

SWISS EPHEMERIS for the year 1782

JANUARY 1782

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	6 43 1	10°38'26	25°47	23°7	27°48	26°5	15°23	24°25	0°R27	8°2	5°38	21°R51	21°Y22	3°2	5°R55
W 2	6 46 57	11°49'35	9°2	24°36	28°52	26°47	15°36	24°32	0°25	8°2	5°40	21°Y39	21°19	3°8	5°R54
T 3	6 50 54	12°50'44	22°27	26°3	29°55	27°28	15°49	24°39	0°22	8°3	5°41	21°29	21°15	3°15	5°53
F 4	6 54 51	13°51'53	6°13	27°31	0°X58	28°9	16°1	24°46	0°20	8°3	5°43	21°21	21°12	3°22	5°53
S 5	6 58 47	14°53'02	19°46	28°59	2°0	28°51	16°14	24°53	0°17	8°3	5°45	21°17	21°9	3°28	5°52
S 6	7 2 44	15°54'12	3°37	0°Z28	3°2	29°32	16°27	24°59	0°15	8°3	5°47	21°15	21°6	3°35	5°51
M 7	7 6 40	16°55'21	17°35	1°58	4°4	0°Y13	16°39	25°6	0°12	8°3	5°48	21°15	21°3	3°42	5°51
T 8	7 10 37	17°56'30	1°41	3°28	5°6	0°55	16°52	25°13	0°10	8°3	5°50	21°15	21°0	3°48	5°50
W 9	7 14 33	18°57'39	15°53	4°59	6°7	1°36	17°5	25°20	0°7	8°R3	5°52	21°13	20°56	3°55	5°50
T 10	7 18 30	19°58'49	0°10	6°30	7°7	2°18	17°17	25°26	0°5	8°3	5°54	21°9	20°53	4°2	5°50
F 11	7 22 27	20°59'58	14°29	8°1	8°8	2°59	17°29	25°33	0°3	8°3	5°56	21°3	20°50	4°8	5°49
S 12	7 26 23	22°1'07	28°45	9°33	9°7	3°40	17°42	25°40	0°0	8°3	5°57	20°53	20°47	4°15	5°49
S 13	7 30 20	23°2'15	12°35	11°6	10°7	4°22	17°54	25°46	29°II58	8°3	5°59	20°41	20°44	4°22	5°49
M14	7 34 16	24°3'23	26°50	12°39	11°5	5°3	18°6	25°53	29°56	8°3	6°1	20°28	20°41	4°28	5°49
T 15	7 38 13	25°4'31	10°28	14°13	12°4	5°44	18°19	25°59	29°53	8°2	6°3	20°15	20°37	4°35	5°D49
W16	7 42 9	26°5'38	23°45	15°47	13°1	6°26	18°31	26°6	29°51	8°2	6°5	20°3	20°34	4°42	5°49
T 17	7 46 6	27°6'43	6°40	17°22	13°59	7°7	18°43	26°12	29°49	8°2	6°7	19°54	20°31	4°48	5°49
F 18	7 50 2	28°7'48	19°13	18°57	14°55	7°49	18°55	26°18	29°47	8°2	6°9	19°48	20°28	4°55	5°49
S 19	7 53 59	29°8'52	1°Y29	20°33	15°52	8°30	19°7	26°25	29°45	8°1	6°10	19°45	20°25	5°2	5°50
S 20	7 57 56	0°X9'56	13°30	22°9	16°47	9°11	19°18	26°31	29°42	8°1	6°12	19°44	20°21	5°8	5°50
M21	8 1 52	1°10'58	25°21	23°46	17°42	9°53	19°30	26°37	29°40	8°1	6°14	19°44	20°18	5°15	5°50
T 22	8 5 49	2°11'59	7°8	25°24	18°36	10°34	19°42	26°44	29°38	8°0	6°16	19°44	20°15	5°21	5°51
W23	8 9 45	3°12'59	18°58	27°2	19°30	11°16	19°54	26°50	29°36	8°0	6°18	19°43	20°12	5°28	5°51
T 24	8 13 42	4°13'57	0°II55	28°41	20°22	11°57	20°5	26°56	29°34	7°59	6°20	19°39	20°9	5°35	5°52
F 25	8 17 38	5°14'55	13°4	0°Z21	21°15	12°38	20°17	27°2	29°32	7°59	6°22	19°34	20°6	5°41	5°52
S 26	8 21 35	6°15'52	25°28	2°1	22°6	13°20	20°28	27°8	29°30	7°58	6°23	19°25	20°2	5°48	5°53
S 27	8 25 31	7°16'47	8°21	3°42	22°56	14°1	20°39	27°14	29°28	7°58	6°25	19°15	19°59	5°55	5°54
M28	8 29 28	8°17'41	21°14	5°23	23°46	14°42	20°50	27°20	29°27	7°57	6°27	19°3	19°56	6°1	5°55
T 29	8 33 25	9°18'34	4°23	7°6	24°35	15°24	21°2	27°26	29°25	7°56	6°29	18°50	19°53	6°8	5°55
W30	8 37 21	10°19'26	18°14	8°49	25°23	16°5	21°13	27°32	29°23	7°56	6°31	18°39	19°50	6°15	5°56
T 31	8 41 18	11°20'17	2°13	10°32	26°10	16°Y46	21°24	27°37	29°II21	7°55	6°33	18°Y29	19°Y47	6°21	5°57

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23s 2	25n55	5n 0	23s 7	0n11	13s26	1s15	1s54	0s23	22s 9	0n31	22s15	1n 6	23n43	0n15	1s49	1n30	24s18	5s35	8n32	8n21	13n31	12n10	1s26
W 2	22 57	22 38	4 47	23 18	0 3	12 59	1 11	1 37	0 21	22 10	0 31	22 15	1 6	23 43	0 15	1 49	1 30	24 17	5 35	8 27	8 19	13 34	12 10	1 26
T 3	22 51	18 7	4 18	23 29	0s 4	12 33	1 6	1 19	0 20	22 12	0 31	22 15	1 6	23 43	0 15	1 49	1 30	24 17	5 35	8 23	8 18	13 37	12 9	1 26
F 4	22 45	12 38	3 35	23 38	0 11	12 6	1 1	1 1	0 19	22 13	0 31	22 16	1 6	23 43	0 15	1 49	1 30	24 16	5 35	8 20	8 17	13 40	12 9	1 26
S 5	22 38	6 29	2 38	23 47	0 19	11 39	0 56	0 44	0 18	22 15	0 31	22 16	1 6	23 43	0 15	1 49	1 30	24 16	5 35	8 19	8 16	13 43	12 9	1 26
S 6	22 31	0s 2	1 32	23 54	0 26	11 12	0 51	0 26	0 16	22 16	0 31	22 16	1 6	23 43	0 15	1 49	1 30	24 15	5 35	8 18	8 15	13 47	12 9	1 26
M 7	22 24	6 37	0 19	24 0	0 33	10 45	0 46	0 9	0 15	22 17	0 31	22 17	1 6	23 43	0 15	1 49	1 30	24 15	5 35	8 18	8 13	13 50	12 8	1 26
T 8	22 16	12 56	0s55	24 5	0 39	10 17	0 41	0n 9	0 14	22 19	0 31	22 17	1 6	23 43	0 15	1 49	1 30	24 15	5 35	8 18	8 12	13 53	12 8	1 26
W 9	22 8	18 37	2 6	24 8	0 46	9 49	0 35	0 27	0 13	22 20	0 31	22 17	1 6	23 43	0 15	1 49	1 31	24 14	5 35	8 17	8 11	13 56	12 8	1 26
T 10	21 59	23 18	3 10	24 11	0 52	9 22	0 29	0 44	0 12	22 21	0 31	22 17	1 6	23 43	0 15	1 49	1 31	24 14	5 35	8 16	8 10	13 59	12 8	1 26
F 11	21 50	26 34	4 2	24 12	0 58	8 54	0 23	1 2	0 10	22 22	0 31	22 18	1 6	23 43	0 15	1 49	1 31	24 13	5 35	8 13	8 9	14 2	12 8	1 26
S 12	21 40	28 6	4 38	24 12	1 4	8 26	0 17	1 19	0 9	22 23	0 31	22 18	1 6	23 43	0 15	1 49	1 31	24 13	5 35	8 10	8 7	14 5	12 8	1 26
S 13	21 30	27 46	4 57	24 10	1 10	7 58	0 11	1 37	0 8	22 25	0 31	22 18	1 6	23 43	0 15	1 48	1 31	24 12	5 35	8 5	8 6	14 8	12 8	1 26
M14	21 20	25 41	4 58	24 7	1 15	7 30	0 5	1 54	0 7	22 26	0 31	22 18	1 6	23 43	0 15	1 48	1 31	24 12	5 35	8 0	8 5	14 11	12 8	1 26
T 15	21 9	22 9	4 42	24 3	1 21	7 1	0n 2	2 12	0 6	22 27	0 31	22 19	1 6	23 43	0 15	1 48	1 31	24 12	5 35	7 55	8 4	14 14	12 8	1 26
W16	20 57	17 33	4 10	23 57	1 26	6 33	0 8	2 29	0 5	22 28	0 31	22 19	1 6	23 43	0 15	1 48	1 31	24 11	5 35	7 51	8 3	14 17	12 8	1 26
T 17	20 46	12 17	3 27	23 50	1 30	6 5	0 15	2 47	0 4	22 29	0 30	22 19	1 6	23 43	0 15	1 48	1 31	24 11	5 35	7 48	8 1	14 20	12 8	1 26
F 18	20 34	6 38	2 34	23 42	1 35	5 37	0 22	3 4	0 2	22 30	0 30	22 19	1 6	23 43	0 15	1 48	1 31	24 10	5 35	7 45	8 0	14 23	12 8	1 26
S 19	20 21	0 52	1 35	23 32	1 39	5 8	0 29	3 21	0 1	22 31	0 30	22 19	1 6	23 43	0 15	1 48	1 31	24 10	5 36	7 44	7 59	14 26	12 8	1 26
S 20	20 8	4n50	0 33	23 20	1 43	4 40	0 36	3 39	0 0	22 32	0 30	22 20	1 6	23 43	0 15	1 47	1 31	24 9	5 36	7 44	7 58	14 29	12 8	1 26
M21	19 55	10 17	0n30	23 8	1 47	4 12	0 44	3 56	0n 1	22 33	0 30	22 20	1 6	23 43	0 15	1 47	1 31	24 9	5 36	7 44	7 57	14 32	12 8	1 26
T 22	19 42	15 21	1 31	22 53	1 50	3 44	0 51	4 13	0 2	22 34	0 30	22 20	1 6	23 43	0 15	1 47	1 31	24 9	5 36	7 44	7 55	14 35	12 8	1 26
W23	19 28	19 52	2 29	22 38	1 53	3 16	0 59	4 30	0 3	22 35	0 30	22 20	1 6	23 43	0 15	1 47	1 31	24 8	5 36	7 43	7 54	14 39	12 9	1 26
T 24	19 13	23 38	3 20	22 20	1 56	2 48	1 7	4 47	0 4	22 36	0 30	22 20	1 6	23 43	0 15	1 46	1 31	24 8	5 36	7 42	7 53	14 42	12 9	1 26
F 25	18 59	26 25	4 3	22 2	1 58	2 20	1 15	5 4	0 5	22 37	0 30	22 20	1 6	23 43	0 15	1 46	1 31	24 7	5 36	7 40	7 52	14 45	12 9	1 26
S 26	18 44	28 0	4 36	21 41	2 0	1 52	1 23	5 21	0 6	22 37	0 30	22 20	1 6	23 43	0 15	1 46	1 31	24 7	5 36	7 37	7 51	14 48	12 9	1 26
S 27	18 29	28 9	4 56	21 19	2 2	1 25	1 31	5 38	0 7	22 38	0 30	22 21	1 6	23 43	0 15	1 46	1 32	24 6	5 36	7 33	7 49	14 51	12 9	1 26
M28	18 13	26 45	5 1	20 56	2 3	0 57	1 39	5 55	0 8	22 39	0 30	22 21	1 6	23 43	0 15	1 45	1 32	24 6	5 36	7 28	7 48	14 54	12 10	1 26
T 29	17 57	23 50	4 51	20 31	2 4	0 30	1 48	6 12	0 9	22 40	0 30	22 21	1 6	23 43	0 15	1 45	1 32	24 6	5 36	7 23	7 47	14 57	12 10	1 26
W30	17 41	19 33	4 23	20 5	2 5	0 3	1 57	6 29	0 10															

SWISS EPHEMERIS for the year 1782

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♃	♄
F 1	8 45 14	12 ²² 17'07	16 ¹⁷ 7	12 ²² 17	26 ³⁵ 56	17 ¹⁷ 27	21 ²⁷ 35	27 ²⁷ 43	29 ²⁰ R20	7 ²⁰ R54	6 ²² 35	18 ²⁰ R23	19 ¹⁷ 43	6 ²² 28	5 ²² 58	
S 2	8 49 11	13 ²¹ 21'55	0 ²² 14	14 ²⁰ 2	27 ⁴¹	18 ²⁰ 9	21 ⁴⁵	27 ⁴⁹	29 ¹⁸ II18	7 ²⁰ 53	6 ³⁷	18 ¹⁹ R19	19 ⁴⁰	6 ³⁵	5 ⁵⁹	
S 3	8 53 7	14 ²² 24'3	14 ²³	15 ⁴⁸	28 ²⁵	18 ⁵⁰	21 ⁵⁶	27 ⁵⁴	29 ¹⁶	7 ⁵³	6 ³⁸	18 ¹⁸ D18	19 ³⁷	6 ⁴¹	6 ¹	
M 4	8 57 4	15 ²³ 30	28 ³²	17 ³⁵	29 ⁸	19 ³¹	22 ⁷	28 ⁰	29 ¹⁵	7 ⁵²	6 ⁴⁰	18 ¹⁸	19 ³⁴	6 ⁴⁸	6 ²	
T 5	9 1 0	16 ²⁴ 16	12 ¹⁸ 40	19 ²²	29 ⁵⁰	20 ¹²	22 ¹⁷	28 ⁵	29 ¹³	7 ⁵¹	6 ⁴²	18 ¹⁸ R18	19 ³¹	6 ⁵⁵	6 ³	
W 6	9 4 57	17 ²⁵ 01	26 ⁴⁴	21 ¹⁰	0 ¹⁷ 31	20 ⁵³	22 ²⁸	28 ¹¹	29 ¹²	7 ⁵⁰	6 ⁴⁴	18 ¹⁸	19 ²⁷	7 ¹	6 ⁴	
T 7	9 8 54	18 ²⁵ 45	10 ²⁷ 45	22 ⁵⁸	1 ¹⁰	21 ³⁵	22 ³⁸	28 ¹⁶	29 ¹⁰	7 ⁴⁹	6 ⁴⁶	18 ¹⁶	19 ²⁴	7 ⁸	6 ⁶	
F 8	9 12 50	19 ²⁶ 28	24 ⁴²	24 ⁴⁷	1 ⁴⁸	22 ¹⁶	22 ⁴⁸	28 ²²	29 ⁹	7 ⁴⁸	6 ⁴⁸	18 ¹¹	19 ²¹	7 ¹⁵	6 ⁷	
S 9	9 16 47	20 ²⁷ 09	8 ²³ 31	26 ³⁷	2 ²⁵	22 ⁵⁷	22 ⁵⁸	28 ²⁷	29 ⁷	7 ⁴⁷	6 ⁴⁹	18 ⁴	19 ¹⁸	7 ²¹	6 ⁹	
S 10	9 20 43	21 ²⁷ 50	22 ¹²	28 ²⁷	3 ¹	23 ³⁸	23 ⁸	28 ³²	29 ⁶	7 ⁴⁶	6 ⁵¹	17 ⁵⁵	19 ¹⁵	7 ²⁸	6 ¹⁰	
M 11	9 24 40	22 ²⁸ 29	5 ²² 41	0 ¹⁷ 17	3 ³⁵	24 ¹⁹	23 ¹⁸	28 ³⁷	29 ⁵	7 ⁴⁵	6 ⁵³	17 ⁴⁵	19 ¹²	7 ³⁴	6 ¹²	
T 12	9 28 36	23 ²⁹ 07	18 ⁵⁷	2 ⁷	4 ⁸	25 ⁰	23 ²⁸	28 ⁴²	29 ⁴	7 ⁴⁴	6 ⁵⁵	17 ³⁵	19 ⁸	7 ⁴¹	6 ¹⁴	
W 13	9 32 33	24 ²⁹ 43	1 ¹⁵ 36	3 ⁵⁷	4 ³⁹	25 ⁴¹	23 ³⁸	28 ⁴⁷	29 ²	7 ⁴³	6 ⁵⁷	17 ²⁶	19 ⁵	7 ⁴⁸	6 ¹⁶	
T 14	9 36 29	25 ³⁰ 18	14 ³⁹	5 ⁴⁷	5 ⁹	26 ²³	23 ⁴⁷	28 ⁵²	29 ¹	7 ⁴²	6 ⁵⁹	17 ¹⁹	19 ²	7 ⁵⁴	6 ¹⁷	
F 15	9 40 26	26 ³⁰ 51	27 ⁶	7 ³⁷	5 ³⁷	27 ⁴	23 ⁵⁷	28 ⁵⁷	29 ⁰	7 ⁴¹	7 ⁰	17 ¹⁵	18 ⁵⁹	8 ¹	6 ¹⁹	
S 16	9 44 23	27 ³¹ 22	9 ¹⁷ 17	9 ²⁶	6 ³	27 ⁴⁵	24 ⁶	29 ²	28 ⁵⁹	7 ⁴⁰	7 ²	17 ¹²	18 ⁵⁶	8 ⁸	6 ²¹	
S 17	9 48 19	28 ³¹ 52	21 ¹⁷	11 ¹⁴	6 ²⁸	28 ²⁶	24 ¹⁵	29 ⁶	28 ⁵⁸	7 ³⁸	7 ⁴	17 ¹² D12	18 ⁵³	8 ¹⁴	6 ²³	
M 18	9 52 16	29 ³² 20	3 ²² 8	13 ⁰	6 ⁵¹	29 ⁷	24 ²⁴	29 ¹¹	28 ⁵⁷	7 ³⁷	7 ⁶	17 ¹³	18 ⁴⁹	8 ²¹	6 ²⁵	
T 19	9 56 12	0 ¹⁷ 32'46	14 ⁵⁶	14 ⁴⁵	7 ¹²	29 ⁴⁸	24 ³³	29 ¹⁵	28 ⁵⁷	7 ³⁶	7 ⁷	17 ¹⁴	18 ⁴⁶	8 ²⁸	6 ²⁷	
W 20	10 0 9	1 ³³ 10	26 ⁴⁶	16 ²⁷	7 ³¹	0 ¹⁷ 29	24 ⁴²	29 ²⁰	28 ⁵⁶	7 ³⁵	7 ⁹	17 ¹⁶ R16	18 ⁴³	8 ³⁴	6 ²⁹	
T 21	10 4 5	2 ³³ 32	8 ¹¹ 42	18 ⁷	7 ⁴⁷	1 ¹⁰	24 ⁵¹	29 ²⁴	28 ⁵⁵	7 ³³	7 ¹¹	17 ¹⁵	18 ⁴⁰	8 ⁴¹	6 ³¹	
F 22	10 8 2	3 ³³ 52	20 ⁵¹	19 ⁴⁴	8 ²	1 ⁵⁰	25 ⁰	29 ²⁹	28 ⁵⁴	7 ³²	7 ¹³	17 ¹⁴	18 ³⁷	8 ⁴⁸	6 ³⁴	
S 23	10 11 58	4 ³⁴ 10	3 ²² 16	21 ¹⁶	8 ¹⁵	2 ³¹	25 ⁸	29 ³³	28 ⁵⁴	7 ³¹	7 ¹⁴	17 ¹⁰	18 ³³	8 ⁵⁴	6 ³⁶	
S 24	10 15 55	5 ³⁴ 26	16 ¹	22 ⁴⁵	8 ²⁵	3 ¹²	25 ¹⁷	29 ³⁷	28 ⁵³	7 ³⁰	7 ¹⁶	17 ⁵	18 ³⁰	9 ¹	6 ³⁸	
M 25	10 19 52	6 ³⁴ 41	29 ¹⁰	24 ⁸	8 ³³	3 ⁵³	25 ²⁵	29 ⁴¹	28 ⁵²	7 ²⁸	7 ¹⁸	16 ⁵⁸	18 ²⁷	9 ⁸	6 ⁴¹	
T 26	10 23 48	7 ³⁴ 53	12 ²² 43	25 ²⁶	8 ³⁹	4 ³⁴	25 ³³	29 ⁴⁵	28 ⁵²	7 ²⁷	7 ¹⁹	16 ⁵¹	18 ²⁴	9 ¹⁴	6 ⁴³	
W 27	10 27 45	8 ³⁵ 03	26 ³⁷	26 ³⁷	8 ⁴³	5 ¹⁵	25 ⁴¹	29 ⁴⁹	28 ⁵¹	7 ²⁵	7 ²¹	16 ⁴⁵	18 ²¹	9 ²¹	6 ⁴⁶	
T 28	10 31 41	9 ³⁵ 11	10 ¹⁷ 51	27 ⁴²	8 ⁴⁴	5 ⁵⁵	25 ⁴⁹	29 ⁵³	28 ⁵¹	7 ²⁴	7 ²³	16 ⁴⁰	18 ¹⁸	9 ²⁸	6 ⁴⁸	

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♃	♄
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17s 7	7n58	2n42	19s 7	2s 4	0n50	2n15	7n 2	0n12	22s42	0n30	22s21	1n 6	23n43	0n15
S 2	16 50	1 21	1 35	18 36	2 3	1 17	2 24	7 19	0 12	22 43	0 30	22 21	1 6	23 43	0 15
S 3	16 32	5s22	0 21	18 4	2 2	1 43	2 33	7 35	0 13	22 44	0 30	22 21	1 6	23 43	0 15
M 4	16 14	11 49	0s54	17 30	2 0	2 8	2 42	7 52	0 14	22 44	0 30	22 21	1 6	23 43	0 15
T 5	15 56	17 40	2 6	16 54	1 58	2 34	2 52	8 8	0 15	22 45	0 30	22 21	1 6	23 43	0 15
W 6	15 38	22 32	3 10	16 17	1 55	2 59	3 2	8 25	0 16	22 45	0 30	22 21	1 6	23 43	0 15
T 7	15 19	26 5	4 2	15 39	1 52	3 24	3 11	8 41	0 17	22 46	0 30	22 22	1 6	23 43	0 15
F 8	15 1	28 1	4 40	14 58	1 48	3 48	3 21	8 57	0 18	22 47	0 30	22 22	1 6	23 43	0 15
S 9	14 41	28 12	5 1	14 17	1 44	4 15	3 31	9 13	0 19	22 47	0 30	22 22	1 6	23 43	0 15
S 10	14 22	26 38	5 4	13 34	1 39	4 35	3 42	9 29	0 19	22 48	0 30	22 22	1 6	23 43	0 15
M 11	14 2	23 33	4 50	12 50	1 33	4 58	3 52	9 45	0 20	22 48	0 30	22 22	1 6	23 43	0 15
T 12	13 43	19 17	4 21	12 5	1 26	5 21	4 2	10 1	0 21	22 49	0 30	22 22	1 6	23 43	0 15
W 13	13 22	14 12	3 39	11 18	1 20	5 43	4 13	10 17	0 22	22 49	0 30	22 22	1 6	23 43	0 15
T 14	13 2	8 36	2 46	10 31	1 12	6 4	4 23	10 33	0 23	22 50	0 30	22 22	1 6	23 43	0 15
F 15	12 42	2 47	1 46	9 42	1 4	6 25	4 34	10 48	0 23	22 50	0 30	22 22	1 6	23 43	0 15
S 16	12 21	3n 2	0 43	8 53	0 55	6 46	4 45	11 4	0 24	22 51	0 30	22 22	1 6	23 43	0 15
S 17	12 0	8 39	0n22	8 3	0 45	7 5	4 55	11 19	0 25	22 51	0 30	22 22	1 6	23 43	0 15
M 18	11 39	13 55	1 25	7 13	0 35	7 24	5 6	11 34	0 26	22 51	0 30	22 22	1 6	23 43	0 15
T 19	11 18	18 38	2 24	6 23	0 24	7 42	5 17	11 50	0 26	22 52	0 30	22 22	1 6	23 43	0 15
W 20	10 56	22 40	3 18	5 32	0 12	8 0	5 28	12 5	0 27	22 52	0 30	22 22	1 6	23 43	0 15
T 21	10 35	25 47	4 3	4 42	0n 0	8 16	5 39	12 20	0 28	22 53	0 30	22 22	1 6	23 43	0 15
F 22	10 13	27 46	4 38	3 52	0 13	8 32	5 49	12 35	0 29	22 53	0 30	22 22	1 6	23 43	0 15
S 23	9 51	28 27	5 1	3 4	0 26	8 47	6 0	12 49	0 29	22 53	0 30	22 22	1 6	23 43	0 15
S 24	9 29	27 38	5 10	2 16	0 40	9 1	6 11	13 4	0 30	22 54	0 30	22 22	1 6	23 43	0 15
M 25	9 7	25 17	5 3	1 31	0 54	9 14	6 21	13 19	0 31	22 54	0 30	22 22	1 6	23 43	0 15
T 26	8 44	21 28	4 39	0 47	1 8	9 26	6 32	13 33	0 31	22 54	0 29	22 22	1 6	23 43	0 15
W 27	8 22	16 23	3 59	0 5	1 22	9 37	6 42	13 47	0 32	22 55	0 29	22 22	1 6	23 43	0 15
T 28	7s59	10n19	3n 2	0n34	1n37	9n46	6n52	14n 2	0n33	22s55	0n29	22s22	1n 7	23n43	0n15

Julian Day Number = 2371953.5, Delta T = 16.46 sec
 Ecliptic obliquity = 23°28'12", Nutation = - 0°00'04"
 Ayanamsha: Fagan/Bradley = 21°41'52", Lahiri = 20°48'52"Greg. Calendar

SWISS EPHEMERIS for the year 1782

MARCH 1782

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	10 35 38	10 ^h 35'18"	25 ^m 18"	28 ^h 39'	8°R42	6 ^h 36'	25 ^m 57"	29 ^m 57"	28°R51	7°R23	7 ^m 24"	16°R36	18°Y14	9 ^h 34'	6 ^h 51'
S 2	10 39 34	11°35'22"	9 ^m 53"	29°29'	8 ^h Y38	7°17'	26° 4'	0 ^m 30"	28 ^h II50	7 ^m 21"	7°26"	16°D35	18°11'	9°41'	6°53'
S 3	10 43 31	12°35'25"	24°29'	0 ^h Y10	8°32'	7°58'	26°12'	0° 4'	28°50'	7°20'	7°27"	16°Y35	18° 8'	9°48'	6°56'
M 4	10 47 27	13°35'27"	9 ^m 1"	0°43'	8°23'	8°38'	26°19'	0° 8'	28°50'	7°18'	7°29"	16°36	18° 5'	9°54'	6°59'
T 5	10 51 24	14°35'26"	23°24'	1° 7'	8°11'	9°19'	26°26'	0°11'	28°50'	7°17'	7°31"	16°38	18° 2'	10° 1'	7° 1'
W 6	10 55 21	15°35'25"	7 ^m 36"	1°22'	7°58'	10° 0'	26°33'	0°14'	28°50'	7°15'	7°32"	16°39	17°59'	10° 8'	7° 4'
T 7	10 59 17	16°35'21"	21°36'	1°R28	7°41'	10°40'	26°40'	0°18'	28°D50	7°14'	7°34"	16°R39	17°55'	10°14'	7° 7'
F 8	11 3 14	17°35'16"	5 ^m 31"	1°26'	7°22'	11°21'	26°47'	0°21'	28°50'	7°12'	7°35"	16°38	17°52'	10°21'	7°10'
S 9	11 7 10	18°35'10"	18°53'	1°14'	7° 1'	12° 1'	26°53'	0°24'	28°50'	7°11'	7°37"	16°35	17°49'	10°27'	7°13'
S 10	11 11 7	19°35'01"	2 ^m 11"	0°55'	6°38'	12°42'	27° 0'	0°27'	28°50'	7° 9'	7°38"	16°31	17°46'	10°34'	7°16'
M11	11 15 3	20°34'51"	15°16'	0°27'	6°12'	13°22'	27° 6'	0°30'	28°50'	7° 8'	7°40"	16°27	17°43'	10°41'	7°19'
T 12	11 19 0	21°34'39"	28° 7'	29 ^h X53	5°45'	14° 3'	27°12'	0°33'	28°50'	7° 6'	7°41"	16°23	17°39'	10°47'	7°22'
W13	11 22 56	22°34'25"	10 ^h X45	29°12'	5°15'	14°43'	27°18'	0°35'	28°51'	7° 4'	7°42"	16°19	17°36'	10°54'	7°25'
T 14	11 26 53	23°34'09"	23°11'	28°27'	4°44'	15°24'	27°24'	0°38'	28°51'	7° 3'	7°44"	16°17	17°33'	11° 1'	7°28'
F 15	11 30 50	24°33'51"	5 ^h Y25	27°37'	4°11'	16° 4'	27°30'	0°41'	28°51'	7° 1'	7°45"	16°15	17°30'	11° 7'	7°31'
S 16	11 34 46	25°33'31"	17°28'	26°44'	3°37'	16°45'	27°35'	0°43'	28°52'	7° 0'	7°47"	16°D15	17°27'	11°14'	7°35'
S 17	11 38 43	26°33'09"	29°24'	25°50'	3° 2'	17°25'	27°40'	0°45'	28°52'	6°58'	7°48"	16°15	17°24'	11°21'	7°38'
M18	11 42 39	27°32'45"	11 ^h B14	24°55'	2°25'	18° 5'	27°45'	0°48'	28°53'	6°56'	7°49"	16°16	17°20'	11°27'	7°41'
T 19	11 46 36	28°32'18"	23° 2'	24° 1'	1°48'	18°46'	27°50'	0°50'	28°54'	6°55'	7°51"	16°18	17°17'	11°34'	7°44'
W20	11 50 32	29°31'50"	4 ^h II51	23° 8'	1°11'	19°26'	27°55'	0°52'	28°54'	6°53'	7°52"	16°19	17°14'	11°41'	7°48'
T 21	11 54 29	0 ^h Y31'19"	16°47'	22°18'	0°33'	20° 6'	28° 0'	0°54'	28°55'	6°52'	7°53"	16°21	17°11'	11°47'	7°51'
F 22	11 58 25	1°30'46"	28°54'	21°31'	29 ^h X55	20°46'	28° 4'	0°56'	28°56'	6°50'	7°54"	16°R21	17° 8'	11°54'	7°55'
S 23	12 2 22	2°30'10"	11 ^h B16	20°49'	29°18'	21°27'	28° 9'	0°58'	28°57'	6°48'	7°56"	16°21	17° 5'	12° 1'	7°58'
S 24	12 6 19	3°29'32"	23°59'	20°11'	28°41'	22° 7'	28°13'	0°59'	28°57'	6°47'	7°57"	16°20	17° 1'	12° 7'	8° 1'
M25	12 10 15	4°28'52"	7 ^h L 5	19°39'	28° 4'	22°47'	28°17'	1° 1'	28°58'	6°45'	7°58"	16°19	16°58'	12°14'	8° 5'
T 26	12 14 12	5°28'10"	20°37'	19°12'	27°29'	23°27'	28°21'	1° 2'	28°59'	6°43'	7°59"	16°17	16°55'	12°21'	8° 8'
W27	12 18 8	6°27'25"	4 ^h II35	18°51'	26°55'	24° 7'	28°24'	1° 4'	29° 0'	6°42'	8° 0'	16°16	16°52'	12°27'	8°12'
T 28	12 22 5	7°26'38"	18°57'	18°35'	26°23'	24°47'	28°28'	1° 5'	29° 2'	6°40'	8° 1'	16°15	16°49'	12°34'	8°16'
F 29	12 26 1	8°25'48"	3 ^h Y39	18°25'	25°52'	25°27'	28°31'	1° 6'	29° 3'	6°38'	8° 3'	16°15	16°45'	12°41'	8°19'
S 30	12 29 58	9°24'57"	18°34'	18°D21	25°23'	26° 7'	28°34'	1° 8'	29° 4'	6°37'	8° 4'	16°D14	16°42'	12°47'	8°23'
S 31	12 33 54	10 ^h Y24'04"	3 ^h II35	18 ^h X23	24 ^h X55	26 ^h B47	28 ^h X37	1 ^h B 9	29 ^h II 5	6 ^h B35	8 ^h B 5	16 ^h Y15	16 ^h Y39	12 ^h B54	8 ^h B27

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	lat
F 1	7s36	3n36	1n53	1n10	1n51	9n55	7n 2	14n16	0n33	22s55	0n29	22s22	1n 7	23n43	0n15	1s31	1n33	23s55	5s40	6n32	7n10	16n29	12n28	12n29	1s26
S 2	7 14	3s22	0 36	1 42	2 5	10 2	7 12	14 30	0 34	22 55	0 29	22 22	1 7	23 43	0 15	1 30	1 33	23 55	5 40	6 32	7 8	16 31	12 29	1 26	
S 3	6 51	10 10	0s43	2 11	2 19	10 8	7 21	14 44	0 35	22 56	0 29	22 22	1 7	23 43	0 15	1 29	1 33	23 54	5 40	6 32	7 7	16 34	12 30	1 26	
M 4	6 28	16 24	2 0	2 36	2 32	10 13	7 30	14 57	0 35	22 56	0 29	22 22	1 7	23 43	0 15	1 29	1 33	23 54	5 40	6 32	7 6	16 37	12 31	1 26	
T 5	6 4	21 41	3 8	2 57	2 44	10 16	7 38	15 11	0 36	22 56	0 29	22 22	1 7	23 43	0 15	1 28	1 33	23 54	5 41	6 33	7 5	16 40	12 31	1 26	
W 6	5 41	25 37	4 4	3 14	2 55	10 18	7 46	15 25	0 37	22 56	0 29	22 21	1 7	23 43	0 15	1 27	1 33	23 54	5 41	6 33	7 4	16 43	12 32	1 26	
T 7	5 18	27 56	4 44	3 25	3 6	10 18	7 54	15 38	0 37	22 56	0 29	22 21	1 7	23 43	0 15	1 27	1 33	23 53	5 41	6 33	7 2	16 46	12 33	1 26	
F 8	4 55	28 29	5 7	3 33	3 15	10 17	8 1	15 51	0 38	22 57	0 29	22 21	1 7	23 43	0 15	1 26	1 33	23 53	5 41	6 33	7 1	16 49	12 34	1 26	
S 9	4 31	27 18	5 13	3 35	3 22	10 15	8 7	16 4	0 38	22 57	0 29	22 21	1 7	23 43	0 15	1 26	1 33	23 53	5 41	6 32	7 0	16 52	12 35	1 26	
S 10	4 8	24 36	5 2	3 33	3 28	10 11	8 13	16 17	0 39	22 57	0 29	22 21	1 7	23 43	0 15	1 25	1 33	23 53	5 41	6 30	6 59	16 55	12 36	1 26	
M11	3 44	20 39	4 35	3 26	3 33	10 5	8 18	16 30	0 40	22 57	0 29	22 21	1 7	23 43	0 15	1 24	1 33	23 52	5 42	6 29	6 58	16 57	12 37	1 26	
T 12	3 21	15 48	3 54	3 15	3 35	9 58	8 23	16 43	0 40	22 57	0 29	22 21	1 7	23 43	0 15	1 24	1 33	23 52	5 42	6 27	6 56	17 0	12 38	1 26	
W13	2 57	10 22	3 3	2 59	3 36	9 50	8 26	16 55	0 41	22 57	0 29	22 21	1 7	23 43	0 15	1 23	1 33	23 52	5 42	6 26	6 55	17 3	12 39	1 26	
T 14	2 33	4 36	2 4	2 40	3 35	9 40	8 29	17 8	0 41	22 57	0 29	22 21	1 7	23 43	0 15	1 22	1 33	23 52	5 42	6 25	6 54	17 6	12 40	1 26	
F 15	2 10	1n15	0 59	2 17	3 32	9 29	8 31	17 20	0 42	22 58	0 29	22 21	1 7	23 43	0 15	1 22	1 33	23 52	5 42	6 24	6 53	17 9	12 41	1 26	
S 16	1 46	6 58	0n 7	1 52	3 27	9 16	8 32	17 32	0 42	22 58	0 29	22 21	1 7	23 43	0 15	1 21	1 33	23 51	5 42	6 24	6 51	17 12	12 42	1 26	
S 17	1 22	12 24	1 12	1 24	3 20	9 2	8 32	17 44	0 43	22 58	0 29	22 21	1 7	23 43	0 15	1 20	1 33	23 51	5 43	6 24	6 50	17 15	12 43	1 26	
M18	0 59	17 20	2 14	0 54	3 11	8 47	8 31	17 56	0 43	22 58	0 29	22 21	1 7	23 43	0 15	1 20	1 33	23 51	5 43	6 24	6 49	17 17	12 44	1 26	
T 19	0 35	21 37	3 10	0 23	3 1	8 30	8 30	18 8	0 44	22 58	0 29	22 21	1 7	23 43	0 15	1 19	1 33	23 51	5 43	6 25	6 48	17 20	12 45	1 26	
W20	0 11	25 1	3 58	0s 8	2 49	8 13	8 27	18 19	0 45	22 58	0 29	22 21	1 7	23 43	0 15	1 18	1 33	23 51	5 43	6 26	6 47	17 23	12 46	1 26	
T 21	0n12	27 23	4 36	0 40	2 37	7 54	8 23	18 31	0 45	22 58	0 29	22 21	1 7	23 43	0 15	1 18	1 33	23 51	5 43	6 26	6 45	17 26	12 47	1 26	
F 22	0 36	28 30	5 2	1 11	2 23	7 35	8 19	18 42	0 46	22 58	0 29	22 21	1 7	23 43	0 15	1 17	1 33	23 51	5 44	6 26	6 44	17 29	12 48	1 26	
S 23	1 0	28 14	5 16	1 41	2 8	7 15																			

SWISS EPHEMERIS for the year 1782

APRIL 1782

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
M 1	12 37 51	11°Y23'08	18M32	18X30	24°R30	27R27	28X40	1R9	29II 6	6°R33	8X 6	16Y15	16Y36	13R 1	8R30
T 2	12 41 47	12°22'11	3X18	18°42	24X 7	28° 7	28°43	1°10	29° 8	6R32	8° 7	16°15	16°33	13° 7	8°34
W 3	12 45 44	13°21'13	17°48	18°59	23°47	28°47	28°45	1°11	29° 9	6°30	8° 8	16°16	16°30	13°14	8°38
T 4	12 49 41	14°20'12	1R57	19°21	23°29	29°27	28°47	1°12	29°11	6°28	8° 9	16°16	16°26	13°21	8°41
F 5	12 53 37	15°19'10	15°45	19°48	23°13	0II 7	28°49	1°12	29°12	6°27	8°10	16°R16	16°23	13°27	8°45
S 6	12 57 34	16°18'06	29°12	20°19	22°59	0°47	28°51	1°13	29°14	6°25	8°10	16°D16	16°20	13°34	8°49
S 7	13 1 30	17°17'00	12X18	20°54	22°48	1°27	28°53	1°13	29°15	6°24	8°11	16°16	16°17	13°41	8°53
M 8	13 5 27	18°15'53	25° 7	21°33	22°40	2° 7	28°54	1°13	29°17	6°22	8°12	16°16	16°14	13°47	8°57
T 9	13 9 23	19°14'44	7X40	22°16	22°34	2°46	28°55	1°13	29°18	6°20	8°13	16°16	16°10	13°54	9° 1
W10	13 13 20	20°13'32	20° 0	23° 3	22°30	3°26	28°57	1°R13	29°20	6°19	8°14	16°17	16° 7	14° 1	9° 4
T 11	13 17 16	21°12'19	2Y10	23°53	22°D29	4° 6	28°57	1°13	29°22	6°17	8°15	16°17	16° 4	14° 7	9° 8
F 12	13 21 13	22°11'04	14°11	24°46	22°31	4°46	28°58	1°13	29°24	6°16	8°15	16°R17	16° 1	14°14	9°12
S 13	13 25 10	23° 9'47	26° 6	25°42	22°34	5°25	28°59	1°13	29°26	6°14	8°16	16°17	15°58	14°21	9°16
S 14	13 29 6	24° 8'29	7R56	26°41	22°40	6° 5	28°59	1°12	29°28	6°12	8°17	16°17	15°55	14°27	9°20
M15	13 33 3	25° 7'08	19°45	27°43	22°48	6°45	28°R59	1°12	29°30	6°11	8°17	16°16	15°51	14°34	9°24
T 16	13 36 59	26° 5'45	1II34	28°48	22°58	7°24	28°59	1°11	29°32	6° 9	8°18	16°14	15°48	14°41	9°28
W17	13 40 56	27° 4'20	13°25	29°55	23°11	8° 4	28°59	1°11	29°34	6° 8	8°19	16°13	15°45	14°47	9°32
T 18	13 44 52	28° 2'53	25°23	1Y 5	23°25	8°43	28°59	1°10	29°36	6° 6	8°19	16°11	15°42	14°54	9°36
F 19	13 48 49	29° 1'24	7R30	2°17	23°41	9°23	28°58	1° 9	29°38	6° 5	8°20	16°10	15°39	15° 1	9°40
S 20	13 52 45	29°59'53	19°51	3°31	24° 0	10° 2	28°57	1° 8	29°40	6° 3	8°20	16° 9	15°36	15° 7	9°44
S 21	13 56 42	0R58'20	2R30	4°48	24°20	10°42	28°56	1° 7	29°42	6° 2	8°21	16°D 9	15°32	15°14	9°48
M22	14 0 39	1°56'44	15°30	6° 6	24°42	11°21	28°55	1° 6	29°44	6° 0	8°21	16° 9	15°29	15°21	9°52
T23	14 4 35	2°55'06	28°54	7°27	25° 5	12° 1	28°54	1° 5	29°47	5°59	8°22	16°10	15°26	15°27	9°56
W24	14 8 32	3°53'26	12M45	8°50	25°31	12°40	28°52	1° 4	29°49	5°58	8°22	16°12	15°23	15°34	10° 0
T 25	14 12 28	4°51'44	27° 2	10°15	25°58	13°20	28°50	1° 2	29°51	5°56	8°23	16°13	15°20	15°41	10° 4
F 26	14 16 25	5°50'00	11R44	11°42	26°26	13°59	28°49	1° 1	29°54	5°55	8°23	16°R13	15°16	15°47	10° 8
S 27	14 20 21	6°48'14	26°45	13°11	26°56	14°38	28°46	0°59	29°56	5°53	8°23	16°13	15°13	15°54	10°12
S 28	14 24 18	7°46'27	11M56	14°42	27°28	15°18	28°44	0°57	29°59	5°52	8°24	16°12	15°10	16° 1	10°16
M29	14 28 14	8°44'37	27°10	16°15	28° 1	15°57	28°42	0°56	0R 1	5°51	8°24	16°10	15° 7	16° 7	10°20
T 30	14 32 11	9R42'46	12X15	17Y50	28X35	16II36	28X39	0R54	0R 4	5R49	8R24	16Y 7	15Y 4	16R14	10R24

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	4n31	20s 5	2s50	4s41	0s 8	4n 4	6n49	20n26	0n50	22s59	0n29	22s20	1n 8	23n43	0n15	1s11	1n33	23s50	5s46	6n24	6n32	17n57	12n59	1s27
T 2	4 54	24 39	3 53	4 49	0 22	3 44	6 37	20 35	0 51	22 59	0 29	22 20	1 8	23 43	0 15	1 10	1 33	23 49	5 46	6 24	6 31	18 0	13 0	1 27
W 3	5 17	27 33	4 39	4 54	0 35	3 25	6 24	20 45	0 51	22 59	0 29	22 20	1 8	23 43	0 15	1 9	1 33	23 49	5 46	6 24	6 30	18 2	13 2	1 27
T 4	5 40	28 35	5 8	4 57	0 48	3 6	6 12	20 54	0 51	22 59	0 29	22 20	1 8	23 43	0 15	1 9	1 33	23 49	5 46	6 24	6 28	18 5	13 3	1 27
F 5	6 2	27 48	5 18	4 58	1 0	2 47	5 59	21 3	0 52	22 59	0 29	22 20	1 8	23 43	0 15	1 8	1 33	23 49	5 47	6 24	6 27	18 8	13 4	1 27
S 6	6 25	25 23	5 10	4 56	1 11	2 30	5 45	21 12	0 52	22 59	0 29	22 20	1 8	23 43	0 15	1 7	1 33	23 49	5 47	6 24	6 26	18 11	13 5	1 27
S 7	6 48	21 42	4 46	4 52	1 22	2 14	5 32	21 20	0 53	22 59	0 29	22 20	1 8	23 43	0 15	1 7	1 33	23 49	5 47	6 24	6 25	18 14	13 6	1 27
M 8	7 10	17 3	4 8	4 45	1 32	1 58	5 19	21 29	0 53	22 59	0 29	22 20	1 8	23 43	0 15	1 6	1 33	23 49	5 47	6 24	6 23	18 16	13 7	1 27
T 9	7 33	11 46	3 19	4 37	1 41	1 43	5 5	21 37	0 53	22 59	0 29	22 20	1 8	23 43	0 15	1 5	1 33	23 49	5 48	6 24	6 22	18 19	13 9	1 27
W10	7 55	6 7	2 21	4 27	1 50	1 29	4 52	21 45	0 54	22 59	0 29	22 20	1 8	23 43	0 15	1 5	1 33	23 49	5 48	6 25	6 21	18 22	13 10	1 27
T 11	8 17	0 20	1 18	4 14	1 58	1 17	4 38	21 53	0 54	22 59	0 29	22 20	1 8	23 43	0 15	1 4	1 33	23 49	5 48	6 25	6 20	18 25	13 11	1 27
F 12	8 39	5n25	0 12	4 0	2 5	1 5	4 25	22 1	0 55	22 59	0 29	22 20	1 8	23 43	0 15	1 4	1 33	23 49	5 48	6 25	6 19	18 27	13 12	1 27
S 13	9 1	10 56	0n54	3 44	2 12	0 54	4 12	22 8	0 55	22 59	0 29	22 20	1 8	23 43	0 15	1 3	1 33	23 49	5 48	6 25	6 17	18 30	13 13	1 27
S 14	9 22	16 1	1 57	3 26	2 19	0 44	3 59	22 15	0 55	22 59	0 29	22 20	1 8	23 43	0 15	1 2	1 33	23 49	5 49	6 25	6 16	18 33	13 15	1 27
M15	9 44	20 30	2 55	3 7	2 24	0 35	3 45	22 23	0 56	22 59	0 29	22 20	1 8	23 43	0 15	1 2	1 33	23 49	5 49	6 24	6 15	18 36	13 16	1 27
T 16	10 5	24 11	3 46	2 46	2 29	0 28	3 33	22 30	0 56	22 59	0 29	22 20	1 8	23 43	0 15	1 1	1 33	23 49	5 49	6 24	6 14	18 38	13 17	1 27
W17	10 27	26 51	4 26	2 23	2 34	0 21	3 20	22 36	0 56	22 59	0 29	22 19	1 8	23 43	0 15	1 1	1 33	23 49	5 49	6 23	6 12	18 41	13 18	1 27
T 18	10 48	28 19	4 56	1 59	2 37	0 15	3 7	22 43	0 57	22 59	0 28	22 19	1 8	23 43	0 15	1 0	1 33	23 50	5 50	6 23	6 11	18 44	13 19	1 28
F 19	11 8	28 28	5 13	1 33	2 40	0 10	2 55	22 50	0 57	23 0	0 28	22 19	1 8	23 43	0 15	0 59	1 33	23 50	5 50	6 22	6 10	18 46	13 21	1 28
S 20	11 29	27 12	5 16	1 6	2 43	0 6	2 43	22 56	0 57	23 0	0 28	22 19	1 8	23 43	0 15	0 59	1 33	23 50	5 50	6 22	6 9	18 49	13 22	1 28
S 21	11 50	24 33	5 4	0 37	2 45	0 4	2 31	23 2	0 58	23 0	0 28	22 19	1 9	23 43	0 15	0 58	1 33	23 50	5 50	6 22	6 7	18 52	13 23	1 28
M22	12 10	20 36	4 36	0 7	2 46	0 2	2 20	23 8	0 58	23 0	0 28	22 19	1 9	23 43	0 15	0 58	1 33	23 50	5 51	6 22	6 6	18 55	13 24	1 28
T 23	12 30	15 30	3 53	0n24	2 47	0 0	2 8	23 13	0 58	23 0	0 28	22 19	1 9	23 43	0 15	0 57	1 33	23 50	5 51	6 22	6 5	18 57	13 25	1 28
W24	12 50	9 28	2 55	0 57	2 47	0 0	1 57	23 19	0 59	23 0	0 28	22 19	1 9	23 43	0 15	0 57	1 33	23 50	5 51	6 23	6 4	19 0	13 27	1 28
T 25	13 10	2 46	1 44	1 30	2 47	0 1	1 46	23 24	0 59	23 0	0 28	22 19	1 9	23 43	0 15	0 56	1 33	23 50	5 51	6 23	6 3	19 3	13 28	1 28
F 26	13 29	4s16	0 25	2 5	2 46	0 3	1 35	23 29	0 59	23 0	0 28	22 19	1 9	23 43	0 15	0 55	1 33	23 50	5 51	6 23	6 1	19 5	13 29	1 28
S 27	13 48	11 13	0s58	2 41	2 45	0 5	1 25	23 34	1 0	23 0	0 28	22 19	1 9	23 43	0 15	0 55	1 33	23 51	5 52	6 23	6 0	19 8	13 30	1 28
S 28	14 7	17 37	2 17	3 18	2 43	0 8	1 15	23 39	1 0	23 0	0 28	22 19	1 9	23 43	0 15	0 54	1 33	23 51	5 52	6 23	5 59	19 11	13 31	1 28
M29	14 26	22 54	3 27	3 56	2 40	0 12	1 5	23 43	1 0	23 0	0 28	22 19	1 9	23 43	0 15	0 54	1 33	23 51	5 52	6 22	5 58	19 13	13 32	1 28
T 30	14n45	26s36	4s21	4n35	2s37	0n17	0n55	23n48	1n 0	23s 0	0n28	22s19												

SWISS EPHEMERIS for the year 1782

MAY 1782

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	14 36 8	10♃40'54	27♂ 3	19♃26	29♂11	17♂15	28♂R36	0♂R52	0♂ 6	5♂R48	8♂25	16♂R 3	15♂Y 1	16♂Z1	10♂Z28	
T 2	14 40 4	11♂39'00	11♂Z27	21° 5	29♂47	17°55	28♂Z33	0♂Z50	0° 9	5♂47	8°25	16♂Y 1	14°57	16°27	10°33	
F 3	14 44 1	12♂37'05	25°25	22°46	0♂Y25	18°34	28°30	0°48	0°12	5°46	8°25	15°58	14°54	16°34	10°37	
S 4	14 47 57	13♂35'08	8♂55	24°28	1° 5	19°13	28°27	0°45	0°14	5°44	8°25	15°D57	14°51	16°41	10°41	
S 5	14 51 54	14°33'10	22° 0	26°12	1°45	19°52	28°23	0°43	0°17	5°43	8°25	15°57	14°48	16°47	10°45	
M 6	14 55 50	15°31'10	4♂43	27°59	2°26	20°31	28°20	0°41	0°20	5°42	8°25	15°59	14°45	16°54	10°49	
T 7	14 59 47	16°29'09	17° 7	29°47	3° 8	21°10	28°16	0°38	0°23	5°41	8°25	16° 0	14°42	17° 1	10°53	
W 8	15 3 43	17°27'07	29°17	1♂37	3°52	21°50	28°12	0°36	0°26	5°40	8°26	16° 2	14°38	17° 7	10°57	
T 9	15 7 40	18°25'03	11♂Y16	3°29	4°36	22°29	28° 8	0°33	0°28	5°38	8°R26	16°R 3	14°35	17°14	11° 1	
F 10	15 11 37	19°22'58	23° 9	5°23	5°21	23° 8	28° 3	0°30	0°31	5°37	8°26	16° 3	14°32	17°21	11° 5	
S 11	15 15 33	20°20'52	4♂58	7°19	6° 7	23°47	27°59	0°28	0°34	5°36	8°25	16° 1	14°29	17°27	11° 9	
S 12	15 19 30	21°18'44	16°45	9°16	6°54	24°26	27°54	0°25	0°37	5°35	8°25	15°58	14°26	17°34	11°13	
M13	15 23 26	22°16'35	28°35	11°16	7°41	25° 5	27°49	0°22	0°40	5°34	8°25	15°53	14°22	17°41	11°17	
T 14	15 27 23	23°14'24	10♂Z27	13°17	8°30	25°44	27°44	0°19	0°43	5°33	8°25	15°46	14°19	17°47	11°21	
W15	15 31 19	24°12'12	22°24	15°20	9°19	26°23	27°39	0°16	0°46	5°32	8°25	15°39	14°16	17°54	11°25	
T 16	15 35 16	25° 9'59	4♂Z28	17°25	10° 9	27° 2	27°34	0°13	0°49	5°31	8°25	15°32	14°13	18° 1	11°29	
F 17	15 39 12	26° 7'44	16°41	19°31	10°59	27°41	27°28	0° 9	0°52	5°30	8°25	15°26	14°10	18° 7	11°33	
S 18	15 43 9	27° 5'27	29° 6	21°39	11°50	28°19	27°23	0° 6	0°55	5°29	8°25	15°21	14° 7	18°14	11°37	
S 19	15 47 6	28° 3'09	11♂Z45	23°48	12°42	28°58	27°17	0° 3	0°59	5°29	8°24	15°18	14° 3	18°21	11°41	
M20	15 51 2	29° 0'49	24°42	25°58	13°34	29°37	27°11	29♂Z59	1° 2	5°28	8°24	15°D17	14° 0	18°27	11°45	
T 21	15 54 59	29°58'27	7♂Y59	28° 8	14°27	0♂Z16	27° 6	29°56	1° 5	5°27	8°24	15°17	13°57	18°34	11°49	
W22	15 58 55	0♂Y56'04	21°40	0♂Z20	15°20	0°55	26°59	29°52	1° 8	5°26	8°23	15°18	13°54	18°41	11°53	
T 23	16 2 52	1°53'40	5♂Z46	2°32	16°14	1°34	26°53	29°49	1°11	5°25	8°23	15°19	13°51	18°47	11°57	
F 24	16 6 48	2°51'14	20°16	4°43	17° 9	2°12	26°47	29°45	1°15	5°25	8°23	15°R19	13°48	18°54	12° 0	
S 25	16 10 45	3°48'46	5♂Z 7	6°55	18° 4	2°51	26°41	29°41	1°18	5°24	8°22	15°18	13°44	19° 1	12° 4	
S 26	16 14 41	4°46'18	20°14	9° 6	19° 0	3°30	26°34	29°38	1°21	5°23	8°22	15°14	13°41	19° 7	12° 8	
M27	16 18 38	5°43'48	5♂Z28	11°17	19°56	4° 9	26°27	29°34	1°25	5°23	8°21	15° 8	13°38	19°14	12°12	
T 28	16 22 35	6°41'17	20°38	13°26	20°52	4°47	26°21	29°30	1°28	5°22	8°21	15° 1	13°35	19°21	12°16	
W29	16 26 31	7°38'45	5♂Z34	15°35	21°49	5°26	26°14	29°26	1°31	5°21	8°20	14°53	13°32	19°27	12°20	
T 30	16 30 28	8°36'13	20° 8	17°42	22°46	6° 5	26° 7	29°22	1°35	5°21	8°20	14°46	13°28	19°34	12°23	
F 31	16 34 24	9♂Z33'39	4♂15	19♂Z47	23♂Y44	6♂Z43	26♂ 0	29♂Z18	1♂Z38	5♂Z20	8♂Z19	14♂Y40	13♂Y25	19♂Z41	12♂Z27	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	15n 3	28s23	4s57	5n15	2s33	0n22	0n46	23n52	1n 1	23s 0	0n28	22s19	1n 9	23n43	0n15	0s53
T 2	15 21	28 11	5 13	5 56	2 29	0 29	0 37	23 56	1 1	23 0	0 28	22 19	1 9	23 43	0 15	0 52
F 3	15 39	26 10	5 10	6 38	2 25	0 36	0 28	24 0	1 1	23 0	0 28	22 19	1 9	23 43	0 15	0 52
S 4	15 56	22 42	4 50	7 20	2 19	0 43	0 19	24 3	1 1	23 0	0 28	22 19	1 9	23 43	0 15	0 51
S 5	16 13	18 12	4 14	8 3	2 14	0 52	0 11	24 6	1 2	23 0	0 28	22 19	1 9	23 43	0 15	0 51
M 6	16 31	13 1	3 28	8 47	2 7	1 0	0 3	24 10	1 2	23 0	0 28	22 19	1 9	23 43	0 15	0 51
T 7	16 47	7 26	2 32	9 32	2 1	1 10	0s 5	24 13	1 2	23 0	0 28	22 19	1 9	23 43	0 15	0 50
W 8	17 4	1 40	1 31	10 17	1 53	1 20	0 13	24 15	1 2	23 0	0 28	22 19	1 9	23 43	0 15	0 50
T 9	17 20	4n 4	0 26	11 2	1 46	1 31	0 21	24 18	1 3	23 0	0 27	22 19	1 9	23 43	0 15	0 49
F 10	17 36	9 36	0n39	11 48	1 38	1 42	0 28	24 20	1 3	23 0	0 27	22 19	1 9	23 43	0 15	0 49
S 11	17 51	14 47	1 42	12 34	1 29	1 54	0 35	24 22	1 3	23 0	0 27	22 19	1 9	23 43	0 15	0 48
S 12	18 7	19 25	2 40	13 20	1 20	2 6	0 42	24 24	1 3	23 0	0 27	22 19	1 9	23 43	0 15	0 48
M13	18 22	23 18	3 31	14 6	1 11	2 19	0 48	24 26	1 4	23 0	0 27	22 19	1 9	23 43	0 15	0 48
T 14	18 36	26 13	4 13	14 52	1 1	2 32	0 55	24 28	1 4	23 0	0 27	22 19	1 9	23 43	0 15	0 47
W15	18 51	27 59	4 45	15 38	0 52	2 46	1 1	24 29	1 4	23 0	0 27	22 19	1 9	23 43	0 15	0 47
T 16	19 5 28	27 5	4 16	23 0	0 41	3 0	1 7	24 30	1 4	23 0	0 27	22 19	1 9	23 43	0 15	0 47
F 17	19 19 27	33 5	10 17	8 0	0 31	3 15	1 12	24 31	1 4	23 0	0 27	22 19	1 9	23 43	0 15	0 46
S 18	19 32 25	16 5	1 17	52 0	0 21	3 29	1 18	24 32	1 5	23 0	0 27	22 19	1 9	23 43	0 15	0 46
S 19	19 45 21	43 4	3 18	35 0	0 10	3 45	1 23	24 33	1 5	23 0	0 27	22 19	1 9	23 43	0 15	0 46
M20	19 58 17	4 4	0 19	17 0n 1	4 0	1 28	24 33	1 5	23 0	0 27	22 19	1 9	23 43	0 15	0 45	
T 21	20 10 11	29 3	8 19	57 0	1 11	4 16	1 33	24 33	1 5	23 0	0 27	22 19	1 9	23 43	0 15	0 45
W22	20 22 5	13 2	4 20	36 0	0 22	4 33	1 38	24 33	1 5	23 0	0 27	22 19	1 9	23 43	0 15	0 45
T 23	20 34 1s30	0 51	21 13	0 32	4 49	1 42	24 33	1 5	23 0	0 26	22 19	1 9	23 43	0 15	0 45	
F 24	20 45 8	20 0s27	21 48	0 42	5 6	1 47	24 33	1 6	23 0	0 26	22 19	1 9	23 43	0 15	0 44	
S 25	20 56 14	53 1	45 22	20 0	0 51	5 23	1 51	24 32	1 6	22 59	0 26	22 19	1 9	23 43	0 15	0 44
S 26	21 7 20	40 2	57 22	51 1	1 5	5 41	1 55	24 31	1 6	22 59	0 26	22 19	1 9	23 43	0 15	0 44
M27	21 17 25	7 3	57 23	19 1	1 10	5 58	1 59	24 30	1 6	22 59	0 26	22 19	1 9	23 43	0 15	0 44
T 28	21 27 27	47 4	39 23	44 1	1 18	6 16	2 2	24 29	1 6	22 59	0 26	22 19	1 9	23 43	0 15	0 43
W29	21 37 28	23 5	2 24	6 1	1 26	6 34	2 6	24 28	1 6	22 59	0 26	22 20	1 9	23 43	0 15	0 43
T 30	21 46 26	59 5	5 24	26 1	1 33	6 52	2 9	24 26	1 7	22 59	0 26	22 20	1 9	23 43	0 15	0 43
F 31	21n55	23s54	4s49	24n43	1n39	7n11	2s12	24n25	1n 7	22s59	0n26	22s20	1n 9	23n43	0n15	0s43

Julian Day Number = 2372042.5, Delta T = 16.46 sec
 Ecliptic obliquity = 23°28'12", Nutation = - 0°00'05"
 Ayanamsha: Fagan/Bradley = 21°42'05", Lahiri = 20°49'05"Greg. Calendar

SWISS EPHEMERIS for the year 1782

JUNE 1782

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	16 38 21	10II31'05	17~53	21II50	24Y42	7~22	25°R53	29°R14	1~41	5°R20	8°R19	14°R35	13Y22	19~47	12~31
S 2	16 42 17	11°28'30	1~1	23°52	25°41	8° 1	25~46	29~10	1°45	5~19	8~18	14Y33	13°19	19°54	12°35
M 3	16 46 14	12°25'55	13°45	25°51	26°40	8°39	25°39	29° 6	1°48	5°19	8°18	14°D32	13°16	20° 1	12°38
T 4	16 50 11	13°23'18	26° 7	27°48	27°39	9°18	25°31	29° 2	1°52	5°19	8°17	14°33	13°13	20° 7	12°42
W 5	16 54 7	14°20'42	8Y14	29°43	28°39	9°56	25°24	28°58	1°55	5°18	8°16	14°34	13° 9	20°14	12°45
T 6	16 58 4	15°18'04	20° 9	1~35	29°39	10°35	25°17	28°54	1°59	5°18	8°16	14°R34	13° 6	20°21	12°49
F 7	17 2 0	16°15'26	1~58	3°25	0~39	11°13	25° 9	28°49	2° 2	5°18	8°15	14°32	13° 3	20°27	12°53
S 8	17 5 57	17°12'48	13°45	5°13	1°40	11°52	25° 2	28°45	2° 6	5°17	8°14	14°28	13° 0	20°34	12°56
S 9	17 9 53	18°10'09	25°34	6°58	2°40	12°30	24°54	28°41	2° 9	5°17	8°13	14°22	12°57	20°41	13° 0
M10	17 13 50	19° 7'29	7II27	8°40	3°42	13° 9	24°47	28°36	2°13	5°17	8°13	14°13	12°54	20°47	13° 3
T 11	17 17 46	20° 4'49	19°26	10°20	4°43	13°47	24°39	28°32	2°16	5°17	8°12	14° 2	12°50	20°54	13° 7
W12	17 21 43	21° 2'08	1~32	11°58	5°45	14°26	24°31	28°28	2°20	5°17	8°11	13°50	12°47	21° 1	13°10
T 13	17 25 40	21°59'27	13°47	13°33	6°47	15° 4	24°24	28°23	2°23	5°16	8°10	13°38	12°44	21° 7	13°13
F 14	17 29 36	22°56'44	26°12	15° 5	7°49	15°43	24°16	28°19	2°27	5°16	8° 9	13°27	12°41	21°14	13°17
S 15	17 33 33	23°54'02	8~47	16°35	8°52	16°21	24° 8	28°15	2°31	5°16	8° 8	13°18	12°38	21°21	13°20
S 16	17 37 29	24°51'18	21°35	18° 2	9°55	17° 0	24° 1	28°10	2°34	5°D16	8° 7	13°11	12°34	21°27	13°23
M17	17 41 26	25°48'34	4~36	19°26	10°58	17°38	23°53	28° 6	2°38	5°16	8° 7	13° 7	12°31	21°34	13°27
T 18	17 45 22	26°45'48	17°35	20°48	12° 1	18°17	23°45	28° 1	2°41	5°16	8° 6	13° 5	12°28	21°41	13°30
W19	17 49 19	27°43'03	1~29	22° 7	13° 4	18°55	23°38	27°57	2°45	5°16	8° 5	13°D 5	12°25	21°47	13°33
T 20	17 53 15	28°40'16	15°24	23°23	14° 8	19°33	23°30	27°53	2°49	5°17	8° 4	13°R 5	12°22	21°54	13°36
F 21	17 57 12	29°37'29	29°40	24°37	15°12	20°12	23°22	27°48	2°52	5°17	8° 3	13° 5	12°19	22° 1	13°39
S 22	18 1 9	0~34'41	14~15	25°47	16°16	20°50	23°15	27°44	2°56	5°17	8° 2	13° 2	12°15	22° 7	13°43
S 23	18 5 5	1°31'53	29° 5	26°55	17°20	21°28	23° 7	27°39	2°59	5°17	8° 1	12°57	12°12	22°14	13°46
M24	18 9 2	2°29'04	14~7	28° 0	18°25	22° 7	23° 0	27°35	3° 3	5°17	8° 0	12°49	12° 9	22°21	13°49
T 25	18 12 58	3°26'15	29° 3	29° 1	19°29	22°45	22°52	27°31	3° 7	5°18	7°58	12°39	12° 6	22°27	13°52
W26	18 16 55	4°23'26	13~53	29°59	20°34	23°23	22°45	27°26	3°10	5°18	7°57	12°28	12° 3	22°34	13°55
T 27	18 20 51	5°20'37	28°24	0~54	21°39	24° 2	22°38	27°22	3°14	5°18	7°56	12°17	12° 0	22°41	13°57
F 28	18 24 48	6°17'48	12~32	1°46	22°45	24°40	22°30	27°18	3°17	5°19	7°55	12° 8	11°56	22°48	14° 0
S 29	18 28 45	7°14'58	26°12	2°34	23°50	25°18	22°23	27°13	3°21	5°19	7°54	12° 1	11°53	22°54	14° 3
S 30	18 32 41	8~12'09	9~24	3~19	24~56	25~56	22~16	27~9	3~25	5~19	7~53	11Y56	11Y50	23~1	14~6

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	22n 3	19s34	4s17	24n58	1n45	7n29	2s15	24n23	1n 7	22s59	0n26	22s20	1n 9	23n43	0n15	0s43	1n32	24s 0	6s 0	5n45	5n17	20n39	14n 9	1s32
S 2	22 11	14 25	3 32	25 9	1 50	7 48	2 18	24 21	1 7	22 59	0 25	22 20	1 8	23 43	0 15	0 43	1 32	24 0	6 0	5 45	5 16	20 42	14 10	1 32
M 3	22 19	8 49	2 37	25 18	1 54	8 7	2 20	24 18	1 7	22 59	0 25	22 20	1 8	23 43	0 15	0 42	1 32	24 0	6 0	5 44	5 15	20 44	14 11	1 32
T 4	22 26	3 2	1 37	25 25	1 58	8 26	2 23	24 16	1 7	22 58	0 25	22 20	1 8	23 42	0 15	0 42	1 32	24 1	6 1	5 44	5 13	20 47	14 12	1 32
W 5	22 33	2n45	0 34	25 29	2 0	8 45	2 25	24 13	1 7	22 58	0 25	22 20	1 8	23 42	0 15	0 42	1 32	24 1	6 1	5 45	5 12	20 49	14 13	1 32
T 6	22 39	8 21	0n30	25 30	2 2	9 4	2 27	24 10	1 8	22 58	0 25	22 20	1 8	23 42	0 15	0 42	1 32	24 2	6 1	5 45	5 11	20 52	14 14	1 32
F 7	22 46	13 36	1 32	25 29	2 4	9 23	2 29	24 7	1 8	22 58	0 25	22 20	1 8	23 42	0 15	0 42	1 32	24 2	6 1	5 44	5 10	20 54	14 15	1 32
S 8	22 51	18 22	2 29	25 26	2 4	9 43	2 31	24 4	1 8	22 58	0 25	22 20	1 8	23 42	0 15	0 42	1 32	24 2	6 1	5 43	5 8	20 57	14 16	1 33
S 9	22 57	22 25	3 20	25 21	2 4	10 2	2 32	24 0	1 8	22 58	0 25	22 20	1 8	23 42	0 15	0 42	1 32	24 3	6 2	5 40	5 7	20 59	14 17	1 33
M10	23 1 25	34 4	3 25	14 2	3 10	21 2	2 34	23 57	1 8	22 57	0 25	22 20	1 8	23 42	0 15	0 42	1 32	24 3	6 2	5 37	5 6	21 1	14 18	1 33
T 11	23 6 27	37 4 35	25 5	2 1	10 40	2 35	23 53	1 8	22 57	0 24	22 20	1 8	23 42	0 15	0 42	1 32	24 4	6 2	5 32	5 5	21 4	14 19	1 33	
W12	23 10 28	23 4 55	24 54	1 59	11 0	2 36	23 49	1 8	22 57	0 24	22 20	1 8	23 42	0 15	0 42	1 32	24 4	6 2	5 28	5 3	21 6	14 20	1 33	
T 13	23 14 27	46 5 2	24 42	1 56	11 19	2 37	23 45	1 8	22 57	0 24	22 20	1 8	23 42	0 15	0 42	1 32	24 4	6 2	5 23	5 2	21 9	14 21	1 33	
F 14	23 17 25	46 4 55	24 28	1 52	11 38	2 38	23 41	1 8	22 57	0 24	22 20	1 8	23 42	0 15	0 42	1 32	24 5	6 3	5 19	5 1	21 11	14 22	1 33	
S 15	23 20 22	28 4 33	24 13	1 47	11 57	2 39	23 36	1 8	22 57	0 24	22 20	1 8	23 42	0 15	0 42	1 32	24 5	6 3	5 15	5 0	21 14	14 22	1 34	
S 16	23 22 18	4 3 57	23 56	1 42	12 17	2 40	23 31	1 9	22 56	0 24	22 20	1 8	23 42	0 15	0 42	1 31	24 6	6 3	5 13	4 5	21 16	14 23	1 34	
M17	23 24 12	46 3 9	23 39	1 36	12 36	2 40	23 26	1 9	22 56	0 24	22 20	1 8	23 42	0 15	0 42	1 31	24 6	6 3	5 11	4 5	21 19	14 24	1 34	
T 18	23 26 6	47 2 9	23 20	1 30	12 54	2 41	23 21	1 9	22 56	0 23	22 20	1 8	23 42	0 15	0 42	1 31	24 7	6 3	5 11	4 5	21 21	14 25	1 34	
W19	23 27 0	21 1 1	23 13	1 23	13 13	2 41	23 16	1 9	22 56	0 23	22 20	1 7	23 42	0 15	0 42	1 31	24 7	6 4	5 10	4 5	21 24	14 26	1 34	
T 20	23 28 6s16	0s12	22 40	1 15	13 32	2 41	23 11	1 9	22 55	0 23	22 20	1 7	23 42	0 15	0 42	1 31	24 7	6 4	5 10	4 5	21 26	14 27	1 34	
F 21	23 28 12	43 1 7	22 19	1 7	13 51	2 41	23 5	1 9	22 55	0 23	22 20	1 7	23 42	0 15	0 42	1 31	24 8	6 4	5 10	4 5	21 28	14 27	1 34	
S 22	23 28 18	38 2 37	21 57	0 58	14 9	2 41	22 59	1 9	22 55	0 23	22 20	1 7	23 41	0 15	0 42	1 31	24 8	6 4	5 9	4 5	21 31	14 28	1 35	
S 23	23 28 23	31 3 38	21 35	0 48	14 27	2 41	22 53	1 9	22 55	0 23	22 20	1 7	23 41	0 15	0 42	1 31	24 9	6 4	5 7	4 5	21 33	14 29	1 35	
M24	23 27 26	53 4 24	21 13	0 38	14 45	2 41	22 47	1 9	22 54	0 23	22 20	1 7	23 41	0 15	0 43	1 31	24 9	6 5	5 4	4 4	21 36	14 30	1 35	
T 25	23 25 28	20 4 52	20 50	0 27	15 3	2 40	22 41	1 9	22 54	0 22	22 20	1 7	23 41	0 15	0 43	1 31	24 10	6 5	5 0	4 4	21 38	14 30	1 35	
W26	23 24 27	44 5 1	20 27	0 16	15 21	2 40	22 35	1 9	22 54	0 22	22 20	1 7	23 41	0 15	0 43	1 31	24 10	6 5	4 56	4 4	21 40	14 31	1 35	
T 27	23 22 25	13 4 49	20 3	0 5	15 39	2 39	22 28	1 9	22 54	0 22	22 20	1 7	23 41	0 15	0 43	1 31	24 11	6 5	4 52	4 4	21 43	14 32	1 35	
F 28	23 19 21	13 4 20	19 40	0s 8	15 56	2 38	22 21	1 9	22 53	0 22	22 20	1 7	23 41	0 15	0 43	1 31	24 11	6 5	4 48	4 4	21 45	14 33	1 36	
S 29	23 16 16	12 3 37	19 17	0 20	16 13	2 37	22 14	1 9	22 53	0 22	22 20	1 7	23 41	0 15	0 43	1 31	24 12	6 5	4 45	4 4	21 47	14 33	1 36	
S 30	23n13	10s34	2s43	18n54	0s33	16n30	2s36	22n 7	1n 9	22s53	0n22	22s20	1n 6	23n41	0n15	0s44	1n31</							

SWISS EPHEMERIS for the year 1782

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M 1	18 36 38	9 ^h 20'	22 ^h 10'	3 ^h 59'	26 ^h 8'	26 ^h 35'	22 ^h R 9	27 ^h R 5	3 ^h 28'	5 ^h 20'	7 ^h R 52	11 ^h R 54	11 ^h Y 47	23 ^h 8'	14 ^h 9'								
T 2	18 40 34	10 ^h 6'31"	4 ^h Y 34'	4 ^h 36'	27 ^h 7'	27 ^h 13'	22 ^h R 2	27 ^h R 0	3 ^h 32'	5 ^h 20'	7 ^h R 51	11 ^h Y 53	11 ^h 44'	23 ^h 14'	14 ^h 11'								
W 3	18 44 31	11 ^h 3'43"	16 ^h 42'	5 ^h 9'	28 ^h 14'	27 ^h 51'	21 ^h 55'	26 ^h 56'	3 ^h 35'	5 ^h 21'	7 ^h 49'	11 ^h 53'	11 ^h 40'	23 ^h 21'	14 ^h 14'								
T 4	18 48 27	12 ^h 0'55"	28 ^h 38'	5 ^h 38'	29 ^h 20'	28 ^h 29'	21 ^h 48'	26 ^h 52'	3 ^h 39'	5 ^h 21'	7 ^h 48'	11 ^h 53'	11 ^h 37'	23 ^h 28'	14 ^h 17'								
F 5	18 52 24	12 ^h 58'07"	10 ^h 27'	6 ^h 2'	0 ^h II 26'	29 ^h 8'	21 ^h 42'	26 ^h 48'	3 ^h 43'	5 ^h 22'	7 ^h 47'	11 ^h 51'	11 ^h 34'	23 ^h 34'	14 ^h 19'								
S 6	18 56 20	13 ^h 55'20"	22 ^h 16'	6 ^h 22'	1 ^h 33'	29 ^h 46'	21 ^h 35'	26 ^h 44'	3 ^h 46'	5 ^h 23'	7 ^h 46'	11 ^h 46'	11 ^h 31'	23 ^h 41'	14 ^h 22'								
S 7	19 0 17	14 ^h 52'33"	4 ^h II 7'	6 ^h 38'	2 ^h 40'	0 ^h II 24'	21 ^h 28'	26 ^h 40'	3 ^h 50'	5 ^h 23'	7 ^h 45'	11 ^h 39'	11 ^h 28'	23 ^h 48'	14 ^h 24'								
M 8	19 4 13	15 ^h 49'46"	16 ^h 5'	6 ^h 49'	3 ^h 46'	1 ^h 2'	21 ^h 22'	26 ^h 36'	3 ^h 53'	5 ^h 24'	7 ^h 43'	11 ^h 30'	11 ^h 25'	23 ^h 54'	14 ^h 27'								
T 9	19 8 10	16 ^h 47'00"	28 ^h 12'	6 ^h 55'	4 ^h 53'	1 ^h 40'	21 ^h 16'	26 ^h 32'	3 ^h 57'	5 ^h 25'	7 ^h 42'	11 ^h 18'	11 ^h 21'	24 ^h 1'	14 ^h 29'								
W 10	19 12 7	17 ^h 44'14"	10 ^h 30'	6 ^h R 57'	6 ^h 1'	2 ^h 19'	21 ^h 9'	26 ^h 28'	4 ^h 0'	5 ^h 25'	7 ^h 41'	11 ^h 5'	11 ^h 18'	24 ^h 8'	14 ^h 31'								
T 11	19 16 3	18 ^h 41'29"	23 ^h 0'	6 ^h 54'	7 ^h 8'	2 ^h 57'	21 ^h 3'	26 ^h 24'	4 ^h 4'	5 ^h 26'	7 ^h 39'	10 ^h 52'	11 ^h 15'	24 ^h 14'	14 ^h 34'								
F 12	19 20 0	19 ^h 38'44"	5 ^h II 41'	6 ^h 46'	8 ^h 15'	3 ^h 35'	20 ^h 57'	26 ^h 20'	4 ^h 7'	5 ^h 27'	7 ^h 38'	10 ^h 40'	11 ^h 12'	24 ^h 21'	14 ^h 36'								
S 13	19 23 56	20 ^h 35'59"	18 ^h 33'	6 ^h 33'	9 ^h 23'	4 ^h 13'	20 ^h 52'	26 ^h 16'	4 ^h 11'	5 ^h 28'	7 ^h 37'	10 ^h 30'	11 ^h 9'	24 ^h 28'	14 ^h 38'								
S 14	19 27 53	21 ^h 33'14"	1 ^h III 38'	6 ^h 16'	10 ^h 30'	4 ^h 51'	20 ^h 46'	26 ^h 12'	4 ^h 14'	5 ^h 29'	7 ^h 36'	10 ^h 22'	11 ^h 6'	24 ^h 34'	14 ^h 40'								
M 15	19 31 49	22 ^h 30'29"	14 ^h 53'	5 ^h 54'	11 ^h 38'	5 ^h 30'	20 ^h 40'	26 ^h 8'	4 ^h 18'	5 ^h 30'	7 ^h 34'	10 ^h 18'	11 ^h 2'	24 ^h 41'	14 ^h 42'								
T 16	19 35 46	23 ^h 27'45"	28 ^h 20'	5 ^h 28'	12 ^h 46'	6 ^h 8'	20 ^h 35'	26 ^h 5'	4 ^h 21'	5 ^h 31'	7 ^h 33'	10 ^h 15'	10 ^h 59'	24 ^h 48'	14 ^h 44'								
W 17	19 39 43	24 ^h 25'01"	12 ^h 11'	4 ^h 57'	13 ^h 54'	6 ^h 46'	20 ^h 30'	26 ^h 1'	4 ^h 25'	5 ^h 32'	7 ^h 32'	10 ^h D 15'	10 ^h 56'	24 ^h 54'	14 ^h 46'								
T 18	19 43 39	25 ^h 22'17"	25 ^h 53'	4 ^h 24'	15 ^h 2'	7 ^h 24'	20 ^h 25'	25 ^h 58'	4 ^h 28'	5 ^h 32'	7 ^h 30'	10 ^h R 15'	10 ^h 53'	25 ^h 1'	14 ^h 48'								
F 19	19 47 36	26 ^h 19'33"	10 ^h III 0'	3 ^h 47'	16 ^h 10'	8 ^h 2'	20 ^h 20'	25 ^h 54'	4 ^h 32'	5 ^h 34'	7 ^h 29'	10 ^h 15'	10 ^h 50'	25 ^h 8'	14 ^h 50'								
S 20	19 51 32	27 ^h 16'50"	24 ^h 19'	3 ^h 8'	17 ^h 19'	8 ^h 40'	20 ^h 15'	25 ^h 51'	4 ^h 35'	5 ^h 35'	7 ^h 28'	10 ^h 12'	10 ^h 46'	25 ^h 15'	14 ^h 52'								
S 21	19 55 29	28 ^h 14'07"	8 ^h Y 49'	2 ^h 26'	18 ^h 27'	9 ^h 19'	20 ^h 10'	25 ^h 47'	4 ^h 38'	5 ^h 36'	7 ^h 26'	10 ^h 8'	10 ^h 43'	25 ^h 21'	14 ^h 54'								
M 22	19 59 25	29 ^h 11'24"	23 ^h 25'	1 ^h 44'	19 ^h 36'	9 ^h 57'	20 ^h 6'	25 ^h 44'	4 ^h 42'	5 ^h 37'	7 ^h 25'	10 ^h 0'	10 ^h 40'	25 ^h 28'	14 ^h 55'								
T 23	20 3 22	0 ^h II 8'42"	8 ^h 3'	1 ^h 1'	20 ^h 44'	10 ^h 35'	20 ^h 1'	25 ^h 41'	4 ^h 45'	5 ^h 38'	7 ^h 24'	9 ^h 51'	10 ^h 37'	25 ^h 35'	14 ^h 57'								
W 24	20 7 18	1 ^h 6'01"	22 ^h 31'	0 ^h 18'	21 ^h 53'	11 ^h 13'	19 ^h 57'	25 ^h 37'	4 ^h 49'	5 ^h 39'	7 ^h 22'	9 ^h 41'	10 ^h 34'	25 ^h 41'	14 ^h 59'								
T 25	20 11 15	2 ^h 3'20"	6 ^h R 46'	29 ^h 36'	23 ^h 2'	11 ^h 51'	19 ^h 53'	25 ^h 34'	4 ^h 52'	5 ^h 40'	7 ^h 21'	9 ^h 31'	10 ^h 31'	25 ^h 48'	15 ^h 0'								
F 26	20 15 12	3 ^h 0'40"	20 ^h 43'	28 ^h 56'	24 ^h 11'	12 ^h 29'	19 ^h 49'	25 ^h 31'	4 ^h 55'	5 ^h 41'	7 ^h 19'	9 ^h 22'	10 ^h 27'	25 ^h 55'	15 ^h 2'								
S 27	20 19 8	3 ^h 58'00"	4 ^h Y 16'	28 ^h 18'	25 ^h 20'	13 ^h 7'	19 ^h 45'	25 ^h 28'	4 ^h 58'	5 ^h 43'	7 ^h 18'	9 ^h 15'	10 ^h 24'	26 ^h 1'	15 ^h 3'								
S 28	20 23 5	4 ^h 55'22"	17 ^h 25'	27 ^h 44'	26 ^h 30'	13 ^h 45'	19 ^h 42'	25 ^h 25'	5 ^h 2'	5 ^h 44'	7 ^h 17'	9 ^h 11'	10 ^h 21'	26 ^h 8'	15 ^h 4'								
M 29	20 27 1	5 ^h 52'45"	0 ^h Y 11'	27 ^h 14'	27 ^h 39'	14 ^h 24'	19 ^h 39'	25 ^h 23'	5 ^h 5'	5 ^h 45'	7 ^h 15'	9 ^h 9'	10 ^h 18'	26 ^h 15'	15 ^h 6'								
T 30	20 30 58	6 ^h 50'08"	12 ^h 36'	26 ^h 48'	28 ^h 48'	15 ^h 2'	19 ^h 35'	25 ^h 20'	5 ^h 8'	5 ^h 47'	7 ^h 14'	9 ^h D 8'	10 ^h 15'	26 ^h 21'	15 ^h 7'								
W 31	20 34 54	7 ^h II 47'33"	24 ^h Y 45'	26 ^h 27'	29 ^h II 58'	15 ^h II 40'	19 ^h Y 32'	25 ^h Y 17'	5 ^h 11'	5 ^h 48'	7 ^h R 13'	9 ^h Y 9'	10 ^h Y 12'	26 ^h R 28'	15 ^h R 8'								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	23n 9	4s41	1s42	18n32	0s46	16n46	2s35	22n 0	1n 9	22s53	0n22	22s20	1n 6	23n41	0n15	0s44	1n31	24s12	6s 6	4n43	4n40	21n52	14n34	1s36
T 2	23 5	1n14	0 39	18 10	1 0	17 2	2 34	21 53	1 10	22 52	0 21	22 20	1 6	23 41	0 15	0 44	1 31	24 13	6 6	4 42	4 39	21 55	14 35	1 36
W 3	23 1	6 58	0n25	17 48	1 14	17 18	2 33	21 45	1 10	22 52	0 21	22 20	1 6	23 41	0 15	0 44	1 31	24 13	6 6	4 42	4 37	21 57	14 36	1 36
T 4	22 56	12 22	1 27	17 27	1 29	17 34	2 31	21 38	1 10	22 52	0 21	22 20	1 6	23 40	0 15	0 45	1 31	24 14	6 6	4 42	4 36	21 59	14 36	1 37
F 5	22 50	17 16	2 25	17 7	1 43	17 49	2 30	21 30	1 10	22 52	0 21	22 20	1 6	23 40	0 15	0 45	1 31	24 14	6 6	4 41	4 35	22 2	14 37	1 37
S 6	22 44	21 31	3 16	16 48	1 58	18 4	2 28	21 22	1 10	22 51	0 21	22 20	1 6	23 40	0 15	0 45	1 31	24 15	6 6	4 40	4 34	22 4	14 38	1 37
S 7	22 38	24 54	3 59	16 30	2 13	18 19	2 27	21 13	1 10	22 51	0 21	22 20	1 6	23 40	0 15	0 45	1 31	24 15	6 7	4 37	4 32	22 6	14 38	1 37
M 8	22 32	27 15	4 32	16 13	2 28	18 33	2 25	21 5	1 10	22 51	0 20	22 20	1 6	23 40	0 15	0 46	1 30	24 16	6 7	4 33	4 31	22 9	14 39	1 37
T 9	22 25	28 20	4 52	15 57	2 42	18 47	2 23	20 57	1 10	22 51	0 20	22 20	1 5	23 40	0 15	0 46	1 30	24 16	6 7	4 29	4 30	22 11	14 39	1 37
W 10	22 18	28 2	5 0	15 42	2 57	19 1	2 21	20 48	1 10	22 50	0 20	22 20	1 5	23 40	0 15	0 46	1 30	24 17	6 7	4 23	4 29	22 13	14 40	1 38
T 11	22 10	26 20	4 53	15 29	3 11	19 14	2 19	20 39	1 10	22 50	0 20	22 20	1 5	23 40	0 15	0 47	1 30	24 17	6 7					

SWISS EPHEMERIS for the year 1782

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	20 38 51	8♄44'59	6♃43	26°R12	1♁7	16♄18	19°R30	25°R15	5♁14	5♁49	7°R11	9°R10	10°Y 8	26♃35	15♃9
F 2	20 42 47	9°42'27	18°34	26♁2	2°17	16°56	19♁27	25♁12	5°18	5°51	7♁10	9°Y 9	10° 5	26°41	15°11
S 3	20 46 44	10°39'55	0♁24	25°D59	3°27	17°34	19°24	25°10	5°21	5°52	7° 8	9° 7	10° 2	26°48	15°12
S 4	20 50 41	11°37'25	12°19	26° 2	4°37	18°12	19°22	25° 7	5°24	5°54	7° 7	9° 3	9°59	26°55	15°13
M 5	20 54 37	12°34'57	24°21	26°13	5°47	18°50	19°20	25° 5	5°27	5°55	7° 6	8°56	9°56	27° 2	15°13
T 6	20 58 34	13°32'29	6♁36	26°29	6°57	19°29	19°18	25° 3	5°30	5°57	7° 4	8°48	9°52	27° 8	15°14
W 7	21 2 30	14°30'03	19° 4	26°53	8° 7	20° 7	19°16	25° 1	5°33	5°58	7° 3	8°39	9°49	27°15	15°15
T 8	21 6 27	15°27'38	1♄47	27°24	9°18	20°45	19°15	24°59	5°36	6° 0	7° 2	8°29	9°46	27°22	15°16
F 9	21 10 23	16°25'15	14°46	28° 2	10°28	21°23	19°13	24°57	5°39	6° 1	7° 0	8°20	9°43	27°28	15°17
S 10	21 14 20	17°22'52	27°59	28°46	11°38	22° 1	19°12	24°55	5°42	6° 3	6°59	8°13	9°40	27°35	15°17
S 11	21 18 16	18°20'31	11♄26	29°37	12°49	22°39	19°11	24°53	5°45	6° 4	6°57	8° 8	9°37	27°42	15°18
M12	21 22 13	19°18'10	25° 4	0♄34	14° 0	23°17	19°10	24°51	5°47	6° 6	6°56	8° 5	9°33	27°48	15°18
T 13	21 26 10	20°15'51	8♁51	1°38	15°10	23°56	19°10	24°50	5°50	6° 8	6°55	8°D 4	9°30	27°55	15°19
W14	21 30 6	21°13'33	22°46	2°48	16°21	24°34	19° 9	24°48	5°53	6° 9	6°53	8° 5	9°27	28° 2	15°19
T 15	21 34 3	22°11'16	6♄48	4° 4	17°32	25°12	19° 9	24°47	5°56	6°11	6°52	8° 6	9°24	28° 8	15°20
F 16	21 37 59	23° 9'00	20°55	5°26	18°43	25°50	19°D 9	24°46	5°59	6°13	6°51	8°R 7	9°21	28°15	15°20
S 17	21 41 56	24° 6'45	5♁7	6°52	19°54	26°28	19° 9	24°44	6° 1	6°15	6°50	8° 6	9°17	28°22	15°20
S 18	21 45 52	25° 4'31	19°21	8°24	21° 5	27° 6	19° 9	24°43	6° 4	6°16	6°48	8° 4	9°14	28°28	15°20
M19	21 49 49	26° 2'18	3♁35	10° 0	22°16	27°45	19°10	24°42	6° 7	6°18	6°47	8° 0	9°11	28°35	15°20
T 20	21 53 45	27° 0'07	17°45	11°40	23°28	28°23	19°11	24°41	6° 9	6°20	6°46	7°55	9° 8	28°42	15°R20
W21	21 57 42	27°57'57	1♁47	13°23	24°39	29° 1	19°11	24°41	6°12	6°22	6°44	7°48	9° 5	28°49	15°20
T 22	22 1 39	28°55'48	15°37	15°10	25°50	29°39	19°12	24°40	6°14	6°24	6°43	7°42	9° 2	28°55	15°20
F 23	22 5 35	29°53'40	29°13	17° 0	27° 2	0♄17	19°14	24°39	6°17	6°25	6°42	7°37	8°58	29° 2	15°20
S 24	22 9 32	0♄51'34	12♁30	18°52	28°14	0°55	19°15	24°39	6°19	6°27	6°41	7°33	8°55	29° 9	15°20
S 25	22 13 28	1°49'30	25°28	20°46	29°25	1°34	19°17	24°38	6°22	6°29	6°39	7°31	8°52	29°15	15°20
M26	22 17 25	2°47'27	8°Y 7	22°41	0♄37	2°12	19°19	24°38	6°24	6°31	6°38	7°D30	8°49	29°22	15°19
T 27	22 21 21	3°45'26	20°29	24°37	1°49	2°50	19°21	24°37	6°26	6°33	6°37	7°30	8°46	29°29	15°19
W28	22 25 18	4°43'27	2♁37	26°34	3° 1	3°28	19°23	24°37	6°29	6°35	6°36	7°32	8°43	29°35	15°18
T 29	22 29 14	5°41'30	14°35	28°31	4°13	4° 6	19°25	24°D37	6°31	6°37	6°35	7°34	8°39	29°42	15°18
F 30	22 33 11	6°39'34	26°28	0♄29	5°25	4°45	19°28	24°37	6°33	6°39	6°34	7°35	8°36	29°49	15°17
S 31	22 37 8	7♄37'41	8♁19	2♄27	6♄37	5♄23	19♁30	24♁37	6♁35	6♁41	6♁32	7°R36	8°Y33	29♁55	15♁17

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	18n 6	16n 0	2n22	17n 7	3s53	22n 3	1s25	17n 4	1n 9	22s47	0n16	22s21	1n 2	23n38	0n16	0s57	1n30	24s27	6s 9	3n38	4n 1	23n 3	14n47	1s42
F 2	17 51	20 29	3 15	17 22	3 39	22 6	1 22	16 53	1 9	22 47	0 16	22 21	1 2	23 38	0 16	0 57	1 29	24 27	6 9	3 38	4 0	23 5	14 47	1 42
S 3	17 35	24 9	3 59	17 37	3 25	22 7	1 18	16 41	1 9	22 47	0 16	22 21	1 2	23 37	0 16	0 58	1 29	24 28	6 9	3 37	3 59	23 7	14 47	1 42
S 4	17 19	26 49	4 33	17 52	3 10	22 8	1 15	16 29	1 9	22 47	0 16	22 21	1 2	23 37	0 16	0 58	1 29	24 28	6 10	3 35	3 57	23 9	14 47	1 42
M 5	17 3 28	16 4	5 56	18 6	2 54	22 9	1 12	16 17	1 9	22 47	0 16	22 21	1 2	23 37	0 16	0 59	1 29	24 28	6 10	3 33	3 56	23 11	14 47	1 42
T 6	16 47	28 23	5 5	18 18	2 37	22 8	1 9	16 5	1 9	22 47	0 16	22 21	1 1	23 37	0 16	1 0	1 29	24 29	6 10	3 30	3 55	23 13	14 47	1 43
W 7	16 30	27 4	5 0	18 30	2 21	22 8	1 6	15 53	1 9	22 47	0 15	22 21	1 1	23 37	0 16	1 0	1 29	24 29	6 10	3 26	3 54	23 16	14 48	1 43
T 8	16 13	24 21	4 41	18 41	2 4	22 6	1 3	15 41	1 9	22 47	0 15	22 21	1 1	23 37	0 16	1 1	1 29	24 30	6 10	3 22	3 52	23 18	14 48	1 43
F 9	15 56	20 21	4 6	18 50	1 47	22 4	0 59	15 29	1 9	22 47	0 15	22 21	1 1	23 37	0 16	1 2	1 29	24 30	6 10	3 19	3 51	23 20	14 48	1 43
S 10	15 39	15 17	3 18	18 57	1 31	22 2	0 56	15 16	1 9	22 47	0 15	22 22	1 1	23 37	0 16	1 2	1 29	24 30	6 10	3 16	3 50	23 22	14 48	1 43
S 11	15 21	9 25	2 18	19 3	1 14	21 59	0 53	15 4	1 9	22 47	0 15	22 22	1 1	23 37	0 16	1 3	1 29	24 31	6 10	3 14	3 49	23 24	14 48	1 44
M12	15 3 3	3 2	1 10	19 6	0 58	21 55	0 50	14 51	1 9	22 47	0 14	22 22	1 1	23 36	0 16	1 4	1 29	24 31	6 10	3 13	3 47	23 26	14 48	1 44
T 13	14 45	3s35	0s 4	19 8	0 43	21 50	0 46	14 38	1 8	22 47	0 14	22 22	1 0	23 36	0 16	1 4	1 29	24 32	6 10	3 12	3 46	23 28	14 47	1 44
W14	14 27	10 5	1 19	19 7	0 27	21 45	0 43	14 26	1 8	22 47	0 14	22 22	1 0	23 36	0 16	1 5	1 29	24 32	6 10	3 13	3 45	23 31	14 47	1 44
T 15	14 8	16 9	2 29	19 3	0 13	21 40	0 40	14 13	1 8	22 48	0 14	22 22	1 0	23 36	0 16	1 6	1 29	24 32	6 10	3 13	3 44	23 33	14 47	1 44
F 16	13 49	21 23	3 31	18 57	0n 1	21 33	0 37	14 0	1 8	22 48	0 14	22 22	1 0	23 36	0 16	1 6	1 29	24 33	6 10	3 13	3 42	23 35	14 47	1 45
S 17	13 30	25 26	4 20	18 49	0 14	21 27	0 33	13 47	1 8	22 48	0 14	22 22	1 0	23 36	0 16	1 7	1 29	24 33	6 10	3 13	3 41	23 37	14 47	1 45
S 18	13 11	27 55	4 53	18 37	0 27	21 19	0 30	13 33	1 8	22 48	0 13	22 22	1 0	23 36	0 16	1 8	1 29	24 33	6 10	3 12	3 40	23 39	14 47	1 45
M19	12 51	28 33	5 8	18 23	0 39	21 11	0 27	13 20	1 8	22 48	0 13	22 23	0 59	23 36	0 16	1 9	1 29	24 34	6 10	3 11	3 39	23 41	14 47	1 45
T 20	12 32	27 19	5 5	18 6	0 49	21 2	0 24	13 7	1 8	22 49	0 13	22 23	0 59	23 36	0 16	1 9	1 29	24 34	6 10	3 9	3 37	23 43	14 47	1 45
W21	12 12	24 23	4 43	17 46	0 59	20 53	0 20	12 53	1 8	22 49	0 13	22 23	0 59	23 36	0 16	1 10	1 29	24 34	6 10	3 6	3 36	23 45	14 46	1 46
T 22	11 52	20 4	4 5	17 23	1 8	20 43	0 17	12 40	1 8	22 49	0 13	22 23	0 59	23 35	0 16	1 11	1 29	24 35	6 10	3 4	3 35	23 47	14 46	1 46
F 23	11 31	14 47	3 13	16 58	1 16	20 33	0 14	12 26	1 7	22 49	0 13	22 23	0 59	23 35	0 16	1 12	1 29	24 35	6 10	3 1	3 34	23 49	14 46	1 46
S 24	11 11	8 55	2 12	16 30	1 23	20 22	0 11	12 13	1 7	22 50	0 13	22 23	0 59	23 35	0 16	1 12	1 29	24 35	6 10	3 0	3 32	23 51	14 46	1 46
S 25	10 50	2 48	1 5	16 0	1 29	20 10	0 8	11 59	1 7	22 50	0 12	22 23	0 58	23 35	0 16	1 13	1 29	24 36	6 10	2 59	3 31	23 53	14 45	1 46
M26	10 30	3n16	0n 3	15 27	1 34	19 58	0 5	11 45	1 7	22 50	0 12	22 24	0 58	23 35	0 16	1 14	1 29	24 36	6 10	2 59	3 30	23 55	14 45	1 47
T 27	10 9	9 6	1 10	14 53	1 38	19 45	0 1	11 31	1 7	22 50	0 12	22 24	0 58	23 35	0 16	1 15	1 29	24 36	6 10	2 59	3 29	23 57	14 45	1 47
W28	9 47	14 29	2 13	14 16	1 42	19 32	0n 2	11 17	1 7	22 51	0 12	22 24	0 58	23 35	0 16	1 16	1 29	24 37	6 10	3 0	3 27	23 59	14 44	1 47
T 29	9 26	19 15	3 9	13 38	1 44	19 18	0 5	11 3	1 7	22 51	0 12	22 24												

SWISS EPHEMERIS for the year 1782

SEPTEMBER 1782

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	22 41 4	8 ^m 35'50	20 ^{II} 15	4 ^m 24	7 ^Ω 49	6 ^m 1	19 [♂] 33	24 [♂] 38	6 [♁] 37	6 [♁] 43	6 ^R 31	7 ^R 35	8 ^Υ 30	0 ^{II} 2	15 ^R 16
M 2	22 45 1	9 ^o 34'00	2 [♁] 19	6 ^o 20	9 ^o 2	6 ^o 39	19 [♂] 36	24 [♂] 38	6 ^o 39	6 ^o 45	6 [♁] 30	7 ^Υ 33	8 ^o 27	0 ^o 9	15 [♁] 15
T 3	22 48 57	10 ^o 32'13	14 ^o 36	8 ^o 16	10 ^o 14	7 ^o 18	19 [♂] 39	24 [♂] 38	6 ^o 41	6 ^o 47	6 ^o 29	7 ^o 30	8 ^o 23	0 ^o 16	15 ^o 14
W 4	22 52 54	11 ^o 30'28	27 ^o 10	10 ^o 12	11 ^o 26	7 ^o 56	19 [♂] 43	24 [♂] 39	6 ^o 43	6 ^o 49	6 ^o 28	7 ^o 26	8 ^o 20	0 ^o 22	15 ^o 14
T 5	22 56 50	12 ^o 28'44	10 ^Ω 2	12 ^o 6	12 ^o 39	8 ^o 34	19 [♂] 46	24 [♂] 39	6 ^o 45	6 ^o 51	6 ^o 27	7 ^o 22	8 ^o 17	0 ^o 29	15 ^o 13
F 6	23 0 47	13 ^o 27'03	23 ^o 14	14 ^o 0	13 ^o 51	9 ^o 12	19 [♂] 50	24 [♂] 40	6 ^o 47	6 ^o 53	6 ^o 26	7 ^o 18	8 ^o 14	0 ^o 36	15 ^o 12
S 7	23 4 43	14 ^o 25'23	6 ^m 46	15 ^o 52	15 ^o 4	9 ^o 51	19 [♂] 54	24 [♂] 41	6 ^o 49	6 ^o 55	6 ^o 25	7 ^o 16	8 ^o 11	0 ^o 42	15 ^o 11
S 8	23 8 40	15 ^o 23'45	20 ^o 35	17 ^o 44	16 ^o 17	10 ^o 29	19 [♂] 58	24 [♂] 42	6 ^o 51	6 ^o 57	6 ^o 24	7 ^o 14	8 ^o 8	0 ^o 49	15 ^o 9
M 9	23 12 37	16 ^o 22'09	4 [♁] 39	19 ^o 35	17 ^o 29	11 ^o 7	20 ^o 3	24 [♂] 43	6 ^o 53	7 ^o 0	6 ^o 23	7 ^o D13	8 ^o 4	0 ^o 56	15 ^o 8
T 10	23 16 33	17 ^o 20'35	18 ^o 53	21 ^o 24	18 ^o 42	11 ^o 46	20 ^o 7	24 [♂] 44	6 ^o 54	7 ^o 2	6 ^o 22	7 ^o 13	8 ^o 1	1 ^o 2	15 ^o 7
W 11	23 20 30	18 ^o 19'02	3 [♁] 13	23 ^o 12	19 ^o 55	12 ^o 24	20 ^o 12	24 [♂] 45	6 ^o 56	7 ^o 4	6 ^o 21	7 ^o 14	7 ^o 58	1 ^o 9	15 ^o 6
T 12	23 24 26	19 ^o 17'32	17 ^o 34	25 ^o 0	21 ^o 8	13 ^o 2	20 ^o 16	24 [♂] 46	6 ^o 58	7 ^o 6	6 ^o 20	7 ^o 15	7 ^o 55	1 ^o 16	15 ^o 4
F 13	23 28 23	20 ^o 16'02	1 [♁] 54	26 ^o 46	22 ^o 21	13 ^o 41	20 ^o 21	24 [♂] 48	6 ^o 59	7 ^o 8	6 ^o 19	7 ^o 17	7 ^o 52	1 ^o 22	15 ^o 3
S 14	23 32 19	21 ^o 14'35	16 ^o 9	28 ^o 31	23 ^o 34	14 ^o 19	20 ^o 27	24 [♂] 49	7 ^o 1	7 ^o 10	6 ^o 18	7 ^o R17	7 ^o 49	1 ^o 29	15 ^o 2
S 15	23 36 16	22 ^o 13'09	0 [♁] 17	0 [♁] 15	24 ^o 47	14 ^o 57	20 ^o 32	24 [♂] 51	7 ^o 2	7 ^o 12	6 ^o 17	7 ^o 17	7 ^o 45	1 ^o 36	15 ^o 0
M 16	23 40 12	23 ^o 11'45	14 ^o 16	1 ^o 58	26 ^o 1	15 ^o 36	20 ^o 37	24 [♂] 53	7 ^o 4	7 ^o 15	6 ^o 16	7 ^o 16	7 ^o 42	1 ^o 43	14 ^o 59
T 17	23 44 9	24 ^o 10'22	28 ^o 5	3 ^o 41	27 ^o 14	16 ^o 14	20 ^o 43	24 [♂] 54	7 ^o 5	7 ^o 17	6 ^o 16	7 ^o 15	7 ^o 39	1 ^o 49	14 ^o 57
W 18	23 48 6	25 ^o 9'01	11 [♁] 41	5 ^o 22	28 ^o 27	16 ^o 53	20 ^o 49	24 [♂] 56	7 ^o 6	7 ^o 19	6 ^o 15	7 ^o 13	7 ^o 36	1 ^o 56	14 ^o 55
T 19	23 52 2	26 ^o 7'42	25 ^o 5	7 ^o 2	29 ^o 40	17 ^o 31	20 ^o 55	24 [♂] 58	7 ^o 8	7 ^o 21	6 ^o 14	7 ^o 12	7 ^o 33	2 ^o 3	14 ^o 54
F 20	23 55 59	27 ^o 6'25	8 [♁] 14	8 ^o 41	0 ^m 54	18 ^o 9	21 ^o 1	25 ^o 0	7 ^o 9	7 ^o 23	6 ^o 13	7 ^o 11	7 ^o 29	2 ^o 9	14 ^o 52
S 21	23 59 55	28 ^o 5'09	21 ^o 10	10 ^o 19	2 ^o 7	18 ^o 48	21 ^o 7	25 ^o 2	7 ^o 10	7 ^o 26	6 ^o 13	7 ^o 10	7 ^o 26	2 ^o 16	14 ^o 50
S 22	0 3 52	29 ^o 3'55	3 ^Υ 51	11 ^o 56	3 ^o 21	19 ^o 26	21 ^o 13	25 ^o 5	7 ^o 11	7 ^o 28	6 ^o 12	7 ^o D9	7 ^o 23	2 ^o 23	14 ^o 48
M 23	0 7 48	0 [♁] 24	16 ^o 19	13 ^o 32	4 ^o 34	20 ^o 5	21 ^o 20	25 ^o 7	7 ^o 12	7 ^o 30	6 ^o 11	7 ^o 10	7 ^o 20	2 ^o 29	14 ^o 46
T 24	0 11 45	1 ^o 1'34	28 ^o 33	15 ^o 7	5 ^o 48	20 ^o 43	21 ^o 27	25 ^o 9	7 ^o 13	7 ^o 32	6 ^o 10	7 ^o 10	7 ^o 17	2 ^o 36	14 ^o 44
W 25	0 15 41	2 ^o 0'27	10 [♁] 38	16 ^o 42	7 ^o 2	21 ^o 22	21 ^o 33	25 ^o 12	7 ^o 14	7 ^o 34	6 ^o 10	7 ^o 10	7 ^o 14	2 ^o 43	14 ^o 42
T 26	0 19 38	2 ^o 59'22	22 ^o 34	18 ^o 15	8 ^o 15	22 ^o 0	21 ^o 40	25 ^o 14	7 ^o 15	7 ^o 37	6 ^o 9	7 ^o 11	7 ^o 10	2 ^o 50	14 ^o 40
F 27	0 23 34	3 ^o 58'19	4 ^{II} 26	19 ^o 48	9 ^o 29	22 ^o 39	21 ^o 48	25 ^o 17	7 ^o 16	7 ^o 39	6 ^o 9	7 ^o 11	7 ^o 7	2 ^o 56	14 ^o 38
S 28	0 27 31	4 ^o 57'18	16 ^o 17	21 ^o 20	10 ^o 43	23 ^o 17	21 ^o 55	25 ^o 20	7 ^o 17	7 ^o 41	6 ^o 8	7 ^o 12	7 ^o 4	3 ^o 3	14 ^o 36
S 29	0 31 28	5 ^o 56'20	28 ^o 12	22 ^o 51	11 ^o 57	23 ^o 56	22 ^o 2	25 ^o 23	7 ^o 18	7 ^o 43	6 ^o 7	7 ^o 12	7 ^o 1	3 ^o 10	14 ^o 34
M 30	0 35 24	6 ^o 55'24	10 [♁] 14	24 ^o 21	13 ^o 11	24 ^o 34	22 ^o ♂10	25 ^o ♂26	7 ^o ♁19	7 ^o ♁46	6 ^o ♁7	7 ^o Υ12	6 ^o Υ58	3 ^{II} 16	14 ^o ♁31

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	8n21	28n 5	4n59	11n34	1n47	18n33	0n14	10n21	1n 6	22s52	0n11	22s25	0n57	23n35	0n16	1s19	1n29	24s38	6s10	3n 1	3n22	24n 7	14n43	1s48
M 2	8 0	28 39	5 12	10 51	1 47	18 17	0 17	10 6	1 6	22 53	0 11	22 25	0 57	23 34	0 16	1 20	1 29	24 38	6 10	3 0	3 21	24 9	14 43	1 48
T 3	7 38	27 49	5 11	10 6	1 45	18 1	0 19	9 52	1 6	22 53	0 11	22 25	0 57	23 34	0 16	1 20	1 29	24 38	6 10	2 59	3 20	24 11	14 42	1 48
W 4	7 15	25 35	4 55	9 21	1 44	17 44	0 22	9 38	1 6	22 53	0 11	22 25	0 57	23 34	0 16	1 21	1 29	24 39	6 10	2 57	3 19	24 13	14 42	1 48
T 5	6 53	21 59	4 24	8 35	1 41	17 26	0 25	9 23	1 6	22 54	0 11	22 25	0 56	23 34	0 16	1 22	1 29	24 39	6 10	2 56	3 17	24 15	14 41	1 48
F 6	6 31	17 14	3 39	7 49	1 39	17 8	0 28	9 8	1 6	22 54	0 11	22 25	0 56	23 34	0 16	1 23	1 29	24 39	6 10	2 54	3 16	24 17	14 41	1 49
S 7	6 8	11 31	2 40	7 2	1 35	16 49	0 31	8 54	1 5	22 55	0 10	22 26	0 56	23 34	0 16	1 24	1 29	24 39	6 10	2 53	3 15	24 19	14 40	1 49
S 8	5 46	5 7	1 30	6 15	1 32	16 30	0 33	8 39	1 5	22 55	0 10	22 26	0 56	23 34	0 16	1 25	1 29	24 40	6 10	2 52	3 14	24 21	14 40	1 49
M 9	5 23	1s38	0 14	5 28	1 27	16 11	0 36	8 25	1 5	22 56	0 10	22 26	0 56	23 34	0 16	1 25	1 29	24 40	6 10	2 52	3 12	24 23	14 39	1 49
T 10	5 0	8 23	1s 4	4 41	1 23	15 51	0 39	8 10	1 5	22 56	0 10	22 26	0 56	23 34	0 16	1 26	1 29	24 40	6 10	2 52	3 11	24 25	14 39	1 49
W 11	4 38	14 46	2 19	3 54	1 18	15 30	0 41	7 55	1 5	22 57	0 10	22 27	0 55	23 34	0 16	1 27	1 29	24 40	6 10	2 53	3 10	24 27	14 38	1 50
T 12	4 15	20 22	3 25	3 6	1 13	15 10	0 44	7 40	1 5	22 57	0 10	22 27	0 55	23 34	0 17	1 28	1 29	24 40	6 10	2 53	3 9	24 29	14 38	1 50
F 13	3 52	24 47	4 18	2 19	1 7	14 48	0 46	7 25	1 5	22 58	0 9	22 27	0 55	23 34	0 17	1 29	1 29	24 41	6 10	2 53	3 7	24 31	14 37	1 50
S 14	3 29	27 38	4 55	1 32	1 2	14 27	0 48	7 10	1 4	22 58	0 9	22 27	0 55	23 34	0 17	1 30	1 29	24 41	6 10	2 54	3 6	24 33	14 36	1 50
S 15	3 5	28 42	5 14	0 45	0 56	14 4	0 51	6 55	1 4	22 59	0 9	22 27	0 55	23 34	0 17	1 30	1 29	24 41	6 10	2 54	3 5	24 35	14 36	1 50
M 16	2 42	27 54	5 14	0s 2	0 50	13 42	0 53	6 40	1 4	22 59	0 9	22 28	0 55	23 33	0 17	1 31	1 29	24 41	6 10	2 53	3 4	24 37	14 35	1 51
T 17	2 19	25 24	4 55	0 48	0 43	13 19	0 55	6 25	1 4	23 0	0 9	22 28	0 54	23 33	0 17	1 32	1 29	24 41	6 9	2 53	3 2	24 38	14 35	1 51
W 18	1 56	21 29	4 21	1 34	0 37	12 55	0 57	6 10	1 4	23 0	0 9	22 28	0 54	23 33	0 17	1 33	1 29	24 41	6 9	2 52	3 1	24 40	14 34	1 51
T 19	1 32	16 31	3 32	2 20	0 30	12 32	1 0	5 55	1 3	23 1	0 9	22 28	0 54	23 33	0 17	1 34	1 29	24 42	6 9	2 52	3 0	24 42	14 33	1 51
F 20	1 9																							

SWISS EPHEMERIS for the year 1782

OCTOBER 1782

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	0 39 21	7 ^h 54'30	22 ^h 30	25 ^h 50	14 ^h 25	25 ^h 13	22 ^h 18	25 ^h 29	7 ^h 19	7 ^h 48	6 ^h R 6	7 ^h Y12	6 ^h Y55	3 ^h II23	14 ^h R29	
W 2	0 43 17	8 ^h 53'39	5 ^h Ω 2	27 ^h 18	15 ^h 39	25 ^h 51	22 ^h 25	25 ^h 32	7 ^h 20	7 ^h 50	6 ^h R 6	7 ^h 12	6 ^h 51	3 ^h 30	14 ^h R27	
T 3	0 47 14	9 ^h 52'50	17 ^h 56	28 ^h 46	16 ^h 53	26 ^h 30	22 ^h 33	25 ^h 35	7 ^h 21	7 ^h 52	6 ^h 5	7 ^h 12	6 ^h 48	3 ^h 36	14 ^h 24	
F 4	0 51 10	10 ^h 52'03	1 ^h 17 12	0 ^h 11 12	18 ^h 7	27 ^h 8	22 ^h 41	25 ^h 39	7 ^h 21	7 ^h 55	6 ^h 5	7 ^h 12	6 ^h 45	3 ^h 43	14 ^h 22	
S 5	0 55 7	11 ^h 51'19	14 ^h 53	1 ^h 38	19 ^h 22	27 ^h 47	22 ^h 50	25 ^h 42	7 ^h 21	7 ^h 57	6 ^h 5	7 ^h 13	6 ^h 42	3 ^h 50	14 ^h 20	
S 6	0 59 3	12 ^h 50'36	28 ^h 58	3 ^h 3	20 ^h 36	28 ^h 26	22 ^h 58	25 ^h 45	7 ^h 22	7 ^h 59	6 ^h 4	7 ^h 13	6 ^h 39	3 ^h 57	14 ^h 17	
M 7	1 3 0	13 ^h 49'56	13 ^h Ω 22	4 ^h 27	21 ^h 50	29 ^h 4	23 ^h 7	25 ^h 49	7 ^h 22	8 ^h 1	6 ^h 4	7 ^h R13	6 ^h 35	4 ^h 3	14 ^h 15	
T 8	1 6 57	14 ^h 49'18	28 ^h 1	5 ^h 49	23 ^h 4	29 ^h 43	23 ^h 15	25 ^h 53	7 ^h 23	8 ^h 3	6 ^h 4	7 ^h 13	6 ^h 32	4 ^h 10	14 ^h 12	
W 9	1 10 53	15 ^h 48'41	12 ^h 11 49	7 ^h 11	24 ^h 19	0 ^h Ω 22	23 ^h 24	25 ^h 56	7 ^h 23	8 ^h 6	6 ^h 3	7 ^h 12	6 ^h 29	4 ^h 17	14 ^h 9	
T 10	1 14 50	16 ^h 48'07	27 ^h 38	8 ^h 32	25 ^h 33	1 ^h 0	23 ^h 33	26 ^h 0	7 ^h 23	8 ^h 8	6 ^h 3	7 ^h 11	6 ^h 26	4 ^h 23	14 ^h 7	
F 11	1 18 46	17 ^h 47'35	12 ^h 17 20	9 ^h 52	26 ^h 48	1 ^h 39	23 ^h 42	26 ^h 4	7 ^h 23	8 ^h 10	6 ^h 3	7 ^h 10	6 ^h 23	4 ^h 30	14 ^h 4	
S 12	1 22 43	18 ^h 47'04	26 ^h 49	11 ^h 10	28 ^h 2	2 ^h 18	23 ^h 51	26 ^h 8	7 ^h 23	8 ^h 12	6 ^h 3	7 ^h 9	6 ^h 20	4 ^h 37	14 ^h 1	
S 13	1 26 39	19 ^h 46'36	11 ^h Ω 3	12 ^h 27	29 ^h 17	2 ^h 56	24 ^h 0	26 ^h 12	7 ^h R23	8 ^h 15	6 ^h 2	7 ^h 8	6 ^h 16	4 ^h 43	13 ^h 59	
M14	1 30 36	20 ^h 46'09	24 ^h 59	13 ^h 43	0 ^h Ω 31	3 ^h 35	24 ^h 10	26 ^h 16	7 ^h 23	8 ^h 17	6 ^h 2	7 ^h D 8	6 ^h 13	4 ^h 50	13 ^h 56	
T 15	1 34 32	21 ^h 45'43	8 ^h Ω 35	14 ^h 58	1 ^h 46	4 ^h 14	24 ^h 19	26 ^h 20	7 ^h 23	8 ^h 19	6 ^h 2	7 ^h 8	6 ^h 10	4 ^h 57	13 ^h 53	
W16	1 38 29	22 ^h 45'19	21 ^h 54	16 ^h 11	3 ^h 0	4 ^h 53	24 ^h 29	26 ^h 25	7 ^h 23	8 ^h 21	6 ^h 2	7 ^h 10	6 ^h 7	5 ^h 4	13 ^h 50	
T 17	1 42 26	23 ^h 44'57	4 ^h Ω 56	17 ^h 22	4 ^h 15	5 ^h 31	24 ^h 38	26 ^h 29	7 ^h 23	8 ^h 23	6 ^h 2	7 ^h 11	6 ^h 4	5 ^h 10	13 ^h 47	
F 18	1 46 22	24 ^h 44'37	17 ^h 54	18 ^h 31	5 ^h 30	6 ^h 10	24 ^h 48	26 ^h 33	7 ^h 23	8 ^h 25	6 ^h 2	7 ^h 12	6 ^h 0	5 ^h 17	13 ^h 45	
S 19	1 50 19	25 ^h 44'19	0 ^h Y18	19 ^h 39	6 ^h 44	6 ^h 49	24 ^h 58	26 ^h 38	7 ^h 22	8 ^h 28	6 ^h D 2	7 ^h 13	5 ^h 57	5 ^h 24	13 ^h 42	
S 20	1 54 15	26 ^h 44'02	12 ^h 42	20 ^h 44	7 ^h 59	7 ^h 28	25 ^h 8	26 ^h 42	7 ^h 22	8 ^h 30	6 ^h 2	7 ^h R13	5 ^h 54	5 ^h 30	13 ^h 39	
M21	1 58 12	27 ^h 43'48	24 ^h 55	21 ^h 47	9 ^h 14	8 ^h 7	25 ^h 18	26 ^h 47	7 ^h 22	8 ^h 32	6 ^h 2	7 ^h 12	5 ^h 51	5 ^h 37	13 ^h 36	
T 22	2 2 8	28 ^h 43'35	7 ^h Ω 1	22 ^h 47	10 ^h 29	8 ^h 46	25 ^h 29	26 ^h 52	7 ^h 21	8 ^h 34	6 ^h 2	7 ^h 10	5 ^h 48	5 ^h 44	13 ^h 33	
W23	2 6 5	29 ^h 43'25	18 ^h 59	23 ^h 44	11 ^h 44	9 ^h 24	25 ^h 39	26 ^h 57	7 ^h 21	8 ^h 36	6 ^h 2	7 ^h 7	5 ^h 45	5 ^h 50	13 ^h 30	
T 24	2 10 1	0 ^h 11 43'16	0 ^h II 53	24 ^h 38	12 ^h 58	10 ^h 3	25 ^h 49	27 ^h 1	7 ^h 20	8 ^h 38	6 ^h 2	7 ^h 3	5 ^h 41	5 ^h 57	13 ^h 27	
F 25	2 13 58	1 ^h 43'10	12 ^h 44	25 ^h 29	14 ^h 13	10 ^h 42	26 ^h 0	27 ^h 6	7 ^h 20	8 ^h 40	6 ^h 2	6 ^h 59	5 ^h 38	6 ^h 4	13 ^h 24	
S 26	2 17 55	2 ^h 43'06	24 ^h 35	26 ^h 15	15 ^h 28	11 ^h 21	26 ^h 11	27 ^h 11	7 ^h 19	8 ^h 42	6 ^h 2	6 ^h 54	5 ^h 35	6 ^h 11	13 ^h 21	
S 27	2 21 51	3 ^h 43'03	6 ^h Ω 29	26 ^h 57	16 ^h 43	12 ^h 0	26 ^h 21	27 ^h 16	7 ^h 18	8 ^h 44	6 ^h 3	6 ^h 51	5 ^h 32	6 ^h 17	13 ^h 18	
M28	2 25 48	4 ^h 43'04	18 ^h 30	27 ^h 34	17 ^h 58	12 ^h 39	26 ^h 32	27 ^h 22	7 ^h 17	8 ^h 47	6 ^h 3	6 ^h 48	5 ^h 29	6 ^h 24	13 ^h 15	
T 29	2 29 44	5 ^h 43'06	0 ^h Ω 42	28 ^h 5	19 ^h 13	13 ^h 18	26 ^h 43	27 ^h 27	7 ^h 17	8 ^h 49	6 ^h 3	6 ^h D47	5 ^h 26	6 ^h 31	13 ^h 12	
W30	2 33 41	6 ^h 43'10	13 ^h 9	28 ^h 30	20 ^h 28	13 ^h 57	26 ^h 54	27 ^h 32	7 ^h 16	8 ^h 51	6 ^h 3	6 ^h 47	5 ^h 22	6 ^h 37	13 ^h 9	
T 31	2 37 37	7 ^h 11 43'16	25 ^h Ω 57	28 ^h 11 49	21 ^h Ω 43	14 ^h Ω 36	27 ^h 5	27 ^h 37	7 ^h Ω 15	8 ^h Ω 53	6 ^h Ω 4	6 ^h Y48	5 ^h Y19	6 ^h II44	13 ^h Ω 5	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	3s 8	26n37	5n 6	10s51	0s55	7n22	1n20	2n50	1n 1	23s 8	0n 7	22s31	0n52	23n33	0n17	1s44
W 2	3 32	23 34	4 41	11 30	1 2	6 55	1 21	2 35	1 1	1 23 8	0 7	22 32	0 52	23 33	0 17	1 45
T 3	3 55	19 17	4 1	12 8	1 10	6 27	1 22	2 19	1 1	1 23 9	0 7	22 32	0 52	23 33	0 17	1 46
F 4	4 14	18 13	3 7	12 45	1 17	5 59	1 24	2 4	1 0	23 9	0 7	22 32	0 52	23 33	0 17	1 47
S 5	4 42	17 49	2 1	13 22	1 24	5 31	1 25	1 48	1 0	23 10	0 7	22 32	0 52	23 33	0 17	1 48
S 6	5 5	1 7	0 46	13 58	1 31	5 3	1 26	1 33	1 0	23 11	0 6	22 33	0 51	23 33	0 17	1 49
M 7	5 28	5s48	0s34	14 33	1 37	4 34	1 27	1 17	1 0	23 11	0 6	22 33	0 51	23 33	0 17	1 50
T 8	5 51	12 32	1 53	15 7	1 44	4 5	1 27	1 1	0 59	23 12	0 6	22 33	0 51	23 33	0 17	1 51
W 9	6 14	18 38	3 5	15 40	1 51	3 37	1 28	0 46	0 59	23 12	0 6	22 33	0 51	23 33	0 17	1 51
T 10	6 37	23 37	4 4	16 13	1 57	3 8	1 29	0 30	0 59	23 13	0 6	22 34	0 51	23 33	0 17	1 52
F 11	6 59	27 3	4 47	16 44	2 3	2 39	1 30	0 14	0 59	23 13	0 6	22 34	0 51	23 33	0 17	1 53
S 12	7 22	28 37	5 11	17 15	2 9	2 10	1 30	0s 1	0 59	23 14	0 6	22 34	0 51	23 33	0 17	1 54
S 13	7 45	28 15	5 16	17 44	2 15	1 40	1 31	0 17	0 58	23 15	0 6	22 34	0 50	23 33	0 17	1 55
M14	8 7	26 6	5 1	18 13	2 21	1 11	1 31	0 32	0 58	23 15	0 5	22 35	0 50	23 33	0 17	1 56
T 15	8 29	22 29	4 30	18 40	2 26	0 42	1 31	0 48	0 58	23 16	0 5	22 35	0 50	23 33	0 17	1 57
W16	8 52	17 46	3 45	19 6	2 31	0 12	1 32	1 4	0 57	23 16	0 5	22 35	0 50	23 33	0 17	1 57
T 17	9 14	12 20	2 49	19 31	2 36	0s17	1 32	1 19	0 57	23 17	0 5	22 36	0 50	23 33	0 17	1 58
F 18	9 36	6 28	1 46	19 55	2 40	0 47	1 32	1 35	0 57	23 17	0 5	22 36	0 50	23 33	0 17	1 59
S 19	9 58	0 28	0 38	20 18	2 44	1 16	1 32	1 51	0 57	23 18	0 5	22 36	0 50	23 33	0 17	2 0
S 20	10 19	5n29	0n30	20 39	2 48	1 46	1 32	2 6	0 56	23 18	0 5	22 36	0 49	23 33	0 17	2 1
M21	10 41	11 9	1 36	20 59	2 51	1 15	1 32	2 22	0 56	23 19	0 5	22 37	0 49	23 33	0 17	2 2
T 22	11 2	16 20	2 37	21 17	2 54	2 45	1 32	2 37	0 56	23 19	0 4	22 37	0 49	23 33	0 17	2 2
W23	11 23	20 51	3 30	21 34	2 56	3 14	1 32	2 53	0 56	23 20	0 4	22 37	0 49	23 33	0 18	2 3
T 24	11 44	24 29	4 13	21 49	2 57	3 44	1 31	3 8	0 55	23 20	0 4	22 37	0 49	23 34	0 18	2 4
F 25	12 5	27 5	4 46	22 2	2 58	4 13	1 31	3 24	0 55	23 20	0 4	22 38	0 49	23 34	0 18	2 5
S 26	12 26	28 27	5 6	22 14	2 58	4 42	1 31	3 39	0 55	23 21	0 4	22 38	0 49	23 34	0 18	2 6

SWISS EPHEMERIS for the year 1782

NOVEMBER 1782

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
F 1	2 41 34	8♌43'25	9♍ 8	29♌ 0	22♌58	15♌15	27♌17	27♌43	7°R14	8♌55	6♌ 4	6♌50	5♌16	6♌51	13°R 2
S 2	2 45 30	9°43'36	22°46	29°R 4	24°14	15°54	27°28	27°48	7♌13	8°57	6° 4	6°51	5°13	6°58	12♌59
S 3	2 49 27	10°43'48	6♌51	28°58	25°29	16°33	27°39	27°54	7°12	8°59	6° 5	6°R52	5°10	7° 4	12°56
M 4	2 53 24	11°44'03	21°23	28°44	26°44	17°12	27°51	27°59	7°11	9° 1	6° 5	6°51	5° 6	7°11	12°53
T 5	2 57 20	12°44'19	6♌17	28°19	27°59	17°51	28° 2	28° 5	7°10	9° 3	6° 6	6°49	5° 3	7°18	12°50
W 6	3 1 17	13°44'38	21°25	27°45	29°14	18°31	28°14	28°10	7° 8	9° 4	6° 6	6°44	5° 0	7°24	12°47
T 7	3 5 13	14°44'58	6♌37	27° 1	0♌29	19°10	28°26	28°16	7° 7	9° 6	6° 7	6°39	4°57	7°31	12°44
F 8	3 9 10	15°45'20	21°43	26° 7	1°45	19°49	28°38	28°22	7° 6	9° 8	6° 7	6°33	4°54	7°38	12°41
S 9	3 13 6	16°45'43	6♌34	25° 5	3° 0	20°28	28°50	28°28	7° 4	9°10	6° 8	6°27	4°51	7°44	12°37
S 10	3 17 3	17°46'08	21° 3	23°55	4°15	21° 7	29° 1	28°34	7° 3	9°12	6° 8	6°23	4°47	7°51	12°34
M11	3 20 59	18°46'34	5♌ 6	22°39	5°30	21°46	29°14	28°40	7° 2	9°14	6° 9	6°20	4°44	7°58	12°31
T 12	3 24 56	19°47'01	18°43	21°19	6°46	22°26	29°26	28°46	7° 0	9°16	6°10	6°D19	4°41	8° 5	12°28
W13	3 28 53	20°47'30	1♌56	19°58	8° 1	23° 5	29°38	28°52	6°59	9°17	6°10	6°20	4°38	8°11	12°25
T 14	3 32 49	21°48'00	14°47	18°39	9°16	23°44	29°50	28°58	6°57	9°19	6°11	6°21	4°35	8°18	12°22
F 15	3 36 46	22°48'31	27°21	17°24	10°32	24°23	0♌ 2	29° 4	6°55	9°21	6°12	6°22	4°32	8°25	12°19
S 16	3 40 42	23°49'03	9♌41	16°15	11°47	25° 3	0°15	29°10	6°54	9°23	6°13	6°R23	4°28	8°31	12°16
S 17	3 44 39	24°49'37	21°50	15°14	13° 2	25°42	0°27	29°16	6°52	9°24	6°13	6°21	4°25	8°38	12°13
M18	3 48 35	25°50'12	3♌52	14°24	14°18	26°21	0°40	29°22	6°50	9°26	6°14	6°17	4°22	8°45	12°10
T 19	3 52 32	26°50'49	15°48	13°45	15°33	27° 1	0°52	29°29	6°49	9°28	6°15	6°11	4°19	8°52	12° 7
W20	3 56 28	27°51'27	27°42	13°17	16°48	27°40	1° 5	29°35	6°47	9°29	6°16	6° 3	4°16	8°58	12° 4
T 21	4 0 25	28°52'06	9♌34	13° 2	18° 4	28°19	1°18	29°41	6°45	9°31	6°17	5°53	4°12	9° 5	12° 1
F 22	4 4 22	29°52'47	21°26	12°D57	19°19	28°59	1°30	29°48	6°43	9°33	6°18	5°42	4° 9	9°12	11°58
S 23	4 8 18	0♌53'30	3♌19	13° 3	20°35	29°38	1°43	29°54	6°41	9°34	6°19	5°31	4° 6	9°18	11°55
S 24	4 12 15	1°54'14	15°16	13°20	21°50	0♌17	1°56	0♌ 1	6°39	9°36	6°20	5°21	4° 3	9°25	11°52
M25	4 16 11	2°54'59	27°18	13°45	23° 6	0°57	2° 9	0° 7	6°37	9°37	6°21	5°13	4° 0	9°32	11°49
T 26	4 20 8	3°55'46	9♌30	14°19	24°21	1°36	2°22	0°14	6°35	9°39	6°22	5° 7	3°57	9°39	11°46
W27	4 24 4	4°56'34	21°54	15° 0	25°36	2°16	2°35	0°20	6°33	9°40	6°23	5° 4	3°53	9°45	11°44
T 28	4 28 1	5°57'24	4♌36	15°48	26°52	2°55	2°48	0°27	6°31	9°42	6°24	5°D 3	3°50	9°52	11°41
F 29	4 31 58	6°58'15	17°38	16°42	28° 7	3°35	3° 1	0°34	6°29	9°43	6°25	5° 4	3°47	9°59	11°38
S 30	4 35 54	7♌59'07	1♌ 6	17♌41	29♌23	4♌14	3♌14	0♌40	6♌27	9♌44	6♌26	5°R 4	3♌44	10♌ 5	11♌35

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14s26	10n24	2n26	22s34	2s40	7s36	1n27	5s12	0n53	23s23	0n 3	22s39	0n48	23n34	0n18
S 2	14 45	4 3	1 16	22 27	2 33	8 4	1 26	5 27	0 53	23 23	0 3	22 39	0 48	23 34	0 18
S 3	15 4	2s44	0 0	22 18	2 24	8 33	1 25	5 43	0 52	23 24	0 3	22 40	0 48	23 34	0 18
M 4	15 22	9 34	1s18	22 4	2 14	9 1	1 24	5 58	0 52	23 24	0 3	22 40	0 48	23 34	0 18
T 5	15 41	16 3	2 33	21 47	2 2	9 29	1 23	6 13	0 52	23 24	0 3	22 40	0 47	23 34	0 18
W 6	15 59	21 39	3 39	21 26	1 48	9 57	1 22	6 28	0 51	23 25	0 3	22 40	0 47	23 34	0 18
T 7	16 17	25 51	4 29	21 1	1 33	10 24	1 21	6 44	0 51	23 25	0 3	22 40	0 47	23 35	0 18
F 8	16 35	28 12	5 0	20 32	1 16	10 51	1 19	6 59	0 51	23 25	0 3	22 41	0 47	23 35	0 18
S 9	16 52	28 28	5 10	20 0	0 58	11 18	1 18	7 14	0 50	23 25	0 3	22 41	0 47	23 35	0 18
S 10	17 9	26 45	5 0	19 24	0 38	11 45	1 17	7 29	0 50	23 26	0 2	22 41	0 47	23 35	0 18
M11	17 26	23 25	4 32	18 45	0 18	12 12	1 15	7 44	0 50	23 26	0 2	22 41	0 47	23 35	0 18
T 12	17 42	18 52	3 49	18 4	0n 2	12 38	1 14	7 59	0 49	23 26	0 2	22 41	0 47	23 35	0 18
W13	17 58	13 32	2 55	17 23	0 23	13 4	1 12	8 14	0 49	23 26	0 2	22 41	0 46	23 35	0 18
T 14	18 14	7 45	1 54	16 42	0 43	13 29	1 11	8 28	0 49	23 26	0 2	22 42	0 46	23 35	0 18
F 15	18 30	1 48	0 49	16 3	1 2	13 54	1 9	8 43	0 48	23 26	0 2	22 42	0 46	23 35	0 18
S 16	18 45	4n 7	0n18	15 27	1 20	14 19	1 7	8 58	0 48	23 26	0 2	22 42	0 46	23 35	0 18
S 17	19 0	9 47	1 22	14 54	1 36	14 44	1 6	9 13	0 47	23 26	0 2	22 42	0 46	23 36	0 18
M18	19 14	15 3	2 22	14 26	1 50	15 8	1 4	9 27	0 47	23 27	0 2	22 42	0 46	23 36	0 18
T 19	19 29	19 43	3 16	14 3	2 2	15 32	1 2	9 42	0 47	23 27	0 1	22 42	0 46	23 36	0 18
W20	19 42	23 34	4 0	13 45	2 12	15 55	1 0	9 56	0 46	23 27	0 1	22 42	0 46	23 36	0 18
T 21	19 56	26 25	4 33	13 33	2 20	16 18	0 58	10 11	0 46	23 27	0 1	22 43	0 46	23 36	0 18
F 22	20 9	28 6	4 55	13 26	2 25	16 40	0 57	10 25	0 46	23 26	0 1	22 43	0 45	23 36	0 18
S 23	20 22	28 30	5 4	13 24	2 30	17 2	0 55	10 39	0 45	23 26	0 1	22 43	0 45	23 36	0 18
S 24	20 34	27 34	5 0	13 27	2 32	17 24	0 53	10 53	0 45	23 26	0 1	22 43	0 45	23 36	0 18
M25	20 46	25 20	4 42	13 33	2 33	17 45	0 51	11 8	0 44	23 26	0 1	22 43	0 45	23 36	0 18
T 26	20 58	21 56	4 12	13 43	2 33	18 6	0 48	11 22	0 44	23 26	0 1	22 43	0 45	23 37	0 18
W27	21 9	17 31	3 29	13 57	2 31	18 26	0 46	11 36	0 43	23 26	0 1	22 43	0 45	23 37	0 18
T 28	21 20	12 15	2 35	14 13	2 29	18 46	0 44	11 50	0 43	23 26	0 1	22 43	0 45	23 37	0 18
F 29	21 30	6 18	1 32	14 32	2 25	19 5	0 42	12 3	0 43	23 26	0 0	22 43	0 45	23 37	0 18
S 30	21s40	0s 7	0n21	14s52	2n21	19s24	0n40	12s17	0n42	23s25	0n 0	22s43	0n45	23n37	0n18

Julian Day Number = 2372226.5, Delta T = 16.46 sec
 Ecliptic obliquity = 23°28'12", Nutation = - 0°00'03"
 Ayanamsha: Fagan/Bradley = 21°42'30", Lahiri = 20°49'30"Greg. Calendar

SWISS EPHEMERIS for the year 1782

DECEMBER 1782

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	4 39 51	9° 0'01	15° 1	18M.44	0♁38	4M.54	3♁28	0♁47	6°R24	9♁46	6♁27	5°R 4	3°Y41	10II12	11°R33
M 2	4 43 47	10° 0'56	29°25	19°52	1°54	5°34	3°41	0°54	6♁22	9°47	6°28	5°Y 1	3°38	10°19	11°R30
T 3	4 47 44	11° 1'53	14M.15	21° 2	3° 9	6°13	3°54	1° 1	6°20	9°48	6°29	4°57	3°34	10°26	11°27
W 4	4 51 40	12° 2'51	29°24	22°16	4°25	6°53	4° 8	1° 8	6°18	9°50	6°30	4°49	3°31	10°32	11°25
T 5	4 55 37	13° 3'50	14♁44	23°31	5°40	7°32	4°21	1°14	6°15	9°51	6°32	4°39	3°28	10°39	11°22
F 6	4 59 33	14° 4'50	0♁ 4	24°50	6°56	8°12	4°34	1°21	6°13	9°52	6°33	4°28	3°25	10°46	11°20
S 7	5 3 30	15° 5'50	15°11	26° 9	8°11	8°52	4°48	1°28	6°11	9°53	6°34	4°18	3°22	10°52	11°17
S 8	5 7 27	16° 6'52	29°56	27°31	9°27	9°31	5° 1	1°35	6° 8	9°54	6°35	4° 9	3°18	10°59	11°15
M 9	5 11 23	17° 7'54	14♁13	28°54	10°42	10°11	5°15	1°42	6° 6	9°56	6°37	4° 3	3°15	11° 6	11°13
T 10	5 15 20	18° 8'56	27°59	0♁18	11°58	10°51	5°29	1°49	6° 4	9°57	6°38	3°59	3°12	11°13	11°10
W 11	5 19 16	19° 9'59	11♁17	1°43	13°13	11°31	5°42	1°56	6° 1	9°58	6°39	3°57	3° 9	11°19	11° 8
T 12	5 23 13	20°11'03	24° 8	3° 9	14°29	12°10	5°56	2° 3	5°59	9°59	6°41	3°D57	3° 6	11°26	11° 6
F 13	5 27 9	21°12'06	6°Y38	4°36	15°45	12°50	6° 9	2°10	5°56	10° 0	6°42	3°R57	3° 3	11°33	11° 3
S 14	5 31 6	22°13'10	18°52	6° 3	17° 0	13°30	6°23	2°17	5°54	10° 1	6°44	3°56	2°59	11°39	11° 1
S 15	5 35 2	23°14'15	0♁54	7°31	18°16	14°10	6°37	2°24	5°51	10° 2	6°45	3°53	2°56	11°46	10°59
M 16	5 38 59	24°15'20	12°49	9° 0	19°31	14°50	6°51	2°31	5°49	10° 2	6°46	3°48	2°53	11°53	10°57
T 17	5 42 56	25°16'25	24°41	10°29	20°47	15°29	7° 4	2°38	5°46	10° 3	6°48	3°39	2°50	12° 0	10°55
W 18	5 46 52	26°17'31	6II31	11°59	22° 2	16° 9	7°18	2°45	5°44	10° 4	6°49	3°27	2°47	12° 6	10°53
T 19	5 50 49	27°18'37	18°24	13°29	23°18	16°49	7°32	2°52	5°41	10° 5	6°51	3°13	2°44	12°13	10°51
F 20	5 54 45	28°19'44	0♁19	14°59	24°33	17°29	7°46	2°59	5°38	10° 6	6°52	2°58	2°40	12°20	10°49
S 21	5 58 42	29°20'51	12°18	16°29	25°49	18° 9	8° 0	3° 6	5°36	10° 7	6°54	2°43	2°37	12°26	10°48
S 22	6 2 38	0♁21'58	24°22	18° 0	27° 4	18°49	8°14	3°13	5°33	10° 7	6°55	2°30	2°34	12°33	10°46
M 23	6 6 35	1°23'06	6II32	19°32	28°20	19°29	8°27	3°20	5°31	10° 8	6°57	2°18	2°31	12°40	10°44
T 24	6 10 31	2°24'15	18°52	21° 3	29°35	20° 9	8°41	3°27	5°28	10° 9	6°59	2°10	2°28	12°47	10°42
W 25	6 14 28	3°25'23	1M.21	22°35	0♁51	20°49	8°55	3°34	5°26	10° 9	7° 0	2° 4	2°24	12°53	10°41
T 26	6 18 25	4°26'32	14° 4	24° 7	2° 6	21°29	9° 9	3°41	5°23	10°10	7° 2	2° 1	2°21	13° 0	10°39
F 27	6 22 21	5°27'42	27° 3	25°40	3°22	22° 9	9°23	3°48	5°20	10°10	7° 3	2° 1	2°18	13° 7	10°38
S 28	6 26 18	6°28'52	10♁23	27°13	4°37	22°49	9°37	3°56	5°18	10°11	7° 5	2° 1	2°15	13°13	10°36
S 29	6 30 14	7°30'02	24° 6	28°46	5°53	23°29	9°51	4° 3	5°15	10°11	7° 7	2° 0	2°12	13°20	10°35
M 30	6 34 11	8°31'13	8M.15	0♁19	7° 8	24° 9	10° 5	4°10	5°13	10°12	7° 8	1°57	2° 9	13°27	10°34
T 31	6 38 7	9°32'24	22M.47	1♁53	8♁24	24M.49	10♁19	4♁17	5♁10	10♁12	7♁10	1°Y52	2°Y 5	13II34	10♁33

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	21s50	6s44	0s53	15s14	2n17	19s42	0n38	12s31	0n42	23s25	0n 0	22s43	0n45	23n37	0n18
M 2	21 59	13 14	2 6	15 37	2 11	19 59	0 35	12 45	0 41	23 25	0 0	22 43	0 45	23 37	0 18
T 3	22 8	19 11	3 12	16 1	2 6	20 16	0 33	12 58	0 41	23 25	0 0	22 44	0 44	23 37	0 18
W 4	22 16	24 4	4 7	16 26	1 59	20 33	0 31	13 11	0 40	23 24	0 0	22 44	0 44	23 38	0 18
T 5	22 24	27 18	4 44	16 51	1 53	20 49	0 29	13 25	0 40	23 24	0s 0	22 44	0 44	23 38	0 18
F 6	22 31	28 29	5 1	17 17	1 46	21 4	0 26	13 38	0 40	23 24	0 0	22 44	0 44	23 38	0 18
S 7	22 38	27 31	4 56	17 43	1 39	21 18	0 24	13 51	0 39	23 23	0 0	22 44	0 44	23 38	0 18
S 8	22 45	24 37	4 32	18 8	1 32	21 32	0 22	14 4	0 39	23 23	0 0	22 44	0 44	23 38	0 18
M 9	22 51	20 16	3 51	18 34	1 25	21 46	0 19	14 17	0 38	23 22	0 0	22 44	0 44	23 38	0 18
T 10	22 56	14 58	2 58	18 59	1 17	21 58	0 17	14 30	0 38	23 22	0 1	22 44	0 44	23 38	0 18
W 11	23 2	9 9	1 57	19 24	1 10	22 11	0 14	14 43	0 37	23 21	0 1	22 44	0 44	23 38	0 19
T 12	23 6	3 7	0 52	19 48	1 2	22 22	0 12	14 55	0 37	23 21	0 1	22 44	0 44	23 39	0 19
F 13	23 11	2n51	0n14	20 12	0 55	22 33	0 10	15 8	0 36	23 20	0 1	22 44	0 44	23 39	0 19
S 14	23 14	8 36	1 18	20 34	0 47	22 43	0 7	15 20	0 36	23 20	0 1	22 44	0 43	23 39	0 19
S 15	23 18	13 57	2 17	20 57	0 39	22 52	0 5	15 33	0 35	23 19	0 1	22 43	0 43	23 39	0 19
M 16	23 21	18 43	3 10	21 18	0 32	23 1	0 2	15 45	0 35	23 19	0 1	22 43	0 43	23 39	0 19
T 17	23 23	22 44	3 54	21 39	0 24	23 9	0 0	15 57	0 34	23 18	0 1	22 43	0 43	23 39	0 19
W 18	23 25	25 49	4 27	21 58	0 17	23 16	0s 2	16 9	0 34	23 17	0 1	22 43	0 43	23 39	0 19
T 19	23 27	27 46	4 49	22 17	0 10	23 23	0 5	16 21	0 33	23 17	0 1	22 43	0 43	23 39	0 19
F 20	23 28	28 27	4 59	22 35	0 2	23 29	0 7	16 33	0 33	23 16	0 2	22 43	0 43	23 40	0 19
S 21	23 28	27 48	4 55	22 52	0s 5	23 34	0 10	16 44	0 32	23 15	0 2	22 43	0 43	23 40	0 19
S 22	23 28	25 50	4 38	23 7	0 12	23 38	0 12	16 56	0 32	23 15	0 2	22 43	0 43	23 40	0 19
M 23	23 28	22 40	4 8	23 22	0 19	23 42	0 14	17 7	0 31	23 14	0 2	22 43	0 43	23 40	0 19
T 24	23 27	18 27	3 26	23 36	0 26	23 45	0 17	17 19	0 31	23 13	0 2	22 43	0 43	23 40	0 19
W 25	23 26	13 24	2 34	23 48	0 32	23 47	0 19	17 30	0 30	23 12	0 2	22 43	0 43	23 40	0 19
T 26	23 24	7 43	1 33	23 59	0 39	23 48	0 21	17 41	0 30	23 11	0 2	22 42	0 43	23 40	0 19
F 27	23 21	1 34	0 26	24 9	0 45	23 49	0 24	17 52	0 29	23 10	0 2	22 42	0 43	23 40	0 19
S 28	23 19	4s48	0s44	24 18	0 51	23 49	0 26	18 2	0 28	23 10	0 2	22 42	0 42	23 41	0 19
S 29	23 15	11 7	1 54	24 25	0 57	23 48	0 28	18 13	0 28	23 9	0 2	22 42	0 42	23 41	0 19
M 30	23 12	17 5	2 59	24 31	1 3	23 47	0 30	18 24	0 27	23 8	0 3	22 42	0 42	23 41	0 19
T 31	23s 8	22s16	3s54	24s36	1s 9	23s45	0s33	18s34	0n27	23s 7	0s 3	22s42	0n42	23n41	0n19

Julian Day Number = 2372256.5, Delta T = 16.46 sec
 Ecliptic obliquity = 23°28'12, Nutation = - 0°00'02
 Ayanamsha: Fagan/Bradley = 21°42'34, Lahiri = 20°49'34Greg. Calendar