

SWISS EPHEMERIS for the year 1749

JANUARY 1749

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	6 43 0	10♌49'26	10♐46	22♌14	2♌0	7♍16	22♌36	17♍49	15♌24	24°R24	0♌45	28°R43	29♌37	10♌17	16♌47
T 2	6 46 57	11°50'35	23° 3	23°39	3°12	7°52	22°49	17°54	15°27	24♌23	0°47	28♌40	29°34	10°23	16°51
F 3	6 50 54	12°51'44	5♌11	25° 5	4°25	8°28	23° 2	17°59	15°30	24°21	0°49	28°38	29°31	10°30	16°54
S 4	6 54 50	13°52'53	17°11	26°32	5°38	9° 4	23°14	18° 5	15°33	24°19	0°51	28°37	29°28	10°37	16°57
S 5	6 58 47	14°54'01	29° 4	27°59	6°51	9°40	23°27	18°10	15°36	24°18	0°53	28°D36	29°25	10°43	17° 0
M 6	7 2 43	15°55'10	10♌53	29°27	8° 3	10°16	23°40	18°14	15°40	24°16	0°55	28°37	29°22	10°50	17° 3
T 7	7 6 40	16°56'18	22°41	0♌55	9°16	10°52	23°53	18°19	15°43	24°14	0°57	28°38	29°18	10°57	17° 6
W 8	7 10 36	17°57'26	4♍29	2°24	10°29	11°28	24° 6	18°24	15°46	24°13	0°58	28°39	29°15	11° 3	17° 9
T 9	7 14 33	18°58'34	16°22	3°54	11°42	12° 3	24°19	18°29	15°49	24°11	1° 0	28°40	29°12	11°10	17°12
F 10	7 18 29	19°59'42	28°23	5°24	12°55	12°39	24°32	18°33	15°52	24° 9	1° 2	28°41	29° 9	11°16	17°14
S 11	7 22 26	21° 0'49	10♌38	6°55	14° 8	13°15	24°45	18°38	15°56	24° 8	1° 4	28°41	29° 6	11°23	17°17
S 12	7 26 23	22° 1'56	23° 9	8°26	15°21	13°50	24°59	18°42	15°59	24° 6	1° 5	28°R41	29° 3	11°30	17°19
M13	7 30 19	23° 3'03	6♍ 2	9°58	16°34	14°26	25°12	18°47	16° 2	24° 4	1° 7	28°41	28°59	11°36	17°21
T 14	7 34 16	24° 4'10	19°20	11°30	17°48	15° 1	25°25	18°51	16° 5	24° 3	1° 9	28°41	28°56	11°43	17°23
W15	7 38 12	25° 5'17	3♌ 5	13° 3	19° 1	15°37	25°39	18°55	16° 9	24° 1	1°10	28°40	28°53	11°50	17°25
T 16	7 42 9	26° 6'24	17°18	14°36	20°14	16°12	25°52	19° 0	16°12	23°59	1°12	28°40	28°50	11°56	17°27
F 17	7 46 5	27° 7'30	1♌55	16°10	21°27	16°48	26° 6	19° 4	16°15	23°57	1°13	28°40	28°47	12° 3	17°29
S 18	7 50 2	28° 8'35	16°52	17°45	22°41	17°23	26°19	19° 8	16°19	23°56	1°15	28°40	28°43	12°10	17°31
S 19	7 53 59	29° 9'40	2♌ 2	19°20	23°54	17°58	26°33	19°11	16°22	23°54	1°16	28°40	28°40	12°16	17°32
M20	7 57 55	0♌10'44	17°14	20°56	25° 8	18°34	26°47	19°15	16°25	23°52	1°18	28°40	28°37	12°23	17°34
T 21	8 1 52	1°11'47	2♌19	22°32	26°21	19° 9	27° 0	19°19	16°29	23°51	1°19	28°40	28°34	12°30	17°35
W22	8 5 48	2°12'49	17° 8	24° 9	27°35	19°44	27°14	19°23	16°32	23°49	1°21	28°39	28°31	12°36	17°36
T 23	8 9 45	3°13'49	1♌36	25°46	28°48	20°19	27°28	19°26	16°35	23°47	1°22	28°39	28°28	12°43	17°37
F 24	8 13 41	4°14'49	15°39	27°25	0♌ 2	20°54	27°42	19°30	16°39	23°46	1°23	28°38	28°24	12°50	17°38
S 25	8 17 38	5°15'47	29°16	29° 3	1°15	21°29	27°56	19°33	16°42	23°44	1°25	28°D38	28°21	12°56	17°39
S 26	8 21 34	6°16'45	12♌28	0♌43	2°29	22° 4	28°10	19°36	16°46	23°42	1°26	28°38	28°18	13° 3	17°39
M27	8 25 31	7°17'41	25°18	2°23	3°42	22°38	28°24	19°40	16°49	23°41	1°27	28°38	28°15	13°10	17°40
T 28	8 29 28	8°18'35	7♐50	4° 4	4°56	23°13	28°38	19°43	16°53	23°39	1°29	28°39	28°12	13°16	17°40
W29	8 33 24	9°19'29	20° 6	5°46	6°10	23°48	28°52	19°46	16°56	23°37	1°30	28°40	28° 9	13°23	17°40
T 30	8 37 21	10°20'21	2♌11	7°28	7°23	24°23	29° 6	19°49	17° 0	23°36	1°31	28°41	28° 5	13°29	17°41
F 31	8 41 17	11°21'12	14♌ 7	9♌11	8♌37	24♍57	29♌20	19♍51	17° 3	23♌34	1°32	28♌42	28♌ 2	13♌36	17°R41

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	23s 2	25n58	3n55	22s54	0n21	18s36	2n 2	12s53	1n 8	14s52	0s55	15s 3	2n12	16s53	0s40	20n48	0s29	8s 6	12n30	20s27	20s15	16n46	8s33	2s 6
T 2	22 57	26 22	3 4	23 6	0 13	18 52	2 0	13 5	1 8	14 48	0 55	15 5	2 12	16 52	0 40	20 48	0 29	8 6	12 30	20 27	20 16	16 44	8 34	2 6
F 3	22 51	25 28	2 6	23 18	0 5	19 7	1 58	13 17	1 8	14 43	0 55	15 6	2 12	16 51	0 40	20 48	0 29	8 6	12 30	20 28	20 17	16 41	8 35	2 6
S 4	22 45	23 24	1 3	23 28	0s 2	19 22	1 56	13 29	1 7	14 39	0 55	15 7	2 12	16 50	0 40	20 49	0 29	8 6	12 30	20 28	20 17	16 38	8 36	2 6
S 5	22 38	20 20	0s 3	23 37	0 10	19 36	1 54	13 40	1 7	14 35	0 55	15 9	2 12	16 49	0 40	20 49	0 29	8 7	12 30	20 28	20 18	16 36	8 38	2 6
M 6	22 31	16 26	1 8	23 45	0 17	19 50	1 52	13 52	1 7	14 31	0 55	15 10	2 13	16 48	0 40	20 49	0 29	8 7	12 31	20 28	20 19	16 33	8 39	2 6
T 7	22 24	11 56	2 10	23 52	0 24	20 4	1 50	14 3	1 6	14 26	0 55	15 11	2 13	16 47	0 40	20 49	0 29	8 7	12 31	20 28	20 19	16 31	8 40	2 6
W 8	22 16	6 59	3 6	23 58	0 31	20 17	1 48	14 15	1 6	14 22	0 55	15 12	2 13	16 46	0 40	20 50	0 29	8 7	12 31	20 28	20 20	16 28	8 41	2 6
T 9	22 8	1 46	3 55	24 3	0 38	20 29	1 45	14 26	1 6	14 18	0 55	15 13	2 13	16 45	0 40	20 50	0 29	8 7	12 31	20 27	20 21	16 25	8 42	2 6
F 10	21 59	3s33	4 35	24 6	0 45	20 41	1 43	14 37	1 5	14 13	0 55	15 14	2 13	16 44	0 40	20 50	0 29	8 7	12 32	20 27	20 21	16 23	8 43	2 6
S 11	21 50	8 51	5 2	24 8	0 51	20 52	1 40	14 48	1 5	14 9	0 55	15 15	2 13	16 43	0 40	20 51	0 29	8 7	12 32	20 27	20 22	16 20	8 44	2 5
S 12	21 40	13 54	5 16	24 9	0 57	21 3	1 38	14 59	1 5	14 4	0 55	15 16	2 13	16 42	0 40	20 51	0 29	8 7	12 32	20 27	20 23	16 17	8 44	2 5
M13	21 30	18 30	5 15	24 9	1 3	21 13	1 35	15 10	1 4	14 0	0 55	15 18	2 14	16 41	0 40	20 51	0 29	8 7	12 32	20 27	20 23	16 15	8 45	2 5
T 14	21 20	22 21	4 58	24 7	1 9	21 22	1 33	15 21	1 4	13 55	0 55	15 19	2 14	16 40	0 40	20 52	0 29	8 8	12 33	20 27	20 24	16 12	8 46	2 5
W15	21 9	25 6	4 23	24 4	1 14	21 31	1 30	15 31	1 4	13 51	0 55	15 19	2 14	16 39	0 40	20 52	0 29	8 8	12 33	20 27	20 25	16 9	8 47	2 5
T 16	20 57	26 21	3 31	24 0	1 20	21 39	1 28	15 42	1 3	13 46	0 55	15 20	2 14	16 38	0 40	20 52	0 29	8 8	12 33	20 27	20 25	16 7	8 47	2 5
F 17	20 46	25 51	2 23	23 54	1 25	21 47	1 25	15 52	1 3	13 42	0 55	15 21	2 14	16 37	0 40	20 52	0 29	8 8	12 33	20 27	20 26	16 4	8 48	2 5
S 18	20 34	23 29	1 5	23 46	1 30	21 54	1 22	16 3	1 3	13 37	0 55	15 22	2 15	16 36	0 40	20 53	0 29	8 8	12 34	20 27	20 27	16 1	8 48	2 5
S 19	20 21	19 26	0n19	23 38	1 34	22 1	1 19	16 13	1 2	13 32	0 55	15 23	2 15	16 35	0 40	20 53	0 29	8 8	12 34	20 27	20 27	15 59	8 49	2 5
M20	20 8	14 5	1 41	23 28	1 38	22 6	1 17	16 23	1 2	13 28	0 55	15 24	2 15	16 34	0 40	20 53	0 29	8 8	12 34	20 27	20 28	15 56	8 49	2 5
T 21	19 55	7 55	2 57	23 16	1 42	22 12	1 14	16 33	1 2	13 23	0 55	15 25	2 15	16 33	0 40	20 54	0 29	8 8	12 34	20 27	20 29	15 53	8 50	2 5
W22	19 42	1 26	3 58	23 3	1 46	22 16	1 11	16 43	1 1	13 18	0 55	15 26	2 15	16 32	0 40	20 54	0 29	8 8	12 35	20 28	20 29	15 51	8 50	2 4
T 23	19 28	4n58	4 43	22 49	1 50	22 20	1 8	16 53	1 1	13 13	0 55	15 26	2 15	16 31	0 40	20 54	0 29	8 8	12 35	20 28	20 30	15 48	8 50	2 4
F 24	19 13	10 56	5 10	22 33	1 53	22 23	1 5	17 2	1 0	13 9	0 55	15 27	2 16	16 30	0 40	20 55	0 29	8 8	12 35	20 28	20 31	15 45	8 50	2 4
S 25	18 59	16 11	5 18	22 15	1 55	22 26	1 2	17 12	1 0	13 4	0 55	15 28	2 16	16 29	0 40	20 55	0 29	8 8	12 36	20 28	20 31	15 43	8 51	2 4
S 26	18 44	20 30	5 9	21 57	1 58	22 28	0 59	17 21	0 59	12 59	0 55	15 29	2 16	16 28	0 40	20 55	0 29	8 7	12 36	20 28	20 32	15 40	8 51	2 4
M27	18 28	23 43	4 44	21 36	2 0	22 29	0 56	17 30	0 59	12 54	0 55	15 29	2 16	16 27	0 40	20 55	0 29	8 7	12 36	20 28	20 32	15 37	8 51	2 4
T 28	18 13	25 42	4 7	21 14	2 2	22 30	0 53	17 40	0 58	12 49	0 55	15 30	2 16	16 26	0 40	20 56	0 29	8 7	12 37	20 28	20 33	15 34	8 51	2

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

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	17s 7	21n14	0n15	19s31	2s 5	22s26	0n41	18s15	0n57	12s30	0s55	15s32	2n17	16s22	0s40	20n57	0s29	8s 7	12n38	20s27	20s36	15n24	8s51	2s 3
S 2	16 50	17 33	0s50	19 1	2 4	22 23	0 38	18 24	0 56	12 25	0 55	15 33	2 17	16 21	0 40	20 57	0 29	8 7	12 38	20 27	20 36	15 21	8 51	2 3
M 3	16 32	13 11	1 53	18 30	2 4	22 19	0 35	18 32	0 55	12 20	0 55	15 33	2 18	16 20	0 40	20 58	0 28	8 7	12 39	20 27	20 37	15 18	8 50	2 3
T 4	16 14	8 19	2 51	17 57	2 2	22 15	0 32	18 41	0 55	12 15	0 55	15 34	2 18	16 19	0 40	20 58	0 28	8 7	12 39	20 27	20 38	15 15	8 50	2 3
W 5	15 56	3 9	3 42	17 23	2 1	22 11	0 29	18 49	0 54	12 10	0 55	15 34	2 18	16 18	0 40	20 58	0 28	8 6	12 39	20 28	20 38	15 13	8 50	2 3
T 6	15 38	2s10	4 24	16 47	1 59	22 5	0 26	18 57	0 54	12 4	0 55	15 34	2 18	16 17	0 40	20 58	0 28	8 6	12 40	20 29	20 39	15 10	8 49	2 3
F 7	15 19	7 26	4 54	16 10	1 56	21 59	0 23	19 5	0 53	11 59	0 55	15 35	2 18	16 15	0 40	20 59	0 28	8 6	12 40	20 29	20 39	15 7	8 49	2 3
S 8	15 0	12 31	5 12	15 31	1 53	21 52	0 20	19 13	0 53	11 54	0 55	15 35	2 19	16 14	0 40	20 59	0 28	8 6	12 40	20 30	20 40	15 5	8 48	2 2
S 9	14 41	17 11	5 15	14 51	1 49	21 45	0 17	19 21	0 52	11 49	0 55	15 36	2 19	16 13	0 40	20 59	0 28	8 6	12 41	20 30	20 41	15 2	8 48	2 2
M 10	14 22	21 11	5 2	14 10	1 44	21 37	0 14	19 29	0 52	11 44	0 55	15 36	2 19	16 12	0 40	20 59	0 28	8 6	12 41	20 31	20 41	14 59	8 47	2 2
T 11	14 2	24 14	4 34	13 27	1 39	21 28	0 11	19 36	0 51	11 39	0 55	15 36	2 19	16 11	0 40	21 0	0 28	8 5	12 41	20 31	20 42	14 56	8 47	2 2
W 12	13 42	26 1	3 50	12 42	1 34	21 19	0 8	19 43	0 50	11 34	0 55	15 36	2 19	16 10	0 40	21 0	0 28	8 5	12 42	20 30	20 43	14 54	8 46	2 2
T 13	13 22	26 15	2 51	11 57	1 28	21 9	0 5	19 51	0 50	11 29	0 55	15 37	2 20	16 9	0 40	21 0	0 28	8 5	12 42	20 30	20 43	14 51	8 45	2 2
F 14	13 2	24 44	1 39	11 10	1 21	20 59	0 2	19 58	0 49	11 24	0 55	15 37	2 20	16 8	0 40	21 0	0 28	8 5	12 42	20 30	20 44	14 48	8 45	2 2
S 15	12 42	21 30	0 20	10 22	1 13	20 48	0s 1	20 5	0 48	11 18	0 55	15 37	2 20	16 7	0 40	21 1	0 28	8 5	12 43	20 30	20 44	14 45	8 44	2 1
S 16	12 21	16 47	1n 3	9 33	1 5	20 36	0 4	20 12	0 48	11 13	0 55	15 37	2 20	16 6	0 40	21 1	0 28	8 4	12 43	20 30	20 45	14 43	8 43	2 1
M 17	12 0	10 56	2 21	8 44	0 56	20 23	0 7	20 19	0 47	11 8	0 55	15 37	2 20	16 5	0 40	21 1	0 28	8 4	12 43	20 30	20 46	14 40	8 42	2 1
T 18	11 39	4 28	3 30	7 54	0 47	20 10	0 10	20 25	0 46	11 3	0 55	15 37	2 21	16 4	0 40	21 1	0 28	8 4	12 44	20 31	20 46	14 37	8 41	2 1
W 19	11 17	2n11	4 23	7 3	0 37	19 57	0 13	20 32	0 46	10 57	0 55	15 37	2 21	16 3	0 40	21 2	0 28	8 4	12 44	20 32	20 47	14 34	8 40	2 1
T 20	10 56	8 33	4 57	6 12	0 26</																			

SWISS EPHEMERIS for the year 1749

MARCH 1749

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Day	Sid.t	☉	☽	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	
S 1	10 35 37	10 ^h 35 ^m 58 ^s	4 ^h 04 ^m 43 ^s	28 ^h 42 ^m	14 ^h 21 ^m	11 ^h 4 ^m	6 ^h 17 ^m	20°R30	18 ^h 42 ^m	22°R55	1 ^h 50 ^m	28°R 6	26 ^h 30 ^m	16 ^h 04 ^m 49 ^s	16°R52					
S 2	10 39 34	11°36'02	16°30	29°44	15°35	11°36	6°32	20 ^h 30 ^m	18°46	22 ^h 05 ^m 4 ^s	1°51	28 ^h 05 ^m	26°27	16°56	16 ^h 04 ^m 49 ^s					
M 3	10 43 30	12°36'04	28°20	0 ^h 39 ^m	16°49	12° 8	6°46	20°30	18°49	22°53	1°51	28° 0	26°24	17° 2	16°46					
T 4	10 47 27	13°36'05	10 ^h 15 ^m	1°25	18° 3	12°39	7° 1	20°29	18°52	22°52	1°51	27°54	26°21	17° 9	16°42					
W 5	10 51 24	14°36'03	22°16	2° 4	19°17	13°11	7°15	20°29	18°56	22°51	1°R51	27°46	26°17	17°16	16°39					
T 6	10 55 20	15°36'00	4 ^h 26 ^m	2°34	20°31	13°42	7°29	20°28	18°59	22°50	1°51	27°37	26°14	17°22	16°35					
F 7	10 59 17	16°35'54	16°45	2°55	21°45	14°13	7°44	20°28	19° 2	22°49	1°51	27°28	26°11	17°29	16°32					
S 8	11 3 13	17°35'47	29°15	3° 7	22°59	14°44	7°58	20°27	19° 5	22°49	1°50	27°19	26° 8	17°36	16°28					
S 9	11 7 10	18°35'38	11 ^h 57 ^m	3°R11	24°13	15°15	8°13	20°26	19° 8	22°48	1°50	27°12	26° 5	17°42	16°24					
M10	11 11 6	19°35'28	24°52	3° 5	25°27	15°46	8°27	20°25	19°11	22°47	1°50	27° 7	26° 1	17°49	16°21					
T 11	11 15 3	20°35'15	8 ^h 2 ^m	2°52	26°41	16°17	8°41	20°24	19°14	22°46	1°50	27° 4	25°58	17°56	16°17					
W12	11 18 59	21°35'02	21°30	2°30	27°55	16°47	8°56	20°23	19°18	22°46	1°50	27°D 3	25°55	18° 2	16°13					
T 13	11 22 56	22°34'46	5 ^h 31 ^m	2° 2	29° 9	17°18	9°10	20°21	19°21	22°45	1°49	27° 4	25°52	18° 9	16° 9					
F 14	11 26 52	23°34'29	19°23	1°26	0 ^h 23 ^m	17°48	9°24	20°20	19°24	22°44	1°49	27° 4	25°49	18°16	16° 4					
S 15	11 30 49	24°34'10	3 ^h 50 ^m	0°45	1°37	18°18	9°39	20°18	19°27	22°44	1°49	27°R 4	25°46	18°22	16° 0					
S 16	11 34 46	25°33'49	18°33	29 ^h 59 ^m	2°51	18°48	9°53	20°17	19°30	22°43	1°48	27° 3	25°42	18°29	15°56					
M17	11 38 42	26°33'26	3 ^h 29 ^m	29°10	4° 5	19°17	10° 7	20°15	19°33	22°42	1°48	26°58	25°39	18°35	15°52					
T 18	11 42 39	27°33'01	18°29	28°17	5°19	19°47	10°21	20°13	19°35	22°42	1°48	26°51	25°36	18°42	15°47					
W19	11 46 35	28°32'35	3 ^h 24 ^m	27°24	6°34	20°16	10°35	20°12	19°38	22°41	1°47	26°43	25°33	18°49	15°43					
T 20	11 50 32	29°32'06	18° 6	26°30	7°48	20°45	10°49	20°10	19°41	22°41	1°47	26°33	25°30	18°55	15°39					
F 21	11 54 28	0 ^h 31 ^m 35 ^s	2 ^h 26 ^m	25°37	9° 2	21°14	11° 3	20° 8	19°44	22°40	1°46	26°23	25°26	19° 2	15°34					
S 22	11 58 25	1°31'02	16°20	24°46	10°16	21°43	11°18	20° 5	19°47	22°40	1°46	26°14	25°23	19° 9	15°30					
S 23	12 2 21	2°30'27	29°46	23°57	11°30	22°11	11°32	20° 3	19°50	22°40	1°45	26° 7	25°20	19°15	15°25					
M24	12 6 18	3°29'49	12 ^h 14 ^m	23°12	12°44	22°40	11°46	20° 1	19°52	22°39	1°44	26° 3	25°17	19°22	15°21					
T 25	12 10 15	4°29'09	25°18	22°31	13°58	23° 8	12° 0	19°58	19°55	22°39	1°44	26° 1	25°14	19°29	15°16					
W26	12 14 11	5°28'27	7 ^h 33 ^m	21°55	15°12	23°36	12°13	19°56	19°58	22°39	1°43	26°D 0	25°11	19°35	15°11					
T 27	12 18 8	6°27'42	19°32	21°25	16°26	24° 3	12°27	19°53	20° 1	22°38	1°42	26° 1	25° 7	19°42	15° 7					
F 28	12 22 4	7°26'56	1 ^h 23 ^m	20°59	17°40	24°31	12°41	19°51	20° 3	22°38	1°42	26°R 1	25° 4	19°49	15° 2					
S 29	12 26 1	8°26'06	13°10	20°39	18°54	24°58	12°55	19°48	20° 6	22°38	1°41	25°59	25° 1	19°55	14°57					
S 30	12 29 57	9°25'15	24°58	20°25	20° 8	25°25	13° 9	19°45	20° 8	22°38	1°40	25°56	24°58	20° 2	14°52					
MB1	12 33 54	10 ^h 24 ^m 21 ^s	6 ^h 51 ^m	20 ^h 17 ^m	21 ^h 22 ^m	25 ^h 52 ^m	13 ^h 22 ^m	19 ^h 42 ^m	20 ^h 11 ^m	22 ^h 38 ^m	1 ^h 39 ^m	25 ^h 50 ^m	24 ^h 55 ^m	20 ^h 09 ^m	14 ^h 48 ^m					

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	decl	lat	lat	decl	lat	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	7s36	18n32	0s36	0n54	1n33	17s10	0s39	21s31	0n38	10s 5	0s56	15s36	2n23	15s52	0s40	21n 4	0s28	8s 1	12n48	20s34	20s53	14n 7	8s28	1s59																
S 2	7 13 14	21 1 38	1 32	1 47	16 51	0 42	21 36	0 37	9 59	0 56	15 36	2 23	15 51	0 40	21 4	0 28	8 0	12 48	20 35	20 54	14 4	8 27	1 59																	
M 3	6 50 9	38 2 36	2 6	2 1	16 31	0 44	21 41	0 36	9 54	0 56	15 36	2 23	15 50	0 40	21 4	0 28	8 0	12 48	20 35	20 54	14 1	8 25	1 58																	
T 4	6 27 4	32 3 28	2 37	2 14	16 11	0 46	21 46	0 35	9 49	0 56	15 35	2 24	15 49	0 40	21 4	0 28	8 0	12 49	20 37	20 55	13 58	8 24	1 58																	
W 5	6 4 0s46	4 11 3 4	2 27	15 50	0 49	21 51	0 34	9 44	0 56	15 35	2 24	15 49	0 40	21 5	0 28	7 59	12 49	20 38	20 55	13 55	8 22	1 58																		
T 6	5 41 6 5	4 42 3 28	2 40	15 28	0 51	21 56	0 33	9 38	0 56	15 35	2 24	15 48	0 40	21 5	0 28	7 59	12 49	20 40	20 56	13 53	8 20	1 58																		
F 7	5 18 11 14	5 2 3 47	2 51	15 7	0 53	22 1	0 32	9 33	0 56	15 34	2 24	15 47	0 40	21 5	0 28	7 59	12 50	20 42	20 57	13 50	8 19	1 57																		
S 8	4 55 16 0	5 7 4 1	3 2	14 45	0 55	22 5	0 31	9 28	0 56	15 34	2 24	15 46	0 40	21 5	0 28	7 58	12 50	20 44	20 57	13 47	8 17	1 57																		
S 9	4 31 20 9	4 57 4 11	3 11	14 22	0 57	22 10	0 30	9 22	0 56	15 34	2 25	15 45	0 40	21 5	0 28	7 58	12 50	20 45	20 58	13 44	8 15	1 57																		
M10	4 8 23 24	4 32 4 16	3 19	13 59	0 59	22 14	0 29	9 17	0 56	15 33	2 25	15 44	0 40	21 5	0 28	7 57	12 51	20 46	20 58	13 41	8 14	1 57																		
T 11	3 44 25 30	3 52 4 17	3 26	13 36	1 1	22 18	0 28	9 12	0 56	15 33	2 25	15 43	0 40	21 6	0 28	7 57	12 51	20 47	20 59	13 39	8 12	1 56																		
W12	3 21 26 11	2 59 4 13	3 30	13 12	1 3	22 22	0 27	9 6	0 56	15 32	2 25	15 42	0 40	21 6	0 28	7 57	12 51	20 47	21 0	13 36	8 10	1 56																		
T 13	2 57 25 16	1 54 4 4	3 34	12 48	1 5	22 26	0 26	9 1	0 57	15 32	2 25	15 41	0 40	21 6	0 28	7 56	12 52	20 47	21 0	13 33	8 8	1 56																		
F 14	2 33 22 45	0 41 3 52	3 35	12 23	1 7	22 30	0 24	8 56	0 57	15 31																														

SWISS EPHEMERIS for the year 1749

APRIL 1749

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
T 1	12 37 50	11°23'25	18°53'	20°D14	22°K36	26°A18	13°K36	19°R39	20°A13	22°R38	1°R38	25°R41	24°Z52	20°L15	14°R43
W 2	12 41 47	12°22'27	1°A 4	20°K17	23°50	26°45	13°50	19°M36	20°16	22°G38	1°A37	25°Z29	24°48	20°22	14°A38
T 3	12 45 44	13°21'26	13°28	20°24	25° 4	27°11	14° 3	19°33	20°18	22°D38	1°36	25°16	24°45	20°29	14°33
F 4	12 49 40	14°20'24	26° 4	20°38	26°17	27°37	14°17	19°30	20°21	22°38	1°36	25° 3	24°42	20°35	14°29
S 5	12 53 37	15°19'20	8°M51	20°56	27°31	28° 2	14°30	19°27	20°23	22°38	1°35	24°50	24°39	20°42	14°24
S 6	12 57 33	16°18'13	21°51	21°19	28°45	28°27	14°44	19°23	20°25	22°38	1°34	24°40	24°36	20°49	14°19
M 7	13 1 30	17°17'05	5°A 2	21°46	29°59	28°53	14°57	19°20	20°28	22°38	1°32	24°32	24°32	20°55	14°14
T 8	13 5 26	18°15'56	18°24	22°18	1°Y13	29°17	15°10	19°16	20°30	22°38	1°31	24°26	24°29	21° 2	14°10
W 9	13 9 23	19°14'44	1°Z58	22°53	2°27	29°42	15°23	19°13	20°32	22°38	1°30	24°24	24°26	21° 9	14° 5
T 10	13 13 19	20°13'31	15°43	23°33	3°41	0°Z 6	15°37	19° 9	20°34	22°39	1°29	24°23	24°23	21°15	14° 0
F 11	13 17 16	21°12'16	29°42	24°17	4°55	0°30	15°50	19° 6	20°36	22°39	1°28	24°23	24°20	21°22	13°55
S 12	13 21 13	22°10'59	13°A54	25° 4	6° 9	0°53	16° 3	19° 2	20°38	22°39	1°27	24°22	24°17	21°29	13°51
S 13	13 25 9	23° 9'41	28°17	25°54	7°23	1°16	16°16	18°58	20°40	22°39	1°26	24°20	24°13	21°35	13°46
M14	13 29 6	24° 8'21	12°K49	26°48	8°37	1°39	16°29	18°54	20°42	22°40	1°25	24°15	24°10	21°42	13°41
T 15	13 33 2	25° 6'59	27°26	27°44	9°51	2° 2	16°42	18°50	20°44	22°40	1°23	24° 7	24° 7	21°49	13°37
W16	13 36 59	26° 5'35	11°Y59	28°44	11° 5	2°24	16°55	18°46	20°46	22°41	1°22	23°56	24° 4	21°55	13°32
T 17	13 40 55	27° 4'10	26°24	29°46	12°19	2°46	17° 7	18°42	20°48	22°41	1°21	23°44	24° 1	22° 2	13°27
F 18	13 44 52	28° 2'42	10°Z32	0°Y51	13°32	3° 7	17°20	18°38	20°50	22°42	1°20	23°32	23°58	22° 9	13°23
S 19	13 48 48	29° 1'13	24°19	1°59	14°46	3°28	17°33	18°34	20°52	22°42	1°18	23°22	23°54	22°15	13°18
S 20	13 52 45	29°59'42	7°M42	3° 9	16° 0	3°49	17°45	18°30	20°53	22°43	1°17	23°13	23°51	22°22	13°14
M21	13 56 42	0°B58'08	20°40	4°22	17°14	4° 9	17°58	18°26	20°55	22°43	1°16	23° 7	23°48	22°29	13°10
T 22	14 0 38	1°56'33	3°G16	5°37	18°28	4°29	18°10	18°22	20°57	22°44	1°14	23° 4	23°45	22°35	13° 5
W23	14 4 35	2°54'55	15°32	6°54	19°42	4°49	18°22	18°18	20°58	22°44	1°13	23° 2	23°42	22°42	13° 1
T 24	14 8 31	3°53'16	27°34	8°13	20°56	5° 8	18°35	18°13	21° 0	22°45	1°11	23° 2	23°38	22°49	12°57
F 25	14 12 28	4°51'34	9°L26	9°34	22° 9	5°27	18°47	18° 9	21° 1	22°46	1°10	23° 2	23°35	22°55	12°53
S 26	14 16 24	5°49'50	21°15	10°58	23°23	5°45	18°59	18° 5	21° 3	22°47	1° 9	23° 1	23°32	23° 2	12°48
S 27	14 20 21	6°48'04	3°M 5	12°24	24°37	6° 3	19°11	18° 0	21° 4	22°47	1° 7	22°58	23°29	23° 9	12°44
M28	14 24 17	7°46'16	15° 2	13°51	25°51	6°20	19°23	17°56	21° 6	22°48	1° 6	22°53	23°26	23°15	12°40
T 29	14 28 14	8°44'26	27° 9	15°21	27° 5	6°37	19°35	17°52	21° 7	22°49	1° 4	22°45	23°23	23°22	12°36
W30	14 32 10	9°42'34	9°L30	16°Y52	28°Y18	6°Z53	19°K46	17°M47	21°A 8	22°G50	1°A 3	22°Z35	23°Z19	23°L29	12°A32

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	4n31	0n42	4s 2	3s44	0n10	4s17	1s28	23s25	0n 0	7s21	0s59	15s17	2n28	15s25	0s41	21n 7	0s27	7s49	12n58	21s 2	21s11	12n39	7s30	1s50
W 2	4 54	4s37	4 34	3 56	0s 5	3 49	1 29	23 28	0s 2	7 16	0 59	15 16	2 29	15 24	0 41	21 7	0 27	7 48	12 58	21 4	21 12	12 36	7 27	1 49
T 3	5 17	9 50	4 54	4 6	0 19	3 20	1 29	23 30	0 3	7 11	0 59	15 16	2 29	15 23	0 41	21 8	0 27	7 48	12 58	21 7	21 12	12 34	7 25	1 49
F 4	5 40	14 44	5 0	4 13	0 33	2 51	1 29	23 32	0 5	7 6	0 59	15 15	2 29	15 22	0 41	21 8	0 27	7 47	12 58	21 9	21 13	12 31	7 23	1 49
S 5	6 2 19	4 4 52	4 18	0 45	2 22	1 30	23 34	0 7	7 1	0 59	15 14	2 29	15 22	0 41	21 8	0 27	7 47	12 59	21 11	21 13	12 28	7 21	1 48	
S 6	6 25	22 34	4 28	4 20	0 58	1 52	1 30	23 36	0 8	6 56	0 59	15 13	2 29	15 21	0 41	21 8	0 27	7 46	12 59	21 13	21 14	12 25	7 19	1 48
M 7	6 48	24 56	3 49	4 20	1 9	1 23	1 30	23 38	0 10	6 51	0 59	15 11	2 29	15 20	0 41	21 8	0 27	7 46	12 59	21 15	21 15	12 22	7 16	1 48
T 8	7 10	25 55	2 58	4 18	1 20	0 54	1 30	23 40	0 12	6 46	0 59	15 10	2 29	15 20	0 41	21 8	0 27	7 46	12 59	21 16	21 15	12 19	7 14	1 47
W 9	7 33	25 23	1 56	4 13	1 31	0 24	1 31	23 42	0 14	6 41	1 0	15 9	2 29	15 19	0 41	21 8	0 27	7 45	13 0	21 16	21 16	12 16	7 12	1 47
T 10	7 55	23 18	0 46	4 6	1 40	0n 5	1 31	23 44	0 16	6 36	1 0	15 8	2 29	15 18	0 41	21 8	0 27	7 45	13 0	21 16	21 16	12 14	7 10	1 46
F 11	8 17	19 47	0n28	3 57	1 49	0 34	1 31	23 46	0 18	6 31	1 0	15 7	2 30	15 18	0 41	21 8	0 27	7 44	13 0	21 16	21 17	12 11	7 8	1 46
S 12	8 39	15 4	1 41	3 46	1 58	1 4	1 30	23 48	0 20	6 26	1 0	15 6	2 30	15 17	0 41	21 8	0 27	7 44	13 0	21 16	21 17	12 8	7 5	1 46
S 13	9 1 9 27	2 49	3 33	2 6	1 33	1 30	23 50	0 22	6 21	1 0	15 5	2 30	15 16	0 41	21 7	0 27	7 43	13 0	21 17	21 18	12 5	7 3	1 45	
M14	9 22	3 16	3 46	3 18	2 13	2 3	1 30	23 51	0 24	6 16	1 0	15 4	2 30	15 16	0 41	21 7	0 27	7 43	13 1	21 18	21 19	12 2	7 1	1 45
T 15	9 44	3n 5	4 29	3 2	2 19	2 32	1 30	23 53	0 26	6 11	1 0	15 3	2 30	15 15	0 41	21 7	0 27	7 43	13 1	21 19	21 19	11 59	6 59	1 44
W16	10 5 9 15	4 54	2 43	2 25	3 1	1 29	23 55	0 28	6 6	1 1	15 2	2 30	15 15	0 41	21 7	0 27	7 42	13 1	21 21	21 20	11 56	6 57	1 44	
T 17	10 27	14 51	5 0	2 23	2 30	3 30	1 29	23 57	0 30	6 2	1 1	15 1	2 30	15 14	0 41	21 7	0 27	7 42	13 1	21 23	21 20	11 54	6 54	1 43
F 18	10 48	19 33	4 47	2 1	2 35	4 0	1 28	23 58	0 32	5 57	1 1	14 59	2 30	15 13	0 41	21 7	0 27	7 41	13 1	21 25	21 21	11 51	6 52	1 43
S 19	11 8 23	3 4 18	1 38	2 38	4 29	1 28	24 0	0 34	5 52	1 1	14 58	2 30	15 13	0 41	21 7	0 27	7 41	13 2	21 27	21 21	11 48	6 50	1 43	
S 20	11 29	25 10	3 35	1 13	2 42	4 58	1 27	24 2	0 37	5 47	1 1	14 57	2 30	15 12	0 41	21 7	0 27	7 40	13 2	21 28	21 22	11 45	6 48	1 42
M21	11 50	25 51	2 42	0 47	2 44	5 27	1 26	24 4	0 39	5 42	1 1	14 56	2 30	15 12	0 41	21 7	0 27	7 40	13 2	21 29	21 22	11 42	6 46	1 42
T 22	12 10	25 9	1 43	0 19	2 47	5 56	1 26	24 5	0 41	5 38	1 2	14 55	2 30	15 11	0 42	21 7	0 27	7 40	13 2	21 30	21 23	11 39	6 44	1 41
W23	12 30	23 13	0 40	0n10	2 48	6 24	1 25	24 7	0 44	5 33	1 2	14 53	2 30	15 11	0 42	21 7	0 27	7 39	13 2	21 30	21 23	11 36	6 42	1 41
T 24	12 50	20 17	0s24	0 41	2 49	6 53	1 24	24 9	0 46	5 28	1 2	14 52	2 30	15 10	0 42	21 7	0 27	7 39	13 2	21 30	21 24	11 33	6 39	1 40
F 25	13 10	16 32	1 26	1 12	2 49	7 21	1 23	24 10	0 49	5 24	1 2	14 51	2 30	15 10	0 42	21 7	0 27	7 39	13 2	21 30	21 25	11 30	6 37	1 40
S 26	13 29	12 10	2 24	1 45	2 49	7 50	1 22	24 12	0 51	5 19	1 2	14 50	2 31	15 10	0 42	21 7	0 27	7 38	13 3	21 30	21 25	11 28	6 35	1 39
S 27	13 48	7 21	3 15	2 19	2 48	8 18	1 21	24 14	0 54	5 15	1 2	14 49	2 31	15 9	0 42	21 7	0 27	7 38	13 3	21 31	21 26	11 25	6 33	1 39
M28	14 7 2 14	3 59	2 55	2 47	8 46	1 20	24 16	0 57	5 10	1 3	14 47	2 31	15 9	0 42	21 6	0 26	7 37	13 3	21 32	21 26	11 22	6 31	1 38	
T 29	14 26 3s 2	4 33	3 31	2 45	9 13	1 19	24 18	0 59	5 6	1 3	14 46	2 31	15 8	0 42	21 6	0 26	7 37	13 3	21 33	21 27	11 19	6 29	1 38	
W30	14n45																							

SWISS EPHEMERIS for the year 1749

MAY 1749

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	14 36 7	10 ⁸ 40'40	22 ²² 6	18 ¹⁸ 26	29 ²⁹ 32	7 ⁷ 9	19 ¹⁹ 58	17 ¹⁷ R43	21 ²¹ 10	22 ²² 51	1 ¹ R 1	22 ²² R24	23 ²³ 16	23 ²³ 135	12 ¹² R29
F 2	14 40 4	11 ¹¹ 38'45	4 ⁴ 58	20 ²⁰ 1	0 ⁰ 46	7 ⁷ 24	20 ²⁰ 10	17 ¹⁷ M38	21 ²¹ 11	22 ²² 52	1 ¹ 7 0	22 ²² 12	23 ²³ 13	23 ²³ 42	12 ¹² 25
S 3	14 44 0	12 ¹² 36'48	18 ¹⁸ 6	21 ²¹ 39	2 ² 0	7 ⁷ 39	20 ²⁰ 21	17 ¹⁷ 34	21 ²¹ 12	22 ²² 53	0 ⁰ 58	22 ²² 0	23 ²³ 10	23 ²³ 49	12 ¹² 21
S 4	14 47 57	13 ¹³ 34'49	1 ¹ 27	23 ²³ 18	3 ³ 14	7 ⁷ 54	20 ²⁰ 33	17 ¹⁷ 29	21 ²¹ 13	22 ²² 54	0 ⁰ 57	21 ²¹ 51	23 ²³ 7	23 ²³ 55	12 ¹² 18
M 5	14 51 53	14 ¹⁴ 32'49	15 ¹⁵ 1	25 ²⁵ 0	4 ⁴ 27	8 ⁸ 8	20 ²⁰ 44	17 ¹⁷ 25	21 ²¹ 14	22 ²² 55	0 ⁰ 55	21 ²¹ 43	23 ²³ 3	24 ²⁴ 2	12 ¹² 14
T 6	14 55 50	15 ¹⁵ 30'47	28 ²⁸ 45	26 ²⁶ 43	5 ⁵ 41	8 ⁸ 21	20 ²⁰ 55	17 ¹⁷ 20	21 ²¹ 15	22 ²² 56	0 ⁰ 54	21 ²¹ 39	23 ²³ 0	24 ²⁴ 9	12 ¹² 11
W 7	14 59 46	16 ¹⁶ 28'44	12 ¹² 36	28 ²⁸ 28	6 ⁶ 55	8 ⁸ 34	21 ²¹ 6	17 ¹⁷ 16	21 ²¹ 16	22 ²² 57	0 ⁰ 52	21 ²¹ 37	22 ²² 57	24 ²⁴ 15	12 ¹² 7
T 8	15 3 43	17 ¹⁷ 26'39	26 ²⁶ 34	0 ⁰ 15	8 ⁸ 9	8 ⁸ 46	21 ²¹ 17	17 ¹⁷ 11	21 ²¹ 17	22 ²² 58	0 ⁰ 50	21 ²¹ D37	22 ²² 54	24 ²⁴ 22	12 ¹² 4
F 9	15 7 40	18 ¹⁸ 24'34	10 ¹⁰ 37	2 ² 4	9 ⁹ 22	8 ⁸ 58	21 ²¹ 28	17 ¹⁷ 7	21 ²¹ 18	22 ²² 59	0 ⁰ 49	21 ²¹ 37	22 ²² 51	24 ²⁴ 29	12 ¹² 1
S 10	15 11 36	19 ¹⁹ 22'26	24 ²⁴ 45	3 ³ 55	10 ¹⁰ 36	9 ⁹ 9	21 ²¹ 39	17 ¹⁷ 2	21 ²¹ 19	23 ²³ 0	0 ⁰ 47	21 ²¹ R37	22 ²² 48	24 ²⁴ 35	11 ¹¹ 58
S 11	15 15 33	20 ²⁰ 20'18	8 ⁸ 56	5 ⁵ 49	11 ¹¹ 50	9 ⁹ 19	21 ²¹ 50	16 ¹⁶ 58	21 ²¹ 19	23 ²³ 2	0 ⁰ 46	21 ²¹ 36	22 ²² 44	24 ²⁴ 42	11 ¹¹ 55
M12	15 19 29	21 ²¹ 18'09	23 ²³ 9	7 ⁷ 43	13 ¹³ 4	9 ⁹ 29	22 ²² 0	16 ¹⁶ 53	21 ²¹ 20	23 ²³ 3	0 ⁰ 44	21 ²¹ 32	22 ²² 41	24 ²⁴ 49	11 ¹¹ 52
T 13	15 23 26	22 ²² 15'58	7 ⁷ 21	9 ⁹ 40	14 ¹⁴ 17	9 ⁹ 38	22 ²² 11	16 ¹⁶ 49	21 ²¹ 21	23 ²³ 4	0 ⁰ 42	21 ²¹ 26	22 ²² 38	24 ²⁴ 55	11 ¹¹ 49
W14	15 27 22	23 ²³ 13'46	21 ²¹ 28	11 ¹¹ 39	15 ¹⁵ 31	9 ⁹ 47	22 ²² 21	16 ¹⁶ 44	21 ²¹ 21	23 ²³ 5	0 ⁰ 41	21 ²¹ 18	22 ²² 35	25 ²⁵ 2	11 ¹¹ 46
T 15	15 31 19	24 ²⁴ 11'33	5 ⁵ 26	13 ¹³ 40	16 ¹⁶ 45	9 ⁹ 55	22 ²² 32	16 ¹⁶ 40	21 ²¹ 22	23 ²³ 7	0 ⁰ 39	21 ²¹ 9	22 ²² 32	25 ²⁵ 9	11 ¹¹ 43
F 16	15 35 15	25 ²⁵ 9'19	19 ¹⁹ 11	15 ¹⁵ 42	17 ¹⁷ 59	10 ¹⁰ 2	22 ²² 42	16 ¹⁶ 35	21 ²¹ 23	23 ²³ 8	0 ⁰ 37	21 ²¹ 0	22 ²² 29	25 ²⁵ 15	11 ¹¹ 41
S 17	15 39 12	26 ²⁶ 7'03	2 ² 39	17 ¹⁷ 46	19 ¹⁹ 12	10 ¹⁰ 9	22 ²² 52	16 ¹⁶ 31	21 ²¹ 23	23 ²³ 9	0 ⁰ 36	20 ²⁰ 51	22 ²² 25	25 ²⁵ 22	11 ¹¹ 38
S 18	15 43 9	27 ²⁷ 4'46	15 ¹⁵ 49	19 ¹⁹ 52	20 ²⁰ 26	10 ¹⁰ 15	23 ²³ 2	16 ¹⁶ 27	21 ²¹ 23	23 ²³ 11	0 ⁰ 34	20 ²⁰ 45	22 ²² 22	25 ²⁵ 29	11 ¹¹ 36
M19	15 47 5	28 ²⁸ 2'28	28 ²⁸ 38	21 ²¹ 59	21 ²¹ 40	10 ¹⁰ 20	23 ²³ 12	16 ¹⁶ 22	21 ²¹ 24	23 ²³ 12	0 ⁰ 33	20 ²⁰ 40	22 ²² 19	25 ²⁵ 35	11 ¹¹ 34
T 20	15 51 2	29 ²⁹ 0'08	11 ¹¹ 39	24 ²⁴ 8	22 ²² 53	10 ¹⁰ 24	23 ²³ 22	16 ¹⁶ 18	21 ²¹ 24	23 ²³ 14	0 ⁰ 31	20 ²⁰ 38	22 ²² 16	25 ²⁵ 42	11 ¹¹ 32
W21	15 54 58	29 ²⁹ 57'46	23 ²³ 24	26 ²⁶ 17	24 ²⁴ 7	10 ¹⁰ 28	23 ²³ 31	16 ¹⁶ 14	21 ²¹ 24	23 ²³ 15	0 ⁰ 29	20 ²⁰ D37	22 ²² 13	25 ²⁵ 49	11 ¹¹ 30
T 22	15 58 55	0 ⁰ 11'55'24	5 ⁵ 25	28 ²⁸ 28	25 ²⁵ 21	10 ¹⁰ 31	23 ²³ 41	16 ¹⁶ 9	21 ²¹ 25	23 ²³ 16	0 ⁰ 28	20 ²⁰ 38	22 ²² 9	25 ²⁵ 55	11 ¹¹ 28
F 23	16 2 51	1 ¹ 52'59	17 ¹⁷ 19	0 ⁰ 39	26 ²⁶ 35	10 ¹⁰ 34	23 ²³ 50	16 ¹⁶ 5	21 ²¹ 25	23 ²³ 18	0 ⁰ 26	20 ²⁰ 40	22 ²² 6	26 ²⁶ 2	11 ¹¹ 26
S 24	16 6 48	2 ² 50'34	29 ²⁹ 9	2 ² 51	27 ²⁷ 48	10 ¹⁰ 35	23 ²³ 59	16 ¹⁶ 1	21 ²¹ 25	23 ²³ 20	0 ⁰ 24	20 ²⁰ R40	22 ²² 3	26 ²⁶ 9	11 ¹¹ 24
S 25	16 10 44	3 ³ 48'06	11 ¹¹ 0	5 ⁵ 3	29 ²⁹ 2	10 ¹⁰ 36	24 ²⁴ 8	15 ¹⁵ 57	21 ²¹ 25	23 ²³ 21	0 ⁰ 23	20 ²⁰ 40	22 ²² 0	26 ²⁶ 15	11 ¹¹ 22
M26	16 14 41	4 ⁴ 45'38	22 ²² 59	7 ⁷ 14	0 ⁰ 11'16	10 ¹⁰ R36	24 ²⁴ 18	15 ¹⁵ 52	21 ²¹ R25	23 ²³ 23	0 ⁰ 21	20 ²⁰ 38	21 ²¹ 57	26 ²⁶ 22	11 ¹¹ 21
T 27	16 18 38	5 ⁵ 43'08	5 ⁵ 9	9 ⁹ 26	1 ¹ 29	10 ¹⁰ 36	24 ²⁴ 26	15 ¹⁵ 48	21 ²¹ 25	23 ²³ 24	0 ⁰ 19	20 ²⁰ 35	21 ²¹ 54	26 ²⁶ 29	11 ¹¹ 19
W28	16 22 34	6 ⁶ 40'36	17 ¹⁷ 35	11 ¹¹ 37	2 ² 43	10 ¹⁰ 35	24 ²⁴ 35	15 ¹⁵ 44	21 ²¹ 25	23 ²³ 26	0 ⁰ 18	20 ²⁰ 29	21 ²¹ 50	26 ²⁶ 35	11 ¹¹ 18
T 29	16 26 31	7 ⁷ 38'04	0 ⁰ 11'18	13 ¹³ 47	3 ³ 57	10 ¹⁰ 33	24 ²⁴ 44	15 ¹⁵ 40	21 ²¹ 25	23 ²³ 28	0 ⁰ 16	20 ²⁰ 23	21 ²¹ 47	26 ²⁶ 42	11 ¹¹ 17
F 30	16 30 27	8 ⁸ 35'30	13 ¹³ 22	15 ¹⁵ 56	5 ⁵ 10	10 ¹⁰ 30	24 ²⁴ 52	15 ¹⁵ 36	21 ²¹ 25	23 ²³ 29	0 ⁰ 14	20 ²⁰ 16	21 ²¹ 44	26 ²⁶ 49	11 ¹¹ 16
S 31	16 34 24	9 ⁹ 32'56	26 ²⁶ 46	18 ¹⁸ 3	6 ⁶ 11'24	10 ¹⁰ 26	25 ²⁵ 11	15 ¹⁵ M32	21 ²¹ 25	23 ²³ 31	0 ⁰ 13	20 ²⁰ 9	21 ²¹ 41	26 ²⁶ 55	11 ¹¹ 15

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	15n 3	13s17	5s 2	4n47	2s39	10n 8	1s16	24s22	1s 5	4s57	1s 3	14s44	2n31	15s 8	0s42	21n 6	0s26	7s36	13n 3	21s37	21s28	11n13	6s26	1s37
F 2	15 21	17 49	4 54	5 26	2 36	10 35	1 15	24 24	1 8	4 52	1 3	14 42	2 31	15 7	0 42	21 6	0 26	7 36	13 3	21 38	21 28	11 10	6 24	1 37
S 3	15 39	21 35	4 31	6 6	2 31	11 2	1 13	24 26	1 11	4 48	1 4	14 41	2 31	15 7	0 42	21 6	0 26	7 36	13 3	21 40	21 29	11 7	6 22	1 36
S 4	15 56	24 17	3 53	6 48	2 27	11 29	1 12	24 28	1 14	4 44	1 4	14 40	2 31	15 7	0 42	21 6	0 26	7 35	13 3	21 42	21 29	11 4	6 20	1 36
M 5	16 14	25 38	3 2	7 29	2 22	11 55	1 10	24 30	1 17	4 39	1 4	14 39	2 31	15 6	0 42	21 5	0 26	7 35	13 3	21 43	21 30	11 2	6 18	1 35
T 6	16 31	25 27	1 59	8 12	2 16	12 21	1 9	24 32	1 20	4 35	1 4	14 37	2 30	15 6	0 42	21 5	0 26	7 34	13 3	21 44	21 30	10 59	6 16	1 35
W 7	16 47	23 40	0 48	8 55	2 10	12 47	1 7	24 34	1 23	4 31	1 4	14 36	2 30	15 6	0 42	21 5	0 26	7 34	13 3	21 44	21 31	10 56	6 15	1 34
T 8	17 4	20 26	0n26	9 39	2 3	13 12	1 6	24 37	1 26	4 27	1 4	14 35	2 30	15 5	0 42	21 5	0 26	7 34	13 3	21 44	21 32	10 53	6 13	1 34
F 9	17 20	16 0	1 40	10 24	1 56	13 37	1 4	24 39	1 29	4 23	1 5	14 34	2 30	15 5	0 42	21 5	0 26	7 33	13 3	21 44	21 32	10 50	6 11	1 33
S 10	17 36	10 40	2 47	11 9	1 48	14 2	1 2	24 42	1 32	4 19	1 5	14 33	2 30	15 5	0 42	21 5	0 26	7 33	13 3	21 44	21 33	10 47	6 9	1 33
S 11	17 51	4 46	3 45	11 54	1 40	14 27	1 1	24 44	1 36	4 14	1 5	14 31	2 30	15 5	0 42	21 5	0 26	7 33	13 3	21 44	21 33	10 44	6 8	1 32
M12	18 7	1n23	4 28	12 40	1 32	14 51	0 59	24 47	1 39	4 10	1 5	14 30	2 30	15 5	0 42	21 4	0 26	7 33	13 3	21 45	21 34	10 41	6 6	1 32
T 13	18 22	7 26	4 56	13 25	1 23	15 15	0 57	24 50	1 43	4 7	1 6	14 29	2 30	15 4	0 42	21 4	0 26	7 32	13 3	21 46	21 34	10 38	6 5	1 31
W14	18 36	13 5	5 5	14 11	1 13	15 38	0 55	24 52	1 46	4 3	1 6	14 28	2 30	15 4	0 42	21 4	0 26	7 32	13 3	21 47	21 35	10 35	6 3	1 31
T 15	18 51	17 59	4 55	14 57	1 4	16 1	0 53	24 55	1 50	3 59	1 6	14 27	2 30	15 4	0 42	21 4	0 26	7 32	13 3	21 48	21 35	10 32	6 2	1 30
F 16	19 5	21 51	4 29	15 42	0 54	16 24	0 51	24 58	1 53	3 55	1 6	14 25	2 30	15 4	0 42	21 4	0 26	7 31	13 3	21 50	21 36	10 29	6 0	1 30
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SWISS EPHEMERIS for the year 1749

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	16 38 20	10 ^{II} 30'20	10 [♌] 28	20 ^{II} 9	7 ^{II} 38	10°R22	25 [♋] 9	15°R28	21°R24	23 [♊] 33	0°R11	20°R 3	21 [♋] 38	27 [♌] 2	11°R14
M 2	16 42 17	11°27'43	24°26	22°14	8°51	10 [♋] 17	25°17	15 [♌] 25	21 [♌] 24	23°34	0 [♌] 10	19 [♋] 59	21°35	27° 9	11 [♌] 13
T 3	16 46 13	12°25'06	8 [♋] 35	24°16	10° 5	10°11	25°25	15°21	21°24	23°36	0° 8	19°57	21°31	27°15	11°12
W 4	16 50 10	13°22'28	22°51	26°16	11°19	10° 5	25°33	15°17	21°23	23°38	0° 6	19°D57	21°28	27°22	11°12
T 5	16 54 7	14°19'49	7 [♌] 10	28°14	12°32	9°58	25°40	15°14	21°23	23°40	0° 5	19°58	21°25	27°29	11°11
F 6	16 58 3	15°17'10	21°30	0 [♌] 10	13°46	9°50	25°48	15°10	21°22	23°42	0° 3	19°59	21°22	27°35	11°11
S 7	17 2 0	16°14'30	5 [♌] 46	2° 4	15° 0	9°41	25°55	15° 6	21°22	23°43	0° 2	20° 0	21°19	27°42	11°11
S 8	17 5 56	17°11'49	19°56	3°55	16°14	9°31	26° 3	15° 3	21°21	23°45	0° 0	20°R 1	21°15	27°49	11°11
M 9	17 9 53	18° 9'08	3 [♌] 59	5°44	17°27	9°21	26°10	15° 0	21°21	23°47	29 [♌] 59	20° 0	21°12	27°55	11°D11
T 10	17 13 49	19° 6'27	17°54	7°30	18°41	9°11	26°17	14°56	21°20	23°49	29°57	19°57	21° 9	28° 2	11°11
W 11	17 17 46	20° 3'45	1 [♌] 38	9°14	19°55	8°59	26°23	14°53	21°19	23°51	29°55	19°54	21° 6	28° 9	11°11
T 12	17 21 42	21° 1'03	15°10	10°56	21° 8	8°47	26°30	14°50	21°18	23°53	29°54	19°50	21° 3	28°15	11°11
F 13	17 25 39	21°58'21	28°29	12°35	22°22	8°34	26°37	14°47	21°18	23°55	29°52	19°45	21° 0	28°22	11°12
S 14	17 29 36	22°55'38	11 ^{II} 34	14°11	23°36	8°21	26°43	14°44	21°17	23°57	29°51	19°41	20°56	28°29	11°12
S 15	17 33 32	23°52'55	24°24	15°45	24°50	8° 7	26°49	14°41	21°16	23°59	29°50	19°38	20°53	28°35	11°13
M 16	17 37 29	24°50'11	6 [♌] 58	17°16	26° 3	7°52	26°55	14°38	21°15	24° 1	29°48	19°36	20°50	28°42	11°14
T 17	17 41 25	25°47'27	19°19	18°45	27°17	7°37	27° 1	14°35	21°14	24° 3	29°47	19°D36	20°47	28°49	11°15
W 18	17 45 22	26°44'42	1 [♌] 27	20°11	28°31	7°22	27° 7	14°32	21°13	24° 5	29°45	19°36	20°44	28°55	11°16
T 19	17 49 18	27°41'57	13°26	21°35	29°44	7° 6	27°12	14°29	21°12	24° 7	29°44	19°38	20°41	29° 2	11°17
F 20	17 53 15	28°39'11	25°18	22°56	0 [♌] 58	6°50	27°17	14°27	21°11	24° 9	29°42	19°39	20°37	29° 9	11°18
S 21	17 57 11	29°36'24	7 [♌] 8	24°14	2°12	6°33	27°23	14°24	21° 9	24°11	29°41	19°41	20°34	29°15	11°20
S 22	18 1 8	0 [♌] 33'37	19° 0	25°30	3°26	6°16	27°28	14°22	21° 8	24°13	29°40	19°42	20°31	29°22	11°21
M 23	18 5 5	1°30'49	0 [♌] 58	26°43	4°39	5°59	27°32	14°19	21° 7	24°15	29°38	19°R42	20°28	29°29	11°23
T 24	18 9 1	2°28'01	13° 8	27°53	5°53	5°41	27°37	14°17	21° 6	24°17	29°37	19°42	20°25	29°35	11°24
W 25	18 12 58	3°25'12	25°34	29° 0	7° 7	5°23	27°42	14°15	21° 4	24°19	29°36	19°41	20°21	29°42	11°26
T 26	18 16 54	4°22'23	8 [♌] 19	0 [♌] 4	8°20	5° 5	27°46	14°13	21° 3	24°21	29°34	19°39	20°18	29°49	11°28
F 27	18 20 51	5°19'34	21°27	1° 5	9°34	4°47	27°50	14°11	21° 2	24°23	29°33	19°37	20°15	29°55	11°30
S 28	18 24 47	6°16'44	4 [♌] 58	2° 3	10°48	4°29	27°54	14° 9	21° 0	24°25	29°32	19°35	20°12	0 [♌] 2	11°32
S 29	18 28 44	7°13'54	18°53	2°57	12° 2	4°11	27°58	14° 7	20°59	24°28	29°31	19°34	20° 9	0° 9	11°34
M 30	18 32 41	8°11'04	3 [♌] 8	3 [♌] 48	13°15	3 [♌] 53	28 [♋] 1	14 [♌] 5	20°57	24°30	29 [♌] 30	19 [♌] 33	20 [♌] 6	0 [♌] 16	11 [♌] 37

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	22n 3	25s19	3s18	24n44	1n37	21n21	0s16	26s 0	2s57	3s 0	1s10	14s 8	2n28	15s 4	0s43	21n 0	0s26	7s28	13n 2	21s58	21s44	9n43	5s42	1s22
M 2	22 11	25 36	2 14	24 58	1 43	21 35	0 14	26 5	3 1	2 57	1 10	14 7	2 28	15 4	0 43	20 59	0 26	7 28	13 2	21 59	21 44	9 40	5 41	1 21
T 3	22 19	24 13	1 2	25 9	1 48	21 48	0 11	26 9	3 5	2 54	1 10	14 6	2 28	15 4	0 43	20 59	0 26	7 27	13 1	21 59	21 45	9 37	5 40	1 21
W 4	22 26	21 16	0n16	25 18	1 53	22 1	0 9	26 14	3 9	2 51	1 11	14 5	2 28	15 4	0 43	20 59	0 26	7 27	13 1	21 59	21 45	9 34	5 40	1 20
T 5	22 33	17 1	1 33	25 24	1 56	22 13	0 6	26 19	3 14	2 48	1 11	14 4	2 27	15 5	0 43	20 59	0 26	7 27	13 1	21 59	21 46	9 31	5 39	1 20
F 6	22 40	11 47	2 44	25 28	1 59	22 25	0 4	26 24	3 18	2 46	1 11	14 3	2 27	15 5	0 43	20 58	0 26	7 27	13 1	21 59	21 46	9 28	5 39	1 19
S 7	22 46	5 56	3 44	25 29	2 1	22 36	0 2	26 29	3 22	2 43	1 11	14 3	2 27	15 5	0 43	20 58	0 26	7 27	13 1	21 59	21 47	9 25	5 38	1 19
S 8	22 51	0n 9	4 31	25 28	2 3	22 46	0n1	26 34	3 27	2 40	1 12	14 2	2 27	15 5	0 43	20 58	0 26	7 27	13 1	21 59	21 47	9 22	5 38	1 18
M 9	22 57	6 11	5 0	25 24	2 3	22 56	0 3	26 39	3 31	2 38	1 12	14 1	2 27	15 5	0 43	20 57	0 26	7 27	13 0	21 59	21 48	9 19	5 37	1 18
T 10	23 2	11 50	5 12	25 19	2 3	23 5	0 5	26 44	3 35	2 35	1 12	14 0	2 27	15 6	0 43	20 57	0 26	7 27	13 0	21 59	21 48	9 16	5 37	1 17
W 11	23 6	16 50	5 6	25 11	2 2	23 13	0 8	26 49	3 39	2 33	1 13	13 59	2 26	15 6	0 43	20 57	0 25	7 27	13 0	22 0	21 49	9 13	5 36	1 17
T 12	23 10	20 55	4 43	25 2	2 1	23 21	0 10	26 54	3 44	2 30	1 13	13 59	2 26	15 6	0 43	20 56	0 25	7 27	13 0	22 0	21 49	9 10	5 36	1 16
F 13	23 14	23 49	4 4	24 51	1 58	23 28	0 13	26 59	3 48	2 28	1 13	13 58	2 26	15 7	0 44	20 56	0 25	7 27	12 59	22 1	21 50	9 7	5 36	1 16
S 14	23 17	25 24	3 14	24 38	1 55	23 34	0 15	27 4	3 52	2 26	1 13	13 57	2 26	15 7	0 44	20 56	0 25	7 26	12 59	22 2	21 50	9 4	5 35	1 15
S 15	23 20	25 35	2 14	24 23	1 52	23 39	0 17	27 9	3 56	2 24	1 14	13 57	2 26	15 7	0 44	20 55	0 25	7 26	12 59	22 2	21 51	9 1	5 35	1 15
M 16	23 22	24 26	1 9	24 8	1 47	23 44	0 20	27 14	4 0	2 21	1 14	13 56	2 25	15 8	0 44	20 55	0 25	7 26	12 59	22 2	21 51	8 58	5 35	1 14
T 17	23 24	22 6	0 2	23 51	1 42	23 48	0 22	27 19	4 4	2 19	1 14	13 55	2 25	15 8	0 44	20 55	0 25	7 26	12 58	22 2	21 52	8 56	5 35	1 14
W 18	23 26	18 48	1s 5	23 33	1 37	23 52	0 24	27 24	4 8	2 17	1 14	13 55	2 25	15 8	0 44	20 55	0 25	7 26	12 58	22 2	21 52	8 53	5 35	1 13
T 19	23 27	14 46	2 8	23 14	1 30	23 55	0 26	27 29	4 12	2 15	1 15	13 54	2 25	15 9	0 44	20 54	0 25	7 26	12 58	22 2	21 53	8 50	5 35	1 13
F 20	23 28	10 12	3 4	22 53	1 23	23 57	0 29	27 33	4 16	2 14	1 15	13 54	2 25	15 9	0 44	20 54	0 25	7 26	12 57	22 2	21 53	8 47	5 35	1 12
S 21	23 28	5 18	3 53	22 32	1 16	23 58	0 31	27 38	4 20	2 12	1 15	13 53	2 24	15 9	0 44	20 53	0 25	7 26	12 57	22 2	21 54	8 44	5 35	1 12
S 22	23 28	0 11	4 32	22 11	1 8	23 59	0 33	27 43	4 23	2 10	1 16	13 53	2 24	15 10	0 44	20 53	0 25	7 26	12 57	22 1	21 54	8 41	5 35	1 11
M 23	23 28	4s58	4 59	21 48	0 59	23 59	0 35	27 47	4 27	2 8	1 16	13 52	2 24	15 10	0 44	20 53	0 25	7 27	12 57	22 1	21 55	8 38	5 35	1 11
T 24	23 27	10 0	5 14	21 26	0 50	23 58	0 37	27 51	4 31	2 7	1 16	13 52	2 24	15 11	0 44	20 52	0 25	7 27	12 56	22 1	21 55	8 35	5 36	1 10
W 25	23 26	14 46	5 14	21 2	0 40	23 56	0 40	27 55	4 34	2 5	1 16	13 51	2 23	15 11	0 44	20 52	0 25	7 27	12 56	22 2	21 56	8 32	5 36	1 10
T 26	23 24	19 1	4 59	20 39	0 30	23 54	0 42	27 59	4 37	2 4	1 17	13 51	2 23	15 12	0 44	20 52	0 25	7 27	12 56	22 2	21 56	8 29	5 36	1 9
F 27	23 22	22 28	4 29	20 15	0 19	23 51	0 44	28 3	4 40	2 2	1 17	13 50	2 23	15 12	0 44	20 51	0 25	7 27	12 55	22 2	21 57	8 26	5 37	1 9
S 28	23 19	24 48	3 42	19 51	0 7	23 48	0 46	28 7	4 43	2 1	1 17	13 50	2 23	15 13										

SWISS EPHEMERIS for the year 1749

JULY 1749

00:00 UT

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

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23n 9	22s29	0s10	18n40	0s29	23n33	0n52	28s17	4s52	1s58	1s18	13s49	2n22	15s14	0s44	20n50	0s25	7s27	12n54	22s 3	21s58	8n14	5s38	1s 7
W 2	23 5 18	31 1n10	18 17	0 43	23 26	0 54	28 20	4 54	1 57	1 19	13 49	2 22	15 15	0 44	20 50	0 25	7 27	12 53	22 3	3 21	5 9	8 11	5 39	1 6
T 3	23 1 13	24 2 27	17 54	0 56	23 19	0 56	28 23	4 57	1 56	1 19	13 49	2 22	15 15	0 44	20 49	0 25	7 27	12 53	22 3	3 21	5 9	8 8	5 40	1 6
F 4	22 56 7	31 3 34	17 31	1 10	23 11	0 57	28 26	4 59	1 55	1 19	13 49	2 21	15 16	0 44	20 49	0 25	7 28	12 53	22 3	3 22	0 8	5 40	1 5	1 5
S 5	22 50 1 19	4 26	17 10	1 24	23 3	0 59	28 28	5 1	1 54	1 19	13 49	2 21	15 16	0 44	20 48	0 25	7 28	12 52	22 3	3 22	0 8	2 5	5 41	1 5
S 6	22 45 4n52	5 0	16 49	1 38	22 53	1 1	28 30	5 3	1 53	1 20	13 48	2 21	15 17	0 44	20 48	0 25	7 28	12 52	22 2	2 22	1 7	5 9	5 42	1 4
M 7	22 39 10 41	5 16	16 29	1 53	22 44	1 3	28 33	5 5	1 53	1 20	13 48	2 21	15 18	0 44	20 48	0 25	7 28	12 52	22 2	2 22	1 7	5 6	5 42	1 4
T 8	22 32 15 51	5 13	16 9	2 7	22 33	1 4	28 34	5 7	1 52	1 20	13 48	2 20	15 18	0 44	20 47	0 25	7 28	12 51	22 2	2 22	2 7	5 3	5 43	1 4
W 9	22 25 20 7	4 53	15 51	2 22	22 22	1 6	28 36	5 8	1 52	1 21	13 48	2 20	15 19	0 44	20 47	0 25	7 29	12 51	22 2	2 22	2 7	5 0	5 44	1 3
T 10	22 18 23 17	4 18	15 35	2 36	22 10	1 8	28 38	5 10	1 51	1 21	13 48	2 20	15 19	0 44	20 47	0 25	7 29	12 50	22 3	3 22	3 7	4 7	5 45	1 3
F 11	22 10 25 10	3 30	15 19	2 51	21 58	1 9	28 39	5 11	1 51	1 21	13 48	2 19	15 20	0 44	20 46	0 25	7 29	12 50	22 3	3 22	3 7	4 4	5 46	1 2
S 12	22 2 25 42	2 32	15 5	3 5	21 44	1 11	28 40	5 12	1 51	1 22	13 48	2 19	15 21	0 44	20 46	0 25	7 29	12 49	22 3	3 22	4 7	4 1	5 47	1 2
S 13	21 54 24 54	1 28	14 53	3 19	21 31	1 12	28 42	5 13	1 50	1 22	13 48	2 19	15 21	0 44	20 45	0 25	7 29	12 49	22 3	3 22	4 7	3 8	5 48	1 1
M 14	21 45 22 54	0 21	14 42	3 33	21 16																			

SWISS EPHEMERIS for the year 1749

AUGUST 1749

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	20 38 50	8♄43'49	11♁15	28♁R30	22♁L37	28♁13	28♁R16	14♁ 0	19♁R53	25♁640	29♁R 5	19♁R30	18♁24	3♁49	13♁45
S 2	20 42 47	9°41'15	26° 9	28♁ 9	23°51	28°15	28♁13	14° 1	19♁51	25°43	29♁ 5	19♁27	18°21	3°56	13°51
S 3	20 46 43	10°38'43	10♁45	27°55	25° 5	28°17	28°10	14° 3	19°48	25°45	29° 5	19°25	18°18	4° 3	13°57
M 4	20 50 40	11°36'12	24°59	27°46	26°19	28°20	28° 7	14° 4	19°46	25°47	29° 5	19°23	18°14	4° 9	14° 2
T 5	20 54 37	12°33'42	8♁48	27°D44	27°32	28°24	28° 4	14° 6	19°44	25°49	29° 4	19°D22	18°11	4°16	14° 8
W 6	20 58 33	13°31'14	22°14	27°49	28°46	28°29	28° 0	14° 8	19°41	25°51	29° 4	19°22	18° 8	4°23	14°14
T 7	21 2 30	14°28'47	5♁17	28° 0	0♁ 0	28°35	27°56	14°10	19°39	25°53	29° 4	19°23	18° 5	4°29	14°20
F 8	21 6 26	15°26'22	18° 1	28°19	1°14	28°41	27°53	14°12	19°37	25°55	29° 4	19°25	18° 2	4°36	14°26
S 9	21 10 23	16°23'58	0♁28	28°44	2°28	28°48	27°49	14°14	19°34	25°58	29° 4	19°27	17°59	4°43	14°32
S 10	21 14 19	17°21'36	12°43	29°17	3°42	28°56	27°44	14°16	19°32	26° 0	29°D 4	19°28	17°55	4°50	14°38
M 11	21 18 16	18°19'15	24°48	29°56	4°55	29° 5	27°40	14°18	19°29	26° 2	29° 4	19°R28	17°52	4°56	14°44
T 12	21 22 12	19°16'55	6♁46	0♁43	6° 9	29°14	27°35	14°21	19°27	26° 4	29° 4	19°26	17°49	5° 3	14°51
W 13	21 26 9	20°14'37	18°40	1°36	7°23	29°25	27°31	14°23	19°25	26° 6	29° 4	19°24	17°46	5°10	14°57
T 14	21 30 6	21°12'20	0♁30	2°35	8°37	29°36	27°26	14°26	19°22	26° 8	29° 4	19°19	17°43	5°16	15° 3
F 15	21 34 2	22°10'04	12°20	3°42	9°51	29°48	27°21	14°28	19°20	26°10	29° 5	19°14	17°39	5°23	15°10
S 16	21 37 59	23° 7'49	24°10	4°54	11° 4	0♁ 0	27°15	14°31	19°17	26°12	29° 5	19° 8	17°36	5°30	15°16
S 17	21 41 55	24° 5'36	6♁ 4	6°12	12°18	0°13	27°10	14°34	19°15	26°14	29° 5	19° 2	17°33	5°36	15°23
M 18	21 45 52	25° 3'24	18° 4	7°35	13°32	0°27	27° 4	14°37	19°13	26°16	29° 5	18°56	17°30	5°43	15°30
T 19	21 49 48	26° 1'13	0♁13	9° 4	14°46	0°42	26°59	14°40	19°10	26°18	29° 6	18°52	17°27	5°50	15°37
W 20	21 53 45	26°59'03	12°35	10°37	16° 0	0°57	26°53	14°43	19° 8	26°20	29° 6	18°49	17°24	5°56	15°43
T 21	21 57 41	27°56'55	25°13	12°15	17°13	1°13	26°47	14°46	19° 6	26°22	29° 6	18°D48	17°20	6° 3	15°50
F 22	22 1 38	28°54'48	8♁11	13°56	18°27	1°30	26°41	14°49	19° 3	26°24	29° 7	18°48	17°17	6°10	15°57
S 23	22 5 35	29°52'42	21°33	15°41	19°41	1°47	26°35	14°53	19° 1	26°26	29° 7	18°50	17°14	6°16	16° 4
S 24	22 9 31	0♁50'38	5♁22	17°29	20°55	2° 5	26°28	14°56	18°59	26°28	29° 8	18°51	17°11	6°23	16°11
M 25	22 13 28	1°48'35	19°37	19°20	22° 8	2°24	26°22	14°59	18°56	26°30	29° 8	18°R51	17° 8	6°30	16°19
T 26	22 17 24	2°46'33	4♁19	21°12	23°22	2°43	26°15	15° 3	18°54	26°32	29° 9	18°51	17° 5	6°37	16°26
W 27	22 21 21	3°44'32	19°20	23° 6	24°36	3° 3	26° 8	15° 7	18°52	26°34	29° 9	18°48	17° 1	6°43	16°33
T 28	22 25 17	4°42'33	4♁35	25° 1	25°50	3°23	26° 1	15°10	18°49	26°35	29°10	18°43	16°58	6°50	16°40
F 29	22 29 14	5°40'36	19°53	26°57	27° 3	3°44	25°54	15°14	18°47	26°37	29°10	18°36	16°55	6°57	16°48
S 30	22 33 10	6°38'41	5♁ 2	28°54	28°17	4° 6	25°47	15°18	18°45	26°39	29°11	18°29	16°52	7° 3	16°55
S 31	22 37 7	7♁36'47	19♁53	0♁51	29♁31	4♁28	25♁40	15♁22	18♁43	26♁41	29♁12	18♁22	16♁49	7♁10	17♁ 3

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	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	decl	lat	decl	lat	decl	lat		
F 1	18n 6	3s32	4n 8	16n24	4s11	15n23	1n28	28s37	5s10	2s 2	1s28	13s56	2n14	15s35	0s45	20n38	0s25	7s36	12n40	22s 3	22s12	6n42	6s15	0s53									
S 2	17 51	2n54	4 50	16 40	3 58	14 59	1 28	28 36	5 9	2 3	1 28	13 56	2 14	15 35	0 45	20 37	0 25	7 36	12 40	22 4	22 13	6 39	6 17	0 53									
S 3	17 35	9 2	5 11	16 56	3 45	14 34	1 28	28 35	5 7	2 5	1 28	13 57	2 13	15 36	0 45	20 37	0 25	7 37	12 39	22 4	22 13	6 36	6 19	0 52									
M 4	17 20	14 32	5 14	17 12	3 30	14 9	1 28	28 34	5 6	2 6	1 28	13 58	2 13	15 37	0 45	20 37	0 25	7 37	12 39	22 4	22 14	6 33	6 20	0 52									
T 5	17 4 19	8 4	5 17	17 27	3 15	13 44	1 29	28 33	5 5	2 8	1 29	13 59	2 13	15 38	0 45	20 36	0 25	7 38	12 38	22 4	22 14	6 30	6 22	0 51									
W 6	16 47	22 37	4 25	17 42	2 59	13 18	1 28	28 31	5 3	2 9	1 29	13 59	2 13	15 39	0 45	20 36	0 25	7 38	12 38	22 4	22 15	6 27	6 24	0 51									
T 7	16 31	24 49	3 44	17 56	2 43	12 52	1 28	28 30	5 2	2 11	1 29	14 0	2 12	15 39	0 45	20 36	0 25	7 38	12 37	22 4	22 15	6 24	6 26	0 51									
F 8	16 14	25 40	2 40	18 9	2 26	12 25	1 28	28 28	5 0	2 13	1 30	14 1	2 12	15 40	0 45	20 35	0 25	7 39	12 37	22 4	22 15	6 21	6 28	0 50									
S 9	15 57	25 11	1 42	18 20	2 9	11 59	1 28	28 27	4 59	2 15	1 30	14 2	2 12	15 41	0 45	20 35	0 25	7 39	12 36	22 4	22 16	6 18	6 30	0 50									
S 10	15 39	23 29	0 37	18 30	1 52	11 32	1 28	28 25	4 57	2 17	1 30	14 3	2 12	15 42	0 45	20 34	0 25	7 40	12 36	22 4	22 16	6 15	6 32	0 49									
M 11	15 22	20 43	0s29	18 38	1 35	11 4	1 27	28 24	4 56	2 19	1 30	14 4	2 11	15 42	0 45	20 34	0 25	7 40	12 35	22 4	22 17	6 12	6 34	0 49									
T 12	15 4 17	6 3	1 33	18 45	1 19	10 37	1 27	28 22	4 54	2 21	1 31	14 5	2 11	15 43	0 45	20 34	0 25	7 41	12 35	22 4	22 17	6 9	6 36	0 49									
W 13	14 45	12 50	2 33	18 49	1 2 10	9 1	1 26	28 21	4 52	2 23	1 31	14 6	2 11	15 44	0 45	20 33	0 25	7 41	12 34	22 4	22 17	6 6	6 38	0 48									
T 14	14 27	8 6	3 26	18 51	0 46	9 40	1 26	28 19	4 50	2 25	1 31	14 7	2 11	15 45	0 45	20 33	0 25	7 42	12 34	22 5	22 18	6 3	6 41	0 48									
F 15	14 8 3	6 4	4 9	18 51	0 31	9 12	1 25	28 17	4 49	2 27	1 31	14 8	2 10	15 45	0 45	20 32	0 25	7 42	12 33	22 5	22 18	6 0	6 43	0 48									
S 16	13 50	2s 0	4 42	18 48	0 16	8 43	1 24	28 15	4 47	2 30	1 32	14 9	2 10	15 46	0 45	20 32	0 25	7 43	12 33	22 6	22 19	5 57	6 45	0 47									
S 17	13 31	7 3	5 3	18 43	0 2	8 14	1 23	28 13	4 45	2 32	1 32	14 10	2 10	15 47	0 45	20 32	0 25	7 44	12 32	22 6	22 19	5 54	6 47	0 47									
M 18	13 11	11 53	5 11	18 35	0n12	7 45	1 22	28 11	4 43	2 34	1 32	14 11	2 10	15 48	0 45	20 31	0 25	7 44	12 32	22 6	22 20	5 51	6 49	0 46									
T 19	12 52	16 19	5 5	18 24	0 24	7 16	1 22	28 9	4 41	2 37	1 32	14 12	2 9	15 48	0 45	20 31	0 25	7 45	12 31	22 9	22 20	5 48	6 52	0 46									
W 20	12 32	20 9	4 45	18 11	0 36	6 46	1 21	28 7	4 39	2 39	1 32	14 13	2 9																				

SWISS EPHEMERIS for the year 1749

SEPTEMBER 1749

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M 1	22 41 4	8 ^m 34'55	4 ^h 20	2 ^m 48	0 ^m 44	4 ^h 50	25°R33	15 ^m 26	18°R40	26 ^h 43	29 ^m 13	18°R17	16 ^h 45	7 ^m 17	17 ^h 10								
T 2	22 45 0	9°33'05	18°17	4°45	1°58	5°13	25 ^h 26	15°30	18 ^h 38	26°44	29°13	18 ^h 13	16°42	7°23	17°18								
W 3	22 48 57	10°31'18	1 ^h 46	6°41	3°12	5°37	25°18	15°35	18°36	26°46	29°14	18°10	16°39	7°30	17°25								
T 4	22 52 53	11°29'32	14°48	8°37	4°25	6° 1	25°11	15°39	18°34	26°48	29°15	18°D10	16°36	7°37	17°33								
F 5	22 56 50	12°27'49	27°27	10°32	5°39	6°25	25° 3	15°43	18°32	26°49	29°16	18°11	16°33	7°43	17°41								
S 6	23 0 46	13°26'08	9 ^h 48	12°26	6°53	6°50	24°55	15°48	18°30	26°51	29°17	18°12	16°30	7°50	17°49								
S 7	23 4 43	14°24'28	21°55	14°20	8° 6	7°16	24°48	15°52	18°28	26°53	29°18	18°R12	16°26	7°57	17°56								
M 8	23 8 39	15°22'51	3 ^h 25	16°12	9°20	7°41	24°40	15°57	18°26	26°54	29°19	18°11	16°23	8° 4	18° 4								
T 9	23 12 36	16°21'16	15°44	18° 4	10°34	8° 8	24°32	16° 1	18°24	26°56	29°20	18° 7	16°20	8°10	18°12								
W10	23 16 33	17°19'43	27°33	19°54	11°47	8°35	24°24	16° 6	18°22	26°58	29°21	18° 1	16°17	8°17	18°20								
T 11	23 20 29	18°18'11	9 ^m 22	21°44	13° 1	9° 2	24°16	16°11	18°20	26°59	29°22	17°52	16°14	8°24	18°28								
F 12	23 24 26	19°16'42	21°14	23°32	14°14	9°30	24° 8	16°16	18°18	27° 1	29°23	17°41	16°10	8°30	18°36								
S 13	23 28 22	20°15'14	3 ^h 25	25°20	15°28	9°58	24° 0	16°21	18°16	27° 2	29°24	17°29	16° 7	8°37	18°44								
S 14	23 32 19	21°13'48	15°10	27° 6	16°42	10°26	23°52	16°26	18°14	27° 4	29°25	17°17	16° 4	8°44	18°52								
M15	23 36 15	22°12'24	27°17	28°52	17°55	10°55	23°44	16°31	18°12	27° 5	29°26	17° 6	16° 1	8°50	19° 0								
T 16	23 40 12	23°11'02	9 ^m 32	0 ^h 36	19° 9	11°24	23°36	16°36	18°10	27° 6	29°27	16°57	15°58	8°57	19° 9								
W17	23 44 8	24° 9'42	21°58	2°19	20°22	11°54	23°28	16°41	18° 8	27° 8	29°29	16°50	15°55	9° 4	19°17								
T 18	23 48 5	25° 8'24	4 ^h 37	4° 1	21°36	12°24	23°20	16°46	18° 7	27° 9	29°30	16°46	15°51	9°10	19°25								
F 19	23 52 1	26° 7'07	17°33	5°43	22°49	12°54	23°12	16°52	18° 5	27°11	29°31	16°44	15°48	9°17	19°33								
S 20	23 55 58	27° 5'52	0 ^h 48	7°23	24° 3	13°25	23° 4	16°57	18° 3	27°12	29°33	16°D44	15°45	9°24	19°42								
S 21	23 59 55	28° 4'39	14°27	9° 2	25°16	13°56	22°56	17° 2	18° 1	27°13	29°34	16°R44	15°42	9°31	19°50								
M22	0 3 51	29° 3'27	28°30	10°41	26°30	14°28	22°48	17° 8	18° 0	27°14	29°35	16°43	15°39	9°37	19°58								
T 23	0 7 48	0 ^h 21	12 ^h 57	12°18	27°43	14°59	22°40	17°13	17°58	27°16	29°37	16°41	15°36	9°44	20° 7								
W24	0 11 44	1° 1'09	27°48	13°55	28°57	15°31	22°33	17°19	17°57	27°17	29°38	16°37	15°32	9°51	20°15								
T 25	0 15 41	2° 0'03	12 ^h 54	15°30	0 ^m 10	16° 4	22°25	17°25	17°55	27°18	29°40	16°29	15°29	9°57	20°24								
F 26	0 19 37	2°58'58	28° 8	17° 5	1°23	16°36	22°17	17°30	17°54	27°19	29°41	16°19	15°26	10° 4	20°32								
S 27	0 23 34	3°57'56	13 ^h 18	18°39	2°37	17° 9	22° 9	17°36	17°52	27°20	29°43	16° 9	15°23	10°11	20°40								
S 28	0 27 30	4°56'55	28°14	20°12	3°50	17°43	22° 2	17°42	17°51	27°21	29°44	15°58	15°20	10°17	20°49								
M29	0 31 27	5°55'57	12 ^h 48	21°44	5° 3	18°16	21°54	17°48	17°50	27°22	29°46	15°48	15°16	10°24	20°57								
T 30	0 35 24	6°55'01	26 ^h 54	23 ^h 16	6 ^m 17	18°50	21 ^h 47	17 ^m 54	17 ^h 48	27°23	29 ^m 47	15 ^h 41	15 ^h 13	10 ^m 31	21 ^h 6								

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	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	8n22	17n37	4n56	12n 9	1n47	0n41	1n 4	27s37	4s14	3s13	1s35	14s28	2n 6	15s58	0s45	20n26	0s25	7s52	12n25	22s13	22s25	5n 9	7s23	0s41
T 2	8 0 21	34 4 26	11 27	1 47	0 10	1 2	27 34	4 12	3 16	1 35	14 30	2 6	15 58	0 45	20 26	0 25	7 53	12 24	22 14	22 26	5 6	7 26	0 41	
W 3	7 38	24 11	3 43	10 44	1 47	0s21	1 0	27 31	4 10	3 19	1 35	14 31	2 6	15 59	0 45	20 26	0 25	7 54	12 24	22 14	22 26	5 3	7 28	0 41
T 4	7 16	25 25	2 50	9 59	1 46	0 52	0 58	27 28	4 8	3 22	1 35	14 33	2 6	16 0	0 45	20 25	0 25	7 54	12 23	22 14	22 26	5 0	7 31	0 40
F 5	6 54	25 16	1 49	9 14	1 44	1 24	0 56	27 24	4 6	3 25	1 35	14 34	2 5	16 0	0 45	20 25	0 25	7 55	12 23	22 14	22 27	4 57	7 34	0 40
S 6	6 31	23 52	0 45	8 28	1 42	1 54	0 54	27 21	4 4	3 29	1 35	14 35	2 5	16 1	0 45	20 25	0 25	7 56	12 22	22 14	22 27	4 54	7 36	0 39
S 7	6 9	21 22	0s20	7 42	1 39	2 26	0 52	27 17	4 1	3 32	1 35	14 37	2 5	16 1	0 45	20 24	0 25	7 56	12 22	22 14	22 28	4 52	7 39	0 39
M 8	5 46	17 58	1 23	6 56	1 36	2 57	0 50	27 14	3 59	3 35	1 35	14 38	2 5	16 2	0 45	20 24	0 25	7 57	12 21	22 14	22 28	4 49	7 42	0 39
T 9	5 24	13 53	2 22	6 9	1 32	3 28	0 47	27 10	3 57	3 38	1 36	14 40	2 5	16 3	0 45	20 24	0 25	7 58	12 21	22 15	22 28	4 46	7 44	0 38
W10	5 1 9	18 3	3 14	5 21	1 28	3 58	0 45	27 6	3 55	3 41	1 36	14 42	2 4	16 3	0 45	20 23	0 25	7 58	12 21	22 16	22 29	4 43	7 47	0 38
T 11	4 38	4 23	3 58	4 34	1 24	4 29	0 43	27 2	3 53	3 45	1 36	14 43	2 4	16 4	0 45	20 23	0 25	7 59	12 20	22 17	22 29	4 40	7 50	0 38
F 12	4 15	0s41	4 32	3 47	1 19	5 0	0 41	26 58	3 50	3 48	1 36	14 45	2 4	16 4	0 45	20 23	0 25	8 0	12 20	22 18	22 29	4 37	7 53	0 37
S 13	3 52	5 44	4 53	2 59	1 14	5 31	0 38	26 54	3 48	3 51	1 36	14 46	2 4	16 5	0 45	20 23	0 25	8 0	12 19	22 20	22 30	4 34	7 55	0 37
S 14	3 29	10 37	5 2	2 12	1 9	6 1	0 36	26 49	3 46	3 54	1 36	14 48	2 4	16 6	0 45	20 22	0 25	8 1	12 19	22 21	22 30	4 31	7 58	0 37
M15	3 6	15 9	4 58	1 25	1 3	6 32	0 33	26 45	3 44	3 58	1 36	14 50	2 3	16 6	0 45	20 22	0 25	8 2	12 18	22 23	22 31	4 28	8 1	0 36
T 16	2 43	19 6	4 40	0 38	0 57	7 2	0 31	26 40	3 42	4 1	1 36	14 51	2 3	16 7	0 45	20 22	0 25	8 2	12 18	22 24	22 31	4 25	8 4	0 36
W17	2 19	22 17	4 8	0s 9	0 51	7 32	0 28	26 35	3 40	4 4	1 36	14 53	2 3	16 7	0 45	20 21	0 25	8 3	12 17	22 25	22 31	4 22	8 7	0 36
T 18	1 56	24 26	3 24	0 55	0 45	8 2	0 26	26 30	3 37	4 7	1 36	14 54	2 3	16 8	0 45	20 21	0 25	8 4	12 17	22 25	22 32	4 19	8 9	0 35
F 19	1 33	25 21	2 28	1 41	0 38	8 32	0 23	26 25	3 35	4 10	1 36	14 56	2 3	16 8	0 44	20 21	0 25	8 4	12 16	22 25	22 32	4 16	8 12	0 35
S 20	1 9	24 52	1 24	2 27	0 32	9 2	0 20	26 20	3 33	4 13	1 36	14 58	2 2	16 9	0 44	20 21	0 25	8 5	12 16	22 25	22 32	4 13	8 15	0 35
S 21	0 46	22 53	0 12	3 12	0 25	9 31	0 18	26 14	3 31	4 17	1 36	15 0	2 2	16 9	0 44	20 20	0 25	8 6	12 16	22 25	22 33	4 10	8 18	0 34
M22	0 23	19 29	1n 2	3 57	0 18	10 0	0 15	26 9	3 29	4 20	1 36	15 1	2 2	16 10	0 44	20 20	0 25	8 6	12 15	22 25	22 33	4 7	8 21	0 34
T 23	0s 1	14 48	2 14	4 42	0 11	10 29	0 12	26 3	3 27	4 23	1 36	15 3	2 2	16 10	0 44	20 20	0 25	8 7	12 15	22 26	22 34	4 4	8 24	0 34
W24	0 24	9 8	3 19	5 26	0 4	10 58	0 9	25 57	3 24	4 26	1 36	15 5	2 2	16 11	0 44	20 20	0 25	8 8	12 14	22 26	22 34	4 1	8 26	0 33
T 25	0 48	2 51	4 11	6 9	0s 3	11 27	0 7	25 51	3 22	4 29	1 36	15 6	2 2	16 11	0 44	20 19	0 25	8 9	12 14	22 27	22 34	3 58	8 29	0 33
F 26	1 11	3n38	4 46	6 52	0 10	11 55	0 4	25 45	3 20	4 32	1 36	15 8	2 1	16 12	0 44	20 19	0 25	8 9	12 13	22 28	22 35	3 55	8 32	0 33
S 27	1 35	9 52	5 1	7 35	0 17	12 23	0 1	25 39	3 18	4 35	1 36	15 10	2 1	16 12	0 44	20 19	0 25	8 10	12 13	22 30	22 35	3 52	8 35	0 32
S 28	1 58	15 26	4 54	8 17	0 24	12 51	0s 2	25 32	3 16	4 38	1 36	15 12	2 1											

SWISS EPHEMERIS for the year 1749

OCTOBER 1749

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W 1	0 39 20	7♁54'08	10♂29	24♁46	7♂30	19♁24	21°R39	18♂ 0	17°R47	27♁24	29♂49	15°R36	15♁10	10♂38	21♁15
T 2	0 43 17	8°53'16	23°36	26°16	8°43	19°58	21♂32	18° 6	17°46	27°25	29°51	15♁34	15° 7	10°44	21°23
F 3	0 47 13	9°52'28	6♁27	27°45	9°57	20°33	21°25	18°12	17°45	27°26	29°52	15°33	15° 4	10°51	21°32
S 4	0 51 10	10°51'41	18°37	29°13	11°10	21° 7	21°18	18°18	17°43	27°27	29°54	15°33	15° 1	10°58	21°40
S 5	0 55 6	11°50'57	0♂42	0♂40	12°23	21°42	21°11	18°24	17°42	27°28	29°56	15°33	14°57	11° 4	21°49
M 6	0 59 3	12°50'15	12°37	2° 6	13°36	22°18	21° 4	18°31	17°41	27°29	29°57	15°30	14°54	11°11	21°58
T 7	1 2 59	13°49'35	24°27	3°32	14°50	22°53	20°57	18°37	17°40	27°30	29°59	15°26	14°51	11°18	22° 6
W 8	1 6 56	14°48'57	6♂16	4°56	16° 3	23°29	20°50	18°43	17°39	27°31	0♁ 1	15°18	14°48	11°24	22°15
T 9	1 10 53	15°48'22	18° 7	6°20	17°16	24° 5	20°44	18°49	17°38	27°31	0° 3	15° 8	14°45	11°31	22°24
F 10	1 14 49	16°47'49	0♁ 3	7°42	18°29	24°41	20°37	18°56	17°37	27°32	0° 5	14°55	14°42	11°38	22°32
S 11	1 18 46	17°47'18	12° 6	9° 4	19°42	25°17	20°31	19° 2	17°37	27°33	0° 7	14°41	14°38	11°44	22°41
S 12	1 22 42	18°46'49	24°17	10°25	20°55	25°54	20°25	19° 9	17°36	27°33	0° 8	14°26	14°35	11°51	22°50
M13	1 26 39	19°46'22	6♂36	11°44	22° 9	26°30	20°19	19°15	17°35	27°34	0°10	14°13	14°32	11°58	22°58
T 14	1 30 35	20°45'57	19° 5	13° 3	23°22	27° 7	20°13	19°22	17°34	27°35	0°12	14° 1	14°29	12° 5	23° 7
W15	1 34 32	21°45'34	1♁43	14°20	24°35	27°45	20° 7	19°28	17°34	27°35	0°14	13°53	14°26	12°11	23°16
T 16	1 38 28	22°45'13	14°33	15°35	25°48	28°22	20° 1	19°35	17°33	27°36	0°16	13°47	14°22	12°18	23°24
F 17	1 42 25	23°44'54	27°35	16°50	27° 1	28°59	19°56	19°42	17°33	27°36	0°18	13°44	14°19	12°25	23°33
S 18	1 46 22	24°44'36	10♁52	18° 2	28°14	29°37	19°51	19°48	17°32	27°37	0°20	13°D43	14°16	12°31	23°42
S 19	1 50 18	25°44'21	24°26	19°13	29°27	0♁15	19°46	19°55	17°32	27°37	0°22	13°R44	14°13	12°38	23°51
M20	1 54 15	26°44'06	8♁19	20°23	0♁40	0°53	19°41	20° 2	17°31	27°37	0°24	13°43	14°10	12°45	23°59
T 21	1 58 11	27°43'54	22°31	21°30	1°53	1°31	19°36	20° 9	17°31	27°38	0°26	13°41	14° 7	12°52	24° 8
W22	2 2 8	28°43'43	7♂ 2	22°34	3° 6	2°10	19°32	20°15	17°31	27°38	0°28	13°37	14° 3	12°58	24°17
T 23	2 6 4	29°43'34	21°48	23°37	4°18	2°48	19°27	20°22	17°30	27°38	0°30	13°29	14° 0	13° 5	24°25
F 24	2 10 1	0♂43'26	6♀42	24°36	5°31	3°27	19°23	20°29	17°30	27°39	0°33	13°20	13°57	13°12	24°34
S 25	2 13 57	1°43'21	21°36	25°33	6°44	4° 6	19°19	20°36	17°30	27°39	0°35	13° 9	13°54	13°18	24°43
S 26	2 17 54	2°43'17	6♁21	26°26	7°57	4°45	19°15	20°43	17°30	27°39	0°37	12°58	13°51	13°25	24°51
M27	2 21 51	3°43'15	20°49	27°16	9°10	5°24	19°11	20°50	17°D30	27°39	0°39	12°49	13°47	13°32	25° 0
T 28	2 25 47	4°43'15	4♂53	28° 1	10°22	6° 3	19° 8	20°57	17°30	27°39	0°41	12°41	13°44	13°38	25° 9
W29	2 29 44	5°43'18	18°30	28°41	11°35	6°42	19° 5	21° 4	17°30	27°39	0°43	12°36	13°41	13°45	25°17
T 30	2 33 40	6°43'22	1♁41	29°17	12°48	7°22	19° 2	21°11	17°30	27°39	0°46	12°34	13°38	13°52	25°26
F 31	2 37 37	7♂43'29	14♁26	29♂46	14♁ 0	8♁ 1	18♂59	21♂18	17♁30	27°R39	0♁48	12°D33	13♁35	13♂59	25♁34

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♂	♁	♂	♁								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	3s 8	24n55	2n54	10s19	0s46	14s12	0s11	25s12	3s 9	4s47	1s36	15s17	2n 1	16s14	0s44	20n18	0s25	8s13	12n11	22s34	22s37	3n40	8s47	0s31
T 2	3 32	25 12	1 53	10 59	0 53	14 39	0 14	25 4	3 7	4 50	1 36	15 19	2 0	16 14	0 44	20 18	0 25	8 14	12 11	22 34	22 37	3 37	8 50	0 31
F 3	3 55	24 8	0 49	11 38	1 0	15 5	0 17	24 57	3 5	4 52	1 36	15 21	2 0	16 14	0 44	20 18	0 25	8 14	12 11	22 34	22 37	3 34	8 53	0 31
S 4	4 18	21 55	0s16	12 16	1 7	15 31	0 20	24 50	3 3	4 55	1 35	15 23	2 0	16 15	0 44	20 18	0 25	8 15	12 10	22 34	22 38	3 31	8 56	0 30
S 5	4 41	18 44	1 19	12 53	1 14	15 56	0 23	24 42	3 1	4 58	1 35	15 24	2 0	16 15	0 44	20 17	0 25	8 16	12 10	22 34	22 38	3 28	8 59	0 30
M 6	5 5 14	50 2	18 13	30 1	21 16	21 0	26 24	34 2	59 5	0 1	35 15	26 2	0 16	15 0	44 20	17 0	25 8	16 12	9 22	34 22	38 3	25 9	1 0	30
T 7	5 28	10 24	3 10	14 6	1 28	16 46	0 29	24 26	2 57	5 3	1 35	15 28	2 0	16 15	0 44	20 17	0 25	8 17	12 9	22 35	22 39	3 22	9 4	0 29
W 8	5 51	5 36	3 54	14 41	1 35	17 10	0 32	24 18	2 55	5 6	1 35	15 30	2 0	16 16	0 44	20 17	0 25	8 18	12 9	22 36	22 39	3 19	9 7	0 29
T 9	6 14	0 36	4 27	15 15	1 42	17 34	0 35	24 9	2 53	5 8	1 35	15 32	1 59	16 16	0 44	20 17	0 25	8 19	12 8	22 37	22 39	3 16	9 10	0 29
F 10	6 37	4s27	4 50	15 48	1 48	17 57	0 38	24 1	2 51	5 10	1 35	15 34	1 59	16 16	0 44	20 17	0 25	8 19	12 8	22 38	22 40	3 13	9 13	0 28
S 11	6 59	9 22	4 59	16 21	1 54	18 20	0 41	23 52	2 49	5 13	1 35	15 36	1 59	16 16	0 44	20 17	0 25	8 20	12 8	22 40	22 40	3 10	9 16	0 28
S 12	7 22	14 0	4 55	16 52	2 1	18 43	0 44	23 43	2 46	5 15	1 34	15 37	1 59	16 17	0 44	20 16	0 25	8 21	12 7	22 41	22 40	3 7	9 19	0 28
M13	7 45	18 6	4 37	17 23	2 7	19 5	0 47	23 34	2 44	5 17	1 34	15 39	1 59	16 17	0 44	20 16	0 25	8 21	12 7	22 43	22 41	3 4	9 22	0 28
T 14	8 7	21 27	4 6	17 53	2 12	19 26	0 50	23 25	2 42	5 19	1 34	15 41	1 59	16 17	0 44	20 16	0 25	8 22	12 7	22 44	22 41	3 1	9 25	0 27
W15	8 29	23 50	3 22	18 21	2 18	19 47	0 53	23 16	2 40	5 22	1 34	15 43	1 59	16 17	0 44	20 16	0 25	8 23	12 6	22 45	22 41	2 58	9 28	0 27
T 16	8 52	25 1	2 28	18 49	2 23	20 8	0 56	23 6	2 38	5 24	1 34	15 45	1 59	16 17	0 44	20 16	0 25	8 23	12 6	22 45	22 42	2 55	9 31	0 27
F 17	9 14	24 51	1 24	19 15	2 28	20 28	0 58	22 56	2 36	5 26	1 34	15 47	1 58	16 17	0 44	20 16	0 25	8 24	12 6	22 46	22 42	2 52	9 34	0 26
S 18	9 36	23 17	0 15	19 41	2 33	20 47	1 1	22 46	2 34	5 28	1 33	15 49	1 58	16 18	0 44	20 16	0 25	8 25	12 5	22 46	22 42	2 49	9 37	0 26
S 19	9 58	20 20	0n56	20 5	2 37	21 6	1 4	22 36	2 32	5 29	1 33	15 51	1 58	16 18	0 44	20 16	0 25	8 26	12 5	22 46	22 43	2 46	9 40	0 26
M20	10 19	16 11	2 6	20 27	2 41	21 25	1 7	22 26	2 30	5 31	1 33	15 53	1 58	16 18	0 44	20 16	0 25	8 26	12 5	22 46	22 43	2 43	9 43	0 25
T 21	10 41	11 2	3 10	20 49	2 45	21 43	1 10	22 16	2 28	5 33	1 33	15 55	1 58	16 18	0 44	20 16	0 25	8 27	12 4	22 46	22 43	2 40	9 46	0 25
W22	11 2	5 11	4 3	21 9	2 48	22 0	1 13	22 5	2 26	5 34	1 33	15 56	1 58	16 18	0 44	20 15	0 25	8 28	12 4	22 47	22 44	2 37	9 49	0 25
T 23	11 23	1n 2	4 40	21 28	2 51	22 16	1 16	21 54	2 24	5 36	1 33	15 58	1 58	16 18	0 44	20 15	0 25	8 28	12 4	22 47	22 44	2 34	9 52	0 25
F 24	11 44	7 15	5 0	21 45	2 53	22 32	1 18	21 43	2 22	5 37	1 32	16 0	1 58	16 18	0 43	20 15	0 25	8 29	12 4	22 48	22 44	2 32	9 54	0 24
S 25	12 5	13 2	4 58	22 0	2 55	22 48	1 21	21 32	2 21	5 39	1 32	16 2	1 58	16 18	0 43	20 15	0 25	8 30	12 3	22 49	22 45	2 29	9 57	0 24
S 26	12 26	18 1	4 37	22 14	2 56	23 3	1 24	21 21	2 19	5 40	1 32	16 4	1 57	16 18	0 43	20 15	0 25	8 30	12 3	22 50	22 45	2 26	10 0	0 24
M27	12 46	21 49	3 58	22 26	2 56	23 17	1 26	21 9	2 17	5 41	1 32	16 6	1 57	16 18	0 43	20 15	0 25	8 31	12 3	22 51	22 45	2 23	10 3	0 23
T 28	13 7	24 11	3 6	22 36	2 56	23 30	1 29	20 58	2 15	5 43	1 31	16 8	1 57	16 18	0 43	20 15	0 25	8 32	12 3	22 52	22 46	2 20	10 6	0 23

SWISS EPHEMERIS for the year 1749

NOVEMBER 1749

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	2 41 33	8♈43'37	26♁50	0♁ 9	15♁13	8♁41	18°R56	21♈25	17♁30	27°R39	0♁50	12♁34	13♁32	14♁ 5	25♁43
S 2	2 45 30	9°43'48	8♁57	0°25	16°25	9°21	18♁54	21°32	17°31	27♁39	0°52	12°R34	13°28	14°12	25°51
M 3	2 49 26	10°44'00	20°54	0°34	17°38	10° 1	18°51	21°39	17°31	27°39	0°54	12°33	13°25	14°19	26° 0
T 4	2 53 23	11°44'15	2♈45	0°R34	18°51	10°41	18°49	21°46	17°31	27°39	0°57	12°31	13°22	14°25	26° 9
W 5	2 57 20	12°44'32	14°35	0°25	20° 3	11°21	18°47	21°53	17°32	27°39	0°59	12°26	13°19	14°32	26°17
T 6	3 1 16	13°44'50	26°28	0° 6	21°15	12° 1	18°46	22° 0	17°32	27°39	1° 1	12°19	13°16	14°39	26°25
F 7	3 5 13	14°45'11	8♁29	29♈38	22°28	12°41	18°44	22° 7	17°33	27°38	1° 3	12° 9	13°13	14°45	26°34
S 8	3 9 9	15°45'33	20°40	29° 0	23°40	13°22	18°43	22°14	17°33	27°38	1° 6	11°59	13° 9	14°52	26°42
S 9	3 13 6	16°45'58	3♈ 2	28°11	24°53	14° 2	18°42	22°21	17°34	27°38	1° 8	11°48	13° 6	14°59	26°51
M10	3 17 2	17°46'24	15°36	27°13	26° 5	14°43	18°41	22°28	17°35	27°38	1°10	11°38	13° 3	15° 6	26°59
T 11	3 20 59	18°46'52	28°23	26° 7	27°17	15°24	18°40	22°36	17°35	27°37	1°13	11°29	13° 0	15°12	27° 7
W12	3 24 55	19°47'21	11♁21	24°54	28°29	16° 4	18°40	22°43	17°36	27°37	1°15	11°23	12°57	15°19	27°16
T 13	3 28 52	20°47'52	24°31	23°36	29°41	16°45	18°40	22°50	17°37	27°36	1°17	11°19	12°53	15°26	27°24
F 14	3 32 49	21°48'24	7♁51	22°15	0♁54	17°26	18°D40	22°57	17°38	27°36	1°20	11°D17	12°50	15°32	27°32
S 15	3 36 45	22°48'58	21°23	20°54	2° 6	18° 7	18°40	23° 4	17°39	27°35	1°22	11°18	12°47	15°39	27°40
S 16	3 40 42	23°49'33	5♁ 5	19°36	3°18	18°49	18°40	23°11	17°40	27°35	1°24	11°19	12°44	15°46	27°49
M17	3 44 38	24°50'09	18°59	18°23	4°30	19°30	18°41	23°19	17°41	27°34	1°27	11°R20	12°41	15°53	27°57
T 18	3 48 35	25°50'46	3♁ 3	17°18	5°42	20°11	18°42	23°26	17°42	27°34	1°29	11°20	12°38	15°59	28° 5
W19	3 52 31	26°51'24	17°18	16°21	6°53	20°53	18°43	23°33	17°43	27°33	1°32	11°18	12°34	16° 6	28°13
T 20	3 56 28	27°52'03	1°Y41	15°36	8° 5	21°34	18°44	23°40	17°44	27°32	1°34	11°14	12°31	16°13	28°21
F 21	4 0 24	28°52'44	16° 8	15° 2	9°17	22°15	18°45	23°47	17°45	27°32	1°36	11° 9	12°28	16°19	28°29
S 22	4 4 21	29°53'26	0♁34	14°39	10°29	22°57	18°47	23°54	17°47	27°31	1°39	11° 2	12°25	16°26	28°37
S 23	4 8 18	0♁54'08	14°54	14°D28	11°40	23°39	18°49	24° 1	17°48	27°30	1°41	10°55	12°22	16°33	28°45
M24	4 12 14	1°54'53	29° 0	14°28	12°52	24°20	18°51	24° 8	17°49	27°30	1°43	10°49	12°19	16°40	28°52
T 25	4 16 11	2°55'38	12♁50	14°39	14° 3	25° 2	18°53	24°16	17°51	27°29	1°46	10°45	12°15	16°46	29° 0
W26	4 20 7	3°56'25	26°18	14°59	15°14	25°44	18°55	24°23	17°52	27°28	1°48	10°42	12°12	16°53	29° 8
T 27	4 24 4	4°57'13	9♁25	15°28	16°26	26°26	18°58	24°30	17°54	27°27	1°50	10°D41	12° 9	17° 0	29°16
F 28	4 28 0	5°58'02	22°10	16° 5	17°37	27° 8	19° 1	24°37	17°55	27°26	1°53	10°41	12° 6	17° 6	29°23
S 29	4 31 57	6°58'53	4♁36	16°49	18°48	27°49	19° 4	24°44	17°57	27°25	1°55	10°43	12° 3	17°13	29°31
S 30	4 35 53	7♁59'45	16♁47	17♈39	19♁59	28♁31	19♁ 7	24♈51	17♁58	27♁24	1♁58	10♁45	11♁59	17♁20	29♁38

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s26	19n35	1s15	22s54	2s45	24s18	1s39	20s10	2s 7	5s46	1s31	16s15	1n57	16s18	0s43
S 2	14 45 15 51	2 16 22 52	2 39 24 28	1 42 19 57	2 5 5 47	1 30 16 17	1 57 16 18	0 43 20 15	0 25 8 35	12 1 22 53	22 47	2 5 10 20	0 22		
M 3	15 4 11 33	3 10 22 47	2 33 24 37	1 44 19 45	2 3 5 48	1 30 16 19	1 57 16 17	0 43 20 15	0 25 8 36	12 1 22 53	22 48	2 2 10 23	0 21		
T 4	15 23 6 51	3 55 22 39	2 24 24 46	1 46 19 32	2 2 5 48	1 30 16 21	1 57 16 17	0 43 20 15	0 25 8 36	12 1 22 53	22 48	1 59 10 26	0 21		
W 5	15 41 1 56	4 30 22 27	2 14 24 54	1 48 19 19	2 0 5 49	1 30 16 23	1 57 16 17	0 43 20 15	0 25 8 37	12 1 22 53	22 48	1 56 10 29	0 21		
T 6	15 59 3s 5	4 53 22 12	2 3 25 1	1 51 19 6	1 58 5 49	1 29 16 25	1 57 16 17	0 43 20 15	0 25 8 38	12 1 22 54	22 49	1 53 10 32	0 20		
F 7	16 17 8 1	5 4 21 54	1 50 25 8	1 53 18 53	1 56 5 50	1 29 16 27	1 57 16 17	0 43 20 15	0 25 8 38	12 0 22 55	22 49	1 50 10 34	0 20		
S 8	16 35 12 43	5 1 21 31	1 35 25 14	1 55 18 39	1 54 5 50	1 29 16 29	1 57 16 17	0 43 20 15	0 25 8 39	12 0 22 56	22 49	1 47 10 37	0 20		
S 9	16 52 16 59	4 44 21 4	1 19 25 19	1 57 18 26	1 52 5 50	1 29 16 30	1 56 16 16	0 43 20 15	0 25 8 39	12 0 22 57	22 50	1 44 10 40	0 20		
M10	17 9 20 34	4 13 20 34	1 1 25 23	1 59 18 12	1 51 5 50	1 28 16 32	1 56 16 16	0 43 20 16	0 25 8 40	12 0 22 58	22 50	1 41 10 43	0 19		
T 11	17 26 23 14	3 29 20 0	0 43 25 27	2 0 17 59	1 49 5 50	1 28 16 34	1 56 16 16	0 43 20 16	0 25 8 41	12 0 22 59	22 50	1 38 10 45	0 19		
W12	17 43 24 43	2 34 19 23	0 23 25 30	2 2 17 45	1 47 5 50	1 28 16 36	1 56 16 16	0 43 20 16	0 25 8 41	11 59 22 59	22 50	1 35 10 48	0 19		
T 13	17 59 24 50	1 29 18 44	0 2 25 32	2 4 17 31	1 45 5 50	1 28 16 38	1 56 16 15	0 43 20 16	0 25 8 42	11 59 22 59	22 51	1 32 10 51	0 18		
F 14	18 15 23 33	0 19 18 3	0n19 25 34	2 6 17 16	1 44 5 50	1 27 16 40	1 56 16 15	0 43 20 16	0 25 8 42	11 59 23 0	22 51	1 29 10 54	0 18		
S 15	18 30 20 53	0n54 17 23	0 39 25 34	2 7 17 2	1 42 5 50	1 27 16 41	1 56 16 15	0 43 20 16	0 25 8 43	11 59 22 59	22 51	1 26 10 56	0 18		
S 16	18 45 17 0	2 5 16 43	0 58 25 34	2 9 16 48	1 40 5 49	1 27 16 43	1 56 16 14	0 43 20 16	0 25 8 44	11 59 22 59	22 52	1 23 10 59	0 17		
M17	19 0 12 9	3 9 16 6	1 16 25 34	2 10 16 33	1 38 5 49	1 27 16 45	1 56 16 14	0 43 20 16	0 25 8 44	11 59 22 59	22 52	1 20 11 2	0 17		
T 18	19 15 6 37	4 3 15 32	1 33 25 32	2 11 16 18	1 37 5 48	1 26 16 47	1 56 16 14	0 43 20 16	0 25 8 45	11 59 22 59	22 52	1 17 11 4	0 17		
W19	19 29 0 41	4 42 15 2	1 48 25 30	2 13 16 3	1 35 5 48	1 26 16 49	1 56 16 13	0 43 20 16	0 25 8 45	11 59 22 59	22 53	1 15 11 7	0 17		
T 20	19 43 5n20	5 5 14 37	2 0 25 27	2 14 15 48	1 33 5 47	1 26 16 50	1 56 16 13	0 43 20 17	0 25 8 46	11 58 23 0	22 53	1 12 11 9	0 16		
F 21	19 56 11 5	5 8 14 17	2 11 25 23	2 15 15 33	1 32 5 46	1 26 16 52	1 56 16 12	0 43 20 17	0 25 8 46	11 58 23 0	22 53	1 9 11 12	0 16		
S 22	20 9 16 14	4 51 14 2	2 19 25 19	2 16 15 18	1 30 5 45	1 25 16 54	1 56 16 12	0 43 20 17	0 25 8 47	11 58 23 1	22 54	1 6 11 14	0 16		
S 23	20 22 20 25	4 17 13 53	2 26 25 14	2 17 15 3	1 28 5 44	1 25 16 56	1 56 16 12	0 43 20 17	0 25 8 47	11 58 23 1	22 54	1 3 11 17	0 15		
M24	20 34 23 20	3 27 13 48	2 30 25 8	2 17 14 47	1 27 5 43	1 25 16 58	1 56 16 11	0 42 20 17	0 25 8 48	11 58 23 1	22 54	1 0 11 20	0 15		
T 25	20 46 24 47	2 26 13 49	2 33 25 1	2 18 14 32	1 25 5 42	1 24 16 59	1 56 16 11	0 42 20 17	0 25 8 48	11 58 23 2	22 54	0 57 11 22	0 15		
W26	20 58 24 43	1 18 13 53	2 35 24 54	2 19 14 16	1 23 5 41	1 24 17 1	1 56 16 10	0 42 20 17	0 25 8 49	11 58 23 2	22 55	0 54 11 24	0 15		
T 27	21 9 23 15	0 7 14 2	2 35 24 46	2 19 14 0	1 22 5 40	1 24 17 3	1 56 16 10	0 42 20 18	0 25 8 49	11 58 23 3	22 55	0 51 11 27	0 14		
F 28	21 20 20 37	1s 2 14 13	2 33 24 37	2 20 13 44	1 20 5 38	1 24 17 4	1 56 16 9	0 42 20 18	0 25 8 50	11 58 23 3	22 55	0 48 11 29	0 14		
S 29	21 30 17 5	2 7 14 28	2 31 24 28	2 20 13 28	1 19 5 37	1 23 17 6	1 56 16 9	0 42 20 18	0 25 8 50	11 58 23 3	22 56	0 45 11 32	0 14		
S 30	21s40	12n54	3s 4	14s45	2n28	24s18	2s20	13s12	1s17	5s35	1s23	17s 8	1n56	16s 8	0s42

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DECEMBER 1749

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	4 39 50	9♂ 0'39	28♁46	18♁34	21♁10	29♁13	19♁11	24♁58	18♁ 0	27°R23	2♁ 0	10♁46	11♁56	17♁26	29♁46
T 2	4 43 47	10° 1'33	10♁39	19°35	22°21	29°55	19°14	25° 5	18° 2	27°E22	2° 2	10°R47	11°53	17°33	29°53
W 3	4 47 43	11° 2'29	22°30	20°39	23°32	0♁37	19°18	25°12	18° 4	27°21	2° 5	10°46	11°50	17°40	0♁ 1
T 4	4 51 40	12° 3'26	4♁25	21°47	24°43	1°20	19°22	25°19	18° 5	27°20	2° 7	10°44	11°47	17°47	0° 8
F 5	4 55 36	13° 4'25	16°28	22°58	25°53	2° 2	19°26	25°26	18° 7	27°19	2° 9	10°41	11°44	17°53	0°15
S 6	4 59 33	14° 5'24	28°43	24°12	27° 4	2°44	19°31	25°33	18° 9	27°18	2°12	10°36	11°40	18° 0	0°23
S 7	5 3 29	15° 6'25	11♁12	25°28	28°14	3°26	19°35	25°40	18°11	27°17	2°14	10°32	11°37	18° 7	0°30
M 8	5 7 26	16° 7'27	23°58	26°47	29°25	4° 8	19°40	25°46	18°13	27°16	2°16	10°28	11°34	18°13	0°37
T 9	5 11 22	17° 8'30	7♁ 1	28° 7	0♁35	4°51	19°45	25°53	18°15	27°14	2°19	10°24	11°31	18°20	0°44
W10	5 15 19	18° 9'34	20°21	29°28	1°45	5°33	19°50	26° 0	18°17	27°13	2°21	10°22	11°28	18°27	0°51
T 11	5 19 16	19°10'38	3♁56	0♁51	2°55	6°16	19°55	26° 7	18°19	27°12	2°23	10°D21	11°25	18°34	0°58
F 12	5 23 12	20°11'43	17°43	2°15	4° 5	6°58	20° 1	26°14	18°22	27°11	2°25	10°21	11°21	18°40	1° 4
S 13	5 27 9	21°12'49	1♁41	3°40	5°15	7°40	20° 7	26°20	18°24	27° 9	2°28	10°22	11°18	18°47	1°11
S 14	5 31 5	22°13'55	15°45	5° 6	6°24	8°23	20°12	26°27	18°26	27° 8	2°30	10°23	11°15	18°54	1°18
M15	5 35 2	23°15'01	29°54	6°33	7°34	9° 5	20°18	26°34	18°28	27° 7	2°32	10°24	11°12	19° 0	1°24
T 16	5 38 58	24°16'07	14♁ 5	8° 0	8°43	9°48	20°25	26°40	18°31	27° 5	2°34	10°25	11° 9	19° 7	1°31
W17	5 42 55	25°17'14	28°16	9°28	9°52	10°30	20°31	26°47	18°33	27° 4	2°37	10°R25	11° 5	19°14	1°37
T 18	5 46 51	26°18'21	12°V25	10°57	11° 2	11°13	20°38	26°54	18°36	27° 3	2°39	10°25	11° 2	19°21	1°44
F 19	5 50 48	27°19'28	26°30	12°26	12°10	11°55	20°44	27° 0	18°38	27° 1	2°41	10°24	10°59	19°27	1°50
S 20	5 54 45	28°20'35	10♁28	13°55	13°19	12°38	20°51	27° 7	18°40	27° 0	2°43	10°22	10°56	19°34	1°56
S 21	5 58 41	29°21'43	24°17	15°25	14°28	13°20	20°58	27°13	18°43	26°58	2°46	10°21	10°53	19°41	2° 2
M22	6 2 38	0♁22'50	7♁55	16°55	15°36	14° 3	21° 5	27°19	18°46	26°57	2°48	10°19	10°50	19°47	2° 8
T 23	6 6 34	1°23'58	21°19	18°25	16°45	14°46	21°13	27°26	18°48	26°55	2°50	10°18	10°46	19°54	2°14
W24	6 10 31	2°25'06	4♁29	19°56	17°53	15°28	21°20	27°32	18°51	26°54	2°52	10°D18	10°43	20° 1	2°20
T 25	6 14 27	3°26'15	17°22	21°28	19° 1	16°11	21°28	27°38	18°53	26°52	2°54	10°18	10°40	20° 8	2°26
F 26	6 18 24	4°27'23	29°59	22°59	20° 8	16°53	21°36	27°44	18°56	26°51	2°56	10°18	10°37	20°14	2°32
S 27	6 22 21	5°28'32	12♁22	24°31	21°16	17°36	21°44	27°51	18°59	26°49	2°58	10°19	10°34	20°21	2°38
S 28	6 26 17	6°29'41	24°32	26° 3	22°23	18°19	21°52	27°57	19° 2	26°48	3° 0	10°19	10°31	20°28	2°43
M29	6 30 14	7°30'51	6♁32	27°36	23°30	19° 1	22° 0	28° 3	19° 4	26°46	3° 2	10°20	10°27	20°34	2°49
T 30	6 34 10	8°32'00	18°26	29° 9	24°37	19°44	22° 9	28° 9	19° 7	26°45	3° 4	10°20	10°24	20°41	2°54
W31	6 38 7	9♁33'10	0♁17	0♁42	25°44	20°26	22°17	28♁15	19°10	26°43	3♁ 6	10♁20	10♁21	20♁48	2♁59

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	21s50	8n17	3s53	15s 4	2n24	24s 7	2s20	12s56	1s15	5s34	1s23	17s 9	1n56	16s 8	0s42	20n18	0s25	8s51	11n58	23s 2	22s56	0n39	11s37	0s13
T 2	21 59	3 24	4 31	15 25	2 19	23 55	2 20	12 40	1 14	5 32	1 23	17 11	1 56	16 7	0 42	20 18	0 25	8 52	11 58	23 2	22 56	0 36	11 39	0 13
W 3	22 8	1s34	4 57	15 47	2 14	23 43	2 20	12 24	1 12	5 30	1 22	17 13	1 56	16 6	0 42	20 19	0 25	8 52	11 58	23 2	22 57	0 33	11 41	0 13
T 4	22 16	6 31	5 11	16 10	2 8	23 30	2 20	12 7	1 11	5 28	1 22	17 14	1 56	16 6	0 42	20 19	0 25	8 53	11 58	23 2	22 57	0 30	11 44	0 12
F 5	22 24	11 16	5 12	16 34	2 2	23 17	2 20	11 51	1 9	5 27	1 22	17 16	1 56	16 5	0 42	20 19	0 25	8 53	11 58	23 3	22 57	0 27	11 46	0 12
S 6	22 31	15 40	4 58	16 59	1 55	23 3	2 19	11 34	1 8	5 25	1 22	17 18	1 56	16 5	0 42	20 19	0 25	8 54	11 58	23 3	22 58	0 25	11 48	0 12
S 7	22 38	19 29	4 30	17 24	1 49	22 48	2 19	11 17	1 6	5 23	1 21	17 19	1 56	16 4	0 42	20 20	0 25	8 54	11 58	23 3	22 58	0 22	11 50	0 11
M 8	22 45	22 28	3 48	17 49	1 42	22 33	2 18	11 0	1 5	5 20	1 21	17 21	1 56	16 3	0 42	20 20	0 25	8 54	11 58	23 4	22 58	0 19	11 52	0 11
T 9	22 51	24 21	2 53	18 14	1 34	22 17	2 17	10 44	1 3	5 18	1 21	17 22	1 56	16 3	0 42	20 20	0 25	8 55	11 58	23 4	22 58	0 16	11 55	0 11
W10	22 57	24 55	1 48	18 39	1 27	22 1	2 16	10 27	1 2	5 16	1 21	17 24	1 56	16 2	0 42	20 20	0 25	8 55	11 58	23 4	22 59	0 13	11 57	0 10
T 11	23 2 24	0 35	19 4	1 20	21 44	2 15	10 10	1 0	5 14	1 20	17 26	1 56	16 1	0 42	20 21	0 25	8 56	11 58	23 4	22 59	0 10	11 59	0 10	0 10
F 12	23 7 21	38 0n41	19 28	1 12	21 26	2 14	9 52	0 59	5 11	1 20	17 27	1 56	16 1	0 42	20 21	0 25	8 56	11 58	23 4	22 59	0 7	12 1	0 10	0 10
S 13	23 11 17	57 1 55	19 52	1 4	21 8	2 13	9 35	0 57	5 9	1 20	17 29	1 56	16 0	0 42	20 21	0 25	8 56	11 58	23 4	22 59	0 4	12 3	0 10	0 10
S 14	23 15 13	13 3	3 20	15 0	57 20	49 2 11	9 18	0 56	5 6	1 20	17 30	1 56	15 59	0 42	20 21	0 25	8 57	11 58	23 4	23 0	0 1	12 5	0 9	0 9
M15	23 18 7	46 4	1 20	38 0	49 20	30 2 10	9 1	0 54	5 4	1 19	17 32	1 56	15 58	0 42	20 22	0 25	8 57	11 58	23 4	23 0	0s 2	12 7	0 9	0 9
T 16	23 21 1 54	4 43	20 59	0 41	20 10	2 8	8 43	0 53	5 1	1 19	17 33	1 56	15 58	0 42	20 22	0 25	8 57	11 58	23 4	23 0	0 5	12 9	0 9	0 9
W17	23 23 4n 2	5 9	21 21	0 34	19 50	2 7	8 26	0 52	4 58	1 19	17 35	1 56	15 57	0 42	20 22	0 25	8 58	11 58	23 4	23 0	0 8	12 11	0 8	0 8
T 18	23 25 9 45	5 16	21 41	0 26	19 29	2 5	8 9	0 50	4 55	1 19	17 36	1 56	15 56	0 42	20 22	0 25	8 58	11 58	23 4	23 1	0 11	12 13	0 8	0 8
F 19	23 27 14 57	5 4	22 0	0 19	19 8	2 3	7 51	0 49	4 53	1 18	17 37	1 57	15 55	0 42	20 23	0 25	8 58	11 58	23 4	23 1	0 14	12 15	0 8	0 8
S 20	23 28 19 18	4 34	22 19	0 11	18 46	2 1	7 34	0 47	4 50	1 18	17 39	1 57	15 55	0 42	20 23	0 25	8 59	11 58	23 4	23 1	0 16	12 17	0 7	0 7
S 21	23 28 22 33	3 48	22 36	0 4	18 24	1 58	7 16	0 46	4 47	1 18	17 40	1 57	15 54	0 42	20 23	0 25	8 59	11 58	23 4	23 2	0 19	12 19	0 7	0 7
M22	23 28 24 27	2 50	22 53	0s 3	18 2	1 56	6 58	0 45	4 44	1 18	17 42	1 57	15 53	0 42	20 23	0 25	8 59	11 59	23 4	23 2	0 22	12 20	0 7	0 7
T 23	23 28 24 54	1 43	23 8	0 10	17 39	1 54	6 41	0 43	4 40	1 17	17 43	1 57	15 52	0 42	20 24	0 25	9 0	11 59	23 4	23 2	0 25	12 22	0 7	0 7
W24	23 27 23 56	0 32	23 23	0 17	17 15	1 51	6 23	0 42	4 37	1 17	17 44	1 57	15 51	0 42	20 24	0 25	9 0	11 59	23 4	23 2	0 28	12 24	0 6	0 6
T 25	23 26 21 42	0s39	23 36	0 24	16 51	1 48	6 5	0 41	4 34	1 17	17 46	1 57	15 50	0 42	20 24	0 25	9 0	11 59	23 4	23 3	0 31	12 26	0 6	0 6
F 26	23 24 18 26	1 47	23 48	0 31	16 27	1 45	5 47	0 39	4 31	1 17	17 47	1 57	15 50	0 42	20 25	0 25	9 0	11 59	23 4	23 3	0 34	12 27	0 6	0 6
S 27	23 22 14 25	2 49	23 59	0 37	16 3	1 42	5 29	0 38	4 27	1 17	17 48	1 57	15 49	0 42	20 25	0 25	9 1	11 59	23 4	23 3	0 37	12 29	0 5	0 5
S 28	23 19 9 53	3 42	24 9	0 44	15 38	1 39	5 12	0 37	4 24	1 16	17 50	1 57	15 48	0 42	20 25	0 25	9 1	11 59	23 4	23 3	0 40	12 31	0 5</	