

SWISS EPHEMERIS for the year 1722

JANUARY 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	6 41 10	10°22'07	22°11'57	17°34	16°17	9°5	27°21	12°45	24°13	22°R28	23°R38	11°R49	11°51	21°36	20°35
F 2	6 45 6	11°23'16	4°50	18°38	17°32	9°21	27°33	12°52	24°15	22°R27	23°R38	11°R49	11°48	21°42	20°37
S 3	6 49 3	12°24'25	16°39	19°45	18°47	9°37	27°44	12°58	24°16	22°26	23°38	11°49	11°45	21°49	20°39
S 4	6 52 59	13°25'33	28°27	20°55	20° 2	9°54	27°55	13° 5	24°17	22°25	23°37	11°49	11°41	21°56	20°41
M 5	6 56 56	14°26'42	10°16	22° 7	21°17	10°11	28° 6	13°11	24°19	22°24	23°37	11°49	11°38	22° 2	20°43
T 6	7 0 52	15°27'50	22° 7	23°20	22°31	10°29	28°17	13°18	24°20	22°23	23°37	11°49	11°35	22° 9	20°45
W 7	7 4 49	16°28'59	4°11	24°36	23°46	10°47	28°28	13°24	24°21	22°22	23°36	11°48	11°32	22°16	20°47
T 8	7 8 46	17°30'07	16°11	25°53	25° 1	11° 6	28°39	13°30	24°23	22°21	23°36	11°47	11°29	22°22	20°49
F 9	7 12 42	18°31'15	28°30	27°11	26°16	11°25	28°50	13°36	24°24	22°20	23°35	11°47	11°26	22°29	20°51
S 10	7 16 39	19°32'23	11°5	28°30	27°31	11°45	29° 1	13°43	24°25	22°20	23°35	11°46	11°22	22°36	20°53
S 11	7 20 35	20°33'30	24° 1	29°51	28°46	12° 5	29°11	13°49	24°26	22°19	23°34	11°D46	11°19	22°42	20°55
M12	7 24 32	21°34'38	7°19	1°13	0°3	12°25	29°22	13°55	24°27	22°18	23°34	11°47	11°16	22°49	20°57
T 13	7 28 28	22°35'45	21° 3	2°36	1°16	12°46	29°32	14° 1	24°28	22°18	23°33	11°47	11°13	22°56	21° 0
W14	7 32 25	23°36'52	5°14	4° 0	2°31	13° 7	29°42	14° 7	24°29	22°17	23°33	11°48	11°10	23° 2	21° 2
T 15	7 36 21	24°37'59	19°50	5°25	3°47	13°29	29°53	14°13	24°29	22°16	23°32	11°49	11° 6	23° 9	21° 4
F 16	7 40 18	25°39'06	4°37	6°50	5° 2	13°50	0°3	14°19	24°30	22°16	23°31	11°R50	11° 3	23°15	21° 7
S 17	7 44 15	26°40'12	19°57	8°17	6°17	14°13	0°13	14°25	24°31	22°15	23°31	11°50	11° 0	23°22	21° 9
S 18	7 48 11	27°41'17	5°12	9°44	7°32	14°35	0°23	14°31	24°31	22°15	23°30	11°49	10°57	23°29	21°12
M19	7 52 8	28°42'21	20°21	11°12	8°47	14°58	0°32	14°36	24°32	22°14	23°29	11°47	10°54	23°35	21°14
T 20	7 56 4	29°43'25	5°15	12°40	10° 2	15°21	0°42	14°42	24°33	22°14	23°29	11°45	10°51	23°42	21°17
W21	8 0 1	0°44'27	19°47	14°10	11°17	15°45	0°52	14°48	24°33	22°13	23°28	11°42	10°47	23°49	21°19
T 22	8 3 57	1°45'28	3°15	15°40	12°32	16° 9	1° 1	14°53	24°33	22°13	23°27	11°40	10°44	23°55	21°22
F 23	8 7 54	2°46'29	17°29	17°10	13°47	16°33	1°11	14°59	24°34	22°13	23°26	11°38	10°41	24° 2	21°25
S 24	8 11 50	3°47'28	0°39	18°42	15° 2	16°58	1°20	15° 4	24°34	22°12	23°25	11°D38	10°38	24° 9	21°27
S 25	8 15 47	4°48'25	13°25	20°14	16°17	17°22	1°29	15°10	24°34	22°12	23°24	11°38	10°35	24°15	21°30
M26	8 19 44	5°49'22	25°50	21°47	17°32	17°47	1°38	15°15	24°34	22°12	23°23	11°39	10°32	24°22	21°33
T 27	8 23 40	6°50'17	8°11	23°20	18°47	18°13	1°47	15°20	24°35	22°12	23°22	11°41	10°28	24°29	21°36
W28	8 27 37	7°51'12	19°58	24°54	20° 2	18°38	1°56	15°26	24°35	22°11	23°21	11°43	10°25	24°35	21°39
T 29	8 31 33	8°52'04	1°49	26°29	21°17	19° 4	2° 4	15°31	24°R35	22°11	23°20	11°44	10°22	24°42	21°42
F 30	8 35 30	9°52'56	13°37	28° 4	22°32	19°30	2°13	15°36	24°35	22°11	23°19	11°R44	10°19	24°49	21°45
S 31	8 39 26	10°53'46	25°24	29°31	23°37	19°57	2°21	15°41	24°35	22°R11	23°R18	11°R43	10°16	24°55	21°48

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23s 4	21n34	1s43	21s10	1n44	21s55	0n51	16n 0	1n32	18s46	0n52	20s52	1n31	8s51	0n36	16n42	1s46	17n 0	15n49	22n57	22n57	22n36	0s12	3n50
F 2	22 59	22 44	0 39	21 24	1 35	22 5	0 49	16 6	1 33	18 48	0 52	20 52	1 31	8 52	0 36	16 42	1 46	17 1	15 49	22 57	22 57	22 36	0 12	3 50
S 3	22 54	22 53	0n27	21 39	1 26	22 14	0 46	16 12	1 34	18 51	0 52	20 53	1 31	8 52	0 36	16 41	1 46	17 1	15 50	22 57	22 57	22 36	0 11	3 50
S 4	22 48	21 59	1 31	21 52	1 18	22 22	0 44	16 18	1 35	18 53	0 52	20 54	1 31	8 53	0 36	16 41	1 46	17 2	15 50	22 57	22 58	22 35	0 11	3 50
M 5	22 41	20 8	2 32	22 6	1 9	22 30	0 41	16 24	1 35	18 56	0 52	20 55	1 31	8 53	0 36	16 41	1 46	17 2	15 51	22 57	22 58	22 35	0 10	3 49
T 6	22 35	17 24	3 26	22 19	1 0	22 37	0 39	16 30	1 36	18 58	0 52	20 55	1 31	8 53	0 36	16 41	1 46	17 3	15 51	22 57	22 58	22 35	0 10	3 49
W 7	22 27	13 56	4 12	22 31	0 51	22 43	0 36	16 37	1 37	19 0	0 52	20 56	1 31	8 54	0 36	16 41	1 46	17 4	15 52	22 57	22 58	22 35	0 9	3 49
T 8	22 20	9 51	4 47	22 42	0 43	22 49	0 34	16 43	1 37	19 3	0 52	20 57	1 31	8 54	0 36	16 41	1 46	17 4	15 52	22 57	22 59	22 35	0 9	3 49
F 9	22 12	5 19	5 9	22 53	0 34	22 54	0 31	16 50	1 38	19 5	0 52	20 58	1 31	8 55	0 36	16 40	1 46	17 5	15 53	22 57	22 59	22 34	0 8	3 48
S 10	22 3	0 29	5 18	23 1	0 26	22 59	0 28	16 56	1 38	19 7	0 52	20 58	1 31	8 55	0 36	16 40	1 46	17 6	15 53	22 57	22 59	22 34	0 7	3 48
S 11	21 54	4s31	5 11	23 11	0 17	23 2	0 26	17 3	1 38	19 9	0 52	20 59	1 31	8 55	0 36	16 40	1 46	17 6	15 54	22 57	23 0	22 34	0 7	3 48
M12	21 45	9 27	4 47	23 19	0 9	23 5	0 23	17 10	1 39	19 12	0 52	21 0	1 31	8 56	0 36	16 40	1 46	17 7	15 54	22 57	23 0	22 34	0 6	3 48
T 13	21 35	14 5	4 6	23 26	0 1	23 8	0 21	17 17	1 40	19 14	0 52	21 1	1 31	8 56	0 36	16 40	1 46	17 8	15 55	22 57	23 0	22 33	0 5	3 47
W14	21 24	18 6	3 10	23 31	0s 7	23 9	0 18	17 23	1 40	19 16	0 52	21 1	1 31	8 56	0 36	16 40	1 46	17 8	15 55	22 57	23 0	22 33	0 5	3 47
T 15	21 14	21 6	1 59	23 36	0 14	23 10	0 15	17 30	1 41	19 18	0 52	21 2	1 31	8 57	0 36	16 40	1 46	17 9	15 56	22 57	23 1	22 33	0 4	3 47
F 16	21 3	22 44	0 39	23 40	0 3	23 10	0 13	17 37	1 41	19 20	0 52	21 3	1 31	8 57	0 36	16 40	1 46	17 10	15 56	22 57	23 1	22 33	0 3	3 47
S 17	20 51	22 44	0s45	23 42	0 29	23 10	0 10	17 44	1 41	19 22	0 52	21 3	1 31	8 57	0 36	16 40	1 46	17 11	15 57	22 57	23 1	22 32	0 3	3 46
S 18	20 39	21 2	2 6	23 43	0 36	23 8	0 7	17 52	1 42	19 24	0 52	21 4	1 31	8 57	0 36	16 40	1 45	17 11	15 57	22 57	23 1	22 32	0 2	3 46
M19	20 27	17 51	3 18	23 43	0 43	23 6	0 5	17 59	1 42	19 26	0 52	21 4	1 31	8 58	0 36	16 39	1 45	17 12	15 58	22 57	23 2	22 32	0 1	3 46
T 20	20 14	13 32	4 14	23 42	0 50	23 4	0 2	18 6	1 42	19 28	0 53	21 5	1 31	8 58	0 36	16 39	1 45	17 13	15 58	22 57	23 2	22 31	0 0	3 46
W21	20 1	8 33	4 53	23 39	0 56	23 0	0s 0	18 13	1 43	19 30	0 53	21 6	1 31	8 58	0 36	16 39	1 45	17 13	15 59	22 57	23 2	22 31	0m 1	3 46
T 22	19 48	3 15	5 13	23 35	1 2	22 56	0 3	18 20	1 43	19 32	0 53	21 6	1 31	8 58	0 36	16 39	1 45	17 14	15 59	22 58	23 2	22 31	0 1	3 45
F 23	19 34	2n 2	5 14	23 30	1 8	22 51	0 6	18 28	1 43	19 34	0 53	21 7	1 32	8 58	0 36	16 39	1 45	17 15	16 0	22 58	23 3	22 30	0 2	3 45
S 24	19 20	7 3	4 59	23 23	1 14	22 46	0 8	18 35	1 44	19 36	0 53	21 7	1 32	8 58	0 36	16 39	1 45	17 16	16 0	22 58	23 3	22 30	0 3	3 45
S 25	19 5	11 37	4 29	23 15	1 19	22 39	0 11	18 42	1 44	19 38	0 53	21 8	1 32	8 58	0 36	16 39	1 45	17 17	16 1	22 58	23 3	22 30	0 4	3 45
M26	18 51	15 34	3 47	23 6	1 25	22 33	0 13	18 50	1 44	19 39	0 53	21 8	1 32	8 58	0 36	16 39	1 45	17 18	16 1	22 58	23 3	22 29	0 5	3 44
T 27	18 35	18 47	2 55	22 56	1 30	22 25	0 16	18 57	1 44	19 41	0 53	21 9	1 32	8 58	0 36	16 39	1 45	17 18	16 2	22 58	23 4	22 29	0 6	3 44
W28	18 20	21 9	1 57	22 44	1 34	22 17	0 18	19 4	1 45	19 43	0 53	21 9	1 32	8 58	0 37	16 39	1 45	17 19	16 2	22 57	23 4	22 29	0 7	3 44

SWISS EPHEMERIS for the year 1722

FEBRUARY 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
S 1	8 43 23	11 ⁵⁴ 35	7 ¹³	1 ¹⁸	25 ²	20 ²³	2 ³⁰	15 ⁴⁶	24 ^{R34}	22 ^{D11}	23 ^{R17}	11 ^{R41}	10 ¹²	25 ²	21 ⁵¹	
M 2	8 47 19	12 ⁵⁵ 23	19 ⁷	2 ⁵⁵	26 ¹⁷	20 ⁵⁰	2 ³⁸	15 ⁵¹	24 ³⁴	22 ¹¹	23 ¹⁶	11 ³⁷	10 ⁹	25 ⁸	21 ⁵⁴	
T 3	8 51 16	13 ⁵⁶ 10	1 ¹⁷ 6	4 ³⁴	27 ³²	21 ¹⁷	2 ⁴⁶	15 ⁵⁶	24 ³⁴	22 ¹¹	23 ¹⁵	11 ³¹	10 ⁶	25 ¹⁵	21 ⁵⁷	
W 4	8 55 13	14 ⁵⁶ 55	13 ¹³	6 ¹³	28 ⁴⁷	21 ⁴⁴	2 ⁵⁴	16 ⁰	24 ³⁴	22 ¹¹	23 ¹⁴	11 ²⁵	10 ³	25 ²²	22 ⁰	
T 5	8 59 9	15 ⁵⁷ 39	25 ³⁰	7 ⁵³	0 ²	22 ¹²	3 ¹	16 ⁵	24 ³³	22 ¹¹	23 ¹²	11 ¹⁹	10 ⁰	25 ²⁸	22 ³	
F 6	9 3 6	16 ⁵⁸ 22	7 ⁵⁷	9 ³⁴	1 ¹⁷	22 ³⁹	3 ⁹	16 ¹⁰	24 ³³	22 ¹¹	23 ¹¹	11 ¹³	9 ⁵⁷	25 ³⁵	22 ⁶	
S 7	9 7 2	17 ⁵⁹ 04	20 ³⁸	11 ¹⁵	2 ³²	23 ⁷	3 ¹⁷	16 ¹⁴	24 ³²	22 ¹²	23 ¹⁰	11 ⁸	9 ⁵³	25 ⁴²	22 ⁹	
S 8	9 10 59	18 ⁵⁹ 45	3 ¹³ 34	12 ⁵⁸	3 ⁴⁷	23 ³⁵	3 ²⁴	16 ¹⁹	24 ³²	22 ¹²	23 ⁹	11 ⁵	9 ⁵⁰	25 ⁴⁸	22 ¹³	
M 9	9 14 55	20 ⁰ 25	16 ⁴⁷	14 ⁴¹	5 ²	24 ⁴	3 ³¹	16 ²³	24 ³¹	22 ¹²	23 ⁷	11 ^{D 4}	9 ⁴⁷	25 ⁵⁵	22 ¹⁶	
T 10	9 18 52	21 ⁰ 04	0 ² 21	16 ²⁵	6 ¹⁷	24 ³²	3 ³⁸	16 ²⁷	24 ³¹	22 ¹²	23 ⁶	11 ⁵	9 ⁴⁴	26 ²	22 ¹⁹	
W 11	9 22 48	22 ⁰ 141	14 ¹⁶	18 ¹⁰	7 ³²	25 ¹	3 ⁴⁵	16 ³¹	24 ³⁰	22 ¹³	23 ⁵	11 ⁶	9 ⁴¹	26 ⁸	22 ²²	
T 12	9 26 45	23 ⁰ 218	2 ⁷ 51	19 ⁵⁶	8 ⁴⁷	25 ³⁰	3 ⁵²	16 ³⁶	24 ²⁹	22 ¹³	23 ³	11 ⁷	9 ³⁸	26 ¹⁵	22 ²⁶	
F 13	9 30 42	24 ⁰ 253	13 ² 12	21 ⁴³	10 ²	25 ⁵⁹	3 ⁵⁹	16 ⁴⁰	24 ²⁸	22 ¹³	23 ²	11 ^{R 8}	9 ³⁴	26 ²²	22 ²⁹	
S 14	9 34 38	25 ⁰ 327	28 ⁶	23 ³¹	11 ¹⁷	26 ²⁸	4 ⁵	16 ⁴⁴	24 ²⁸	22 ¹⁴	23 ¹	11 ⁶	9 ³¹	26 ²⁸	22 ³³	
S 15	9 38 35	26 ⁰ 359	13 ¹¹	25 ¹⁹	12 ³²	26 ⁵⁷	4 ¹²	16 ⁴⁸	24 ²⁷	22 ¹⁴	22 ⁵⁹	11 ³	9 ²⁸	26 ³⁵	22 ³⁶	
M 16	9 42 31	27 ⁰ 430	28 ¹⁶	27 ⁹	13 ⁴⁷	27 ²⁷	4 ¹⁸	16 ⁵¹	24 ²⁶	22 ¹⁵	22 ⁵⁸	10 ⁵⁸	9 ²⁵	26 ⁴²	22 ³⁹	
T 17	9 46 28	28 ⁰ 459	13 ¹¹ 12	28 ⁵⁹	15 ²	27 ⁵⁶	4 ²⁴	16 ⁵⁵	24 ²⁵	22 ¹⁵	22 ⁵⁶	10 ⁵¹	9 ²²	26 ⁴⁸	22 ⁴³	
W 18	9 50 24	29 ⁰ 527	27 ⁵¹	0 ¹ 50	16 ¹⁷	28 ²⁶	4 ³⁰	16 ⁵⁹	24 ²⁴	22 ¹⁶	22 ⁵⁵	10 ⁴³	9 ¹⁸	26 ⁵⁵	22 ⁴⁶	
T 19	9 54 21	0 ¹ 52	12 ¹ 6	2 ⁴²	17 ³²	28 ⁵⁶	4 ³⁵	17 ²	24 ²³	22 ¹⁶	22 ⁵⁴	10 ³⁵	9 ¹⁵	27 ²	22 ⁵⁰	
F 20	9 58 17	1 ⁰ 616	25 ⁵²	4 ³⁴	18 ⁴⁷	29 ²⁶	4 ⁴¹	17 ⁶	24 ²¹	22 ¹⁷	22 ⁵²	10 ²⁸	9 ¹²	27 ⁸	22 ⁵³	
S 21	10 2 14	2 ⁰ 638	9 ¹ 10	6 ²⁷	20 ¹	29 ⁵⁷	4 ⁴⁶	17 ⁹	24 ²⁰	22 ¹⁸	22 ⁵¹	10 ²⁴	9 ⁹	27 ¹⁵	22 ⁵⁷	
S 22	10 6 11	3 ⁰ 657	22 ¹	8 ²¹	21 ¹⁶	0 ¹ 27	4 ⁵²	17 ¹²	24 ¹⁹	22 ¹⁸	22 ⁴⁹	10 ²¹	9 ⁶	27 ²²	23 ⁰	
M 23	10 10 7	4 ⁰ 715	4 ¹ 28	10 ¹⁵	22 ³¹	0 ⁵⁸	4 ⁵⁷	17 ¹⁶	24 ¹⁸	22 ¹⁹	22 ⁴⁸	10 ^{D20}	9 ³	27 ²⁸	23 ⁴	
T 24	10 14 4	5 ⁰ 731	16 ³⁸	12 ⁹	23 ⁴⁶	1 ²⁹	5 ²	17 ¹⁹	24 ¹⁶	22 ²⁰	22 ⁴⁶	10 ²¹	8 ⁵⁹	27 ³⁵	23 ⁷	
W 25	10 18 0	6 ⁰ 745	28 ³⁴	14 ⁴	25 ¹	1 ⁵⁹	5 ⁶	17 ²²	24 ¹⁵	22 ²¹	22 ⁴⁵	10 ²²	8 ⁵⁶	27 ⁴¹	23 ¹¹	
T 26	10 21 57	7 ⁰ 757	10 ²³	15 ⁵⁸	26 ¹⁶	2 ³⁰	5 ¹¹	17 ²⁵	24 ¹⁴	22 ²¹	22 ⁴³	10 ^{R22}	8 ⁵³	27 ⁴⁸	23 ¹⁵	
F 27	10 25 53	8 ⁰ 807	22 ¹⁰	17 ⁵²	27 ³¹	3 ²	5 ¹⁵	17 ²⁸	24 ¹²	22 ²²	22 ⁴¹	10 ²²	8 ⁵⁰	27 ⁵⁵	23 ¹⁸	
S 28	10 29 50	9 ⁰ 814	3 ¹ 57	19 ¹ 46	28 ¹ 45	3 ¹ 33	5 ¹ 20	17 ¹ 30	24 ¹ 11	22 ¹ 23	22 ¹ 40	10 ¹ 19	8 ¹ 47	28 ¹	23 ¹ 22	

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	17s15	20n40	2n15	21s41	1s50	21s37	0s28	19n34	1n45	19s49	0n53	21s11	1n32	8s58	0n37	16n39	1s45	17n22	16n 4	22n58	23n 5	22n27	0n11	3n43
M 2	16 58 18	3 11 21	21 22	1 53 21	25 0 30	19 41	1 45 19	51 0 53	21 12	1 32	8 58	0 37 16	39 1 45	17 23	16 4 22	58 23 5	22 27	0 12	3 43					
T 3	16 40 14	48 3 58	21 1	1 56 21	13 0 33	19 48	1 46 19	52 0 53	21 12	1 32	8 58	0 37 16	40 1 44	17 24	16 4 22	58 23 5	22 27	0 13	3 43					
W 4	16 23 10	50 4 35	20 39	1 58 21	0 0 35	19 56	1 46 19	54 0 53	21 13	1 32	8 58	0 37 16	40 1 44	17 25	16 5 22	59 23 6	22 26	0 14	3 43					
T 5	16 5 6	22 5 0	20 16	2 0 20	47 0 37	20 3	1 46 19	55 0 54	21 13	1 32	8 58	0 37 16	40 1 44	17 25	16 5 23	0 23	6 22	26 0 15	3 42					
F 6	15 46 1 36	5 11 19	51 2 2	2 20 33	0 39	20 10	1 46 19	56 0 54	21 13	1 32	8 57	0 37 16	40 1 44	17 26	16 6 23	0 23	6 22	25 0 16	3 42					
S 7	15 28 3s19	5 7 19	24 4 2	20 18	0 42	20 17	1 46 19	58 0 54	21 14	1 32	8 57	0 37 16	40 1 44	17 27	16 6 23	0 23	6 22	25 0 17	3 42					
S 8	15 9 8 12	4 48 18	56 2 5	20 3	0 44	20 25	1 46 19	59 0 54	21 14	1 33	8 57	0 37 16	40 1 44	17 28	16 6 23	1 23	7 22	25 0 18	3 42					
M 9	14 50 12 50	4 13 18	27 2 5	19 47	0 46	20 32	1 46 20	0 0 54	21 15	1 33	8 57	0 37 16	40 1 44	17 29	16 7 23	1 23	7 22	24 0 19	3 42					
T 10	14 31 16 56	3 24 17	56 2 5	19 30	0 48	20 39	1 46 20	2 0 54	21 15	1 33	8 56	0 37 16	40 1 44	17 30	16 7 23	1 23	7 22	24 0 20	3 42					
W 11	14 11 20 13	2 21 17	23 2 5	19 13	0 50	20 46	1 46 20	3 0 54	21 15	1 33	8 56	0 37 16	40 1 44	17 30	16 7 23	1 23	7 22	23 0 22	3 41					
T 12	13 51 22 20	1 8 16	49 2 4	18 55	0 52	20 53	1 46 20	4 0 54	21 16	1 33	8 56	0 37 16	41 1 44	17 31	16 8 23	1 23	8 22	23 0 23	3 41					
F 13	13 32 23 0	0s11 16	14 2 3	18 37	0 54	21 0	1 46 20	5 0 54	21 16	1 33	8 56	0 37 16	41 1 44	17 32	16 8 23	0 23	8 22	22 0 24	3 41					
S 14	13 11 22 3	1 31 15	37 2 1	18 19	0 56	21 7	1 46 20	6 0 54	21 16	1 33	8 55	0 37 16	41 1 44	17 33	16 8 23	1 23	8 22	22 0 25	3 41					
S 15	12 51 19 31	2 45 14	58 1 59	17 59	0 57	21 14	1 46 20	8 0 54	21 16	1 33	8 55	0 37 16	41 1 44	17 34	16 9 23	1 23	8 22	22 0 26	3 41					
M 16	12 30 15 39	3 47 14	18 1 57	17 40	0 59	21 21	1 46 20	9 0 54	21 17	1 33	8 55	0 37 16	41 1 44	17 34	16 9 23	1 23	8 22	21 0 28	3 41					
T 17	12 9 10 49	4 33 13	37 1 53	17 19	1 1	21 27	1 46 20	10 0 55	21 17	1 33	8 54	0 37 16	41 1 44	17 35	16 9 23	1 23	9 22	21 0 29	3 40					
W 18	11 48 5 27	5 0 12	54 1 50	16 59	1 3	21 34	1 46 20	11 0 55	21 17	1 33	8 54	0 37 16	42 1 44	17 36	16 9 23	3 23	9 22	20 0 30	3 40					
T 19	11 27 0n 4	5 8 12	10 1 45	16 38	1 4	21 41	1 46 20	12 0 55	21 18	1 33	8 53	0 37 16	42 1 43	17 37	16 10 23	3 23	9 22	20 0 31	3 40					
F 20	11 6 5 24	4 57 11	25 1 41	16 16	1 6	21 47	1 46 20	13 0 55	21 18	1 33	8 53	0 37 16	42 1 43	17 38	16 10 23	4 23	9 22	19 0 33	3 40					
S 21	10 44 10 18	4 30 10	38 1 35	15 54	1 7	21 54	1 46 20	14 0 55	21 18	1 34	8 52	0 37 16	42 1 43	17 39	16 10 23	4 23	10 22	19 0 34	3 40					
S 22	10 23 14 35	3 51 9	50 1 29	15 31	1 9	22 0	1 46 20	15 0 55	21 18	1 34	8 52	0 37 16	43 1 43	17 39	16 10 23	4 23	10 22	18 0 35	3 40					
M 23	10 1 18 6	3 1 9	1 23	15 8	1 10	22 7	1 46 20	15 0 55	21 19	1 34	8 51	0 37 16	43 1 43	17 40	16 11 23	4 23	10 22	18 0 36	3 40					
T 24	9 39 20 45	2 4 8	10 1 15	14 45	1 12	22 13	1 46 20	16 0 55	21 19	1 34	8 51	0 37 16	43 1 43	17 41	16 11 23	4 23	10 22	17 0 38	3 40					
W 25	9 17 22 25	1 3 7	19 1 13	12 19	1 13	22 19	1 46 20	17 0 55	21 19	1 34	8 50	0 37 16	43 1 43	17 42	16 11 23	4 23	10 22	17 0 39	3 39					
T 26	8 54 23 4	0n 0	6 27 0	59 13	57 1 14	22 26	1 46 20	17 0 55	21 19	1 34														

SWISS EPHEMERIS for the year 1722

MARCH 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	10 33 46	10♌ 8'20	15♌50	21♌38	0♌ 0	4♌ 4	5♌24	17♌33	24°R 9	22♌24	22°R38	10°R13	8♌43	28♌ 8	23♌26
M 2	10 37 43	11° 8'24	27°51	23°30	1°15	4°36	5°28	17°36	24♌ 7	22°25	22♌37	10♌ 5	8°40	28°15	23°29
T 3	10 41 40	12° 8'26	10♌ 2	25°20	2°30	5° 7	5°31	17°38	24° 6	22°26	22°35	9°55	8°37	28°21	23°33
W 4	10 45 36	13° 8'25	22°23	27° 7	3°45	5°39	5°35	17°41	24° 4	22°27	22°34	9°43	8°34	28°28	23°36
T 5	10 49 33	14° 8'23	4♌55	28°53	4°59	6°11	5°38	17°43	24° 2	22°28	22°32	9°31	8°31	28°35	23°40
F 6	10 53 29	15° 8'19	17°39	0♌35	6°14	6°43	5°42	17°45	24° 0	22°29	22°30	9°20	8°28	28°41	23°44
S 7	10 57 26	16° 8'14	0♌35	2°14	7°29	7°14	5°45	17°47	23°59	22°30	22°29	9°10	8°24	28°48	23°48
S 8	11 1 22	17° 8'06	13°42	3°49	8°44	7°47	5°48	17°49	23°57	22°31	22°27	9° 3	8°21	28°55	23°51
M 9	11 5 19	18° 7'57	27° 2	5°19	9°58	8°19	5°50	17°51	23°55	22°33	22°25	8°59	8°18	29° 1	23°55
T 10	11 9 15	19° 7'47	10♌36	6°45	11°13	8°51	5°53	17°53	23°53	22°34	22°24	8°57	8°15	29° 8	23°59
W 11	11 13 12	20° 7'34	24°24	8° 5	12°28	9°23	5°55	17°55	23°51	22°35	22°22	8°D57	8°12	29°15	24° 2
T 12	11 17 8	21° 7'21	8♌37	9°19	13°43	9°56	5°57	17°56	23°49	22°36	22°21	8°R57	8° 9	29°21	24° 6
F 13	11 21 5	22° 7'05	22°46	10°26	14°57	10°28	5°59	17°58	23°47	22°38	22°19	8°56	8° 5	29°28	24°10
S 14	11 25 2	23° 6'48	7♌18	11°27	16°12	11° 1	6° 1	17°59	23°45	22°39	22°17	8°54	8° 2	29°35	24°13
S 15	11 28 58	24° 6'28	21°59	12°21	17°27	11°34	6° 3	18° 1	23°43	22°40	22°16	8°48	7°59	29°41	24°17
M 16	11 32 55	25° 6'07	6♌43	13° 7	18°41	12° 7	6° 4	18° 2	23°41	22°42	22°14	8°40	7°56	29°48	24°21
T 17	11 36 51	26° 5'44	21°24	13°45	19°56	12°40	6° 5	18° 3	23°39	22°43	22°12	8°30	7°53	29°55	24°25
W 18	11 40 48	27° 5'19	5♌52	14°16	21°11	13°13	6° 6	18° 4	23°36	22°44	22°11	8°18	7°49	0♌ 1	24°28
T 19	11 44 44	28° 4'52	20° 2	14°39	22°25	13°46	6° 7	18° 5	23°34	22°46	22° 9	8° 6	7°46	0° 8	24°32
F 20	11 48 41	29° 4'22	3♌47	14°53	23°40	14°19	6° 8	18° 6	23°32	22°47	22° 8	7°56	7°43	0°15	24°36
S 21	11 52 37	0♌35	17° 7	15°R 0	24°55	14°52	6° 8	18° 7	23°30	22°49	22° 6	7°47	7°40	0°21	24°39
S 22	11 56 34	1° 3'17	0♌ 1	14°59	26° 9	15°25	6° 8	18° 7	23°27	22°50	22° 4	7°42	7°37	0°28	24°43
M 23	12 0 31	2° 2'41	12°32	14°51	27°24	15°59	6°R 8	18° 8	23°25	22°52	22° 3	7°39	7°34	0°34	24°47
T 24	12 4 27	3° 2'03	24°44	14°35	28°38	16°32	6° 8	18° 8	23°23	22°53	22° 1	7°37	7°30	0°41	24°51
W 25	12 8 24	4° 1'22	6♌42	14°13	29°53	17° 6	6° 8	18° 8	23°20	22°55	22° 0	7°37	7°27	0°48	24°54
T 26	12 12 20	5° 0'39	18°33	13°44	1°Y 7	17°39	6° 8	18° 9	23°18	22°57	21°58	7°37	7°24	0°54	24°58
F 27	12 16 17	5°59'54	0♌20	13°10	2°22	18°13	6° 7	18° 9	23°16	22°58	21°56	7°36	7°21	1° 1	25° 2
S 28	12 20 13	6°59'06	12°10	12°32	3°36	18°47	6° 6	18°R 9	23°13	23° 0	21°55	7°32	7°18	1° 8	25° 5
S 29	12 24 10	7°58'17	24° 7	11°49	4°51	19°20	6° 5	18° 9	23°11	23° 2	21°53	7°26	7°15	1°14	25° 9
M 30	12 28 6	8°57'24	6♌15	11° 4	6° 5	19°54	6° 4	18° 9	23° 8	23° 3	21°52	7°17	7°11	1°21	25°13
T 31	12 32 3	9°Y56'30	18♌36	10°Y16	7°Y20	20♌28	6♌ 2	18♌ 8	23♌ 6	23♌ 5	21♌50	7♌ 6	7♌ 8	1♌28	25♌16

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	7s47	18n56	2n58	3s47	0s30	12s42	1s18	22n43	1n46	20s19	0n56	21s20	1n34	8s48	0n37	16n44	1s43	17n45	16n12	23n 5	23n11	22n15	0n44	3n39
M 2	7 24 15	46 3 45	2 53 0	19 12 16	1 19 22	49 1 46	20 20 0 56	21 20 1 34	8 47 0 37	16 45 1 43	17 46 16 12	23 5 23	11 22 14	0 46 3 39										
T 3	7 1 11	53 4 23	1 59 0	8 11 50	1 20 22	55 1 46	20 21 0 56	21 20 1 34	8 47 0 37	16 45 1 43	17 47 16 12	23 6 23	12 22 14	0 47 3 39										
W 4	6 38 7	27 4 49	1 5 0n	4 11 24	1 21 23	1 46	20 21 0 56	21 20 1 35	8 46 0 37	16 45 1 43	17 47 16 12	23 7 23	12 22 13	0 48 3 39										
T 5	6 15 2	40 5 2	0 12 0	17 10 57	1 21 23	6 1 45	20 22 0 56	21 20 1 35	8 46 0 37	16 46 1 43	17 48 16 12	23 8 23	12 22 13	0 50 3 39										
F 6	5 52 2s19	5 0 0n41	0 29 10	31 1 22	23 11 1 45	20 22 0 56	21 20 1 35	8 45 0 37	16 46 1 43	17 49 16 13	23 9 23	12 22 12	0 51 3 38											
S 7	5 29 7 17	4 42 1 32	0 42 10	3 1 23	23 17 1 45	20 23 0 56	21 20 1 35	8 44 0 37	16 46 1 42	17 50 16 13	23 9 23	12 22 11	0 52 3 38											
S 8	5 5 12	0 4 10	2 22 0 55	9 36 1 24	23 22 1 45	20 23 0 56	21 20 1 35	8 44 0 37	16 47 1 42	17 50 16 13	23 10 23	13 22 11	0 54 3 38											
M 9	4 42 16	14 3 23	3 10 1 9	9 8 1 24	23 27 1 45	20 23 0 56	21 20 1 35	8 43 0 37	16 47 1 42	17 51 16 13	23 10 23	13 22 10	0 55 3 38											
T 10	4 18 19	41 2 25	3 56 1 22	8 40 1 25	23 32 1 45	20 24 0 56	21 21 1 35	8 42 0 37	16 47 1 42	17 52 16 13	23 10 23	13 22 10	0 57 3 38											
W 11	3 55 22	5 1 17	4 40 1 35	8 12 1 25	23 37 1 45	20 24 0 56	21 21 1 35	8 41 0 37	16 48 1 42	17 53 16 13	23 10 23	13 22 9	0 58 3 38											
T 12	3 31 23	10 0 3 5 21	1 48 7 44	1 25 23	42 1 45	20 24 0 57	21 21 1 35	8 41 0 37	16 48 1 42	17 53 16 13	23 10 23	13 22 8	0 59 3 38											
F 13	3 8 22	45 1s13	6 0 2 1 7 15	1 26 23	46 1 44	20 25 0 57	21 21 1 35	8 40 0 37	16 48 1 42	17 54 16 13	23 10 23	14 22 8	1 1 3 38											
S 14	2 44 20	48 2 24	6 35 2 13	6 46 1 26	23 51 1 44	20 25 0 57	21 21 1 36	8 39 0 37	16 49 1 42	17 55 16 13	23 11 23	14 22 7	1 2 3 38											
S 15	2 21 17	28 3 27	7 7 2 25	6 17 1 26	23 55 1 44	20 25 0 57	21 21 1 36	8 38 0 37	16 49 1 42	17 55 16 13	23 11 23	14 22 7	1 4 3 38											
M 16	1 57 13	1 4 16	7 35 2 36	5 48 1 26	24 0 1 44	20 25 0 57	21 21 1 36	8 38 0 37	16 50 1 42	17 56 16 13	23 11 23	14 22 6	1 5 3 38											
T 17	1 33 7	49 4 48	7 59 2 47	5 19 1 26	24 4 1 44	20 25 0 57	21 21 1 36	8 37 0 38	16 50 1 42	17 57 16 13	23 12 23	14 22 5	1 6 3 38											
W 18	1 10 2	16 5 1 8 20	2 56 4 50	1 26 24	8 1 44	20 25 0 57	21 21 1 36	8 36 0 38	16 50 1 42	17 57 16 13	23 13 23	15 22 5	1 8 3 38											
T 19	0 46 3n18	4 55 8 36	3 4 4 20	1 26 24	12 1 43	20 25 0 57	21 21 1 36	8 35 0 38	16 51 1 42	17 58 16 13	23 14 23	15 22 4	1 9 3 38											
F 20	0 22 8 32	4 31 8 49	3 11 3 50	1 26 24	16 1 43	20 25 0 57	21 21 1 36	8 34 0 38	16 51 1 42	17 59 16 13	23 14 23	15 22 4	1 11 3 37											
S 21	0n 2 13	14 3 54	8 57 3 17	3 21 1 26	24 19 1 43	20 25 0 57	21 21 1 36	8 33 0 38	16 52 1 42	17 59 16 13	23 15 23	15 22 3	1 12 3 37											
S 22	0 25 17	10 3 5 9 0	3 22 2 51	1 26 24	23 1 43	20 25 0 57	21 21 1 36	8 33 0 38	16 52 1 42	18 0 16 13	23 15 23	15 22 2	1 13 3 37											
M 23	0 49 20	12 2 9 9 0	3 25 2 21	1 26 24	26 1 43	20 25 0 57	21 21 1 36	8 32 0 38	16 53 1 42	18 1 16 13	23 15 23	16 22 2	1 15 3 37											
T 24	1 12 22	14 1 8 8 55	3 26 1 51	1 25 24	30 1 43	20 25 0 58	21 21 1 37	8 31 0 38	16 53 1 42	18 1 16 13	23 15 23	16 22 1	1 16 3 37											
W 25	1 36 23	13 0 5 8 46	3 26 1 21	1 25 24	33 1 43	20 25 0 58	21 20 1 37	8 30 0 38	16 53 1 42	18 2 16 13	23 15 23	16 22 0	1 18 3 37											
T 26	2 0 23	8 0n58	8 33 3 24	0 50 1 24	24 36 1 42	20 25 0 58	21 20 1 37	8 29 0 38	16 54 1 42	18 2 16 13	23 15 23	16 22 0	1 19 3 37											
F 27	2 23 22	1 1 57	8 16 3 20	0 20 1 24	24 39 1 42	20 25 0 58	21 20 1 37	8 28 0 38	16 54 1 41	18 3 16 13	23 15 23	16 21 59	1 21 3 37											
S 28	2 47 19	55 2 52	7 56 3 14	0n10	1 23 24	41 1 42	20 24 0 58	21 20 1 37	8 27 0 38	16 55 1 41	18 3 16 13	23 16 23	16 21 58	1 22 3 37										
S 29	3 10 16	57 3 40	7 33 3 7	0 40 1 22	24 44 1 42	20 24 0 58	21 20 1 37	8 26 0 38	16 55 1 41	18 4 16 13	23 16 23	17 21 58	1 23 3 37											
M 30	3 33 13	13 4 18	7 7 2 58	1 10 1 22	24 46 1 41	20 24 0 58	21 20 1 37	8 25 0 38	16 56 1 41	18 4 16 13	23 16 23	17 21 57	1 25 3 37											
T 31	3n57	8n53	4n45	6n39	2n48	1n40	1s21	24n49	1n41	20s24	0n58	21s20	1n37	8s25	0n38	16n56	1s41	18n 5	16n13	23n17	23n17	21n56	1n26	3n37

Julian Day Number = 2350066.5, Delta T = 10.01 sec
 Ecliptic obliquity = 23°28'31", Nutation = - 0°00'16"
 Ayanamsha: Fagan/Bradley = 20°51'42", Lahiri = 19°58'42"Greg. Calendar

SWISS EPHEMERIS for the year 1722

APRIL 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
W 1	12 36 0	10°55'33	1♁12	9°R28	8°Y34	21II 2	6°R 1	18°R 8	23°R 3	23♃ 7	21°R49	6°R53	7♁ 5	1♂34	25♃20
T 2	12 39 56	11°54'35	14° 2	8°Y39	9°48	21°36	5♃59	18♃ 7	23♁ 1	23° 9	21♃47	6♁39	7° 2	1°41	25°23
F 3	12 43 53	12°53'34	27° 7	7°52	11° 3	22°10	5°57	18° 7	22°58	23°10	21°46	6°27	6°59	1°48	25°27
S 4	12 47 49	13°52'31	10III24	7° 6	12°17	22°44	5°55	18° 6	22°56	23°12	21°44	6°16	6°55	1°54	25°31
S 5	12 51 46	14°51'27	23°53	6°23	13°31	23°18	5°53	18° 6	22°53	23°14	21°43	6° 8	6°52	2° 1	25°34
M 6	12 55 42	15°50'21	7♃31	5°42	14°46	23°52	5°50	18° 5	22°51	23°16	21°41	6° 3	6°49	2° 8	25°38
T 7	12 59 39	16°49'13	21°17	5° 6	16° 0	24°27	5°47	18° 4	22°48	23°18	21°40	6° 0	6°46	2°14	25°41
W 8	13 3 35	17°48'03	5♁11	4°34	17°14	25° 1	5°44	18° 3	22°46	23°20	21°38	6°D 0	6°43	2°21	25°45
T 9	13 7 32	18°46'52	19°12	4° 7	18°29	25°35	5°41	18° 2	22°43	23°22	21°37	6°R 0	6°40	2°28	25°48
F 10	13 11 29	19°45'38	3♁21	3°44	19°43	26°10	5°38	18° 1	22°41	23°23	21°36	5°59	6°36	2°34	25°52
S 11	13 15 25	20°44'24	17°35	3°27	20°57	26°44	5°35	17°59	22°38	23°25	21°34	5°57	6°33	2°41	25°55
S 12	13 19 22	21°43'07	1♃53	3°15	22°12	27°19	5°31	17°58	22°36	23°27	21°33	5°52	6°30	2°48	25°59
M13	13 23 18	22°41'49	16°11	3° 8	23°26	27°53	5°27	17°56	22°33	23°29	21°31	5°44	6°27	2°54	26° 2
T 14	13 27 15	23°40'28	0°Y26	3°D 6	24°40	28°28	5°24	17°55	22°30	23°31	21°30	5°35	6°24	3° 1	26° 5
W15	13 31 11	24°39'06	14°30	3°10	25°54	29° 3	5°19	17°53	22°28	23°33	21°29	5°24	6°20	3° 8	26° 9
T 16	13 35 8	25°37'42	28°21	3°18	27° 8	29°37	5°15	17°51	22°25	23°35	21°27	5°12	6°17	3°14	26°12
F 17	13 39 4	26°36'17	11♁52	3°32	28°23	0♁12	5°11	17°49	22°23	23°37	21°26	5° 2	6°14	3°21	26°15
S 18	13 43 1	27°34'49	25° 3	3°50	29°37	0°47	5° 6	17°47	22°20	23°40	21°25	4°54	6°11	3°28	26°19
S 19	13 46 57	28°33'19	7II52	4°13	0♁51	1°22	5° 2	17°45	22°18	23°42	21°24	4°48	6° 8	3°34	26°22
M20	13 50 54	29°31'47	20°22	4°40	2° 5	1°56	4°57	17°43	22°15	23°44	21°23	4°45	6° 5	3°41	26°25
T 21	13 54 51	0♁30'13	2♁34	5°11	3°19	2°31	4°52	17°41	22°13	23°46	21°21	4°D44	6° 1	3°48	26°28
W22	13 58 47	1°28'38	14°34	5°47	4°33	3° 6	4°47	17°39	22°10	23°48	21°20	4°44	5°58	3°54	26°32
T 23	14 2 44	2°26'59	26°25	6°26	5°47	3°41	4°41	17°36	22° 7	23°50	21°19	4°45	5°55	4° 1	26°35
F 24	14 6 40	3°25'19	8♁15	7° 9	7° 2	4°16	4°36	17°34	22° 5	23°52	21°18	4°R45	5°52	4° 8	26°38
S 25	14 10 37	4°23'37	20° 7	7°56	8°16	4°51	4°30	17°31	22° 2	23°54	21°17	4°44	5°49	4°14	26°41
S 26	14 14 33	5°21'53	2III 6	8°46	9°30	5°26	4°25	17°29	22° 0	23°56	21°16	4°40	5°46	4°21	26°44
M27	14 18 30	6°20'06	14°18	9°39	10°44	6° 2	4°19	17°26	21°58	23°59	21°15	4°34	5°42	4°28	26°47
T 28	14 22 26	7°18'18	26°46	10°35	11°58	6°37	4°13	17°23	21°55	24° 1	21°14	4°27	5°39	4°34	26°50
W29	14 26 23	8°16'27	9♁32	11°35	13°12	7°12	4° 7	17°20	21°53	24° 3	21°13	4°18	5°36	4°41	26°53
T 30	14 30 20	9♁14'35	22♁38	12°Y37	14♁26	7♁47	4♁ 0	17♁17	21♁50	24♁ 5	21III12	4♁ 8	5♁33	4♁48	26♁56

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	4n20	4n 5	4n59	6n 9	2n36	2n11	1s20	24n51	1n41	20s23	0n58	21s20	1n37	8s24	0n38	16n57	1s41	18n 5	16n13	23n18	23n17	21n55	1n28	3n37
T 2	4 43	0s58	4 58	5 38	2 23	2 41	1 19	24 53	1 41	20 23	0 58	21 20	1 37	8 23	0 38	16 57	1 41	18 6	16 12	23 18	23 17	21 55	1 29	3 37
F 3	5 6	6 5	4 41	5 6	2 9	3 11	1 18	24 55	1 41	20 23	0 58	21 19	1 37	8 22	0 38	16 58	1 41	18 6	16 12	23 19	23 17	21 54	1 31	3 37
S 4	5 29	11 1	4 9	4 35	1 55	3 41	1 17	24 57	1 40	20 22	0 58	21 19	1 38	8 21	0 38	16 58	1 41	18 7	16 12	23 20	23 18	21 53	1 32	3 37
S 5	5 52	15 29	3 23	4 3	1 39	4 11	1 16	24 58	1 40	20 22	0 58	21 19	1 38	8 20	0 38	16 59	1 41	18 7	16 12	23 20	23 18	21 53	1 33	3 37
M 6	6 15	19 13	2 25	3 33	1 23	4 41	1 15	25 0	1 40	20 21	0 58	21 19	1 38	8 19	0 38	16 59	1 41	18 8	16 12	23 20	23 18	21 52	1 35	3 37
T 7	6 37	21 54	1 17	3 3	1 7	5 10	1 13	25 1	1 40	20 21	0 59	21 19	1 38	8 18	0 38	17 0	1 41	18 8	16 12	23 20	23 18	21 51	1 36	3 37
W 8	7 0	23 18	0 4	2 35	0 50	5 40	1 12	25 2	1 39	20 20	0 59	21 19	1 38	8 17	0 38	17 0	1 41	18 9	16 12	23 20	23 18	21 50	1 38	3 37
T 9	7 22	23 15	1s 9	2 9	0 34	6 10	1 11	25 3	1 39	20 19	0 59	21 18	1 38	8 16	0 38	17 1	1 41	18 9	16 11	23 20	23 18	21 50	1 39	3 37
F 10	7 44	21 42	2 20	1 46	0 18	6 39	1 10	25 4	1 39	20 19	0 59	21 18	1 38	8 15	0 38	17 1	1 41	18 9	16 11	23 20	23 19	21 49	1 40	3 37
S 11	8 7	18 47	3 21	1 24	0 2	7 8	1 8	25 5	1 39	20 18	0 59	21 18	1 38	8 14	0 38	17 2	1 41	18 10	16 11	23 20	23 19	21 48	1 42	3 37
S 12	8 29	14 43	4 11	1 5	0s14	7 37	1 7	25 5	1 38	20 18	0 59	21 18	1 38	8 13	0 38	17 2	1 41	18 10	16 11	23 21	23 19	21 47	1 43	3 37
M13	8 51	9 49	4 45	0 49	0 29	8 6	1 5	25 6	1 38	20 17	0 59	21 18	1 38	8 12	0 38	17 3	1 41	18 10	16 11	23 21	23 19	21 46	1 45	3 37
T 14	9 12	4 25	5 1	0 35	0 43	8 35	1 4	25 6	1 38	20 16	0 59	21 17	1 38	8 11	0 38	17 3	1 41	18 11	16 10	23 21	23 19	21 46	1 46	3 37
W15	9 34	1n 9	4 58	0 23	0 57	9 4	1 2	25 6	1 38	20 15	0 59	21 17	1 38	8 10	0 38	17 4	1 41	18 11	16 10	23 22	23 19	21 45	1 47	3 37
T 16	9 55	6 34	4 38	0 15	1 10	9 32	1 0	25 6	1 37	20 15	0 59	21 17	1 39	8 10	0 38	17 4	1 41	18 11	16 10	23 22	23 20	21 44	1 49	3 37
F 17	10 17	11 34	4 2	0 9	1 22	10 0	0 59	25 6	1 37	20 14	0 59	21 17	1 39	8 9	0 38	17 5	1 41	18 12	16 10	23 23	23 20	21 43	1 50	3 37
S 18	10 38	15 54	3 15	0 5	1 34	10 28	0 57	25 5	1 37	20 13	0 59	21 17	1 39	8 8	0 38	17 5	1 41	18 12	16 9	23 23	23 20	21 42	1 51	3 37
S 19	10 59	19 23	2 18	0 4	1 45	10 56	0 55	25 5	1 37	20 12	0 59	21 16	1 39	8 7	0 38	17 6	1 41	18 12	16 9	23 23	23 20	21 42	1 53	3 37
M20	11 19	21 52	1 16	0 6	1 55	11 23	0 53	25 4	1 36	20 11	0 59	21 16	1 39	8 6	0 38	17 7	1 41	18 12	16 9	23 23	23 20	21 41	1 54	3 37
T 21	11 40	23 15	0 12	0 9	2 5	11 50	0 51	25 3	1 36	20 10	0 59	21 16	1 39	8 5	0 37	17 7	1 41	18 13	16 9	23 23	23 20	21 40	1 55	3 37
W22	12 0	23 33	0n52	0 16	2 13	12 17	0 49	25 2	1 36	20 9	0 59	21 15	1 39	8 4	0 37	17 8	1 41	18 13	16 8	23 23	23 20	21 39	1 57	3 37
T 23	12 21	22 45	1 53	0 24	2 21	12 44	0 47	25 1	1 36	20 8	0 59	21 15	1 39	8 3	0 37	17 8	1 41	18 13	16 8	23 23	23 21	21 38	1 58	3 38
F 24	12 40	20 57	2 49	0 34	2 28	13 10	0 45	25 0	1 35	20 7	0 59	21 15	1 39	8 2	0 37	17 9	1 40	18 13	16 8	23 23	23 21	21 38	1 59	3 38
S 25	13 0	18 15	3 38	0 47	2 35	13 36	0 43	24 58	1 35	20 6	0 59	21 15	1 39	8 1	0 37	17 9	1 40	18 13	16 7	23 23	23 21	21 37	2 0	3 38
S 26	13 20	14 45	4 18	1 1	2 41	14 1	0 41	24 57	1 35	20 5	0 59	21 14	1 39	8 0	0 37	17 10	1 40	18 14	16 7	23 24	23 21	21 36	2 2	3 38
M27	13 39	10 35	4 47	1 17	2 46	14 27	0 39	24 55	1 35	20 4	0 59	21 14	1 39	7 59	0 37	17 10	1 40	18 14	16 7	23 24	23 21	21 35	2 3	3 38
T 28	13 58	5 55	5 3	1 36	2 50	14 52	0 37	24 53	1 34	20 3	0 59	21 14	1 39	7 58	0 37	17 11	1 40	18 14	16 6	23 24	23 21	21 34	2 4	3 38
W29	14 17	0 52	5 4	1 55	2 53	15 16	0 35	24 51	1 34	20 2	0 59	21 13	1 39	7 58	0 37	17 11	1 40	18 14	16 6	23 24	23 21	21 33	2 6	3 38
T 30	14n36	4s20	4n50	2n17	2s5																			

SWISS EPHEMERIS for the year 1722

MAY 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♁	♂	♄	♃	♅	♁	♂	♄	♃	♅
F 1	14 34 16	10♌12'41	6♋ 1	13°42	15♌39	8♌22	3°R54	17°R14	21°R48	24♌ 7	21°R11	3°R59	5♌30	4♌54	26♌59				
S 2	14 38 13	11°10'45	19°41	14°50	16°53	8°58	3♌48	17♌11	21♌45	24° 9	21♌10	3♌51	5°26	5° 1	27° 2				
S 3	14 42 9	12° 8'48	3♌35	16° 0	18° 7	9°33	3°41	17° 8	21°43	24°12	21° 9	3°46	5°23	5° 8	27° 5				
M 4	14 46 6	13° 6'49	17°38	17°13	19°21	10° 8	3°35	17° 5	21°41	24°14	21° 8	3°42	5°20	5°14	27° 8				
T 5	14 50 2	14° 4'49	1♌47	18°29	20°35	10°44	3°28	17° 2	21°38	24°16	21° 7	3°D41	5°17	5°21	27°10				
W 6	14 53 59	15° 2'47	15°59	19°47	21°49	11°19	3°21	16°58	21°36	24°18	21° 6	3°42	5°14	5°28	27°13				
T 7	14 57 55	16° 0'45	0♌11	21° 7	23° 3	11°54	3°14	16°55	21°34	24°21	21° 6	3°43	5°11	5°34	27°16				
F 8	15 1 52	16°58'40	14°22	22°30	24°17	12°30	3° 7	16°51	21°32	24°23	21° 5	3°R44	5° 7	5°41	27°19				
S 9	15 5 49	17°56'35	28°30	23°54	25°31	13° 5	3° 0	16°48	21°29	24°25	21° 4	3°43	5° 4	5°48	27°21				
S 10	15 9 45	18°54'28	12♌33	25°22	26°44	13°41	2°53	16°44	21°27	24°27	21° 3	3°41	5° 1	5°54	27°24				
M11	15 13 42	19°52'20	26°30	26°51	27°58	14°17	2°46	16°41	21°25	24°29	21° 3	3°37	4°58	6° 1	27°26				
T 12	15 17 38	20°50'11	10♌18	28°22	29°12	14°52	2°38	16°37	21°23	24°32	21° 2	3°31	4°55	6° 8	27°29				
W13	15 21 35	21°48'00	23°56	29°56	0♌26	15°28	2°31	16°33	21°21	24°34	21° 1	3°24	4°52	6°14	27°31				
T 14	15 25 31	22°45'48	7♌20	1♌32	1°40	16° 3	2°24	16°29	21°19	24°36	21° 1	3°18	4°48	6°21	27°34				
F 15	15 29 28	23°43'35	20°30	3°10	2°53	16°39	2°16	16°25	21°17	24°38	21° 0	3°11	4°45	6°28	27°36				
S 16	15 33 24	24°41'21	3♌23	4°50	4° 7	17°15	2° 9	16°22	21°15	24°41	21° 0	3° 6	4°42	6°34	27°39				
S 17	15 37 21	25°39'05	16° 0	6°33	5°21	17°51	2° 1	16°18	21°13	24°43	20°59	3° 3	4°39	6°41	27°41				
M18	15 41 18	26°36'48	28°22	8°17	6°34	18°26	1°54	16°14	21°11	24°45	20°59	3°D 2	4°36	6°48	27°43				
T 19	15 45 14	27°34'29	10♌30	10° 4	7°48	19° 2	1°46	16°10	21° 9	24°47	20°58	3° 2	4°32	6°54	27°46				
W20	15 49 11	28°32'09	22°28	11°53	9° 2	19°38	1°38	16° 5	21° 7	24°50	20°58	3° 3	4°29	7° 1	27°48				
T 21	15 53 7	29°29'48	4♌20	13°43	10°16	20°14	1°31	16° 1	21° 5	24°52	20°58	3° 5	4°26	7° 8	27°50				
F 22	15 57 4	0♌27'25	16° 9	15°37	11°29	20°50	1°23	15°57	21° 3	24°54	20°57	3° 7	4°23	7°14	27°52				
S 23	16 1 0	1°25'00	28° 2	17°32	12°43	21°26	1°15	15°53	21° 2	24°56	20°57	3°R 7	4°20	7°21	27°54				
S 24	16 4 57	2°22'34	10♌12	19°29	13°57	22° 2	1° 8	15°49	21° 0	24°59	20°57	3° 7	4°17	7°28	27°56				
M25	16 8 53	3°20'06	22°15	21°28	15°10	22°37	1° 0	15°45	20°58	25° 1	20°56	3° 6	4°13	7°34	27°58				
T 26	16 12 50	4°17'38	4♌44	23°29	16°24	23°13	0°53	15°40	20°57	25° 3	20°56	3° 3	4°10	7°41	28° 0				
W27	16 16 47	5°15'07	17°34	25°32	17°37	23°49	0°45	15°36	20°55	25° 5	20°56	2°59	4° 7	7°48	28° 2				
T 28	16 20 43	6°12'36	0♌47	27°37	18°51	24°25	0°37	15°32	20°53	25° 8	20°56	2°55	4° 4	7°54	28° 4				
F 29	16 24 40	7°10'03	14°22	29°44	20° 4	25° 2	0°30	15°27	20°52	25°10	20°56	2°51	4° 1	8° 1	28° 6				
S 30	16 28 36	8° 7'29	28°19	1♌52	21°18	25°38	0°22	15°23	20°50	25°12	20°56	2°48	3°58	8° 8	28° 7				
S 31	16 32 33	9♌ 4'55	12♌33	4♌ 1	22♌31	26♌14	0♌15	15♌19	20♌49	25♌14	20♌56	2♌46	3♌54	8♌14	28♌ 9				

Day	☉		☽		♀		♁		♂		♄		♃		♅		♁		♂		♄		♅	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14n54	9s28	4n19	2n40	2s59	16n 4	0s30	24n46	1n34	20s 0	0n59	21s13	1n39	7s56	0n37	17n13	1s40	18n14	16n 5	23n25	23n22	21n31	2n 8	3n38
S 2	15 12 14	15 14	3 34	3 5	3 0	16 27	0 28	24 43	1 33	19 58	0 59	21 12	1 39	7 55	0 37	17 13	1 40	18 14	16 5	23 25	23 22	21 31	2 9	3 38
S 3	15 30 18	22 2 35	3 31	3 1	16 50	0 26	24 41	1 33	19 57	0 59	21 12	1 40	7 54	0 37	17 14	1 40	18 14	16 5	23 25	23 22	21 31	2 10	3 38	
M 4	15 48 21	29 1 25	3 59	3 1	17 13	0 24	24 38	1 33	19 56	0 59	21 12	1 40	7 53	0 37	17 14	1 40	18 14	16 4	23 25	23 22	21 29	2 12	3 38	
T 5	16 5 23	17 0 10	4 28	3 1	17 35	0 21	24 35	1 32	19 55	0 59	21 11	1 40	7 52	0 37	17 15	1 40	18 14	16 4	23 25	23 22	21 28	2 13	3 38	
W 6	16 22 23	36 1s 6	4 58	3 0	17 56	0 19	24 31	1 32	19 53	0 59	21 11	1 40	7 51	0 37	17 15	1 40	18 14	16 4	23 25	23 22	21 27	2 14	3 38	
T 7	16 39 22	23 2 18	5 30	2 58	18 18	0 17	24 28	1 32	19 52	0 59	21 11	1 40	7 51	0 37	17 16	1 40	18 14	16 3	23 25	23 22	21 26	2 15	3 38	
F 8	16 56 19	46 3 22	6 2	2 56	18 38	0 14	24 24	1 32	19 51	0 59	21 10	1 40	7 50	0 37	17 16	1 40	18 14	16 3	23 25	23 23	21 25	2 16	3 39	
S 9	17 12 15	58 4 13	6 36	2 53	18 58	0 12	24 21	1 31	19 50	0 59	21 10	1 40	7 49	0 37	17 17	1 40	18 14	16 3	23 25	23 23	21 24	2 17	3 39	
S 10	17 28 11	18 4 48	7 11	2 50	19 18	0 10	24 17	1 31	19 48	0 59	21 10	1 40	7 48	0 37	17 18	1 40	18 14	16 2	23 25	23 23	21 23	2 19	3 39	
M11	17 44 6	5 5 7	7 47	2 46	19 37	0 7	24 13	1 31	19 47	0 59	21 9	1 40	7 47	0 37	17 18	1 40	18 14	16 2	23 26	23 23	21 22	2 20	3 39	
T 12	17 59 0	37 5 7	8 24	2 42	19 56	0 5	24 8	1 30	19 46	0 59	21 9	1 40	7 47	0 37	17 19	1 40	18 14	16 1	23 26	23 23	21 21	2 21	3 39	
W13	18 15 4n49	4 50	9 1	2 37	20 14	0 2	24 4	1 30	19 44	0 59	21 8	1 40	7 46	0 37	17 19	1 40	18 14	16 1	23 26	23 23	21 20	2 22	3 39	
T 14	18 29 9	56 4 17	9 40	2 31	20 31	0n 0	24 0	1 30	19 43	0 59	21 8	1 40	7 45	0 37	17 20	1 40	18 14	16 1	23 26	23 23	21 19	2 23	3 39	
F 15	18 44 14	31 3 30	10 19	2 25	20 48	0 2	23 55	1 29	19 41	0 59	21 8	1 40	7 44	0 37	17 20	1 40	18 13	16 0	23 26	23 23	21 19	2 24	3 39	
S 16	18 58 18	20 2 34	10 59	2 18	21 5	0 5	23 50	1 29	19 40	0 58	21 7	1 40	7 44	0 37	17 21	1 40	18 13	16 0	23 26	23 23	21 18	2 25	3 39	
S 17	19 12 21	13 1 31	11 39	2 11	21 21	0 7	23 45	1 29	19 39	0 58	21 7	1 40	7 43	0 37	17 21	1 40	18 13	15 59	23 26	23 24	21 17	2 26	3 39	
M18	19 26 23	2 0 25	12 20	2 0	21 36	0 10	23 40	1 29	19 37	0 58	21 6	1 40	7 42	0 37	17 22	1 40	18 13	15 59	23 26	23 24	21 16	2 27	3 40	
T 19	19 39 23	44 0n41	13 1	1 56	21 51	0 12	23 35	1 28	19 36	0 58	21 6	1 40	7 42	0 37	17 22	1 40	18 13	15 58	23 26	23 24	21 15	2 28	3 40	
W20	19 52 23	19 1 44	13 43	1 47	22 5	0 15	23 29	1 28	19 34	0 58	21 6	1 40	7 41	0 37	17 23	1 40	18 12	15 58	23 26	23 24	21 14	2 29	3 40	
T 21	20 4 21	50 2 43	14 25	1 38	22 18	0 17	23 24	1 28	19 33	0 58	21 5	1 40	7 40	0 37	17 24									

SWISS EPHEMERIS for the year 1722

JUNE 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	16 36 29	10II 2'19	27♂ 1	6II11	23II45	26♂50	0°R 7	15°R14	20°R48	25♂16	20°D56	2°D45	3♂51	8♂21	28♂11	
T 2	16 40 26	10°59'43	11♂36	8°22	24°58	27°26	29♂59	15♂10	20♂46	25°19	20♂56	2♂45	3°48	8°28	28°12	
W 3	16 44 23	11°57'05	26°13	10°34	26°12	28° 2	29°53	15° 5	20°45	25°21	20°56	2°46	3°45	8°34	28°14	
T 4	16 48 19	12°54'28	10♂46	12°46	27°25	28°38	29°45	15° 1	20°44	25°23	20°56	2°47	3°42	8°41	28°15	
F 5	16 52 16	13°51'49	25°10	14°58	28°39	29°15	29°38	14°57	20°43	25°25	20°56	2°48	3°38	8°48	28°17	
S 6	16 56 12	14°49'10	9♂23	17°10	29°52	29°51	29°31	14°52	20°41	25°27	20°56	2°R49	3°35	8°54	28°18	
S 7	17 0 9	15°46'30	23°23	19°21	1♂ 6	0♂27	29°24	14°48	20°40	25°29	20°56	2°49	3°32	9° 1	28°20	
M 8	17 4 5	16°43'50	7♀ 8	21°32	2°19	1° 3	29°17	14°43	20°39	25°32	20°56	2°48	3°29	9° 8	28°21	
T 9	17 8 2	17°41'10	20°38	23°41	3°33	1°40	29°10	14°39	20°38	25°34	20°57	2°47	3°26	9°14	28°22	
W10	17 11 58	18°38'29	3♂53	25°50	4°46	2°16	29° 3	14°34	20°37	25°36	20°57	2°45	3°23	9°21	28°23	
T 11	17 15 55	19°35'48	16°54	27°57	5°59	2°52	28°56	14°30	20°36	25°38	20°57	2°43	3°19	9°28	28°24	
F 12	17 19 52	20°33'06	29°41	0♂ 2	7°13	3°29	28°49	14°26	20°35	25°40	20°57	2°42	3°16	9°34	28°26	
S 13	17 23 48	21°30'24	12II15	2° 6	8°26	4° 5	28°43	14°21	20°34	25°42	20°58	2°40	3°13	9°41	28°27	
S 14	17 27 45	22°27'41	24°36	4° 7	9°40	4°42	28°36	14°17	20°34	25°44	20°58	2°40	3°10	9°48	28°28	
M15	17 31 41	23°24'58	6♂46	6° 7	10°53	5°18	28°30	14°13	20°33	25°46	20°59	2°D40	3° 7	9°54	28°28	
T 16	17 35 38	24°22'14	18°47	8° 5	12° 6	5°55	28°24	14° 8	20°32	25°48	20°59	2°40	3° 4	10° 1	28°29	
W17	17 39 34	25°19'30	0♂41	10° 1	13°20	6°31	28°18	14° 4	20°32	25°50	21° 0	2°41	3° 0	10° 8	28°30	
T 18	17 43 31	26°16'45	12°31	11°54	14°33	7° 8	28°12	14° 0	20°31	25°52	21° 0	2°41	2°57	10°14	28°31	
F 19	17 47 27	27°14'00	24°20	13°46	15°46	7°44	28° 6	13°55	20°31	25°54	21° 1	2°42	2°54	10°21	28°32	
S 20	17 51 24	28°11'13	6♂13	15°35	16°59	8°21	28° 0	13°51	20°30	25°56	21° 1	2°42	2°51	10°28	28°32	
S 21	17 55 21	29° 8'27	18°12	17°22	18°13	8°57	27°54	13°47	20°30	25°58	21° 2	2°43	2°48	10°34	28°33	
M22	17 59 17	0♂ 5'39	0♂24	19° 6	19°26	9°34	27°49	13°43	20°29	26° 0	21° 2	2°R43	2°44	10°41	28°34	
T 23	18 3 14	1° 2'51	12°52	20°49	20°39	10°11	27°43	13°39	20°29	26° 2	21° 3	2°43	2°41	10°48	28°34	
W24	18 7 10	2° 0'03	25°40	22°29	21°52	10°47	27°38	13°35	20°29	26° 4	21° 4	2°43	2°38	10°54	28°35	
T 25	18 11 7	2°57'14	8♂51	24° 7	23° 5	11°24	27°33	13°31	20°28	26° 6	21° 5	2°D43	2°35	11° 1	28°35	
F 26	18 15 3	3°54'25	22°28	25°42	24°19	12° 1	27°28	13°27	20°28	26° 8	21° 5	2°43	2°32	11° 8	28°35	
S 27	18 19 0	4°51'35	6♂30	27°16	25°32	12°38	27°23	13°23	20°28	26°10	21° 6	2°43	2°29	11°14	28°36	
S 28	18 22 56	5°48'45	20°56	28°47	26°45	13°14	27°19	13°19	20°28	26°11	21° 7	2°43	2°25	11°21	28°36	
M29	18 26 53	6°45'56	5♂40	0♂16	27°58	13°51	27°14	13°15	20°D28	26°13	21° 8	2°R43	2°22	11°28	28°36	
T 30	18 30 50	7♂43'06	20♂37	1♂42	29♂11	14♂28	27°10	13♂11	20♂28	26♂15	21♂ 9	2♂43	2♂19	11♂34	28♂36	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	21n59	22s55	0n32	21n37	0n15	24n 2	0n43	22n12	1n24	19s17	0n57	21s 1	1n39	7s34	0n37	17n29
T 2	22 8 23 47	0s49	22 9	0 25 24 8	0 45	22 4	1 24	19 16	0 57	21 0	1 39	7 33	0 37	17 30	1 40	18 8
W 3	22 15 23 0	2 6	22 39	0 35 24 12	0 47	21 57	1 24	19 14	0 56	21 0	1 39	7 33	0 36	17 30	1 40	18 8
T 4	22 23 20 41	3 15	23 6	0 45 24 16	0 49	21 49	1 23	19 13	0 56	20 59	1 39	7 33	0 36	17 31	1 40	18 7
F 5	22 30 17 5	4 10	23 31	0 54 24 20	0 52	21 41	1 23	19 11	0 56	20 59	1 39	7 32	0 36	17 31	1 40	18 7
S 6	22 37 12 32	4 50	23 54	1 3 24 22	0 54	21 33	1 23	19 10	0 56	20 59	1 39	7 32	0 36	17 32	1 40	18 6
S 7	22 43 7 24	5 12	24 14	1 11 24 24	0 56	21 25	1 22	19 9	0 56	20 58	1 39	7 31	0 36	17 32	1 40	18 6
M 8	22 49 1 59	5 15	24 31	1 19 24 25	0 58	21 17	1 22	19 7	0 56	20 58	1 39	7 31	0 36	17 33	1 40	18 5
T 9	22 54 3n25	5 1 24 46	1 26 24 25	1 0 21 9	1 22	19 6	0 55	20 57	1 39	7 31	0 36	17 33	1 40	18 5	15 49	23 27
W10	22 59 8 35	4 31	24 57	1 33 24 25	1 22	19 5	0 55	20 57	1 39	7 30	0 36	17 34	1 40	18 4	15 49	23 27
T 11	23 4 13 17	3 47	25 6	1 39 24 24	1 4	20 51	1 21	19 3	0 55	20 56	1 39	7 30	0 36	17 34	1 40	18 4
F 12	23 8 17 18	2 53	25 12	1 44 24 22	1 6	20 43	1 21	19 2	0 55	20 56	1 39	7 30	0 36	17 35	1 40	18 3
S 13	23 12 20 28	1 51	25 15	1 48 24 20	1 7	20 34	1 20	19 1	0 55	20 56	1 38	7 29	0 36	17 35	1 40	18 3
S 14	23 16 22 37	0 45	25 16	1 52 24 16	1 9	20 25	1 20	19 0	0 55	20 55	1 38	7 29	0 36	17 36	1 40	18 2
M15	23 19 23 41	0n23	25 14	1 54 24 12	1 11	20 15	1 19	18 58	0 54	20 55	1 38	7 29	0 36	17 36	1 40	18 2
T 16	23 21 23 37	1 28	25 10	1 57 24 8	1 13	20 6	1 19	18 57	0 54	20 54	1 38	7 29	0 36	17 37	1 40	18 1
W17	23 24 22 28	2 29	25 3	1 58 24 2	1 14	19 57	1 19	18 56	0 54	20 54	1 38	7 28	0 36	17 37	1 41	18 0
T 18	23 25 20 20	3 24	24 55	1 59 23 56	1 16	19 47	1 18	18 55	0 54	20 54	1 38	7 28	0 36	17 37	1 41	18 0
F 19	23 27 17 20	4 9	24 44	1 58 23 50	1 18	19 37	1 18	18 54	0 54	20 53	1 38	7 28	0 36	17 38	1 41	17 59
S 20	23 28 13 39	4 44	24 31	1 58 23 42	1 19	19 27	1 18	18 53	0 53	20 53	1 38	7 28	0 36	17 38	1 41	17 59
S 21	23 28 9 23	5 7	24 16	1 56 23 34	1 21	19 17	1 17	18 52	0 53	20 52	1 38	7 28	0 36	17 39	1 41	17 58
M22	23 29 4 41	5 17	24 0	1 54 23 25	1 22	19 7	1 17	18 50	0 53	20 52	1 38	7 28	0 36	17 39	1 41	17 57
T 23	23 28 0s17	5 13	23 42	1 51 23 15	1 23	18 57	1 17	18 49	0 53	20 52	1 37	7 28	0 36	17 40	1 41	17 57
W24	23 28 5 23	4 52	23 22	1 48 23 5	1 25	18 47	1 16	18 48	0 53	20 51	1 37	7 28	0 36	17 40	1 41	17 56
T 25	23 27 10 25	4 17	23 1	1 44 22 54	1 26	18 36	1 16	18 48	0 52	20 51	1 37	7 27	0 36	17 40	1 41	17 55
F 26	23 25 15 6	3 25	22 39	1 39 22 43	1 27	18 26	1 16	18 47	0 52	20 51	1 37	7 27	0 36	17 41	1 41	17 54
S 27	23 23 19 7	2 21	22 16	1 34 22 31	1 28	18 15	1 15	18 46	0 52	20 50	1 37	7 27	0 36	17 41	1 41	17 54
S 28	23 21 22 5	1 5	21 52	1 28 22 18	1 29	18 4	1 15	18 45	0 52	20 50	1 37	7 27	0 36	17 42	1 41	17 53
M29	23 18 23 38	0s16	21 27	1 21 22 4	1 30	17 53	1 15	18 44	0 51	20 50	1 37	7 28	0 36	17 42	1 41	17 52
T 30	23n15	23s30	1s38	21n 1	1n14	21n50	1n31	17n42	1n14	18s43	0n51	20s49	1n36	7s28	0n35	17n42

Julian Day Number = 2350158.5, Delta T = 10.02 sec
 Ecliptic obliquity = 23°28'30, Nutation = - 0°00'18
 Ayanamsha: Fagan/Bradley = 20°51'55, Lahiri = 19°58'55Greg. Calendar

SWISS EPHEMERIS for the year 1722

JULY 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	18 34 46	8 ^h 20'16"	5 ^h 37'	3 ^h 06'	0 ^h 24'	15 ^h 05'	27 ^h 06'	13 ^h 07'	20 ^h 28'	26 ^h 17'	21 ^h 10'	2 ^h 04'	2 ^h 16'	11 ^h 41'	28 ^h 36'
T 2	18 38 43	9 ^h 37'26"	2 ^h 33'	4 ^h 28'	1 ^h 37'	15 ^h 42'	27 ^h 02'	13 ^h 03'	20 ^h 28'	26 ^h 19'	21 ^h 11'	2 ^h 04'	2 ^h 13'	11 ^h 48'	28 ^h 36'
F 3	18 42 39	10 ^h 34'36"	5 ^h 17'	5 ^h 47'	2 ^h 50'	16 ^h 19'	26 ^h 58'	13 ^h 0	20 ^h 29'	26 ^h 20'	21 ^h 12'	2 ^h 01'	2 ^h 10'	11 ^h 54'	28 ^h 36'
S 4	18 46 36	11 ^h 31'47"	1 ^h 9'44"	7 ^h 3	4 ^h 3	16 ^h 56'	26 ^h 54'	12 ^h 56'	20 ^h 29'	26 ^h 22'	21 ^h 13'	2 ^h 00'	2 ^h 6	12 ^h 1	28 ^h 36'
S 5	18 50 32	12 ^h 28'58"	3 ^h 09'49"	8 ^h 18'	5 ^h 16'	17 ^h 33'	26 ^h 51'	12 ^h 53'	20 ^h 29'	26 ^h 24'	21 ^h 14'	2 ^h 00'	2 ^h 3	12 ^h 8	28 ^h 36'
M 6	18 54 29	13 ^h 26'10"	1 ^h 7'33"	9 ^h 29'	6 ^h 29'	18 ^h 9	26 ^h 47'	12 ^h 49'	20 ^h 29'	26 ^h 25'	21 ^h 15'	2 ^h 00'	2 ^h 0	12 ^h 14'	28 ^h 36'
T 7	18 58 25	14 ^h 23'22"	0 ^h 55'54"	10 ^h 38'	7 ^h 42'	18 ^h 46'	26 ^h 44'	12 ^h 46'	20 ^h 30'	26 ^h 27'	21 ^h 16'	2 ^h 00'	1 ^h 57'	12 ^h 21'	28 ^h 36'
W 8	19 2 22	15 ^h 20'34"	1 ^h 3'56"	11 ^h 44'	8 ^h 55'	19 ^h 24'	26 ^h 41'	12 ^h 42'	20 ^h 30'	26 ^h 29'	21 ^h 17'	2 ^h 01'	1 ^h 54'	12 ^h 28'	28 ^h 35'
T 9	19 6 19	16 ^h 17'47"	2 ^h 6'40"	12 ^h 48'	10 ^h 8	20 ^h 1	26 ^h 38'	12 ^h 39'	20 ^h 31'	26 ^h 30'	21 ^h 18'	2 ^h 02'	1 ^h 50'	12 ^h 35'	28 ^h 35'
F 10	19 10 15	17 ^h 15'01"	9 ^h 11' 9	13 ^h 48'	11 ^h 21'	20 ^h 38'	26 ^h 35'	12 ^h 36'	20 ^h 31'	26 ^h 32'	21 ^h 19'	2 ^h 03'	1 ^h 47'	12 ^h 41'	28 ^h 35'
S 11	19 14 12	18 ^h 12'15"	2 ^h 1'26"	14 ^h 46'	12 ^h 34'	21 ^h 15'	26 ^h 33'	12 ^h 32'	20 ^h 32'	26 ^h 33'	21 ^h 20'	2 ^h 04'	1 ^h 44'	12 ^h 48'	28 ^h 34'
S 12	19 18 8	19 ^h 9'29"	3 ^h 33'33"	15 ^h 40'	13 ^h 47'	21 ^h 52'	26 ^h 31'	12 ^h 29'	20 ^h 33'	26 ^h 35'	21 ^h 22'	2 ^h 04'	1 ^h 41'	12 ^h 55'	28 ^h 34'
M13	19 22 5	20 ^h 6'44"	1 ^h 53'33"	16 ^h 31'	15 ^h 0	22 ^h 29'	26 ^h 29'	12 ^h 26'	20 ^h 33'	26 ^h 36'	21 ^h 23'	2 ^h 04'	1 ^h 38'	13 ^h 1	28 ^h 33'
T 14	19 26 1	21 ^h 4'00"	2 ^h 7'27"	17 ^h 19'	16 ^h 13'	23 ^h 6	26 ^h 27'	12 ^h 23'	20 ^h 34'	26 ^h 38'	21 ^h 24'	2 ^h 03'	1 ^h 35'	13 ^h 8	28 ^h 32'
W15	19 29 58	22 ^h 1'16"	9 ^h 01'17"	18 ^h 3	17 ^h 25'	23 ^h 43'	26 ^h 25'	12 ^h 20'	20 ^h 35'	26 ^h 39'	21 ^h 25'	2 ^h 00'	1 ^h 31'	13 ^h 15'	28 ^h 32'
T 16	19 33 54	22 ^h 58'32"	2 ^h 1' 6	18 ^h 43'	18 ^h 38'	24 ^h 21'	26 ^h 23'	12 ^h 18'	20 ^h 36'	26 ^h 41'	21 ^h 27'	2 ^h 03'	1 ^h 28'	13 ^h 21'	28 ^h 31'
F 17	19 37 51	23 ^h 55'48"	2 ^h 09'56"	19 ^h 20'	19 ^h 51'	24 ^h 58'	26 ^h 22'	12 ^h 15'	20 ^h 37'	26 ^h 42'	21 ^h 28'	2 ^h 04'	1 ^h 25'	13 ^h 28'	28 ^h 30'
S 18	19 41 48	24 ^h 53'05"	1 ^h 4'50"	19 ^h 53'	21 ^h 4	25 ^h 35'	26 ^h 21'	12 ^h 12'	20 ^h 38'	26 ^h 44'	21 ^h 30'	2 ^h 03'	1 ^h 22'	13 ^h 35'	28 ^h 29'
S 19	19 45 44	25 ^h 50'22"	2 ^h 6'51"	20 ^h 22'	22 ^h 16'	26 ^h 13'	26 ^h 20'	12 ^h 10'	20 ^h 39'	26 ^h 45'	21 ^h 31'	2 ^h 02'	1 ^h 19'	13 ^h 41'	28 ^h 28'
M20	19 49 41	26 ^h 47'40"	9 ^h 2' 2	20 ^h 46'	23 ^h 29'	26 ^h 50'	26 ^h 19'	12 ^h 7	20 ^h 40'	26 ^h 46'	21 ^h 32'	2 ^h 02'	1 ^h 15'	13 ^h 48'	28 ^h 28'
T 21	19 53 37	27 ^h 44'58"	2 ^h 1'27"	21 ^h 6	24 ^h 42'	27 ^h 27'	26 ^h 18'	12 ^h 5	20 ^h 41'	26 ^h 48'	21 ^h 34'	2 ^h 02'	1 ^h 12'	13 ^h 55'	28 ^h 27'
W22	19 57 34	28 ^h 42'16"	4 ^h 01'11"	21 ^h 21'	25 ^h 55'	28 ^h 5	26 ^h 18'	12 ^h 2	20 ^h 42'	26 ^h 49'	21 ^h 35'	2 ^h 02'	1 ^h 9	14 ^h 1	28 ^h 26'
T 23	20 1 30	29 ^h 39'35"	1 ^h 7'17"	21 ^h 32'	27 ^h 7	28 ^h 42'	26 ^h 17'	12 ^h 0	20 ^h 43'	26 ^h 50'	21 ^h 37'	2 ^h 02'	1 ^h 6	14 ^h 8	28 ^h 24'
F 24	20 5 27	0 ^h 36'54"	0 ^h 2'47"	21 ^h 37'	28 ^h 20'	29 ^h 20'	26 ^h D17'	11 ^h 58'	20 ^h 45'	26 ^h 51'	21 ^h 38'	2 ^h 02'	1 ^h 3	14 ^h 15'	28 ^h 23'
S 25	20 9 23	1 ^h 34'14"	1 ^h 4'45"	21 ^h R38	29 ^h 32'	29 ^h 57'	26 ^h 17'	11 ^h 56'	20 ^h 46'	26 ^h 53'	21 ^h 40'	2 ^h 02'	1 ^h 0	14 ^h 21'	28 ^h 22'
S 26	20 13 20	2 ^h 31'34"	2 ^h 9' 9	21 ^h 33'	0 ^h 09'45"	0 ^h 09'35"	26 ^h 17'	11 ^h 54'	20 ^h 47'	26 ^h 54'	21 ^h 42'	2 ^h 02'	0 ^h 56'	14 ^h 28'	28 ^h 21'
M27	20 17 17	3 ^h 28'56"	1 ^h 3'57"	21 ^h 24'	1 ^h 57'	1 ^h 12'	26 ^h 18'	11 ^h 52'	20 ^h 49'	26 ^h 55'	21 ^h 43'	2 ^h 02'	0 ^h 53'	14 ^h 35'	28 ^h 20'
T 28	20 21 13	4 ^h 26'17"	2 ^h 9' 2	21 ^h 9	3 ^h 10'	1 ^h 50'	26 ^h 18'	11 ^h 50'	20 ^h 50'	26 ^h 56'	21 ^h 45'	2 ^h 02'	0 ^h 50'	14 ^h 41'	28 ^h 18'
W29	20 25 10	5 ^h 23'40"	1 ^h 4'16"	20 ^h 49'	4 ^h 22'	2 ^h 27'	26 ^h 19'	11 ^h 48'	20 ^h 52'	26 ^h 57'	21 ^h 47'	2 ^h 02'	0 ^h 47'	14 ^h 48'	28 ^h 17'
T 30	20 29 6	6 ^h 21'03"	2 ^h 9'29"	20 ^h 24'	5 ^h 35'	3 ^h 5	26 ^h 20'	11 ^h 47'	20 ^h 53'	26 ^h 58'	21 ^h 48'	2 ^h 01'	0 ^h 44'	14 ^h 55'	28 ^h 15'
F 31	20 33 3	7 ^h 18'28"	1 ^h 4'30"	19 ^h 05'5	6 ^h 09'47"	3 ^h 09'42"	26 ^h 01'21"	11 ^h 45'45"	20 ^h 55'5	26 ^h 59'5	21 ^h 50'0	2 ^h 01'4	0 ^h 51'4	15 ^h 02'2	28 ^h 14'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	23n11	21s41	2s53	20n35	1n 7	21n35	1n32	17n31	1n14	18s43	0n51	20s49	1n36	7s28	0n35	17n43	1s41	17n51	15n39	23n27	23n27	20n27	2n53	3n45
T 2	23 8 18 23	3 55 20 8	0 59 21 20	1 33 17 19	1 13 18 42	0 51 20 49	1 36 7 28	0 35 17 43	1 41 17 50	15 39 23 27	23 27 20 26	2 54 3 46												
F 3	23 3 13 57	4 42 19 40	0 50 21 4	1 33 17 8	1 13 18 41	0 51 20 48	1 36 7 28	0 35 17 44	1 41 17 49	15 38 23 27	23 27 20 24	2 54 3 46												
S 4	22 58 8 48	5 9 19 12	0 41 20 48	1 34 16 56	1 13 18 41	0 50 20 48	1 36 7 28	0 35 17 44	1 41 17 48	15 38 23 27	23 28 20 23	2 54 3 46												
S 5	22 53 3 20	5 17 18 44	0 32 20 31	1 35 16 45	1 12 18 40	0 50 20 48	1 36 7 28	0 35 17 44	1 41 17 48	15 38 23 27	23 28 20 22	2 54 3 46												
M 6	22 48 2n10	5 6 18 16	0 22 20 13	1 35 16 33	1 12 18 39	0 50 20 47	1 36 7 28	0 35 17 45	1 41 17 47	15 37 23 27	23 28 20 21	2 54 3 46												
T 7	22 42 7 26	4 39 17 47	0 12 19 55	1 36 16 21	1 12 18 39	0 50 20 47	1 35 7 28	0 35 17 45	1 41 17 46	15 37 23 27	23 28 20 19	2 54 3 46												
W 8	22 35 12 15	3 59 17 19	0 1 19 36	1 36 16 9	1 11 18 39	0 49 20 47	1 35 7 29	0 35 17 45	1 41 17 45	15 36 23 27	23 28 20 18	2 54 3 46												
T 9	22 29 16 25	3 7 16 50	0s10 19 17	1 36 15 57	1 11 18 38	0 49 20 47	1 35 7 29	0 35 17 46	1 41 17 44	15 36 23 27	23 28 20 17	2 54 3 47												
F 10	22 22 19 46	2 7 16 22	0 22 18 57	1 37 15 45	1 10 18 38	0 49 20 46	1 35 7 29	0 35 17 46	1 41 17 44	15 36 23 27	23 28 20 16	2 54 3 47												
S 11	22 14 22 10	1 2 15 54	0 33 18 36	1 37 15 33	1 10 18 37	0 49 20 46	1 35 7 29	0 35 17 46	1 41 17 43	15 35 23 27	23 28 20 14	2 54 3 47												
S 12	22 6 23 30	0n 4 15 26	0 45 18 16	1 37 15 20	1 10 18 37	0 49 20 46	1 35 7 30	0 35 17 47	1 41 17 42	15 35 23 27	23 28 20 13	2 54 3 47												
M13	21 58 23 44	1 10 14 59	0 58 17 54	1 37 15 8	1 9 18 37	0 48 20 46	1 34 7 30	0 35 17 47	1 41 17 41	15 34 23 27	23 28 20 12	2 54 3 47												
T 14	21 49 22 52	2 12 14 33	1 11 17 32	1 37 14 55	1 9 18 37	0 48 20 45	1 34 7 30	0 35 17 47	1 41 17 40	15 34 23 27	23 28 20 10	2 54 3 47												
W15	21 40 20 59	3 8 14 7	1 24 17 10	1 37 14 43	1 9 18 36	0 48 20 45	1 34 7 31	0 35 17 48	1 41 17 39	15 34 23 27	23 28 20 9	2 53 3 47												
T 16	21 31 18 12	3 56 13 42	1 37 16 47	1 36 14 30	1 8 18 36	0 48 20 45	1 34 7 31	0 35 17 48	1 42 17 38	15 33 23 27	23 28 20 8	2 53 3 47												
F 17	21 21 14 41	4 34 13 18	1 50 16 24	1 36 14 17	1 8 18 36	0 47 20 45	1 34 7 31	0 35 17 48	1 42 17 3															

SWISS EPHEMERIS for the year 1722

SEPTEMBER 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	22 39 13	8 ^m 7'02	19 ^h 42	22 ^h 18	15 ^h 6	24 ^m 3	28 ^m 29	11 ^h 45	22 ^h 10	27 ^h 15	22 ^m 53	0°R 6	28 ^h 59	18 ^h 35	27 ^h 6			
W 2	22 43 9	9° 5'13	2 ^h 42	23°57	16°17	24°42	28°36	11°46	22°13	27 ^h 15	22°55	0°D 5	28°56	18°42	27 ^h 3			
T 3	22 47 6	10° 3'26	15°17	25°39	17°28	25°21	28°43	11°48	22°16	27°15	22°58	0°D 4	28°53	18°49	27° 1			
F 4	22 51 2	11° 1'40	27°34	27°24	18°39	25°59	28°50	11°50	22°19	27°15	23° 0	0°R 5	28°49	18°56	26°58			
S 5	22 54 59	11°59'57	9 ^h 36	29°11	19°50	26°38	28°57	11°51	22°22	27°15	23° 2	0° 4	28°46	19° 2	26°55			
S 6	22 58 55	12°58'16	21°30	1 ^m 0	21° 1	27°17	29° 4	11°53	22°25	27°14	23° 4	0° 2	28°43	19° 9	26°52			
M 7	23 2 52	13°56'37	3 ^h 19	2°51	22°12	27°56	29°11	11°55	22°28	27°14	23° 6	29 ^h 58	28°40	19°16	26°50			
T 8	23 6 48	14°55'00	15° 7	4°43	23°23	28°35	29°19	11°58	22°31	27°14	23° 9	29°51	28°37	19°22	26°47			
W 9	23 10 45	15°53'25	26°58	6°36	24°34	29°14	29°26	12° 0	22°35	27°14	23°11	29°41	28°33	19°29	26°44			
T 10	23 14 42	16°51'52	8 ^m 53	8°30	25°44	29°53	29°34	12° 2	22°38	27°13	23°13	29°28	28°30	19°36	26°42			
F 11	23 18 38	17°50'21	20°55	10°23	26°55	0 ^h 32	29°42	12° 4	22°41	27°13	23°15	29°15	28°27	19°42	26°39			
S 12	23 22 35	18°48'51	3 ^h 4	12°17	28° 6	1°11	29°50	12° 7	22°44	27°13	23°18	29° 1	28°24	19°49	26°36			
S 13	23 26 31	19°47'24	15°21	14°10	29°16	1°50	29°58	12°10	22°48	27°12	23°20	28°48	28°21	19°56	26°33			
M14	23 30 28	20°45'58	27°47	16° 3	0 ^m 27	2°29	0 ^h 6	12°12	22°51	27°12	23°22	28°38	28°18	20° 2	26°30			
T 15	23 34 24	21°44'34	10 ^m 23	17°56	1°37	3° 8	0°15	12°15	22°54	27°11	23°24	28°29	28°14	20° 9	26°28			
W16	23 38 21	22°43'12	23°12	19°48	2°48	3°47	0°23	12°18	22°58	27°11	23°26	28°24	28°11	20°16	26°25			
T 17	23 42 17	23°41'52	6 ^h 15	21°39	3°58	4°26	0°32	12°21	23° 1	27°10	23°29	28°22	28° 8	20°23	26°22			
F 18	23 46 14	24°40'33	19°35	23°30	5° 8	5° 6	0°40	12°24	23° 5	27°10	23°31	28°21	28° 5	20°29	26°19			
S 19	23 50 11	25°39'16	3 ^h 15	25°19	6°18	5°45	0°49	12°27	23° 8	27° 9	23°33	28°21	28° 2	20°36	26°16			
S 20	23 54 7	26°38'01	17°15	27° 8	7°28	6°24	0°58	12°30	23°11	27° 9	23°35	28°20	27°58	20°43	26°14			
M21	23 58 4	27°36'47	1 ^h 37	28°56	8°38	7° 4	1° 7	12°33	23°15	27° 8	23°38	28°18	27°55	20°49	26°11			
T 22	0 2 0	28°35'35	16°18	0 ^h 43	9°48	7°43	1°17	12°37	23°18	27° 7	23°40	28°13	27°52	20°56	26° 8			
W23	0 5 57	29°34'25	1 ^h 14	2°29	10°58	8°23	1°26	12°40	23°22	27° 6	23°42	28° 5	27°49	21° 3	26° 5			
T 24	0 9 53	0 ^h 33'17	16°16	4°14	12° 8	9° 2	1°35	12°44	23°25	27° 6	23°44	27°55	27°46	21° 9	26° 2			
F 25	0 13 50	1°32'10	1 ^h 15	5°59	13°18	9°42	1°45	12°47	23°29	27° 5	23°47	27°44	27°43	21°16	25°59			
S 26	0 17 46	2°31'06	16° 2	7°42	14°27	10°21	1°55	12°51	23°33	27° 4	23°49	27°32	27°39	21°23	25°57			
S 27	0 21 43	3°30'04	0 ^h 28	9°24	15°37	11° 1	2° 4	12°55	23°36	27° 3	23°51	27°22	27°36	21°30	25°54			
M28	0 25 39	4°29'04	14°28	11° 6	16°46	11°40	2°14	12°59	23°40	27° 2	23°53	27°14	27°33	21°36	25°51			
T 29	0 29 36	5°28'06	27°59	12°47	17°55	12°20	2°24	13° 3	23°43	27° 2	23°55	27° 9	27°30	21°43	25°48			
W30	0 33 33	6°27'10	11 ^h 3	14°27	19 ^m 5	13° 0	2°34	13 ^h 7	23 ^h 47	27 ^h 1	23 ^m 58	27 ^h 7	27 ^h 27	21°50	25 ^h 46			

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂						
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
T 1	8n32	14n31	3s17	15n 7	1n 5	5s53	0n 5	3n 7	0n49	19s15	0n37	20s50	1n24	8s 8	0n33	17n53	1s44	16n54	15n22	23n29	23n28	19n 0	2n23	3n51
W 2	8 10	18 26	2 20	14 43	1 14	6 23	0 2	2 51	0 48	19 17	0 37	20 50	1 24	8 9	0 33	17 53	1 44	16 53	15 22	23 29	23 28	18 59	2 22	3 51
T 3	7 49	21 22	1 18	14 16	1 22	6 54	0s 2	2 35	0 48	19 18	0 37	20 51	1 24	8 10	0 33	17 53	1 44	16 52	15 22	23 29	23 28	18 57	2 21	3 51
F 4	7 26	23 14	0 13	13 47	1 28	7 24	0 5	2 19	0 47	19 20	0 36	20 51	1 24	8 11	0 33	17 53	1 44	16 51	15 22	23 29	23 28	18 55	2 19	3 51
S 5	7 4	23 58	0n50	13 15	1 34	7 54	0 9	2 3	0 47	19 22	0 36	20 52	1 24	8 12	0 33	17 53	1 44	16 50	15 22	23 29	23 28	18 54	2 18	3 51
S 6	6 42	23 35	1 51	12 40	1 39	8 24	0 12	1 47	0 46	19 24	0 36	20 52	1 23	8 14	0 33	17 53	1 44	16 49	15 22	23 29	23 28	18 52	2 17	3 51
M 7	6 20	22 9	2 47	12 4	1 42	8 54	0 16	1 32	0 46	19 25	0 36	20 53	1 23	8 15	0 33	17 53	1 44	16 48	15 22	23 29	23 28	18 51	2 16	3 51
T 8	5 57	19 44	3 35	11 26	1 45	9 24	0 19	1 16	0 45	19 27	0 36	20 53	1 23	8 16	0 33	17 53	1 44	16 48	15 22	23 29	23 28	18 49	2 15	3 51
W 9	5 34	16 30	4 13	10 46	1 47	9 53	0 23	1 0	0 45	19 29	0 35	20 54	1 23	8 17	0 33	17 53	1 44	16 47	15 22	23 29	23 28	18 48	2 14	3 51
T 10	5 12	12 35	4 41	10 4	1 48	10 22	0 27	0 44	0 44	19 31	0 35	20 54	1 23	8 18	0 33	17 52	1 44	16 46	15 22	23 28	23 28	18 46	2 13	3 51
F 11	4 49	8 9	4 51	9 22	1 49	10 52	0 30	0 28	0 44	19 33	0 35	20 55	1 22	8 20	0 33	17 52	1 44	16 45	15 22	23 28	23 28	18 44	2 12	3 51
S 12	4 26	3 21	4 59	8 38	1 49	11 20	0 34	0 12	0 44	19 35	0 35	20 55	1 22	8 21	0 33	17 52	1 45	16 44	15 22	23 28	23 28	18 43	2 11	3 51
S 13	4 3	1s37	4 48	7 54	1 48	11 49	0 38	0s 4	0 43	19 37	0 35	20 56	1 22	8 22	0 33	17 52	1 45	16 43	15 22	23 28	23 28	18 41	2 9	3 51
M14	3 40	6 36	4 23	7 8	1 46	12 17	0 41	0 20	0 43	19 38	0 35	20 56	1 22	8 23	0 33	17 52	1 45	16 42	15 22	23 28	23 28	18 39	2 8	3 51
T 15	3 17	11 24	3 44	6 22	1 44	12 46	0 45	0 36	0 42	19 40	0 34	20 57	1 22	8 25	0 33	17 52	1 45	16 41	15 22	23 28	23 28	18 38	2 7	3 51
W16	2 54	15 47	2 54	5 36	1 41	13 14	0 49	0 52	0 42	19 42	0 34	20 57	1 21	8 26	0 33	17 52	1 45	16 41	15 22	23 28	23 28	18 36	2 6	3 51
T 17	2 30	19 31	1 54	4 49	1 38	13 41	0 53	1 8	0 41	19 44	0 34	20 58	1 21	8 27	0 33	17 51	1 45	16 40	15 22	23 28	23 28	18 34	2 5	3 51
F 18	2 7	22 18	0 46	4 2	1 34	14 8	0 56	1 24	0 41	19 46	0 34	20 59	1 21	8 28	0 33	17 51	1 45	16 39	15 22	23 28	23 28	18 33	2 4	3 51
S 19	1 44	23 52	0s26	3 15	1 30	14 35	1 0	1 40	0 40	19 48	0 34	20 59	1 21	8 30	0 33	17 51	1 45	16 38	15 22	23 28	23 28	18 31	2 2	3 51
S 20	1 20	23 59	1 38	2 27	1 26	15 2	1 4	1 56	0 40	19 50	0 33	21 0	1 21	8 31	0 33	17 51	1 45	16 37	15 22	23 28	23 28	18 30	2 1	3 50
M21	0 57	22 31	2 46	1 40	1 21	15 28	1 8	2 12	0 39	19 52	0 33	21 0	1 20	8 32	0 33	17 51	1 45	16 36	15 22	23 28	23 28	18 28	2 0	3 50
T 22	0 34	19 32	3 44	0 53	1 16	15 54	1 12	2 28	0 39	19 54	0 33	21 1	1 20	8 34	0 33	17 50	1 45	16 36	15 22	23 28	23 28	18 26	1 59	3 50
W23	0 10	15 14	4 28	0 5	1 11	16 20	1 15	2 44	0 38	19 56	0 33	21 2	1 20	8 35	0 33	17 50	1 45	16 35	15 23	23 28	23 27	18 25	1 58	3 50
T 24	0s13	9 56	4 54	0s41	1 5	16 45	1 19	3 0	0 38	19 59	0 33	21 2	1 20	8 36	0 33	17 50	1 45	16 34	15 23	23 28	23 27	18 23	1 57	3 50
F 25	0 37	4 5	5 0	1 28	0 59	17 10	1 23	3 16	0 37	20 1	0 33	21 3	1 20	8 38	0 33	17 50	1 45	16 33	15 23	23 27	23 27	18 21	1 55	3 50
S 26	1 0	1n56	4 45	2 15	0 53	17 35	1 27	3 32	0 37	20 3	0 32	21 4	1 20	8 39	0 33	17 50	1 45	16 32	15 23	23 27	23 27	18 19	1 54	3 50
S 27	1 24	7 43	4 12	3 1	0 47	17 59	1 31	3 48	0 36	20 5	0 32	21 4	1 19	8 40	0 33	17 49	1 45	16 32	15 23	23 27	23 27	18 18	1 53	3 50
M28	1 47	12 56	3 25	3 46	0 41	18																		

SWISS EPHEMERIS for the year 1722

OCTOBER 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 37 29	7♁26'17	23♁41	16♁ 6	20♁.14	13♁40	2♁744	13♁711	23♁51	27°R 0	24♁ 0	27°D 6	27♁24	21♁56	25°R43
F 2	0 41 26	8°25'27	6♁ 0	17°44	21°23	14°19	2°55	13°15	23°54	26♁59	24° 2	27°R 6	27°20	22° 3	25°R40
S 3	0 45 22	9°24'38	18° 3	19°21	22°32	14°59	3° 5	13°19	23°58	26°58	24° 4	27°II 6	27°17	22°10	25°37
S 4	0 49 19	10°23'52	29°57	20°58	23°41	15°39	3°15	13°24	24° 2	26°57	24° 6	27° 4	27°14	22°16	25°35
M 5	0 53 15	11°23'08	11♁47	22°34	24°50	16°19	3°26	13°28	24° 5	26°56	24° 9	27° 0	27°11	22°23	25°32
T 6	0 57 12	12°22'27	23°37	24° 9	25°58	16°59	3°37	13°32	24° 9	26°54	24°11	26°54	27° 8	22°30	25°29
W 7	1 1 8	13°21'47	5♁30	25°43	27° 7	17°39	3°47	13°37	24°13	26°53	24°13	26°44	27° 4	22°36	25°27
T 8	1 5 5	14°21'10	17°32	27°17	28°15	18°19	3°58	13°42	24°17	26°52	24°15	26°33	27° 1	22°43	25°24
F 9	1 9 2	15°20'35	29°42	28°50	29°24	18°59	4° 9	13°46	24°20	26°51	24°17	26°20	26°58	22°50	25°21
S 10	1 12 58	16°20'02	12♁ 3	0♁.22	0♁.32	19°39	4°20	13°51	24°24	26°50	24°19	26° 7	26°55	22°57	25°19
S 11	1 16 55	17°19'31	24°35	1°54	1°40	20°19	4°31	13°56	24°28	26°49	24°21	25°55	26°52	23° 3	25°16
M12	1 20 51	18°19'03	7♁.18	3°25	2°48	21° 0	4°42	14° 1	24°32	26°47	24°23	25°45	26°49	23°10	25°14
T 13	1 24 48	19°18'36	20°12	4°55	3°56	21°40	4°54	14° 6	24°35	26°46	24°26	25°37	26°45	23°17	25°11
W14	1 28 44	20°18'11	3♁.17	6°25	5° 4	22°20	5° 5	14°11	24°39	26°45	24°28	25°32	26°42	23°23	25° 9
T 15	1 32 41	21°17'48	16°34	7°54	6°11	23° 0	5°16	14°16	24°43	26°44	24°30	25°30	26°39	23°30	25° 6
F 16	1 36 37	22°17'27	0♁ 2	9°22	7°19	23°41	5°28	14°21	24°47	26°42	24°32	25°D30	26°36	23°37	25° 4
S 17	1 40 34	23°17'08	13°44	10°49	8°26	24°21	5°39	14°26	24°50	26°41	24°34	25°30	26°33	23°43	25° 1
S 18	1 44 31	24°16'50	27°39	12°16	9°34	25° 2	5°51	14°32	24°54	26°40	24°36	25°R31	26°30	23°50	24°59
M19	1 48 27	25°16'34	11♁.48	13°42	10°41	25°42	6° 3	14°37	24°58	26°38	24°38	25°29	26°26	23°57	24°57
T 20	1 52 24	26°16'20	26°10	15° 7	11°47	26°23	6°15	14°42	25° 2	26°37	24°40	25°26	26°23	24° 4	24°54
W21	1 56 20	27°16'07	10♁.42	16°32	12°54	27° 3	6°26	14°48	25° 5	26°35	24°42	25°20	26°20	24°10	24°52
T 22	2 0 17	28°15'56	25°19	17°55	14° 1	27°44	6°38	14°53	25° 9	26°34	24°44	25°12	26°17	24°17	24°50
F 23	2 4 13	29°15'47	9♁.55	19°18	15° 7	28°25	6°50	14°59	25°13	26°33	24°46	25° 3	26°14	24°24	24°48
S 24	2 8 10	0♁.15'39	24°21	20°40	16°13	29° 5	7° 2	15° 5	25°17	26°31	24°48	24°54	26°10	24°30	24°46
S 25	2 12 6	1°15'34	8♁.33	22° 1	17°19	29°46	7°15	15°10	25°21	26°30	24°49	24°46	26° 7	24°37	24°43
M26	2 16 3	2°15'30	22°24	23°21	18°25	0♁.27	7°27	15°16	25°24	26°28	24°51	24°40	26° 4	24°44	24°41
T 27	2 20 0	3°15'29	5♁.51	24°39	19°31	1° 8	7°39	15°22	25°28	26°27	24°53	24°36	26° 1	24°50	24°39
W28	2 23 56	4°15'30	18°54	25°57	20°36	1°49	7°51	15°28	25°32	26°25	24°55	24°D34	25°58	24°57	24°37
T 29	2 27 53	5°15'33	1♁.35	27°13	21°41	2°29	8° 4	15°34	25°35	26°23	24°57	24°34	25°55	25° 4	24°35
F 30	2 31 49	6°15'38	13°56	28°28	22°46	3°10	8°16	15°40	25°39	26°22	24°59	24°35	25°51	25°11	24°33
S 31	2 35 46	7♁.15'45	26♁ 2	29♁.41	23♁.51	3♁.51	8♁.29	15♁.46	25♁.43	26♁.20	25♁ 0	24♁.37	25♁.48	25♁.17	24♁.32

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	2s57	23n 1	0s18	6s 1	0n21	19s31	1s45	4s52	0n34	20s13	0n32	21s 7	1n19	8s46	0n33	17n48	1s45	16n29	15n24	23n27	23n27	18n11	1n48	3n49
F 2	3 21 24	7 0n47	6 45	0 14	19 53	1 49	5 8	0 34	20 15	0 31	21 8	1 18	8 47	0 33	17 48	1 46	16 28	15 24	23 27	23 27	18 9	1 47	3 49	
S 3	3 44 24	3 1 49	7 28	0 7	20 15	1 53	5 24	0 33	20 18	0 31	21 8	1 18	8 48	0 33	17 48	1 46	16 27	15 24	23 27	23 27	18 7	1 46	3 49	
S 4	4 7 22	52 2 45	8 11	0 0	20 36	1 56	5 40	0 33	20 20	0 31	21 9	1 18	8 50	0 33	17 47	1 46	16 26	15 24	23 27	23 27	18 6	1 45	3 49	
M 5	4 31 20	42 3 33	8 54	0s 7	20 56	2 0	5 56	0 32	20 22	0 31	21 10	1 18	8 51	0 33	17 47	1 46	16 26	15 24	23 26	23 27	18 4	1 43	3 49	
T 6	4 54 17	38 4 13	9 35	0 13	21 17	2 3	6 12	0 32	20 24	0 31	21 10	1 18	8 53	0 33	17 47	1 46	16 25	15 24	23 26	23 27	18 2	1 42	3 49	
W 7	5 17 13	52 4 41	10 16	0 20	21 36	2 7	6 27	0 31	20 26	0 31	21 11	1 18	8 54	0 33	17 47	1 46	16 24	15 25	23 26	23 27	18 0	1 41	3 49	
T 8	5 40 9	30 4 58	10 57	0 27	21 55	2 10	6 43	0 31	20 28	0 31	21 12	1 17	8 55	0 33	17 46	1 46	16 24	15 25	23 26	23 27	17 59	1 40	3 48	
F 9	6 3 4 43	5 1 11	37 0 34	22 14	2 14	6 59	0 30	20 31	0 30	21 13	1 17	8 57	0 33	17 46	1 46	16 23	15 25	23 25	23 26	17 57	1 39	3 48		
S 10	6 26 0s19	4 50	12 16	0 41	22 32	2 17	7 14	0 30	20 33	0 30	21 13	1 17	8 58	0 33	17 46	1 46	16 22	15 25	23 25	23 26	17 55	1 37	3 48	
S 11	6 49 5 26	4 25	12 54	0 48	22 49	2 20	7 30	0 30	20 35	0 30	21 14	1 17	8 59	0 33	17 45	1 46	16 22	15 26	23 25	23 26	17 53	1 36	3 48	
M12	7 12 10 24	3 47	13 32	0 55	23 6	2 24	7 46	0 29	20 37	0 30	21 15	1 17	9 1	0 33	17 45	1 46	16 21	15 26	23 24	23 26	17 52	1 35	3 48	
T 13	7 34 15 0	2 56	14 9	1 2	23 22	2 27	8 1	0 28	20 39	0 30	21 16	1 17	9 2	0 33	17 45	1 46	16 21	15 26	23 24	23 26	17 50	1 34	3 48	
W14	7 57 18 58	1 55	14 46	1 9	23 38	2 30	8 17	0 28	20 42	0 30	21 16	1 16	9 4	0 33	17 44	1 46	16 20	15 26	23 24	23 26	17 48	1 33	3 48	
T 15	8 19 22 1	0 47	15 21	1 15	23 53	2 33	8 32	0 27	20 44	0 29	21 17	1 16	9 5	0 33	17 44	1 46	16 19	15 27	23 24	23 26	17 46	1 32	3 47	
F 16	8 41 23 53	0s24	15 56	1 22	24 8	2 36	8 48	0 27	20 46	0 29	21 18	1 16	9 6	0 33	17 44	1 46	16 19	15 27	23 24	23 26	17 45	1 31	3 47	
S 17	9 4 24 21	1 36	16 30	1 28	24 22	2 39	9 3	0 26	20 48	0 29	21 19	1 16	9 8	0 33	17 43	1 46	16 18	15 27	23 24	23 26	17 43	1 30	3 47	
S 18	9 26 23 19	2 43	17 3	1 35	24 35	2 42	9 18	0 26	20 50	0 29	21 19	1 16	9 9	0 33	17 43	1 46	16 18	15 27	23 24	23 26	17 41	1 28	3 47	
M19	9 48 20 49	3 41	17 35	1 41	24 48	2 45	9 34	0 25	20 52	0 29	21 20	1 16	9 11	0 33	17 43	1 46	16 17	15 28	23 24	23 26	17 39	1 27	3 47	
T 20	10 9 16 59	4 26	18 6	1 47	25 0	2 47	9 49	0 24	20 55	0 29	21 21	1 15	9 12	0 32	17 42	1 46	16 17	15 28	23 24	23 26	17 37	1 26	3 46	
W21	10 31 12 6	4 55	18 36	1 53	25 11	2 50	10 4	0 24	20 57	0 29	21 22	1 15	9 13	0 32	17 42	1 46	16 16	15 28	23 24	23 25	17 35	1 25	3 46	
T 22	10 52 6 31	5 5	19 5	1 58	25 22	2 53	10 19	0 23	20 59	0 29	21 22	1 15	9 15	0 32	17 42	1 46	16 16	15 29	23 23	23 25	17 34	1 24	3 46	
F 23	11 14 0 35	4 55	19 34	2 4	25 33	2 55	10 34	0 23	21 1	0 28	21 23	1 15	9 16	0 32	17 41	1 46	16 15	15 29	23 23	23 25	17 32	1 23	3 46	
S 24	11 35 5n20	4 26	20 1	2 9	25 42	2 57	10 49	0 22	21 3	0 28	21 24	1 15	9 17	0 32	17 41	1 46	16 15	15 29	23 23	23 25	17 30	1 22	3 46	
S 25	11 56 10 53	3 41	20 27	2 14	25 51	3 0	11 4	0 22	21 5	0 28	21 25	1 15	9 19	0 32	17 41	1 46	16 14	15 30	23 22	23 25	17 28	1 21	3 45	
M26	12 17 15 45	2 44	20 53	2 19	25 59	3 2	11 19	0 21	21 8	0 28	21 25	1 15	9 20	0 32	17 40	1 46	16 14	15 30	23 22	23 25	17 26	1 20	3 45	
T 27	12 37 19 41	1 39	21 17	2 23	26 7	3 4	11 34	0 21	21 10	0 28	21 26	1 14	9 22	0 32	17 40	1 46	16 13	15 30	23 22	23 25	17 24	1 19	3 45	
W28	12 58 22 30	0 31	21 39	2 27	26 14	3 6	11 48	0 20	21 12	0 28	21 27	1 14	9 23	0 32	17 39	1 46	16 13	15 31	23 22	23 25	17 23	1 18	3 45	
T 29	13 18 24 6	0n38																						

SWISS EPHEMERIS for the year 1722

NOVEMBER 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	2 39 42	8♎15°54	7♏58	0♁52	24♂56	4♎32	8♁41	15♂52	25♎47	26°R19	25♎2	24°R37	25♎45	25♎24	25°R24	24°R30							
M 2	2 43 39	9°16'05	19°49	2° 1	26° 0	5°14	8°54	15°58	25°50	26♁17	25° 4	24♎37	25°42	25°31	24♁28								
T 3	2 47 35	10°16'18	13°40	3° 8	27° 4	5°55	9° 6	16° 4	25°54	26°16	25° 6	24°34	25°39	25°37	24°26								
W 4	2 51 32	11°16'33	13°37	4°13	28° 8	6°36	9°19	16°10	25°58	26°14	25° 7	24°30	25°35	25°44	24°24								
T 5	2 55 29	12°16'51	25°42	5°14	29°12	7°17	9°32	16°16	26° 1	26°12	25° 9	24°23	25°32	25°51	24°23								
F 6	2 59 25	13°17'10	7♁59	6°13	0♁15	7°58	9°45	16°22	26° 5	26°11	25°11	24°16	25°29	25°58	24°21								
S 7	3 3 22	14°17'31	20°31	7° 8	1°18	8°40	9°58	16°29	26° 9	26° 9	25°12	24° 9	25°26	26° 4	24°20								
S 8	3 7 18	15°17'54	3♎18	7°59	2°21	9°21	10°10	16°35	26°12	26° 7	25°14	24° 1	25°23	26°11	24°18								
M 9	3 11 15	16°18'19	16°20	8°46	3°23	10° 3	10°23	16°42	26°16	26° 6	25°16	23°56	25°20	26°18	24°17								
T 10	3 15 11	17°18'45	29°36	9°27	4°25	10°44	10°36	16°48	26°20	26° 4	25°17	23°51	25°16	26°24	24°15								
W 11	3 19 8	18°19'13	13♁ 5	10° 3	5°27	11°25	10°49	16°54	26°23	26° 2	25°19	23°49	25°13	26°31	24°14								
T 12	3 23 4	19°19'43	26°46	10°33	6°28	12° 7	11° 2	17° 1	26°27	26° 1	25°20	23°D49	25°10	26°38	24°12								
F 13	3 27 1	20°20'14	10♁35	10°56	7°29	12°49	11°16	17° 8	26°30	25°59	25°22	23°49	25° 7	26°44	24°11								
S 14	3 30 58	21°20'46	24°32	11°11	8°30	13°30	11°29	17°14	26°34	25°57	25°23	23°51	25° 4	26°51	24°10								
S 15	3 34 54	22°21'20	8♁35	11°R17	9°31	14°12	11°42	17°21	26°37	25°56	25°25	23°52	25° 1	26°58	24° 9								
M 16	3 38 51	23°21'54	22°43	11°15	10°31	14°54	11°55	17°27	26°41	25°54	25°26	23°R53	24°57	27° 5	24° 8								
T 17	3 42 47	24°22'30	6♁54	11° 2	11°30	15°35	12° 8	17°34	26°44	25°52	25°27	23°52	24°54	27°11	24° 7								
W 18	3 46 44	25°23'07	21° 7	10°39	12°29	16°17	12°22	17°41	26°48	25°50	25°29	23°50	24°51	27°18	24° 6								
T 19	3 50 40	26°23'45	5♁18	10° 6	13°28	16°59	12°35	17°47	26°51	25°49	25°30	23°47	24°48	27°25	24° 5								
F 20	3 54 37	27°24'25	19°24	9°22	14°26	17°41	12°48	17°54	26°54	25°47	25°31	23°43	24°45	27°31	24° 4								
S 21	3 58 33	28°25'05	3♁21	8°27	15°24	18°23	13° 2	18° 1	26°58	25°45	25°33	23°39	24°41	27°38	24° 3								
S 22	4 2 30	29°25'47	17° 7	7°23	16°21	19° 5	13°15	18° 8	27° 1	25°44	25°34	23°36	24°38	27°45	24° 2								
M 23	4 6 27	0♁26'30	0♎37	6°11	17°18	19°47	13°28	18°15	27° 5	25°42	25°35	23°33	24°35	27°52	24° 1								
T 24	4 10 23	1°27'15	13°49	4°54	18°14	20°29	13°42	18°21	27° 8	25°40	25°36	23°32	24°32	27°58	24° 1								
W 25	4 14 20	2°28'01	26°44	3°32	19° 9	21°11	13°55	18°28	27°11	25°39	25°37	23°D31	24°29	28° 5	24° 0								
T 26	4 18 16	3°28'48	9♁20	2° 9	20° 4	21°53	14° 9	18°35	27°14	25°37	25°38	23°32	24°26	28°12	24° 0								
F 27	4 22 13	4°29'37	21°40	0°49	20°59	22°35	14°22	18°42	27°18	25°35	25°39	23°34	24°22	28°18	23°59								
S 28	4 26 9	5°30'27	3♎47	29♎32	21°52	23°18	14°36	18°49	27°21	25°34	25°41	23°35	24°19	28°25	23°59								
S 29	4 30 6	6°31'18	15°45	28°23	22°46	24° 0	14°49	18°56	27°24	25°32	25°42	23°37	24°16	28°32	23°58								
M 30	4 34 2	7°32'11	27♎37	27♎23	23♁38	24♎42	15♁ 3	19♁ 3	27♁27	25♁30	25♎43	23♎38	24♎13	28♎39	23♁58								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	14s17	21n43	3n33	22s58	2s40	26s35	3s13	12s46	0n18	21s20	0n27	21s30	1n14	9s28	0n32	17n38	1s46	16n11	15n32	23n22	23n24	17n15	1n14	3n44
M 2	14 36	18 55	4 14	23 15	2 42	26 39	3 14	13 1	0 17	21 22	0 27	21 31	1 14	9 30	0 32	17 38	1 46	16 11	15 32	23 22	23 24	17 13	1 13	3 44
T 3	14 55	15 19	4 45	23 30	2 44	26 42	3 16	13 15	0 17	21 24	0 27	21 32	1 14	9 31	0 32	17 37	1 46	16 11	15 33	23 22	23 24	17 11	1 12	3 44
W 4	15 14	11 7	5 3	23 43	2 45	26 45	3 17	13 29	0 16	21 26	0 27	21 32	1 13	9 32	0 32	17 37	1 46	16 10	15 33	23 22	23 24	17 10	1 11	3 43
T 5	15 33	6 26	5 9	23 55	2 45	26 46	3 18	13 43	0 16	21 28	0 27	21 33	1 13	9 34	0 32	17 36	1 46	16 10	15 34	23 21	23 24	17 8	1 11	3 43
F 6	15 51	1 26	5 0	24 5	2 45	26 47	3 19	13 57	0 15	21 30	0 27	21 34	1 13	9 35	0 32	17 36	1 46	16 10	15 34	23 21	23 24	17 6	1 10	3 43
S 7	16 9	3s44	4 37	24 14	2 44	26 48	3 20	14 11	0 15	21 32	0 27	21 35	1 13	9 36	0 32	17 36	1 46	16 10	15 34	23 21	23 24	17 4	1 9	3 43
S 8	16 27	8 52	4 0	24 21	2 42	26 48	3 20	14 25	0 14	21 34	0 26	21 35	1 13	9 38	0 32	17 35	1 46	16 9	15 35	23 20	23 24	17 2	1 8	3 42
M 9	16 44	13 43	3 10	24 26	2 40	26 47	3 21	14 38	0 13	21 36	0 26	21 36	1 13	9 39	0 32	17 35	1 46	16 9	15 35	23 20	23 24	17 0	1 7	3 42
T 10	17 2 18	1 2	8 24	29	2 36	26 45	3 21	14 52	0 13	21 38	0 26	21 37	1 13	9 40	0 32	17 34	1 47	16 9	15 36	23 20	23 23	16 58	1 7	3 42
W 11	17 19	21 27	0 58	24 29	2 32	26 43	3 21	15 5	0 12	21 40	0 26	21 38	1 13	9 42	0 32	17 34	1 47	16 9	15 36	23 20	23 23	16 56	1 6	3 42
T 12	17 35	23 42	0s16	24 28	2 26	26 40	3 21	15 19	0 12	21 42	0 26	21 38	1 12	9 43	0 32	17 34	1 47	16 8	15 37	23 20	23 23	16 54	1 5	3 41
F 13	17 51	24 33	1 30	24 24	2 19	26 37	3 21	15 32	0 11	21 44	0 26	21 39	1 12	9 44	0 32	17 33	1 47	16 8	15 37	23 20	23 23	16 52	1 4	3 41
S 14	18 8	23 52	2 40	24 18	2 10	26 33	3 21	15 45	0 11	21 46	0 26	21 40	1 12	9 45	0 32	17 33	1 47	16 8	15 37	23 20	23 23	16 50	1 4	3 41
S 15	18 23	21 41	3 41	24 10	2 1	26 28	3 21	15 58	0 10	21 48	0 26	21 41	1 12	9 47	0 33	17 32	1 47	16 8	15 38	23 20	23 23	16 48	1 3	3 41
M 16	18 39	18 11	4 28	23 58	1 50	26 23	3 20	16 11	0 9	21 50	0 26	21 41	1 12	9 48	0 33	17 32	1 47	16 8	15 38	23 20	23 23	16 46	1 2	3 40
T 17	18 54	13 37	5 0	23 44	1 37	26 17	3 19	16 24	0 9	21 52	0 25	21 42	1 12	9 49	0 33	17 32	1 47	16 8	15 39	23 20	23 23	16 45	1 2	3 40
W 18	19 8	8 19	5 13	23 26	1 22	26 11	3 18	16 36	0 8	21 54	0 25	21 43	1 12	9 50	0 33	17 31	1 47	16 8	15 39	23 20	23 23	16 43	1 1	3 40
T 19	19 23	2 35	5 7	23 6	1 7	26 4	3 17	16 49	0 8	21 55	0 25	21 43	1 12	9 52	0 33	17 31	1 47	16 8	15 40	23 20	23 22	16 41	1 0	3 40
F 20	19 37	3n15	4 42	22 42	0 49	25 56	3 16	17 1	0 7	21 57	0 25	21 44	1 12	9 53	0 33	17 30	1 47	16 7	15 40	23 20	23 22	16 39	1 0	3 39
S 21	19 50	8 52	4 1	22 15	0 31	25 48	3 14	17 13	0 6	21 59	0 25	21 45	1 12	9 54	0 33	17 30	1 46	16 7	15 41	23 19	23 22	16 37	0 59	3 39
S 22	20 4 13	59	3 7	21 46	0 11	25 40	3 13	17 25	0 6	22 1	0 25	21 46	1 11	9 55	0 33	17 30	1 46	16 7	15 41	23 19	23 22	16 35	0 59	3 39
M 23	20 16	18 18	2 3	21 13	0n 9	25 31	3 11	17 37	0 5	22 2	0 25	21 46	1 11	9 56	0 33	17 29	1 46	16 7	15 42	23 19	23 22	16 33	0 58	3 39
T 24	20 29	21 37	0 53	20 39	0 30	25 21	3 9	17 49	0 5	22 4	0 25	21 47	1 11	9 58	0 33	17 29	1 46	16 7	15 42	23 19	23 22	16 31	0 58	3 38
W 25	20 41	23 44	0n18	20 4	0 50	25 11	3 7	18 1	0 4	22 6	0 25	21 48	1 11	9 59	0 33	17 29	1 46	16 7	15 43	23 19	23 22	16 29	0 57	3 38
T 26	20 53	24 35	1 26	19 29	1 10	25 0	3 4	18 13	0 3	22 8	0 24	21 48	1 11	10 0	0 33	17 28	1 46	16 7	15 43	23 19	23 21	16 27	0 57	3 38
F 27	21 4 24	11	2 29	18 55	1 28	24 49	3 1	18 24	0 3	22 9	0 24	21 49	1 11	10 1	0 33	17 28	1 46	16 7	15 44	23 19	23 21	16 25	0 56	3 37
S 28	21 15	22 39	3 24	18 23	1 45	24 38	2 58	18 35	0 2	22 11	0 24	21 50	1 11	10 2										

SWISS EPHEMERIS for the year 1722

DECEMBER 1722

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♁	♂	♄	♃	♅	♁	♂	♄
T 1	4 37 59	8 ^h 33'05"	9 ^m 29	26°R32	24 ^h 30	25 ^m 25	15 ^h 17	19 ^h 10	27 ^h 30	25°R29	25 ^m 44	23°R38	24 ^h 10	28 ^h 45	23°R58		
W 2	4 41 56	9°34'00"	21°25	25 ^m 53	25°21	26° 7	15°30	19°17	27°33	25 ^h 27	25°44	23 ^h 37	24° 7	28°52	23 ^h 57		
T 3	4 45 52	10°34'57"	3 ^h 31	25°25	26°11	26°49	15°44	19°24	27°36	25°25	25°45	23°36	24° 3	28°59	23°57		
F 4	4 49 49	11°35'54"	15°49	25° 9	27° 0	27°32	15°57	19°31	27°39	25°24	25°46	23°35	24° 0	29° 5	23°57		
S 5	4 53 45	12°36'53"	28°25	25°D 3	27°49	28°14	16°11	19°38	27°42	25°22	25°47	23°33	23°57	29°12	23°D57		
S 6	4 57 42	13°37'54"	11 ^m 20	25° 8	28°37	28°57	16°25	19°45	27°45	25°20	25°48	23°32	23°54	29°19	23°57		
M 7	5 1 38	14°38'55"	24°36	25°23	29°24	29°40	16°38	19°52	27°48	25°19	25°49	23°31	23°51	29°25	23°57		
T 8	5 5 35	15°39'57"	8 ^h 11	25°46	0 ^h 11	0 ^h 22	16°52	19°59	27°51	25°17	25°49	23°30	23°47	29°32	23°57		
W 9	5 9 31	16°41'00"	22° 5	26°17	0°55	1° 5	17° 6	20° 6	27°54	25°16	25°50	23°D30	23°44	29°39	23°57		
T 10	5 13 28	17°42'04"	6 ^h 13	26°55	1°38	1°48	17°19	20°13	27°56	25°14	25°51	23°30	23°41	29°46	23°58		
F 11	5 17 25	18°43'09"	20°32	27°40	2°21	2°31	17°33	20°20	27°59	25°13	25°51	23°30	23°38	29°52	23°58		
S 12	5 21 21	19°44'14"	4 ^h 56	28°30	3° 3	3°14	17°47	20°27	28° 2	25°11	25°52	23°31	23°35	29°59	23°58		
S 13	5 25 18	20°45'20"	19°21	29°25	3°44	3°57	18° 0	20°35	28° 4	25°10	25°53	23°31	23°32	0 ^h 6	23°59		
M14	5 29 14	21°46'26"	3 ^h 42	0 ^h 24	4°23	4°39	18°14	20°42	28° 7	25° 8	25°53	23°31	23°28	0°12	23°59		
T 15	5 33 11	22°47'32"	17°56	1°28	5° 1	5°22	18°28	20°49	28°10	25° 7	25°54	23°31	23°25	0°19	24° 0		
W16	5 37 7	23°48'38"	2 ^h 1	2°34	5°38	6° 5	18°41	20°56	28°12	25° 5	25°54	23°31	23°22	0°26	24° 0		
T 17	5 41 4	24°49'45"	15°56	3°43	6°14	6°49	18°55	21° 3	28°15	25° 4	25°54	23°31	23°19	0°33	24° 1		
F 18	5 45 0	25°50'51"	29°38	4°55	6°48	7°32	19° 8	21°10	28°17	25° 2	25°55	23°31	23°16	0°39	24° 2		
S 19	5 48 57	26°51'58"	13 ^h 8	6° 9	7°20	8°15	19°22	21°17	28°20	25° 1	25°55	23°32	23°13	0°46	24° 2		
S 20	5 52 54	27°53'06"	26°26	7°25	7°51	8°58	19°36	21°24	28°22	25° 0	25°56	23°32	23° 9	0°53	24° 3		
M21	5 56 50	28°54'13"	9 ^h 30	8°43	8°21	9°41	19°49	21°31	28°24	24°58	25°56	23°33	23° 6	0°59	24° 4		
T 22	6 0 47	29°55'21"	22°21	10° 2	8°49	10°25	20° 3	21°38	28°27	24°57	25°56	23°R33	23° 3	1° 6	24° 5		
W23	6 4 43	0 ^h 56'29"	4 ^h 59	11°23	9°15	11° 8	20°16	21°45	28°29	24°56	25°56	23°33	23° 0	1°13	24° 6		
T 24	6 8 40	1°57'38"	17°24	12°45	9°39	11°51	20°30	21°52	28°31	24°54	25°57	23°32	22°57	1°20	24° 7		
F 25	6 12 36	2°58'46"	29°38	14° 8	10° 1	12°35	20°43	21°59	28°33	24°53	25°57	23°31	22°53	1°26	24° 8		
S 26	6 16 33	3°59'55"	11 ^h 43	15°32	10°22	13°18	20°57	22° 6	28°35	24°52	25°57	23°29	22°50	1°33	24° 9		
S 27	6 20 30	5° 1'05"	23°39	16°56	10°40	14° 2	21°10	22°13	28°37	24°51	25°57	23°28	22°47	1°40	24°10		
M28	6 24 26	6° 2'14"	5 ^h 32	18°22	10°57	14°45	21°24	22°20	28°39	24°49	25°57	23°26	22°44	1°46	24°12		
T 29	6 28 23	7° 3'24"	17°23	19°48	11°11	15°29	21°37	22°27	28°41	24°48	25°R57	23°24	22°41	1°53	24°13		
W30	6 32 19	8° 4'34"	29°18	21°15	11°23	16°12	21°51	22°34	28°43	24°47	25°57	23°24	22°38	2° 0	24°14		
T 31	6 36 16	9 ^h 5'44"	11 ^h 21	22°43	11°33	16°56	22° 4	22°41	28°45	24°46	25°57	23°D23	22 ^h 34	2 ^h 7	24°16		

Day	☉		☽		♀		♁		♂		♄		♃		♅		♁		♂		♄			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
T 1	21s46	12n45	5n 7	17s 5	2n23	24s 1	2s48	19s 8	0n 0	22s16	0n24	21s52	1n11	10s 6	0n33	17n26	1s46	16n 8	15n46	23n19	23n21	16n17	0n55	3n36
W 2	21 55	8 15	5 16	16 48	2 31	23 48	2 44	19 19	0s 0	22 17	0 24	21 52	1 11	10 7	0 33	17 26	1 46	16 8	15 46	23 19	23 21	16 15	0 54	3 36
T 3	22 4	3 22	5 12	16 36	2 38	23 34	2 40	19 29	0 1	22 19	0 24	21 53	1 10	10 8	0 33	17 26	1 46	16 8	15 47	23 19	23 21	16 13	0 54	3 36
F 4	22 13	1s44	4 53	16 36	2 42	23 40	2 36	19 40	0 1	22 20	0 24	21 53	1 10	10 9	0 33	17 25	1 46	16 8	15 48	23 19	23 20	16 11	0 54	3 36
S 5	22 21	6 53	4 20	16 24	2 44	23 6	2 31	19 50	0 2	22 22	0 24	21 54	1 10	10 10	0 33	17 25	1 46	16 8	15 48	23 19	23 20	16 9	0 53	3 35
S 6	22 28	11 53	3 33	16 25	2 45	22 51	2 26	20 0	0 3	22 23	0 24	21 55	1 10	10 11	0 33	17 24	1 46	16 8	15 49	23 19	23 20	16 7	0 53	3 35
M 7	22 35	16 28	2 33	16 29	2 44	22 37	2 21	20 10	0 3	22 25	0 23	21 55	1 10	10 12	0 33	17 24	1 46	16 9	15 49	23 19	23 20	16 5	0 53	3 35
T 8	22 42	20 20	1 24	16 36	2 42	22 21	2 16	20 19	0 4	22 26	0 23	21 56	1 10	10 13	0 33	17 24	1 46	16 9	15 50	23 19	23 20	16 2	0 53	3 35
W 9	22 48	23 6	0 8	16 46	2 39	22 6	2 10	20 29	0 5	22 28	0 23	21 56	1 10	10 14	0 33	17 23	1 46	16 9	15 50	23 19	23 20	16 0	0 53	3 34
T 10	22 54	24 30	1s10	16 59	2 35	21 50	2 4	20 38	0 5	22 29	0 23	21 57	1 10	10 15	0 33	17 23	1 46	16 9	15 51	23 19	23 19	15 58	0 52	3 34
F 11	23 0	24 17	2 24	17 14	2 30	21 35	1 58	20 47	0 6	22 30	0 23	21 58	1 10	10 16	0 33	17 23	1 46	16 10	15 51	23 19	23 19	15 56	0 52	3 34
S 12	23 5	22 28	3 30	17 30	2 25	21 19	1 51	20 56	0 6	22 32	0 23	21 58	1 10	10 17	0 33	17 22	1 46	16 10	15 52	23 19	23 19	15 54	0 52	3 33
S 13	23 9	19 12	4 23	17 48	2 19	21 2	1 44	21 5	0 7	22 33	0 23	21 59	1 10	10 18	0 33	17 22	1 46	16 10	15 52	23 19	23 19	15 52	0 52	3 33
M14	23 13	14 48	4 59	18 7	2 12	20 46	1 37	21 14	0 8	22 34	0 23	21 59	1 10	10 19	0 33	17 22	1 46	16 10	15 53	23 19	23 19	15 50	0 52	3 33
T 15	23 17	9 37	5 16	18 27	2 5	20 29	1 30	21 22	0 8	22 36	0 23	22 0	1 10	10 19	0 33	17 21	1 46	16 11	15 54	23 19	23 19	15 48	0 52	3 33
W16	23 20	3 59	5 14	18 47	1 58	20 13	1 22	21 30	0 9	22 37	0 23	22 0	1 10	10 20	0 33	17 21	1 46	16 11	15 54	23 19	23 19	15 46	0 52	3 32
T 17	23 22	1n46	4 53	19 7	1 50	19 56	1 14	21 38	0 10	22 38	0 23	22 1	1 10	10 21	0 33	17 21	1 46	16 11	15 55	23 19	23 18	15 44	0 52	3 32
F 18	23 25	7 21	4 17	19 28	1 43	19 39	1 5	21 46	0 10	22 39	0 23	22 1	1 10	10 22	0 33	17 20	1 46	16 12	15 55	23 19	23 18	15 42	0 52	3 32
S 19	23 26	12 32	3 26	19 49	1 35	19 23	0 57	21 54	0 11	22 41	0 22	22 2	1 9	10 23	0 33	17 20	1 46	16 12	15 56	23 19	23 18	15 40	0 52	3 32
S 20	23 28	17 2	2 25	20 9	1 27	19 6	0 47	22 1	0 11	22 42	0 22	22 2	1 9	10 24	0 33	17 20	1 46	16 12	15 56	23 19	23 18	15 38	0 52	3 31
M21	23 28	20 38	1 17	20 29	1 19	18 49	0 38	22 8	0 12	22 43	0 22	22 3	1 9	10 25	0 33	17 20	1 46	16 13	15 57	23 19	23 18	15 35	0 52	3 31
T 22	23 29	23 9	0 7	20 49	1 11	18 32	0 28	22 15	0 13	22 44	0 22	22 3	1 9	10 25	0 33	17 19	1 46	16 13	15 58	23 19	23 18	15 33	0 52	3 31
W23	23 28	24 26	1n 3	21 8	1 3	18 15	0 18	22 22	0 13	22 45	0 22	22 4	1 9	10 26	0 33	17 19	1 46	16 14	15 58	23 19	23 17	15 31	0 52	3 30
T 24	23 28	24 28	2 8	21 27	0 55	17 59	0 7	22 29	0 14	22 46	0 22	22 4	1 9	10 27	0 33	17 19	1 46	16 14	15 59	23 19	23 17	15 29	0 53	3 30
F 25	23 27	23 18	3 7	21 45	0 47	17 42	0n 4	22 35	0 15	22 47	0 22	22 5	1 9	10 28	0 33	17 19	1 46	16 15	15 59	23 19	23 17	15 27	0 53	3 30
S 26	23 25	21 5	3 56	22 3	0 39	17 26	0 15	22 41	0 15	22 48	0 22	22 5	1 9	10 28	0 33	17 18	1 46	16 15	16 0	23 19	23 17	15 25	0 53	3 30
S 27	23 23	17 58	4 35	22 19	0 31	17 10	0 27	22 47	0 16	22 49	0 22	22 6	1 9	10 29	0 33	17 18								