6°17	4° 1	24°32	10°11	16° 4	22°27	22°44	21°27	11° 4
M 30	2 31 12	6° 6'59	2°Y32	26°32	13°49	11°53	6°11	3°58	24°32	10°10	16° 5	22°24	22°41	21°34	11°13
T 31	2 35 9	7°II 7'06	15°Y 3	27°II52	15° 4	12° 31	6°Y 5	3°Y54	24°R32	10°Y 9	16° 5	22° 19	22° 38	21° 40	11° 21

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	2s54	19s 1	1s15	4s15	0n44	9n38	1n 9	24s29	3s25	2n21	1s39	0s 5	2s42	21n47	0n29	2n49	1s39	23n56	8n 8	21n 5	21n18	12n47	12s32	1n31
M 2	3 17	16 9	2 19	5 0	0 38	9 13	1 11	24 21	3 23	2 18	1 39	0 6	2 42	21 47	0 29	2 49	1 39	23 55	8 8	21 5	21 19	12 50	12 35	1 32
T 3	3 41	12 32	3 15	5 45	0 31	8 47	1 13	24 12	3 20	2 15	1 39	0 8	2 42	21 47	0 29	2 48	1 39	23 55	8 9	21 7	21 19	12 52	12 37	1 32
W 4	4 4	8 26	4 0	6 29	0 25	8 20	1 14	24 4	3 18	2 12	1 39	0 10	2 42	21 47	0 29	2 47	1 39	23 55	8 9	21 8	21 20	12 54	12 39	1 32
T 5	4 27	4 2	4 33	7 13	0 18	7 54	1 16	23 55	3 15	2 8	1 39	0 12	2 42	21 46	0 29	2 47	1 39	23 55	8 9	21 10	21 20	12 56	12 41	1 32
F 6	4 50	0n29	4 53	7 56	0 11	7 27	1 18	23 46	3 12	2 5	1 39	0 14	2 42	21 46	0 29	2 46	1 39	23 55	8 9	21 12	21 21	12 58	12 44	1 32
S 7	5 14	4 56	5 0	8 39	0 4	7 0	1 19	23 37	3 10	2 2	1 39	0 16	2 42	21 46	0 29	2 45	1 39	23 55	8 10	21 15	21 22	13 0	12 46	1 33
S 8	5 37	9 9	4 53	9 21	0s 3	6 33	1 21	23 27	3 7	1 59	1 39	0 17	2 42	21 46	0 29	2 45	1 39	23 55	8 10	21 17	21 22	13 3	12 48	1 33
M 9	6 0	13 0	4 34	10 3	0 9	6 5	1 22	23 18	3 5	1 56	1 39	0 19	2 42	21 46	0 29	2 44	1 39	23 55	8 10	21 19	21 23	13 5	12 51	1 33
T 10	6 23	16 20	4 2	10 44	0 16	5 37	1 24	23 8	3 2	1 53	1 39	0 21	2 42	21 45	0 29	2 43	1 39	23 55	8 11	21 21	21 23	13 7	12 53	1 33
W 11	6 45	18 59	3 20	11 24	0 23	5 10	1 25	22 59	3 0	1 50	1 39	0 23	2 42	21 45	0 29	2 43	1 39	23 55	8 11	21 22	21 24	13 9	12 55	1 33
T 12	7 8	20 51	2 29	12 4	0 30	4 41	1 26	22 49	2 57	1 47	1 39	0 25	2 42	21 45	0 29	2 42	1 39	23 54	8 11	21 23	21 24	13 11	12 58	1 34
F 13	7 31	21 49	1 31	12 43	0 37	4 13	1 27	22 39	2 55	1 44	1 39	0 26	2 42	21 45	0 29	2 42	1 39	23 54	8 11	21 23	21 25	13 13	13 0	1 34
S 14	7 53	21 45	0 28	13 21	0 44	3 45	1 28	22 28	2 52	1 41	1 39	0 28	2 42	21 45	0 29	2 41	1 39	23 54	8 12	21 24	21 25	13 15	13 2	1 34
S 15	8 16	20 37	0n38	13 58	0 51	3 16	1 29	22 18	2 50	1 38	1 38	0 30	2 42	21 45	0 29	2 40	1 39	23 54	8 12	21 24	21 26	13 18	13 5	1 34
M 16	8 38	18 23	1 44	14 35	0 57	2 48	1 30	22 8	2 47	1 35	1 38	0 31	2 42	21 45	0 29	2 40	1 39	23 54	8 12	21 24	21 26	13 20	13 7	1 35
T 17	9 0	15 6	2 47	15 11	1 4	2 19	1 31	21 57	2 45	1 32	1 38	0 33	2 42	21 44	0 29	2 39	1 39	23 54	8 13	21 24	21 27	13 22	13 9	1 35
W 18	9 22	10 53	3 42	15 46	1 11	1 50	1 32	21 46	2 42	1 29	1 38	0 35	2 41	21 44	0 29	2 38	1 39	23 54	8 13	21 25	21 28	13 24	13 12	1 35
T 19	9 44	5 55	4 25	16 21	1 17	1 21	1 33	21 35	2 40	1 27	1 38	0 36	2 41	21 44	0 29	2 38	1 39	23 54	8 13	21 27	21 28	13 26	13 14	1 35
F 20	10 6	0 29	4 52	16 54	1 24	0 52	1 33	21 24	2 38	1 24	1 38	0 38	2 41	21 44	0 29	2 37	1 39	23 54	8 13	21 28	21 29	13 28	13 17	1 35
S 21	10 28	5s 6	5 0	17 27	1 30	0 23	1 34	21 13	2 35	1 21	1 38	0 39	2 41	21 44	0 29	2 36	1 39	23 54	8 14	21 30	21 29	13 30	13 19	1 36
S 22	10 49	10 26	4 46	17 59	1 36	0s 6	1 34	21 1	2 33	1 18	1 38	0 41	2 41	21 44	0 29	2 36	1 39	23 54	8 14	21 32	21 30	13 33	13 21	1 36
M 23	11 11	15 6	4 13	18 30	1 42	0 35	1 35	20 50	2 31	1 16	1 37	0 43	2 41	21 44	0 29	2 35	1 39	23 54	8 14	21 34	21 30	13 35	13 24	1 36
T 24	11 32	18 45	3 22	19 0	1 48	1 4	1 35	20 38	2 28	1 13	1 37	0 44	2 41	21 44	0 29	2 35	1 39	23 55	8 15	21 35	21 31	13 37	13 26	1 36
W 25	11 53	21 5	2 18	19 29	1 53	1 34	1 35	20 26	2 26	1 11	1 37	0 45	2 41	21 44	0 29	2 34	1 39	23 55	8 15	21 36	21 31	13 39	13 28	1 37
T 26	12 14	22 0	1 8	19 57	1 59	2 3	1 36	20 14	2 24	1 8	1 37	0 47	2 41	21 44	0 29	2 34	1 39	23 55	8 15	21 36	21 32	13 41	13 31	1 37
F 27	12 34	21 32	0s 5	20 24	2 4	2 32	1 36	20 2	2 21	1 6	1 37	0 48	2 40	21 44	0 29	2 33	1 39	23 55	8 15	21 36	21 32	13 43	13 33	1 37
S 28	12 55	19 49	1 15	20 50	2 9	3 1	1 36	19 49	2 19	1 4	1 37	0 50	2 40	21 44	0 29	2 32	1 39	23 55	8 16	21 36	21 33	13 45	13 35	1 37
S 29	13 15	17 6	2 19	21 15	2 14	3 30	1 36	19																

SWISS EPHEMERIS for the year 1702

NOVEMBER 1702

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	2 39 6	8♁ 7'14	27♁22	29♁11	16♁19	13♁ 9	5°R59	3°R51	24°R32	10°R 7	16♁ 6	22°R10	22♁35	21♁47	11♁29
T 2	2 43 2	9° 7'24	9♁32	0♁29	17°33	13°46	5°Y54	3°Y47	24♁32	10°Y 6	16° 6	21♁59	22°32	21°54	11°37
F 3	2 46 59	10° 7'36	21°35	1°45	18°48	14°24	5°48	3°44	24°32	10° 4	16° 7	21°47	22°28	22° 1	11°46
S 4	2 50 55	11° 7'49	3♁33	3° 0	20° 3	15° 3	5°43	3°41	24°32	10° 3	16° 7	21°33	22°25	22° 7	11°54
S 5	2 54 52	12° 8'05	15°28	4°13	21°18	15°41	5°38	3°37	24°32	10° 2	16° 8	21°20	22°22	22°14	12° 2
M 6	2 58 48	13° 8'22	27°19	5°24	22°33	16°19	5°33	3°34	24°32	10° 0	16° 8	21° 8	22°19	22°21	12°11
T 7	3 2 45	14° 8'41	9♁ 9	6°33	23°48	16°58	5°28	3°31	24°31	9°59	16° 8	20°58	22°16	22°27	12°19
W 8	3 6 41	15° 9'01	21° 1	7°40	25° 3	17°36	5°24	3°28	24°31	9°58	16° 9	20°51	22°13	22°34	12°27
T 9	3 10 38	16° 9'24	2♁55	8°44	26°18	18°15	5°20	3°26	24°30	9°56	16° 9	20°47	22° 9	22°41	12°36
F 10	3 14 35	17° 9'48	14°57	9°45	27°33	18°54	5°15	3°23	24°30	9°55	16° 9	20°45	22° 6	22°47	12°44
S 11	3 18 31	18°10'14	27°10	10°43	28°48	19°33	5°11	3°20	24°29	9°54	16° 9	20°D45	22° 3	22°54	12°52
S 12	3 22 28	19°10'42	9♁38	11°37	0♁ 3	20°12	5° 8	3°18	24°29	9°53	16°10	20°46	22° 0	23° 1	13° 0
M13	3 26 24	20°11'12	22°27	12°27	1°18	20°51	5° 4	3°15	24°28	9°51	16°10	20°R46	21°57	23° 8	13° 9
T 14	3 30 21	21°11'44	5♁40	13°12	2°33	21°30	5° 1	3°13	24°27	9°50	16°10	20°45	21°54	23°14	13°17
W15	3 34 17	22°12'18	19°22	13°51	3°48	22°10	4°57	3°11	24°26	9°49	16°10	20°42	21°50	23°21	13°25
T 16	3 38 14	23°12'53	3♁33	14°24	5° 3	22°49	4°54	3° 8	24°26	9°48	16°10	20°36	21°47	23°28	13°33
F 17	3 42 10	24°13'30	18°12	14°51	6°19	23°29	4°52	3° 6	24°25	9°47	16°10	20°29	21°44	23°34	13°41
S 18	3 46 7	25°14'09	3♁14	15° 9	7°34	24° 8	4°49	3° 4	24°24	9°46	16°R10	20°20	21°41	23°41	13°50
S 19	3 50 3	26°14'49	18°31	15°20	8°49	24°48	4°47	3° 2	24°23	9°45	16°10	20°11	21°38	23°48	13°58
M20	3 54 0	27°15'31	3♁50	15°R21	10° 4	25°28	4°44	3° 1	24°22	9°44	16°10	20° 4	21°34	23°54	14° 6
T 21	3 57 57	28°16'14	19° 2	15°13	11°20	26° 8	4°42	2°59	24°21	9°43	16°10	19°58	21°31	24° 1	14°14
W22	4 1 53	29°16'59	3♁55	14°54	12°35	26°48	4°41	2°57	24°20	9°42	16°10	19°55	21°28	24° 8	14°22
T 23	4 5 50	0♁17'45	18°24	14°24	13°50	27°28	4°39	2°56	24°18	9°41	16°10	19°D54	21°25	24°15	14°30
F 24	4 9 46	1°18'32	2♁26	13°43	15° 5	28° 8	4°38	2°55	24°17	9°40	16° 9	19°54	21°22	24°21	14°38
S 25	4 13 43	2°19'19	15°59	12°52	16°21	28°48	4°36	2°53	24°16	9°39	16° 9	19°55	21°19	24°28	14°46
S 26	4 17 39	3°20'08	29° 7	11°51	17°36	29°29	4°35	2°52	24°15	9°38	16° 9	19°R56	21°15	24°35	14°54
M27	4 21 36	4°20'57	11♁52	10°41	18°51	0♁ 9	4°35	2°51	24°13	9°37	16° 9	19°56	21°12	24°41	15° 2
T 28	4 25 33	5°21'48	24°20	9°24	20° 7	0°50	4°34	2°50	24°12	9°37	16° 9	19°54	21° 9	24°48	15°10
W29	4 29 29	6°22'39	6♁33	8° 3	21°22	1°30	4°34	2°49	24°10	9°36	16° 8	19°50	21° 6	24°55	15°18
T 30	4 33 26	7°23'31	18♁36	6♁41	22♁37	2♁11	4°D34	2°Y49	24♁ 9	9°Y35	16♁ 8	19♁44	21♁ 3	25♁ 1	15♁26

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	14s14	5s14	4s34	22s23	2s26	4s58	1n35	18s59	2s10	0n55	1s36	0s55	2s40	21n44	0n30	2n30	1s39	23n55	8n17	21n39	21n35	13n54	13s44	1n38
T 2	14 34	0 43	4 54	22 43	2 30	5 27	1 35	18 46	2 8	0 53	1 35	0 56	2 40	21 44	0 30	2 30	1 39	23 55	8 17	21 41	21 35	13 56	13 47	1 39
F 3	14 53	3n46	5 1	23 2	2 33	5 55	1 34	18 33	2 6	0 51	1 35	0 57	2 39	21 44	0 30	2 29	1 39	23 56	8 18	21 43	21 36	13 58	13 49	1 39
S 4	15 11	8 6	4 55	23 20	2 35	6 24	1 34	18 19	2 4	0 49	1 35	0 58	2 39	21 44	0 30	2 29	1 38	23 56	8 18	21 45	21 37	14 0	13 51	1 39
S 5	15 30	12 6	4 35	23 36	2 38	6 53	1 33	18 6	2 2	0 47	1 35	0 59	2 39	21 44	0 30	2 28	1 38	23 56	8 18	21 47	21 37	14 2	13 54	1 40
M 6	15 48	15 38	4 4	23 51	2 40	7 21	1 33	17 52	2 0	0 46	1 35	1 0	2 39	21 44	0 30	2 28	1 38	23 56	8 18	21 49	21 38	14 4	13 56	1 40
T 7	16 7	18 32	3 22	24 5	2 41	7 49	1 32	17 39	1 57	0 44	1 34	1 1	2 39	21 44	0 30	2 27	1 38	23 56	8 19	21 50	21 38	14 6	13 58	1 40
W 8	16 24	20 39	2 31	24 17	2 41	8 18	1 31	17 25	1 55	0 43	1 34	1 2	2 39	21 45	0 30	2 27	1 38	23 57	8 19	21 51	21 39	14 9	14 0	1 40
T 9	16 42	21 53	1 34	24 27	2 42	8 46	1 31	17 11	1 53	0 41	1 34	1 3	2 38	21 45	0 30	2 26	1 38	23 57	8 19	21 52	21 39	14 11	14 3	1 41
F 10	16 59	22 7	0 31	24 36	2 41	9 13	1 30	16 57	1 51	0 40	1 34	1 4	2 38	21 45	0 30	2 26	1 38	23 57	8 20	21 52	21 40	14 13	14 5	1 41
S 11	17 16	21 19	0n34	24 43	2 40	9 41	1 29	16 42	1 49	0 38	1 33	1 5	2 38	21 45	0 30	2 25	1 38	23 57	8 20	21 52	21 40	14 15	14 7	1 41
S 12	17 33	19 28	1 39	24 49	2 37	10 8	1 28	16 28	1 47	0 37	1 33	1 6	2 38	21 45	0 30	2 25	1 38	23 57	8 20	21 52	21 41	14 17	14 9	1 42
M13	17 49	16 35	2 41	24 52	2 34	10 35	1 27	16 14	1 45	0 36	1 33	1 7	2 38	21 45	0 30	2 24	1 38	23 58	8 21	21 52	21 41	14 19	14 11	1 42
T 14	18 5	12 48	3 36	24 54	2 30	11 2	1 26	15 59	1 43	0 35	1 33	1 8	2 37	21 45	0 30	2 24	1 38	23 58	8 21	21 52	21 42	14 21	14 14	1 42
W15	18 21	8 13	4 21	24 54	2 25	11 29	1 24	15 44	1 41	0 34	1 32	1 8	2 37	21 46	0 30	2 23	1 38	23 58	8 21	21 53	21 42	14 23	14 16	1 42
T 16	18 36	3 3	4 52	24 52	2 19	11 55	1 23	15 30	1 39	0 33	1 32	1 9	2 37	21 46	0 30	2 23	1 38	23 58	8 22	21 54	21 43	14 25	14 18	1 43
F 17	18 51	2s27	5 5	24 48	2 12	12 21	1 22	15 15	1 37	0 32	1 32	1 10	2 37	21 46	0 30	2 23	1 38	23 59	8 22	21 55	21 43	14 27	14 20	1 43
S 18	19 6	7 57	4 58	24 41	2 3	12 47	1 20	15 0	1 35	0 31	1 31	1 10	2 37	21 46	0 30	2 22	1 38	23 59	8 22	21 56	21 44	14 29	14 22	1 43
S 19	19 21	13 3	4 29	24 32	1 53	13 13	1 19	14 45	1 33	0 30	1 31	1 11	2 36	21 46	0 30	2 22	1 38	23 59	8 23	21 57	21 44	14 32	14 24	1 44
M20	19 35	17 19	3 41	24 21	1 42	13 38	1 18	14 29	1 32	0 30	1 31	1 11	2 36	21 46	0 30	2 22	1 38	24 0	8 23	21 59	21 45	14 34	14 26	1 44
T 21	19 48	20 24	2 38	24 7	1 29	14 3	1 16	14 14	1 30	0 29	1 31	1 12	2 36	21 47	0 30	2 21	1 38	24 0	8 23	21 59	21 45	14 36	14 29	1 44
W22	20 2 22	0 1	25	23 51	1 14	14 27	1 14	13 59	1 28	0 29	1 30	1 12	2 36	21 47	0 30	2 21	1 38	24 0	8 23	22 0	21 46	14 38	14 31	1 45
T 23	20 15	22 5	0 8	23 31	0 58	14 52	1 13	13 43	1 26	0 28	1 30	1 13	2 35	21 47	0 30	2 20	1 38	24 1	8 24	22 0	21 46	14 40	14 33	1 45
F 24	20 27	20 44	1s 7	23 9	0 40	15 15	1 11	13 27	1 24	0 28	1 30	1 13	2 35	21 47	0 30	2 20	1 38	24 1	8 24	22 0	21 47	14 42	14 35	1 45
S 25	20 39	18 14	2 16	22 44	0 22	15 39	1 9	13 12	1 22	0 28	1 29	1 13	2 35	21 48	0 30	2 20	1 38	24 1	8 24	22 0	21 47	14 44	14 37	1 46
S 26	20 51	14 51	3 16	22 17	0 2	16 2	1 8	12 56	1 21	0 28	1 29	1 13	2 35	21 48	0 30	2 20	1 38	24 2	8 25	22 0	21 48	14 46	14 39	1 46
M27	21 3	10 52	4 4	21 47	0n18	16 24	1 6	12 40	1 19	0 28	1 29	1 14	2 35	21 48	0 30	2 19	1 38	24 2	8 25	22 0	21 48	14 48	14 41	1 46
T 28	21 14	6 31	4 39	21 16	0 39	16 46	1 4	12 24	1 17	0 28	1 29	1 14	2 34	21 49	0 31	2 19	1 38	24 2	8 25	22 0	21 49	14 50	14 43	1 46
W29	21 24	2 0	5 1	20 43	0 59	17 8	1 2	12 8	1 15	0 28	1 28	1 14	2 34	21 49	0 31	2 19	1 38	24 3	8 26	22 1	21 49	14 52		

SWISS EPHEMERIS for the year 1702

DECEMBER 1702

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	4 37 22	8♂24'24"	0♁33	5°R19	23♁53	2♁51	4♁34	2°R48	24°R 7	9°R34	16°R 8	19°R37	21♁ 0	25♁ 8	15♁34
S 2	4 41 19	9°25'18"	12°26	4♁ 1	25° 8	3°32	4°34	2°R47	24♁ 6	9°R34	16°R 7	19♁29	20°56	25°15	15°42
S 3	4 45 15	10°26'13"	24° 17	2°49	26°24	4°13	4°35	2°47	24° 4	9°33	16° 7	19°21	20°53	25°22	15°50
M 4	4 49 12	11°27'08"	6♁ 18	1°45	27°39	4°53	4°35	2°47	24° 2	9°33	16° 6	19°14	20°50	25°28	15°58
T 5	4 53 8	12°28'05"	18° 2	0°51	28°54	5°34	4°36	2°46	24° 1	9°32	16° 6	19° 8	20°47	25°35	16° 5
W 6	4 57 5	13°29'03"	29°59	0° 8	0♁10	6°15	4°37	2°D46	23°59	9°32	16° 5	19° 4	20°44	25°42	16°13
T 7	5 1 2	14°30'01"	12♁ 2	29♁37	1°25	6°56	4°39	2°46	23°57	9°31	16° 5	19° 3	20°40	25°48	16°21
F 8	5 4 58	15°31'01"	24°12	29°16	2°41	7°37	4°40	2°47	23°55	9°31	16° 4	19°D 2	20°37	25°55	16°28
S 9	5 8 55	16°32'02"	6♁33	29°D 7	3°56	8°18	4°42	2°47	23°53	9°30	16° 4	19° 4	20°34	26° 2	16°36
S 10	5 12 51	17°33'03"	19° 7	29° 8	5°11	8°59	4°44	2°47	23°51	9°30	16° 3	19° 5	20°31	26° 8	16°43
M11	5 16 48	18°34'06"	1♁57	29°18	6°27	9°40	4°46	2°48	23°50	9°29	16° 2	19° 7	20°28	26°15	16°51
T 12	5 20 44	19°35'09"	15° 8	29°38	7°42	10°21	4°48	2°48	23°48	9°29	16° 2	19°R 8	20°25	26°22	16°58
W13	5 24 41	20°36'14"	28°41	0♁ 6	8°58	11° 3	4°51	2°49	23°45	9°29	16° 1	19° 8	20°21	26°29	17° 6
T 14	5 28 37	21°37'19"	12♁39	0°40	10°13	11°44	4°54	2°50	23°43	9°28	16° 0	19° 6	20°18	26°35	17°13
F 15	5 32 34	22°38'25"	27° 1	1°22	11°29	12°25	4°57	2°51	23°41	9°28	16° 0	19° 4	20°15	26°42	17°20
S 16	5 36 31	23°39'32"	11♁44	2° 9	12°44	13° 6	5° 0	2°52	23°39	9°28	15°59	19° 0	20°12	26°49	17°28
S 17	5 40 27	24°40'40"	26°43	3° 1	14° 0	13°48	5° 3	2°53	23°37	9°28	15°58	18°56	20° 9	26°55	17°35
M18	5 44 24	25°41'49"	11♁57	3°58	15°15	14°29	5° 7	2°54	23°35	9°28	15°57	18°53	20° 6	27° 2	17°42
T 19	5 48 20	26°42'58"	26°55	4°58	16°31	15°10	5°10	2°55	23°33	9°28	15°56	18°51	20° 2	27° 9	17°49
W20	5 52 17	27°44'08"	11♁49	6° 2	17°46	15°52	5°14	2°57	23°30	9°28	15°56	18°D50	19°59	27°15	17°56
T 21	5 56 13	28°45'18"	26°24	7° 9	19° 2	16°33	5°18	2°58	23°28	9°D28	15°55	18°50	19°56	27°22	18° 3
F 22	6 0 10	29°46'28"	10♁34	8°19	20°17	17°15	5°23	3° 0	23°26	9°28	15°54	18°51	19°53	27°29	18°10
S 23	6 4 6	0♁47'38"	24°18	9°31	21°33	17°56	5°27	3° 2	23°23	9°28	15°53	18°52	19°50	27°36	18°17
S24	6 8 3	1°48'48"	7♁35	10°45	22°48	18°37	5°32	3° 3	23°21	9°28	15°52	18°54	19°46	27°42	18°24
M25	6 12 0	2°49'58"	20°27	12° 1	24° 4	19°19	5°37	3° 5	23°19	9°28	15°51	18°55	19°43	27°49	18°31
T 26	6 15 56	3°51'08"	2♁59	13°19	25°19	20° 1	5°42	3° 7	23°16	9°28	15°50	18°R55	19°40	27°56	18°37
W27	6 19 53	4°52'18"	15°13	14°38	26°35	20°42	5°47	3°10	23°14	9°28	15°49	18°55	19°37	28° 2	18°44
T 28	6 23 49	5°53'28"	27°15	15°58	27°50	21°24	5°53	3°12	23°11	9°28	15°48	18°54	19°34	28° 9	18°50
F 29	6 27 46	6°54'37"	9♁10	17°20	29° 6	22° 5	5°58	3°14	23° 9	9°29	15°47	18°52	19°31	28°16	18°57
S 30	6 31 42	7°55'46"	21° 0	18°43	0♁21	22°47	6° 4	3°17	23° 6	9°29	15°46	18°51	19°27	28°22	19° 3
S 31	6 35 39	8♁56'56"	2♁51	20♁ 6	1♁36	23♁28	6°R10	3°R19	23♁ 4	9°R29	15°R45	18♁49	19♁24	28♁29	19♁10

Day	☉			☽			♀		♁		♂		♃		♅		♁		♁		♁		♁	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	21s44	6n56	5s 3	19s38	1n36	17s50	0n58	11s35	1s12	0n29	1s28	1s14	2s34	21n49	0n31	2n18	1s38	24n 4	8n26	22n 2	21n50	14n56	14s49	1n48
S 2	21 54 11	4 4	4 45	19 8	1 53	18 10	0 56	11 19	1 10	0 29	1 27	1 14	2 33	21 50	0 31	2 18	1 37	24 4	8 26	22 4	21 51	14 58	14 51	1 48
S 3	22 3 14	46 4	4 14	18 40	2 7	18 30	0 54	11 2	1 8	0 29	1 27	1 14	2 33	21 50	0 31	2 18	1 37	24 4	8 27	22 5	21 51	15 1	14 53	1 48
M 4	22 11 17	53 3	3 32	18 16	2 20	18 49	0 52	10 46	1 7	0 30	1 27	1 14	2 33	21 50	0 31	2 18	1 37	24 5	8 27	22 6	21 52	15 3	14 54	1 49
T 5	22 20 20	16 2	4 17	17 55	2 30	19 8	0 50	10 29	1 5	0 31	1 26	1 14	2 33	21 51	0 31	2 18	1 37	24 5	8 27	22 7	21 52	15 5	14 56	1 49
W 6	22 27 21	46 1	4 42	17 39	2 38	19 26	0 48	10 13	1 3	0 31	1 26	1 13	2 32	21 51	0 31	2 17	1 37	24 6	8 28	22 7	21 53	15 7	14 58	1 49
T 7	22 34 22	18 0	3 38	17 26	2 43	19 44	0 45	9 56	1 2	0 32	1 26	1 13	2 32	21 51	0 31	2 17	1 37	24 6	8 28	22 7	21 53	15 9	15 0	1 50
F 8	22 41 21	46 0n28	17 19	2 47	20 1	0 43	9 39	1 0	0 33	1 25	1 13	2 32	21 52	0 31	2 17	1 37	24 7	8 28	22 7	21 54	15 11	15 2	1 50	
S 9	22 48 20	11 1	3 34	17 15	2 49	20 18	0 41	9 22	0 58	0 34	1 25	1 13	2 32	21 52	0 31	2 17	1 37	24 7	8 29	22 7	21 54	15 13	15 4	1 50
S 10	22 54 17	36 2	3 37	17 15	2 49	20 34	0 39	9 6	0 57	0 35	1 25	1 12	2 31	21 52	0 31	2 17	1 37	24 7	8 29	22 7	21 54	15 15	15 5	1 51
M11	22 59 14	7 3	3 34	17 18	2 48	20 49	0 36	8 49	0 55	0 36	1 25	1 12	2 31	21 53	0 31	2 17	1 37	24 8	8 29	22 7	21 55	15 17	15 7	1 51
T 12	23 4 9	52 4	4 21	17 25	2 45	21 4	0 34	8 32	0 54	0 37	1 24	1 11	2 31	21 53	0 31	2 17	1 37	24 8	8 29	22 7	21 55	15 19	15 9	1 51
W13	23 9 5 1	4 54	4 17	17 34	2 41	21 18	0 32	8 14	0 52	0 39	1 24	1 11	2 31	21 54	0 31	2 17	1 37	24 9	8 30	22 7	21 56	15 21	15 11	1 52
T 14	23 13 0s13	5 12	4 17	17 46	2 37	21 32	0 29	7 57	0 51	0 40	1 24	1 10	2 30	21 54	0 31	2 16	1 37	24 9	8 30	22 7	21 56	15 23	15 12	1 52
F 15	23 16 5 35	5 11	4 18	18 0	2 31	21 45	0 27	7 40	0 49	0 41	1 23	1 10	2 30	21 54	0 31	2 16	1 37	24 10	8 30	22 7	21 57	15 25	15 14	1 53
S 16	23 19 10 47	4 50	4 18	18 15	2 26	21 57	0 25	7 23	0 48	0 43	1 23	1 9	2 30	21 55	0 31	2 16	1 37	24 10	8 30	22 8	21 57	15 27	15 16	1 53
S 17	23 22 15 25	4 9	4 18	18 31	2 19	22 9	0 22	7 6	0 46	0 45	1 23	1 8	2 30	21 55	0 31	2 16	1 37	24 11	8 31	22 8	21 58	15 29	15 17	1 53
M18	23 24 19 6	3 10	4 18	18 49	2 12	22 20	0 20	6 48	0 45	0 46	1 22	1 8	2 29	21 55	0 31	2 16	1 37	24 11	8 31	22 9	21 58	15 31	15 19	1 54
T 19	23 26 21 29	1 58	4 19	19 7	2 5	22 30	0 17	6 31	0 43	0 48	1 22	1 7	2 29	21 56	0 31	2 16	1 37	24 12	8 31	22 9	21 59	15 33	15 21	1 54
W20	23 27 22 19	0 39	4 19	19 25	1 57	22 40	0 15	6 14	0 42	0 50	1 22	1 6	2 29	21 56	0 31	2 16	1 37	24 12	8 32	22 9	21 59	15 35	15 22	1 55
T 21	23 28 21 35	0s42	4 19	19 44	1 49	22 49	0 13	5 56	0 40	0 52	1 22	1 5	2 29	21 57	0 31	2 16	1 37	24 13	8 32	22 9	22 0	15 37	15 24	1 55
F 22	23 29 19 30	1 57	4 20	3 1	4 41	22 57	0 10	5 39	0 39	0 54	1 21	1 4	2 28	21 57	0 31	2 16	1 37	24 13	8 32	22 9	22 0	15 39	15 25	1 55
S 23	23 28 16 20	3 4	4 20	22 1	3 33	23 5	0 8	5 21	0 37	0 56	1 21	1 4	2 28	21 58	0 31	2 17	1 36	24 14	8 32	22 9				