

SWISS EPHEMERIS for the year 1742

JANUARY 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	6 41 47	10 ³⁰ 25	3 ¹¹ 7	18 ⁴ 46	26 ³³ 32	12 ³ 10	11°R44	21°R24	18 ³ 24	8°R23	13 ¹¹ 23	16 ¹¹ 5	15 ¹¹ 1	25 ³ 34	1°R18
T 2	6 45 43	11°31'36	15° 1	20° 1	27°38	12°56	11 ¹¹ 38	21 ¹¹ 21	18°27	8 ¹¹ 22	13°24	16° 7	14°58	25°40	1 ¹¹ 14
W 3	6 49 40	12°32'47	27° 2	21°18	28°45	13°42	11°32	21°17	18°31	8°20	13°26	16° 8	14°55	25°47	1°10
T 4	6 53 36	13°33'58	9 ¹¹ 16	22°37	29°51	14°29	11°25	21°14	18°34	8°18	13°27	16°10	14°52	25°54	1° 6
F 5	6 57 33	14°35'09	21°44	23°56	0 ¹¹ 57	15°15	11°19	21°11	18°38	8°17	13°29	16°R10	14°48	26° 1	1° 2
S 6	7 1 29	15°36'20	4 ¹¹ 29	25°17	2° 3	16° 1	11°13	21° 7	18°42	8°15	13°30	16° 8	14°45	26° 7	0°58
S 7	7 5 26	16°37'31	17°32	26°39	3° 9	16°48	11° 6	21° 4	18°45	8°13	13°32	16° 5	14°42	26°14	0°54
M 8	7 9 22	17°38'41	0 ¹¹ 51	28° 2	4°14	17°34	10°59	21° 0	18°49	8°12	13°33	16° 1	14°39	26°21	0°50
T 9	7 13 19	18°39'51	14°25	29°26	5°19	18°21	10°52	20°57	18°52	8°10	13°34	15°56	14°36	26°27	0°46
W10	7 17 16	19°41'00	28°13	0 ¹¹ 51	6°24	19° 7	10°45	20°53	18°56	8° 8	13°36	15°50	14°33	26°34	0°42
T 11	7 21 12	20°42'09	12 ¹¹ 9	2°17	7°28	19°54	10°38	20°49	18°59	8° 7	13°37	15°45	14°29	26°41	0°39
F 12	7 25 9	21°43'17	26°12	3°43	8°32	20°41	10°31	20°45	19° 3	8° 5	13°38	15°41	14°26	26°47	0°35
S 13	7 29 5	22°44'24	10 ¹¹ 19	5°10	9°36	21°27	10°24	20°41	19° 6	8° 3	13°39	15°38	14°23	26°54	0°31
S 14	7 33 2	23°45'30	24°28	6°38	10°40	22°14	10°16	20°37	19°10	8° 2	13°40	15°D38	14°20	27° 1	0°28
M15	7 36 58	24°46'36	8 ¹¹ 36	8° 6	11°43	23° 1	10° 9	20°33	19°14	8° 0	13°42	15°38	14°17	27° 7	0°24
T 16	7 40 55	25°47'40	22°43	9°35	12°46	23°47	10° 1	20°29	19°17	7°58	13°43	15°40	14°14	27°14	0°20
W17	7 44 51	26°48'44	6 ¹¹ 46	11° 5	13°48	24°34	9°54	20°25	19°21	7°57	13°44	15°41	14°10	27°21	0°17
T 18	7 48 48	27°49'47	20°45	12°35	14°50	25°21	9°46	20°20	19°24	7°55	13°45	15°R41	14° 7	27°27	0°13
F 19	7 52 45	28°50'49	4 ¹¹ 36	14° 6	15°52	26° 8	9°39	20°16	19°28	7°54	13°46	15°40	14° 4	27°34	0°10
S 20	7 56 41	29°51'50	18°18	15°38	16°53	26°55	9°31	20°12	19°31	7°52	13°47	15°36	14° 1	27°41	0° 7
S 21	8 0 38	0 ¹¹ 52'50	1 ¹¹ 47	17°10	17°54	27°41	9°23	20° 7	19°35	7°51	13°48	15°30	13°58	27°48	0° 3
M22	8 4 34	1°53'49	15° 2	18°43	18°54	28°28	9°15	20° 3	19°38	7°49	13°49	15°22	13°54	27°54	0° 0
T 23	8 8 31	2°54'48	27°59	20°17	19°54	29°15	9° 7	19°58	19°42	7°48	13°49	15°13	13°51	28° 1	29 ¹¹ 57
W24	8 12 27	3°55'46	10 ¹¹ 40	21°51	20°54	0 ¹¹ 2	8°59	19°54	19°45	7°46	13°50	15° 4	13°48	28° 8	29°54
T 25	8 16 24	4°56'42	23° 4	23°25	21°53	0°49	8°51	19°49	19°49	7°45	13°51	14°56	13°45	28°14	29°51
F 26	8 20 20	5°57'39	5 ¹¹ 13	25° 1	22°51	1°36	8°43	19°44	19°52	7°43	13°52	14°49	13°42	28°21	29°48
S 27	8 24 17	6°58'34	17°12	26°37	23°49	2°23	8°35	19°40	19°56	7°42	13°52	14°45	13°39	28°28	29°45
S 28	8 28 14	7°59'29	29° 3	28°14	24°46	3°10	8°27	19°35	19°59	7°40	13°53	14°42	13°35	28°34	29°42
M29	8 32 10	9° 0'22	10 ¹¹ 53	29°51	25°43	3°57	8°19	19°30	20° 2	7°39	13°54	14°D42	13°32	28°41	29°39
T 30	8 36 7	10° 1'15	22°46	1 ¹¹ 30	26°40	4°44	8°11	19°26	20° 6	7°38	13°54	14°42	13°29	28°48	29°36
W31	8 40 3	11 ¹¹ 2'08	4 ¹¹ 47	3 ¹¹ 8	27 ¹¹ 35	5 ¹¹ 31	8 ¹¹ 3	19 ¹¹ 21	20 ¹¹ 9	7 ¹¹ 36	13 ¹¹ 55	14 ¹¹ 43	13 ¹¹ 26	28 ¹¹ 54	29 ¹¹ 34

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	23s 3	9s12	3n35	21s49	1n11	14s 4	1s27	23s49	0s54	18n 1	0n45	15n31	1n12	22s38	0s26	22n16	0s56	1s11	15n22	22n45	22n38	6s15	16n31	6s57
T 2	22 58	13 46	2 43	22 4	1 2	13 37	1 24	23 45	0 55	18 3	0 45	15 32	1 12	22 38	0 26	22 16	0 56	1 11	15 23	22 45	22 37	6 18	16 31	6 57
W 3	22 53	17 51	1 43	22 17	0 54	13 11	1 20	23 41	0 55	18 5	0 45	15 34	1 12	22 37	0 26	22 16	0 56	1 11	15 23	22 45	22 37	6 21	16 32	6 57
T 4	22 47	21 15	0 38	22 31	0 45	12 44	1 16	23 36	0 56	18 6	0 46	15 35	1 12	22 37	0 26	22 16	0 56	1 11	15 23	22 45	22 37	6 24	16 32	6 57
F 5	22 40	23 43	0 ³¹ 22	22 43	0 37	12 16	1 12	23 31	0 55	18 8	0 46	15 36	1 12	22 36	0 26	22 17	0 56	1 11	15 24	22 45	22 36	6 27	16 32	6 56
S 6	22 34	25 3	1 39	22 55	0 29	11 49	1 8	23 26	0 56	18 10	0 46	15 37	1 12	22 36	0 26	22 17	0 56	1 11	15 24	22 45	22 36	6 30	16 32	6 56
S 7	22 26	25 1	2 43	23 5	0 21	11 21	1 4	23 21	0 56	18 12	0 46	15 39	1 13	22 35	0 26	22 17	0 56	1 11	15 25	22 45	22 36	6 33	16 32	6 56
M 8	22 18	23 35	3 40	23 15	0 12	10 53	0 59	23 15	0 57	18 14	0 46	15 40	1 13	22 35	0 26	22 17	0 56	1 11	15 25	22 44	22 35	6 36	16 32	6 56
T 9	22 10	20 46	4 26	23 24	0 5	10 25	0 55	23 9	0 57	18 17	0 47	15 41	1 13	22 34	0 26	22 17	0 56	1 11	15 25	22 44	22 35	6 39	16 32	6 56
W10	22 2	16 45	4 57	23 31	0s 3	9 57	0 50	23 3	0 57	18 19	0 47	15 43	1 13	22 34	0 26	22 17	0 56	1 11	15 26	22 43	22 35	6 41	16 32	6 56
T 11	21 53	11 47	5 11	23 38	0 11	9 29	0 45	22 57	0 58	18 21	0 47	15 44	1 13	22 33	0 26	22 17	0 56	1 11	15 26	22 43	22 34	6 44	16 32	6 56
F 12	21 43	6 11	5 6	23 44	0 18	9 0	0 40	22 50	0 58	18 23	0 47	15 45	1 13	22 33	0 26	22 17	0 56	1 11	15 27	22 42	22 34	6 47	16 33	6 56
S 13	21 33	0 15	4 43	23 48	0 25	8 31	0 35	22 43	0 58	18 25	0 47	15 47	1 14	22 32	0 26	22 18	0 56	1 11	15 27	22 42	22 33	6 50	16 33	6 56
S 14	21 23	5n44	4 3	23 51	0 33	8 2	0 30	22 36	0 59	18 27	0 47	15 48	1 14	22 32	0 26	22 18	0 56	1 11	15 28	22 42	22 33	6 53	16 33	6 55
M15	21 12	11 25	3 8	23 53	0 39	7 34	0 25	22 29	0 59	18 29	0 48	15 50	1 14	22 31	0 26	22 18	0 56	1 11	15 28	22 42	22 33	6 56	16 33	6 55
T 16	21 1	16 31	2 2	23 54	0 46	7 4	0 19	22 21	0 59	18 32	0 48	15 51	1 14	22 31	0 26	22 18	0 56	1 11	15 29	22 42	22 32	6 59	16 33	6 55
W17	20 49	20 41	0 48	23 53	0 53	6 35	0 14	22 13	0 59	18 34	0 48	15 53	1 14	22 30	0 26	22 18	0 56	1 10	15 29	22 42	22 32	7 2	16 34	6 55
T 18	20 38	23 36	0n27	23 51	0 59	6 6	0 8	22 5	1 0	18 36	0 48	15 54	1 14	22 30	0 26	22 18	0 56	1 10	15 30	22 42	22 32	7 5	16 34	6 55
F 19	20 25	25 4	1 41	23 48	1 5	5 37	0 2	21 56	1 0	18 38	0 48	15 56	1 15	22 29	0 26	22 18	0 56	1 10	15 30	22 42	22 31	7 8	16 34	6 54
S 20	20 12	24 59	2 47	23 44	1 11	5 8	0n 4	21 47	1 0	18 40	0 48	15 57	1 15	22 29	0 26	22 18	0 56	1 10	15 30	22 42	22 31	7 11	16 34	6 54
S 21	19 59	23 25	3 43	23 38	1 16	4 38	0 10	21 39	1 1	18 43	0 48	15 59	1 15	22 28	0 26	22 18	0 56	1 10	15 31	22 41	22 31	7 14	16 34	6 54
M22	19 46	20 35	4 26	23 31	1 22	4 9	0 16	21 29	1 1	18 45	0 49	16 0	1 15	22 28	0 26	22 19	0 56	1 9	15 31	22 40	22 30	7 17	16 35	6 54
T 23	19 32	16 46	4 53	23 22	1 27	3 39	0 23	21 20	1 1	18 47	0 49	16 2	1 15	22 27	0 26	22 19	0 56	1 9	15 32	22 39	22 30	7 20	16 35	6 53
W24	19 18	12 18	5 6	23 12	1 31	3 10	0 29	21 10	1 1	18 49	0 49	16 4	1 15	22 27	0 26	22 19	0 56	1 9	15 32	22 38	22 29	7 23	16 35	6 53
T 25	19 3	7 24	5 4	23 1	1 36	2 41	0 36	21 0	1 2	18 52	0 49	16 5	1 15	22 26	0 26	22 19	0 56	1 9	15 33	22 37	22 29	7 26	16 36	6 53
F 26	18 49	2 20	4 48	22 48	1 40	2 12	0 42	20 50	1 2	18 54	0 49	16 7	1 16	22 26	0 26	22 19	0 56	1 9	15 33	22 36	22 29	7 29	16 36	6 53
S 27	18 33	2s46	4 20	22 34	1 44	1 42	0 49	20 40	1 2	18 56	0 49	16 8	1 16	22 26	0 26	22 19	0 56							

SWISS EPHEMERIS for the year 1742

FEBRUARY 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	8 44 0	12°25'9	17°31'3	4°48'8	28°31'31	6°18'18	7°55'19	19°R16	20°31'13	7°R35	13°M55	14°R44	13°II23	29°1'1	29°R31								
F 2	8 47 56	13°3'49	29°36	6°29	29°25	7°5	7°L47	19°L11	20°16	7°E33	13°56	14°II43	13°20	29°8	29°II28								
S 3	8 51 53	14°4'39	12°31	8°10	0°Y19	7°53	7°39	19°6	20°19	7°32	13°56	14°39	13°16	29°14	29°26								
S 4	8 55 49	15°5'27	25°49	9°52	1°12	8°40	7°32	19°1	20°23	7°31	13°57	14°33	13°13	29°21	29°24								
M 5	8 59 46	16°6'14	9°29	11°35	2°5	9°27	7°24	18°57	20°26	7°30	13°57	14°25	13°10	29°28	29°21								
T 6	9 3 43	17°7'00	23°30	13°18	2°56	10°14	7°16	18°52	20°29	7°28	13°58	14°14	13°7	29°34	29°19								
W 7	9 7 39	18°7'45	7°46	15°2	3°47	11°1	7°8	18°47	20°32	7°27	13°58	14°4	13°4	29°41	29°17								
T 8	9 11 36	19°8'27	22°12	16°48	4°37	11°49	7°0	18°42	20°36	7°26	13°58	13°53	13°0	29°48	29°15								
F 9	9 15 32	20°9'09	6°41	18°34	5°27	12°36	6°53	18°37	20°39	7°25	13°58	13°45	12°57	29°55	29°13								
S 10	9 19 29	21°9'48	21°7	20°21	6°15	13°23	6°45	18°32	20°42	7°24	13°59	13°39	12°54	0°M1	29°11								
S 11	9 23 25	22°10'26	5°25	22°8	7°3	14°10	6°38	18°27	20°45	7°23	13°59	13°36	12°51	0°8	29°9								
M12	9 27 22	23°11'02	19°34	23°57	7°50	14°57	6°30	18°22	20°48	7°21	13°59	13°D35	12°48	0°15	29°7								
T 13	9 31 18	24°11'37	3°II32	25°46	8°35	15°45	6°23	18°18	20°52	7°20	13°59	13°35	12°45	0°21	29°5								
W14	9 35 15	25°12'09	17°19	27°36	9°20	16°32	6°16	18°13	20°55	7°19	13°59	13°R35	12°41	0°28	29°4								
T 15	9 39 12	26°12'40	0°E56	29°27	10°4	17°19	6°9	18°8	20°58	7°18	13°R59	13°34	12°38	0°35	29°2								
F 16	9 43 8	27°13'09	14°22	1°X18	10°46	18°7	6°2	18°3	21°1	7°17	13°59	13°30	12°35	0°41	29°1								
S 17	9 47 5	28°13'36	27°38	3°10	11°28	18°54	5°55	17°58	21°4	7°16	13°59	13°24	12°32	0°48	28°59								
S 18	9 51 1	29°14'02	10°L44	5°2	12°8	19°41	5°48	17°54	21°7	7°16	13°59	13°14	12°29	0°55	28°58								
M19	9 54 58	0°X14'25	23°38	6°55	12°47	20°28	5°41	17°49	21°10	7°15	13°59	13°3	12°26	1°1	28°57								
T 20	9 58 54	1°14'47	6°M20	8°48	13°25	21°16	5°35	17°44	21°13	7°14	13°59	12°49	12°22	1°8	28°56								
W21	10 2 51	2°15'07	18°50	10°41	14°1	22°3	5°28	17°40	21°16	7°13	13°59	12°35	12°19	1°15	28°55								
T 22	10 6 47	3°15'26	1°L7	12°34	14°36	22°50	5°22	17°35	21°18	7°12	13°58	12°22	12°16	1°21	28°54								
F 23	10 10 44	4°15'42	13°12	14°27	15°10	23°38	5°15	17°30	21°21	7°11	13°58	12°11	12°13	1°28	28°53								
S 24	10 14 41	5°15'58	25°9	16°19	15°42	24°25	5°9	17°26	21°24	7°11	13°58	12°3	12°10	1°35	28°52								
S 25	10 18 37	6°16'11	6°M59	18°10	16°13	25°12	5°3	17°21	21°27	7°10	13°58	11°57	12°6	1°41	28°52								
M26	10 22 34	7°16'24	18°47	20°0	16°42	25°59	4°58	17°17	21°30	7°9	13°57	11°54	12°3	1°48	28°51								
T 27	10 26 30	8°16'34	0°X38	21°48	17°9	26°47	4°52	17°13	21°32	7°9	13°57	11°53	12°0	1°55	28°51								
W28	10 30 27	9°X16'44	12°X38	23°X34	17°Y35	27°X34	4°L46	17°L8	21°X35	7°E8	13°M56	11°II53	11°II57	2°M1	28°II50								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	17s12	23s3	0s12	21s1	1s59	0n43	1n25	19s44	1s3	19n7	0n50	16n16	1n16	22s23	0s26	22n20	0s56	1s7	15n36	22n36	22n26	7s46	16n38	6s51
F 2	16 55	24 47	1 19	20 38	2 1	1 11	1 33	19 33	1 3	19 9	0 50	16 18	1 16	22 23	0 26	22 20	0 56	1 6	15 37	22 36	22 26	7 49	16 38	6 50
S 3	16 38	25 15	2 23	20 13	2 2	1 40	1 40	19 21	1 3	19 11	0 50	16 20	1 17	22 22	0 26	22 20	0 56	1 6	15 37	22 35	22 25	7 52	16 38	6 50
S 4	16 20	24 18	3 21	19 47	2 4	2 8	1 48	19 9	1 4	19 13	0 50	16 21	1 17	22 22	0 26	22 20	0 56	1 6	15 38	22 35	22 25	7 55	16 39	6 50
M 5	16 2	21 54	4 9	19 20	2 5	2 36	1 56	18 56	1 4	19 15	0 50	16 23	1 17	22 21	0 26	22 20	0 56	1 5	15 38	22 34	22 25	7 58	16 39	6 49
T 6	15 44	18 10	4 44	18 51	2 5	3 4	2 4	18 44	1 4	19 18	0 50	16 25	1 17	22 21	0 26	22 20	0 56	1 5	15 39	22 32	22 24	8 1	16 39	6 49
W 7	15 25	13 19	5 1	18 20	2 5	3 32	2 12	18 31	1 4	19 20	0 50	16 26	1 17	22 20	0 26	22 20	0 56	1 5	15 39	22 31	22 24	8 4	16 40	6 48
T 8	15 6	7 41	5 0	17 48	2 4	3 59	2 21	18 18	1 4	19 22	0 50	16 28	1 17	22 20	0 26	22 20	0 56	1 4	15 40	22 30	22 24	8 7	16 40	6 48
F 9	14 47	1 37	4 39	17 15	2 4	4 27	2 29	18 5	1 4	19 24	0 51	16 29	1 17	22 19	0 26	22 20	0 56	1 4	15 40	22 29	22 23	8 10	16 41	6 48
S 10	14 28	4n31	4 1	16 39	2 2	4 54	2 37	17 51	1 4	19 26	0 51	16 31	1 17	22 19	0 26	22 21	0 56	1 3	15 41	22 28	22 23	8 13	16 41	6 47
S 11	14 8	10 24	3 8	16 3	2 0	5 20	2 46	17 38	1 5	19 28	0 51	16 33	1 17	22 18	0 26	22 21	0 56	1 3	15 41	22 28	22 22	8 16	16 41	6 47
M12	13 49	15 40	2 4	15 25	1 58	5 47	2 54	17 24	1 5	19 30	0 51	16 34	1 17	22 18	0 27	22 21	0 55	1 3	15 42	22 28	22 22	8 18	16 42	6 46
T 13	13 29	20 1	0 53	14 45	1 55	6 13	3 3	17 10	1 5	19 31	0 51	16 36	1 17	22 17	0 27	22 21	0 55	1 2	15 42	22 28	22 21	8 21	16 42	6 46
W14	13 8	23 12	0n20	14 4	1 52	6 39	3 12	16 56	1 5	19 33	0 51	16 37	1 18	22 17	0 27	22 21	0 55	1 2	15 43	22 28	22 21	8 24	16 43	6 46
T 15	12 48	24 59	1 31	13 22	1 48	7 4	3 21	16 42	1 5	19 35	0 51	16 39	1 18	22 16	0 27	22 21	0 55	1 1	15 43	22 28	22 21	8 27	16 43	6 45
F 16	12 27	25 16	2 35	12 38	1 43	7 29	3 30	16 27	1 5	19 37	0 51	16 40	1 18	22 16	0 27	22 21	0 55	1 1	15 44	22 27	22 20	8 30	16 44	6 45
S 17	12 6	24 6	3 31	11 53	1 38	7 54	3 39	16 13	1 5	19 39	0 51	16 42	1 18	22 16	0 27	22 21	0 55	1 0	15 44	22 26	22 20	8 33	16 44	6 44
S 18	11 45	21 38	4 14	11 7	1 32	8 18	3 48	15 58	1 5	19 40	0 51	16 43	1 18	22 15	0 27	22 21	0 55	1 0	15 44	22 25	22 19	8 36	16 44	6 44
M19	11 24	18 7	4 43	10 19	1 26	8 42	3 57	15 43	1 5	19 42	0 51	16 45	1 18	22 15	0 27	22 21	0 55	0 59	15 45	22 24	22 19	8 39	16 45	6 43
T 20	11 3	13 49	4 58	9 30	1 19	9 5	4 6	15 28	1 5	19 44	0 51	16 46	1 18	22 14	0 27	22 21	0 55	0 59	15 45	22 22	22 19	8 42	16 45	6 43
W21	10 41	9 0	4 58	8 40	1 11	9 28	4 16	15 13	1 5	19 45	0 51	16 48	1 18	22 14	0 27	22 22	0 55	0 58	15 46	22 20	22 18	8 45	16 46	6 42
T 22	10 20	3 54	4 45	7 50	1 3	9 50	4 25	14 57	1 6	19 47	0 51	16 49	1 18	22 13	0 27	22 22	0 55	0 58	15 46	22 19	22 18	8 48	16 46	6 42
F 23	9 58	1s15	4 18	6 58	0 54	10 12	4 35	14 42	1 6	19 49	0 51	16 51	1 18	22 13	0 27	22 22	0 55	0 57	15 47	22 17	22 17	8 51	16 47	6 41
S 24	9 36	6 19	3 40	6 6	0 45	10 33	4 44	14 26	1 6	19 50	0 51	16 52	1 18	22 13	0 27	22 22	0 55	0 57	15 47	22 16	22 17	8 54	16 47	6 41
S 25	9 13	11 8	2 53	5 13	0 35	10 54	4 53	14 10	1 6	19 52	0 51	16 54	1 18	22 12	0 27	22 22	0 55	0 56	15 48	22 15	22 17	8 57	16 48	6 40
M26	8 51	15 32	1 59	4 20	0 24	11 14	5 3	13 54	1 6	19 53	0 51	16 55	1 18	22 12	0 27	22 22	0 55	0 56	15 48	22 15	22 16	8 59	16 48	6 40
T 27	8 29	19 21	0 59	3 27	0 13	11 33	5 12	13 38	1 6	19 54	0 51	16 57	1 18	22 11	0 27	22 22	0 55	0 55	15 49	22 15	22 16	9 2	16 49	6 39
W28	8s 6	22s25	0s 4	2s35	0s 1	11n52	5n22	13s22	1s 6	19n56	0n51	16n58	1n18	22s11	0s27	22n22	0s55	0s55	15n49	22n15	22n15	9s 5	16n49	6s39

Julian Day Number = 2357343.5, Delta T = 11.15 sec
 Ecliptic obliquity = 23°28'25", Nutation = - 0°00'15"
 Ayanamsha: Fagan/Bradley = 21°08'23", Lahiri = 20°15'23"Greg. Calendar

SWISS EPHEMERIS for the year 1742

MARCH 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
T 1	10 34 23	10♌16'51	24♌51	25♌17	17♍59	28♎21	4°R41	17°R 4	21♏38	7°R 7	13°R56	11°R53	11♐54	2♑ 8	28°R50	
F 2	10 38 20	11°16'57	7♌23	26°58	18°21	29° 9	4♌36	17♎ 0	21°40	7♏ 7	13♌55	11♐51	11°51	2°15	28♐50	
S 3	10 42 16	12°17'02	20°20	28°35	18°41	29°56	4°31	16°56	21°43	7° 6	13°55	11°47	11°47	2°21	28°50	
S 4	10 46 13	13°17'05	3♌43	0♍ 8	18°59	0♌43	4°26	16°51	21°45	7° 6	13°54	11°40	11°44	2°28	28°D50	
M 5	10 50 10	14°17'06	17°33	1°36	19°16	1°31	4°21	16°47	21°48	7° 5	13°54	11°31	11°41	2°35	28°50	
T 6	10 54 6	15°17'05	1♌50	2°59	19°30	2°18	4°17	16°43	21°50	7° 5	13°53	11°20	11°38	2°41	28°50	
W 7	10 58 3	16°17'02	16°27	4°16	19°42	3° 5	4°12	16°39	21°53	7° 4	13°52	11° 8	11°35	2°48	28°50	
T 8	11 1 59	17°16'57	1♍18	5°27	19°52	3°52	4° 8	16°36	21°55	7° 4	13°52	10°56	11°31	2°55	28°50	
F 9	11 5 56	18°16'51	16°13	6°31	19°59	4°40	4° 4	16°32	21°57	7° 4	13°51	10°47	11°28	3° 2	28°51	
S 10	11 9 52	19°16'42	1♌ 3	7°28	20° 5	5°27	4° 0	16°28	22° 0	7° 3	13°50	10°39	11°25	3° 8	28°51	
S 11	11 13 49	20°16'31	15°42	8°18	20° 8	6°14	3°56	16°24	22° 2	7° 3	13°49	10°35	11°22	3°15	28°52	
M12	11 17 45	21°16'18	0♐ 5	9° 0	20°R 8	7° 1	3°53	16°21	22° 4	7° 3	13°49	10°33	11°19	3°22	28°52	
T 13	11 21 42	22°16'02	14° 8	9°34	20° 6	7°48	3°50	16°17	22° 6	7° 3	13°48	10°D33	11°16	3°28	28°53	
W14	11 25 39	23°15'45	27° 53	9°59	20° 2	8°36	3°46	16°14	22° 9	7° 3	13°47	10°R33	11°12	3°35	28°54	
T 15	11 29 35	24°15'25	11♌21	10°16	19°55	9°23	3°43	16°11	22°11	7° 2	13°46	10°32	11° 9	3°42	28°55	
F 16	11 33 32	25°15'02	24°33	10°25	19°46	10°10	3°41	16° 7	22°13	7° 2	13°45	10°29	11° 6	3°48	28°56	
S 17	11 37 28	26°14'38	7♌31	10°R26	19°34	10°57	3°38	16° 4	22°15	7° 2	13°44	10°23	11° 3	3°55	28°57	
S 18	11 41 25	27°14'11	20°17	10°19	19°19	11°44	3°36	16° 1	22°17	7°D 2	13°43	10°14	11° 0	4° 2	28°58	
M19	11 45 21	28°13'42	2♐52	10° 4	19° 2	12°31	3°34	15°58	22°19	7° 2	13°42	10° 3	10°57	4° 8	29° 0	
T 20	11 49 18	29°13'10	15°16	9°42	18°43	13°18	3°32	15°55	22°21	7° 2	13°41	9°51	10°53	4°15	29° 1	
W21	11 53 14	0♍12'37	27°32	9°13	18°21	14° 5	3°30	15°53	22°22	7° 2	13°40	9°38	10°50	4°22	29° 3	
T 22	11 57 11	1°12'01	9♌38	8°39	17°57	14°52	3°28	15°50	22°24	7° 3	13°39	9°26	10°47	4°28	29° 4	
F 23	12 1 7	2°11'23	21°37	7°59	17°31	15°39	3°27	15°47	22°26	7° 3	13°38	9°15	10°44	4°35	29° 6	
S 24	12 5 4	3°10'44	3♌29	7°15	17° 3	16°26	3°25	15°45	22°28	7° 3	13°37	9° 7	10°41	4°42	29° 8	
S 25	12 9 1	4°10'02	15°18	6°28	16°33	17°13	3°24	15°42	22°29	7° 3	13°35	9° 1	10°37	4°48	29° 9	
M26	12 12 57	5° 9'19	27° 6	5°39	16° 2	18° 0	3°23	15°40	22°31	7° 3	13°34	8°59	10°34	4°55	29°11	
T 27	12 16 54	6° 8'34	8♌57	4°48	15°28	18°47	3°23	15°38	22°33	7° 4	13°33	8°D58	10°31	5° 2	29°13	
W28	12 20 50	7° 7'47	20°55	3°57	14°54	19°34	3°22	15°36	22°34	7° 4	13°32	8°58	10°28	5° 8	29°15	
T 29	12 24 47	8° 6'59	3♌ 7	3° 8	14°18	20°21	3°22	15°34	22°36	7° 4	13°31	8°R59	10°25	5°15	29°18	
F 30	12 28 43	9° 6'08	15°36	2°20	13°41	21° 8	3°D22	15°32	22°37	7° 5	13°29	8°59	10°22	5°22	29°20	
S 31	12 32 40	10° 5'16	28♌29	1♍34	13° 4	21°55	3♌22	15°30	22♌38	7♏ 5	13♌28	8♐57	10♐18	5♑28	29♐22	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	7s43	24s30	1s 8	1s42	0n11	12n10	5n31	13s 5	1s 6	19n57	0n51	16n59	1n18	22s11	0s27	22n22	0s55	0s54	15n50	22n15	22n15	9s 8	16n50	6s39
F 2	7 21 25	26 2 11	0 51	0 24	12 27	5 41	12 49	1 6 19	58	0 51	17 1 1	18 22	10 0	27 22	22 0	55 0	54 15	50 22	14 22	14 9	11 16	50 6	38 6	
S 3	6 58 25	2 3 8	0n 0	0 37	12 43	5 50	12 32	1 6 19	59	0 51	17 2 1	18 22	10 0	27 22	22 0	55 0	53 15	50 22	14 22	14 9	14 16	51 6	38 6	
S 4	6 35 23	12 3 58	0 49	0 50	12 59	5 59	12 15	1 6 20	1 0	51 17	3 1	18 22	9 0	27 22	22 0	55 0	52 15	51 22	13 22	14 9	17 16	51 6	37 6	
M 5	6 12 19	57 4 35	1 37	1 4	13 13	6 8	11 58	1 6 20	2 0	51 17	4 1	18 22	9 0	27 22	22 0	55 0	52 15	51 22	12 22	13 9	20 16	52 6	37 6	
T 6	5 48 15	27 4 56	2 22	1 18	13 27	6 18	11 41	1 6 20	3 0	51 17	6 1	18 22	9 0	27 22	22 0	55 0	51 15	52 22	10 22	13 9	23 16	52 6	36 6	
W 7	5 25 9	57 4 59	3 6	1 31	13 40	6 26	11 24	1 6 20	4 0	51 17	7 1	18 22	8 0	27 22	23 0	55 0	51 15	52 22	9 22	12 9	26 16	53 6	36 6	
T 8	5 2 3 48	4 42 3 46	1 45	13 52	6 35	11 7	1 5 20	5 0	51 17	8 1	19 22	8 0	27 22	23 0	55 0	50 15	53 22	7 22	12 9	29 16	53 6	35 6		
F 9	4 38 2n36	4 5 4 24	1 58	14 3	6 44	10 50	1 5 20	6 0	51 17	9 1	19 22	8 0	27 22	23 0	55 0	49 15	53 22	6 22	11 9	31 16	54 6	35 6		
S 10	4 15 8 51	3 13 4 58	2 11	14 13	6 52	10 32	1 5 20	7 0	51 17	10 1	19 22	7 0	27 22	23 0	55 0	49 15	53 22	5 22	11 9	34 16	54 6	34 6		
S 11	3 51 14 32	2 7 5 29	2 23	14 21	7 0	10 15	1 5 20	8 0	51 17	11 1	19 22	7 0	27 22	23 0	54 0	48 15	54 22	4 22	11 9	37 16	55 6	33 6		
M12	3 28 19 18	0 55 5 57	2 35	14 29	7 8	9 57	1 5 20	8 0	51 17	12 1	19 22	7 0	27 22	23 0	54 0	48 15	54 22	4 22	10 9	40 16	55 6	33 6		
T 13	3 4 22 51	0n19 6 20	2 46	14 35	7 16	9 40	1 5 20	9 0	51 17	14 1	19 22	6 0	27 22	23 0	54 0	47 15	55 22	4 22	10 9	43 16	56 6	32 6		
W14	2 41 24 58	1 30 6 39	2 56	14 40	7 23	9 22	1 5 20	10 0	51 17	15 1	19 22	6 0	27 22	23 0	54 0	46 15	55 22	4 22	9 9	46 16	56 6	32 6		
T 15	2 17 25 34	2 35 6 55	3 5	14 44	7 30	9 4	1 5 20	11 0	51 17	16 1	19 22	6 0	27 22	23 0	54 0	46 15	55 22	4 22	9 9	49 16	57 6	31 6		
F 16	1 53 24 42	3 31 7 5	3 13	14 46	7 36	8 46	1 5 20	11 0	51 17	17 1	19 22	5 0	27 22	23 0	54 0	45 15	56 22	3 22	8 9	52 16	57 6	31 6		
S 17	1 30 22 30	4 14 7 11	3 19	14 47	7 42	8 28	1 5 20	12 0	51 17	17 1	19 22	5 0	27 22	23 0	54 0	45 15	56 22	2 22	8 9	55 16	58 6	30 6		
S 18	1 6 19 13	4 44 7 13	3 24	14 46	7 47	8 10	1 5 20	12 0	51 17	18 1	19 22	5 0	27 22	23 0	54 0	44 15	56 22	1 22	7 9	58 16	58 6	30 6		
M19	0 42 15 7	4 59 7 10	3 28	14 44	7 52	7 52	1 4 20	13 0	51 17	19 1	19 22	4 0	27 22	23 0	54 0	43 15	57 21	59 22	7 10	1 16	59 6	29 6		
T 20	0 19 10 25	5 0 7 3	3 30	14 41	7 57	7 34	1 4 20	13 0	51 17	20 1	19 22	4 0	27 22	23 0	54 0	43 15	57 21	58 22	7 10	3 16	59 6	29 6		
W21	0n 5 5 22	4 47 6 52	3 30	14 35	8 0	7 15	1 4 20	14 0	51 17	21 1	18 22	4 0	27 22	23 0	54 0	42 15	58 21	56 22	6 10	6 17	0 6	28 6		
T 22	0 29 0 11	4 21 6 37	3 28	14 29	8 3	6 57	1 4 20	14 0	51 17	22 1	18 22	4 0	27 22	23 0	54 0	41 15	58 21	54 22	6 10	9 17	0 6	28 6		
F 23	0 52 4s58	3 44 6 18	3 24	14 21	8 5	6 39	1 4 20	14 0	51 17	22 1	18 22	3 0	27 22	23 0	54 0	41 15	58 21	52 22	5 10	12 17	1 6	27 6		
S 24	1 16 9 55	2 57 5 56	3 19	14 11	8 6	6 20	1 4 20	14 0	51 17	23 1	18 22	3 0	27 22	23 0	54 0	40 15	59 21	51 22	5 10	15 17	1 6	27 6		
S 25	1 40 14 29	2 3 5 30	3 12	14 0	8 7	6 2	1 3 20	15 0	51 17	24 1	18 22	3 0	28 22	23 0	54 0	40 15	59 21	50 22	4 10	18 17	2 6	26 6		
M26	2 3 18 31	1 3 5 3	3 3	13 47	8 7	5 43	1 3 20	15 0	51 17	25 1	18 22	3 0	28 22	23 0	54 0	39 15	59 21	50 22	4 10	21 17	2 6	26 6		
T 27	2 27 21 49	0 0 4 33	2 53	13 33	8 5	5 25	1 3 20	15 0	51 17	25 1	18 22	2 0	28 22	23 0	54 0	38 15	59 21	50 22	3 10	24 17	3 6	26 6		
W28	2 50 24 13	1s 4 4 2	2 41	13 18	8 3	5 6	1 3 20	15 0	51 17	26 1	18 22	2 0	28 22	23 0	54 0	38 16	0 21	50 22	3 10	27 17	3 6	25 6		
T 29	3 13 25 32	2 6 3 31	2 28	13 1	8 0	4 47	1 3 20	15 0	51 17	26 1	18 22	2 0	28 22	23 0	54 0	37 16	0 21	50 22	2 10	29 17	4 6	25 6		

SWISS EPHEMERIS for the year 1742

APRIL 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	12 36 36	11°Y 4'22	11°48	0°R52	12°R26	22°K42	3Ω22	15°R28	22°Z40	7°E 5	13°R27	8°R53	10°II15	5°M35	29°II25
M 2	12 40 33	12° 3'26	25°37	0°Y14	11°Y49	23°28	3°22	15°Ω27	22°41	7° 6	13°M25	8°II47	10°12	5°42	29°27
T 3	12 44 30	13° 2'28	9°K55	29°K41	11°11	24°15	3°23	15°25	22°42	7° 6	13°24	8°40	10° 9	5°48	29°30
W 4	12 48 26	14° 1'29	24°37	29°12	10°34	25° 2	3°24	15°24	22°43	7° 7	13°22	8°31	10° 6	5°55	29°32
T 5	12 52 23	15° 0'27	9°Y39	28°48	9°57	25°49	3°25	15°22	22°45	7° 8	13°21	8°23	10° 3	6° 2	29°35
F 6	12 56 19	15°59'24	24°50	28°30	9°21	26°35	3°26	15°21	22°46	7° 8	13°20	8°16	9°59	6° 8	29°38
S 7	13 0 16	16°58'18	9°B59	28°17	8°46	27°22	3°28	15°20	22°47	7° 9	13°18	8°10	9°56	6°15	29°41
S 8	13 4 12	17°57'10	24°58	28°10	8°12	28° 9	3°29	15°19	22°48	7°10	13°17	8° 8	9°53	6°22	29°44
M 9	13 8 9	18°56'01	9°II38	28°D 7	7°40	28°55	3°31	15°18	22°49	7°10	13°15	8°D 7	9°50	6°28	29°47
T 10	13 12 5	19°54'49	23°57	28°10	7° 9	29°42	3°33	15°17	22°50	7°11	13°14	8° 8	9°47	6°35	29°50
W 11	13 16 2	20°53'34	7°E51	28°19	6°40	0°Y28	3°35	15°17	22°50	7°12	13°12	8° 9	9°43	6°42	29°53
T 12	13 19 59	21°52'18	21°22	28°32	6°13	1°15	3°37	15°16	22°51	7°13	13°11	8°R10	9°40	6°48	29°56
F 13	13 23 55	22°50'59	4Ω31	28°50	5°48	2° 1	3°40	15°16	22°52	7°13	13° 9	8° 9	9°37	6°55	29°59
S 14	13 27 52	23°49'38	17°21	29°12	5°26	2°48	3°42	15°15	22°53	7°14	13° 8	8° 6	9°34	7° 2	0°E 3
S 15	13 31 48	24°48'14	29°56	29°39	5° 5	3°34	3°45	15°15	22°53	7°15	13° 6	8° 2	9°31	7° 8	0° 6
M 16	13 35 45	25°46'49	12°M18	0°Y11	4°47	4°20	3°48	15°15	22°54	7°16	13° 4	7°56	9°28	7°15	0°10
T 17	13 39 41	26°45'21	24°30	0°46	4°31	5° 7	3°51	15°D15	22°55	7°17	13° 3	7°48	9°24	7°22	0°14
W 18	13 43 38	27°43'51	6°E33	1°26	4°18	5°53	3°55	15°15	22°55	7°18	13° 1	7°41	9°21	7°28	0°17
T 19	13 47 34	28°42'19	18°30	2° 9	4° 7	6°39	3°58	15°15	22°55	7°19	13° 0	7°34	9°18	7°35	0°21
F 20	13 51 31	29°40'45	0°M22	2°55	3°59	7°25	4° 2	15°15	22°56	7°20	12°58	7°28	9°15	7°42	0°25
S 21	13 55 28	0°B39'10	12°12	3°45	3°53	8°12	4° 6	15°16	22°56	7°21	12°56	7°23	9°12	7°48	0°29
S 22	13 59 24	1°37'32	24° 0	4°39	3°49	8°58	4°10	15°16	22°56	7°22	12°55	7°20	9° 8	7°55	0°33
M 23	14 3 21	2°35'53	5°A50	5°35	3°D48	9°44	4°14	15°17	22°57	7°23	12°53	7°D19	9° 5	8° 2	0°37
T 24	14 7 17	3°34'13	17°44	6°35	3°49	10°30	4°19	15°18	22°57	7°25	12°51	7°20	9° 2	8° 8	0°41
W 25	14 11 14	4°32'30	29°47	7°37	3°53	11°16	4°23	15°19	22°57	7°26	12°50	7°21	8°59	8°15	0°45
T 26	14 15 10	5°30'46	12°Z 1	8°42	3°59	12° 2	4°28	15°20	22°57	7°27	12°48	7°23	8°56	8°22	0°49
F 27	14 19 7	6°29'01	24°31	9°50	4° 7	12°48	4°33	15°21	22°R57	7°28	12°46	7°24	8°53	8°28	0°53
S 28	14 23 3	7°27'14	7°A21	11° 0	4°17	13°33	4°38	15°22	22°57	7°30	12°45	7°R25	8°49	8°35	0°58
S 29	14 27 0	8°25'25	20°35	12°13	4°29	14°19	4°43	15°23	22°57	7°31	12°43	7°24	8°46	8°42	1° 2
M 30	14 30 57	9°B23'35	4°K16	13°Y28	4°Y44	15°Y 5	4Ω48	15°Ω24	22°Z57	7°E32	12°M41	7°II23	8°II43	8°M48	1°E 7

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	4n23	21s38	4s33	1n57	1n44	12n 4	7n46	3s51	1s 2	20n15	0n50	17n28	1n18	22s 1	0s28	22n23	0s54	0s35	16n 1	21n49	22n 1	10s38	17n 5	6s23
M 2	4 46	17 40	4 58	1 27	1 28	11 43	7 40	3 32	1 2	20 15	0 50	17 28	1 18	22 1	0 28	22 23	0 54	0 35	16 1	21 48	22 1	10 41	17 6	6 23
T 3	5 9	12 35	5 6	0 59	1 12	11 21	7 32	3 14	1 2	20 14	0 50	17 29	1 18	22 1	0 28	22 23	0 54	0 34	16 1	21 47	22 0	10 44	17 6	6 22
W 4	5 32	6 38	4 54	0 32	0 56	10 59	7 24	2 55	1 1	20 14	0 50	17 29	1 18	22 1	0 28	22 24	0 54	0 33	16 2	21 45	22 0	10 47	17 7	6 22
T 5	5 55	0 11	4 22	0 8	0 40	10 36	7 15	2 36	1 1	20 14	0 50	17 30	1 18	22 1	0 28	22 24	0 53	0 33	16 2	21 44	21 59	10 50	17 7	6 21
F 6	6 18	6n21	3 31	0s14	0 24	10 13	7 5	2 17	1 1	20 14	0 50	17 30	1 18	22 0	0 28	22 24	0 53	0 32	16 2	21 43	21 59	10 53	17 8	6 21
S 7	6 41	12 32	2 25	0 33	0 8	9 50	6 55	1 58	1 1	20 13	0 50	17 30	1 18	22 0	0 28	22 24	0 53	0 32	16 2	21 42	21 58	10 55	17 8	6 20
S 8	7 3	17 54	1 10	0 50	0s 7	9 26	6 44	1 40	1 0	20 13	0 50	17 30	1 18	22 0	0 28	22 24	0 53	0 31	16 2	21 42	21 58	10 58	17 9	6 20
M 9	7 26	22 4	0n 8	1 5	0 21	9 3	6 33	1 21	1 0	20 12	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 30	16 3	21 42	21 57	11 1	17 9	6 19
T 10	7 48	24 44	1 24	1 16	0 36	8 40	6 21	1 2	1 0	20 12	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 30	16 3	21 42	21 57	11 4	17 9	6 19
W 11	8 10	25 48	2 33	1 26	0 49	8 17	6 8	0 43	0 59	20 11	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 29	16 3	21 42	21 56	11 7	17 10	6 19
T 12	8 32	25 16	3 32	1 32	1 2	7 54	5 55	0 24	0 59	20 11	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 29	16 3	21 42	21 56	11 10	17 10	6 18
F 13	8 54	23 20	4 18	1 36	1 14	7 32	5 42	0 6	0 59	20 10	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 28	16 3	21 42	21 55	11 13	17 11	6 18
S 14	9 16	20 14	4 49	1 38	1 26	7 11	5 28	0n13	0 58	20 9	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 27	16 3	21 41	21 55	11 15	17 11	6 17
S 15	9 37	16 17	5 6	1 37	1 37	6 50	5 15	0 32	0 58	20 9	0 50	17 31	1 18	21 59	0 28	22 24	0 53	0 27	16 4	21 41	21 55	11 18	17 12	6 17
M 16	9 59	11 42	5 8	1 34	1 47	6 30	5 1	0 51	0 58	20 8	0 50	17 31	1 18	21 59	0 28	22 23	0 53	0 26	16 4	21 40	21 54	11 21	17 12	6 16
T 17	10 20	6 43	4 56	1 28	1 56	6 11	4 47	1 9	0 58	20 7	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 26	16 4	21 39	21 54	11 24	17 12	6 16
W 18	10 41	1 33	4 31	1 21	2 5	5 53	4 33	1 28	0 57	20 6	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 25	16 4	21 37	21 53	11 27	17 13	6 16
T 19	11 2	3s39	3 54	1 11	2 13	5 36	4 19	1 47	0 57	20 5	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 25	16 4	21 36	21 53	11 30	17 13	6 15
F 20	11 23	8 41	3 8	0 59	2 21	5 20	4 5	2 5	0 56	20 4	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 24	16 4	21 35	21 52	11 33	17 14	6 15
S 21	11 43	13 25	2 13	0 45	2 27	5 5	3 51	2 24	0 56	20 3	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 24	16 4	21 34	21 52	11 35	17 14	6 14
S 22	12 3	17 38	1 12	0 30	2 33	4 50	3 37	2 42	0 56	20 2	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 23	16 4	21 34	21 51	11 38	17 14	6 14
M 23	12 24	21 11	0 8	0 12	2 38	4 37	3 24	3 1	0 55	20 1	0 49	17 30	1 17	21 59	0 28	22 23	0 53	0 23	16 4	21 34	21 51	11 41	17 15	6 14
T 24	12 43	23 51	0s57	0n 7	2 43	4 26	3 10	3 19	0 55	20 0	0 49	17 30	1 17	21 59	0 28	22 23	0 53	0 22	16 4	21 34	21 50	11 44	17 15	6 13
W 25	13 3	25 28	2 0	0 28	2 47	4 15	2 57	3 37	0 55	19 59	0 49	17 30	1 17	21 59	0 28	22 23	0 53	0 21	16 4	21 34	21 50	11 47	17 15	6 13
T 26	13 23	25 54	2 59	0 51	2 50	4 5	2 44	3 56	0 54	19 58	0 49	17 29	1 17	21 59	0 28	22 23	0 53	0 21	16 4	21 34	21 49	11 50	17 16	6 12
F 27	13 42	25 1	3 50	1 15	2 52	3 57	2 31	4 14	0 54	19 57	0 49	17 29	1 17	21 59	0 29	22 23	0 53	0 21	16 4	21 35	21 49	11 53	17 16	6 12
S 28	14 1	22 50	4 32	1 41	2 54	3 49	2 18	4 32	0 53	19 55	0 49	17 29	1 17	21 59	0 29	22 23	0 53	0 20	16 4	21 35	21 48	11 55	17 16	6 12
S 29	14 20	19 23	5 1	2 8	2 56	3 43	2 6	4 50	0 53	19 54	0 49	17 28	1 17	21 59	0 29	22 23	0 53	0 20	16 4	21 35	21 48	11 58	17 17	6 11
M 30	14n39	14s49	5s13	2n37	2s56	3n37	1n54																	

SWISS EPHEMERIS for the year 1742

MAY 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	14 34 53	10821'44	188'25	147'45	57° 0	157'51	4.054	15.026	22°R57	7.034	12°R40	7°R20	8II40	8M.55	1.011
W 2	14 38 50	11°19'51	27'59	16° 5	5°19	16°37	4°59	15°27	22°S57	7°35	12M.38	7II16	8°37	9° 2	1°16
T 3	14 42 46	12°17'57	17°55	17°59	5°39	17°22	5° 5	15°29	22°56	7°36	12°36	7°13	8°34	9° 8	1°20
F 4	14 46 43	13°16'01	38' 4	18°51	6° 1	18° 8	5°11	15°31	22°56	7°38	12°35	7°10	8°30	9°15	1°25
S 5	14 50 39	14°14'03	18°18	20°18	6°25	18°53	5°17	15°33	22°56	7°39	12°33	7° 8	8°27	9°22	1°30
S 6	14 54 36	15°12'04	3II25	21°46	6°50	19°39	5°23	15°35	22°55	7°41	12°31	7°D 7	8°24	9°28	1°34
M 7	14 58 32	16°10'04	18°18	23°17	7°17	20°24	5°30	15°37	22°55	7°42	12°30	7° 7	8°21	9°35	1°39
T 8	15 2 29	17° 8'02	2.050	24°50	7°46	21°10	5°36	15°39	22°54	7°44	12°28	7° 8	8°18	9°42	1°44
W 9	15 6 26	18° 5'58	16°56	26°24	8°16	21°55	5°43	15°41	22°54	7°45	12°26	7°10	8°14	9°48	1°49
T 10	15 10 22	19° 3'52	0.036	28° 1	8°47	22°41	5°50	15°44	22°53	7°47	12°25	7°11	8°11	9°55	1°54
F 11	15 14 19	20° 1'44	13°51	29°40	9°20	23°26	5°57	15°46	22°53	7°49	12°23	7°11	8° 8	10° 2	1°59
S 12	15 18 15	20°59'34	26°42	1.021	9°54	24°11	6° 4	15°49	22°52	7°50	12°21	7°R11	8° 5	10° 8	2° 4
S 13	15 22 12	21°57'23	9.115	3° 4	10°29	24°56	6°11	15°51	22°51	7°52	12°20	7°11	8° 2	10°15	2° 9
M14	15 26 8	22°55'10	21°31	4°50	11° 6	25°41	6°18	15°54	22°50	7°53	12°18	7° 9	7°59	10°22	2°14
T 15	15 30 5	23°52'55	3.036	6°37	11°44	26°26	6°26	15°57	22°50	7°55	12°16	7° 8	7°55	10°28	2°20
W16	15 34 1	24°50'39	15°32	8°26	12°23	27°11	6°33	16° 0	22°49	7°57	12°15	7° 6	7°52	10°35	2°25
T 17	15 37 58	25°48'21	27°23	10°17	13° 3	27°56	6°41	16° 3	22°48	7°59	12°13	7° 4	7°49	10°42	2°30
F 18	15 41 55	26°46'02	9.112	12°11	13°44	28°41	6°49	16° 6	22°47	8° 0	12°11	7° 3	7°46	10°48	2°36
S 19	15 45 51	27°43'41	21° 1	14° 6	14°26	29°26	6°57	16° 9	22°46	8° 2	12°10	7° 2	7°43	10°55	2°41
S 20	15 49 48	28°41'19	2.052	16° 4	15° 9	0.011	7° 5	16°13	22°45	8° 4	12° 8	7°D 1	7°40	11° 2	2°46
M21	15 53 44	29°38'56	14°48	18° 3	15°53	0°56	7°13	16°16	22°44	8° 6	12° 7	7° 2	7°36	11° 8	2°52
T 22	15 57 41	0.133'32	26°51	20° 5	16°38	1°41	7°22	16°20	22°43	8° 8	12° 5	7° 2	7°33	11°15	2°57
W23	16 1 37	1°34'07	9.033	22° 8	17°24	2°25	7°30	16°23	22°41	8° 9	12° 3	7° 2	7°30	11°22	3° 3
T 24	16 5 34	2°31'40	21°26	24°12	18°10	3°10	7°39	16°27	22°40	8°11	12° 2	7° 3	7°27	11°28	3° 9
F 25	16 9 30	3°29'13	4.000	26°19	18°58	3°54	7°47	16°31	22°39	8°13	12° 0	7° 3	7°24	11°35	3°14
S 26	16 13 27	4°26'45	16°59	28°27	19°46	4°39	7°56	16°35	22°38	8°15	11°59	7° 4	7°20	11°42	3°20
S 27	16 17 24	5°24'16	0.013	0.136	20°35	5°23	8° 5	16°39	22°36	8°17	11°57	7°R 4	7°17	11°48	3°26
M28	16 21 20	6°21'46	13°48	2°46	21°25	6° 8	8°14	16°43	22°35	8°19	11°56	7° 4	7°14	11°55	3°31
T 29	16 25 17	7°19'15	27°46	4°57	22°15	6°52	8°23	16°47	22°33	8°21	11°54	7°D 4	7°11	12° 2	3°37
W30	16 29 13	8°16'44	12.006	7° 9	23° 6	7°36	8°32	16°51	22°32	8°23	11°53	7° 4	7° 8	12° 8	3°43
T 31	16 33 10	9.114'12	26.045	9.121	23.058	8.021	8.041	16.055	22.030	8.025	11.051	7.114	7.115	12.015	3.049

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	14n57	9s19	5s 8	3n 7	2s56	3n33	1n42	5n27	0s52	19n51	0n49	17n27	1n17	21s59	0s29	22n23	0s52	0s19	16n 4	21n34	21n47	12s 4	17n17	6s11
W 2	15 15	3 8	4 43	3 38	2 56	3 30	1 30	5 45	0 52	19 50	0 49	17 27	1 17	21 59	0 29	22 23	0 52	0 18	16 4	21 33	21 46	12 7	17 18	6 10
T 3	15 33	3n22	3 58	4 10	2 55	3 27	1 19	6 2	0 51	19 48	0 49	17 26	1 17	22 0	0 29	22 23	0 52	0 18	16 4	21 33	21 46	12 10	17 18	6 10
F 4	15 51	9 47	2 57	4 44	2 53	3 26	1 8	6 20	0 51	19 47	0 48	17 26	1 17	22 0	0 29	22 23	0 52	0 17	16 4	21 32	21 45	12 12	17 18	6 10
S 5	16 8	15 40	1 42	5 18	2 51	3 26	0 57	6 38	0 50	19 45	0 48	17 25	1 17	22 0	0 29	22 23	0 52	0 17	16 4	21 32	21 45	12 15	17 19	6 9
S 6	16 25	20 32	0 20	5 54	2 48	3 26	0 47	6 56	0 50	19 44	0 48	17 24	1 16	22 0	0 29	22 23	0 52	0 16	16 4	21 32	21 44	12 18	17 19	6 9
M 7	16 42	23 59	1n 1	6 31	2 44	3 27	0 37	7 13	0 49	19 42	0 48	17 24	1 16	22 0	0 29	22 23	0 52	0 16	16 4	21 32	21 44	12 21	17 19	6 9
T 8	16 58	25 44	2 17	7 9	2 40	3 30	0 27	7 31	0 49	19 41	0 48	17 23	1 16	22 0	0 29	22 23	0 52	0 16	16 4	21 32	21 43	12 24	17 19	6 8
W 9	17 15	25 45	3 23	7 47	2 36	3 33	0 17	7 48	0 49	19 39	0 48	17 22	1 16	22 0	0 29	22 23	0 52	0 15	16 4	21 32	21 43	12 27	17 20	6 8
T 10	17 31	24 11	4 14	8 26	2 31	3 37	0 8	8 5	0 48	19 37	0 48	17 21	1 16	22 0	0 29	22 23	0 52	0 15	16 4	21 32	21 42	12 29	17 20	6 8
F 11	17 46	21 19	4 50	9 7	2 25	3 41	0s 1	8 23	0 48	19 35	0 48	17 21	1 16	22 0	0 29	22 23	0 52	0 15	16 4	21 33	21 42	12 32	17 20	6 8
S 12	18 2	17 30	5 11	9 47	2 19	3 47	0 10	8 40	0 47	19 34	0 48	17 20	1 16	22 1	0 29	22 22	0 52	0 14	16 4	21 33	21 41	12 35	17 20	6 7
S 13	18 17	12 59	5 16	10 29	2 12	3 53	0 18	8 57	0 47	19 32	0 48	17 19	1 16	22 1	0 29	22 22	0 52	0 14	16 3	21 32	21 41	12 38	17 20	6 7
M14	18 32	8 3	5 6	11 11	2 5	4 0	0 26	9 14	0 46	19 30	0 48	17 18	1 16	22 1	0 29	22 22	0 52	0 14	16 3	21 32	21 40	12 41	17 21	6 7
T 15	18 46	2 54	4 43	11 54	1 58	4 7	0 34	9 30	0 46	19 28	0 48	17 17	1 16	22 1	0 29	22 22	0 52	0 13	16 3	21 32	21 40	12 44	17 21	6 7
W16	19 0	2s19	4 8	12 36	1 50	4 15	0 42	9 47	0 45	19 26	0 48	17 16	1 16	22 1	0 29	22 22	0 52	0 13	16 3	21 32	21 39	12 46	17 21	6 6
T 17	19 14	7 24	3 22	13 20	1 41	4 24	0 49	10 4	0 45	19 24	0 48	17 15	1 16	22 1	0 29	22 22	0 52	0 13	16 3	21 31	21 39	12 49	17 21	6 6
F 18	19 28	12 14	2 28	14 3	1 32	4 34	0 56	10 20	0 44	19 22	0 48	17 14	1 16	22 2	0 29	22 22	0 52	0 12	16 3	21 31	21 38	12 52	17 21	6 6
S 19	19 41	16 38	1 28	14 46	1 23	4 44	1 3	10 37	0 44	19 20	0 48	17 13	1 16	22 2	0 29	22 22	0 52	0 12	16 2	21 31	21 38	12 55	17 21	6 6
S 20	19 54	20 23	0 23	15 30	1 13	4 54	1 10	10 53	0 43	19 18	0 48	17 12	1 16	22 2	0 29	22 22	0 52	0 12	16 2	21 31	21 37	12 58	17 21	6 5
M21	20 6	23 19	0s43	16 13	1 4	5 5	1 16	11 9	0 42	19 16	0 48	17 11	1 16	22 2	0 29	22 22	0 52	0 12	16 2	21 31	21 37	13 0	17 22	6 5
T 22	20 18	25 14	1 48	16 56	0 54	5 17	1 22	11 25	0 42	19 13	0 48	17 10	1 16	22 2	0 29	22 22	0 52	0 11	16 2	21 31	21 36	13 3	17 22	6 5
W23	20 30	25 58	2 49	17 38	0 43	5 29	1 28	11 41	0 41	19 11	0 48	17 9	1 16	22 3	0 29	22 22	0 52	0 11	16 2	21 31	21 36	13 6	17 22	6 5
T 24	20 42	25 25	3 42	18 19	0 33	5 42	1 34	11 57	0 41	19 9	0 47	17 8	1 16	22 3	0 29	22 22	0 52	0 11	16 1	21 31	21 35	13 9	17 22	6 4
F 25	20 53	23 35	4 27	19 0	0 22	5 55	1 39	12 12	0 40	19 7	0 47	17 7	1 15	22 3	0 29	22 21	0 52	0 11	16 1	21 31	21 35	13 12	17 22	6 4
S 26	21 4	20 30	4 58	19 40	0 11	6 8	1 44	12 28	0 40	19 4	0 47	17 5	1 15	22 3	0 29	22 21	0 52	0 10	16 1	21 31	21 34	13 14	17 22	6 4
S 27	21 14	16 20	5 15	20 18	0 1	6 22	1 49	12 43	0 39	19 2	0 47	17 4	1 15	22 4	0 29	22 21	0 52	0 10	16 1	21 31	21 33	13 17	17 22	6 4
M28	21 24	11 14	5 15	20 54	0n10	6 36	1 54	12 59	0 39	19 0	0 47	17 3	1 15	22 4	0 29	22 21	0 52	0 10	16 0	21 31	21 33	13 20	17 22	6 4
T 29	21 34	5 26	4 57	21 29	0 20	6 50	1 59	13 14	0 38	1														

SWISS EPHEMERIS for the year 1742

JUNE 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	16 37 6	10II11'39	11♁39	11II33	24Υ50	9♁ 5	8♁51	17♁ 0	22°R29	8♁27	11°R50	7II 4	7II 1	12II21	3♁54
S 2	16 41 3	11° 9'05	26°40	13°45	25°43	9°49	9° 0	17° 4	22♁27	8°29	11II49	7° 4	6°58	12°28	4° 0
S 3	16 44 59	12° 6'31	11II41	15°56	26°36	10°33	9°10	17° 9	22°26	8°31	11°47	7°R 4	6°55	12°35	4° 6
M 4	16 48 56	13° 3'56	26°32	18° 7	27°30	11°17	9°20	17°13	22°24	8°33	11°46	7° 4	6°52	12°41	4°12
T 5	16 52 53	14° 1'20	11♁ 7	20°17	28°24	12° 1	9°30	17°18	22°22	8°35	11°44	7° 4	6°49	12°48	4°18
W 6	16 56 49	14°58'43	25°20	22°25	29°19	12°45	9°39	17°23	22°21	8°37	11°43	7° 3	6°46	12°55	4°24
T 7	17 0 46	15°56'05	9♁ 7	24°32	0♁15	13°29	9°49	17°28	22°19	8°39	11°42	7° 2	6°42	13° 1	4°30
F 8	17 4 42	16°53'26	22°28	26°38	1°11	14°12	9°59	17°33	22°17	8°41	11°40	7° 1	6°39	13° 8	4°36
S 9	17 8 39	17°50'46	5II25	28°41	2° 7	14°56	10°10	17°38	22°15	8°43	11°39	7° 0	6°36	13°15	4°42
S 10	17 12 35	18°48'05	17°59	0♁43	3° 4	15°40	10°20	17°43	22°13	8°46	11°38	7°D 0	6°33	13°21	4°48
M11	17 16 32	19°45'23	0♁15	2°43	4° 1	16°23	10°30	17°48	22°11	8°48	11°37	7° 0	6°30	13°28	4°54
T 12	17 20 28	20°42'40	12°18	4°40	4°59	17° 7	10°41	17°53	22°10	8°50	11°36	7° 1	6°26	13°35	5° 0
W13	17 24 25	21°39'57	24°12	6°36	5°57	17°50	10°51	17°58	22° 8	8°52	11°34	7° 2	6°23	13°41	5° 7
T 14	17 28 22	22°37'12	6II 1	8°29	6°55	18°34	11° 2	18° 4	22° 6	8°54	11°33	7° 3	6°20	13°48	5°13
F 15	17 32 18	23°34'27	17°50	10°20	7°54	19°17	11°12	18° 9	22° 4	8°56	11°32	7° 5	6°17	13°55	5°19
S 16	17 36 15	24°31'41	29°41	12° 9	8°53	20° 0	11°23	18°15	22° 2	8°58	11°31	7° 5	6°14	14° 1	5°25
S 17	17 40 11	25°28'55	11♁38	13°55	9°52	20°43	11°34	18°20	22° 0	9° 1	11°30	7°R 5	6°11	14° 8	5°31
M18	17 44 8	26°26'08	23°43	15°39	10°52	21°27	11°45	18°26	21°57	9° 3	11°29	7° 5	6° 7	14°15	5°37
T 19	17 48 4	27°23'21	5♁59	17°21	11°52	22°10	11°56	18°32	21°55	9° 5	11°28	7° 3	6° 4	14°21	5°44
W20	17 52 1	28°20'34	18°26	19° 0	12°53	22°53	12° 7	18°37	21°53	9° 7	11°27	7° 0	6° 1	14°28	5°50
T 21	17 55 58	29°17'46	1♁ 6	20°37	13°54	23°36	12°18	18°43	21°51	9° 9	11°26	6°57	5°58	14°35	5°56
F 22	17 59 54	0♁14'58	13°59	22°12	14°55	24°18	12°29	18°49	21°49	9°12	11°25	6°54	5°55	14°41	6° 2
S 23	18 3 51	1°12'10	27° 7	23°44	15°56	25° 1	12°41	18°55	21°47	9°14	11°24	6°50	5°52	14°48	6° 9
S 24	18 7 47	2° 9'22	10♁29	25°14	16°58	25°44	12°52	19° 1	21°45	9°16	11°23	6°48	5°48	14°55	6°15
M25	18 11 44	3° 6'34	24° 7	26°41	18° 0	26°27	13° 3	19° 7	21°42	9°18	11°22	6°47	5°45	15° 1	6°21
T 26	18 15 40	4° 3'46	8Υ 0	28° 6	19° 2	27° 9	13°15	19°13	21°40	9°21	11°21	6°D46	5°42	15° 8	6°27
W27	18 19 37	5° 0'58	22° 8	29°29	20° 4	27°52	13°26	19°19	21°38	9°23	11°20	6°47	5°39	15°15	6°34
T 28	18 23 33	5°58'11	6♁29	0♁49	21° 7	28°35	13°38	19°26	21°36	9°25	11°20	6°49	5°36	15°21	6°40
F 29	18 27 30	6°55'23	21° 1	2° 7	22°10	29°17	13°49	19°32	21°33	9°27	11°19	6°50	5°32	15°28	6°46
S 30	18 31 27	7°52'36	5II41	3♁21	23♁13	29♁59	14♁ 1	19♁38	21♁31	9♁29	11II18	6°R51	5II29	15II35	6♁52

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
F 1	22n 1	13n11	2s17	23n 2	0n50	7n36	2s11	13n58	0s36	18n50	0n47	16n57	1n15	22s 5	0s30	22n21	0s52	0s10	15n59	21n31	21n31	13s31	17n22	6s 3
S 2	22 9	18 30	0 58	23 28	0 59	7 52	2 15	14 13	0 36	18 47	0 47	16 56	1 15	22 5	0 30	22 21	0 52	0 9	15 59	21 31	21 30	13 34	17 22	6 3
S 3	22 17	22 38	0n26	23 51	1 8	8 8	2 18	14 27	0 35	18 45	0 47	16 55	1 15	22 5	0 30	22 21	0 52	0 9	15 58	21 31	21 30	13 37	17 22	6 3
M 4	22 24	25 12	1 46	24 12	1 16	8 24	2 21	14 41	0 34	18 42	0 47	16 53	1 15	22 6	0 30	22 20	0 52	0 9	15 58	21 31	21 29	13 39	17 22	6 3
T 5	22 31	25 58	2 58	24 30	1 24	8 40	2 25	14 56	0 34	18 40	0 47	16 52	1 15	22 6	0 30	22 20	0 51	0 9	15 58	21 31	21 29	13 42	17 22	6 3
W 6	22 38	24 59	3 57	24 46	1 31	8 57	2 27	15 10	0 33	18 37	0 47	16 50	1 15	22 6	0 30	22 20	0 51	0 9	15 57	21 31	21 28	13 45	17 22	6 3
T 7	22 44	22 30	4 40	24 58	1 37	9 14	2 30	15 23	0 33	18 34	0 47	16 49	1 15	22 7	0 30	22 20	0 51	0 9	15 57	21 31	21 28	13 48	17 22	6 2
F 8	22 50	18 52	5 7	25 8	1 42	9 31	2 33	15 37	0 32	18 31	0 47	16 47	1 15	22 7	0 30	22 20	0 51	0 9	15 57	21 31	21 27	13 50	17 21	6 2
S 9	22 55	14 27	5 17	25 15	1 47	9 48	2 35	15 50	0 31	18 29	0 47	16 46	1 15	22 7	0 30	22 20	0 51	0 9	15 56	21 31	21 27	13 53	17 21	6 2
S 10	23 0	9 32	5 11	25 20	1 51	10 5	2 37	16 4	0 31	18 26	0 47	16 44	1 15	22 8	0 30	22 20	0 51	0 9	15 56	21 31	21 26	13 56	17 21	6 2
M11	23 5	4 21	4 51	25 21	1 55	10 22	2 39	16 17	0 30	18 23	0 47	16 42	1 15	22 8	0 30	22 20	0 51	0 9	15 56	21 31	21 25	13 59	17 21	6 2
T 12	23 9	0s54	4 19	25 20	1 57	10 40	2 41	16 30	0 29	18 20	0 47	16 41	1 15	22 8	0 30	22 20	0 51	0 9	15 55	21 31	21 25	14 2	17 21	6 2
W13	23 13	6 3	3 36	25 17	1 59	10 57	2 43	16 43	0 29	18 17	0 47	16 39	1 15	22 9	0 30	22 19	0 51	0 9	15 55	21 31	21 24	14 4	17 21	6 2
T 14	23 16	10 58	2 44	25 12	2 0	11 15	2 45	16 55	0 28	18 14	0 47	16 37	1 15	22 9	0 30	22 19	0 51	0 9	15 54	21 31	21 24	14 7	17 21	6 2
F 15	23 19	15 30	1 45	25 4	2 0	11 33	2 46	17 8	0 27	18 11	0 47	16 36	1 15	22 9	0 30	22 19	0 51	0 9	15 54	21 31	21 23	14 10	17 20	6 2
S 16	23 22	19 27	0 41	24 55	2 0	11 50	2 47	17 20	0 27	18 8	0 47	16 34	1 15	22 10	0 30	22 19	0 51	0 9	15 54	21 31	21 23	14 13	17 20	6 2
S 17	23 24	22 38	0s25	24 43	1 59	12 8	2 48	17 32	0 26	18 5	0 47	16 32	1 15	22 10	0 30	22 19	0 51	0 10	15 53	21 32	21 22	14 15	17 20	6 2
M18	23 26	24 50	1 31	24 30	1 57	12 25	2 49	17 44	0 26	18 2	0 47	16 30	1 15	22 10	0 30	22 19	0 51	0 10	15 53	21 31	21 22	14 18	17 20	6 2
T 19	23 27	25 53	2 33	24 14	1 55	12 43	2 50	17 56	0 25	17 59	0 47	16 29	1 15	22 11	0 30	22 19	0 51	0 10	15 52	21 31	21 21	14 21	17 20	6 2
W20	23 28	25 39	3 29	23 58	1 51	13 1	2 51	18 8	0 24	17 56	0 47	16 27	1 15	22 11	0 30	22 18	0 51	0 10	15 52	21 31	21 21	14 23	17 19	6 2
T 21	23 28	24 5	4 15	23 40	1 48	13 18	2 51	18 19	0 24	17 53	0 47	16 25	1 15	22 11	0 30	22 18	0 51	0 10	15 51	21 30	21 20	14 26	17 19	6 2
F 22	23 28	21 16	4 50	23 20	1 43	13 36	2 52	18 30	0 23	17 50	0 47	16 23	1 15	22 12	0 30	22 18	0 51	0 10	15 51	21 30	21 19	14 29	17 19	6 2
S 23	23 28	17 20	5 10	23 0	1 38	13 53	2 52	18 41	0 22	17 47	0 47	16 21	1 15	22 12	0 30	22 18	0 51	0 10	15 50	21 29	21 19	14 32	17 18	6 2
S 24	23 27	12 28	5 13	22 38	1 32	14 10	2 52	18 52	0 21	17 43	0 47	16 19	1 14	22 13	0 30	22 18	0 51	0 11	15					

SWISS EPHEMERIS for the year 1742

JULY 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	18 35 23	8 ^h 49'49"	20 ^h 11'21"	4 ^h 03'34"	24 ^h 17'17"	0 ^h 11'42"	14 ^h 01'13"	19 ^h 04'45"	21 ^h 02'29"	9 ^h 32'32"	11 ^h 01'17"	6 ^h 05'50"	5 ^h 11'26"	15 ^h 04'41"	6 ^h 59'59"
M 2	18 39 20	9 ^h 47'03"	4 ^h 55'57"	5 ^h 43'25"	25 ^h 21'12"	1 ^h 24'14"	14 ^h 25'19"	19 ^h 51'21"	21 ^h 02'26"	9 ^h 34'11"	11 ^h 01'17"	6 ^h 04'48"	5 ^h 23'52"	15 ^h 48'7"	7 ^h 05'11"
T 3	18 43 16	10 ^h 44'16"	19 ^h 22'57"	6 ^h 50'26"	26 ^h 24'2 ^h	2 ^h 06'14"	14 ^h 37'19"	57'19"	21 ^h 02'24"	9 ^h 36'11"	11 ^h 01'16"	6 ^h 04'48"	5 ^h 20'52"	15 ^h 54'7"	7 ^h 11'18"
W 4	18 47 13	11 ^h 41'29"	3 ^h 02'29"	7 ^h 54'27"	27 ^h 29'2 ^h	2 ^h 48'14"	14 ^h 49'20"	4'21"	21 ^h 02'22"	9 ^h 38'11"	11 ^h 01'15"	6 ^h 03'39"	5 ^h 17'51"	16 ^h 01'7"	7 ^h 18'24"
T 5	18 51 9	12 ^h 38'43"	17 ^h 16'17"	8 ^h 55'28"	28 ^h 33'3 ^h	3 ^h 31'15"	15 ^h 01'20"	11'21"	21 ^h 01'19"	9 ^h 41'11"	11 ^h 01'15"	6 ^h 03'34"	5 ^h 13'51"	16 ^h 08'7"	7 ^h 24'30"
F 6	18 55 6	13 ^h 35'56"	0 ^h 07'38"	9 ^h 52'29"	29 ^h 37'4 ^h	4 ^h 13'15"	15 ^h 13'20"	17'21"	21 ^h 01'17"	9 ^h 43'11"	11 ^h 01'14"	6 ^h 02'28"	5 ^h 10'51"	16 ^h 14'7"	7 ^h 30'36"
S 7	18 59 2	14 ^h 33'09"	13 ^h 37'10"	10 ^h 47'11"	30 ^h 42'5 ^h	4 ^h 54'15"	15 ^h 25'20"	24'21"	21 ^h 01'14"	9 ^h 45'11"	11 ^h 01'14"	6 ^h 02'35"	5 ^h 07'16"	16 ^h 21'7"	7 ^h 36'43"
S 8	19 2 59	15 ^h 30'22"	26 ^h 13'11"	11 ^h 38'1 ^h	1 ^h 47'2 ^h	5 ^h 36'15"	15 ^h 37'20"	31'21"	21 ^h 01'12"	9 ^h 47'11"	11 ^h 01'13"	6 ^h 02'05"	5 ^h 04'16"	16 ^h 28'7"	7 ^h 43'49"
M 9	19 6 56	16 ^h 27'35"	8 ^h 43'31"	12 ^h 26'2 ^h	2 ^h 52'6 ^h	6 ^h 18'15"	15 ^h 49'20"	37'21"	21 ^h 01'10"	9 ^h 49'11"	11 ^h 01'13"	6 ^h 01'8"	5 ^h 01'16"	16 ^h 34'7"	7 ^h 49'55"
T 10	19 10 52	17 ^h 24'48"	20 ^h 34'13"	13 ^h 11'3 ^h	3 ^h 57'7 ^h	7 ^h 00'16"	16 ^h 01'20"	44'21"	21 ^h 00'07"	9 ^h 52'11"	11 ^h 01'12"	6 ^h 01'18"	4 ^h 58'16"	16 ^h 41'7"	7 ^h 55'81"
W 11	19 14 49	18 ^h 22'01"	2 ^h 02'27"	13 ^h 51'5 ^h	5 ^h 03'7 ^h	7 ^h 42'16"	16 ^h 13'20"	51'21"	21 ^h 00'05"	9 ^h 54'11"	11 ^h 01'12"	6 ^h 01'19"	4 ^h 54'16"	16 ^h 48'8"	8 ^h 01'88"
T 12	19 18 45	19 ^h 19'14"	14 ^h 16'14"	14 ^h 28'6 ^h	6 ^h 08'8 ^h	8 ^h 23'16"	16 ^h 26'20"	58'21"	21 ^h 00'02"	9 ^h 56'11"	11 ^h 01'12"	6 ^h 02'04"	4 ^h 51'16"	16 ^h 54'8"	8 ^h 08'95"
F 13	19 22 42	20 ^h 16'28"	26 ^h 06'15"	15 ^h 01'7"	7 ^h 14'9"	9 ^h 05'16"	16 ^h 38'21"	5'21"	21 ^h 00'00"	9 ^h 58'11"	11 ^h 01'11"	6 ^h 02'24"	4 ^h 48'17"	17 ^h 01'8"	8 ^h 14'102"
S 14	19 26 38	21 ^h 13'41"	8 ^h 07'00"	15 ^h 30'8"	8 ^h 20'9"	9 ^h 46'16"	16 ^h 50'21"	12'20"	21 ^h 00'12"	10 ^h 01'11"	11 ^h 01'11"	6 ^h 02'22"	4 ^h 45'17"	17 ^h 08'8"	8 ^h 20'108"
S 15	19 30 35	22 ^h 10'55"	20 ^h 04'15"	15 ^h 55'9"	9 ^h 26'10"	10 ^h 27'17"	17 ^h 03'21"	19'21"	20 ^h 55'10"	10 ^h 03'11"	11 ^h 01'11"	6 ^h 02'14"	4 ^h 42'17"	17 ^h 14'8"	8 ^h 26'114"
M 16	19 34 31	23 ^h 08'10"	2 ^h 03'20"	16 ^h 15'10"	10 ^h 32'11"	11 ^h 09'17"	17 ^h 15'21"	26'20"	20 ^h 53'10"	10 ^h 05'11"	11 ^h 01'11"	6 ^h 01'8"	4 ^h 38'17"	17 ^h 21'8"	8 ^h 32'120"
T 17	19 38 28	24 ^h 05'24"	14 ^h 50'16"	16 ^h 30'11"	11 ^h 39'11"	11 ^h 50'17"	17 ^h 28'21"	33'20"	20 ^h 50'10"	10 ^h 07'11"	11 ^h 01'10"	6 ^h 01'34"	4 ^h 35'17"	17 ^h 28'9"	8 ^h 39'126"
W 18	19 42 25	25 ^h 02'39"	27 ^h 35'16"	16 ^h 41'12"	12 ^h 45'12"	12 ^h 31'17"	17 ^h 40'21"	40'20"	20 ^h 48'10"	10 ^h 09'11"	11 ^h 01'10"	6 ^h 00'6"	4 ^h 32'17"	17 ^h 34'9"	8 ^h 45'132"
T 19	19 46 21	25 ^h 59'55"	10 ^h 08'36"	16 ^h 47'13"	13 ^h 52'13"	13 ^h 12'17"	17 ^h 53'21"	47'20"	20 ^h 46'10"	10 ^h 11'11"	11 ^h 01'10"	5 ^h 58'4 ^h	4 ^h 29'17"	17 ^h 41'9"	8 ^h 51'138"
F 20	19 50 18	26 ^h 57'11"	23 ^h 52'16 ^h	16 ^h 04'14"	14 ^h 59'13"	13 ^h 53'18"	18 ^h 06'21"	54'20"	20 ^h 43'10"	10 ^h 14'11"	11 ^h 01'10"	5 ^h 50'4 ^h	4 ^h 26'17"	17 ^h 48'9"	8 ^h 57'144"
S 21	19 54 14	27 ^h 54'28"	7 ^h 07'21"	16 ^h 44'16"	16 ^h 06'14"	14 ^h 34'18"	18 ^h 18'22"	1'20"	20 ^h 41'10"	10 ^h 16'11"	11 ^h 01'10"	5 ^h 42'4 ^h	4 ^h 23'17"	17 ^h 54'9"	9 ^h 03'150"
S 22	19 58 11	28 ^h 51'46"	21 ^h 01'16"	16 ^h 35'17"	17 ^h 13'15"	15 ^h 15'18"	18 ^h 31'22"	9'20"	20 ^h 38'10"	10 ^h 18'11"	11 ^h 01'10"	5 ^h 35'4 ^h	4 ^h 19'18"	18 ^h 01'9"	9 ^h 09'156"
M 23	20 2 7	29 ^h 49'05"	4 ^h 07'16"	16 ^h 21'18"	18 ^h 21'15"	15 ^h 56'18"	18 ^h 44'22"	16'20"	20 ^h 36'10"	10 ^h 20'11"	11 ^h 01'10"	5 ^h 30'4 ^h	4 ^h 16'18"	18 ^h 08'9"	9 ^h 15'162"
T 24	20 6 4	0 ^h 04'46"	2 ^h 08'18"	16 ^h 02'19"	19 ^h 28'16"	16 ^h 37'18"	18 ^h 56'22"	23'20"	20 ^h 34'10"	10 ^h 22'11"	11 ^h 01'10"	5 ^h 28'4 ^h	4 ^h 13'18"	18 ^h 14'9"	9 ^h 21'168"
W 25	20 10 0	1 ^h 43'45"	2 ^h 08'53"	15 ^h 39'20"	20 ^h 36'17"	17 ^h 18'19"	19 ^h 09'22"	30'20"	20 ^h 31'10"	10 ^h 24'11"	11 ^h 01'10"	5 ^h 02'27"	4 ^h 10'18"	18 ^h 21'9"	9 ^h 27'174"
T 26	20 13 57	2 ^h 41'07"	17 ^h 02'15"	15 ^h 11'21"	21 ^h 43'17"	17 ^h 58'19"	19 ^h 22'22"	38'20"	20 ^h 29'10"	10 ^h 26'11"	11 ^h 01'10"	5 ^h 28'4 ^h	4 ^h 07'18"	18 ^h 27'9"	9 ^h 33'180"
F 27	20 17 54	3 ^h 38'30"	1 ^h 11'14"	14 ^h 38'22"	22 ^h 51'18"	18 ^h 39'19"	19 ^h 35'22"	45'20"	20 ^h 27'10"	10 ^h 28'11"	11 ^h 01'10"	5 ^h 02'28"	4 ^h 04'18"	18 ^h 34'9"	9 ^h 39'186"
S 28	20 21 50	4 ^h 35'54"	15 ^h 32'14"	14 ^h 02'23"	23 ^h 59'19"	19 ^h 19'20"	19 ^h 48'22"	52'20"	20 ^h 24'10"	10 ^h 31'11"	11 ^h 01'11"	5 ^h 28'4 ^h	4 ^h 00'18"	18 ^h 41'9"	9 ^h 45'192"
S 29	20 25 47	5 ^h 33'20"	29 ^h 48'13"	13 ^h 22'25"	25 ^h 08'20"	20 ^h 00'20"	20 ^h 01'23"	0'20"	20 ^h 22'10"	10 ^h 33'11"	11 ^h 01'11"	5 ^h 26'3 ^h	3 ^h 57'18"	18 ^h 47'9"	9 ^h 51'198"
M 30	20 29 43	6 ^h 30'46"	14 ^h 08'00"	12 ^h 40'26"	26 ^h 16'20"	20 ^h 40'20"	20 ^h 13'23"	7'20"	20 ^h 20'10"	10 ^h 35'11"	11 ^h 01'11"	5 ^h 21'3 ^h	3 ^h 54'18"	18 ^h 54'9"	9 ^h 57'204"
T 31	20 33 40	7 ^h 28'14"	28 ^h 04'11 ^h	11 ^h 05'27"	27 ^h 11'24"	21 ^h 11'20"	20 ^h 02'23"	15'23"	20 ^h 17'10"	10 ^h 37'11"	11 ^h 01'11"	5 ^h 14'3 ^h	3 ^h 51'19"	19 ^h 01'9"	10 ^h 03'210"

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	23n11	24n20	1n13	19n45	0n37	16n 8	2s49	20n 3	0s17	17n20	0n47	16n 6	1n14	22s15	0s30	22n17	0s51	0s12	15n47	21n29	21n14	14s53	17n16	6s 2
M 2	23 7 25	50 2 28	19 18	0 27	16 24	2 48	20 13	0 16	17 17	0 47	16 4	1 14	22 16	0 30	22 17	0 51	0 13	15 46	21 29	21 14	14 56	17 15	6 2	6 2
T 3	23 2 25	34 3 31	18 52	0 17	16 40	2 48	20 22	0 15	17 13	0 47	16 2	1 14	22 16	0 30	22 17	0 51	0 13	15 46	21 28	21 13	14 59	17 15	6 2	6 2
W 4	22 58 23	38 4 21	18 25	0 6	16 55	2 46	20 31	0 14	17 10	0 47	15 59	1 14	22 16	0 30	22 16	0 51	0 13	15 45	21 27	21 13	15 2	17 15	6 2	6 2
T 5	22 52 20	21 4 54	17 58	0s 5	17 11	2 45	20 40	0 14	17 6	0 47	15 57	1 14	22 17	0 30	22 16	0 51	0 14	15 44	21 26	21 12	15 4	17 14	6 2	6 2
F 6	22 47 16	5 5 9	17 32	0 17	17 26	2 44	20 48	0 13	17 3	0 47	15 55	1 14	22 17	0 30	22 16	0 51	0 14	15 44	21 25	21 12	15 7	17 14	6 3	6 3
S 7	22 41 11	12 5 9	17 5	0 29	17 41	2 43	20 57	0 12	16 59	0 47	15 53	1 14	22 17	0 30	22 16	0 51	0 14	15 43	21 24	21 11	15 10	17 13	6 3	6 3
S 8	22 34 5 59	4 53	16 39	0 42	17 55	2 41	21 5	0 11	16 55	0 47	15 51	1 14	22 18	0 30	22 16	0 51	0 15	15 43	21 24	21 10	15 12	17 13	6 3	6 3
M 9	22 27 0 39	4 24	16 14	0 54	18 9	2 40	21 13	0 11	16 52	0 47	15 49	1 14	22 18	0 30	22 16	0 51	0 15	15 42	21 24	21 10	15 15	17 12	6 3	6 3
T 10	22 20 48	36 3 43	15 49	1 7	18 23	2 38	21 21	0 10	16 48	0 47	15 47	1 14	22 19	0 30	22 16	0 51	0 15	15 42	21 23	21 9	15 18	17 12	6 3	6 3
W 11	22 13 9 37	2 54	15 24	1 21	18 37	2 36	21 28	0 9	16 44	0 47	15 44	1 14	22 19	0 30	22 15	0 51	0 16	15 41	21 24	21 9	15 20	17 11	6 3	6 3
T 12	22 5 14	17 1 57	15 1	1 34	18 50	2 34	21 36	0 9	16 41	0 47	15 42	1 14	22 19	0 30	22 15	0 51	0 16	15 41	21 24	21 8	15 23	17 11	6 3	6 3
F 13	21 56 18	24 0 55	14 38	1 48	19 3	2 32	21 43	0 8	16 37	0 47	15 40</													

SWISS EPHEMERIS for the year 1742

AUGUST 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	20 37 36	8♠25'42	11♠55	11°R 9	28♠33	22♠0	20♠39	23♠22	20°R15	10♠39	11♠12	5°R 4	3♠48	19♠7	10♠9	
T 2	20 41 33	9°23'11	25°29	10♠23	29°41	22°41	20°52	23°30	20♠13	10°41	11°12	4♠54	3°44	19°14	10°15	
F 3	20 45 29	10°20'42	8♠44	9°36	0♠50	23°21	21° 5	23°37	20°11	10°43	11°12	4°43	3°41	19°21	10°20	
S 4	20 49 26	11°18'13	21°38	8°51	1°59	24° 1	21°18	23°45	20° 8	10°45	11°13	4°34	3°38	19°27	10°26	
S 5	20 53 23	12°15'45	4♠12	8° 8	3° 8	24°40	21°31	23°52	20° 6	10°47	11°13	4°26	3°35	19°34	10°32	
M 6	20 57 19	13°13'17	16°29	7°27	4°17	25°20	21°44	24° 0	20° 4	10°49	11°14	4°20	3°32	19°41	10°38	
T 7	21 1 16	14°10'51	28°32	6°50	5°26	26° 0	21°57	24° 7	20° 2	10°51	11°14	4°17	3°29	19°47	10°43	
W 8	21 5 12	15° 8'26	10♠25	6°18	6°36	26°40	22°10	24°15	20° 0	10°53	11°15	4°D16	3°25	19°54	10°49	
T 9	21 9 9	16° 6'01	22°14	5°51	7°45	27°19	22°23	24°22	19°58	10°54	11°16	4°16	3°22	20° 1	10°54	
F 10	21 13 5	17° 3'38	4♠7	5°29	8°54	27°59	22°36	24°30	19°56	10°56	11°16	4°R16	3°19	20° 7	11° 0	
S 11	21 17 2	18° 1'15	16° 0	5°14	10° 4	28°38	22°49	24°38	19°54	10°58	11°17	4°16	3°16	20°14	11° 5	
S 12	21 20 58	18°58'54	28° 8	5° 5	11°14	29°17	23° 3	24°45	19°52	11° 0	11°17	4°14	3°13	20°21	11°11	
M13	21 24 55	19°56'34	10♠32	5°D 3	12°24	29°57	23°16	24°53	19°50	11° 2	11°18	4° 9	3°10	20°27	11°16	
T 14	21 28 52	20°54'15	23°14	5° 9	13°34	0♠36	23°29	25° 1	19°48	11° 4	11°19	4° 2	3° 6	20°34	11°22	
W15	21 32 48	21°51'57	6♠16	5°22	14°44	1°15	23°42	25° 8	19°46	11° 6	11°20	3°52	3° 3	20°40	11°27	
T 16	21 36 45	22°49'40	19°38	5°42	15°54	1°54	23°55	25°16	19°44	11° 7	11°21	3°41	3° 0	20°47	11°32	
F 17	21 40 41	23°47'24	3♠18	6°11	17° 4	2°33	24° 8	25°23	19°42	11° 9	11°21	3°29	2°57	20°54	11°38	
S 18	21 44 38	24°45'10	17°12	6°46	18°14	3°12	24°21	25°31	19°40	11°11	11°22	3°17	2°54	21° 0	11°43	
S 19	21 48 34	25°42'58	1°V17	7°29	19°25	3°51	24°34	25°39	19°38	11°13	11°23	3° 8	2°50	21° 7	11°48	
M20	21 52 31	26°40'47	15°28	8°19	20°35	4°29	24°47	25°46	19°37	11°14	11°24	3° 1	2°47	21°14	11°53	
T 21	21 56 27	27°38'38	29°41	9°16	21°46	5° 8	25° 0	25°54	19°35	11°16	11°25	2°56	2°44	21°20	11°58	
W22	22 0 24	28°36'30	13♠52	10°20	22°57	5°46	25°13	26° 2	19°33	11°18	11°26	2°54	2°41	21°27	12° 3	
T 23	22 4 21	29°34'25	28° 1	11°31	24° 7	6°25	25°27	26° 9	19°32	11°19	11°27	2°54	2°38	21°34	12° 8	
F 24	22 8 17	0♠32'21	12♠6	12°47	25°18	7° 3	25°40	26°17	19°30	11°21	11°28	2°54	2°35	21°40	12°13	
S 25	22 12 14	1°30'20	26° 5	14° 9	26°29	7°42	25°53	26°25	19°28	11°22	11°30	2°53	2°31	21°47	12°18	
S 26	22 16 10	2°28'20	10♠0	15°36	27°40	8°20	26° 6	26°32	19°27	11°24	11°31	2°50	2°28	21°54	12°23	
M27	22 20 7	3°26'22	23°47	17° 9	28°52	8°58	26°19	26°40	19°25	11°25	11°32	2°44	2°25	22° 0	12°27	
T 28	22 24 3	4°24'26	7♠26	18°45	0♠3	9°36	26°32	26°47	19°24	11°27	11°33	2°35	2°22	22° 7	12°32	
W29	22 28 0	5°22'32	20°53	20°26	1°14	10°14	26°45	26°55	19°22	11°28	11°34	2°24	2°19	22°14	12°37	
T 30	22 31 56	6°20'39	4♠8	22° 9	2°26	10°52	26°58	27° 3	19°21	11°30	11°36	2°11	2°15	22°20	12°41	
F 31	22 35 53	7♠18'48	17♠7	23♠56	3♠37	11♠30	27♠11	27♠10	19♠19	11♠31	11♠37	1♠58	2♠12	22♠27	12♠46	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	18n11	21n42	4n39	12n44	4s54	21n45	1s43	23n21	0n 7	15n23	0n47	14n56	1n15	22s27	0s30	22n12	0s51	0s27	15n29	21n11	20n56	16s16	16n58	6s 8
T 2	17 56	17 44	4 59	12 58	4 52	21 49	1 40	23 24	0 8	15 18	0 47	14 53	1 15	22 27	0 30	22 12	0 51	0 28	15 29	21 9	20 56	16 19	16 58	6 8
F 3	17 40	12 59	5 2	13 14	4 49	21 52	1 37	23 27	0 9	15 14	0 47	14 51	1 15	22 27	0 30	22 12	0 51	0 28	15 28	21 7	20 55	16 22	16 57	6 9
S 4	17 25	7 46	4 50	13 31	4 43	21 54	1 33	23 30	0 9	15 10	0 47	14 48	1 15	22 28	0 30	22 11	0 51	0 29	15 28	21 5	20 55	16 24	16 56	6 9
S 5	17 9	2 22	4 24	13 49	4 35	21 56	1 30	23 32	0 10	15 6	0 48	14 46	1 15	22 28	0 30	22 11	0 51	0 30	15 27	21 4	20 54	16 27	16 55	6 9
M 6	16 52	3s 1	3 46	14 8	4 26	21 57	1 27	23 35	0 11	15 2	0 48	14 43	1 15	22 28	0 30	22 11	0 51	0 30	15 26	21 3	20 53	16 29	16 55	6 9
T 7	16 36	8 11	2 58	14 28	4 16	21 58	1 24	23 37	0 12	14 58	0 48	14 41	1 15	22 29	0 30	22 11	0 51	0 31	15 26	21 2	20 53	16 32	16 54	6 10
W 8	16 19	13 1	2 3	14 48	4 3	21 58	1 20	23 39	0 13	14 54	0 48	14 38	1 15	22 29	0 30	22 11	0 51	0 32	15 25	21 2	20 52	16 35	16 53	6 10
T 9	16 2	17 20	1 4	15 7	3 50	21 58	1 17	23 40	0 14	14 49	0 48	14 36	1 15	22 29	0 30	22 11	0 51	0 33	15 25	21 2	20 52	16 37	16 52	6 11
F 10	15 45	20 58	0 1	15 27	3 35	21 57	1 14	23 42	0 14	14 45	0 48	14 33	1 15	22 30	0 30	22 10	0 51	0 33	15 24	21 2	20 51	16 40	16 51	6 11
S 11	15 27	23 46	1s 2	15 45	3 20	21 55	1 10	23 43	0 15	14 41	0 48	14 31	1 15	22 30	0 30	22 10	0 51	0 34	15 24	21 2	20 50	16 42	16 51	6 11
S 12	15 9	25 31	2 3	16 3	3 4	21 53	1 7	23 44	0 16	14 37	0 48	14 28	1 15	22 30	0 30	22 10	0 51	0 35	15 23	21 1	20 50	16 45	16 50	6 12
M13	14 51	26 2	3 0	16 20	2 47	21 50	1 4	23 45	0 17	14 32	0 48	14 26	1 16	22 30	0 30	22 10	0 51	0 35	15 22	21 0	20 49	16 48	16 49	6 12
T 14	14 33	25 14	3 49	16 35	2 30	21 47	1 0	23 46	0 18	14 28	0 48	14 23	1 16	22 31	0 30	22 10	0 51	0 36	15 22	20 59	20 49	16 50	16 48	6 12
W15	14 14	23 3	4 27	16 49	2 12	21 43	0 57	23 47	0 19	14 24	0 48	14 21	1 16	22 31	0 30	22 10	0 51	0 37	15 21	20 57	20 48	16 53	16 47	6 13
T 16	13 56	19 34	4 52	17 1	1 55	21 38	0 53	23 47	0 20	14 20	0 48	14 18	1 16	22 31	0 30	22 10	0 51	0 38	15 21	20 55	20 47	16 55	16 46	6 13
F 17	13 37	14 59	5 1	17 11	1 37	21 33	0 50	23 47	0 20	14 15	0 48	14 16	1 16	22 31	0 30	22 9	0 51	0 39	15 20	20 53	20 47	16 58	16 46	6 14
S 18	13 17	9 32	4 52	17 19	1 20	21 28	0 47	23 47	0 21	14 11	0 48	14 13	1 16	22 32	0 30	22 9	0 51	0 39	15 20	20 51	20 46	17 1	16 45	6 14
S 19	12 58	3 33	4 26	17 25	1 3	21 21	0 43	23 47	0 22	14 7	0 48	14 11	1 16	22 32	0 30	22 9	0 51	0 40	15 19	20 49	20 45	17 3	16 44	6 14
M20	12 38	2n40	3 43	17 28	0 46	21 14	0 40	23 47	0 23	14 2	0 48	14 8	1 16	22 32	0 30	22 9	0 51	0 41	15 19	20 47	20 45	17 6	16 43	6 15
T 21	12 19	8 47	2 46	17 28	0 30	21 7	0 36	23 46	0 24	13 58	0 48	14 6	1 16	22 32	0 30	22 9	0 51	0 42	15 18	20 47	20 44	17 8	16 42	6 15
W22	11 58	14 27	1 39	17 26	0 15	20 59	0 33	23 46	0 25	13 54	0 49	14 3	1 16	22 33	0 30	22 9	0 51	0 43	15 18	20 46	20 44	17 11	16 41	6 16
T 23	11 38	19 20	0 26	17 21	0 0	20 50	0 30	23 45	0 26	13 49	0 49	14 1	1 16	22 33	0 30	22 8	0 51	0 43	15 17	20 46	20 43	17 13	16 40	6 16
F 24	11 18	23 4	0n48	17 13	0n13	20 41	0 26	23 44	0 26	13 45	0 49	13 58	1 16	22 33	0 30	22 8	0 51	0 44	15 16	20 46	20 42	17 16	16 40	6 17
S 25	10 57	25 24	1 59	17 2	0 26	20 31	0 23	23 42	0 27	13 41	0 49	13 56	1 16	22 33	0 30	22 8	0 51	0 45	15 16	20 46	20 42	17 19	16 39	6 17
S 26	10 37	26 8	3 3	16 48	0 39	20 20	0 20	23 41	0 28	13 36	0 49	13 53	1 16	22 34	0 30	22 8	0 51	0 46	15 15	20 45	20 41	17 21	16 38	6 18
M27	10 16	25 13	3 54	16 31	0 50	20 9	0 16	23 39	0 29	13 32	0 49	13 51	1 17	22 34	0 30	22 8	0 51	0 47	15 15	20 44	20 40	17 24	16 37	6 18
T 28	9 54	22 49	4 32	16 10	1 0	19 57	0 13	23 37	0 30	13 27	0 49	13 48	1 17	22 34										

SWISS EPHEMERIS for the year 1742

SEPTEMBER 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	22 39 50	8♎16'59	29♎50	25♏45	4♏49	12♐ 7	27♏24	27♏18	19°R18	11♐33	11♎38	1°R46	2♐ 9	22♎33	12♐50
S 2	22 43 46	9°15'11	12♏16	27°36	6° 1	12°45	27°37	27°25	19♐17	11°34	11°40	1♐36	2° 6	22°40	12°55
M 3	22 47 43	10°13'25	24°28	29°28	7°12	13°22	27°50	27°33	19°16	11°35	11°41	1°29	2° 3	22°47	12°59
T 4	22 51 39	11°11'40	6♎28	1♎22	8°24	14° 0	28° 3	27°40	19°14	11°37	11°42	1°24	2° 0	22°53	13° 3
W 5	22 55 36	12° 9'57	18°19	3°16	9°36	14°37	28°16	27°48	19°13	11°38	11°44	1°22	1°56	23° 0	13° 8
T 6	22 59 32	13° 8'16	0♎ 7	5°11	10°48	15°14	28°28	27°55	19°12	11°39	11°45	1°D21	1°53	23° 7	13°12
F 7	23 3 29	14° 6'36	11°56	7° 6	12° 0	15°51	28°41	28° 3	19°11	11°41	11°47	1°R21	1°50	23°13	13°16
S 8	23 7 25	15° 4'58	23°52	9° 1	13°12	16°28	28°54	28°10	19°10	11°42	11°48	1°21	1°47	23°20	13°20
S 9	23 11 22	16° 3'21	6♐ 1	10°55	14°24	17° 5	29° 7	28°18	19° 9	11°43	11°50	1°19	1°44	23°27	13°24
M10	23 15 19	17° 1'46	18°26	12°50	15°37	17°42	29°20	28°25	19° 8	11°44	11°51	1°15	1°41	23°33	13°28
T 11	23 19 15	18° 0'13	1♎14	14°43	16°49	18°19	29°32	28°32	19° 7	11°45	11°53	1° 9	1°37	23°40	13°32
W12	23 23 12	18°58'41	14°25	16°36	18° 2	18°55	29°45	28°40	19° 6	11°46	11°55	1° 0	1°34	23°47	13°35
T 13	23 27 8	19°57'11	28° 1	18°29	19°14	19°32	29°58	28°47	19° 6	11°47	11°56	0°50	1°31	23°53	13°39
F 14	23 31 5	20°55'43	12♎ 0	20°20	20°27	20° 8	0♎11	28°54	19° 5	11°49	11°58	0°39	1°28	24° 0	13°43
S 15	23 35 1	21°54'16	26°18	22°11	21°39	20°45	0°23	29° 2	19° 4	11°50	12° 0	0°29	1°25	24° 7	13°46
S 16	23 38 58	22°52'52	10♎49	24° 1	22°52	21°21	0°36	29° 9	19° 4	11°51	12° 1	0°20	1°21	24°13	13°50
M17	23 42 54	23°51'29	25°25	25°49	24° 5	21°57	0°48	29°16	19° 3	11°51	12° 3	0°13	1°18	24°20	13°53
T 18	23 46 51	24°50'09	10♎ 1	27°37	25°18	22°33	1° 1	29°23	19° 2	11°52	12° 5	0° 9	1°15	24°26	13°56
W19	23 50 48	25°48'51	24°31	29°24	26°31	23° 9	1°13	29°30	19° 2	11°53	12° 7	0°D 8	1°12	24°33	14° 0
T 20	23 54 44	26°47'35	8♐51	1♏10	27°44	23°45	1°26	29°37	19° 1	11°54	12° 9	0° 8	1° 9	24°40	14° 3
F 21	23 58 41	27°46'22	22°58	2°55	28°57	24°20	1°38	29°44	19° 1	11°55	12°11	0°R 8	1° 6	24°46	14° 6
S 22	0 2 37	28°45'11	6♐53	4°39	0♎10	24°56	1°50	29°52	19° 1	11°56	12°12	0° 8	1° 2	24°53	14° 9
S 23	0 6 34	29°44'02	20°34	6°22	1°23	25°31	2° 3	29°59	19° 0	11°57	12°14	0° 6	0°59	25° 0	14°12
M24	0 10 30	0♏42'55	4♏ 4	8° 4	2°36	26° 7	2°15	0♎ 5	19° 0	11°57	12°16	0° 2	0°56	25° 6	14°15
T 25	0 14 27	1°41'51	17°21	9°45	3°50	26°42	2°27	0°12	19° 0	11°58	12°18	29♎55	0°53	25°13	14°18
W26	0 18 23	2°40'49	0♎25	11°26	5° 3	27°17	2°39	0°19	19° 0	11°59	12°20	29°46	0°50	25°20	14°20
T 27	0 22 20	3°39'49	13°18	13° 5	6°17	27°52	2°51	0°26	19° 0	11°59	12°22	29°36	0°47	25°26	14°23
F 28	0 26 17	4°38'51	25°58	14°44	7°30	28°27	3° 4	0°33	19° 0	12° 0	12°24	29°26	0°43	25°33	14°26
S 29	0 30 13	5°37'55	8♏25	16°21	8°44	29° 2	3°16	0°40	19°D 0	12° 0	12°26	29°16	0°40	25°40	14°28
S 30	0 34 10	6♏37'01	20♏40	17♏58	9♎57	29♐36	3♎28	0♎46	19♐ 0	12♐ 1	12♎28	29♎ 8	0♐37	25♎46	14♐31

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	8n29	4n 8	4n26	14n22	1n30	19n 5	0s 0	23n29	0n34	13n10	0n49	13n38	1n17	22s35	0s30	22n 7	0s51	0s51	15n12	20n33	20n37	17s36	16n32	6s21
S 2	8 7	1s21	3 49	13 49	1 36	18 51	0n 3	23 26	0 35	13 6	0 49	13 36	1 17	22 35	0 30	22 7	0 51	0 52	15 12	20 31	20 37	17 39	16 31	6 21
M 3	7 45	6 40	3 2	13 14	1 40	18 36	0 6	23 23	0 35	13 1	0 49	13 33	1 17	22 35	0 30	22 7	0 51	0 53	15 11	20 29	20 36	17 41	16 31	6 22
T 4	7 23	11 41	2 8	12 37	1 43	18 20	0 9	23 20	0 36	12 57	0 50	13 31	1 17	22 35	0 30	22 7	0 51	0 54	15 11	20 28	20 35	17 44	16 30	6 22
W 5	7 0	16 13	1 9	11 58	1 46	18 4	0 12	23 17	0 37	12 52	0 50	13 28	1 17	22 35	0 30	22 7	0 51	0 54	15 10	20 28	20 35	17 46	16 29	6 23
T 6	6 38	20 6	0 7	11 17	1 47	17 48	0 15	23 14	0 38	12 48	0 50	13 26	1 18	22 36	0 30	22 7	0 51	0 55	15 10	20 28	20 34	17 49	16 28	6 23
F 7	6 16	23 11	0s56	10 35	1 48	17 31	0 18	23 11	0 39	12 44	0 50	13 23	1 18	22 36	0 30	22 6	0 51	0 56	15 9	20 28	20 34	17 51	16 27	6 24
S 8	5 53	25 16	1 57	9 52	1 48	17 13	0 21	23 7	0 40	12 39	0 50	13 21	1 18	22 36	0 30	22 6	0 51	0 57	15 9	20 28	20 33	17 54	16 26	6 24
S 9	5 30	26 13	2 53	9 8	1 48	16 55	0 24	23 3	0 41	12 35	0 50	13 18	1 18	22 36	0 30	22 6	0 51	0 58	15 8	20 27	20 32	17 56	16 25	6 25
M10	5 8	25 53	3 43	8 23	1 46	16 37	0 27	23 0	0 42	12 30	0 50	13 16	1 18	22 36	0 30	22 6	0 51	0 59	15 8	20 26	20 32	17 59	16 24	6 25
T 11	4 45	24 11	4 23	7 38	1 44	16 18	0 30	22 56	0 43	12 26	0 50	13 13	1 18	22 36	0 30	22 6	0 51	1 0	15 7	20 25	20 31	18 1	16 23	6 26
W12	4 22	21 9	4 50	6 52	1 42	15 58	0 33	22 52	0 44	12 22	0 50	13 11	1 18	22 36	0 30	22 6	0 51	1 1	15 7	20 23	20 30	18 4	16 22	6 27
T 13	3 59	16 54	5 2	6 5	1 39	15 38	0 35	22 47	0 45	12 17	0 50	13 8	1 18	22 36	0 30	22 6	0 51	1 2	15 7	20 21	20 30	18 6	16 21	6 27
F 14	3 36	11 38	4 57	5 18	1 36	15 18	0 38	22 43	0 46	12 13	0 51	13 6	1 18	22 36	0 30	22 6	0 51	1 3	15 6	20 19	20 29	18 9	16 20	6 28
S 15	3 13	5 38	4 33	4 31	1 32	14 57	0 41	22 38	0 47	12 9	0 51	13 3	1 19	22 37	0 30	22 6	0 51	1 3	15 6	20 17	20 28	18 11	16 19	6 28
S 16	2 50	0n45	3 51	3 44	1 28	14 36	0 43	22 34	0 48	12 4	0 51	13 1	1 19	22 37	0 30	22 5	0 52	1 4	15 5	20 15	20 28	18 14	16 18	6 29
M17	2 27	7 9	2 54	2 56	1 23	14 14	0 46	22 29	0 49	12 0	0 51	12 59	1 19	22 37	0 30	22 5	0 52	1 5	15 5	20 14	20 27	18 16	16 17	6 29
T 18	2 3	13 11	1 45	2 9	1 18	13 52	0 48	22 24	0 50	11 55	0 51	12 56	1 19	22 37	0 30	22 5	0 52	1 6	15 4	20 13	20 26	18 19	16 17	6 30
W19	1 40	18 27	0 30	1 21	1 13	13 30	0 51	22 19	0 51	11 51	0 51	12 54	1 19	22 37	0 30	22 5	0 52	1 7	15 4	20 12	20 26	18 21	16 16	6 31
T 20	1 17	22 34	0n46	0 34	1 8	13 7	0 53	22 14	0 52	11 47	0 51	12 51	1 19	22 37	0 30	22 5	0 52	1 8	15 4	20 12	20 25	18 24	16 15	6 31
F 21	0 53	25 16	1 59	0s13	1 2	12 43	0 55	22 9	0 53	11 43	0 51	12 49	1 19	22 37	0 30	22 5	0 52	1 9	15 3	20 13	20 24	18 26	16 14	6 32
S 22	0 30	26 21	3 3	0 59	0 56	12 20	0 58	22 3	0 54	11 38	0 51	12 47	1 19	22 37	0 30	22 5	0 52	1 10	15 3	20 12	20 24	18 29	16 13	6 33
S 23	0 6	25 47	3 56	1 46	0 50	11 56	1 0	21 58	0 55	11 34	0 52	12 44	1 20	22 37	0 30	22 5	0 52	1 11	15 2	20 12	20 23	18 31	16 12	6 33
M24	0s17	23 43	4 35	2 32	0 44	11 31	1 2	21 52	0 56	11 30	0 52	12 42	1 20	22 37	0 30	22 5	0 52	1 12	15 2	20 11	20 23	18 34	16 11	6 34
T 25	0 41	20 23	4 58	3 18	0 37	11 7	1 4	21 46	0 57	11 25	0 52	12 40	1 20	22 37	0 30	22 5	0 52	1 13	15 2	20 10	20 22	18 36	16 10	6 34
W26	1 4	16 5	5 5	4 3	0 31	10 42	1 6	21 40	0 58	11 21	0 52	12 37	1 20	22 37	0 30	22 5	0 52	1 14	15 1	20 8	20 21	18 39	16 9	6 35
T 27	1 27	11 8	4 56	4 48	0 24	10 16	1 8	21 35	0 59	11 17	0 52	12 35	1 20	22 37	0 30	22 4	0 52	1 14	15 1	20 6	20 21	18 41	16 8	6 36
F 28	1 51	5 47	4 33	5 33	0 17	9 51	1 10	21 29	1 0	11 13	0 52	12 33	1 20	22 37	0 30	22 4	0 52	1 15	15 1	20 4	20 20	18 43	16 7	6 36
S 29	2 14	0 18	3 58	6 17	0 10	9 25	1 12	21 22	1 1	11 8	0 52	12 30	1 20	22 37	0 30	22 4	0 52	1 16						

SWISS EPHEMERIS for the year 1742

OCTOBER 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	0 38 6	7♂36°09	2♂44	19♂34	11♂11	0♂11	3♂39	0♂53	19♂0	12♂2	12♂30	29°R 3	0♂34	25♂53	14♂33	
T 2	0 42 3	8°35'20	14°38	21° 9	12°25	0°45	3°51	1° 0	19° 0	12° 2	12°32	28♂59	0°31	25°59	14°35	
W 3	0 45 59	9°34'32	26°27	22°44	13°39	1°20	4° 3	1° 6	19° 0	12° 2	12°35	28°D58	0°27	26° 6	14°37	
T 4	0 49 56	10°33'46	8♂13	24°17	14°52	1°54	4°15	1°13	19° 0	12° 3	12°37	28°58	0°24	26°13	14°39	
F 5	0 53 52	11°33'02	20° 1	25°50	16° 6	2°28	4°26	1°19	19° 1	12° 3	12°39	29° 0	0°21	26°19	14°41	
S 6	0 57 49	12°32'19	1♂55	27°22	17°20	3° 1	4°38	1°26	19° 1	12° 4	12°41	29° 1	0°18	26°26	14°43	
S 7	1 1 45	13°31'39	14° 2	28°54	18°34	3°35	4°50	1°32	19° 1	12° 4	12°43	29°R 1	0°15	26°33	14°45	
M 8	1 5 42	14°31'00	26°25	0♂24	19°48	4° 9	5° 1	1°38	19° 2	12° 4	12°45	29° 1	0°12	26°39	14°47	
T 9	1 9 39	15°30'23	9♂11	1°54	21° 2	4°42	5°12	1°45	19° 2	12° 4	12°47	28°58	0° 8	26°46	14°48	
W10	1 13 35	16°29'48	22°22	3°23	22°16	5°16	5°24	1°51	19° 3	12° 5	12°50	28°54	0° 5	26°53	14°50	
T 11	1 17 32	17°29'14	6♂0	4°52	23°31	5°49	5°35	1°57	19° 4	12° 5	12°52	28°48	0° 2	26°59	14°51	
F 12	1 21 28	18°28'42	20° 6	6°19	24°45	6°22	5°46	2° 3	19° 4	12° 5	12°54	28°41	29♂59	27° 6	14°53	
S 13	1 25 25	19°28'13	4♂9	7°46	25°59	6°55	5°57	2° 9	19° 5	12° 5	12°56	28°35	29°56	27°13	14°54	
S 14	1 29 21	20°27'45	19°24	9°12	27°13	7°27	6° 8	2°15	19° 6	12° 5	12°59	28°30	29°52	27°19	14°55	
M15	1 33 18	21°27'19	4♂22	10°38	28°28	8° 0	6°19	2°21	19° 6	12°R 5	13° 1	28°26	29°49	27°26	14°56	
T 16	1 37 14	22°26'55	19°22	12° 2	29°42	8°32	6°30	2°27	19° 7	12° 5	13° 3	28°24	29°46	27°33	14°57	
W17	1 41 11	23°26'33	4♂15	13°26	0♂57	9° 5	6°41	2°32	19° 8	12° 5	13° 6	28°D24	29°43	27°39	14°58	
T 18	1 45 8	24°26'14	18°54	14°48	2°11	9°37	6°52	2°38	19° 9	12° 5	13° 8	28°25	29°40	27°46	14°59	
F 19	1 49 4	25°25'57	3♂16	16°10	3°26	10° 9	7° 2	2°44	19°10	12° 5	13°10	28°27	29°37	27°52	15° 0	
S 20	1 53 1	26°25'43	17°18	17°31	4°40	10°40	7°13	2°49	19°11	12° 5	13°13	28°28	29°33	27°59	15° 0	
S 21	1 56 57	27°25'30	0♂59	18°51	5°55	11°12	7°23	2°55	19°12	12° 5	13°15	28°R28	29°30	28° 6	15° 1	
M22	2 0 54	28°25'20	14°21	20° 9	7° 9	11°43	7°34	3° 0	19°14	12° 4	13°17	28°27	29°27	28°12	15° 1	
T 23	2 4 50	29°25'12	27°25	21°27	8°24	12°15	7°44	3° 6	19°15	12° 4	13°20	28°25	29°24	28°19	15° 2	
W24	2 8 47	0♂25'06	10♂13	22°43	9°39	12°46	7°54	3°11	19°16	12° 4	13°22	28°21	29°21	28°26	15° 2	
T 25	2 12 43	1°25'03	22°48	23°57	10°54	13°17	8° 4	3°16	19°17	12° 4	13°24	28°16	29°18	28°32	15° 2	
F 26	2 16 40	2°25'01	5♂10	25°10	12° 8	13°47	8°14	3°21	19°19	12° 3	13°27	28°12	29°14	28°39	15°R 2	
S 27	2 20 37	3°25'01	17°21	26°21	13°23	14°18	8°24	3°26	19°20	12° 3	13°29	28° 8	29°11	28°46	15° 2	
S 28	2 24 33	4°25'04	29°24	27°31	14°38	14°48	8°34	3°31	19°22	12° 2	13°32	28° 4	29° 8	28°52	15° 2	
M29	2 28 30	5°25'08	11♂19	28°38	15°53	15°19	8°44	3°36	19°23	12° 2	13°34	28° 2	29° 5	28°59	15° 2	
T 30	2 32 26	6°25'14	23° 9	29°43	17° 8	15°49	8°53	3°41	19°25	12° 1	13°36	28°D 1	29° 2	29° 6	15° 1	
W31	2 36 23	7♂25'22	4♂56	0♂45	18♂23	16♂18	9♂3	3♂46	19♂26	12♂5	13♂39	28♂1	28♂58	29♂12	15♂5	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	3s 1	10s18	2n17	7s43	0s 4	8n32	1n15	21n10	1n 3	11n 0	0n53	12n26	1n21	22s37	0s30	22n 4
T 2	3 25 15	2 1 17	8 26	0 11	8 6	1 17	21 3	1 4	10 56	0 53	12 24	1 21	22 37	0 30	22 4	0 52
W 3	3 48 19	10 0 14	9 8	0 18	7 39	1 18	20 57	1 5	10 52	0 53	12 22	1 21	22 37	0 30	22 4	0 52
T 4	4 11 22	32 0s50	9 49	0 25	7 11	1 20	20 50	1 6	10 47	0 53	12 19	1 21	22 37	0 30	22 4	0 52
F 5	4 34 24	57 1 51	10 29	0 32	6 44	1 21	20 44	1 7	10 43	0 53	12 17	1 21	22 37	0 30	22 4	0 52
S 6	4 58 26	17 2 49	11 9	0 39	6 16	1 22	20 37	1 8	10 39	0 53	12 15	1 21	22 37	0 30	22 4	0 52
S 7	5 21 26	23 3 40	11 49	0 46	5 49	1 24	20 30	1 9	10 35	0 54	12 13	1 22	22 37	0 29	22 4	0 52
M 8	5 44 25	11 4 22	12 27	0 53	5 21	1 25	20 23	1 10	10 31	0 54	12 11	1 22	22 36	0 29	22 4	0 52
T 9	6 7 22	40 4 52	13 5	1 0	4 52	1 26	20 16	1 11	10 27	0 54	12 9	1 22	22 36	0 29	22 4	0 52
W10	6 30 18	56 5 8	13 43	1 7	4 24	1 27	20 9	1 12	10 23	0 54	12 7	1 22	22 36	0 29	22 4	0 52
T 11	6 52 14	5 5 8	14 19	1 14	3 56	1 28	20 2	1 14	10 19	0 54	12 5	1 22	22 36	0 29	22 4	0 52
F 12	7 15 8	21 4 49	14 55	1 20	3 27	1 29	19 55	1 15	10 15	0 54	12 3	1 22	22 36	0 29	22 4	0 52
S 13	7 38 2	1 4 11	15 29	1 27	2 58	1 30	19 48	1 16	10 11	0 54	12 1	1 23	22 36	0 29	22 4	0 52
S 14	8 0 4n34	3 16	16 3	1 33	2 29	1 30	19 40	1 17	10 7	0 55	11 59	1 23	22 36	0 29	22 4	0 52
M15	8 23 11	0 2 7	16 37	1 40	2 0	1 31	19 33	1 18	10 3	0 55	11 57	1 23	22 36	0 29	22 4	0 52
T 16	8 45 16	48 0 49	17 9	1 46	1 31	1 32	19 26	1 19	9 59	0 55	11 55	1 23	22 36	0 29	22 4	0 52
W17	9 7 21	33 0n32	17 40	1 52	1 2	1 32	19 18	1 20	9 55	0 55	11 53	1 23	22 35	0 29	22 4	0 52
T 18	9 29 24	50 1 50	18 11	1 58	0 33	1 33	19 11	1 22	9 52	0 55	11 51	1 24	22 35	0 29	22 4	0 52
F 19	9 51 26	25 2 59	18 40	2 4	0 4	1 33	19 3	1 23	9 48	0 55	11 49	1 24	22 35	0 29	22 4	0 52
S 20	10 13 26	15 3 56	19 9	2 9	0s26	1 33	18 56	1 24	9 44	0 56	11 47	1 24	22 35	0 29	22 4	0 52
S 21	10 34 24	29 4 38	19 36	2 14	0 55	1 34	18 48	1 25	9 40	0 56	11 45	1 24	22 35	0 29	22 4	0 52
M22	10 56 21	23 5 4	20 3	2 19	1 25	1 34	18 41	1 26	9 37	0 56	11 44	1 24	22 35	0 29	22 4	0 52
T 23	11 17 17	17 5 13	20 28	2 24	1 54	1 34	18 33	1 27	9 33	0 56	11 42	1 25	22 34	0 29	22 4	0 52
W24	11 38 12	28 5 7	20 52	2 28	2 23	1 34	18 25	1 29	9 29	0 56	11 40	1 25	22 34	0 29	22 4	0 52
T 25	11 59 7	14 4 45	21 15	2 33	2 53	1 34	18 18	1 30	9 26	0 57	11 38	1 25	22 34	0 29	22 4	0 52
F 26	12 20 1	47 4 11	21 37	2 36	3 22	1 34	18 10	1 31	9 22	0 57	11 37	1 25	22 34	0 29	22 4	0 52
S 27	12 40 3s40	3 25	21 57	2 40	3 51	1 33	18 2	1 32	9 19	0 57	11 35	1 25	22 34	0 29	22 4	0 52
S 28	13 1 8	55 2 31	22 16	2 43	4 21	1 33	17 54	1 34	9 15	0 57	11 34	1 25	22 33	0 29	22 4	0 52
M29	13 21 13	49 1 31	22 34	2 45	4 50	1 33	17 47	1 35	9 12	0 57	11 32	1 26	22 33	0 29	22 4	0 52
T 30	13 41 18	9 0 27	22 50	2 47	5 19	1 32	17 39	1 36	9 8	0 57	11 30	1 26	22 33	0 29	22 4	0 52
W31	14s 1	21s47	0s38	23s 5	2s48	1n32	17n31	1n37	9n 5	0n58	11n29	1n26	22s33	0s29	22n 4	0s52

Julian Day Number = 2357585.5, Delta T = 11.11 sec
 Ecliptic obliquity = 23°28'27", Nutation = - 0°00'15"
 Ayanamsha: Fagan/Bradley = 21°08'56", Lahiri = 20°15'56"Greg. Calendar

SWISS EPHEMERIS for the year 1742

NOVEMBER 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	2 40 19	8♍25°32	16♌42	1♃44	19♊38	16♏48	9♍12	3♎50	19♌28	12°R 0	13♍41	28♌2	28♌55	29♍19	15°R 0	
F 2	2 44 16	9°25'43	28°31	2°40	20°53	17°17	9°21	3°55	19°29	12°S 0	13°44	28°3	28°52	29°25	15°S 0	
S 3	2 48 12	10°25'57	10♌27	3°32	22°8	17°46	9°31	3°59	19°31	11°59	13°46	28°5	28°49	29°32	14°59	
S 4	2 52 9	11°26'11	22°33	4°20	23°23	18°15	9°40	4°4	19°33	11°59	13°49	28°6	28°46	29°39	14°58	
M 5	2 56 6	12°26'27	4♌54	5°4	24°38	18°44	9°49	4°8	19°35	11°58	13°51	28°7	28°43	29°45	14°58	
T 6	3 0 2	13°26'45	17°34	5°42	25°53	19°12	9°57	4°12	19°37	11°57	13°53	28°R 7	28°39	29°52	14°57	
W 7	3 3 59	14°27'04	0♌38	6°15	27°8	19°41	10°6	4°16	19°39	11°57	13°56	28°7	28°36	29°59	14°56	
T 8	3 7 55	15°27'24	14°8	6°41	28°23	20°9	10°15	4°20	19°41	11°56	13°58	28°6	28°33	0♌5	14°54	
F 9	3 11 52	16°27'46	28°7	7°0	29°38	20°36	10°23	4°24	19°43	11°55	14°1	28°4	28°30	0°12	14°53	
S 10	3 15 48	17°28'09	12♌32	7°11	0♍53	21°4	10°31	4°28	19°45	11°54	14°3	28°3	28°27	0°19	14°52	
S 11	3 19 45	18°28'33	27°21	7°R13	2°8	21°31	10°40	4°32	19°47	11°53	14°5	28°2	28°24	0°25	14°50	
M12	3 23 41	19°29'00	12♌26	7°7	3°24	21°58	10°48	4°36	19°49	11°52	14°8	28°1	28°20	0°32	14°49	
T13	3 27 38	20°29'27	27°40	6°50	4°39	22°25	10°56	4°39	19°51	11°52	14°10	28°D 1	28°17	0°39	14°47	
W14	3 31 35	21°29'57	12♌51	6°23	5°54	22°52	11°4	4°43	19°53	11°51	14°13	28°1	28°14	0°45	14°46	
T15	3 35 31	22°30'28	27°51	5°46	7°9	23°18	11°11	4°46	19°55	11°50	14°15	28°1	28°11	0°52	14°44	
F16	3 39 28	23°31'01	12♌32	4°58	8°25	23°44	11°19	4°50	19°58	11°49	14°18	28°2	28°8	0°58	14°42	
S17	3 43 24	24°31'35	26°50	4°1	9°40	24°10	11°26	4°53	20°0	11°48	14°20	28°2	28°4	1°5	14°40	
S18	3 47 21	25°32'12	10♌41	2°55	10°55	24°35	11°34	4°56	20°2	11°47	14°22	28°2	28°1	1°12	14°38	
M19	3 51 17	26°32'50	24°7	1°41	12°10	25°0	11°41	4°59	20°5	11°46	14°25	28°R 2	27°58	1°18	14°36	
T20	3 55 14	27°33'29	7♎9	0°23	13°26	25°25	11°48	5°2	20°7	11°45	14°27	28°D 2	27°55	1°25	14°34	
W21	3 59 10	28°34'11	19°50	29♍1	14°41	25°50	11°55	5°5	20°10	11°43	14°30	28°2	27°52	1°32	14°32	
T22	4 3 7	29°34'54	2♌14	27°39	15°56	26°14	12°1	5°7	20°12	11°42	14°32	28°2	27°49	1°38	14°29	
F23	4 7 4	0♌35'38	14°25	26°20	17°12	26°38	12°8	5°10	20°15	11°41	14°34	28°3	27°45	1°45	14°27	
S24	4 11 0	1°36'24	26°25	25°6	18°27	27°2	12°15	5°13	20°17	11°40	14°37	28°3	27°42	1°52	14°24	
S25	4 14 57	2°37'12	8♍18	23°59	19°43	27°25	12°21	5°15	20°20	11°39	14°39	28°3	27°39	1°58	14°22	
M26	4 18 53	3°38'00	20°7	23°2	20°58	27°48	12°27	5°17	20°23	11°37	14°41	28°4	27°36	2°5	14°19	
T27	4 22 50	4°38'51	1♌54	22°15	22°13	28°10	12°33	5°19	20°25	11°36	14°44	28°R 4	27°33	2°12	14°16	
W28	4 26 46	5°39'42	13°42	21°40	23°29	28°33	12°39	5°22	20°28	11°35	14°46	28°4	27°30	2°18	14°14	
T29	4 30 43	6°40'35	25°32	21°16	24°44	28°55	12°44	5°23	20°31	11°34	14°48	28°3	27°26	2°25	14°11	
F30	4 34 39	7°41'28	7♌26	21♍4	26♍0	29♏16	12♎50	5♎25	20♌34	11♌32	14♍50	28♌2	27♌23	2♌32	14♌8	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	14s20	24s30	1s42	23s18	2s49	6s17	1n31	17n24	1n39	9n 1	0n58	11n27	1n26	22s32	0s29	22n 4	0s52	1s44	14n53	19n45	19n57	20s 4	15n41	6s59
F 2	14 39	26 9	2 41	23 30	2 49	6 46	1 31	17 16	1 40	8 58	0 58	11 26	1 27	22 32	0 29	22 4	0 52	1 45	14 53	19 45	19 56	20 6	15 40	7 0
S 3	14 58	26 37	3 34	23 39	2 49	7 14	1 30	17 8	1 41	8 55	0 58	11 24	1 27	22 32	0 29	22 4	0 52	1 46	14 53	19 46	19 55	20 9	15 40	7 1
S 4	15 17	25 50	4 18	23 47	2 48	7 43	1 29	17 0	1 43	8 52	0 58	11 23	1 27	22 32	0 29	22 4	0 52	1 47	14 53	19 46	19 55	20 11	15 39	7 1
M 5	15 36	23 47	4 52	23 53	2 45	8 11	1 29	16 53	1 44	8 48	0 59	11 22	1 27	22 31	0 29	22 4	0 52	1 47	14 52	19 46	19 54	20 13	15 38	7 2
T 6	15 54	20 32	5 12	23 57	2 42	8 39	1 28	16 45	1 45	8 45	0 59	11 20	1 27	22 31	0 29	22 4	0 52	1 48	14 52	19 46	19 53	20 15	15 38	7 3
W 7	16 12	16 12	5 17	23 58	2 38	9 7	1 27	16 37	1 47	8 42	0 59	11 19	1 28	22 31	0 29	22 4	0 52	1 49	14 52	19 46	19 53	20 18	15 37	7 3
T 8	16 30	10 56	5 5	23 58	2 32	9 35	1 26	16 30	1 48	8 39	0 59	11 18	1 28	22 30	0 29	22 4	0 52	1 50	14 52	19 46	19 52	20 20	15 37	7 4
F 9	16 47	4 57	4 35	23 54	2 26	10 2	1 25	16 22	1 49	8 36	0 59	11 16	1 28	22 30	0 29	22 4	0 53	1 50	14 52	19 46	19 51	20 22	15 36	7 5
S 10	17 4	1n29	3 47	23 48	2 18	10 30	1 24	16 15	1 51	8 33	1 0	11 15	1 28	22 30	0 29	22 4	0 53	1 51	14 52	19 45	19 51	20 25	15 36	7 5
S 11	17 21	8 1	2 42	23 39	2 8	10 57	1 22	16 7	1 52	8 30	1 0	11 14	1 28	22 29	0 29	22 4	0 53	1 52	14 52	19 45	19 50	20 27	15 35	7 6
M12	17 38	14 14	1 25	23 28	1 57	11 24	1 21	16 0	1 54	8 27	1 0	11 13	1 29	22 29	0 29	22 4	0 53	1 52	14 52	19 45	19 49	20 29	15 35	7 7
T13	17 54	19 38	0 2	23 12	1 45	11 50	1 20	15 52	1 55	8 25	1 0	11 12	1 29	22 29	0 29	22 4	0 53	1 53	14 52	19 45	19 48	20 31	15 34	7 7
W14	18 10	23 43	1n22	22 54	1 31	12 16	1 18	15 45	1 56	8 22	1 1	11 11	1 29	22 28	0 29	22 4	0 53	1 54	14 52	19 45	19 48	20 34	15 34	7 8
T15	18 25	26 6	2 38	22 32	1 15	12 42	1 17	15 38	1 58	8 19	1 1	11 10	1 29	22 28	0 29	22 4	0 53	1 54	14 52	19 45	19 47	20 36	15 33	7 9
F16	18 41	26 35	3 43	22 7	0 58	13 8	1 16	15 30	1 59	8 16	1 1	11 9	1 30	22 28	0 29	22 4	0 53	1 55	14 52	19 45	19 46	20 38	15 33	7 9
S17	18 56	25 16	4 32	21 38	0 40	13 33	1 14	15 23	2 1	8 14	1 1	11 8	1 30	22 27	0 29	22 5	0 53	1 56	14 52	19 45	19 46	20 40	15 33	7 10
S18	19 10	22 27	5 4	21 6	0 20	13 59	1 12	15 16	2 2	8 11	1 2	11 7	1 30	22 27	0 29	22 5	0 53	1 56	14 52	19 45	19 45	20 43	15 32	7 10
M19	19 25	18 29	5 17	20 32	0n 0	14 23	1 11	15 9	2 4	8 9	1 2	11 6	1 30	22 27	0 29	22 5	0 53	1 57	14 52	19 45	19 44	20 45	15 32	7 11
T20	19 39	13 45	5 14	19 55	0 21	14 48	1 9	15 2	2 5	8 6	1 2	11 5	1 31	22 26	0 29	22 5	0 53	1 57	14 53	19 45	19 43	20 47	15 31	7 12
W21	19 52	8 33	4 55	19 18	0 41	15 11	1 7	14 55	2 7	8 4	1 2	11 4	1 31	22 26	0 29	22 5	0 53	1 58	14 53	19 45	19 43	20 49	15 31	7 12
T22	20 5 3	8 4	23	18 41	1 1	15 35	1 6	14 48	2 8	8 1	1 2	11 3	1 31	22 26	0 29	22 5	0 53	1 59	14 53	19 45	19 42	20 51	15 31	7 13
F23	20 18	2s19	3 40	18 4	1 20	15 58	1 4	14 41	2 10	7 59	1 3	11 3	1 31	22 25	0 29	22 5	0 53	1 59	14 53	19 45	19 41	20 54	15 30	7 13
S24	20 31	7 37	2 47	17 30	1 37	16 21	1 2	14 35	2 11	7 57	1 3	11 2	1 31	22 25	0 29	22 5	0 53	2 0	14 53	19 45	19 41	20 56	15 30	7 14
S25	20 43	12 36	1 48	16 59	1 52	16 43	1 0	14 28	2 13	7 55	1 3	11 1	1 32	22 24	0 29	22 5	0 53	2 0	14 53	19 45	19 40	20 58	15 30	7 14
M26	20 55	17 5	0 44	16 32	2 5	17 5	0 58	14 22	2 15	7 53	1 3	11 1	1 32	22 24	0 29	22 5	0 53	2 1	14 53	19 45	19 39	21 0	15 30	7 15
T27	21 6	20 55	0s21	16 10	2 16	17 27	0 56	14 15	2 16	7 50	1 4	11 0	1 32	22 23	0 29	22 5	0 53	2 1	14 53	19 45	19 38	21 2	15 29	7 16
W28	21 17	23 54	1 26	15 52	2 25	17 48	0 54	14 9	2 18	7 48	1 4	11 0	1 32	22 23	0 29	22 6	0 53	2 2	14 53	19 45	19 38	21 5	15 29	7 16
T29	21 27	25 51	2 27	15 40	2 32	18 8	0 52	14 3	2 20	7 46	1 4	10 59	1 33	22 23	0 29	22 6	0 53	2 2	14 53	19 45	19 37	21 7	15 29	7 17
F30	21s37																							

SWISS EPHEMERIS for the year 1742

DECEMBER 1742

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	4 38 36	8°42'23	19°28	21°D 2	27m.15	29°037	12m.55	5m.27	20°37	11°R31	14m.53	28°R 0	27°20	2°38	14°R 5	
S 2	4 42 33	9°43'18	1°39	21m.11	28°31	29°58	13° 1	5°29	20°39	11°28	14°55	27°58	27°17	2°45	14°2	
M 3	4 46 29	10°44'15	14° 3	21°29	29°46	0m.19	13° 6	5°30	20°42	11°28	14°57	27°57	27°14	2°51	13°59	
T 4	4 50 26	11°45'11	26°43	21°56	1°1	0°39	13°10	5°32	20°45	11°27	15° 0	27°56	27°10	2°58	13°55	
W 5	4 54 22	12°46'09	9°41	22°31	2°17	0°58	13°15	5°33	20°48	11°25	15° 2	27°55	27° 7	3° 5	13°52	
T 6	4 58 19	13°47'07	23° 2	23°12	3°32	1°17	13°20	5°34	20°51	11°24	15° 4	27°55	27° 4	3°11	13°49	
F 7	5 2 15	14°48'06	6°47	24° 0	4°48	1°36	13°24	5°35	20°54	11°22	15° 6	27°56	27° 1	3°18	13°45	
S 8	5 6 12	15°49'05	20°57	24°53	6° 3	1°54	13°28	5°36	20°57	11°21	15° 8	27°57	26°58	3°25	13°42	
S 9	5 10 8	16°50'05	5°30	25°51	7°19	2°12	13°32	5°37	21° 0	11°19	15°10	27°59	26°55	3°31	13°38	
M10	5 14 5	17°51'06	20°24	26°53	8°34	2°30	13°36	5°38	21° 3	11°18	15°13	27°59	26°51	3°38	13°35	
T 11	5 18 2	18°52'07	5°31	27°58	9°50	2°47	13°40	5°39	21° 7	11°16	15°15	27°59	26°48	3°45	13°31	
W12	5 21 58	19°53'09	20°44	29° 7	11° 5	3° 3	13°43	5°39	21°10	11°15	15°17	27°58	26°45	3°51	13°28	
T 13	5 25 55	20°54'12	5°52	0°18	12°21	3°19	13°47	5°40	21°13	11°13	15°19	27°56	26°42	3°58	13°24	
F 14	5 29 51	21°55'15	20°46	1°32	13°36	3°35	13°50	5°40	21°16	11°12	15°21	27°53	26°39	4° 5	13°20	
S 15	5 33 48	22°56'19	5°18	2°48	14°52	3°50	13°53	5°40	21°19	11°10	15°23	27°49	26°36	4°11	13°16	
S 16	5 37 44	23°57'24	19°23	4° 6	16° 7	4° 5	13°55	5°41	21°22	11° 8	15°25	27°46	26°32	4°18	13°12	
M17	5 41 41	24°58'30	2m.59	5°26	17°23	4°19	13°58	5°R41	21°26	11° 7	15°27	27°43	26°29	4°25	13° 9	
T 18	5 45 38	25°59'36	16° 7	6°47	18°38	4°32	14° 0	5°40	21°29	11° 5	15°29	27°41	26°26	4°31	13° 5	
W19	5 49 34	27° 0'43	2°51	8° 9	19°54	4°45	14° 3	5°40	21°32	11° 4	15°31	27°D41	26°23	4°38	13° 1	
T 20	5 53 31	28° 1'51	11°13	9°32	21° 9	4°58	14° 5	5°40	21°36	11° 2	15°33	27°41	26°20	4°44	12°57	
F 21	5 57 27	29° 2'59	23°19	10°56	22°25	5°10	14° 7	5°39	21°39	11° 0	15°35	27°43	26°16	4°51	12°53	
S 22	6 1 24	0°3'40	5m.14	12°22	23°40	5°21	14° 8	5°39	21°42	10°59	15°37	27°45	26°13	4°58	12°49	
S 23	6 5 20	1° 5'18	17° 3	13°47	24°56	5°32	14°10	5°38	21°46	10°57	15°39	27°46	26°10	5° 4	12°44	
M24	6 9 17	2° 6'28	28°49	15°14	26°11	5°42	14°11	5°37	21°49	10°55	15°40	27°R47	26° 7	5°11	12°40	
T 25	6 13 13	3° 7'38	10°36	16°41	27°27	5°51	14°12	5°37	21°52	10°54	15°42	27°46	26° 4	5°18	12°36	
W26	6 17 10	4° 8'49	22°27	18° 9	28°42	6° 0	14°13	5°36	21°56	10°52	15°44	27°43	26° 1	5°24	12°32	
T 27	6 21 7	5°10'00	4°24	19°37	29°58	6° 8	14°14	5°34	21°59	10°50	15°46	27°38	25°57	5°31	12°28	
F 28	6 25 3	6°11'12	16°29	21° 6	1°13	6°16	14°14	5°33	22° 3	10°49	15°48	27°32	25°54	5°38	12°24	
S 29	6 29 0	7°12'23	28°44	22°36	2°29	6°23	14°14	5°32	22° 6	10°47	15°49	27°25	25°51	5°44	12°19	
S 30	6 32 56	8°13'34	11° 8	24° 6	3°44	6°29	14°R14	5°30	22°10	10°45	15°51	27°17	25°48	5°51	12°15	
MB1	6 36 53	9°14'45	23°44	25°36	5° 0	6m.35	14m.14	5m.29	22°13	10°43	15m.53	27°R 9	25°45	5°58	12°11	

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	21s47	26s 9	4s 8	15s29	2n39	18s48	0n48	13n51	2n23	7n43	1n 5	10n58	1n33	22s22	0s29	22n 6	0s53	2s 3	14n54	19n45	19n36	21s11	15n28	7s18
S 2	21 56	24 26	4 44	15 30	2 41	19 7	0 46	13 45	2 25	7 41	1 5	10 58	1 33	22 21	0 29	22 6	0 53	2 4	14 54	19 44	19 35	21 13	15 28	7 18
M 3	22 5 21	32 5	8 15	35 2	4 19	25 0	4 44	13 40	2 26	7 39	1 5	10 57	1 34	22 21	0 29	22 6	0 53	2 4	14 54	19 44	19 34	21 15	15 28	7 19
T 4	22 14 17	35 5	17 15	43 2	3 39	19 43	0 42	13 34	2 28	7 38	1 5	10 57	1 34	22 20	0 29	22 6	0 53	2 5	14 54	19 44	19 33	21 18	15 28	7 19
W 5	22 22 12	44 5	10 15	54 2	3 37	20 0	0 39	13 29	2 30	7 36	1 6	10 57	1 34	22 20	0 29	22 6	0 53	2 5	14 54	19 43	19 33	21 20	15 28	7 19
T 6	22 29 7	10 4	4 47	16 8	2 33	20 17	0 37	13 23	2 32	7 35	1 6	10 57	1 34	22 19	0 29	22 6	0 53	2 5	14 55	19 44	19 32	21 22	15 28	7 20
F 7	22 36 1	5 4	7 16	24	2 29	20 33	0 35	13 18	2 33	7 33	1 6	10 56	1 35	22 19	0 29	22 7	0 53	2 6	14 55	19 44	19 31	21 24	15 28	7 20
S 8	22 43 5n14	3 11	16 41	2	2 24	20 49	0 32	13 13	2 35	7 32	1 7	10 56	1 35	22 19	0 29	22 7	0 53	2 6	14 55	19 44	19 30	21 26	15 28	7 21
S 9	22 49 11	28 2	1 17	1	2 18	21 4	0 30	13 9	2 37	7 31	1 7	10 56	1 35	22 18	0 29	22 7	0 53	2 7	14 55	19 44	19 30	21 28	15 27	7 21
M10	22 55 17	12 0	4 2	17 21	2 12	21 18	0 28	13 4	2 39	7 29	1 7	10 56	1 35	22 18	0 29	22 7	0 53	2 7	14 55	19 44	19 29	21 30	15 27	7 22
T 11	23 0 21	56 0n42	17 42	2	5 21	32 0	2 5	13 0	2 41	7 28	1 7	10 56	1 36	22 17	0 29	22 7	0 53	2 7	14 56	19 44	19 28	21 33	15 27	7 22
W12	23 5 25	11 2	2 18	4	1 58	21 45	0 23	12 55	2 42	7 27	1 8	10 56	1 36	22 17	0 29	22 7	0 53	2 8	14 56	19 44	19 28	21 35	15 27	7 22
T 13	23 10 26	34 3	14 18	26 1	1 51	21 58	0 21	12 51	2 44	7 26	1 8	10 56	1 36	22 16	0 29	22 7	0 53	2 8	14 56	19 44	19 27	21 37	15 27	7 23
F 14	23 14 26	0 4	1 11	18 48	1 44	22 10	0 18	12 47	2 46	7 25	1 8	10 56	1 36	22 16	0 29	22 7	0 53	2 8	14 56	19 43	19 26	21 39	15 27	7 23
S 15	23 17 23	40 4	5 11	19 10	1 36	22 21	0 16	12 43	2 48	7 24	1 8	10 57	1 37	22 15	0 29	22 8	0 53	2 9	14 57	19 42	19 25	21 41	15 27	7 23
S 16	23 20 19	57 5	11 19	33 1	2 29	22 32	0 14	12 40	2 50	7 23	1 9	10 57	1 37	22 15	0 29	22 8	0 53	2 9	14 57	19 41	19 25	21 43	15 27	7 24
M17	23 23 15	17 5	13 19	55 1	2 21	22 41	0 11	12 37	2 52	7 23	1 9	10 57	1 37	22 14	0 29	22 8	0 53	2 9	14 57	19 41	19 24	21 45	15 28	7 24
T 18	23 25 10	4 4	4 58	20 16	1 13	22 51	0 9	12 33	2 54	7 22	1 9	10 57	1 37	22 14	0 29	22 8	0 53	2 10	14 57	19 40	19 23	21 47	15 28	7 24
W19	23 26 4	35 4	29 20	37 1	5 22	59 0	6	12 30	2 56	7 21	1 9	10 58	1 38	22 13	0 29	22 8	0 53	2 10	14 58	19 40	19 22	21 49	15 28	7 25
T 20	23 28 0s57	3 48	20 58	0 57	23 7	0 4	12 28	2 58	7 21	1 10	10 58	1 38	22 13	0 29	22 8	0 53	2 10	14 58	19 40	19 22	21 51	15 28	7 25	
F 21	23 28 6	19 2	5 8	21 18	0 49	23 14	0 1	12 25	3 0	7 20	1 10	10 58	1 38	22 12	0 29	22 8	0 53	2 10	14 58	19 41	19 21	21 54	15 28	7 25
S 22	23 28 11	24 2	0 21	37 0	4 2	23 20	0s 1	12 23	3 2	7 20	1 10	10 59	1 38	22 11	0 29	22 9	0 53	2 11	14 59	19 41	19 20	21 56	15 28	7 25
S 23	23 28 16	1	0 58	21 56	0 34	23 26	0 3	12 21	3 4	7 20	1 11	10 59	1 39	22 11	0 29	22 9	0 53	2 11	14 59	19 42	19 19	21 58	15 28	7 26
M24	23 27 20	1	0s 6	22 13	0 26	23 31	0 6	12 19	3 6	7 19	1 11	11 0	1 39	22 10	0 29	22 9	0 53	2 11	14 59	19 42	19 19	22 0	15 28	7 26
T 25	23 26 23	13 1	10 22	30 0	18 23	35 0	8	12 17	3 8	7 19	1 11	11 0	1 39	22 10	0 29	22 9	0 53	2 11	14 59	19 41	19 18	22 2	15 28	7 26
W26	23 25 25	26 2	11 22	46 0	11 23	39 0	11	12 16	3 10	7 19	1 11	11 1	1 39	22 9	0 29	22 9	0 53	2 11	15 0	19 41	19 17	22 4	15 29	7 26
T 27	23 22 26	30 3	6 23	1	0 3	23 41	0 13	12 15	3 12	7 19	1 12	11 1	1 40	22 9	0 29	22 9	0 53	2 11	15 0	19 40	19 16	22 6	15 29	7 26
F 28	23 20 26	20 3	5 4	23 14	0s 4	23 43	0 15	12 14	3 14	7 19	1 12	11 2	1 40	22 8	0 29	22 9	0 53	2 12	15 0	19 38	19 16	22 8	15 29	7 26
S																								