

SWISS EPHEMERIS for the year 1747

JANUARY 1747

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	6 40 58	10♌17'52	28♋4	11°R 6	4°R 0	20♌47	29♌28	25♌40	7♌43	19°R52	25♌53	6°R44	8♌20	18♌48	11°R39
M 2	6 44 55	11°19'01	11♌16	9♌45	3♌47	21°17	29°42	25°43	7°46	19♌50	25°54	6°D44	8°17	18°55	11♌39
T 3	6 48 51	12°20'11	24°42	8°25	3°32	21°48	29°56	25°46	7°49	19°48	25°56	6°R44	8°14	19°2	11°38
W 4	6 52 48	13°21'20	8♌22	7° 8	3°14	22°19	0♌9	25°50	7°52	19°46	25°58	6°R45	8°10	19°9	11°37
T 5	6 56 44	14°22'30	22°19	5°58	2°54	22°49	0°23	25°53	7°56	19°45	26° 0	6°45	8° 7	19°15	11°36
F 6	7 0 41	15°23'40	6♌32	4°55	2°31	23°19	0°36	25°56	7°59	19°43	26° 1	6°43	8° 4	19°22	11°35
S 7	7 4 37	16°24'50	20°59	4° 0	2° 7	23°49	0°50	25°59	8° 2	19°41	26° 3	6°39	8° 1	19°29	11°33
S 8	7 8 34	17°26'01	5♌37	3°15	1°40	24°19	1° 3	26° 2	8° 6	19°40	26° 5	6°33	7°58	19°35	11°32
M 9	7 12 30	18°27'11	20°20	2°40	1°12	24°49	1°17	26° 5	8° 9	19°38	26° 7	6°25	7°54	19°42	11°30
T 10	7 16 27	19°28'21	5♌1	2°15	0°41	25°19	1°30	26° 7	8°12	19°36	26° 8	6°17	7°51	19°49	11°29
W 11	7 20 24	20°29'30	19°32	1°59	0° 9	25°48	1°44	26°10	8°16	19°35	26°10	6°10	7°48	19°56	11°27
T 12	7 24 20	21°30'39	3♌45	1°D53	29♌36	26°18	1°57	26°12	8°19	19°33	26°11	6° 4	7°45	20° 2	11°25
F 13	7 28 17	22°31'48	17°37	1°55	29° 2	26°47	2°10	26°15	8°23	19°31	26°13	6° 0	7°42	20° 9	11°23
S 14	7 32 13	23°32'55	1♌4	2° 5	28°26	27°16	2°24	26°17	8°26	19°30	26°15	5°D59	7°39	20°16	11°21
S 15	7 36 10	24°34'02	14° 6	2°22	27°50	27°45	2°37	26°19	8°29	19°28	26°16	5°59	7°35	20°22	11°19
M 16	7 40 6	25°35'08	26°46	2°46	27°13	28°13	2°50	26°21	8°33	19°26	26°18	6° 0	7°32	20°29	11°17
T 17	7 44 3	26°36'14	9♌7	3°16	26°36	28°42	3° 4	26°23	8°36	19°24	26°19	6° 2	7°29	20°36	11°14
W 18	7 47 59	27°37'18	21°13	3°52	25°59	29°10	3°17	26°25	8°40	19°23	26°20	6° 3	7°26	20°43	11°12
T 19	7 51 56	28°38'21	3♌9	4°33	25°23	29°38	3°30	26°27	8°43	19°21	26°22	6°R 3	7°23	20°49	11° 9
F 20	7 55 53	29°39'24	15° 1	5°18	24°47	0♌6	3°43	26°29	8°47	19°19	26°23	6° 2	7°20	20°56	11° 6
S 21	7 59 49	0♌40'25	26°53	6° 8	24°11	0°34	3°56	26°30	8°50	19°18	26°24	5°58	7°16	21° 3	11° 4
S 22	8 3 46	1°41'25	8♌49	7° 1	23°37	1° 1	4° 9	26°32	8°54	19°16	26°26	5°54	7°13	21° 9	11° 1
M 23	8 7 42	2°42'25	3♌5	7°58	23° 4	1°28	4°22	26°33	8°57	19°14	26°27	5°48	7°10	21°16	10°58
T 24	8 11 39	3°43'23	20♌10	8°57	22°32	1°55	4°35	26°35	9° 0	19°13	26°28	5°42	7° 7	21°23	10°55
W 25	8 15 35	4°44'20	15°40	10° 0	22° 2	2°22	4°48	26°36	9° 4	19°11	26°29	5°37	7° 4	21°30	10°51
T 26	8 19 32	5°45'16	28°23	11° 5	21°34	2°49	5° 1	26°37	9° 7	19°10	26°31	5°32	7° 1	21°36	10°48
F 27	8 23 29	6°46'11	11♌21	12°12	21° 8	3°16	5°13	26°38	9°11	19° 8	26°32	5°28	6°57	21°43	10°45
S 28	8 27 25	7°47'05	24°32	13°21	20°44	3°42	5°26	26°39	9°14	19° 6	26°33	5°26	6°54	21°50	10°41
S 29	8 31 22	8°47'58	7♌55	14°33	20°22	4° 8	5°39	26°39	9°18	19° 5	26°34	5°D26	6°51	21°57	10°38
M 30	8 35 18	9°48'50	21°31	15°46	20° 3	4°34	5°51	26°40	9°21	19° 3	26°35	5°27	6°48	22° 3	10°34
T 31	8 39 15	10°49'42	5♌16	17° 1	19♌46	4♌59	6♌4	26♌41	9°25	19♌2	26♌36	5♌28	6♌45	22♌10	10♌31

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	23s 4	12n53	0n46	20s25	2n36	17s 4	2n17	6s28	1n47	23s16	0n12	7s39	2n27	18s58	0s37	21n24	0s37	6s11	13n26	9s 3	8s27	22n 6	1n46	5s52
M 2	22 59	6 58	0s24	20 18	2 50	16 52	2 32	6 40	1 47	23 16	0 12	7 40	2 27	18 57	0 37	21 24	0 37	6 11	13 26	9 3	8 29	22 8	1 46	5 53
T 3	22 54	0 40	1 35	20 12	3 1	16 41	2 48	6 51	1 47	23 17	0 12	7 41	2 27	18 56	0 37	21 24	0 37	6 12	13 26	9 3	8 30	22 10	1 46	5 53
W 4	22 48	5s48	2 41	20 8	3 9	16 30	3 3	7 2	1 48	23 17	0 12	7 42	2 27	18 55	0 37	21 24	0 37	6 12	13 26	9 3	8 31	22 13	1 46	5 53
T 5	22 42	12 6	3 40	20 5	3 15	16 19	3 19	7 13	1 48	23 17	0 12	7 43	2 28	18 54	0 37	21 25	0 37	6 12	13 27	9 3	8 32	22 15	1 46	5 54
F 6	22 35	17 53	4 26	20 4	3 19	16 9	3 34	7 24	1 48	23 17	0 12	7 44	2 28	18 54	0 37	21 25	0 37	6 12	13 27	9 4	8 33	22 17	1 46	5 54
S 7	22 28	22 46	4 56	20 5	3 20	15 59	3 49	7 35	1 48	23 17	0 12	7 45	2 28	18 53	0 37	21 25	0 37	6 12	13 27	9 5	8 35	22 19	1 46	5 55
S 8	22 20	26 18	5 7	20 7	3 19	15 50	4 5	7 45	1 49	23 17	0 11	7 46	2 28	18 52	0 37	21 25	0 37	6 12	13 27	9 7	8 36	22 21	1 46	5 55
M 9	22 12	28 4	4 58	20 10	3 17	15 41	4 20	7 56	1 49	23 17	0 11	7 47	2 29	18 51	0 37	21 26	0 37	6 12	13 28	9 10	8 37	22 23	1 47	5 55
T 10	22 4	27 52	4 29	20 15	3 12	15 33	4 35	8 7	1 49	23 17	0 11	7 47	2 29	18 50	0 37	21 26	0 37	6 12	13 28	9 13	8 38	22 25	1 47	5 56
W 11	21 55	25 45	3 44	20 21	3 7	15 26	4 50	8 17	1 49	23 17	0 11	7 48	2 29	18 49	0 37	21 26	0 37	6 12	13 28	9 16	8 39	22 28	1 47	5 56
T 12	21 45	22 1	2 45	20 28	3 0	15 18	5 4	8 28	1 50	23 17	0 11	7 49	2 29	18 48	0 37	21 26	0 37	6 12	13 29	9 18	8 41	22 30	1 48	5 57
F 13	21 35	17 8	1 38	20 35	2 52	15 12	5 18	8 38	1 50	23 16	0 11	7 49	2 30	18 47	0 37	21 27	0 37	6 12	13 29	9 19	8 42	22 32	1 48	5 57
S 14	21 25	11 32	0 27	20 44	2 44	15 6	5 31	8 48	1 50	23 16	0 11	7 50	2 30	18 47	0 37	21 27	0 37	6 12	13 29	9 20	8 43	22 34	1 49	5 57
S 15	21 14	5 35	0n44	20 52	2 35	15 0	5 44	8 58	1 50	23 16	0 11	7 50	2 30	18 46	0 37	21 27	0 37	6 12	13 29	9 20	8 44	22 36	1 49	5 58
M 16	21 3	0n24	1 50	21 1	2 25	14 55	5 56	9 8	1 51	23 16	0 11	7 51	2 30	18 45	0 37	21 27	0 37	6 13	13 30	9 19	8 45	22 38	1 50	5 58
T 17	20 52	6 13	2 50	21 10	2 16	14 51	6 8	9 18	1 51	23 16	0 11	7 51	2 31	18 44	0 37	21 28	0 37	6 12	13 30	9 19	8 46	22 40	1 50	5 58
W 18	20 40	11 42	3 41	21 19	2 6	14 47	6 19	9 28	1 51	23 15	0 11	7 52	2 31	18 43	0 37	21 28	0 37	6 12	13 30	9 18	8 48	22 42	1 51	5 58
T 19	20 28	16 40	4 21	21 28	1 56	14 43	6 29	9 38	1 51	23 15	0 11	7 52	2 31	18 42	0 37	21 28	0 37	6 12	13 31	9 18	8 49	22 44	1 52	5 59
F 20	20 15	20 59	4 51	21 37	1 45	14 40	6 38	9 47	1 51	23 15	0 10	7 53	2 31	18 41	0 37	21 28	0 37	6 12	13 31	9 19	8 50	22 46	1 52	5 59
S 21	20 2	24 28	5 7	21 45	1 35	14 38	6 46	9 57	1 52	23 15	0 10	7 53	2 32	18 40	0 37	21 29	0 37	6 12	13 31	9 20	8 51	22 48	1 53	5 59
S 22	19 49	26 55	5 11	21 52	1 25	14 36	6 54	10 6	1 52	23 14	0 10	7 53	2 32	18 39	0 37	21 29	0 37	6 12	13 32	9 22	8 52	22 50	1 54	6 0
M 23	19 35	28 9	5 0	21 59	1 15	14 35	7 1	10 15	1 52	23 14	0 10	7 53	2 32	18 38	0 37	21 29	0 37	6 12	13 32	9 24	8 54	22 53	1 55	6 0
T 24	19 21	28 2	4 36	22 5	1 5	14 34	7 7	10 24	1 52	23 14	0 10	7 54	2 33	18 37	0 37	21 29	0 37	6 12	13 33	9 26	8 55	22 55	1 56	6 0
W 25	19 6	26 30	3 59	22 11	0 55	14 34	7 12	10 33	1 52	23 13	0 10	7 54	2 33	18 36	0 37	21 30	0 37	6 12	13 33	9 28	8 56	22 57	1 57	6 0
T 26	18 52	23 36	3 9	22 15	0 45	14 34	7 16	10 42	1 52	23 13	0 10	7 54	2 33	18 36	0 37	21 30	0 37	6 12	13 33	9 30	8 57	22 59	1 58	6 1
F 27	18 36	19 27	2 8	22 19	0 36	14 34	7 19	10 51	1 53	23 12	0 10	7 54	2 33	18 35	0 37	21 30	0 37	6 12	13 34	9 31	8 58	23 1	1 59	6 1
S 28	18 21	14 18	0 59	22 22	0 26	14 35	7 22	11 0	1 53	23 12	0 10	7 54	2 34	18 34	0 37	21 30	0 37	6 12	13 34	9 32	8 59	23 3	2 0	6 1
S 29	18 5	8 24	0s14	22 24	0 17	14 37	7 24	11 9	1 53	23 12	0 10	7 54												

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FEBRUARY 1747

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	8 43 11	11 ⁵⁰ 32	19 ¹⁰ 10	18 ¹⁷ 17	19 ¹⁹ 31	5 ²⁴ 24	6 ¹⁶ 16	26 ⁴¹ 41	9 ²⁸ 28	19 ¹⁹ 0	26 ³⁷ 37	5 ³⁰ 30	6 ⁴¹ 41	22 ¹⁷ 17	10 ²⁷ 27	
T 2	8 47 8	12 ⁵¹ 21	3 ¹¹ 12	19 ³⁵ 35	19 ¹⁹ 19	5 ⁴⁹ 49	6 ²⁹ 29	26 ⁴¹ 41	9 ³² 32	18 ⁵⁹ 59	26 ³⁸ 38	5 ³¹ 31	6 ³⁸ 38	22 ²³ 23	10 ²³ 23	
F 3	8 51 4	13 ⁵² 10	17 ²¹ 21	20 ⁵⁴ 54	19 ⁹ 9	6 ¹⁴ 14	6 ⁴¹ 41	26 ⁴² 42	9 ³⁵ 35	18 ⁵⁷ 57	26 ³⁹ 39	5 ³¹ 31	6 ³⁵ 35	22 ³⁰ 30	10 ¹⁹ 19	
S 4	8 55 1	14 ⁵² 57	1 ³⁵ 35	22 ¹⁴ 14	19 ² 2	6 ³⁹ 39	6 ⁵³ 53	26 ⁴² 42	9 ³⁹ 39	18 ⁵⁶ 56	26 ⁴⁰ 40	5 ³⁰ 30	6 ³² 32	22 ³⁷ 37	10 ¹⁵ 15	
S 5	8 58 58	15 ⁵³ 44	15 ⁵⁰ 50	23 ³⁶ 36	18 ⁵⁸ 58	7 ³ 3	7 ⁶ 6	26 ⁴² 42	9 ⁴² 42	18 ⁵⁴ 54	26 ⁴¹ 41	5 ²⁸ 28	6 ²⁹ 29	22 ⁴⁴ 44	10 ¹¹ 11	
M 6	9 2 54	16 ⁵⁴ 30	0 ³ 5	24 ⁵⁹ 59	18 ⁵⁶ 56	7 ²⁷ 27	7 ¹⁸ 18	26 ⁴² 42	9 ⁴⁶ 46	18 ⁵³ 53	26 ⁴¹ 41	5 ²⁶ 26	6 ²⁶ 26	22 ⁵⁰ 50	10 ⁷ 7	
T 7	9 6 51	17 ⁵⁵ 15	14 ¹⁶ 16	26 ²³ 23	18 ⁵⁶ 56	7 ⁵¹ 51	7 ³⁰ 30	26 ⁴¹ 41	9 ⁴⁹ 49	18 ⁵¹ 51	26 ⁴² 42	5 ²⁴ 24	6 ²² 22	22 ⁵⁷ 57	10 ³ 3	
W 8	9 10 47	18 ⁵⁵ 58	28 ¹⁷ 17	27 ⁴⁸ 48	18 ⁵⁹ 59	8 ¹⁴ 14	7 ⁴² 42	26 ⁴¹ 41	9 ⁵³ 53	18 ⁵⁰ 50	26 ⁴³ 43	5 ²¹ 21	6 ¹⁹ 19	23 ⁴ 4	9 ⁵⁹ 59	
T 9	9 14 44	19 ⁵⁶ 40	12 ⁶ 6	29 ¹⁴ 14	19 ⁴ 4	8 ³⁷ 37	7 ⁵⁴ 54	26 ⁴¹ 41	9 ⁵⁶ 56	18 ⁴⁸ 48	26 ⁴⁴ 44	5 ¹⁹ 19	6 ¹⁶ 16	23 ¹⁰ 10	9 ⁵⁵ 55	
F 10	9 18 40	20 ⁵⁷ 21	25 ³⁹ 39	0 ⁴¹ 41	19 ¹¹ 11	9 ⁰ 0	8 ⁶ 6	26 ⁴⁰ 40	10 ⁰ 0	18 ⁴⁷ 47	26 ⁴⁴ 44	5 ¹⁹ 19	6 ¹³ 13	23 ¹⁷ 17	9 ⁵⁰ 50	
S 11	9 22 37	21 ⁵⁸ 00	8 ³⁴ 34	2 ⁹ 9	19 ²¹ 21	9 ²³ 23	8 ¹⁸ 18	26 ³⁹ 39	10 ³ 3	18 ⁴⁶ 46	26 ⁴⁵ 45	5 ¹⁹ 19	6 ¹⁰ 10	23 ²⁴ 24	9 ⁴⁶ 46	
S 12	9 26 33	22 ⁵⁸ 38	21 ⁵⁰ 50	3 ³⁸ 38	19 ³² 32	9 ⁴⁵ 45	8 ²⁹ 29	26 ³⁹ 39	10 ⁷ 7	18 ⁴⁴ 44	26 ⁴⁵ 45	5 ¹⁹ 19	6 ⁶ 6	23 ³¹ 31	9 ⁴¹ 41	
M13	9 30 30	23 ⁵⁹ 14	4 ²⁸ 28	5 ⁹ 9	19 ⁴⁶ 46	10 ⁷ 7	8 ⁴¹ 41	26 ³⁸ 38	10 ¹⁰ 10	18 ⁴³ 43	26 ⁴⁶ 46	5 ²⁰ 20	6 ³ 3	23 ³⁷ 37	9 ³⁷ 37	
T 14	9 34 27	24 ⁵⁹ 48	16 ⁵⁰ 50	6 ⁴⁰ 40	20 ² 2	10 ²⁸ 28	8 ⁵³ 53	26 ³⁷ 37	10 ¹⁴ 14	18 ⁴² 42	26 ⁴⁷ 47	5 ²¹ 21	6 ⁰ 0	23 ⁴⁴ 44	9 ³² 32	
W15	9 38 23	26 ⁰ 21	28 ⁵⁸ 58	8 ¹¹ 11	20 ²⁰ 20	10 ⁴⁹ 49	9 ⁴ 4	26 ³⁶ 36	10 ¹⁷ 17	18 ⁴⁰ 40	26 ⁴⁷ 47	5 ²² 22	5 ⁵⁷ 57	23 ⁵¹ 51	9 ²⁸ 28	
T 16	9 42 20	27 ⁰ 51	10 ³ 56	9 ⁴⁴ 44	20 ⁴⁰ 40	11 ¹⁰ 10	9 ¹⁵ 15	26 ³⁵ 35	10 ²⁰ 20	18 ³⁹ 39	26 ⁴⁷ 47	5 ²³ 23	5 ⁵⁴ 54	23 ⁵⁷ 57	9 ²³ 23	
F 17	9 46 16	28 ¹ 20	22 ⁵⁰ 50	11 ¹⁸ 18	21 ² 2	11 ³¹ 31	9 ²⁷ 27	26 ³⁴ 34	10 ²⁴ 24	18 ³⁸ 38	26 ⁴⁸ 48	5 ²³ 23	5 ⁵¹ 51	24 ⁴ 4	9 ¹⁹ 19	
S 18	9 50 13	29 ¹ 47	4 ³² 32	12 ⁵³ 53	21 ²⁶ 26	11 ⁵¹ 51	9 ³⁸ 38	26 ³² 32	10 ²⁷ 27	18 ³⁷ 37	26 ⁴⁸ 48	5 ²³ 23	5 ⁴⁷ 47	24 ¹¹ 11	9 ¹⁴ 14	
S 19	9 54 9	0 ³ 213	16 ³⁹ 39	14 ²⁹ 29	21 ⁵¹ 51	12 ¹¹ 11	9 ⁴⁹ 49	26 ³¹ 31	10 ³⁰ 30	18 ³⁵ 35	26 ⁴⁹ 49	5 ²³ 23	5 ⁴⁴ 44	24 ¹⁸ 18	9 ⁹ 9	
M20	9 58 6	1 ² 36	28 ⁴⁵ 45	16 ⁵ 5	22 ¹⁸ 18	12 ³⁰ 30	10 ⁰ 0	26 ²⁹ 29	10 ³⁴ 34	18 ³⁴ 34	26 ⁴⁹ 49	5 ²² 22	5 ⁴¹ 41	24 ²⁴ 24	9 ⁵ 5	
T 21	10 2 2	2 ² 57	11 ³ 3	17 ⁴³ 43	22 ⁴⁷ 47	12 ⁴⁹ 49	10 ¹¹ 11	26 ²⁸ 28	10 ³⁷ 37	18 ³³ 33	26 ⁴⁹ 49	5 ²² 22	5 ³⁸ 38	24 ³¹ 31	9 ⁰ 0	
W22	10 5 59	3 ³ 17	23 ³⁸ 38	19 ²¹ 21	23 ¹⁷ 17	13 ⁸ 8	10 ²² 22	26 ²⁶ 26	10 ⁴⁰ 40	18 ³² 32	26 ⁴⁹ 49	5 ²¹ 21	5 ³⁵ 35	24 ³⁸ 38	8 ⁵⁵ 55	
T 23	10 9 56	4 ³ 35	6 ¹² 31	21 ¹ 1	23 ⁴⁸ 48	13 ²⁶ 26	10 ³³ 33	26 ²⁴ 24	10 ⁴⁴ 44	18 ³¹ 31	26 ⁵⁰ 50	5 ²¹ 21	5 ³² 32	24 ⁴⁵ 45	8 ⁵⁰ 50	
F 24	10 13 52	5 ³ 50	19 ⁴³ 43	22 ⁴² 42	24 ²² 22	13 ⁴⁴ 44	10 ⁴⁴ 44	26 ²² 22	10 ⁴⁷ 47	18 ³⁰ 30	26 ⁵⁰ 50	5 ²¹ 21	5 ²⁸ 28	24 ⁵¹ 51	8 ⁴⁶ 46	
S 25	10 17 49	6 ⁴ 04	3 ¹⁵ 15	24 ²³ 23	24 ⁵⁶ 56	14 ¹ 1	10 ⁵⁴ 54	26 ²⁰ 20	10 ⁵⁰ 50	18 ²⁹ 29	26 ⁵⁰ 50	5 ²¹ 21	5 ²⁵ 25	24 ⁵⁸ 58	8 ⁴¹ 41	
S 26	10 21 45	7 ⁴ 16	17 ⁵ 5	26 ⁶ 6	25 ³² 32	14 ¹⁸ 18	11 ⁵ 5	26 ¹⁸ 18	10 ⁵³ 53	18 ²⁸ 28	26 ⁵⁰ 50	5 ²¹ 21	5 ²² 22	25 ⁵ 5	8 ³⁶ 36	
M27	10 25 42	8 ⁴ 26	1 ⁹ 9	27 ⁵⁰ 50	26 ⁹ 9	14 ³⁵ 35	11 ¹⁵ 15	26 ¹⁶ 16	10 ⁵⁷ 57	18 ²⁷ 27	26 ⁵⁰ 50	5 ²¹ 21	5 ¹⁹ 19	25 ¹¹ 11	8 ³¹ 31	
T 28	10 29 38	9 ³ 43	15 ²³ 23	29 ³⁴ 34	26 ³⁴ 34	14 ⁵¹ 51	11 ²⁵ 25	26 ¹³ 13	11 ⁰ 0	18 ²⁶ 26	26 ⁵⁰ 50	5 ²¹ 21	5 ¹⁶ 16	25 ¹⁸ 18	8 ²⁶ 26	

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
W 1	17s16	10s52	3s38	22s22	0s 9	14s43	7n25	11s34	1n53	23s10	0n 9	7s54	2n35	18s30	0s37	21n31	0s37	6s11	13n35	9s31	9s 4	23n11	2n 5	6s 2
T 2	16 59	16 46	4 26	22 20	0 17	14 46	7 24	11 42	1 53	23 10	0 9	7 54	2 35	18 29	0 37	21 31	0 37	6 11	13 36	9 30	9 5	23 13	2 6	6 2
F 3	16 41	21 49	4 59	22 16	0 25	14 48	7 22	11 50	1 54	23 9	0 9	7 54	2 35	18 28	0 37	21 32	0 37	6 11	13 36	9 30	9 6	23 15	2 7	6 2
S 4	16 24	25 38	5 14	22 11	0 33	14 52	7 20	11 58	1 54	23 9	0 9	7 53	2 36	18 27	0 37	21 32	0 37	6 11	13 37	9 30	9 8	23 17	2 9	6 2
S 5	16 6	27 51	5 10	22 5	0 41	14 55	7 17	12 6	1 54	23 8	0 9	7 53	2 36	18 26	0 37	21 32	0 37	6 10	13 37	9 31	9 9	23 19	2 10	6 2
M 6	15 47	28 15	4 46	21 57	0 48	14 58	7 14	12 13	1 54	23 7	0 9	7 53	2 36	18 25	0 37	21 32	0 37	6 10	13 37	9 32	9 10	23 21	2 11	6 2
T 7	15 29	26 47	4 5	21 49	0 55	15 2	7 10	12 21	1 54	23 7	0 9	7 53	2 36	18 24	0 37	21 33	0 37	6 10	13 38	9 33	9 11	23 22	2 13	6 2
W 8	15 10	23 38	3 10	21 39	1 2	15 5	7 6	12 28	1 54	23 6	0 9	7 52	2 37	18 24	0 37	21 33	0 37	6 10	13 38	9 34	9 12	23 24	2 14	6 2
T 9	14 51	19 11	2 5	21 27	1 8	15 9	7 2	12 36	1 54	23 6	0 9	7 52	2 37	18 23	0 37	21 33	0 36	6 10	13 39	9 34	9 14	23 26	2 16	6 2
F 10	14 32	13 49	0 53	21 15	1 15	15 13	6 57	12 43	1 54	23 5	0 9	7 51	2 37	18 22	0 37	21 33	0 36	6 9	13 39	9 35	9 15	23 28	2 18	6 2
S 11	14 12	7 56	0n20	21 1	1 20	15 17	6 52	12 50	1 54	23 4	0 9	7 51	2 37	18 21	0 37	21 33	0 36	6 9	13 39	9 35	9 16	23 30	2 19	6 3
S 12	13 53	1 52	1 30	20 46	1 26	15 20	6 46	12 57	1 54	23 4	0 9	7 50	2 38	18 20	0 37	21 34	0 36	6 9	13 40	9 35	9 17	23 32	2 21	6 3
M13	13 33	4n 8	2 34	20 29	1 31	15 24	6 41	13 4	1 54	23 3	0 8	7 50	2 38	18 19	0 37	21 34	0 36	6 9	13 40	9 34	9 18	23 34	2 22	6 3
T 14	13 13	9 51	3 30	20 11	1 36	15 28	6 35	13 10	1 55	23 2	0 8	7 49	2 38	18 18	0 37	21 34	0 36	6 8	13 40	9 34	9 19	23 36	2 24	6 2
W15	12 52	15 6	4 15	19 52	1 41	15 31	6 29	13 17	1 55	23 2	0 8	7 49	2 38	18 17	0 37	21 34	0 36	6 8	13 41	9 33	9 21	23 38	2 26	6 2
T 16	12 32	19 42	4 49	19 32	1 45	15 35	6 22	13 23	1 55	23 1	0 8	7 48	2 39	18 16	0 37	21 34	0 36	6 8	13 41	9 33	9 22	23 40	2 28	6 2
F 17	12 11	23 29	5 9	19 10	1 49	15 38	6 16	13 30	1 55	23 0	0 8	7 47	2 39	18 15	0 37	21 35	0 36	6 7	13 42	9 33	9 23	23 42	2 29	6 2
S 18	11 50	26 18	5 17	18 46	1 53	15 41	6 9	13 36	1 55	22 59	0 8	7 47	2 39	18 14	0 37	21 35	0 36	6 7	13 42	9 33	9 24	23 44	2 31	6 2
S 19	11 29	27 57	5 11	18 22	1 56	15 44	6 2	13 42	1 55	22 59	0 8	7 46	2 39	18 13	0 37	21 35	0 36	6 7	13 42	9 33	9 25	23 45	2 33	6 2
M20	11 7	28 19	4 51	17 56	1 59	15 47	5 55	13 48	1 54	22 58	0 8	7 45	2 40	18 13	0 37	21 35	0 36	6 6	13 43</					

SWISS EPHEMERIS for the year 1747

MARCH 1747

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	10 33 35	10♌ 4'41	29♋43	1♌20	27♌27	15♌ 7	11♌35	26°R11	11♌ 3	18°R25	26°R50	5°R20	5♌12	25♌25	8°R22	
T 2	10 37 31	11° 4'46	14♌ 4	3° 7	28° 8	15°22	11°46	26♌ 8	11° 6	18♌24	26♌50	5♌20	5° 9	25°32	8♌17	
F 3	10 41 28	12° 4'50	28°24	4°55	28°50	15°37	11°56	26° 6	11° 9	18°23	26°50	5°19	5° 6	25°38	8°12	
S 4	10 45 24	13° 4'52	12♌37	6°44	29°33	15°51	12° 5	26° 3	11°12	18°22	26°50	5°D19	5° 3	25°45	8° 7	
S 5	10 49 21	14° 4'53	26°43	8°34	0♌17	16° 5	12°15	26° 0	11°15	18°21	26°50	5°19	5° 0	25°52	8° 2	
M 6	10 53 18	15° 4'52	10♌39	10°25	1° 2	16°18	12°25	25°58	11°19	18°21	26°50	5°20	4°57	25°58	7°58	
T 7	10 57 14	16° 4'50	24°24	12°18	1°47	16°30	12°34	25°55	11°22	18°20	26°49	5°21	4°53	26° 5	7°53	
W 8	11 1 11	17° 4'45	7♌57	14°11	2°34	16°43	12°44	25°52	11°25	18°19	26°49	5°22	4°50	26°12	7°48	
T 9	11 5 7	18° 4'39	21°18	16° 6	3°22	16°54	12°53	25°49	11°28	18°18	26°49	5°22	4°47	26°19	7°43	
F 10	11 9 4	19° 4'31	4♌26	18° 1	4°10	17° 5	13° 2	25°46	11°31	18°18	26°48	5°R23	4°44	26°25	7°39	
S 11	11 13 0	20° 4'21	17°20	19°58	4°59	17°16	13°11	25°42	11°33	18°17	26°48	5°22	4°41	26°32	7°34	
S 12	11 16 57	21° 4'09	0♌ 2	21°55	5°49	17°26	13°20	25°39	11°36	18°16	26°48	5°21	4°38	26°39	7°29	
M13	11 20 53	22° 3'55	12°30	23°53	6°40	17°35	13°29	25°36	11°39	18°16	26°47	5°19	4°34	26°46	7°25	
T 14	11 24 50	23° 3'39	24°46	25°52	7°31	17°44	13°38	25°32	11°42	18°15	26°47	5°17	4°31	26°52	7°20	
W15	11 28 47	24° 3'21	6♌52	27°52	8°23	17°52	13°46	25°29	11°45	18°15	26°46	5°14	4°28	26°59	7°16	
T 16	11 32 43	25° 3'01	18°50	29°52	9°16	17°59	13°55	25°25	11°48	18°14	26°46	5°11	4°25	27° 6	7°11	
F 17	11 36 40	26° 2'38	0♌43	1°Y52	10° 9	18° 6	14° 3	25°21	11°50	18°14	26°45	5° 8	4°22	27°12	7° 7	
S 18	11 40 36	27° 2'13	12°36	3°53	11° 3	18°13	14°11	25°18	11°53	18°14	26°45	5° 6	4°18	27°19	7° 3	
S 19	11 44 33	28° 1'46	24°31	5°53	11°57	18°18	14°19	25°14	11°56	18°13	26°44	5°D 5	4°15	27°26	6°58	
M20	11 48 29	29° 1'17	6♌35	7°53	12°52	18°23	14°27	25°10	11°58	18°13	26°43	5° 6	4°12	27°33	6°54	
T 21	11 52 26	0♌ 0'45	18°51	9°52	13°48	18°27	14°35	25° 6	12° 1	18°13	26°43	5° 7	4° 9	27°39	6°50	
W22	11 56 22	1° 0'11	1♌25	11°50	14°44	18°31	14°43	25° 2	12° 4	18°12	26°42	5° 8	4° 6	27°46	6°46	
T 23	12 0 19	1°59'35	14°19	13°47	15°40	18°34	14°50	24°58	12° 6	18°12	26°41	5°10	4° 3	27°53	6°42	
F 24	12 4 16	2°58'57	27°38	15°42	16°37	18°36	14°58	24°54	12° 9	18°12	26°41	5°11	3°59	27°59	6°38	
S 25	12 8 12	3°58'16	11♌21	17°35	17°35	18°37	15° 5	24°50	12°11	18°12	26°40	5°R11	3°56	28° 6	6°34	
S 26	12 12 9	4°57'33	25°28	19°25	18°33	18°38	15°12	24°46	12°14	18°11	26°39	5°10	3°53	28°13	6°30	
M27	12 16 5	5°56'47	9♌56	21°12	19°31	18°R38	15°19	24°42	12°16	18°11	26°38	5° 7	3°50	28°20	6°26	
T 28	12 20 2	6°56'00	24°38	22°55	20°30	18°38	15°26	24°37	12°18	18°11	26°37	5° 3	3°47	28°26	6°22	
W29	12 23 58	7°55'11	9♌27	24°35	21°29	18°36	15°32	24°33	12°21	18°11	26°36	4°58	3°43	28°33	6°18	
T 30	12 27 55	8°54'20	24°15	26°11	22°28	18°34	15°39	24°29	12°23	18°D11	26°35	4°53	3°40	28°40	6°15	
F 31	12 31 51	9°Y53'27	8♌55	27°Y42	23°≈28	18♌31	15°≈45	24°≈25	12°≈25	18°≈11	26°≈34	4°≈49	3°≈37	28°≈47	6°≈11	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	7s48	15s24	4s18	13s 0	2s 8	16s 0	4n48	14s35	1n54	22s51	0n 7	7s37	2n42	18s 5	0s37	21n37	0s36	6s 3	13n46	9s34	9s37	24n 4	2n52	6s 0
T 2	7 25	20 47	4 55	12 20	2 6	15 59	4 40	14 39	1 53	22 50	0 7	7 35	2 42	18 4	0 37	21 37	0 36	6 3	13 47	9 34	9 38	24 6	2 54	6 0
F 3	7 24	24 56	5 14	11 39	2 5	15 59	4 32	14 44	1 53	22 49	0 7	7 34	2 42	18 3	0 37	21 37	0 36	6 2	13 47	9 34	9 39	24 7	2 56	6 0
S 4	6 39	27 32	5 14	10 57	2 3	15 58	4 25	14 48	1 53	22 49	0 7	7 33	2 42	18 2	0 37	21 37	0 36	6 2	13 48	9 35	9 40	24 9	2 58	6 0
S 5	6 16	28 21	4 55	10 13	2 0	15 56	4 17	14 52	1 53	22 48	0 7	7 32	2 43	18 1	0 37	21 37	0 36	6 2	13 48	9 34	9 42	24 11	3 1	5 59
M 6	5 53	27 21	4 19	9 28	1 57	15 54	4 9	14 56	1 52	22 47	0 7	7 31	2 43	18 1	0 37	21 37	0 36	6 1	13 48	9 34	9 43	24 13	3 3	5 59
T 7	5 30	24 41	3 28	8 42	1 53	15 52	4 2	15 0	1 52	22 46	0 7	7 30	2 43	18 0	0 37	21 38	0 36	6 1	13 49	9 34	9 44	24 14	3 5	5 59
W 8	5 7	20 39	2 26	7 54	1 49	15 49	3 54	15 4	1 52	22 45	0 6	7 28	2 43	17 59	0 37	21 38	0 36	6 0	13 49	9 34	9 45	24 16	3 7	5 58
T 9	4 43	15 38	1 17	7 5	1 44	15 46	3 46	15 8	1 52	22 45	0 6	7 27	2 43	17 58	0 37	21 38	0 36	6 0	13 50	9 33	9 46	24 18	3 9	5 58
F 10	4 20	9 59	0 5	6 15	1 39	15 42	3 39	15 11	1 51	22 44	0 6	7 26	2 44	17 57	0 37	21 38	0 36	6 0	13 50	9 33	9 47	24 20	3 11	5 57
S 11	3 56	4 0	0n 6	5 24	1 33	15 38	3 31	15 14	1 51	22 43	0 6	7 24	2 44	17 56	0 37	21 38	0 36	5 59	13 50	9 33	9 49	24 21	3 13	5 57
S 12	3 33	2n 2	2 12	4 32	1 26	15 33	3 24	15 17	1 50	22 42	0 6	7 23	2 44	17 56	0 37	21 38	0 36	5 59	13 51	9 34	9 50	24 23	3 15	5 57
M13	3 9	7 52	3 11	3 39	1 20	15 28	3 16	15 21	1 50	22 41	0 6	7 22	2 44	17 55	0 37	21 38	0 36	5 58	13 51	9 34	9 51	24 25	3 17	5 56
T 14	2 46	13 19	4 0	2 45	1 12	15 22	3 9	15 23	1 50	22 41	0 6	7 20	2 44	17 54	0 38	21 38	0 36	5 58	13 51	9 35	9 52	24 27	3 19	5 56
W15	2 22	18 11	4 37	1 50	1 4	15 16	3 1	15 26	1 49	22 40	0 6	7 19	2 44	17 53	0 38	21 38	0 36	5 57	13 52	9 36	9 53	24 28	3 21	5 55
T 16	1 58	22 17	5 2	0 54	0 55	15 10	2 54	15 29	1 49	22 39	0 6	7 17	2 45	17 53	0 38	21 39	0 36	5 57	13 52	9 38	9 54	24 30	3 23	5 55
F 17	1 34	25 26	5 14	0n 2	0 46	15 3	2 47	15 31	1 48	22 38	0 6	7 16	2 45	17 52	0 38	21 39	0 36	5 56	13 52	9 39	9 56	24 32	3 25	5 54
S 18	1 11	27 30	5 12	0 59	0 37	14 55	2 39	15 33	1 48	22 38	0 6	7 14	2 45	17 51	0 38	21 39	0 35	5 56	13 53	9 39	9 57	24 33	3 27	5 54
S 19	0 47	28 18	4 57	1 56	0 26	14 48	2 32	15 35	1 47	22 37	0 5	7 13	2 45	17 50	0 38	21 39	0 35	5 55	13 53	9 40	9 58	24 35	3 29	5 53
M20	0 23	27 47	4 28	2 53	0 16	14 39	2 25	15 37	1 46	22 36	0 5	7 11	2 45	17 50	0 38	21 39	0 35	5 55	13 53	9 39	9 59	24 37	3 31	5 53
T 21	0n 0	25 54	3 47	3 50	0 5	14 30	2 18	15 39	1 46	22 35	0 5	7 10	2 45	17 49	0 38	21 39	0 35	5 55	13 54	9 39	10 0	24 38	3 33	5 52
W22	0 24	22 43	2 55	4 47	0n 6	14 21	2 11	15 41	1 45	22 35	0 5	7 8	2 45	17 48	0 38	21 39	0 35	5 54	13 54	9 38	10 1	24 40	3 35	5 52
T 23	0 48	18 21	1 52	5 43	0 18	14 11	2 4	15 42	1 44	22 34	0 5	7 7	2 46	17 48	0 38	21 39	0 35	5 54	13 54	9 38	10 2	24 42	3 37	5 51
F 24	1 11	12 58	0 41	6 39	0 30	14 1	1 57	15 44	1 43	22 33	0 5	7 5	2 46	17 47	0 38	21 39	0 35	5 53	13 55	9 37	10 4	24 43	3 39	5 51
S 25	1 35	6 48	0s34	7 33	0 42	13 50	1 50	15 45	1 43	22 32	0 5	7 3	2 46	17 46	0 38	21 39	0 35	5 53	13 55	9 37	10 5	24 45	3 41	5 50
S 26	1 58	0 8	1 49	8 26	0 54	13 39	1 44	15 46	1 42	22 32	0 5	7 2	2 46	17 46	0 38	21 39	0 35	5 52	13 55	9 38	10 6	24 47	3 43	5 50
M27	2 22	6s40	2 59	9 18	1 6	13 27	1 37	15 47	1 41	22 31	0 5	7 0	2 46	17 45	0 38	21 39	0 35	5 52	13 56	9 39	10 7	24 48	3 45	5 49
T 28	2 45	13 14	3 58	10 8	1 18	13 15	1 31	15 47	1 40	22 30	0 5	6 59	2 46	17 44	0 38	21 39	0 35	5 51	13 56	9 40	10 8	24 50	3 47	5 48
W29	3 9	19 6	4 41	10 55	1 29	13 2	1 24																	

SWISS EPHEMERIS for the year 1747

APRIL 1747

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	12 35 48	10°52'33	23♌21	29♍8	24♎29	18♏27	15♐51	24♑20	12♒28	18♓11	26♔33	4♕R46	3♖34	28♗53	6♘R 8
S 2	12 39 45	11°51'37	7♌30	0♌29	25°29	18♍23	15°57	24♎16	12°30	18°11	26♏32	4♐D45	3°31	29° 0	6♑ 5
M 3	12 43 41	12°50'39	21°20	1°45	26°30	18°18	16° 3	24°11	12°32	18°11	26°31	4♒45	3°28	29° 7	6° 1
T 4	12 47 38	13°49'39	4♌51	2°55	27°32	18°12	16° 9	24° 7	12°34	18°12	26°30	4°46	3°24	29°13	5°58
W 5	12 51 34	14°48'37	18° 6	4° 0	28°33	18° 5	16°14	24° 2	12°36	18°12	26°29	4°48	3°21	29°20	5°55
T 6	12 55 31	15°47'34	1♌5	4°58	29°35	17°57	16°20	23°58	12°38	18°12	26°28	4°R49	3°18	29°27	5°52
F 7	12 59 27	16°46'29	13°51	5°50	0♌37	17°49	16°25	23°53	12°40	18°12	26°27	4°48	3°15	29°34	5°49
S 8	13 3 24	17°45'22	26°26	6°36	1°40	17°40	16°30	23°49	12°42	18°13	26°26	4°46	3°12	29°40	5°46
S 9	13 7 20	18°44'13	8♍50	7°16	2°42	17°30	16°35	23°44	12°44	18°13	26°25	4°42	3° 9	29°47	5°44
M10	13 11 17	19°43'02	21° 5	7°49	3°45	17°19	16°40	23°40	12°46	18°13	26°23	4°35	3° 5	29°54	5°41
T 11	13 15 14	20°41'49	3♌12	8°16	4°49	17° 8	16°44	23°35	12°48	18°14	26°22	4°27	3° 2	0♐ 0	5°38
W12	13 19 10	21°40'34	15°13	8°36	5°52	16°56	16°49	23°30	12°49	18°14	26°21	4°18	2°59	0° 7	5°36
T 13	13 23 7	22°39'17	27° 8	8°50	6°56	16°43	16°53	23°26	12°51	18°15	26°19	4° 9	2°56	0°14	5°34
F 14	13 27 3	23°37'57	9♍ 0	8°58	8° 0	16°29	16°57	23°21	12°53	18°15	26°18	4° 1	2°53	0°21	5°31
S 15	13 31 0	24°36'36	20°51	9°R 0	9° 4	16°15	17° 1	23°17	12°54	18°16	26°17	3°54	2°49	0°27	5°29
S 16	13 34 56	25°35'13	2♌46	8°55	10° 8	16° 0	17° 4	23°12	12°56	18°16	26°16	3°49	2°46	0°34	5°27
M17	13 38 53	26°33'47	14°47	8°46	11°13	15°45	17° 8	23° 7	12°58	18°17	26°14	3°46	2°43	0°41	5°25
T 18	13 42 49	27°32'20	27° 0	8°30	12°18	15°28	17°11	23° 3	12°59	18°17	26°13	3°D45	2°40	0°48	5°24
W19	13 46 46	28°30'50	9♌29	8°10	13°23	15°12	17°14	22°58	13° 0	18°18	26°11	3°46	2°37	0°54	5°22
T 20	13 50 43	29°29'17	22°20	7°45	14°28	14°54	17°17	22°54	13° 2	18°19	26°10	3°47	2°34	1° 1	5°20
F 21	13 54 39	0♌27'43	5♍36	7°16	15°33	14°36	17°20	22°49	13° 3	18°19	26° 9	3°R47	2°30	1° 8	5°19
S 22	13 58 36	1°26'07	19°19	6°44	16°38	14°18	17°23	22°45	13° 5	18°20	26° 7	3°46	2°27	1°14	5°17
S 23	14 2 32	2°24'28	3♌32	6° 8	17°44	13°59	17°25	22°40	13° 6	18°21	26° 6	3°43	2°24	1°21	5°16
M24	14 6 29	3°22'47	18°10	5°31	18°50	13°39	17°27	22°36	13° 7	18°22	26° 4	3°37	2°21	1°28	5°15
T 25	14 10 25	4°21'05	3♍ 9	4°52	19°56	13°20	17°29	22°31	13° 8	18°23	26° 3	3°30	2°18	1°35	5°14
W26	14 14 22	5°19'21	18°19	4°13	21° 2	12°59	17°31	22°27	13° 9	18°23	26° 1	3°21	2°15	1°41	5°13
T 27	14 18 18	6°17'35	3♌30	3°33	22° 8	12°39	17°33	22°22	13°10	18°24	26° 0	3°11	2°11	1°48	5°12
F 28	14 22 15	7°15'47	18°32	2°54	23°15	12°18	17°34	22°18	13°11	18°25	25°58	3° 3	2° 8	1°55	5°11
S 29	14 26 12	8°13'58	3♌16	2°17	24°22	11°57	17°36	22°14	13°12	18°26	25°56	2°57	2° 5	2° 2	5°11
S 30	14 30 8	9♌12'08	17♌37	1♌42	25♌28	11♍35	17♎37	22♏ 9	13♐13	18♑27	25♒55	2♓53	2♔ 2	2♕ 8	5♖10

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	4n19	28s13	4s55	13n 5	2n 2	12s22	1n 5	15s49	1n36	22s28	0n 4	6s52	2n47	17s42	0s38	21n39	0s35	5s49	13n57	9s47	10s13	24n56	3n55	5s46
S 2	4 42	27 37	4 22	13 43	2 12	12 7	0 59	15 49	1 35	22 27	0 4	6 50	2 47	17 41	0 38	21 39	0 35	5 49	13 57	9 47	10 14	24 58	3 57	5 45
M 3	5 52	25 18	3 34	14 19	2 21	11 52	0 53	15 48	1 33	22 27	0 4	6 49	2 47	17 41	0 38	21 39	0 35	5 48	13 58	9 47	10 15	25 0	3 58	5 45
T 4	5 28	21 36	2 36	14 51	2 30	11 37	0 47	15 48	1 32	22 26	0 4	6 47	2 47	17 40	0 38	21 40	0 35	5 48	13 58	9 46	10 16	25 1	4 0	5 44
W 5	5 51	16 51	1 30	15 21	2 38	11 21	0 41	15 47	1 31	22 25	0 4	6 45	2 47	17 40	0 38	21 40	0 35	5 47	13 58	9 46	10 17	25 3	4 2	5 43
T 6	6 13	11 25	0 20	15 47	2 45	11 5	0 35	15 46	1 29	22 25	0 4	6 43	2 47	17 39	0 38	21 40	0 35	5 47	13 58	9 46	10 19	25 4	4 4	5 42
F 7	6 36	5 37	0n49	16 10	2 51	10 49	0 30	15 45	1 28	22 24	0 4	6 42	2 47	17 39	0 38	21 40	0 35	5 46	13 59	9 46	10 20	25 6	4 5	5 42
S 8	6 59	0n19	1 54	16 30	2 56	10 32	0 24	15 44	1 27	22 24	0 3	6 40	2 47	17 38	0 38	21 40	0 35	5 46	13 59	9 47	10 21	25 7	4 7	5 41
S 9	7 21	6 10	2 53	16 47	3 0	10 14	0 18	15 43	1 25	22 23	0 3	6 38	2 47	17 38	0 38	21 39	0 35	5 45	13 59	9 48	10 22	25 9	4 9	5 40
M10	7 43	11 41	3 43	17 0	3 2	9 57	0 13	15 42	1 24	22 23	0 3	6 37	2 47	17 37	0 38	21 39	0 35	5 45	13 59	9 50	10 23	25 10	4 10	5 40
T 11	8 6	16 43	4 23	17 11	3 4	9 38	0 8	15 40	1 22	22 22	0 3	6 35	2 47	17 37	0 38	21 39	0 35	5 44	14 0	9 53	10 24	25 12	4 12	5 39
W12	8 28	21 2	4 50	17 17	3 4	9 20	0 3	15 38	1 20	22 22	0 3	6 33	2 47	17 36	0 38	21 39	0 35	5 44	14 0	9 57	10 25	25 13	4 14	5 38
T 13	8 50	24 29	5 4	17 21	3 3	9 1	0s 3	15 36	1 19	22 22	0 3	6 32	2 47	17 36	0 38	21 39	0 35	5 43	14 0	10 0	10 27	25 15	4 15	5 37
F 14	9 11	26 51	5 5	17 21	3 0	8 42	0 8	15 34	1 17	22 21	0 3	6 30	2 47	17 35	0 38	21 39	0 35	5 43	14 0	10 3	10 28	25 16	4 17	5 37
S 15	9 33	28 2	4 53	17 18	2 57	8 23	0 13	15 32	1 15	22 21	0 3	6 28	2 47	17 35	0 38	21 39	0 35	5 42	14 0	10 6	10 29	25 18	4 18	5 36
S 16	9 54	27 55	4 29	17 12	2 51	8 3	0 17	15 29	1 13	22 20	0 3	6 26	2 47	17 34	0 39	21 39	0 35	5 42	14 1	10 7	10 30	25 19	4 20	5 35
M17	10 16	26 30	3 52	17 2	2 45	7 43	0 22	15 27	1 11	22 20	0 2	6 25	2 47	17 34	0 39	21 39	0 35	5 42	14 1	10 8	10 31	25 21	4 21	5 34
T 18	10 37	23 48	3 4	16 50	2 37	7 22	0 27	15 24	1 9	22 20	0 2	6 23	2 47	17 34	0 39	21 39	0 35	5 41	14 1	10 9	10 32	25 22	4 22	5 34
W19	10 58	19 56	2 6	16 34	2 27	7 1	0 31	15 21	1 7	22 19	0 2	6 21	2 47	17 33	0 39	21 39	0 35	5 41	14 1	10 9	10 34	25 24	4 24	5 33
T 20	11 18	15 3	1 1	16 16	2 16	6 40	0 36	15 18	1 5	22 19	0 2	6 20	2 47	17 33	0 39	21 39	0 34	5 40	14 1	10 8	10 35	25 25	4 25	5 32
F 21	11 39	9 19	0s10	15 55	2 4	6 19	0 40	15 15	1 3	22 19	0 2	6 18	2 47	17 32	0 39	21 39	0 34	5 40	14 1	10 8	10 36	25 27	4 26	5 31
S 22	11 59	2 58	1 22	15 32	1 51	5 57	0 44	15 11	1 0	22 19	0 2	6 17	2 47	17 32	0 39	21 39	0 34	5 39	14 2	10 8	10 37	25 28	4 27	5 30
S 23	12 20	3s44	2 32	15 7	1 37	5 35	0 48	15 8	0 58	22 19	0 2	6 15	2 47	17 32	0 39	21 39	0 34	5 39	14 2	10 10	10 38	25 30	4 29	5 30
M24	12 40	10 26	3 34	14 40	1 22	5 13	0 52	15 4	0 56	22 18	0 2	6 13	2 47	17 31	0 39	21 39	0 34	5 38	14 2	10 12	10 39	25 31	4 30	5 29
T 25	12																							

SWISS EPHEMERIS for the year 1747

MAY 1747

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	14 34 5	10♈10'16	1♌32	1°R 9	26♋35	11°R13	17♉38	22°R 5	13♌14	18♊28	25°R53	2°R51	1♋59	2♈15	5°R10
T 2	14 38 1	11° 8'23	15° 2	0♈39	27°42	10♌52	17°39	22♉ 1	13°15	18°29	25♌52	2°D50	1°55	2°22	5♈10
W 3	14 41 58	12° 6'28	28° 9	0°13	28°50	10°30	17°39	21°57	13°16	18°30	25°50	2°R51	1°52	2°28	5°10
T 4	14 45 54	13° 4'32	10♋57	29♈50	29°57	10° 8	17°40	21°52	13°17	18°32	25°49	2♋51	1°49	2°35	5°D10
F 5	14 49 51	14° 2'34	23°30	29°32	1♈ 4	9°46	17°40	21°48	13°17	18°33	25°47	2°49	1°46	2°42	5°10
S 6	14 53 47	15° 0'35	5♈50	29°18	2°12	9°24	17°R40	21°44	13°18	18°34	25°45	2°45	1°43	2°49	5°10
S 7	14 57 44	15°58'34	18° 1	29° 9	3°20	9° 2	17°40	21°40	13°19	18°35	25°44	2°38	1°40	2°55	5°10
M 8	15 1 141	16°56'32	0♈ 5	29° 4	4°27	8°40	17°39	21°36	13°19	18°36	25°42	2°28	1°36	3° 2	5°11
T 9	15 5 37	17°54'29	12° 4	29°D 4	5°35	8°18	17°39	21°33	13°20	18°38	25°40	2°16	1°33	3° 9	5°11
W10	15 9 34	18°52'24	23°58	29° 8	6°43	7°57	17°38	21°29	13°20	18°39	25°39	2° 2	1°30	3°15	5°12
T 11	15 13 30	19°50'18	5♈15	29°17	7°51	7°35	17°37	21°25	13°20	18°40	25°37	1°49	1°27	3°22	5°13
F 12	15 17 27	20°48'10	17°42	29°31	8°59	7°15	17°36	21°21	13°21	18°42	25°36	1°36	1°24	3°29	5°13
S 13	15 21 23	21°46'01	29°35	29°49	10° 8	6°54	17°34	21°18	13°21	18°43	25°34	1°25	1°21	3°36	5°14
S 14	15 25 20	22°43'49	11♊31	0♈11	11°16	6°34	17°33	21°14	13°21	18°44	25°32	1°16	1°17	3°42	5°16
M15	15 29 16	23°41'37	23°33	0°38	12°25	6°14	17°31	21°10	13°21	18°46	25°31	1°11	1°14	3°49	5°17
T 16	15 33 13	24°39'22	5♈45	1° 9	13°33	5°55	17°29	21° 7	13°22	18°47	25°29	1° 8	1°11	3°56	5°18
W17	15 37 10	25°37'06	18°12	1°44	14°42	5°36	17°27	21° 4	13°22	18°49	25°27	1° 7	1° 8	4° 3	5°20
T 18	15 41 6	26°34'49	0♈58	2°23	15°50	5°18	17°25	21° 0	13°R22	18°50	25°26	1° 7	1° 5	4° 9	5°21
F 19	15 45 3	27°32'29	14° 8	3° 5	16°59	5° 0	17°23	20°57	13°22	18°52	25°24	1° 6	1° 1	4°16	5°23
S 20	15 48 59	28°30'08	27°46	3°52	18° 8	4°43	17°20	20°54	13°22	18°53	25°22	1° 5	0°58	4°23	5°25
S 21	15 52 56	29°27'46	11♊53	4°41	19°17	4°27	17°17	20°51	13°22	18°55	25°21	1° 1	0°55	4°29	5°26
M22	15 56 52	0♈25'22	26°28	5°35	20°26	4°11	17°14	20°48	13°21	18°56	25°19	0°54	0°52	4°36	5°28
T 23	16 0 49	1°22'57	11♌27	6°32	21°35	3°56	17°11	20°45	13°21	18°58	25°17	0°45	0°49	4°43	5°31
W24	16 4 45	2°20'30	26°43	7°31	22°44	3°42	17° 8	20°42	13°21	19° 0	25°16	0°35	0°46	4°50	5°33
T 25	16 8 42	3°18'03	12♈ 4	8°35	23°54	3°28	17° 4	20°39	13°21	19° 1	25°14	0°24	0°42	4°56	5°35
F 26	16 12 39	4°15'34	27°18	9°41	25° 3	3°15	17° 1	20°37	13°20	19° 3	25°12	0°14	0°39	5° 3	5°38
S 27	16 16 35	5°13'04	12♉16	10°50	26°13	3° 3	16°57	20°34	13°20	19° 5	25°11	0° 6	0°36	5°10	5°40
S 28	16 20 32	6°10'34	26°49	12° 3	27°22	2°51	16°53	20°31	13°20	19° 6	25° 9	0° 1	0°33	5°17	5°43
M29	16 24 28	7° 8'02	10♌54	13°18	28°32	2°41	16°49	20°29	13°19	19° 8	25° 7	29♊58	0°30	5°23	5°46
T 30	16 28 25	8° 5'30	24°30	14°36	29°41	2°31	16°44	20°27	13°19	19°10	25° 6	29°57	0°27	5°30	5°48
W31	16 32 21	9♈25'57	7♋39	15♈57	0♈51	2♌22	16♉40	20♉24	13♌18	19♊12	25♌ 4	29♊57	0♋23	5♈37	5♈51

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	14n53	22s25	2s38	11n20	0s36	2s32	1s17	14s36	0n39	22s18	0n 1	6s 3	2n46	17s30	0s39	21n38	0s34	5s35	14n 3	10s28	10s47	25n41	4n37	5s23
T 2	15 12 17	50 1 33	10 54	0 52	2 8	1 20	14 32	0 36	22 18	0 1	6 1	2 46	17 29	0 39	21 38	0 34	5 35	14 3	10 29	10 48	25 42	4 38	5 22	
W 3	15 29 12	31 0 25	10 30	1 8	1 44	1 23	14 28	0 33	22 18	0 1	6 0	2 46	17 29	0 39	21 38	0 34	5 35	14 3	10 28	10 49	25 44	4 39	5 21	
T 4	15 47 6	48 0n43	10 7	1 24	1 20	1 26	14 23	0 31	22 18	0 0	5 58	2 46	17 29	0 39	21 38	0 34	5 34	14 3	10 29	10 51	25 45	4 40	5 21	
F 5	16 5 0	57 1 47	9 47	1 39	0 56	1 29	14 19	0 28	22 18	0 0	5 57	2 46	17 29	0 39	21 38	0 34	5 34	14 3	10 29	10 52	25 46	4 40	5 20	
S 6	16 22 4n51	2 45	9 29	1 52	0 31	1 31	14 15	0 25	22 18	0 0	5 55	2 46	17 29	0 39	21 37	0 34	5 33	14 3	10 31	10 53	25 48	4 41	5 19	
S 7	16 39 10	23 3 35	9 14	2 6	0 7	1 34	14 10	0 22	22 18	0 0	5 54	2 46	17 29	0 39	21 37	0 34	5 33	14 3	10 33	10 54	25 49	4 42	5 18	
M 8	16 55 15	29 4 14	9 1	2 18	0n18	1 36	14 6	0 20	22 19	0s 0	5 53	2 45	17 29	0 39	21 37	0 34	5 33	14 3	10 37	10 55	25 50	4 42	5 17	
T 9	17 12 19	57 4 42	8 50	2 29	0 43	1 39	14 2	0 17	22 19	0 0	5 51	2 45	17 28	0 39	21 37	0 34	5 32	14 3	10 41	10 56	25 52	4 43	5 16	
W10	17 28 23	35 4 57	8 42	2 39	1 8	1 41	13 57	0 14	22 19	0 0	5 50	2 45	17 28	0 39	21 37	0 34	5 32	14 3	10 46	10 57	25 53	4 43	5 15	
T 11	17 43 26	13 4 59	8 37	2 48	1 33	1 43	13 53	0 11	22 19	0 0	5 49	2 45	17 28	0 39	21 37	0 34	5 32	14 3	10 51	10 59	25 54	4 44	5 15	
F 12	17 59 27	41 4 48	8 34	2 57	1 58	1 45	13 49	0 9	22 19	0 1	5 48	2 45	17 28	0 39	21 37	0 34	5 31	14 3	10 55	11 0	25 56	4 44	5 14	
S 13	18 14 27	54 4 25	8 33	3 4	2 23	1 47	13 45	0 6	22 20	0 1	5 46	2 45	17 28	0 40	21 36	0 34	5 31	14 3	10 59	11 1	25 57	4 45	5 13	
S 14	18 29 26	48 3 50	8 35	3 10	2 48	1 49	13 41	0 3	22 20	0 1	5 45	2 45	17 28	0 40	21 36	0 34	5 31	14 3	11 2	11 2	25 58	4 45	5 12	
M15	18 43 24	27 3 4	8 39	3 16	3 13	1 50	13 37	0 0	22 20	0 1	5 44	2 44	17 28	0 40	21 36	0 34	5 30	14 3	11 4	11 3	25 59	4 46	5 11	
T 16	18 58 20	57 2 10	8 45	3 20	3 38	1 52	13 33	0s 3	22 21	0 1	5 43	2 44	17 28	0 40	21 36	0 34	5 30	14 3	11 5	11 4	26 1	4 46	5 10	
W17	19 12 16	28 1 8	8 54	3 24	4 3	1 53	13 29	0 5	22 21	0 1	5 42	2 44	17 28	0 40	21 36	0 34	5 30	14 2	11 6	11 5	26 2	4 46	5 10	
T 18	19 25 11	9 0 1	9 5	3 27	4 29	1 55	13 26	0 8	22 22	0 1	5 41	2 44	17 28	0 40	21 36	0 34	5 29	14 2	11 6	11 6	26 3	4 46	5 9	
F 19	19 38 5	12 1s 8	9 17	3 29	4 54	1 56	13 23	0 11	22 22	0 2	5 40	2 44	17 28	0 40	21 35	0 34	5 29	14 2	11 6	11 8	26 4	4 46	5 8	
S 20	19 51 1s11	2 16	9 32	3 30	5 19	1 57	13 19	0 13	22 23	0 2	5 39	2 43	17 28	0 40	21 35	0 34	5 29	14 2	11 6	11 9	26 6	4 47	5 7	
S 21	20 4 7	44 3 17	9 48	3 30	5 44	1 58	13 16	0 16	22 23	0 2	5 38	2 43	17 28	0 40	21 35	0 34	5 29	14 2	11 8	11 10	26 7	4 47	5 6	
M22	20 16 14	5 4 8	10 6	3 29	6 9	1 59	13 14	0 19	22 24	0 2	5 37	2 43	17 28	0 40	21 35	0 34	5 28	14 2	11 10	11 11	26 8	4 47	5 5	
T 23	20 28 19	47 4 43	10 26	3 28	6 34	2 0	13 11	0 21	22 24	0 2	5 36	2 43	17 28	0 40	21 35	0 34	5 28	14 2	11 13	11 12	26 9	4 47	5 5	
W24	20 40 24	18 4 59	10 48	3 26	6 59	2 1	13 9	0 24	22 25	0 2	5 35	2 43	17 29	0 40	21 34	0 34	5 28	14 2	11 17	11 13	26 11	4 47	5 4	
T 25	20 51 27	8 4 54	11 10	3 23	7 24	2 2	13 6	0 27	22 25	0 2	5 34	2 42	17 29	0 40	21 34	0 34	5 28	14 2	11 21	11 14	26 12	4 47	5 3	
F 26	21 2 27	54 4 28	11 34	3 20	7 49	2 2	13 4	0 29	22 26	0 3	5 33	2 42	17 29	0 40	21 34	0 34	5 27	14 1	11 24	11 15	26 13	4 46	5 2	
S 27	21 12 26	37 3 43	12 0	3 16	8 13	2 3	13 2	0 32	22 27	0 3	5 32	2 42	17 29	0 40	21 34	0 33	5 27	14 1	11 27	11 17	26 14	4 46	5 1	
S 28	21 22 23	32 2 45	12 26	3 11	8 38	2 3	13 1	0 34	22 27	0 3	5 32	2 42	17 29	0 40	21 33	0 33	5 27	14 1	11 29	11 18	26 15	4 46	5 1	
M29	21 32 19	7 1 39	12 54	3 6	9 3	2 3	12 59	0 36	22 28	0 3	5 31	2 42	17 29	0 40	21 33	0 33	5 27	14 1	11 30	11 19	26 16	4 46	5 0	
T 30																								

SWISS EPHEMERIS for the year 1747

JUNE 1747

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	16 36 18	10II 0'23	20H26	17B20	2B 1	2°R13	16°R35	20°R22	13°R17	19B13	25°R 3	29°R57	0H20	5II43	5m55	
F 2	16 40 14	10°57'49	2Y54	18°47	3°11	2M 6	16B30	20B20	13B17	19°15	25M 1	29B55	0°17	5°50	5°58	
S 3	16 44 11	11°55'14	15° 8	20°16	4°21	1°59	16°25	20°18	13°16	19°17	25° 0	29°51	0°14	5°57	6° 1	
S 4	16 48 8	12°52'38	27°12	21°48	5°31	1°53	16°20	20°16	13°15	19°19	24°58	29°45	0°11	6° 4	6° 4	
M 5	16 52 4	13°50'02	9B 9	23°23	6°41	1°48	16°15	20°14	13°14	19°21	24°56	29°36	0° 7	6°10	6° 8	
T 6	16 56 1	14°47'25	21° 3	25° 0	7°51	1°44	16°10	20°13	13°13	19°23	24°55	29°24	0° 4	6°17	6°12	
W 7	16 59 57	15°44'47	2II55	26°40	9° 1	1°41	16° 4	20°11	13°13	19°25	24°53	29°11	0° 1	6°24	6°15	
T 8	17 3 54	16°42'09	14°46	28°23	10°11	1°38	15°58	20° 9	13°12	19°26	24°52	28°58	29B58	6°30	6°19	
F 9	17 7 50	17°39'30	26°40	0II 8	11°21	1°37	15°52	20° 8	13°11	19°28	24°50	28°46	29°55	6°37	6°23	
S 10	17 11 47	18°36'50	8B37	1°56	12°32	1°36	15°47	20° 7	13°10	19°30	24°49	28°35	29°52	6°44	6°27	
S 11	17 15 43	19°34'10	20°38	3°46	13°42	1°D36	15°40	20° 5	13° 9	19°32	24°47	28°27	29°48	6°51	6°31	
M12	17 19 40	20°31'28	2B46	5°39	14°52	1°36	15°34	20° 4	13° 7	19°34	24°46	28°21	29°45	6°57	6°35	
T 13	17 23 37	21°28'46	15° 4	7°34	16° 3	1°38	15°28	20° 3	13° 6	19°36	24°44	28°19	29°42	7° 4	6°40	
W14	17 27 33	22°26'03	27°35	9°32	17°13	1°40	15°22	20° 2	13° 5	19°38	24°43	28°D18	29°39	7°11	6°44	
T 15	17 31 30	23°23'19	10m22	11°32	18°24	1°43	15°15	20° 1	13° 4	19°40	24°42	28°18	29°36	7°18	6°48	
F 16	17 35 26	24°20'35	23°30	13°34	19°35	1°47	15° 8	20° 1	13° 3	19°42	24°40	28°R19	29°33	7°24	6°53	
S 17	17 39 23	25°17'49	7B 1	15°38	20°45	1°52	15° 2	20° 0	13° 1	19°44	24°39	28°18	29°29	7°31	6°58	
S 18	17 43 19	26°15'03	20°59	17°44	21°56	1°58	14°55	19°59	13° 0	19°47	24°38	28°16	29°26	7°38	7° 2	
M19	17 47 16	27°12'16	5M23	19°51	23° 7	2° 4	14°48	19°59	12°58	19°49	24°36	28°11	29°23	7°44	7° 7	
T 20	17 51 12	28° 9'29	20°11	22° 0	24°18	2°11	14°41	19°58	12°57	19°51	24°35	28° 4	29°20	7°51	7°12	
W21	17 55 9	29° 6'41	5A16	24° 9	25°28	2°18	14°34	19°58	12°56	19°53	24°34	27°56	29°17	7°58	7°17	
T 22	17 59 6	0B 3'53	20°29	26°20	26°39	2°27	14°27	19°58	12°54	19°55	24°32	27°48	29°13	8° 5	7°22	
F 23	18 3 2	1° 1'04	5B40	28°31	27°50	2°36	14°19	19°D58	12°52	19°57	24°31	27°40	29°10	8°11	7°28	
S 24	18 6 59	1°58'16	20°39	0B42	29° 1	2°46	14°12	19°58	12°51	19°59	24°30	27°34	29° 7	8°18	7°33	
S 25	18 10 55	2°55'26	5A17	2°53	0II12	2°56	14° 5	19°58	12°49	20° 1	24°29	27°30	29° 4	8°25	7°38	
M26	18 14 52	3°52'37	19°28	5° 4	1°23	3° 7	13°57	19°58	12°48	20° 3	24°27	27°28	29° 1	8°32	7°44	
T 27	18 18 48	4°49'48	3H11	7°14	2°35	3°19	13°50	19°59	12°46	20° 6	24°26	27°D28	28°58	8°38	7°49	
W28	18 22 45	5°46'59	16°27	9°23	3°46	3°31	13°42	19°59	12°44	20° 8	24°25	27°28	28°54	8°45	7°55	
T 29	18 26 42	6°44'10	29°17	11°32	4°57	3°45	13°35	19°59	12°42	20°10	24°24	27°29	28°51	8°52	8° 0	
F 30	18 30 38	7B41'22	11Y47	13B39	6II 8	3M58	13B27	20B 0	12B41	20B12	24M23	27°R30	28B48	8II58	8m 6	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	21n59	2s10	1n46	14n22	2s46	10n15	2s 4	12s57	0s44	22s30	0s 3	5s29	2n41	17s30	0s40	21n33	0s33	5s26	14n 0	11s30	11s22	26n20	4n45	4s57
F 2	22 7	3n41	2 45	14 53	2 39	10 39	2 4	12 56	0 46	22 31	0 4	5 28	2 41	17 30	0 40	21 32	0 33	5 26	14 0	11 31	11 23	26 21	4 44	4 56
S 3	22 15	9 16	3 35	15 25	2 31	11 3	2 4	12 56	0 48	22 31	0 4	5 28	2 41	17 30	0 40	21 32	0 33	5 26	14 0	11 32	11 24	26 22	4 44	4 56
S 4	22 23	14 26	4 14	15 57	2 22	11 26	2 3	12 56	0 50	22 32	0 4	5 27	2 40	17 31	0 40	21 32	0 33	5 26	14 0	11 35	11 26	26 23	4 43	4 55
M 5	22 30	19 1	4 42	16 30	2 13	11 50	2 3	12 56	0 52	22 33	0 4	5 27	2 40	17 31	0 40	21 32	0 33	5 26	14 0	11 38	11 27	26 24	4 43	4 54
T 6	22 36	22 49	4 57	17 2	2 4	12 13	2 2	12 57	0 54	22 34	0 4	5 26	2 40	17 31	0 40	21 31	0 33	5 26	13 59	11 42	11 28	26 26	4 42	4 53
W 7	22 43	25 40	5 0	17 35	1 54	12 36	2 2	12 58	0 57	22 35	0 4	5 26	2 40	17 31	0 40	21 31	0 33	5 25	13 59	11 46	11 29	26 27	4 42	4 53
T 8	22 49	27 24	4 49	18 8	1 44	12 58	2 1	12 59	0 59	22 35	0 4	5 26	2 39	17 32	0 40	21 31	0 33	5 25	13 59	11 51	11 30	26 28	4 41	4 52
F 9	22 54	27 52	4 26	18 41	1 33	13 21	2 1	13 0	1 1	22 36	0 5	5 25	2 39	17 32	0 41	21 31	0 33	5 25	13 59	11 55	11 31	26 29	4 40	4 51
S 10	22 59	27 2	3 51	19 14	1 23	13 43	2 0	13 1	1 3	22 37	0 5	5 25	2 39	17 32	0 41	21 30	0 33	5 25	13 58	11 59	11 32	26 30	4 40	4 50
S 11	23 4 24	57 3	6 19	46 1	12 14	5 1	59 13	3 1	4 22	38 0	5	5 25	2 39	17 33	0 41	21 30	0 33	5 25	13 58	12 2	11 33	26 31	4 39	4 49
M12	23 8 21	42 2	11 20	17 1	1 14	26 1	58 13	5 1	6 22	39 0	5	5 25	2 38	17 33	0 41	21 30	0 33	5 25	13 58	12 4	11 34	26 32	4 38	4 49
T 13	23 12 17	27 1	10 20	47 0	50 14	48 1	57 13	7 1	8 22	40 0	5	5 25	2 38	17 33	0 41	21 30	0 33	5 25	13 57	12 5	11 36	26 33	4 37	4 48
W14	23 15 12	24 0	4 21	17 0	38 15	9 1	56 13	10 1	10 22	41 0	5	5 24	2 38	17 34	0 41	21 29	0 33	5 25	13 57	12 5	11 37	26 34	4 36	4 47
T 15	23 19 6	42 1s	4 21	45 0	27 15	29 1	55 13	13 1	12 22	41 0	5	5 24	2 38	17 34	0 41	21 29	0 33	5 25	13 57	12 5	11 38	26 35	4 35	4 46
F 16	23 21 0	36 2	10 22	12 0	16 15	50 1	54 13	16 1	13 22	42 0	6	5 24	2 37	17 35	0 41	21 29	0 33	5 25	13 57	12 5	11 39	26 36	4 34	4 46
S 17	23 23 5s	43 3	11 22	37 0	5 16	10 1	52 13	19 1	15 22	43 0	6	5 24	2 37	17 35	0 41	21 28	0 33	5 25	13 56	12 5	11 40	26 37	4 33	4 45
S 18	23 25 11	57 4	3 23	1 0n	6 16	29 1	51 13	22 1	17 22	44 0	6	5 24	2 37	17 35	0 41	21 28	0 33	5 25	13 56	12 6	11 41	26 38	4 32	4 44
M19	23 27 17	45 4	4 41	23 22	0 17	16 49	1 50	13 26	1 18	22 45 0	6	5 24	2 37	17 36	0 41	21 28	0 33	5 25	13 56	12 7	11 42	26 39	4 31	4 44
T 20	23 28 22	39 5	1 23	41 0	28 17	8 1	48 13	30 1	20 22	46 0	6	5 24	2 36	17 36	0 41	21 28	0 33	5 25	13 55	12 10	11 43	26 40	4 30	4 43
W21	23 28 26	9 5	2 23	58 0	38 17	26 1	46 13	34 1	22 22	47 0	6	5 25	2 36	17 37	0 41	21 27	0 33	5 25	13 55	12 12	11 45	26 41	4 29	4 42
T 22	23 28 27	48 4	4 41	24 12	0 47	17 44	1 45	13 38 1	23 22	48 0	6	5 25	2 36	17 37	0 41	21 27	0 33	5 25	13 55	12 15	11 46	26 42	4 28	4 41
F 23	23 28 27	21 4	0 24	24 0	56 18	2 1	43 13	43 1	24 22	49 0	7	5 25	2 36	17 38	0 41	21 27	0 33	5 25	13 54	12 18	11 47	26 43	4 26	4 41
S 24	23 28 24	55 3	4 24	33 1	5 18	19 1	41 13	48 1	26 22	50 0	7	5 25	2 35	17 38	0 41	21 26	0 33	5 25	13 54	12 20	11 48	26 44	4 25	4 40
S 25	23 27 20	51 1	56 24	39 1	12 18	36 1	40 13	52 1	27 22	51 0	7	5 26	2 35	17 39	0 41	21 26	0 33	5 25	13 54	12 22	11 49	26 45	4 24	4 39
M26	23 25 15	41 0	43 24	42 1	20 18	53 1	38 13	58 1	29 22	52 0	7	5 26	2 35	17 39	0 41	21 26	0 33	5 25	13 53	12 22	11 50	26 46	4 22	4 39
T 27	23 23 9	52 0n	31 24	43 1	26 19	9 1	36 14	3 1	30 22	52 0	7	5 26	2 34	17 40	0 41	21 26	0 33	5 26	13 53	12 22	11 51	26 47	4 21	4 38
W28	23 21 3	49 1	40 24	40 1	32 19	24 1	34 14	8 1	31 22	53 0	7	5 27	2 34	17 40	0 41	21 25	0 33	5 26	13 52	12 22	11 52	26 48	4 19	4 37
T 29	23 18 2n	12 2	43 24	35 1	37 19	39 1	32 14	14 1	32 22	54 0	7	5 27	2 34	17 41	0 41	21 25	0 33	5 26						

SWISS EPHEMERIS for the year 1747

JULY 1747

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Day	Sid.t	☉	☽	♀	♂	♂	♄	♃	♁	♁	♁	♁	♁	♁	♁
S 1	18 34 35	8°38'33	24°11'1	15°45	7°11'20	4°11'12	13°19'19	20°11'1	12°19'39	20°14'14	24°19'22	27°19'28	28°19'45	9°11'5	8°11'12
S 2	18 38 31	9°35'45	6°11'4	17°49	8°31	4°27	13°12'12	20°2	12°19'37	20°17	24°19'21	27°19'25	28°19'42	9°12	8°18
M 3	18 42 28	10°32'57	17°59	19°52	9°43	4°43	13°4	20°3	12°35	20°19	24°20	27°20	28°39	9°19	8°24
T 4	18 46 24	11°30'10	29°51	21°53	10°54	4°59	12°56	20°4	12°33	20°21	24°19	27°13	28°35	9°25	8°30
W 5	18 50 21	12°27'23	11°11'42	23°52	12°6	5°16	12°49	20°5	12°31	20°23	24°18	27°5	28°32	9°32	8°36
T 6	18 54 17	13°24'36	23°36	25°49	13°17	5°33	12°41	20°6	12°29	20°25	24°17	26°57	28°29	9°39	8°42
F 7	18 58 14	14°21'49	5°35	27°45	14°29	5°51	12°33	20°7	12°27	20°28	24°16	26°49	28°26	9°45	8°49
S 8	19 2 11	15°19'03	17°39	29°39	15°41	6°9	12°25	20°9	12°25	20°30	24°15	26°42	28°23	9°52	8°55
S 9	19 6 7	16°16'17	29°50	1°13'30	16°52	6°28	12°18	20°10	12°23	20°32	24°14	26°38	28°19	9°59	9°2
M10	19 10 4	17°13'30	12°10	3°20	18°4	6°47	12°10	20°12	12°21	20°34	24°14	26°35	28°16	10°6	9°8
T 11	19 14 0	18°10'45	24°41	5°8	19°16	7°7	12°2	20°13	12°19	20°36	24°13	26°34	28°13	10°12	9°15
W12	19 17 57	19°7'59	7°11'24	6°55	20°28	7°28	11°55	20°15	12°17	20°39	24°12	26°34	28°10	10°19	9°21
T 13	19 21 53	20°5'13	20°21	8°39	21°40	7°49	11°47	20°17	12°15	20°41	24°11	26°35	28°7	10°26	9°28
F 14	19 25 50	21°2'27	3°11'35	10°21	22°52	8°10	11°40	20°19	12°13	20°43	24°10	26°37	28°4	10°33	9°35
S 15	19 29 46	21°59'42	17°7	12°1	24°4	8°32	11°32	20°21	12°10	20°45	24°10	26°38	28°0	10°39	9°42
S 16	19 33 43	22°56'57	1°11'0	13°40	25°16	8°55	11°25	20°23	12°8	20°48	24°9	26°38	27°57	10°46	9°49
M17	19 37 40	23°54'12	15°12	15°17	26°28	9°17	11°17	20°25	12°6	20°50	24°9	26°36	27°54	10°53	9°55
T 18	19 41 36	24°51'27	29°43	16°51	27°40	9°41	11°10	20°28	12°4	20°52	24°8	26°33	27°51	10°59	10°3
W19	19 45 33	25°48'43	14°11'28	18°24	28°52	10°4	11°3	20°30	12°1	20°54	24°7	26°29	27°48	11°6	10°10
T 20	19 49 29	26°45'59	29°21	19°55	0°54	10°29	10°56	20°33	11°59	20°57	24°7	26°25	27°45	11°13	10°17
F 21	19 53 26	27°43'15	14°11'14	21°24	1°17	10°53	10°48	20°35	11°57	20°59	24°6	26°21	27°41	11°20	10°24
S 22	19 57 22	28°40'32	28°59	22°51	2°29	11°18	10°41	20°38	11°55	21°1	24°6	26°18	27°38	11°26	10°31
S 23	20 1 19	29°37'50	13°11'28	24°16	3°41	11°44	10°34	20°41	11°52	21°3	24°5	26°17	27°35	11°33	10°39
M24	20 5 16	0°13'50'08	27°36	25°39	4°54	12°9	10°28	20°44	11°50	21°5	24°5	26°16	27°32	11°40	10°46
T 25	20 9 12	1°32'27	11°11'20	27°0	6°6	12°36	10°21	20°47	11°48	21°8	24°5	26°17	27°29	11°46	10°53
W26	20 13 9	2°29'47	24°38	28°19	7°19	13°2	10°14	20°50	11°45	21°10	24°4	26°18	27°25	11°53	11°1
T 27	20 17 5	3°27'08	7°11'33	29°36	8°31	13°29	10°8	20°53	11°43	21°12	24°4	26°20	27°22	12°0	11°8
F 28	20 21 2	4°24'30	20°7	0°11'50	9°44	13°56	10°1	20°56	11°41	21°14	24°4	26°21	27°19	12°7	11°16
S 29	20 24 58	5°21'53	2°11'24	2°3	10°56	14°24	9°55	21°0	11°38	21°16	24°4	26°22	27°16	12°13	11°23
S 30	20 28 55	6°19'18	14°28	3°13	12°9	14°52	9°49	21°3	11°36	21°18	24°3	26°21	27°13	12°20	11°31
M31	20 32 51	7°16'43	26°11'24	4°11'21	13°22	15°11'20	9°43	21°11'7	11°33	21°21	24°11'3	26°20	27°10	12°11'27	11°39

Day	☉		☽		♀		♂		♄		♃		♁		♁		♁		♁					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	23n12	13n19	4n17	24n17	1n45	20n 8	1s27	14s26	1s35	22s56	0s 8	5s28	2n33	17s42	0s41	21n24	0s33	5s26	13n51	12s22	11s56	26n51	4n15	4s35
S 2	23 8 18	4 4 47	24 4	1 48	20 21	1 25	14 32	1 36	22 57	0 8	5 29	2 33	17 42	0 41	21 24	0 33	5 26	13 51	12 23	11 57	26 52	4 13	4 35	
M 3	23 3 22	4 5 3	23 49	1 50	20 34	1 23	14 38	1 37	22 58	0 8	5 29	2 33	17 43	0 41	21 24	0 33	5 26	13 50	12 25	11 58	26 52	4 12	4 34	
T 4	22 59 25	5 7 23	31	1 21	14 45	1 21	14 45	1 38	22 59	0 8	5 30	2 33	17 43	0 41	21 23	0 33	5 27	13 50	12 27	11 59	26 53	4 10	4 33	
W 5	22 53 27	8 4 58	23 12	1 52	20 59	1 18	14 51	1 39	23 0	0 8	5 30	2 32	17 44	0 41	21 23	0 33	5 27	13 49	12 30	12 0	26 54	4 8	4 33	
T 6	22 48 27	54 4 35	22 51	1 52	21 10	1 16	14 58	1 40	23 1	0 9	5 31	2 32	17 45	0 41	21 23	0 33	5 27	13 49	12 33	12 1	26 55	4 7	4 32	
F 7	22 42 27	22 4 1	22 27	1 51	21 11	1 14	15 5	1 41	23 1	0 9	5 32	2 32	17 45	0 41	21 22	0 33	5 27	13 49	12 36	12 2	26 56	4 5	4 31	
S 8	22 36 25	32 3 15	22 3	1 50	21 31	1 11	15 12	1 42	23 2	0 9	5 33	2 32	17 46	0 41	21 22	0 33	5 27	13 48	12 38	12 3	26 57	4 3	4 31	
S 9	22 29 22	29 2 20	21 36	1 48	21 41	1 9	15 19	1 43	23 3	0 9	5 33	2 31	17 46	0 41	21 22	0 33	5 28	13 48	12 39	12 4	26 58	4 1	4 30	
M10	22 22 18	24 1 17	21 9	1 45	21 50	1 6	15 27	1 44	23 4	0 9	5 34	2 31	17 47	0 41	21 21	0 33	5 28	13 47	12 40	12 6	26 59	4 0	4 29	
T 11	22 14 13	28 0 10	20 40	1 42	21 59	1 4	15 34	1 45	23 5	0 9	5 35	2 31	17 48	0 41	21 21	0 33	5 28	13 47	12 41	12 7	26 59	3 58	4 29	
W12	22 6 7	54 0s59	20 9	1 38	22 7	1 1	15 42	1 46	23 6	0 9	5 36	2 31	17 48	0 41	21 21	0 33	5 28	13 46	12 41	12 8	27 0	3 56	4 28	
T 13	21 58 1	54 2 6	19 38	1 34	22 14	0 59	15 49	1 47	23 6	0 9	5 37	2 30	17 49	0 41	21 20	0 33	5 29	13 46	12 40	12 9	27 1	3 54	4 28	
F 14	21 50 4s18	3 8 19	6	1 29	22 21	0 56	15 57	1 48	23 7	0 10	5 38	2 30	17 49	0 41	21 20	0 33	5 29	13 45	12 40	12 10	27 2	3 52	4 27	
S 15	21 41 10	27 4 1	18 33	1 24	22 27	0 53	16 5	1 49	23 8	0 10	5 39	2 30	17 50	0 41	21 20	0 33	5 29	13 45	12 39	12 11	27 3	3 50	4 27	
S 16	21 31 16	14 4 42	18 0	1 18	22 33	0 51	16 13	1 50	23 9	0 10	5 40	2 29	17 51	0 41	21 20	0 33	5 30	13 44	12 39	12 12	27 3	3 48	4 26	
M17	21 21 21	17 5 6	17 25	1 12	22 37	0 48	16 21	1 50	23 10	0 10	5 41	2 29	17 51	0 42	21 19	0 33	5 30	13 44	12 40	12 13	27 4	3 46	4 25	
T 18	21 11 25	11 5 12	16 51	1 5	22 42	0 45	16 29	1 51	23 10	0 10	5 42	2 29	17 52	0 42	21 19	0 33	5 30	13 44	12 41	12 14	27 5	3 44	4 25	
W19	21 1 27	29 4 57	16 15	0 58	22 45	0 43	16 38	1 52	23 11	0 10	5 43	2 29	17 53	0 42	21 19	0 33	5 31	13 43	12 42	12 15	27 6	3 41	4 24	
T 20	20 50 27	51 4 22	15 40	0 51	22 48	0 40	16 46	1 52	23 12	0 10	5 45	2 28	17 53	0 42	21 18	0 33	5 31	13 43	12 44	12 17	27 7	3 39	4 24	
F 21	20 39 26	12 3 30	15 4	0 43	22 51	0 37	16 54	1 53	23 13	0 11	5 46	2 28	17 54	0 42	21 18	0 33	5 31	13 42	12 45	12 18	27 7	3 37	4 23	
S 22	20 27 22	44 2 24	14 28	0 35	22 52	0 35	17 3	1 54	23 13	0 11	5 47	2 28	17 55	0 42	21 18	0 33	5 32	13 42	12 46	12 19	27 8	3 35	4 23	
S 23	20 15 17	55 1 10	13 52	0 26	22 54	0 32	17 11	1 54	23 14	0 11	5 48	2 28	17 55	0 42	21 17	0 33	5 32	13 41	12 47	12 20	27 9	3 33	4 22	
M24	20 3 12	13 0n 7	13 16	0 17	22 54</																			

SWISS EPHEMERIS for the year 1747

AUGUST 1747

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	20 36 48	8♂14'10	8♂16	5♂26	14♂34	15♂49	9°R37	21♂10	11°R31	21♂23	24°R 3	26°R18	27♂ 6	12♂33	11♂47
W 2	20 40 44	9°11'38	20° 9	6°29	15°47	16°18	9♂31	21°14	11♂29	21°25	24♂ 3	26♂16	27° 3	12°40	11°54
T 3	20 44 41	10° 9'08	2♂ 6	7°29	17° 0	16°47	9°25	21°18	11°26	21°27	24° 3	26°14	27° 0	12°47	12° 2
F 4	20 48 38	11° 6'38	14°10	8°26	18°13	17°17	9°20	21°21	11°24	21°29	24° 3	26°11	26°57	12°54	12°10
S 5	20 52 34	12° 4'10	26°23	9°20	19°26	17°47	9°14	21°25	11°21	21°31	24°D 3	26° 9	26°54	13° 0	12°18
S 6	20 56 31	13° 1'42	8♂47	10°12	20°39	18°17	9° 9	21°29	11°19	21°33	24° 3	26° 8	26°51	13° 7	12°26
M 7	21 0 27	13°59'16	21°24	11° 0	21°52	18°48	9° 4	21°33	11°17	21°36	24° 3	26°D 8	26°47	13°14	12°34
T 8	21 4 24	14°56'51	4♂13	11°44	23° 5	19°19	8°59	21°38	11°14	21°38	24° 3	26° 8	26°44	13°21	12°42
W 9	21 8 20	15°54'27	17°16	12°26	24°18	19°50	8°54	21°42	11°12	21°40	24° 3	26° 8	26°41	13°27	12°50
T 10	21 12 17	16°52'04	0♂33	13° 3	25°31	20°22	8°49	21°46	11°10	21°42	24° 3	26° 9	26°38	13°34	12°58
F 11	21 16 13	17°49'42	14° 3	13°36	26°44	20°54	8°45	21°50	11° 7	21°44	24° 3	26°10	26°35	13°41	13° 7
S 12	21 20 10	18°47'21	27°46	14° 6	27°58	21°26	8°40	21°55	11° 5	21°46	24° 4	26°10	26°31	13°47	13°15
S 13	21 24 7	19°45'01	11♂42	14°30	29°11	21°58	8°36	21°59	11° 2	21°48	24° 4	26°11	26°28	13°54	13°23
M14	21 28 3	20°42'42	25°50	14°51	0♂24	22°31	8°32	22° 4	11° 0	21°50	24° 4	26°R11	26°25	14° 1	13°31
T 15	21 32 0	21°40'24	10♂ 7	15° 6	1°37	23° 4	8°28	22° 9	10°58	21°52	24° 5	26°11	26°22	14° 8	13°40
W16	21 35 56	22°38'08	24°32	15°16	2°51	23°37	8°25	22°13	10°55	21°54	24° 5	26°10	26°19	14°14	13°48
T 17	21 39 53	23°35'52	8♂59	15°R21	4° 4	24°10	8°21	22°18	10°53	21°56	24° 5	26°10	26°16	14°21	13°56
F 18	21 43 49	24°33'37	8♂35	15°21	5°18	24°44	8°18	22°23	10°51	21°58	24° 6	26°10	26°12	14°28	14° 5
S 19	21 47 46	25°31'24	7♂45	15°14	6°31	25°18	8°15	22°28	10°48	22° 0	24° 6	26°10	26° 9	14°34	14°13
S 20	21 51 43	26°29'12	21°54	15° 2	7°45	25°52	8°12	22°33	10°46	22° 2	24° 7	26°10	26° 6	14°41	14°21
M21	21 55 39	27°27'02	5♂47	14°44	8°58	26°27	8° 9	22°38	10°44	22° 4	24° 7	26°10	26° 3	14°48	14°30
T 22	21 59 36	28°24'52	19°22	14°21	10°12	27° 1	8° 6	22°43	10°42	22° 5	24° 8	26° 9	26° 0	14°55	14°38
W23	22 3 32	29°22'45	2♂36	13°51	11°26	27°36	8° 4	22°49	10°39	22° 7	24° 8	26° 9	25°56	15° 1	14°47
T 24	22 7 29	0♂20'39	15°30	13°16	12°39	28°11	8° 2	22°54	10°37	22° 9	24° 9	26° 9	25°53	15° 8	14°55
F 25	22 11 25	1°18'35	28° 4	12°35	13°53	28°47	8° 0	22°59	10°35	22°11	24°10	26° 8	25°50	15°15	15° 4
S 26	22 15 22	2°16'33	10♂23	11°50	15° 7	29°22	7°58	23° 5	10°33	22°13	24°10	26° 8	25°47	15°21	15°13
S 27	22 19 18	3°14'32	22°29	11° 0	16°21	29°58	7°56	23°10	10°31	22°15	24°11	26° 7	25°44	15°28	15°21
M28	22 23 15	4°12'34	4♂26	10° 7	17°34	0♂34	7°55	23°16	10°29	22°16	24°12	26°D 7	25°41	15°35	15°30
T 29	22 27 11	5°10'38	16°19	9°11	18°48	1°10	7°53	23°21	10°26	22°18	24°13	26° 7	25°37	15°42	15°38
W30	22 31 8	6° 8'43	28°12	8°14	20° 2	1°46	7°52	23°27	10°24	22°20	24°14	26° 8	25°34	15°48	15°47
T 31	22 35 5	7♂ 6'51	10♂11	7♂17	21♂16	2♂23	7♂51	23♂32	10♂22	22♂22	24♂14	26♂ 9	25♂31	15♂55	15♂56

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	18n14	26n47	5n 8	8n33	1s 3	22n33	0s 7	18s30	1s59	23s19	0s12	6s 1	2n26	18s 1	0s42	21n14	0s33	5s36	13n36	12s46	12s30	27n15	3n11	4s18
W 2	17 59	27 54	4 48	8 0	1 14	22 28	0 4	18 39	2 0	23 20	0 12	6 3	2 25	18 2	0 42	21 14	0 33	5 37	13 36	12 47	12 31	27 16	3 9	4 17
T 3	17 44	27 43	4 16	7 28	1 25	22 22	0 2	18 48	2 0	23 20	0 12	6 4	2 25	18 3	0 42	21 14	0 33	5 37	13 35	12 48	12 32	27 16	3 6	4 17
F 4	17 28	26 13	3 31	6 56	1 36	22 15	0n 1	18 57	2 1	23 21	0 12	6 6	2 25	18 3	0 42	21 13	0 33	5 38	13 35	12 48	12 33	27 17	3 4	4 16
S 5	17 12	23 29	2 37	6 25	1 48	22 7	0 4	19 6	2 1	23 21	0 12	6 8	2 25	18 4	0 42	21 13	0 33	5 38	13 34	12 49	12 34	27 18	3 1	4 16
S 6	16 56	19 36	1 34	5 55	1 59	21 59	0 6	19 15	2 1	23 22	0 13	6 10	2 24	18 5	0 42	21 13	0 33	5 39	13 34	12 49	12 35	27 18	2 58	4 15
M 7	16 39	14 48	0 26	5 27	2 10	21 51	0 9	19 24	2 2	23 22	0 13	6 11	2 24	18 5	0 42	21 12	0 33	5 39	13 33	12 50	12 36	27 19	2 56	4 15
T 8	16 23	9 17	0s45	4 59	2 22	21 41	0 12	19 32	2 2	23 23	0 13	6 13	2 24	18 6	0 42	21 12	0 33	5 40	13 33	12 50	12 37	27 20	2 53	4 14
W 9	16 5	3 17	1 54	4 33	2 33	21 31	0 14	19 41	2 3	23 23	0 13	6 15	2 24	18 7	0 42	21 12	0 33	5 40	13 32	12 49	12 38	27 20	2 50	4 14
T 10	15 48	2s57	2 59	4 8	2 44	21 21	0 17	19 50	2 3	23 24	0 13	6 17	2 23	18 7	0 42	21 11	0 33	5 41	13 32	12 49	12 39	27 21	2 48	4 13
F 11	15 31	9 10	3 55	3 45	2 55	21 9	0 19	19 59	2 3	23 24	0 13	6 18	2 23	18 8	0 42	21 11	0 33	5 41	13 31	12 49	12 40	27 21	2 45	4 13
S 12	15 13	15 2	4 39	3 24	3 6	20 57	0 22	20 8	2 3	23 25	0 13	6 20	2 23	18 9	0 42	21 11	0 32	5 42	13 31	12 49	12 42	27 22	2 42	4 13
S 13	14 55	20 13	5 7	3 5	3 17	20 45	0 24	20 17	2 4	23 25	0 13	6 22	2 23	18 9	0 42	21 10	0 32	5 42	13 30	12 49	12 43	27 23	2 39	4 12
M14	14 37	24 22	5 17	2 47	3 28	20 32	0 27	20 25	2 4	23 25	0 13	6 24	2 23	18 10	0 42	21 10	0 32	5 43	13 30	12 49	12 44	27 23	2 37	4 12
T 15	14 18	27 4	5 7	2 32	3 38	20 18	0 29	20 34	2 4	23 26	0 13	6 26	2 22	18 10	0 42	21 10	0 32	5 44	13 29	12 49	12 45	27 24	2 34	4 11
W16	13 59	28 0	4 39	2 19	3 47	20 4	0 32	20 43	2 4	23 26	0 14	6 28	2 22	18 11	0 42	21 9	0 32	5 44	13 29	12 49	12 46	27 24	2 31	4 11
T 17	13 40	27 2	3 53	2 9	3 56	19 49	0 34	20 51	2 5	23 26	0 14	6 30	2 22	18 12	0 42	21 9	0 32	5 45	13 28	12 49	12 47	27 25	2 28	4 11
F 18	13 21	24 15	2 52	2 2	4 19	19 34	0 36	21 0	2 5	23 27	0 14	6 32	2 22	18 12	0 42	21 9	0 32	5 45	13 28	12 49	12 48	27 25	2 25	4 10
S 19	13 2	19 58	1 40	1 57	4 12	19 18	0 39	21 8	2 5	23 27	0 14	6 34	2 22	18 13	0 42	21 8	0 32	5 46	13 27	12 49	12 49	27 26	2 22	4 10
S 20	12 42	14 36	0 24	1 56	4 19	19 1	0 41	21 17	2 5	23 27	0 14	6 36	2 21	18 14	0 42	21 8	0 32	5 47	13 26	12 49	12 50	27 26	2 20	4 10
M21	12 23	8 35	0n53	1 57	4 24	18 44	0 43	21 25	2 5	23 27	0 14	6 38	2 21	18 14	0 42	21 8	0 32	5 47	13 26	12 49	12 51	27 27	2 17	4 9
T 22	12 3	2 18	2 5	2 2	4 29	18 26	0 45	21 33	2 6	23 28	0 14	6 40	2 21	18 15	0 42	21 8	0 32	5 48	13 25	12 49	12 52	27 27	2 14	4 9
W23	11 42	3n55	3 8	2 11	4 32	18 8	0 47	21 42	2 6	23 28	0 14	6 42	2 21	18 15	0 42	21 7	0 32	5 49	13 25	12 49	12 53	27 28	2 11	4 9
T 24	11 22	9 48	4 1	2 23	4 33	17 49	0 49	21 50	2 6	23 28	0 14	6 44	2 21	18 16	0 42	21 7	0 32	5 49	13 24	12 49	12 54	27 28	2 8	4 8
F 25	11 1	15 9	4 40	2 38	4 33	17 30	0 51	21 58	2 6	23 28	0 14	6 46	2 20	18 17	0 42	21 7	0 32	5 50	13 24	12 49	12 56	27 29	2 5	4 8
S 26	10 41	19 46	5 5	2 57	4 32	17 11	0 53	22 6	2 6	23 29	0 15	6 49	2 20	18 17	0 42	21 6	0 32	5 51	13 23	12 50	12 57	27 29	2 2	4 8
S 27	10 20	23 30	5 16	3 19	4 28	16 50	0 55	22 13	2 6	23 29	0 15	6 51	2 20	18 18	0 42	21 6	0 32	5 51	13 23	12 50	12 58	27 30	1 59	4 7
M28	9 59	26 11	5 13	3 44	4 23	16 30	0 57	22 21	2 6	23 29	0 15	6 53	2 20	18 18	0 42	21 6	0 32	5 52	13 22	12 50	12 59	27 30		

SWISS EPHEMERIS for the year 1747

SEPTEMBER 1747

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	22 39 1	8 ^m 5'00	22 ^h 19	6°R20	22 ^h 30	3 ^m 0	7°R51	23 ^h 38	10°R20	22 ^h 23	24 ^m 15	26 ^h 10	25 ^h 28	16 ^h 11	16 ^m 4
S 2	22 42 58	9° 3'11	4 ^h 39	5 ^m 26	23°44	3°37	7 ^h 50	23°44	10 ^h 18	22°25	24°16	26°11	25°25	16° 8	16°13
S 3	22 46 54	10° 1'24	17°15	4°35	24°58	4°14	7°50	23°50	10°16	22°27	24°17	26°12	25°22	16°15	16°22
M 4	22 50 51	10°59'39	0 ^m 8	3°48	26°13	4°51	7°D50	23°56	10°14	22°28	24°18	26°R12	25°18	16°22	16°30
T 5	22 54 47	11°57'56	13°18	3° 7	27°27	5°29	7°50	24° 2	10°12	22°30	24°19	26°11	25°15	16°29	16°39
W 6	22 58 44	12°56'14	26°46	2°33	28°41	6° 7	7°50	24° 8	10°11	22°31	24°20	26°10	25°12	16°35	16°48
T 7	23 2 40	13°54'34	10 ^h 29	2° 7	29°55	6°45	7°50	24°14	10° 9	22°33	24°21	26° 8	25° 9	16°42	16°56
F 8	23 6 37	14°52'56	24°24	1°49	1 ^m 9	7°23	7°51	24°20	10° 7	22°34	24°22	26° 5	25° 6	16°49	17° 5
S 9	23 10 34	15°51'20	8 ^m 29	1°40	2°24	8° 1	7°52	24°26	10° 5	22°36	24°24	26° 3	25° 2	16°55	17°14
S 10	23 14 30	16°49'45	22°39	1°D40	3°38	8°40	7°53	24°32	10° 3	22°37	24°25	26° 0	24°59	17° 2	17°23
M 11	23 18 27	17°48'12	6 ^m 52	1°49	4°52	9°18	7°54	24°39	10° 2	22°39	24°26	25°59	24°56	17° 9	17°31
T 12	23 22 23	18°46'40	21° 6	2° 7	6° 7	9°57	7°55	24°45	10° 0	22°40	24°27	25°D59	24°53	17°16	17°40
W 13	23 26 20	19°45'11	5 ^h 31	2°35	7°21	10°36	7°57	24°51	9°58	22°42	24°28	25°59	24°50	17°22	17°49
T 14	23 30 16	20°43'42	19°23	3°11	8°36	11°15	7°59	24°58	9°57	22°43	24°30	26° 1	24°47	17°29	17°58
F 15	23 34 13	21°42'16	3 ^h 23	3°56	9°50	11°55	8° 1	25° 4	9°55	22°44	24°31	26° 2	24°43	17°36	18° 6
S 16	23 38 9	22°40'50	17°15	4°50	11° 5	12°34	8° 3	25°11	9°53	22°46	24°32	26° 3	24°40	17°42	18°15
S 17	23 42 6	23°39'27	0 ^h 57	5°50	12°19	13°14	8° 5	25°17	9°52	22°47	24°34	26°R 3	24°37	17°49	18°24
M 18	23 46 3	24°38'06	14°27	6°58	13°34	13°54	8° 8	25°24	9°50	22°48	24°35	26° 2	24°34	17°56	18°33
T 19	23 49 59	25°36'46	27°43	8°12	14°48	14°33	8°10	25°30	9°49	22°49	24°37	26° 0	24°31	18° 3	18°41
W 20	23 53 56	26°35'28	10 ^h 45	9°32	16° 3	15°13	8°13	25°37	9°47	22°51	24°38	25°55	24°28	18° 9	18°50
T 21	23 57 52	27°34'13	23°31	10°57	17°17	15°54	8°16	25°44	9°46	22°52	24°40	25°50	24°24	18°16	18°59
F 22	0 1 49	28°32'59	6 ^h 1	12°27	18°32	16°34	8°20	25°50	9°45	22°53	24°41	25°45	24°21	18°23	19° 7
S 23	0 5 45	29°31'48	18°18	14° 0	19°47	17°14	8°23	25°57	9°44	22°54	24°43	25°39	24°18	18°29	19°16
S 24	0 9 42	0 ^h 30'39	0 ^h 13	15°37	21° 1	17°55	8°27	26° 4	9°42	22°55	24°44	25°35	24°15	18°36	19°25
M 25	0 13 38	1°29'32	12°19	17°16	22°16	18°36	8°31	26°11	9°41	22°56	24°46	25°31	24°12	18°43	19°33
T 26	0 17 35	2°28'28	24°11	18°57	23°31	19°17	8°35	26°17	9°40	22°57	24°48	25°29	24° 8	18°49	19°42
W 27	0 21 32	3°27'26	6 ^h 4	20°41	24°46	19°58	8°39	26°24	9°39	22°58	24°49	25°D29	24° 5	18°56	19°51
T 28	0 25 28	4°26'26	18° 1	22°25	26° 1	20°39	8°43	26°31	9°38	22°59	24°51	25°30	24° 2	19° 3	19°59
F 29	0 29 25	5°25'28	0 ^h 9	24°11	27°15	21°20	8°47	26°38	9°37	23° 0	24°53	25°31	23°59	19°10	20° 8
S 30	0 33 21	6 ^h 24'33	12 ^h 31	25 ^m 57	28 ^m 30	22 ^m 2	8 ^h 52	26 ^h 45	9 ^h 36	23 ^h 1	24 ^m 54	25 ^h 33	23 ^h 56	19 ^h 16	20 ^m 16

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	8n33	24n32	2n57	5n46	3s42	15n 3	1n 4	22s51	2s 6	23s30	0s15	7s 2	2n19	18s21	0s42	21n 5
S 2	8 11	21 1	1 56	6 19	3 27	14 40	1 6	22 58	2 6	23 30	0 15	7 4	2 19	18 21	0 42	21 4
S 3	7 49	16 28	0 49	6 53	3 11	14 16	1 7	23 5	2 6	23 30	0 15	7 7	2 19	18 22	0 42	21 4
M 4	7 27	11 6	0s22	7 26	2 54	13 53	1 9	23 12	2 6	23 30	0 15	7 9	2 19	18 22	0 42	21 4
T 5	7 5	5 8	1 33	7 57	2 36	13 29	1 10	23 19	2 6	23 30	0 15	7 11	2 19	18 23	0 42	21 4
W 6	6 43	1s10	2 41	8 27	2 17	13 4	1 12	23 26	2 6	23 30	0 15	7 13	2 19	18 23	0 42	21 3
T 7	6 20	7 32	3 40	8 54	1 57	12 39	1 13	23 32	2 6	23 30	0 16	7 16	2 18	18 24	0 41	21 3
F 8	5 58	13 37	4 28	9 19	1 38	12 14	1 14	23 39	2 6	23 30	0 16	7 18	2 18	18 24	0 41	21 3
S 9	5 35	19 5	5 0	9 40	1 19	11 49	1 16	23 45	2 6	23 30	0 16	7 21	2 18	18 25	0 41	21 3
S 10	5 12	23 31	5 14	9 58	1 0	11 23	1 17	23 51	2 6	23 30	0 16	7 23	2 18	18 25	0 41	21 2
M 11	4 50	26 34	5 9	10 12	0 41	10 57	1 18	23 57	2 6	23 30	0 16	7 25	2 18	18 25	0 41	21 2
T 12	4 27	27 55	4 45	10 22	0 23	10 30	1 19	24 3	2 6	23 30	0 16	7 28	2 18	18 26	0 41	21 2
W 13	4 4	27 26	4 4	10 28	0 6	10 3	1 20	24 8	2 5	23 30	0 16	7 30	2 18	18 26	0 41	21 2
T 14	3 41	25 10	3 8	10 30	0n10	9 36	1 21	24 14	2 5	23 30	0 16	7 33	2 17	18 27	0 41	21 1
F 15	3 18	21 24	2 1	10 28	0 25	9 9	1 22	24 19	2 5	23 30	0 16	7 35	2 17	18 27	0 41	21 1
S 16	2 55	16 27	0 48	10 21	0 39	8 41	1 22	24 24	2 5	23 30	0 16	7 38	2 17	18 28	0 41	21 1
S 17	2 31	10 44	0n27	10 11	0 51	8 14	1 23	24 29	2 5	23 30	0 16	7 40	2 17	18 28	0 41	21 1
M 18	2 8	4 36	1 39	9 56	1 3	7 46	1 24	24 34	2 5	23 30	0 16	7 43	2 17	18 28	0 41	21 0
T 19	1 45	1n37	2 45	9 38	1 13	7 17	1 24	24 38	2 4	23 30	0 16	7 45	2 17	18 29	0 41	21 0
W 20	1 21	7 38	3 40	9 16	1 22	6 49	1 25	24 43	2 4	23 30	0 17	7 48	2 17	18 29	0 41	21 0
T 21	0 58	13 13	4 23	8 51	1 30	6 20	1 25	24 47	2 4	23 29	0 17	7 50	2 17	18 29	0 41	21 0
F 22	0 35	18 9	4 53	8 23	1 36	5 51	1 26	24 51	2 4	23 29	0 17	7 53	2 16	18 30	0 41	21 0
S 23	0 11	22 14	5 9	7 52	1 42	5 22	1 26	24 55	2 3	23 29	0 17	7 55	2 16	18 30	0 41	20 59
S 24	0s12	25 18	5 10	7 18	1 46	4 53	1 26	24 58	2 3	23 29	0 17	7 58	2 16	18 30	0 41	20 59
M 25	0 36	27 13	4 58	6 43	1 49	4 24	1 26	25 1	2 3	23 29	0 17	8 0	2 16	18 31	0 41	20 59
T 26	0 59	27 54	4 33	6 5	1 52	3 54	1 26	25 5	2 3	23 29	0 17	8 3	2 16	18 31	0 41	20 59
W 27	1 23	27 17	3 57	5 26	1 53	3 24	1 26	25 8	2 2	23 28	0 17	8 5	2 16	18 31	0 41	20 59
T 28	1 46	25 23	3 10	4 45	1 54	2 55	1 26	25 10	2 2	23 28	0 17	8 8	2 16	18 32	0 41	20 59
F 29	2 9	22 19	2 14	4 3	1 53	2 25	1 26	25 13	2 2	23 28	0 17	8 11	2 16	18 32	0 41	20 58
S 30	2s33	18n12	1n10	3n20	1n53	1n55	1n26	25s15	2s 1	23s28	0s17	8s13	2n16	18s32	0s41	20n58

Julian Day Number = 2359381.5, Delta T = 12.22 sec
 Ecliptic obliquity = 23°28'27", Nutation = 0°00'10"
 Ayanamsha: Fagan/Bradley = 21°13'03", Lahiri = 20°20'03"Greg. Calendar

SWISS EPHEMERIS for the year 1747

OCTOBER 1747

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	0 37 18	7 ^h 23'40"	25 ^h 01'33"	27 ^h 44'44"	29 ^h 45'45"	22 ^h 43'43"	8 ^h 57'57"	26 ^h 52'52"	9 ^h 35'35"	23 ^h 23'23"	24 ^h 56'56"	25 ^h 33'33"	23 ^h 53'53"	19 ^h 23'23"	20 ^h 25'25"	
M 2	0 41 14	8 ^h 22'49"	8 ^h 17'17"	29 ^h 31'11"	1 ^h 0'0"	23 ^h 25'25"	9 ^h 2'0"	26 ^h 59'59"	9 ^h 34'34"	23 ^h 3'0"	24 ^h 58'58"	25 ^h 33'33"	23 ^h 49'49"	19 ^h 30'30"	20 ^h 33'33"	
T 3	0 45 11	9 ^h 22'01"	21 ^h 44'14"	1 ^h 18'18"	2 ^h 15'15"	24 ^h 6'06"	9 ^h 7'07"	27 ^h 6'06"	9 ^h 33'33"	23 ^h 4'04"	25 ^h 0'00"	25 ^h 30'30"	23 ^h 46'46"	19 ^h 36'36"	20 ^h 42'42"	
W 4	0 49 7	10 ^h 21'14"	5 ^h 43'33"	3 ^h 5'05"	3 ^h 30'30"	24 ^h 48'48"	9 ^h 13'13"	27 ^h 13'13"	9 ^h 32'32"	23 ^h 4'04"	25 ^h 1'01"	25 ^h 25'25"	23 ^h 43'43"	19 ^h 43'43"	20 ^h 50'50"	
T 5	0 53 4	11 ^h 20'30"	19 ^h 43'43"	4 ^h 52'52"	4 ^h 45'45"	25 ^h 30'30"	9 ^h 18'18"	27 ^h 20'20"	9 ^h 31'31"	23 ^h 5'05"	25 ^h 3'03"	25 ^h 19'19"	23 ^h 40'40"	19 ^h 50'50"	20 ^h 59'59"	
F 6	0 57 1	12 ^h 19'47"	4 ^h 11'7"	6 ^h 39'39"	6 ^h 0'0"	26 ^h 13'13"	9 ^h 24'24"	27 ^h 27'27"	9 ^h 31'31"	23 ^h 6'06"	25 ^h 5'05"	25 ^h 11'11"	23 ^h 37'37"	19 ^h 57'57"	21 ^h 7'07"	
S 7	1 0 57	13 ^h 19'07"	18 ^h 39'39"	8 ^h 25'25"	7 ^h 15'15"	26 ^h 55'55"	9 ^h 30'30"	27 ^h 34'34"	9 ^h 30'30"	23 ^h 6'06"	25 ^h 7'07"	25 ^h 3'03"	23 ^h 33'33"	20 ^h 3'03"	21 ^h 16'16"	
S 8	1 4 54	14 ^h 18'28"	3 ^h 17'44"	10 ^h 10'10"	8 ^h 30'30"	27 ^h 37'37"	9 ^h 36'36"	27 ^h 41'41"	9 ^h 30'30"	23 ^h 7'07"	25 ^h 9'09"	24 ^h 57'57"	23 ^h 30'30"	20 ^h 10'10"	21 ^h 24'24"	
M 9	1 8 50	15 ^h 17'52"	17 ^h 44'14"	11 ^h 55'55"	9 ^h 45'45"	28 ^h 20'20"	9 ^h 42'42"	27 ^h 49'49"	9 ^h 29'29"	23 ^h 8'08"	25 ^h 11'11"	24 ^h 52'52"	23 ^h 27'27"	20 ^h 17'17"	21 ^h 32'32"	
T 10	1 12 47	16 ^h 17'17"	2 ^h 35'55"	13 ^h 39'39"	11 ^h 0'0"	29 ^h 2'02"	9 ^h 48'48"	27 ^h 56'56"	9 ^h 28'28"	23 ^h 8'08"	25 ^h 13'13"	24 ^h 49'49"	23 ^h 24'24"	20 ^h 23'23"	21 ^h 41'41"	
W 11	1 16 43	17 ^h 16'44"	16 ^h 13'13"	15 ^h 23'23"	12 ^h 15'15"	29 ^h 45'45"	9 ^h 55'55"	28 ^h 3'03"	9 ^h 28'28"	23 ^h 9'09"	25 ^h 15'15"	24 ^h D48	23 ^h 21'21"	20 ^h 30'30"	21 ^h 49'49"	
T 12	1 20 40	18 ^h 16'13"	0 ^h 39'9"	17 ^h 6'06"	13 ^h 30'30"	0 ^h 38'28"	10 ^h 1'01"	28 ^h 10'10"	9 ^h 28'28"	23 ^h 9'09"	25 ^h 17'17"	24 ^h 48'48"	23 ^h 18'18"	20 ^h 37'37"	21 ^h 57'57"	
F 13	1 24 36	19 ^h 15'43"	13 ^h 51'51"	18 ^h 48'48"	14 ^h 45'45"	1 ^h 10'10"	10 ^h 8'08"	28 ^h 17'17"	9 ^h 27'27"	23 ^h 10'10"	25 ^h 19'19"	24 ^h 49'49"	23 ^h 14'14"	20 ^h 44'44"	22 ^h 5'05"	
S 14	1 28 33	20 ^h 15'15"	27 ^h 21'21"	20 ^h 30'30"	16 ^h 0'0"	1 ^h 53'53"	10 ^h 15'15"	28 ^h 25'25"	9 ^h 27'27"	23 ^h 10'10"	25 ^h 21'21"	24 ^h R50	23 ^h 11'11"	20 ^h 50'50"	22 ^h 13'13"	
S 15	1 32 30	21 ^h 14'49"	10 ^h 38'38"	22 ^h 11'11"	17 ^h 15'15"	2 ^h 37'37"	10 ^h 22'22"	28 ^h 32'32"	9 ^h 27'27"	23 ^h 11'11"	25 ^h 23'23"	24 ^h 48'48"	23 ^h 8'08"	20 ^h 57'57"	22 ^h 22'22"	
M 16	1 36 26	22 ^h 14'24"	23 ^h 44'44"	23 ^h 52'52"	18 ^h 30'30"	3 ^h 20'20"	10 ^h 29'29"	28 ^h 39'39"	9 ^h 26'26"	23 ^h 11'11"	25 ^h 25'25"	24 ^h 45'45"	23 ^h 5'05"	21 ^h 4'04"	22 ^h 30'30"	
T 17	1 40 23	23 ^h 14'02"	6 ^h 39'39"	25 ^h 32'32"	19 ^h 46'46"	4 ^h 3'03"	10 ^h 37'37"	28 ^h 46'46"	9 ^h 26'26"	23 ^h 12'12"	25 ^h 27'27"	24 ^h 39'39"	23 ^h 2'02"	21 ^h 10'10"	22 ^h 38'38"	
W 18	1 44 19	24 ^h 13'41"	9 ^h 39'39"	27 ^h 11'11"	21 ^h 1'01"	4 ^h 46'46"	10 ^h 44'44"	28 ^h 53'53"	9 ^h 26'26"	23 ^h 12'12"	25 ^h 29'29"	24 ^h 30'30"	22 ^h 59'59"	21 ^h 17'17"	22 ^h 46'46"	
T 19	1 48 16	25 ^h 13'23"	1 ^h 35'55"	28 ^h 49'49"	22 ^h 16'16"	5 ^h 30'30"	10 ^h 52'52"	29 ^h 1'01"	9 ^h 26'26"	23 ^h 12'12"	25 ^h 31'31"	24 ^h 19'19"	22 ^h 55'55"	21 ^h 24'24"	22 ^h 54'54"	
F 20	1 52 12	26 ^h 13'06"	14 ^h 17'17"	0 ^h 11'27"	23 ^h 31'31"	6 ^h 13'13"	11 ^h 0'0"	29 ^h 8'08"	9 ^h D26	23 ^h 12'12"	25 ^h 33'33"	24 ^h 7'07"	22 ^h 52'52"	21 ^h 30'30"	23 ^h 2'02"	
S 21	1 56 9	27 ^h 12'52"	26 ^h 27'27"	2 ^h 5'05"	24 ^h 46'46"	6 ^h 57'57"	11 ^h 8'08"	29 ^h 15'15"	9 ^h 26'26"	23 ^h 13'13"	25 ^h 36'36"	23 ^h 56'56"	22 ^h 49'49"	21 ^h 37'37"	23 ^h 9'09"	
S 22	2 0 5	28 ^h 12'40"	8 ^h 28'28"	3 ^h 42'42"	26 ^h 1'01"	7 ^h 40'40"	11 ^h 16'16"	29 ^h 22'22"	9 ^h 26'26"	23 ^h 13'13"	25 ^h 38'38"	23 ^h 45'45"	22 ^h 46'46"	21 ^h 44'44"	23 ^h 17'17"	
M 23	2 4 2	29 ^h 12'30"	20 ^h 23'23"	5 ^h 18'18"	27 ^h 17'17"	8 ^h 24'24"	11 ^h 24'24"	29 ^h 30'30"	9 ^h 26'26"	23 ^h 13'13"	25 ^h 40'40"	23 ^h 36'36"	22 ^h 43'43"	21 ^h 51'51"	23 ^h 25'25"	
T 24	2 7 59	0 ^h 12'22"	2 ^h 31'31"	6 ^h 54'54"	28 ^h 32'32"	9 ^h 8'08"	11 ^h 33'33"	29 ^h 37'37"	9 ^h 27'27"	23 ^h 13'13"	25 ^h 42'42"	23 ^h 30'30"	22 ^h 39'39"	21 ^h 57'57"	23 ^h 33'33"	
W 25	2 11 55	1 ^h 12'16"	14 ^h 3'03"	8 ^h 29'29"	29 ^h 47'47"	9 ^h 52'52"	11 ^h 41'41"	29 ^h 44'44"	9 ^h 27'27"	23 ^h 13'13"	25 ^h 44'44"	23 ^h 26'26"	22 ^h 36'36"	22 ^h 4'04"	23 ^h 41'41"	
T 26	2 15 52	2 ^h 12'12"	25 ^h 57'57"	10 ^h 4'04"	1 ^h 11'27"	10 ^h 36'36"	11 ^h 50'50"	29 ^h 51'51"	9 ^h 27'27"	23 ^h 13'13"	25 ^h 47'47"	23 ^h 24'24"	22 ^h 33'33"	22 ^h 11'11"	23 ^h 48'48"	
F 27	2 19 48	3 ^h 12'11"	8 ^h 0'22"	11 ^h 38'38"	2 ^h 18'18"	11 ^h 20'20"	11 ^h 59'59"	29 ^h 59'59"	9 ^h 27'27"	23 ^h R13	25 ^h 49'49"	23 ^h D24	22 ^h 30'30"	22 ^h 17'17"	23 ^h 56'56"	
S 28	2 23 45	4 ^h 12'12"	20 ^h 22'22"	13 ^h 12'12"	3 ^h 33'33"	12 ^h 4'04"	12 ^h 7'07"	0 ^h 11'27"	9 ^h 28'28"	23 ^h 13'13"	25 ^h 51'51"	23 ^h R25	22 ^h 27'27"	22 ^h 24'24"	24 ^h 3'03"	
S 29	2 27 41	5 ^h 12'15"	3 ^h 39'22"	14 ^h 45'45"	4 ^h 48'48"	12 ^h 48'48"	12 ^h 17'17"	0 ^h 13'13"	9 ^h 28'28"	23 ^h 13'13"	25 ^h 53'53"	23 ^h 24'24"	22 ^h 24'24"	22 ^h 31'31"	24 ^h 11'11"	
M 30	2 31 38	6 ^h 12'20"	16 ^h 6'06"	16 ^h 18'18"	6 ^h 3'03"	13 ^h 33'33"	12 ^h 26'26"	0 ^h 20'20"	9 ^h 29'29"	23 ^h 13'13"	25 ^h 56'56"	23 ^h 22'22"	22 ^h 20'20"	22 ^h 38'38"	24 ^h 18'18"	
T 31	2 35 34	7 ^h 12'27"	29 ^h 39'39"	17 ^h 11'11"	7 ^h 19'19"	14 ^h 35'35"	12 ^h 35'35"	0 ^h 11'27"	9 ^h 29'29"	23 ^h 13'13"	25 ^h 58'58"	23 ^h 18'18"	22 ^h 17'17"	22 ^h 44'44"	24 ^h 26'26"	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	2s56	13n10	0n 2	2n36	1n51	1n25	1n26	25s17	2s 1	23s27	0s17	8s16	2n16	18s32	0s41	20n58	0s33	6s17	13n 7	13s 1	13s35	27n41	0n 8	4s 0
M 2	3 20	7 25	1s 8	1 51	1 49	0 55	1 26	25 19	2 1	23 27	0 17	8 18	2 16	18 32	0 41	20 58	0 33	6 18	13 6	13 1	13 36	27 41	0 5	4 0
T 3	3 43	1 12	2 17	1 6	1 46	0 25	1 25	25 21	2 0	23 27	0 17	8 21	2 16	18 33	0 41	20 58	0 33	6 19	13 6	13 2	13 37	27 41	0 1	4 0
W 4	4 6	5s15	3 19	0 20	1 43	0s 6	1 25	25 22	2 0	23 27	0 17	8 23	2 15	18 33	0 41	20 58	0 33	6 20	13 5	13 4	13 38	27 41	0s 2	3 59
T 5	4 30	11 35	4 10	0s25	1 39	0 36	1 24	25 23	2 0	23 26	0 17	8 26	2 15	18 33	0 41	20 58	0 33	6 20	13 5	13 6	13 39	27 41	0 5	3 59
F 6	4 53	17 24	4 47	1 11	1 35	1 6	1 24	25 24	1 59	23 26	0 18	8 29	2 15	18 33	0 41	20 57	0 33	6 21	13 5	13 9	13 40	27 42	0 8	3 59
S 7	5 16	22 17	5 5	1 57	1 31	1 36	1 23	25 25	1 59	23 26	0 18	8 31	2 15	18 33	0 41	20 57	0 33	6 22	13 4	13 11	13 41	27 42	0 12	3 59
S 8	5 39	25 48	5 4	2 43	1 26	2 7	1 23	25 26	1 58	23 25	0 18	8 34	2 15	18 33	0 41	20 57	0 33	6 23	13 4	13 14	13 42	27 42	0 15	3 59
M 9	6 2	27 36	4 43	3 29	1 21	2 37	1 22	25 26	1 58	23 25	0 18	8 36	2 15	18 34	0 41	20 57	0 33	6 23	13 4	13 15	13 43	27 42	0 18	3 59
T 10	6 25	27 32	4 5	4 14	1 15	3 7	1 21	25 26	1 58	23 24	0 18	8 39	2 15	18 34	0 41	20 57	0 33	6 24	13 3	13 16	13 44	27 42	0 21	3 59
W 11	6 48	25 40	3 12	5 0	1 10	3 37	1 20	25 26	1 57	23 24	0 18	8 42	2 15	18 34	0 41	20 57	0 33	6 25	13 3	13 17	13 45	27 42	0 24	3 59
T 12	7 10	22 14	2 8	5 45	1 4	4 7	1 19	25 25	1 57	23 24	0 18	8 44	2 15	18 34	0 41	20 57	0 33	6 26	13 3	13 16	13 46	27 42	0 28	3 59
F 13	7 33	17 38	0 59	6 29	0 58	4 37	1 18	25 24	1 56	23 23	0 18	8 47	2 15											

SWISS EPHEMERIS for the year 1747

NOVEMBER 1747

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	2 39 31	8♁12°36	13♁40	19♁22	8♁34	15♁1	12♁44	0♁35	9♁30	23°R13	26♁0	23°R10	22♁14	22♁51	24♁33
T 2	2 43 27	9°12'47	28° 6	20°54	9°49	15°46	12°54	0°42	9°31	23°12	26° 3	23°11	22°11	22°58	24°40
F 3	2 47 24	10°13'00	12♁53	22°25	11° 5	16°31	13° 4	0°49	9°31	23°12	26° 5	22°50	22° 8	23° 4	24°47
S 4	2 51 21	11°13'15	27°51	23°56	12°20	17°15	13°13	0°57	9°32	23°12	26° 7	22°38	22° 5	23°11	24°55
S 5	2 55 17	12°13'32	12♁52	25°27	13°35	18° 0	13°23	1° 4	9°33	23°12	26° 9	22°28	22° 1	23°18	25° 2
M 6	2 59 14	13°13'50	27°46	26°57	14°51	18°45	13°33	1°11	9°34	23°11	26°12	22°19	21°58	23°24	25° 9
T 7	3 3 10	14°14'10	12♁55	28°26	16° 6	19°30	13°43	1°18	9°35	23°11	26°14	22°14	21°55	23°31	25°16
W 8	3 7 7	15°14'31	26°44	29°56	17°21	20°14	13°54	1°25	9°36	23°11	26°17	22°11	21°52	23°38	25°22
T 9	3 11 3	16°14'54	10♁42	1♁24	18°37	20°59	14° 4	1°32	9°37	23°10	26°19	22°10	21°49	23°45	25°29
F 10	3 15 0	17°15'18	24°19	2°53	19°52	21°44	14°14	1°39	9°38	23°10	26°21	22°10	21°45	23°51	25°36
S 11	3 18 57	18°15'43	7♁38	4°20	21° 7	22°29	14°25	1°46	9°39	23° 9	26°24	22° 9	21°42	23°58	25°43
S 12	3 22 53	19°16'09	20°40	5°48	22°23	23°15	14°36	1°54	9°40	23° 9	26°26	22° 7	21°39	24° 5	25°49
M13	3 26 50	20°16'37	3♁28	7°15	23°38	24° 0	14°46	2° 1	9°41	23° 8	26°28	22° 2	21°36	24°11	25°56
T 14	3 30 46	21°17'06	16° 4	8°41	24°53	24°45	14°57	2° 8	9°42	23° 8	26°31	21°54	21°33	24°18	26° 2
W15	3 34 43	22°17'37	28°30	10° 6	26° 9	25°30	15° 8	2°15	9°44	23° 7	26°33	21°43	21°30	24°25	26° 9
T 16	3 38 39	23°18'09	10♁48	11°31	27°24	26°15	15°19	2°21	9°45	23° 6	26°36	21°30	21°26	24°31	26°15
F 17	3 42 36	24°18'43	22°58	12°55	28°39	27° 1	15°30	2°28	9°46	23° 6	26°38	21°15	21°23	24°38	26°21
S 18	3 46 32	25°19'18	5♁0	14°19	29°55	27°46	15°42	2°35	9°48	23° 5	26°40	21° 0	21°20	24°45	26°27
S 19	3 50 29	26°19'55	16°56	15°41	1♁10	28°32	15°53	2°42	9°49	23° 4	26°43	20°47	21°17	24°52	26°33
M20	3 54 26	27°20'33	28°48	17° 2	2°25	29°17	16° 5	2°49	9°51	23° 3	26°45	20°35	21°14	24°58	26°39
T 21	3 58 22	28°21'13	10♁37	18°21	3°41	0♁2	16°16	2°56	9°53	23° 3	26°47	20°27	21°11	25° 5	26°45
W22	4 2 19	29°21'54	22°26	19°40	4°56	0°48	16°28	3° 3	9°54	23° 2	26°50	20°21	21° 7	25°12	26°51
T 23	4 6 15	0♁27'37	4♁19	20°56	6°12	1°34	16°39	3° 9	9°56	23° 1	26°52	20°18	21° 4	25°18	26°57
F 24	4 10 12	1°23'22	16°22	22°11	7°27	2°19	16°51	3°16	9°58	23° 0	26°55	20°D17	21° 1	25°25	27° 2
S 25	4 14 8	2°24'08	28°37	23°24	8°42	3° 5	17° 3	3°23	9°59	22°59	26°57	20°R17	20°58	25°32	27° 8
S 26	4 18 5	3°24'55	11♁12	24°34	9°58	3°50	17°15	3°29	10° 1	22°58	26°59	20°17	20°55	25°38	27°13
M27	4 22 1	4°25'44	24°11	25°41	11°13	4°36	17°27	3°36	10° 3	22°57	27° 2	20°15	20°51	25°45	27°19
T 28	4 25 58	5°26'35	7♁38	26°45	12°28	5°22	17°39	3°43	10° 5	22°56	27° 4	20°12	20°48	25°52	27°24
W29	4 29 55	6°27'27	21°36	27°45	13°44	6° 8	17°51	3°49	10° 7	22°55	27° 7	20° 5	20°45	25°59	27°29
T 30	4 33 51	7♁28'20	6♁3	28♁41	14♁59	6♁53	18♁4	3♁56	10♁9	22♁54	27♁9	19♁56	20♁42	26♁5	27♁34

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	14s16	8s58	3s53	18s40	1s 7	13s36	0n50	24s23	1s46	23s11	0s19	9s35	2n15	18s33	0s40	20n56	0s33	6s41	12n57	13s49	14s 7	27n42	1s29	3s59
T 2	14 35 15	4 33 19	11 13 14	1 0 48	24 17	1 46 23	10 0 19	9 38	2 15	18 32	0 40	20 56	0 33	6 41	12 57	13 52	14 8	27 42	1 32	3 59				
F 3	14 54 20	4 56 19	41 1 19	14 27	0 46	24 11	1 45 23	9 0 19	9 40	2 15	18 32	0 40	20 56	0 33	6 42	12 57	13 56	14 9	27 42	1 35	3 59			
S 4	15 13 24	4 59 20	9 1 25	14 52	0 44	24 5	1 44 23	8 0 19	9 43	2 15	18 32	0 40	20 56	0 33	6 43	12 57	13 59	14 10	27 42	1 38	3 59			
S 5	15 32 27	4 42 20	37 1 31	15 17	0 42	23 58	1 44 23	7 0 19	9 45	2 15	18 32	0 40	20 56	0 33	6 43	12 56	14 3	14 11	27 42	1 41	3 59			
M 6	15 50 27	3 4 6	21 4 1	36 15	41 0	40 23	52 1 43	23 6 0 19	9 48	2 15	18 32	0 40	20 56	0 33	6 44	12 56	14 6	14 12	27 42	1 44	3 59			
T 7	16 8 26	3 13 21	30 1 42	16 5	0 37	23 45	1 42 23	5 0 19	9 50	2 15	18 31	0 40	20 56	0 33	6 45	12 56	14 7	14 13	27 42	1 46	3 59			
W 8	16 26 22	2 10 21	54 1 47	16 28	0 35	23 37	1 42 23	4 0 19	9 52	2 15	18 31	0 40	20 56	0 33	6 45	12 56	14 8	14 14	27 42	1 49	3 59			
T 9	16 43 18	3 1 0	22 18 1 52	16 51	0 33	23 30	1 41 23	3 0 20	9 55	2 15	18 31	0 40	20 56	0 33	6 46	12 56	14 9	14 15	27 41	1 52	3 59			
F 10	17 1 13	15 0n11	22 40 1 57	17 14	0 31	23 22	1 40 23	2 0 20	9 57	2 15	18 30	0 40	20 56	0 33	6 47	12 56	14 9	14 16	27 41	1 55	3 59			
S 11	17 17 7	2 28 2 1	21 23 2 1	17 36	0 29	23 14	1 40 23	1 0 20	10 0	2 15	18 30	0 40	20 57	0 33	6 47	12 56	14 9	14 17	27 41	1 57	4 0			
S 12	17 34 1 30	2 24 23	22 2 5	17 58	0 26	23 6	1 39 23	0 0 20	10 2	2 15	18 30	0 40	20 57	0 33	6 48	12 55	14 9	14 19	27 41	2 0	4 0			
M13	17 50 4n26	3 19 23	41 2 9	18 19	0 24	22 57	1 38 22	59 0 20	10 4	2 15	18 29	0 40	20 57	0 33	6 48	12 55	14 11	14 20	27 41	2 3	4 0			
T 14	18 6 10	4 4 23	58 2 13	18 40	0 22	22 49	1 38 22	58 0 20	10 7	2 15	18 29	0 40	20 57	0 33	6 49	12 55	14 14	14 21	27 41	2 5	4 0			
W15	18 22 15	4 35 24	15 2 17	19 0	0 19	22 40	1 37 22	57 0 20	10 9	2 15	18 29	0 40	20 57	0 33	6 50	12 55	14 17	14 22	27 40	2 8	4 0			
T 16	18 38 19	4 4 54	24 30 2 20	19 20	0 17	22 30	1 36 22	55 0 20	10 11	2 15	18 28	0 40	20 57	0 33	6 50	12 55	14 21	14 23	27 40	2 11	4 0			
F 17	18 53 23	21 4 59	24 44 2 22	19 39	0 15	22 21	1 36 22	54 0 20	10 14	2 16	18 28	0 40	20 57	0 33	6 51	12 55	14 26	14 24	27 40	2 13	4 0			
S 18	19 7 25	5 4 51	24 57 2 25	19 58	0 12	22 11	1 35 22	53 0 20	10 16	2 16	18 27	0 40	20 57	0 33	6 52	12 55	14 31	14 25	27 40	2 16	4 0			
S 19	19 22 27	18 4 29	25 8 2 27	20 16	0 10	22 1	1 34 22	52 0 20	10 18	2 16	18 27	0 40	20 57	0 33	6 52	12 55	14 35	14 26	27 40	2 18	4 0			
M20	19 36 27	24 3 56	25 18 2 28	20 33	0 8	21 51	1 33 22	50 0 20	10 20	2 16	18 27	0 40	20 57	0 33	6 53	12 55	14 39	14 27	27 39	2 21	4 1			
T 21	19 49 26	15 3 13	25 36 2 29	20 50	0 5	21 41	1 33 22	49 0 20	10 23	2 16	18 26	0 39	20 58	0 33	6 53	12 55	14 42	14 28	27 39	2 23	4 1			
W22	20 3 23	5 6 2 22	25 33 2 29	21 6	0 3	21 30	1 32 22	48 0 20	10 25	2 16	18 26	0 39	20 58	0 33	6 54	12 55	14 43	14 29	27 39	2 26	4 1			
T 23	20 16 20	3 1 23	25 39 2 29	21 22	0 0	21 19	1 31 22	46 0 20	10 27	2 16	18 25	0 39	20 58	0 33	6 54	12 55	14 44	14 30	27 39	2 28	4 1			
F 24	20 28 16	17 0 21	25 43 2 29	21 37	0s 2	21 8	1 30 22	45 0 20	10 29	2 16	18 25	0 39	20 58	0 33	6 55	12 54	14 45	14 31	27 38	2 30	4 1			
S 25	20 40 11	17 0s44	25 46 2 27	21 51	0 4	20 57	1 30 22	43 0 20	10 31	2 16	18 24	0 39	20 58	0 33	6 55	12 54	14 45	14 32	27 38	2 33	4 1			
S 26	20 52 5 42	1 48 25	47 2 25	22 5	0 7	20 46	1 29 22	42 0 21	10 34	2 16	18 24	0 39	20 58	0 33	6 56	12 54	14 45	14 33	27 38	2 35	4 1			
M27	21 4 0s17	2 49 25	46 2 22	22 18	0 9	20 34	1 28 22	40 0 21	10 36	2 16	18 23	0 39	20 59	0 33	6 57	12 54	14 45	14 34	27 38	2 37	4 2			
T 28	21 15 6 27	3 43 25	45 2 19	22 31	0 12	20 22	1 27 22	39 0 21	10 38	2 16	18 23	0 39	20 59	0 33	6 57	12 54	14 46	14 35	27 37	2 40	4 2			
W29	21 25 12 32	4 26 25	41 2 14	22 43	0 14	20 10	1 27 22	37 0 21	10 40	2 17	18 22	0 39	20 59	0 33	6 58	12 54	14 48	14 36	27 37	2 42	4 2			
T 30	21s35	18s10	4s53	25s37	2s 9	22s54	0s16	19s58	1s26	22s36	0s21	10s42	2n17	18s21	0s39	20n59	0s33	6s58	12n54	14s51	14s37	27n37	2s44	4s 2

SWISS EPHEMERIS for the year 1747

DECEMBER 1747

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	4 37 48	8 ^s 29'15	20 ^m 56	29 ^s 32	16 ^s 15	7 ^s 39	18 ^s 16	4 ^m 2	10 ^s 11	22 ^o R53	27 ^m 11	19 ^o R46	20 ^s 39	26 ^h 12	27 ^m 39
S 2	4 41 44	9 ^o 30'11	6 ^s 7	0 ^s 18	17 ^o 30	8 ^o 25	18 ^o 28	4 ^o 8	10 ^o 13	22 ^o 52	27 ^o 14	19 ^o 35	20 ^o 36	26 ^o 19	27 ^o 44
S 3	4 45 41	10 ^o 31'08	21 ^o 24	0 ^o 57	18 ^o 45	9 ^o 11	18 ^o 41	4 ^o 15	10 ^o 15	22 ^o 51	27 ^o 16	19 ^o 25	20 ^o 32	26 ^o 25	27 ^o 49
M 4	4 49 37	11 ^o 32'06	6 ^s 38	1 ^o 29	20 ^o 1	9 ^o 57	18 ^o 53	4 ^o 21	10 ^o 17	22 ^o 50	27 ^o 18	19 ^o 16	20 ^o 29	26 ^o 32	27 ^o 54
T 5	4 53 34	12 ^o 33'05	21 ^o 36	1 ^o 53	21 ^o 16	10 ^o 43	19 ^o 6	4 ^o 27	10 ^o 19	22 ^o 48	27 ^o 21	19 ^o 11	20 ^o 26	26 ^o 39	27 ^o 58
W 6	4 57 30	13 ^o 34'05	6 ^s 14	2 ^o 8	22 ^o 32	11 ^o 29	19 ^o 19	4 ^o 33	10 ^o 22	22 ^o 47	27 ^o 23	19 ^o 8	20 ^o 23	26 ^o 45	28 ^o 3
T 7	5 1 27	14 ^o 35'05	20 ^o 25	2 ^o R14	23 ^o 47	12 ^o 15	19 ^o 31	4 ^o 40	10 ^o 24	22 ^o 46	27 ^o 25	19 ^o D 8	20 ^o 20	26 ^o 52	28 ^o 7
F 8	5 5 24	15 ^o 36'06	4 ^s 10	2 ^o 9	25 ^o 2	13 ^o 1	19 ^o 44	4 ^o 46	10 ^o 26	22 ^o 45	27 ^o 28	19 ^o 8	20 ^o 17	26 ^o 59	28 ^o 12
S 9	5 9 20	16 ^o 37'07	17 ^o 30	1 ^o 53	26 ^o 18	13 ^o 47	19 ^o 57	4 ^o 52	10 ^o 29	22 ^o 43	27 ^o 30	19 ^o R 8	20 ^o 13	27 ^o 6	28 ^o 16
S 10	5 13 17	17 ^o 38'08	0 ^s 28	1 ^o 26	27 ^o 33	14 ^o 33	20 ^o 10	4 ^o 58	10 ^o 31	22 ^o 42	27 ^o 32	19 ^o 8	20 ^o 10	27 ^o 12	28 ^o 20
M 11	5 17 13	18 ^o 39'11	13 ^o 9	0 ^o 47	28 ^o 48	15 ^o 19	20 ^o 23	5 ^o 4	10 ^o 33	22 ^o 41	27 ^o 34	19 ^o 4	20 ^o 7	27 ^o 19	28 ^o 24
T 12	5 21 10	19 ^o 40'13	25 ^o 34	29 ^s 57	0 ^s 4	16 ^o 5	20 ^o 36	5 ^o 10	10 ^o 36	22 ^o 39	27 ^o 37	18 ^o 59	20 ^o 4	27 ^o 26	28 ^o 28
W 13	5 25 6	20 ^o 41'17	7 ^s 49	2 ^o 56	1 ^o 19	16 ^o 51	20 ^o 49	5 ^o 15	10 ^o 38	22 ^o 38	27 ^o 39	18 ^o 51	20 ^o 1	27 ^o 32	28 ^o 32
T 14	5 29 3	21 ^o 42'20	19 ^o 55	2 ^o 47	2 ^o 34	17 ^o 37	21 ^o 2	5 ^o 21	10 ^o 41	22 ^o 37	27 ^o 41	18 ^o 41	19 ^o 57	27 ^o 39	28 ^o 35
F 15	5 32 59	22 ^o 43'25	1 ^h 55	2 ^o 31	3 ^o 50	18 ^o 23	21 ^o 16	5 ^o 27	10 ^o 44	22 ^o 35	27 ^o 43	18 ^o 30	19 ^o 54	27 ^o 46	28 ^o 39
S 16	5 36 56	23 ^o 44'29	13 ^o 50	2 ^o 51	5 ^o 5	19 ^o 9	21 ^o 29	5 ^o 32	10 ^o 46	22 ^o 34	27 ^o 46	18 ^o 18	19 ^o 51	27 ^o 52	28 ^o 42
S 17	5 40 53	24 ^o 45'35	25 ^o 42	2 ^o 34	6 ^o 20	19 ^o 55	21 ^o 42	5 ^o 38	10 ^o 49	22 ^o 32	27 ^o 48	18 ^o 8	19 ^o 48	27 ^o 59	28 ^o 46
M 18	5 44 49	25 ^o 46'41	7 ^s 32	2 ^o 25	7 ^o 36	20 ^o 41	21 ^o 56	5 ^o 44	10 ^o 51	22 ^o 31	27 ^o 50	17 ^o 59	19 ^o 45	28 ^o 6	28 ^o 49
T 19	5 48 46	26 ^o 47'47	19 ^o 23	2 ^o 7	8 ^o 51	21 ^o 27	22 ^o 9	5 ^o 49	10 ^o 54	22 ^o 29	27 ^o 52	17 ^o 52	19 ^o 42	28 ^o 12	28 ^o 52
W 20	5 52 42	27 ^o 48'54	1 ^h 15	19 ^o 54	10 ^o 6	22 ^o 13	22 ^o 22	5 ^o 54	10 ^o 57	22 ^o 28	27 ^o 54	17 ^o 48	19 ^o 38	28 ^o 19	28 ^o 55
T 21	5 56 39	28 ^o 50'01	13 ^o 13	18 ^o 50	11 ^o 22	22 ^o 59	22 ^o 36	6 ^o 0	11 ^o 0	22 ^o 26	27 ^o 56	17 ^o D47	19 ^o 35	28 ^o 26	28 ^o 58
F 22	6 0 35	29 ^o 51'09	25 ^o 18	17 ^o 55	12 ^o 37	23 ^o 46	22 ^o 49	6 ^o 5	11 ^o 3	22 ^o 25	27 ^o 59	17 ^o 47	19 ^o 32	28 ^o 33	29 ^o 1
S 23	6 4 32	0 ^s 52'18	7 ^m 35	17 ^o 10	13 ^o 52	24 ^o 32	23 ^o 3	6 ^o 10	11 ^o 5	22 ^o 23	28 ^o 1	17 ^o 48	19 ^o 29	28 ^o 39	29 ^o 3
S 24	6 8 29	1 ^o 53'27	2 ^o 8	16 ^o 36	15 ^o 7	25 ^o 18	23 ^o 17	6 ^o 15	11 ^o 8	22 ^o 22	28 ^o 3	17 ^o 49	19 ^o 26	28 ^o 46	29 ^o 6
M 25	6 12 25	2 ^o 54'36	3 ^o 2	16 ^o 12	16 ^o 23	26 ^o 4	23 ^o 30	6 ^o 20	11 ^o 11	22 ^o 20	28 ^o 5	17 ^o R50	19 ^o 23	28 ^o 53	29 ^o 8
T 26	6 16 22	3 ^o 55'46	16 ^o 21	15 ^o 59	17 ^o 38	26 ^o 50	23 ^o 44	6 ^o 25	11 ^o 14	22 ^o 19	28 ^o 7	17 ^o 49	19 ^o 19	28 ^o 59	29 ^o 11
W 27	6 20 18	4 ^o 56'57	0 ^m 7	15 ^o D56	18 ^o 53	27 ^o 36	23 ^o 58	6 ^o 30	11 ^o 17	22 ^o 17	28 ^o 9	17 ^o 46	19 ^o 16	29 ^o 6	29 ^o 13
T 28	6 24 15	5 ^o 58'08	14 ^o 22	16 ^o 1	20 ^o 9	28 ^o 22	24 ^o 12	6 ^o 35	11 ^o 20	22 ^o 15	28 ^o 11	17 ^o 42	19 ^o 13	29 ^o 13	29 ^o 15
F 29	6 28 11	6 ^o 59'19	29 ^o 3	16 ^o 16	21 ^o 24	29 ^o 8	24 ^o 25	6 ^o 40	11 ^o 23	22 ^o 14	28 ^o 13	17 ^o 36	19 ^o 10	29 ^o 19	29 ^o 17
S 30	6 32 8	8 ^o 0'31	14 ^s 6	16 ^o 38	22 ^o 39	29 ^o 54	24 ^o 39	6 ^o 45	11 ^o 26	22 ^o 12	28 ^o 15	17 ^o 30	19 ^o 7	29 ^o 26	29 ^o 19
S 31	6 36 4	9 ^s 1'43	29 ^s 21	17 ^s 7	23 ^s 54	0 ^h 40	24 ^h 53	6 ^m 49	11 ^s 29	22 ^h 10	28 ^m 17	17 ^s 24	19 ^s 3	29 ^h 33	29 ^m 21

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	21s45	22s52	5s 2	25s30	2s 2	23s 4	0s19	19s45	1s25	22s34	0s21	10s44	2n17	18s21	0s39	20n59	0s33	6s59	12n54	14s55	14s38	27n36	2s46	4s 2
S 2	21s44	26 6	4 49	25 23	1 54	23 14	0 21	19 32	1 24	22 33	0 21	10 46	2 17	18 20	0 39	20 59	0 33	6 59	12 54	14 58	14 39	27 36	2 48	4 2
S 3	22 3 27	28 4	4 17	25 14	1 45	23 23	0 24	19 20	1 23	22 31	0 21	10 48	2 17	18 20	0 39	21 0	0 33	6 59	12 54	15 1	14 40	27 36	2 50	4 3
M 4	22 12 26	44 3	3 25	25 3	1 35	23 32	0 26	19 6	1 23	22 29	0 21	10 50	2 17	18 19	0 39	21 0	0 33	7 0	12 54	15 4	14 41	27 35	2 52	4 3
T 5	22 20 24	3 2	2 21	24 52	1 24	23 39	0 28	18 53	1 22	22 28	0 21	10 52	2 17	18 18	0 39	21 0	0 33	7 0	12 54	15 6	14 42	27 35	2 54	4 3
W 6	22 28 19	51 1	8 24	39 1	1 11	23 46	0 31	18 40	1 21	22 26	0 21	10 54	2 17	18 18	0 39	21 0	0 33	7 1	12 55	15 6	14 43	27 35	2 56	4 3
T 7	22 35 14	36 0n	7 24	24 9	0 57	23 52	0 33	18 26	1 20	22 24	0 21	10 56	2 18	18 17	0 39	21 0	0 33	7 1	12 55	15 7	14 44	27 34	2 58	4 3
F 8	22 42 8	46 1	1 19	24 9	0 41	23 58	0 35	18 12	1 19	22 22	0 21	10 58	2 18	18 17	0 39	21 1	0 33	7 2	12 55	15 6	14 45	27 34	3 0	4 3
S 9	22 48 2	43 2	2 25	23 52	0 25	24 3	0 37	17 58	1 19	22 20	0 21	11 0	2 18	18 16	0 39	21 1	0 33	7 2	12 55	15 6	14 46	27 34	3 2	4 4
S 10	22 54 3n	16 3	2 22	23 34	0 7	24 7	0 40	17 44	1 18	22 19	0 21	11 2	2 18	18 15	0 39	21 1	0 33	7 3	12 55	15 7	14 47	27 33	3 4	4 4
M 11	22 59 8	59 4	4 7	23 16	0n	13 24	0 42	17 30	1 17	22 17	0 21	11 3	2 18	18 14	0 39	21 1	0 33	7 3	12 55	15 8	14 48	27 33	3 6	4 4
T 12	23 4 14	14 4	4 40	22 56	0 32	24 12	0 44	17 15	1 16	22 15	0 22	11 5	2 18	18 14	0 39	21 1	0 33	7 3	12 55	15 9	14 49	27 32	3 7	4 4
W 13	23 9 18	50 4	5 49	22 36	0 52	24 14	0 46	17 0	1 15	22 13	0 22	11 7	2 18	18 13	0 39	21 2	0 33	7 4	12 55	15 12	14 50	27 32	3 9	4 4
T 14	23 13 22	37 5	4 22																					