

SWISS EPHEMERIS for the year 1697

JANUARY 1697 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	6 45 21	11 ³ 27'52	22 ⁹ 20	29 ⁷ 28	11 ⁸ 11	1 ⁸ 14	24 ² 32	27 ³ 25	24 ⁴ R43	26 ⁶ K12	5 ⁵ R59	16 ¹ M39	15 ¹ M20	24 ⁷ M38	9 ⁹ R50
W 2	6 49 18	12 ² 29'02	6 ⁸ 12	1 ⁸ 0	12 ² 26	2 ² 2	24 ³ 39	27 ² 32	24 ⁴ II41	26 ⁶ 13	5 ⁵ Ω58	16 ¹ 40	15 ¹ 17	24 ⁴ 44	9 ⁹ Ω47
T 3	6 53 14	13 ⁰ 31'11	19 ⁵ 55	2 ³ 3	13 ⁴ 40	2 ⁴ 9	24 ² 46	27 ³ 39	24 ³ 38	26 ⁶ 14	5 ⁵ 56	16 ¹ R41	15 ¹ 13	24 ⁵ 51	9 ⁹ 43
F 4	6 57 11	14 ⁰ 31'20	3 ¹ II29	4 ⁰ 6	14 ⁵ 54	3 ³ 36	24 ² 52	27 ⁴ 46	24 ³ 36	26 ⁶ 15	5 ⁵ 55	16 ¹ 39	15 ¹ 10	24 ⁵ 58	9 ⁹ 39
S 5	7 1 7	15 ⁰ 32'28	16 ⁵ 53	5 ³ 39	16 ⁶ 8	4 ² 24	24 ² 58	27 ⁵ 53	24 ³ 33	26 ⁶ 16	5 ⁵ 54	16 ¹ 35	15 ¹ 7	25 ⁵ 4	9 ⁹ 35
S 6	7 5 4	16 ⁰ 33'36	0 ⁶ 6	7 ¹ 13	17 ² 22	5 ¹ 11	25 ⁰ 4	28 ⁰ 0	24 ³ 31	26 ⁶ 17	5 ⁵ 53	16 ¹ 29	15 ¹ 4	25 ⁵ 11	9 ⁹ 31
M 7	7 9 0	17 ⁰ 34'44	13 ⁰ 8	8 ⁴ 47	18 ³ 36	5 ⁵ 58	25 ¹ 0	28 ⁰ 7	24 ² 29	26 ⁶ 18	5 ⁵ 51	16 ¹ 20	15 ¹ 1	25 ⁵ 18	9 ⁹ 27
T 8	7 12 57	18 ⁰ 35'51	25 ⁵ 7	10 ² 1	19 ⁵ 0	6 ⁴ 45	25 ¹ 16	28 ¹ 4	24 ² 26	26 ⁶ 19	5 ⁵ 50	16 ¹ 8	14 ⁵ 7	25 ⁵ 24	9 ⁹ 23
W 9	7 16 53	19 ⁰ 36'57	8 ² Ω33	11 ⁵ 56	21 ⁴ 4	7 ³ 33	25 ² 22	28 ² 21	24 ² 24	26 ⁶ 20	5 ⁵ 49	15 ¹ 56	14 ⁵ 4	25 ⁵ 31	9 ⁹ 19
T 10	7 20 50	20 ⁰ 38'04	20 ⁵ 55	13 ³ 32	22 ¹ 8	8 ² 20	25 ² 27	28 ² 28	24 ² 22	26 ⁶ 21	5 ⁵ 47	15 ¹ 44	14 ⁵ 1	25 ⁵ 38	9 ⁹ 15
F 11	7 24 47	21 ⁰ 39'10	3 ¹ II5	15 ⁵ 8	23 ³ 32	9 ⁰ 8	25 ³ 33	28 ³ 35	24 ² 20	26 ⁶ 22	5 ⁵ 46	15 ¹ 33	14 ⁵ 48	25 ⁵ 45	9 ⁹ 10
S 12	7 28 43	22 ⁰ 40'15	15 ⁵ 5	16 ⁴ 5	24 ⁴ 5	9 ⁵ 55	25 ³ 38	28 ⁴ 3	24 ¹ 17	26 ⁶ 23	5 ⁵ 45	15 ¹ 24	14 ⁵ 45	25 ⁵ 51	9 ⁹ 6
S 13	7 32 40	23 ⁰ 41'20	26 ⁵ 7	18 ² 22	25 ⁵ 9	10 ⁴ 42	25 ⁴ 3	28 ⁵ 0	24 ¹ 15	26 ⁶ 25	5 ⁵ 43	15 ¹ 18	14 ⁵ 42	25 ⁵ 58	9 ⁹ 2
M14	7 36 36	24 ⁰ 42'25	8 ² Ω46	19 ⁵ 9	27 ¹ 13	11 ³ 30	25 ⁴ 8	28 ⁵ 7	24 ¹ 13	26 ⁶ 26	5 ⁵ 42	15 ¹ 15	14 ⁵ 38	26 ⁶ 5	8 ² 58
T 15	7 40 33	25 ⁰ 43'30	20 ⁵ 37	21 ³ 38	28 ² 27	12 ¹ 27	25 ⁵ 3	29 ⁰ 4	24 ¹ 11	26 ⁶ 27	5 ⁵ 41	15 ¹ 13	14 ⁵ 35	26 ⁶ 11	8 ² 53
W16	7 44 29	26 ⁰ 44'34	2 ¹ II34	23 ¹ 16	29 ⁴ 0	13 ⁵ 5	25 ⁵ 7	29 ¹ 11	24 ⁰ 9	26 ⁶ 28	5 ⁵ 39	15 ¹ D13	14 ⁵ 32	26 ⁶ 18	8 ² 49
T 17	7 48 26	27 ⁰ 45'38	14 ⁴ 44	24 ⁵ 6	0 ¹ 54	13 ⁵ 2	26 ² 2	29 ¹ 8	24 ⁰ 7	26 ⁶ 30	5 ⁵ 38	15 ¹ R14	14 ⁵ 29	26 ⁶ 25	8 ² 44
F 18	7 52 22	28 ⁰ 46'41	20 ² 12	26 ³ 6	2 ⁷ 7	14 ³ 39	26 ² 6	29 ² 5	24 ⁰ 5	26 ⁶ 31	5 ⁵ 37	15 ¹ 13	14 ⁵ 26	26 ⁶ 31	8 ² 40
S 19	7 56 19	29 ⁰ 47'44	10 ⁷ 2	28 ⁰ 16	3 ² 1	15 ² 27	26 ¹ 0	29 ³ 2	24 ⁰ 3	26 ⁶ 33	5 ⁵ 35	15 ¹ 11	14 ⁵ 22	26 ⁶ 38	8 ² 35
S 20	8 0 16	0 ⁸ 48'46	23 ¹ 17	29 ⁵ 8	4 ³ 4	16 ¹ 14	26 ¹ 4	29 ⁴ 0	24 ⁰ 1	26 ⁶ 34	5 ⁵ 34	15 ¹ 5	14 ⁵ 19	26 ⁶ 45	8 ² 31
M21	8 4 12	1 ⁴ 49'47	7 ³ 0	1 ⁸ 39	5 ⁴ 8	17 ² 2	26 ¹ 7	29 ⁴ 7	23 ⁵ 9	26 ⁶ 36	5 ⁵ 32	14 ⁵ 8	14 ⁵ 16	26 ⁶ 51	8 ² 26
T 22	8 8 9	2 ⁵ 0'48	21 ⁰ 8	3 ² 22	7 ¹ 1	17 ⁴ 9	26 ² 1	29 ⁵ 4	23 ⁵ 7	26 ⁶ 37	5 ⁵ 31	14 ⁵ 7	14 ⁵ 13	26 ⁶ 58	8 ² 22
W23	8 12 5	3 ⁵ 1'48	5 ⁸ 38	5 ⁵ 5	8 ¹ 4	18 ³ 7	26 ² 4	0 ⁸ 1	23 ⁵ 6	26 ⁶ 39	5 ⁵ 30	14 ⁵ 35	14 ⁵ 10	27 ⁵ 5	8 ² 17
T 24	8 16 2	4 ⁵ 2'47	20 ² 1	6 ⁴ 9	9 ² 8	19 ² 4	26 ² 7	0 ⁸ 8	23 ⁵ 4	26 ⁶ 40	5 ⁵ 28	14 ⁵ 23	14 ⁵ 7	27 ⁵ 11	8 ² 12
F 25	8 19 58	5 ⁵ 3'45	5 ⁸ K11	8 ³ 33	10 ⁴ 1	20 ¹ 2	26 ³ 0	0 ¹ 15	23 ⁵ 2	26 ⁶ 42	5 ⁵ 27	14 ⁵ 12	14 ⁵ 3	27 ⁵ 18	8 ² 8
S 26	8 23 55	6 ⁵ 4'42	19 ⁵ 9	10 ¹ 8	11 ⁵ 4	20 ⁵ 9	26 ³ 3	0 ² 22	23 ⁵ 0	26 ⁶ 43	5 ⁵ 25	14 ⁵ 4	14 ⁵ 0	27 ⁵ 25	8 ² 3
S 27	8 27 51	7 ⁵ 5'37	4 ⁹ V36	12 ⁰ 3	13 ⁰ 7	21 ⁴ 7	26 ³ 6	0 ² 29	23 ⁴ 9	26 ⁶ 45	5 ⁵ 24	13 ⁵ 8	13 ⁵ 7	27 ⁵ 32	7 ⁵ 9
M28	8 31 48	8 ⁵ 6'31	18 ⁵ 9	13 ⁴ 9	14 ² 0	22 ³ 4	26 ³ 8	0 ³ 36	23 ⁴ 7	26 ⁶ 47	5 ⁵ 23	13 ⁵ 5	13 ⁵ 4	27 ⁵ 38	7 ⁵ 4
T 29	8 35 45	9 ⁵ 7'23	3 ⁸ 4	15 ³ 6	15 ³ 3	23 ² 1	26 ⁴ 0	0 ⁴ 44	23 ⁴ 5	26 ⁶ 48	5 ⁵ 21	13 ⁵ 4	13 ⁵ 1	27 ⁵ 45	7 ⁵ 4
W30	8 39 41	10 ⁵ 8'15	16 ⁵ 2	17 ² 3	16 ⁴ 6	24 ⁰ 9	26 ⁴ 3	0 ⁵ 1	23 ⁴ 4	26 ⁶ 50	5 ⁵ 20	13 ⁵ 4	13 ⁵ 8	27 ⁵ 52	7 ⁵ 4
T 31	8 43 38	11 ⁵ 9'04	0 ¹ II24	19 ⁸ 10	17 ⁸ 59	24 ⁸ 56	26 ⁴ 4	0 ⁸ 58	23 ⁴ 2	26 ⁶ 52	5 ⁵ 18	13 ⁵ M53	13 ⁵ M44	27 ⁵ M58	7 ⁵ Ω40

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22s59	10n40	2n 7	24s14	0s45	19s 7	1s45	21s 1	1s 8	8s20	1n17	21s 1	0s19	23n33	0n11	2s46	1s21	24n32	5n55	16s50	16s27	1s31	10n27	7s38
W 2	22 53	14 29	0 56	24 20	0 52	18 46	1 45	20 50	1 8	8 22	1 17	21 0	0 19	23 33	0 11	2 45	1 21	24 32	5 55	16 51	16 27	1 33	10 27	7 38
T 3	22 47	17 28	0s17	24 25	0 58	18 25	1 44	20 39	1 8	8 25	1 17	20 58	0 19	23 33	0 11	2 45	1 21	24 33	5 55	16 51	16 26	1 36	10 28	7 39
F 4	22 41	19 26	1 29	24 28	1 4	18 3	1 44	20 28	1 8	8 27	1 17	20 57	0 19	23 33	0 11	2 44	1 21	24 33	5 55	16 50	16 25	1 38	10 29	7 39
S 5	22 34	20 16	2 34	24 31	1 9	17 40	1 44	20 17	1 8	8 29	1 17	20 56	0 19	23 33	0 11	2 44	1 21	24 34	5 55	16 49	16 24	1 40	10 29	7 39
S 6	22 27	19 58	3 30	24 31	1 15	17 17	1 43	20 6	1 7	8 31	1 18	20 54	0 19	23 33	0 11	2 44	1 21	24 34	5 56	16 47	16 23	1 42	10 30	7 40
M 7	22 19	18 37	4 14	24 31	1 20	16 54	1 43	19 54	1 7	8 33	1 18	20 53	0 19	23 33	0 11	2 43	1 21	24 35	5 56	16 45	16 22	1 44	10 31	7 40
T 8	22 11	16 20	4 45	24 29	1 25	16 30	1 42	19 42	1 7	8 35	1 18	20 52	0 19	23 33	0 11	2 43	1 21	24 35	5 56	16 42	16 21	1 46	10 32	7 40
W 9	22 2 13	19 5	5 0	24 26	1 30	16 6	1 41	19 30	1 7	8 37	1 18	20 50	0 19	23 33	0 11	2 42	1 21	24 35	5 56	16 38	16 20	1 48	10 32	7 41
T 10	21 53	9 47	5 2	24 21	1 34	15 41	1 40	19 17	1 7	8 38	1 19	20 49	0 19	23 33	0 11	2 42	1 21	24 36	5 56	16 35	16 19	1 50	10 33	7 41
F 11	21 44	5 54	4 49	24 15	1 38	15 16	1 39	19 5	1 7	8 40	1 19	20 48	0 20	23 32	0 11	2 41	1 21	24 36	5 56	16 31	16 18	1 53	10 34	7 41
S 12	21 34	1 50	4 24	24 7	1 42	14 50	1 39	18 52	1 7	8 42	1 19	20 46	0 20	23 32	0 11	2 41	1 21	24 37	5 56	16 29	16 17	1 55	10 35	7 41
S 13	21 24	2s16	3 47	23 58	1 46	14 24	1 37	18 39	1 7	8 44	1 19	20 45	0 20	23 32	0 11	2 40	1 21	24 37	5 56	16 27	16 16	1 57	10 36	7 42
M14	21 13	6 15	3 1	23 47	1 49	13 58	1 36	18 26	1 7	8 45	1 19	20 43	0 20	23 32	0 11	2 40	1 21	24 38	5 57	16 26	16 15	1 59	10 37	7 42
T 15	21 2 10	1 2	7 23	35	1 53	13 31	1 35	18 12	1 6	8 47	1 20	20 42	0 20	23 32	0 11	2 39	1 21	24 38	5 57	16 26	16 14	2 1	10 38	7 42
W16	20 50	13 26	1 7	23 22	1 55	13 4	1 34	17 59	1 6	8 48	1 20	20 41	0 20	23 32	0 11	2 38	1 21	24 39	5 57	16 26	16 13	2 3	10 39	7 42
T 17	20 39	16 20	0 3	23 6	1 58	12 37	1 32	17 45	1 6	8 49	1 20	20 39	0 20	23 32	0 11	2 38	1 21	24 39	5 57	16 26	16 13	2 5	10 40	7 42
F 18	20 26	18 32	1n 3	22 50	2 0	12 9	1 31	17 31	1 6	8 51	1 20	20 38	0 20	23 32	0 11	2 37	1 21	24 40	5 57	16 25	16 12	2 7	10 41	

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00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	8 47 34	12 ⁵⁹ 59'53	13 ^{II} 40	20 ⁵⁸ 58	19 ^{XI} 11	25 ⁴⁴ 44	26 ⁴⁶ 46	1 ⁵ 5	23 ^R 41	26 ^X 53	5 ^R 17	13 ^R 51	13 ^{III} 41	28 ^m 5	7 ^R 35
S 2	8 51 31	14° 0'39	26°43	22°46	20°24	26°31	26°48	1°12	23 ^{II} 40	26°55	5 ^Ω 16	13 ^{III} 46	13°38	28°12	7 ^Ω 31
S 3	8 55 27	15° 1'25	9 ^Ω 35	24°34	21°36	27°19	26°49	1°19	23°38	26°57	5°14	13°38	13°35	28°18	7°26
M 4	8 59 24	16° 2'08	22°16	26°21	22°49	28° 6	26°50	1°26	23°37	26°59	5°13	13°27	13°32	28°25	7°22
T 5	9 3 20	17° 2'51	4 ^Ω 47	28° 9	24° 1	28°54	26°51	1°33	23°36	27° 1	5°12	13°14	13°28	28°32	7°17
W 6	9 7 17	18° 3'32	17° 9	29°56	25°14	29°41	26°52	1°40	23°35	27° 2	5°10	12°59	13°25	28°38	7°13
T 7	9 11 14	19° 4'11	29°20	1 ^X 42	26°26	0 ^X 28	26°52	1°47	23°33	27° 4	5° 9	12°45	13°22	28°45	7° 8
F 8	9 15 10	20° 4'49	11 ^m 23	3°27	27°38	1°16	26°53	1°53	23°32	27° 6	5° 8	12°32	13°19	28°52	7° 4
S 9	9 19 7	21° 5'26	23°19	5°10	28°50	2° 3	26°53	2° 0	23°31	27° 8	5° 6	12°21	13°16	28°58	6°59
S 10	9 23 3	22° 6'01	5 ^Ω 9	6°52	0 ^Y 2	2°50	26°R53	2° 7	23°30	27°10	5° 5	12°13	13°13	29° 5	6°55
M11	9 27 0	23° 6'35	16°57	8°31	1°14	3°38	26°53	2°14	23°29	27°12	5° 4	12° 8	13° 9	29°12	6°50
T 12	9 30 56	24° 7'08	28°47	10° 8	2°25	4°25	26°52	2°21	23°28	27°14	5° 2	12° 5	13° 6	29°18	6°46
W13	9 34 53	25° 7'40	10 ^{III} 42	11°41	3°37	5°12	26°52	2°28	23°27	27°16	5° 1	12°D 4	13° 3	29°25	6°42
T 14	9 38 49	26° 8'10	22°49	13°10	4°49	6° 0	26°51	2°34	23°27	27°18	5° 0	12°R 4	13° 0	29°32	6°38
F 15	9 42 46	27° 8'39	5 ^X 13	14°35	6° 0	6°47	26°50	2°41	23°26	27°20	4°58	12° 4	12°57	29°39	6°33
S 16	9 46 43	28° 9'07	17°59	15°54	7°11	7°34	26°49	2°48	23°25	27°22	4°57	12° 3	12°54	29°45	6°29
S 17	9 50 39	29° 9'33	1 ^Ω 11	17° 7	8°23	8°21	26°48	2°54	23°24	27°24	4°56	11°59	12°50	29°52	6°25
M18	9 54 36	0 ^X 9'58	14°53	18°14	9°34	9° 9	26°46	3° 1	23°24	27°26	4°55	11°52	12°47	29°59	6°21
T 19	9 58 32	1°10'22	29° 4	19°14	10°45	9°56	26°45	3° 8	23°23	27°28	4°53	11°43	12°44	0 ^Ω 5	6°17
W20	10 2 29	2°10'43	13 ^Ω 42	20° 6	11°56	10°43	26°43	3°14	23°23	27°30	4°52	11°33	12°41	0°12	6°13
T 21	10 6 25	3°11'04	28°40	20°49	13° 7	11°30	26°41	3°21	23°22	27°32	4°51	11°22	12°38	0°19	6° 9
F 22	10 10 22	4°11'22	13 ^X 49	21°24	14°17	12°17	26°38	3°27	23°22	27°34	4°50	11°12	12°34	0°25	6° 5
S 23	10 14 18	5°11'39	28°59	21°50	15°28	13° 4	26°36	3°34	23°22	27°37	4°49	11° 4	12°31	0°32	6° 2
S24	10 18 15	6°11'54	13 ^Y 59	22° 6	16°39	13°52	26°33	3°40	23°21	27°39	4°47	10°59	12°28	0°39	5°58
M25	10 22 12	7°12'06	2 ^Ω 41	22°R12	17°49	14°39	26°31	3°46	23°21	27°41	4°46	10°56	12°25	0°45	5°54
T 26	10 26 8	8°12'17	13 ^Ω 2	22°10	18°59	15°26	26°28	3°53	23°21	27°43	4°45	10°D56	12°22	0°52	5°51
W27	10 30 5	9°12'26	26°59	21°57	20° 9	16°13	26°24	3°59	23°21	27°45	4°44	10°56	12°19	0°59	5°47
T 28	10 34 1	10 ^X 12'32	10 ^{III} 33	21 ^X 36	21 ^Y 19	17 ^X 0	26 ^Ω 21	4 ^Ω 5	23 ^{II} 21	27 ^X 47	4 ^Ω 43	10°R57	12 ^{III} 15	1 ^Ω 5	5 ^Ω 44

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	16s56	19n59	2s30	16s10	1s44	5s14	1s 2	13s57	1s 3	9s 2	1n24	20s18	0s21	23n31	0n11
S 2	16 39 20	1 3 25	15 31	1 39	4 43	0 59	13 41	1 3	9 3	1 24	20 16	0 21	23 31	0 11	2 27
S 3	16 21 18	59 4	9 14 49	1 33	4 12	0 57	13 24	1 2	9 3	1 24	20 15	0 21	23 31	0 11	2 27
M 4	16 3 17	2 4 40	14 7	1 27	3 41	0 54	13 7	1 2	9 3	1 24	20 13	0 21	23 31	0 11	2 26
T 5	15 45 14	18 4 56	13 23	1 20	3 10	0 51	12 51	1 2	9 3	1 25	20 12	0 21	23 31	0 11	2 25
W 6	15 27 10	58 4 59	12 38	1 12	2 38	0 48	12 34	1 2	9 3	1 25	20 10	0 21	23 30	0 11	2 24
T 7	15 8 7	14 4 47	11 53	1 4	2 7	0 45	12 17	1 1	9 3	1 25	20 9	0 22	23 30	0 11	2 24
F 8	14 49 3	15 4 23	11 6	0 54	1 35	0 42	12 0	1 1	9 3	1 25	20 7	0 22	23 30	0 11	2 23
S 9	14 29 0	5s0	3 48	10 19	0 45	1 4	0 39	11 42	1 1	9 3	1 25	20 6	0 22	23 30	0 11
S 10	14 10 4	50 3 2	9 32	0 34	0 32	0 36	11 25	1 0	9 3	1 26	20 4	0 22	23 30	0 11	2 21
M11	13 50 8	39 2 9	8 44	0 23	0 1	0 33	11 7	1 0	9 2	1 26	20 3	0 22	23 30	0 11	2 21
T 12	13 30 12	9 1 10	7 57	0 11	0n31	0 29	10 50	1 0	9 2	1 26	20 1	0 22	23 30	0 11	2 20
W13	13 10 15	10 0 7	7 10	0n 2	1 2	0 26	10 32	0 59	9 2	1 26	20 0	0 22	23 30	0 11	2 19
T 14	12 50 17	35 0n57	6 23	0 15	1 34	0 23	10 14	0 59	9 1	1 27	19 59	0 22	23 30	0 11	2 18
F 15	12 29 19	14 2 0	5 38	0 29	2 6	0 19	9 57	0 59	9 1	1 27	19 57	0 22	23 30	0 11	2 17
S 16	12 8 19	58 2 58	4 54	0 43	2 37	0 16	9 39	0 58	9 0	1 27	19 56	0 22	23 30	0 11	2 16
S 17	11 47 19	39 3 50	4 12	0 58	3 8	0 12	9 21	0 58	8 59	1 27	19 54	0 22	23 30	0 11	2 16
M18	11 26 18	10 4 30	3 33	1 13	3 40	0 9	9 3	0 58	8 59	1 28	19 53	0 23	23 30	0 11	2 15
T 19	11 4 15	34 4 55	2 55	1 28	4 11	0 5	8 44	0 57	8 58	1 28	19 51	0 23	23 30	0 11	2 14
W20	10 43 11	55 5 2	2 21	1 43	4 42	0 1	8 26	0 57	8 57	1 28	19 50	0 23	23 30	0 11	2 13
T 21	10 21 7	26 4 49	1 50	1 58	5 13	0n 3	8 8	0 56	8 56	1 28	19 48	0 23	23 30	0 11	2 12
F 22	9 59 2	27 4 15	1 23	2 12	5 44	0 6	7 49	0 56	8 55	1 28	19 47	0 23	23 30	0 11	2 11
S 23	9 37 2n43	3 24	1 0	2 26	6 15	0 10	7 31	0 56	8 54	1 29	19 46	0 23	23 30	0 11	2 11
S24	9 15 7	39 2 18	0 42	2 40	6 46	0 14	7 12	0 55	8 53	1 29	19 44	0 23	23 30	0 11	2 10
M25	8 53 12	2 1 5	0 27	2 53	7 17	0 18	6 54	0 55	8 51	1 29	19 43	0 23	23 30	0 11	2 9
T 26	8 30 15	36 0s11	0 18	3 4	7 47	0 22	6 35	0 54	8 50	1 29	19 41	0 23	23 30	0 11	2 8
W27	8 8 18	8 1 25	0 13	3 14	8 17	0 26	6 17	0 54	8 49	1 29	19 40	0 23	23 30	0 11	2 7
T 28	7s45	19n34	2s31	0s13	3n23	8n47	0n30	5s58	0s54	8s48	1n30	19s39	0s23	23n30	0n11

Julian Day Number = 2340908.5, Delta T = 7.79 sec
 Ecliptic obliquity = 23°28'36, Nutation = 0°00'13
 Ayanamsha: Fagan/Bradley = 20°30'43, Lahiri = 19°37'43Greg. Calendar

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MARCH 1697 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	10 37 58	11♋12'36	23♏45	21°R 7	22♏29	17♋47	26°R18	4♋11	23°D21	27♋50	4°R42	10°R56	12♏12	1♏12	5°R40
S 2	10 41 54	12°12'39	6♋39	20♋30	23°39	18°34	26♏14	4°18	23♏21	27°52	4♏41	10♏53	12° 9	1°19	5♏37
S 3	10 45 51	13°12'39	19°19	19°46	24°48	19°21	26°10	4°24	23°21	27°54	4°40	10°48	12° 6	1°25	5°34
M 4	10 49 47	14°12'36	1♏45	18°57	25°58	20° 7	26° 6	4°30	23°21	27°56	4°39	10°40	12° 3	1°32	5°31
T 5	10 53 44	15°12'32	14° 1	18° 3	27° 7	20°54	26° 2	4°36	23°21	27°58	4°38	10°30	12° 0	1°39	5°28
W 6	10 57 41	16°12'26	26° 9	17° 7	28°16	21°41	25°57	4°42	23°21	28° 1	4°37	10°20	11°56	1°45	5°25
T 7	11 1 37	17°12'17	8♏10	16° 8	29°25	22°28	25°53	4°48	23°22	28° 3	4°36	10° 9	11°53	1°52	5°22
F 8	11 5 34	18°12'07	20° 6	15°10	0♃34	23°15	25°48	4°53	23°22	28° 5	4°35	10° 0	11°50	1°59	5°19
S 9	11 9 30	19°11'54	1♏57	14°12	1°42	24° 1	25°44	4°59	23°22	28° 7	4°34	9°52	11°47	2° 5	5°17
S 10	11 13 27	20°11'40	13°46	13°16	2°51	24°48	25°39	5° 5	23°23	28°10	4°33	9°46	11°44	2°12	5°14
M11	11 17 23	21°11'24	25°35	12°24	3°59	25°35	25°33	5°11	23°23	28°12	4°32	9°42	11°40	2°19	5°11
T 12	11 21 20	22°11'05	7♏26	11°36	5° 7	26°21	25°28	5°16	23°24	28°14	4°31	9°D41	11°37	2°25	5° 9
W13	11 25 16	23°10'46	19°24	10°52	6°15	27° 8	25°23	5°22	23°25	28°16	4°30	9°42	11°34	2°32	5° 7
T 14	11 29 13	24°10'24	1♃32	10°13	7°23	27°55	25°17	5°27	23°25	28°19	4°29	9°43	11°31	2°39	5° 5
F 15	11 33 9	25°10'01	13°55	9°41	8°30	28°41	25°12	5°33	23°26	28°21	4°29	9°44	11°28	2°46	5° 2
S 16	11 37 6	26° 9'35	26°38	9°14	9°37	29°28	25° 6	5°38	23°27	28°23	4°28	9°R45	11°25	2°52	5° 0
S 17	11 41 3	27° 9'09	9♃45	8°53	10°45	0♏14	25° 0	5°44	23°28	28°25	4°27	9°44	11°21	2°59	4°58
M18	11 44 59	28° 8'40	23°19	8°39	11°51	1° 0	24°54	5°49	23°29	28°28	4°26	9°41	11°18	3° 6	4°57
T 19	11 48 56	29° 8'10	7♋21	8°30	12°58	1°47	24°48	5°54	23°29	28°30	4°26	9°37	11°15	3°12	4°55
W20	11 52 52	0♏7'37	21°52	8°D28	14° 5	2°33	24°41	5°59	23°30	28°32	4°25	9°32	11°12	3°19	4°53
T 21	11 56 49	1° 7'03	6♋46	8°31	15°11	3°20	24°35	6° 4	23°31	28°35	4°24	9°26	11° 9	3°26	4°52
F 22	12 0 45	2° 6'27	21°56	8°40	16°17	4° 6	24°28	6° 9	23°33	28°37	4°24	9°20	11° 5	3°32	4°50
S 23	12 4 42	3° 5'49	7♏12	8°54	17°23	4°52	24°22	6°14	23°34	28°39	4°23	9°16	11° 2	3°39	4°49
S 24	12 8 38	4° 5'09	22°24	9°14	18°29	5°38	24°15	6°19	23°35	28°41	4°22	9°13	10°59	3°46	4°48
M25	12 12 35	5° 4'27	7♃22	9°38	19°34	6°24	24° 8	6°24	23°36	28°44	4°22	9°D12	10°56	3°52	4°47
T 26	12 16 32	6° 3'42	21°58	10° 7	20°39	7°11	24° 1	6°29	23°37	28°46	4°21	9°13	10°53	3°59	4°46
W27	12 20 28	7° 2'55	6♏ 9	10°40	21°44	7°57	23°54	6°33	23°39	28°48	4°21	9°14	10°50	4° 6	4°45
T 28	12 24 25	8° 2'06	19°53	11°17	22°49	8°43	23°47	6°38	23°40	28°50	4°20	9°15	10°46	4°12	4°44
F 29	12 28 21	9° 1'15	3♁12	11°58	23°53	9°29	23°40	6°42	23°42	28°53	4°20	9°R16	10°43	4°19	4°43
S 30	12 32 18	10° 0'21	16° 8	12°43	24°57	10°15	23°33	6°47	23°43	28°55	4°19	9°16	10°40	4°26	4°43
S 31	12 36 14	10♏59'25	28♁44	13♋31	26♃ 1	11♏ 0	23♁25	6♋51	23♏45	28♋57	4♏19	9♏15	10♏37	4♏32	4♏42

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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	7s22	19n52	3s28	0s18	3n30	9n17	0n34	5s39	0s53	8s46	1n30	19s37	0s24	23n30	0n11	2s 5	1s20	24n55	5n58	15s 8	15s31	3s35	11n34	7s32									
S 2	6 59 19	6 4 13	0 28	3 36	9 47	0 38	5 20	0 53	8 45	1 30	19 36	0 24	23 30	0 11	2 4	1 20	24 55	5 58	15 7	15 30	3 37	11 35	7 32										
S 3	6 36 17	24 4 44	0 42	3 39	10 16	0 42	5 2	0 52	8 43	1 30	19 35	0 24	23 30	0 11	2 4	1 20	24 55	5 58	15 5	15 29	3 39	11 37	7 31										
M 4	6 13 14	54 5 1	1 0	3 41	10 46	0 46	4 43	0 52	8 41	1 30	19 33	0 24	23 30	0 11	2 3	1 20	24 55	5 58	15 3	15 28	3 41	11 38	7 31										
T 5	5 50 11	47 5 4	1 21	3 40	11 15	0 50	4 24	0 51	8 40	1 31	19 32	0 24	23 30	0 11	2 2	1 20	24 56	5 58	15 0	15 27	3 43	11 39	7 30										
W 6	5 27 8	13 4 54	1 45	3 38	11 43	0 55	4 5	0 51	8 38	1 31	19 30	0 24	23 30	0 11	2 1	1 20	24 56	5 58	14 56	15 26	3 45	11 40	7 29										
T 7	5 4 4 2	4 30	2 12	3 33	12 42	0 59	3 46	0 51	8 36	1 31	19 29	0 24	23 30	0 11	2 0	1 20	24 56	5 58	14 53	15 26	3 47	11 42	7 29										
F 8	4 40 0 20	3 54	2 41	3 26	12 40	1 3	3 27	0 50	8 34	1 31	19 28	0 24	23 30	0 11	1 59	1 20	24 56	5 58	14 50	15 25	3 49	11 43	7 28										
S 9	4 17 3s40	3 9	3 11	3 18	13 8	1 7	3 8	0 50	8 32	1 31	19 27	0 24	23 30	0 11	1 58	1 20	24 56	5 58	14 48	15 24	3 51	11 44	7 27										
S 10	3 53 7 31	2 15	3 41	3 8	13 36	1 11	2 49	0 49	8 30	1 31	19 25	0 24	23 30	0 11	1 57	1 20	24 57	5 58	14 46	15 23	3 53	11 45	7 27										
M11	3 30 11 5	1 15	4 12	2 57	14 3	1 16	2 30	0 49	8 28	1 32	19 24	0 24	23 30	0 11	1 56	1 20	24 57	5 58	14 45	15 22	3 55	11 47	7 26										
T 12	3 6 14 12	0 12	4 42	2 44	14 30	1 20	2 11	0 48	8 26	1 32	19 23	0 25	23 30	0 11	1 56	1 20	24 57	5 58	14 44	15 21	3 57	11 48	7 25										
W13	2 43 16 46	0m52	5 10	2 31	14 57	1 24	1 52	0 48	8 24	1 32	19 21	0 25	23 30	0 11	1 55	1 20	24 57	5 58	14 44	15 20	3 59	11 49	7 25										
T 14	2 19 18 37	1 56	5 38	2 17	15 23	1 28	1 33	0 47	8 22	1 32	19 20	0 25	23 30	0 11	1 54	1 20	24 57	5 58	14 45	15 19	4 1	11 50	7 24										
F 15	1 55 19 37	2 55	6 4	2 2	15 49	1 33	1 14	0 47	8 20	1 32	19 19	0 25	23 30	0 11	1 53	1 20	24 57	5 58	14 45	15 18	4 3	11 51	7 23										
S 16	1 32 19 39	3 47	6 28	1 47	16 15	1 37	0 55	0 46	8 18	1 32	19 18	0 25	23 30	0 11	1 52	1 20	24 57	5 58	14 45	15 17	4 5	11 53	7 23										
S 17	1 8 18 39	4 29	6 49	1 32	16 40	1 41	0 36	0 46	8 15	1 33	19 16	0 25	23 30	0 11	1 51	1 20	24 58	5 58	14 45	15 16	4 7	11 54	7 22										
M18	0 44 16 34	4 58	7 9	1 17	17 5	1 45	0 17	0 45	8 13	1 33	19 15	0 25	23 30	0 11	1 50	1 20	24 58	5 58	14 44	15 15	4 9	11 55	7 21										
T 19	0 21 13 27	5 10	7 26	1 2	17 30	1 49	0n 1	0 45	8 11	1 33	19 14	0 25	23 30	0 11	1 49	1 20	24 58	5 58	14 43	15 14	4 11	11 56	7 21										
W20	0n 3 9 27	5 3	7 41	0 47	17 54	1 54	0 20	0 44	8 8	1 33	19 13	0 25	23 30	0 11	1 48	1 20	24 58	5 57	14 41	15 13	4 13	11 57	7 20										
T 21	0 27 4 46	4 36	7 53	0 33	18 17	1 58	0 39	0 44	8 6	1 33	19 12	0 26	23 30	0 11	1 47	1 20	24 58	5 57	14 39	15 12	4 15	11 58	7 19										
F 22	0 50 0n18	3 49	8 3	0 18	18 41	2 2	0 58	0 43	8 3	1 33	19 11	0 26	23 30	0 11	1 47	1 20	24 58	5 57	14 38	15 11	4 17	11 59	7 18										
S 23	1 14 5 24	2 46	8 10	0 5	19 4	2 6	1 17	0 43	8 1	1 33	19 10	0 26	23 30	0 11	1 46	1 20	24 58	5 57	14 36	15 10	4 19	12 0	7 18										
S 24	1 38 10 8	1 31	8 15	0s 9	19 26	2 10	1 36	0 42	7 58	1 33	19 8	0 26	23 30	0 11	1 45	1 20	24 58	5 57	14 35	15 9	4 21	12 1	7 17										
M25	2 1 14 9	0 10	8 18	0 22	19 48	2 14	1 55	0 42	7 56	1 33	19 7	0 26	23 31	0 11	1 44	1 20	24 58	5 57	14 35	15 8	4 23	12 2	7 16										
T 26	2 25 17 10	1s 9	8 19	0 34	20 10	2 18	2 13	0 41	7 53	1 33	19 6	0 26	23 31	0 11	1 43	1 20	24 58	5 57	14 35	15 7	4 25	12 3	7 15										
W27	2 48 19 2	2 22	8 17	0 46	20 31	2 22	2 32	0 41	7 50	1 34	19 5	0 26	23 31	0 11	1 42	1 20	24 59	5 57	14 36	15 6	4 27	12 4	7 14										
T 28	3 12 19 41	3 25	8 13	0 57	20 51	2 26	2 51	0 40	7 48	1 34	19 4	0 26	23 31	0 11	1 41	1 20	24 59	5 57	14 36	15 5	4 29	12 5	7 14										
F 29	3 35 19 13	4 14	8 7	1 7	21 11	2 30	3 9	0 39	7 45	1 34	19 3	0 26	23 31	0 11	1 40																		

SWISS EPHEMERIS for the year 1697

APRIL 1697 GC

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M 1	12 40 11	11°58'27	11°05'	14°22'	27°28'	11°46'	23°18'	6°55'	23°46'	28°59'	4°18'	9°12'	10°34'	4°39'	4°42'							
T 2	12 44 7	12°57'26	23°13'	15°17'	28°8'	12°32'	23°11'	7°0'	23°48'	29°2'	4°18'	9°9'	10°31'	4°46'	4°42'							
W 3	12 48 4	13°56'23	5°12'	16°15'	29°10'	13°18'	23°3'	7°4'	23°50'	29°4'	4°18'	9°5'	10°27'	4°52'	4°41'							
T 4	12 52 1	14°55'18	17°6'	17°15'	0°11'13	14°4'	22°56'	7°8'	23°51'	29°6'	4°17'	9°0'	10°24'	4°59'	4°D41							
F 5	12 55 57	15°54'10	28°56'	18°18'	1°15'	14°49'	22°48'	7°12'	23°53'	29°8'	4°17'	8°57'	10°21'	5°6'	4°41'							
S 6	12 59 54	16°53'01	10°45'	19°24'	2°17'	15°35'	22°40'	7°16'	23°55'	29°10'	4°17'	8°53'	10°18'	5°12'	4°41'							
S 7	13 3 50	17°51'49	22°36'	20°32'	3°19'	16°20'	22°33'	7°20'	23°57'	29°13'	4°17'	8°51'	10°15'	5°19'	4°42'							
M 8	13 7 47	18°50'36	4°11'29	21°42'	4°20'	17°6'	22°25'	7°23'	23°59'	29°15'	4°16'	8°D51	10°11'	5°26'	4°42'							
T 9	13 11 43	19°49'20	16°27'	22°55'	5°21'	17°51'	22°18'	7°27'	24°1'	29°17'	4°16'	8°51'	10°8'	5°32'	4°42'							
W10	13 15 40	20°48'03	28°33'	24°10'	6°21'	18°37'	22°10'	7°31'	24°3'	29°19'	4°16'	8°52'	10°5'	5°39'	4°43'							
T 11	13 19 36	21°46'44	10°47'49	25°27'	7°21'	19°22'	22°2'	7°34'	24°5'	29°21'	4°16'	8°53'	10°2'	5°46'	4°44'							
F 12	13 23 33	22°45'23	23°19'	26°47'	8°21'	20°8'	21°54'	7°37'	24°7'	29°23'	4°16'	8°54'	9°59'	5°52'	4°45'							
S 13	13 27 30	23°44'01	6°35'	28°8'	9°20'	20°53'	21°47'	7°41'	24°9'	29°25'	4°16'	8°55'	9°56'	5°59'	4°45'							
S 14	13 31 26	24°42'37	19°11'	29°31'	10°19'	21°38'	21°39'	7°44'	24°11'	29°28'	4°16'	8°R56	9°52'	6°6'	4°46'							
M15	13 35 23	25°41'11	2°39'	0°Y56	11°17'	22°23'	21°31'	7°47'	24°13'	29°30'	4°16'	8°56'	9°49'	6°12'	4°48'							
T 16	13 39 19	26°39'43	16°32'	2°23'	12°15'	23°9'	21°24'	7°50'	24°15'	29°32'	4°D16	8°55'	9°46'	6°19'	4°49'							
W17	13 43 16	27°38'14	0°H48	3°52'	13°12'	23°54'	21°16'	7°53'	24°18'	29°34'	4°16'	8°54'	9°43'	6°26'	4°50'							
T 18	13 47 12	28°36'43	15°26'	5°23'	14°9'	24°39'	21°9'	7°56'	24°20'	29°36'	4°16'	8°53'	9°40'	6°32'	4°52'							
F 19	13 51 9	29°35'11	0°Y21	6°55'	15°5'	25°24'	21°1'	7°59'	24°22'	29°38'	4°16'	8°52'	9°36'	6°39'	4°53'							
S 20	13 55 5	0°B33'36	15°26'	8°29'	16°1'	26°9'	20°54'	8°2'	24°25'	29°40'	4°16'	8°51'	9°33'	6°46'	4°55'							
S 21	13 59 2	1°32'01	0°B32	10°6'	16°57'	26°54'	20°46'	8°4'	24°27'	29°42'	4°16'	8°51'	9°30'	6°52'	4°56'							
M22	14 2 58	2°30'23	15°30'	11°43'	17°52'	27°39'	20°39'	8°7'	24°30'	29°44'	4°16'	8°D51	9°27'	6°59'	4°58'							
T 23	14 6 55	3°28'43	0°H11	13°23'	18°46'	28°23'	20°31'	8°9'	24°32'	29°46'	4°16'	8°51'	9°24'	7°6'	5°0'							
W24	14 10 52	4°27'02	14°31'	15°4'	19°40'	29°8'	20°24'	8°12'	24°35'	29°48'	4°17'	8°51'	9°21'	7°12'	5°2'							
T 25	14 14 48	5°25'18	28°24'	16°48'	20°33'	29°53'	20°17'	8°14'	24°37'	29°50'	4°17'	8°52'	9°17'	7°19'	5°5'							
F 26	14 18 45	6°23'33	11°E52	18°33'	21°25'	0°B37	20°10'	8°16'	24°40'	29°52'	4°17'	8°52'	9°14'	7°26'	5°7'							
S 27	14 22 41	7°21'45	24°54'	20°19'	22°17'	1°22'	20°2'	8°18'	24°43'	29°54'	4°17'	8°52'	9°11'	7°32'	5°9'							
S 28	14 26 38	8°19'55	7°D34	22°8'	23°8'	2°7'	19°55'	8°20'	24°45'	29°55'	4°18'	8°52'	9°8'	7°39'	5°12'							
M29	14 30 34	9°18'04	19°55'	23°58'	23°58'	2°51'	19°49'	8°22'	24°48'	29°57'	4°18'	8°52'	9°5'	7°46'	5°14'							
T 30	14 34 31	10°16'10	2°H1	25°Y51	24°H48	3°B36	19°42'	8°24'	24°H51	29°H59	4°R18	8°H52	9°H2	7°H52	5°R17							

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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	4n44	12n27	5s13	7s38	1s36	22n9	2n41	4n5	0s38	7s37	1n34	19s0	0s27	23n31	0n11	1s38	1s20	24n59	5n57	14s35	15s1	4s37	12n9	7s11
T 2	5 7 9 0	5 4	7 24	1 44	22 27	2 45	4 23	0 37	7 34	1 34	18 59	0 27	23 31	0 11	1 37	1 20	24 59	5 57	14 34	15 0	4 39	12 10	7 10	
W 3	5 30 5 15	4 42	7 9	1 52	22 45	2 49	4 42	0 37	7 31	1 34	18 58	0 27	23 31	0 11	1 36	1 20	24 59	5 56	14 33	14 59	4 41	12 10	7 9	
T 4	5 53 1 18	4 7	6 52	1 59	23 2	2 52	5 0	0 36	7 28	1 34	18 57	0 27	23 31	0 11	1 35	1 20	24 59	5 56	14 31	14 58	4 43	12 11	7 8	
F 5	6 16 2s40	3 22	6 33	2 5	23 18	2 56	5 18	0 36	7 26	1 34	18 56	0 27	23 31	0 11	1 34	1 20	24 59	5 56	14 30	14 57	4 45	12 12	7 7	
S 6	6 39 6 33	2 29	6 13	2 11	23 35	2 59	5 36	0 35	7 23	1 34	18 56	0 27	23 31	0 11	1 33	1 20	24 59	5 56	14 29	14 56	4 47	12 13	7 7	
S 7	7 1 10 10	1 29	5 51	2 17	23 50	3 3	5 54	0 34	7 20	1 34	18 55	0 27	23 32	0 11	1 33	1 20	24 59	5 56	14 28	14 55	4 49	12 13	7 6	
M 8	7 24 13 25	0 24	5 28	2 22	24 5	3 6	6 12	0 34	7 17	1 34	18 54	0 28	23 32	0 11	1 32	1 20	24 59	5 56	14 28	14 54	4 51	12 14	7 5	
T 9	7 46 16 7	0n42	5 3	2 26	24 20	3 9	6 30	0 33	7 14	1 34	18 53	0 28	23 32	0 11	1 31	1 20	24 59	5 56	14 28	14 53	4 53	12 15	7 4	
W10	8 8 18 8	1 47	4 36	2 30	24 33	3 12	6 48	0 33	7 11	1 34	18 52	0 28	23 32	0 11	1 30	1 20	24 59	5 56	14 28	14 52	4 55	12 15	7 3	
T 11	8 30 19 20	2 48	4 9	2 33	24 47	3 15	7 6	0 32	7 9	1 34	18 51	0 28	23 32	0 11	1 29	1 20	24 59	5 56	14 29	14 51	4 57	12 16	7 3	
F 12	8 52 19 37	3 42	3 39	2 35	25 0	3 18	7 24	0 32	7 6	1 34	18 51	0 28	23 32	0 11	1 28	1 20	24 59	5 56	14 29	14 50	4 59	12 17	7 2	
S 13	9 14 18 54	4 27	3 9	2 37	25 12	3 21	7 41	0 31	7 3	1 34	18 50	0 28	23 32	0 11	1 28	1 20	24 58	5 56	14 30	14 49	5 1	12 17	7 1	
S 14	9 35 17 11	4 58	2 37	2 39	25 23	3 24	7 59	0 30	7 0	1 34	18 49	0 28	23 32	0 11	1 27	1 20	24 58	5 56	14 30	14 48	5 3	12 18	7 0	
M15	9 57 14 29	5 15	2 4	2 40	25 35	3 27	8 16	0 30	6 57	1 34	18 49	0 28	23 32	0 11	1 26	1 20	24 58	5 55	14 30	14 47	5 5	12 18	6 59	
T 16	10 18 10 54	5 14	1 30	2 40	25 45	3 29	8 33	0 29	6 55	1 34	18 48	0 29	23 32	0 11	1 25	1 20	24 58	5 55	14 30	14 46	5 7	12 19	6 58	
W17	10 39 6 37	4 54	0 55	2 40	25 55	3 32	8 51	0 29	6 52	1 34	18 47	0 29	23 32	0 11	1 24	1 21	24 58	5 55	14 29	14 45	5 9	12 19	6 58	
T 18	11 0 1 50	4 15	0 18	2 39	26 4	3 34	9 8	0 28	6 49	1 34	18 47	0 29	23 33	0 11	1 24	1 21	24 58	5 55	14 29	14 44	5 11	12 20	6 57	
F 19	11 21 3n10	3 18	0n20	2 38	26 13	3 36	9 25	0 27	6 46	1 33	18 46	0 29	23 33	0 11	1 23	1 21	24 58	5 55	14 29	14 43	5 13	12 20	6 56	
S 20	11 41 8 2	2 6	0 59	2 36	26 22	3 38	9 42	0 27	6 43	1 33	18 45	0 29	23 33	0 11	1 22	1 21	24 58	5 55	14 28	14 42	5 15	12 21	6 55	
S 21	12 2 12 24	0 46	1 38	2 34	26 29	3 40	9 58	0 26	6 41	1 33	18 45	0 29	23 33	0 11	1 21	1 21	24 58	5 55	14 28	14 41	5 17	12 21	6 54	
M22	12 22 15 55	0s37	2 19	2 31	26 37	3 42	10 15	0 26	6 38	1 33	18 44	0 29	23 33	0 11	1 20	1 21	24 58	5 55	14 28	14 40	5 19	12 21	6 54	
T 23	12 42 18 20	1 56	3 1	2 28	26 43	3 44	10 32	0 25	6 35	1 33	18 44	0 29	23 33	0 11	1 20	1 21	24 57	5 55	14 28	14 39	5 21	12 22	6 53	
W24	13 1 19 30	3 6	3 44	2 24	26 49	3 46	10 48	0 24	6 33	1 33	18 43	0 30	23 33	0 11	1 19	1 21	24 57	5 55	14 28	14 38	5 23	12 22	6 52	
T 25	13 21 19 26	4 2	4 28	2 20	26 55	3 47	11 5	0 24	6 30	1 33	18 43	0 30	23 33	0 11	1 18	1 21	24 57	5 55	14 29	14 37	5 25	12 22	6 51	
F 26	13 40 18 15	4 43	5 12	2 15	27 0	3 48	11 21	0 23	6 28	1 33	18 42	0 30	23 33	0 11	1 17	1 21	24 57	5 54	14 29	14 36	5 27	12 23	6 50	
S 27	13 59 16 7	5 8	5 57	2 9	27 4	3 49	11 37	0 22	6 25	1 33	18 42	0 30	23 33	0 11	1 17	1 21	24 57	5 54	14 29	14 35	5 29	12 23	6 50	
S 28	14 18 13 17	5 18	6 43	2 3	27 8	3 50	11 53	0 22	6 22	1 33	18 42	0 30	23 34	0 11	1 16	1 21	24 57	5 54	14 29	14 34	5 31	12 23	6 49	
M29	14 37 9 56	5 12	7 30	1 57	27 11	3 51	12 9	0 21	6 20	1 32	18 41	0 30	23 34	0 11	1 15	1 21	24 57	5 54	14 29	14 33	5 33	12 23	6 48	
T 30	14n55	6n13	4s52	8n18	1s50	27n14	3n52	12n25	0s21	6														

SWISS EPHEMERIS for the year 1697

MAY 1697 GC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	14 38 27	11♌14'14	13♍58	27♎45	25♏37	4♐20	19°R35	8♑25	24♒54	0♓1	4♓19	8♔53	8♕58	7♖59	5♗20
T 2	14 42 24	12°12'17	25°48	29°40	26°25	5° 4	19♑28	8°27	24°57	0° 3	4°19	8°53	8°55	8° 6	5°22
F 3	14 46 21	13°10'17	7♌37	1♌38	27°12	5°49	19°22	8°28	24°59	0° 5	4°20	8°53	8°52	8°12	5°25
S 4	14 50 17	14° 8'16	19°26	3°37	27°58	6°33	19°15	8°30	25° 2	0° 6	4°20	8°54	8°49	8°19	5°28
S 5	14 54 14	15° 6'13	1♌21	5°38	28°44	7°17	19° 9	8°31	25° 5	0° 8	4°21	8°54	8°46	8°26	5°32
M 6	14 58 10	16° 4'08	13°21	7°41	29°28	8° 1	19° 3	8°32	25° 8	0°10	4°21	8°R54	8°42	8°32	5°35
T 7	15 2 7	17° 2'02	25°30	9°45	0♑12	8°45	18°57	8°33	25°11	0°12	4°22	8°54	8°39	8°39	5°38
W 8	15 6 3	17°59'55	7♌50	11°51	0°54	9°29	18°51	8°35	25°14	0°13	4°22	8°53	8°36	8°46	5°42
T 9	15 10 0	18°57'46	20°21	13°58	1°36	10°13	18°45	8°35	25°17	0°15	4°23	8°52	8°33	8°52	5°45
F 10	15 13 56	19°55'36	3♌6	16° 6	2°16	10°57	18°39	8°36	25°20	0°16	4°23	8°50	8°30	8°59	5°49
S 11	15 17 53	20°53'24	16° 5	18°16	2°56	11°41	18°34	8°37	25°23	0°18	4°24	8°49	8°27	9° 6	5°53
S 12	15 21 50	21°51'11	29°19	20°26	3°34	12°25	18°28	8°38	25°27	0°20	4°25	8°48	8°23	9°12	5°56
M13	15 25 46	22°48'57	12♌50	22°37	4°11	13° 9	18°23	8°38	25°30	0°21	4°25	8°47	8°20	9°19	6° 0
T 14	15 29 43	23°46'42	26°39	24°48	4°47	13°52	18°18	8°39	25°33	0°23	4°26	8°D47	8°17	9°26	6° 4
W15	15 33 39	24°44'26	10♌44	27° 0	5°21	14°36	18°13	8°39	25°36	0°24	4°27	8°47	8°14	9°32	6° 8
T 16	15 37 36	25°42'09	25° 4	29°11	5°54	15°20	18° 8	8°39	25°39	0°26	4°28	8°48	8°11	9°39	6°12
F 17	15 41 32	26°39'50	9♎38	1♎22	6°26	16° 3	18° 3	8°39	25°42	0°27	4°28	8°49	8° 8	9°46	6°17
S 18	15 45 29	27°37'31	24°21	3°32	6°56	16°47	17°58	8°R39	25°46	0°29	4°29	8°50	8° 4	9°52	6°21
S 19	15 49 25	28°35'10	9♌7	5°41	7°25	17°30	17°54	8°39	25°49	0°30	4°30	8°R51	8° 1	9°59	6°25
M20	15 53 22	29°32'49	23°49	7°50	7°52	18°14	17°50	8°39	25°52	0°31	4°31	8°50	7°58	10° 6	6°30
T 21	15 57 19	0♎30'26	8♎21	9°56	8°18	18°57	17°46	8°39	25°56	0°33	4°32	8°49	7°55	10°12	6°34
W22	16 1 15	1°28'02	22°36	12° 1	8°42	19°40	17°42	8°39	25°59	0°34	4°33	8°46	7°52	10°19	6°39
T 23	16 5 12	2°25'37	6♌30	14° 4	9° 5	20°23	17°38	8°38	26° 2	0°35	4°34	8°43	7°48	10°26	6°44
F 24	16 9 8	3°23'10	20° 1	16° 5	9°25	21° 7	17°34	8°38	26° 6	0°37	4°35	8°39	7°45	10°32	6°49
S 25	16 13 5	4°20'42	3♌6	18° 4	9°44	21°50	17°31	8°37	26° 9	0°38	4°36	8°36	7°42	10°39	6°54
S 26	16 17 1	5°18'13	15°50	20° 0	10° 1	22°33	17°28	8°36	26°12	0°39	4°37	8°34	7°39	10°46	6°59
M27	16 20 58	6°15'43	28°13	21°54	10°15	23°16	17°24	8°35	26°16	0°40	4°38	8°32	7°36	10°52	7° 4
T 28	16 24 54	7°13'11	10♎21	23°46	10°28	23°59	17°21	8°34	26°19	0°42	4°39	8°D32	7°33	10°59	7° 9
W29	16 28 51	8°10'37	22°17	25°35	10°39	24°42	17°19	8°33	26°23	0°43	4°40	8°33	7°29	11° 6	7°14
T 30	16 32 48	9° 8'03	4♌7	27°21	10°47	25°25	17°16	8°32	26°26	0°44	4°41	8°34	7°26	11°12	7°19
F 31	16 36 44	10♎5'27	15♌56	29♎5	10♑53	26♌7	17♌14	8♑31	26♎30	0♓45	4♓42	8♔36	7♕23	11♖19	7♗25

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	15n13	2n19	4s20	9n 5	1s43	27n17	3n52	12n40	0s20	6s15	1n32	18s41	0s30	23n34	0n11	1s14	1s21	24n56	5n54	14s29	14s31	5s37	12n23	6s46
T 2	15 31	1s39	3 37	9 54	1 35	27 18	3 53	12 56	0 19	6 13	1 32	18 40	0 31	23 34	0 11	1 13	1 21	24 56	5 54	14 29	14 30	5 39	12 23	6 46
F 3	15 49	5 33	2 45	10 42	1 27	27 20	3 53	13 11	0 19	6 10	1 32	18 40	0 31	23 34	0 11	1 12	1 21	24 56	5 54	14 29	14 29	5 40	12 24	6 45
S 4	16 6	9 15	1 46	11 31	1 18	27 20	3 53	13 26	0 18	6 8	1 32	18 40	0 31	23 34	0 11	1 12	1 21	24 56	5 54	14 29	14 28	5 42	12 24	6 44
S 5	16 24	12 37	0 42	12 20	1 9	27 21	3 53	13 41	0 17	6 6	1 31	18 40	0 31	23 34	0 11	1 11	1 21	24 55	5 54	14 29	14 27	5 44	12 24	6 43
M 6	16 40	15 29	0n25	13 9	0 59	27 21	3 52	13 56	0 17	6 4	1 31	18 39	0 31	23 34	0 11	1 11	1 21	24 55	5 54	14 29	14 26	5 46	12 24	6 43
T 7	16 57	17 42	1 31	13 58	0 50	27 20	3 51	14 11	0 16	6 2	1 31	18 39	0 31	23 35	0 11	1 10	1 21	24 55	5 54	14 29	14 25	5 48	12 23	6 42
W 8	17 13	19 7	2 34	14 47	0 40	27 19	3 51	14 26	0 16	5 59	1 31	18 39	0 31	23 35	0 11	1 9	1 21	24 55	5 53	14 29	14 23	5 50	12 23	6 41
T 9	17 29	19 38	3 30	15 35	0 30	27 17	3 49	14 40	0 15	5 57	1 31	18 39	0 31	23 35	0 11	1 9	1 21	24 54	5 53	14 29	14 22	5 52	12 23	6 40
F 10	17 45	19 9	4 17	16 23	0 19	27 15	3 48	14 55	0 14	5 55	1 31	18 39	0 32	23 35	0 11	1 8	1 21	24 54	5 53	14 28	14 21	5 54	12 23	6 40
S 11	18 0	17 40	4 52	17 9	0 9	27 13	3 46	15 9	0 14	5 53	1 30	18 39	0 32	23 35	0 11	1 7	1 21	24 54	5 53	14 28	14 20	5 56	12 23	6 39
S 12	18 15	15 14	5 12	17 55	0n	27 10	3 45	15 23	0 13	5 52	1 30	18 39	0 32	23 35	0 11	1 7	1 21	24 54	5 53	14 27	14 19	5 58	12 23	6 38
M13	18 30	11 56	5 16	18 39	0 12	27 7	3 43	15 37	0 12	5 50	1 30	18 39	0 32	23 35	0 11	1 6	1 21	24 54	5 53	14 27	14 18	6 0	12 23	6 37
T 14	18 45	7 56	5 1	19 22	0 23	27 3	3 40	15 50	0 12	5 48	1 30	18 39	0 32	23 35	0 11	1 6	1 21	24 53	5 53	14 27	14 17	6 2	12 22	6 37
W15	18 59	3 24	4 29	20 3	0 33	26 59	3 38	16 4	0 11	5 46	1 30	18 39	0 32	23 35	0 11	1 5	1 22	24 53	5 53	14 27	14 16	6 4	12 22	6 36
T 16	19 13	1n23	3 39	20 43	0 43	26 55	3 35	16 17	0 10	5 45	1 29	18 39	0 32	23 36	0 11	1 5	1 22	24 53	5 53	14 27	14 15	6 6	12 22	6 35
F 17	19 26	6 12	2 35	21 20	0 53	26 50	3 31	16 31	0 10	5 43	1 29	18 39	0 33	23 36	0 11	1 4	1 22	24 52	5 53	14 28	14 14	6 7	12 21	6 35
S 18	19 40	10 41	1 19	21 55	1 22	26 45	3 28	16 44	0 9	5 41	1 29	18 39	0 33	23 36	0 11	1 3	1 22	24 52	5 53	14 28	14 13	6 9	12 21	6 34
S 19	19 53	14 32	0s	1 22 28	1 11	26 40	3 24	16 57	0 9	5 40	1 29	18 39	0 33	23 36	0 11	1 3	1 22	24 52	5 53	14 28	14 12	6 11	12 21	6 33
M20	20 5 17 26	1 22 22 58	1 20 26 34	3 20 17 9	0 8	5 39	1 28 18 39	0 33 23 36	0 11	1 2	1 22 24 52	5 52 14 28	14 11	6 13	12 20	6 32								
T 21	20 17 19 10	2 36 23 25	1 28 26 28	3 15 17 22	0 7	5 37	1 28 18 40	0 33 23 36	0 11	1 2	1 22 24 51	5 52 14 27	14 10	6 15	12 20	6 32								
W22	20 29 19 38	3 38 23 50	1 35 26 21	3 11 17 34	0 7	5 36	1 28 18 40	0 33 23 36	0 11	1 1	1 22 24 51	5 52 14 27	14 9	6 17	12 19	6 31								
T 23	20 41 18 53	4 26 24 12	1 42 26 15	3 5 17 47	0 6	5 35	1 28 18 40	0 33 23 36	0 11	1 1	1 22 24 51	5 52 14 26	14 8	6 19	12 19	6 30								
F 24	20 52 17 4	4 58 24 32	1 48 26 8	3 0 17 59	0 5	5 34	1 27 18 40	0 33 23 36	0 11	1 1	1 22 24 50	5 52 14 25	14 7	6 21	12 18	6 30								
S 25	21 3 14 25	5 13 24 49	1 53 26 1	2 54 18 11	0 5	5 33	1 27 18 41	0 34 23 37	0 11	1 0	1 22 24 50	5 52 14 23	14 6	6 23	12 18	6 29								
S 26	21 13 11 9	5 12 25 3	1 57 25 53	2 48 18 22	0 4	5 31	1 27 18 41	0 34 23 37	0 11	1 0	1 22 24 50	5 52 14 23	14 5	6 25	12 17	6 28								
M27	21 23 7 29	4 56 25 15	2 1 25 45	2 41 18 34	0 3	5 31	1 27 18 41	0 34 23 37	0 11	0 59	1 22 24 49	5 52 14 22	14 4	6 26	12 17	6 28								
T 28	21 33 3 34	4 27 25 24	2 4 25 37	2 34 18 45	0 3	5 30	1 26 18 42	0 34 23 37	0 11	0 59	1 22 24 49	5 52 14 22	14 3	6 28	12 16	6 27								
W29	21 42 0s25	3 47 25 30	2 6 25 29	2 26 18 56	0 2	5 29	1 26 18 42	0 34 23 37	0 11	0 58	1 22 24 49	5 52 14 22	14 2	6 30	12 15	6 26								
T 30	21 51 4 22	2 58 25 35	2 8 25 20	2 19 19 7	0 1	5 28	1 26 18 42	0 34 23 37	0 11	0 58	1 22 24 49	5 52 14 23	14 1	6 32	12 15	6 26								
F 31																								

SWISS EPHEMERIS for the year 1697

JUNE 1697 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
S 1	16 40 41	11II 2'50	27♄48	0♄46	10♄58	26♂50	17°R11	8°R30	26II33	0Y46	4♁43	8♁37	7♁20	11♄26	7♁30									
S 2	16 44 37	12° 0'13	9♁47	2°24	10°R59	27°33	17♁ 9	8♁28	26°37	0°47	4°44	8°R38	7°17	11°32	7°35									
M 3	16 48 34	12°57'34	21°57	4° 0	10°59	28°15	17° 8	8°27	26°40	0°48	4°45	8°37	7°14	11°39	7°41									
T 4	16 52 30	13°54'54	4♂19	5°32	10°56	28°58	17° 6	8°25	26°44	0°49	4°47	8°35	7°10	11°46	7°47									
W 5	16 56 27	14°52'14	16°55	7° 2	10°50	29°40	17° 4	8°24	26°47	0°50	4°48	8°30	7° 7	11°52	7°52									
T 6	17 0 23	15°49'33	29°47	8°29	10°42	0II23	17° 3	8°22	26°51	0°51	4°49	8°25	7° 4	11°59	7°58									
F 7	17 4 20	16°46'51	12♄53	9°54	10°32	1° 5	17° 2	8°20	26°54	0°52	4°50	8°19	7° 1	12° 6	8° 4									
S 8	17 8 17	17°44'08	26°13	11°15	10°20	1°48	17° 1	8°18	26°58	0°52	4°52	8°13	6°58	12°12	8°10									
S 9	17 12 13	18°41'25	9♁46	12°34	10° 5	2°30	17° 0	8°16	27° 1	0°53	4°53	8° 7	6°54	12°19	8°16									
M10	17 16 10	19°38'42	23°29	13°49	9°47	3°12	16°59	8°14	27° 5	0°54	4°54	8° 3	6°51	12°25	8°22									
T 11	17 20 6	20°35'58	7♂23	15° 2	9°28	3°54	16°59	8°12	27° 9	0°55	4°56	8° 0	6°48	12°32	8°28									
W12	17 24 3	21°33'14	21°26	16°11	9° 6	4°37	16°59	8°10	27°12	0°55	4°57	8°D 0	6°45	12°39	8°34									
T 13	17 27 59	22°30'29	5Y36	17°17	8°42	5°19	16°D58	8° 7	27°16	0°56	4°58	8° 0	6°42	12°45	8°40									
F 14	17 31 56	23°27'45	19°51	18°20	8°16	6° 1	16°59	8° 5	27°19	0°57	5° 0	8° 1	6°39	12°52	8°47									
S 15	17 35 52	24°25'00	4♂11	19°20	7°48	6°43	16°59	8° 2	27°23	0°57	5° 1	8°R 2	6°35	12°59	8°53									
S 16	17 39 49	25°22'15	18°32	20°17	7°18	7°25	16°59	8° 0	27°26	0°58	5° 2	8° 2	6°32	13° 5	8°59									
M17	17 43 46	26°19'30	2II50	21°10	6°46	8° 7	17° 0	7°57	27°30	0°59	5° 4	7°59	6°29	13°12	9° 6									
T 18	17 47 42	27°16'45	17° 0	21°59	6°14	8°48	17° 1	7°54	27°34	0°59	5° 5	7°55	6°26	13°19	9°12									
W19	17 51 39	28°13'59	0♄59	22°45	5°39	9°30	17° 2	7°51	27°37	1° 0	5° 7	7°48	6°23	13°25	9°19									
T 20	17 55 35	29°11'13	14°42	23°27	5° 4	10°12	17° 3	7°48	27°41	1° 0	5° 8	7°40	6°20	13°32	9°25									
F 21	17 59 32	0♄ 8'27	28° 5	24° 5	4°28	10°54	17° 4	7°45	27°44	1° 0	5°10	7°32	6°16	13°39	9°32									
S 22	18 3 28	1° 5'40	11♁ 8	24°39	3°51	11°35	17° 6	7°42	27°48	1° 1	5°11	7°23	6°13	13°45	9°39									
S 23	18 7 25	2° 2'53	23°50	25° 9	3°14	12°17	17° 7	7°39	27°52	1° 1	5°13	7°16	6°10	13°52	9°45									
M24	18 11 22	3° 0'05	6♁13	25°34	2°36	12°58	17° 9	7°36	27°55	1° 1	5°14	7°10	6° 7	13°59	9°52									
T 25	18 15 18	3°57'17	18°21	25°56	1°59	13°40	17°11	7°33	27°59	1° 2	5°16	7° 7	6° 4	14° 5	9°59									
W26	18 19 15	4°54'29	0♄17	26°13	1°21	14°21	17°14	7°29	28° 2	1° 2	5°17	7°D 6	6° 0	14°12	10° 6									
T 27	18 23 11	5°51'40	12° 7	26°25	0°45	15° 3	17°16	7°26	28° 6	1° 2	5°19	7° 6	5°57	14°19	10°13									
F 28	18 27 8	6°48'51	23°57	26°33	0° 9	15°44	17°18	7°23	28°10	1° 2	5°20	7° 6	5°54	14°25	10°20									
S 29	18 31 4	7°46'01	5♁51	26°R36	29II34	16°25	17°21	7°19	28°13	1° 3	5°22	7°R 7	5°51	14°32	10°27									
S 30	18 35 1	8♄43'12	17♁54	26♄34	29II 0	17II 6	17♄24	7♁16	28II17	1Y 3	5♁24	7♁ 6	5♁48	14♄39	10♁34									

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	22n 8	11s38	0s59	25n37	2n 8	25n 3	2n 2	19n29	0s 0	5s27	1n25	18s43	0s35	23n37	0n11	0s57	1s22	24n48	5n52	14s24	13s59	6s36	12n13	6s25
S 2	22 16 14	40 0n 6	25 35	2 7 24	53 1 52	19 39	0n 1	5 26	1 25	18 44	0 35	23 37	0 11	0 57	1 22	24 47	5 52	14 24	13 58	6 38	12 12	6 24		
M 3	22 23 17	7 1 12	25 31	2 6 24	44 1 43	19 49	0 1	5 26	1 25	18 44	0 35	23 37	0 11	0 57	1 22	24 47	5 52	14 24	13 57	6 40	12 12	6 23		
T 4	22 30 18	49 2 16	25 25	2 3 24	34 1 33	19 59	0 2	5 25	1 25	18 45	0 35	23 38	0 11	0 56	1 22	24 47	5 52	14 23	13 56	6 42	12 11	6 23		
W 5	22 37 19	37 3 14	25 17	2 0 24	24 1 22	20 9	0 3	5 25	1 24	18 45	0 35	23 38	0 11	0 56	1 23	24 46	5 52	14 22	13 55	6 43	12 10	6 22		
T 6	22 43 19	26 4 3	25 8	1 56	24 14 1 12	20 19	0 3	5 25	1 24	18 46	0 35	23 38	0 11	0 56	1 23	24 46	5 51	14 20	13 54	6 45	12 9	6 22		
F 7	22 49 18	12 4 40	24 58	1 52	24 4 1 0	20 28	0 4	5 25	1 24	18 47	0 35	23 38	0 11	0 55	1 23	24 46	5 51	14 18	13 53	6 47	12 8	6 21		
S 8	22 55 15	58 5 3	24 46	1 46	23 53 0 49	20 38	0 4	5 24	1 24	18 47	0 35	23 38	0 11	0 55	1 23	24 45	5 51	14 16	13 52	6 49	12 7	6 20		
S 9	23 0 12	51 5 10	24 33	1 40	23 43 0 37	20 47	0 5	5 24	1 23	18 48	0 36	23 38	0 11	0 55	1 23	24 45	5 51	14 14	13 50	6 51	12 6	6 20		
M10	23 4 9	0 4 59	24 19	1 34	23 31 0 24	20 55	0 6	5 24	1 23	18 49	0 36	23 38	0 11	0 54	1 23	24 45	5 51	14 13	13 49	6 53	12 5	6 19		
T 11	23 9 4 37	4 30	24 3	1 26	23 20 0 11	21 4	0 6	5 24	1 23	18 49	0 36	23 38	0 11	0 54	1 23	24 44	5 51	14 12	13 48	6 55	12 4	6 19		
W12	23 12 0n 3	3 46	23 47	1 18	23 8 0s 2	21 13	0 7	5 25	1 23	18 50	0 36	23 38	0 11	0 54	1 23	24 44	5 51	14 12	13 47	6 57	12 3	6 18		
T 13	23 16 4 46	2 47	23 30	1 9	22 56 0 15	21 21	0 8	5 25	1 22	18 51	0 36	23 38	0 11	0 54	1 23	24 44	5 51	14 12	13 46	6 58	12 2	6 18		
F 14	23 19 9 16	1 37	23 13	1 0	22 45 0 29	21 29	0 8	5 25	1 22	18 52	0 36	23 38	0 11	0 54	1 23	24 43	5 51	14 12	13 45	7 0	12 1	6 17		
S 15	23 22 13	16 0 21	22 54	0 50	22 32 0 42	21 37	0 9	5 25	1 22	18 52	0 36	23 39	0 11	0 53	1 23	24 43	5 51	14 13	13 44	7 2	12 0	6 17		
S 16	23 24 16	28 0s56	22 35	0 39	22 20 0 56	21 44	0 10	5 26	1 21	18 53	0 37	23 39	0 11	0 53	1 23	24 42	5 51	14 12	13 43	7 4	11 59	6 16		
M17	23 26 18	38 2 10	22 16	0 28	22 8 1 11	21 52	0 10	5 26	1 21	18 54	0 37	23 39	0 12	0 53	1 23	24 42	5 51	14 12	13 42	7 6	11 58	6 16		
T 18	23 27 19	37 3 14	21 57	0 16	21 55 1 25	21 59	0 11	5 27	1 21	18 55	0 37	23 39	0 12	0 53	1 23	24 42	5 51	14 10	13 41	7 8	11 57	6 15		
W19	23 28 19	22 4 6	21 37	0 4	21 42 1 39	22 6	0 12	5 28	1 21	18 56	0 37	23 39	0 12	0 53	1 23	24 41	5 51	14 8	13 40	7 10	11 55	6 15		
T 20	23 28 17	59 4 43	21 17	0s 9	21 30 1 53	22 13	0 12	5 28	1 20	18 57	0 37	23 39	0 12	0 53	1 23	24 41	5 51	14 5	13 39	7 11	11 54	6 14		
F 21	23 29 15	38 5 2	20 58	0 22	21 17 2 7	22 20	0 13	5 29	1 20	18 57	0 37	23 39	0 12	0 52	1 23	24 40	5 51	14 3	13 38	7 13	11 53	6 14		
S 22	23 28 12	33 5 6	20 38	0 36	21 4 2 21	22 26	0 14	5 30	1 20	18 58	0 37	23 39	0 12	0 52	1 23	24 40	5 51	14 0	13 37	7 15	11 52	6 13		
S 23	23 28 8 58	4 54	20 19	0 50	20 51 2 35	22 32	0 14	5 31	1 19	18 59	0 37	23 39	0 12	0 52	1 23	24 40	5 51	13 57	13 36	7 17	11 50	6 13		
M24	23 27 5 5	4 28	20 0	1 5	20 39 2 48	22 38	0 15	5 32	1 19	19 0	0 38	23 39	0 12	0 52	1 24	24 39	5 51	13 56	13 35	7 19	11 49			

SWISS EPHEMERIS for the year 1697

JULY 1697 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁
M 1	18 38 57	9♄04'22	0♂10	26°R28	28°R28	17II47	17♁27	7°R12	28II20	1♃ 3	5♁25	7°R 4	5III45	14♁45	10♁41
T 2	18 42 54	10°37'32	12°43	26♁17	27II57	18°28	17°30	7♁ 8	28°24	1° 3	5°27	6III59	5°41	14°52	10°48
W 3	18 46 51	11°34'42	25°35	26° 1	27°28	19° 9	17°34	7° 4	28°27	1°R 3	5°28	6°52	5°38	14°59	10°55
T 4	18 50 47	12°31'52	8♂47	25°42	27° 0	19°50	17°37	7° 1	28°31	1° 3	5°30	6°43	5°35	15° 5	11° 3
F 5	18 54 44	13°29'03	22°17	25°18	26°35	20°31	17°41	6°57	28°34	1° 3	5°32	6°32	5°32	15°12	11°10
S 6	18 58 40	14°26'13	6♁ 2	24°50	26°12	21°12	17°45	6°53	28°38	1° 3	5°33	6°22	5°29	15°19	11°17
S 7	19 2 37	15°23'24	19°59	24°19	25°51	21°53	17°49	6°49	28°41	1° 3	5°35	6°12	5°26	15°25	11°25
M 8	19 6 33	16°20'36	4♁ 5	23°45	25°32	22°34	17°53	6°45	28°45	1° 3	5°37	6° 4	5°22	15°32	11°32
T 9	19 10 30	17°17'47	18°14	23° 9	25°16	23°15	17°58	6°41	28°48	1° 2	5°38	5°59	5°19	15°39	11°39
W10	19 14 26	18°15'00	2♃25	22°31	25° 2	23°55	18° 2	6°37	28°52	1° 2	5°40	5°56	5°16	15°45	11°47
T 11	19 18 23	19°12'13	16°35	21°51	24°50	24°36	18° 7	6°33	28°55	1° 2	5°42	5°D55	5°13	15°52	11°54
F 12	19 22 20	20° 9'26	0♂42	21°11	24°41	25°16	18°12	6°29	28°59	1° 2	5°43	5°R56	5°10	15°58	12° 2
S 13	19 26 16	21° 6'41	14°45	20°31	24°34	25°57	18°17	6°24	29° 2	1° 1	5°45	5°55	5° 6	16° 5	12° 9
S 14	19 30 13	22° 3'56	28°45	19°51	24°30	26°37	18°22	6°20	29° 5	1° 1	5°47	5°54	5° 3	16°12	12°17
M15	19 34 9	23° 1'12	12II38	19°13	24°D28	27°18	18°27	6°16	29° 9	1° 1	5°49	5°50	5° 0	16°18	12°25
T 16	19 38 6	23°58'29	26°24	18°38	24°28	27°58	18°33	6°12	29°12	1° 0	5°50	5°43	4°57	16°25	12°32
W17	19 42 2	24°55'47	9♁59	18° 5	24°31	28°39	18°38	6° 7	29°15	1° 0	5°52	5°34	4°54	16°32	12°40
T 18	19 45 59	25°53'05	23°22	17°35	24°36	29°19	18°44	6° 3	29°19	0°59	5°54	5°22	4°51	16°38	12°48
F 19	19 49 55	26°50'23	6♁29	17°10	24°43	29°59	18°50	5°59	29°22	0°59	5°56	5°10	4°47	16°45	12°55
S 20	19 53 52	27°47'43	19°21	16°49	24°52	0♁39	18°56	5°54	29°25	0°58	5°57	4°57	4°44	16°52	13° 3
S 21	19 57 49	28°45'03	1♃55	16°33	25° 3	1°19	19° 2	5°50	29°29	0°58	5°59	4°46	4°41	16°58	13°11
M22	20 1 45	29°42'23	14°13	16°22	25°17	1°59	19° 8	5°45	29°32	0°57	6° 1	4°38	4°38	17° 5	13°18
T 23	20 5 42	0♁39'44	26°18	16°D17	25°32	2°39	19°15	5°41	29°35	0°57	6° 3	4°31	4°35	17°12	13°26
W24	20 9 38	1°37'05	8♁13	16°18	25°49	3°19	19°21	5°36	29°38	0°56	6° 4	4°28	4°31	17°18	13°34
T 25	20 13 35	2°34'27	20° 2	16°25	26° 8	3°59	19°28	5°32	29°41	0°55	6° 6	4°26	4°28	17°25	13°42
F 26	20 17 31	3°31'50	1III50	16°38	26°29	4°39	19°35	5°28	29°45	0°55	6° 8	4°26	4°25	17°32	13°50
S 27	20 21 28	4°29'13	13°44	16°58	26°52	5°19	19°42	5°23	29°48	0°54	6°10	4°26	4°22	17°38	13°57
S 28	20 25 24	5°26'37	25°48	17°23	27°16	5°59	19°49	5°19	29°51	0°53	6°11	4°25	4°19	17°45	14° 5
M29	20 29 21	6°24'01	8♁ 7	17°55	27°42	6°38	19°56	5°14	29°54	0°53	6°13	4°22	4°16	17°52	14°13
T 30	20 33 18	7°21'27	20°47	18°34	28° 9	7°18	20° 4	5°10	29°57	0°52	6°15	4°17	4°12	17°58	14°21
W31	20 37 14	8♁18'53	3♂49	19♁19	28II38	7♁57	20♁11	5♁ 5	29II59	0♃51	6♁17	4III 9	4III 9	18♁ 5	14♁29

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	23n 7	18s16	2n 0	18n 4	2s52	19n17	4s11	23n14	0n19	5s40	1n17	19s 7	0s38	23n40	0n12	0s52	1s24	24n36	5n51	13s54	13s27	7s32	11n39	6s 9
T 2	23 3	19 25	2 58	17 52	3 7	19 7	4 21	23 18	0 20	5 42	1 17	19 8	0 39	23 40	0 12	0 52	1 24	24 36	5 51	13 52	13 26	7 33	11 38	6 9
W 3	22 58	19 36	3 49	17 40	3 22	18 57	4 30	23 23	0 21	5 43	1 17	19 9	0 39	23 40	0 12	0 52	1 24	24 36	5 51	13 50	13 25	7 35	11 36	6 9
T 4	22 53	18 44	4 28	17 30	3 36	18 48	4 38	23 26	0 21	5 45	1 17	19 10	0 39	23 40	0 12	0 52	1 24	24 35	5 51	13 47	13 24	7 37	11 34	6 8
F 5	22 48	16 48	4 54	17 21	3 49	18 40	4 46	23 30	0 22	5 47	1 16	19 11	0 39	23 40	0 12	0 52	1 24	24 35	5 51	13 43	13 23	7 39	11 33	6 8
S 6	22 42	13 54	5 3	17 14	4 2	18 32	4 54	23 34	0 23	5 48	1 16	19 13	0 39	23 40	0 12	0 52	1 24	24 34	5 51	13 40	13 22	7 41	11 31	6 8
S 7	22 35	10 11	4 54	17 8	4 13	18 24	5 0	23 37	0 23	5 50	1 16	19 14	0 39	23 40	0 12	0 52	1 24	24 34	5 51	13 37	13 21	7 42	11 30	6 7
M 8	22 28	5 52	4 28	17 3	4 24	18 18	5 6	23 40	0 24	5 52	1 15	19 15	0 39	23 40	0 12	0 52	1 24	24 34	5 51	13 34	13 20	7 44	11 28	6 7
T 9	22 21	1 12	3 45	17 0	4 33	18 12	5 12	23 43	0 25	5 54	1 15	19 16	0 39	23 40	0 12	0 53	1 24	24 33	5 51	13 32	13 19	7 46	11 26	6 7
W10	22 14	3n32	2 48	16 59	4 40	18 6	5 17	23 45	0 25	5 56	1 15	19 17	0 39	23 40	0 12	0 53	1 24	24 33	5 51	13 31	13 18	7 48	11 25	6 6
T 11	22 6	8 5	1 41	16 59	4 46	18 1	5 21	23 48	0 26	5 58	1 15	19 18	0 40	23 40	0 12	0 53	1 24	24 32	5 51	13 31	13 17	7 50	11 23	6 6
F 12	21 58	12 10	0 28	17 1	4 51	17 57	5 25	23 50	0 26	6 0	1 14	19 19	0 40	23 40	0 12	0 53	1 25	24 32	5 51	13 31	13 16	7 51	11 21	6 6
S 13	21 49	15 33	0s47	17 4	4 54	17 54	5 28	23 52	0 27	6 2	1 14	19 21	0 40	23 40	0 12	0 53	1 25	24 32	5 51	13 31	13 15	7 53	11 19	6 5
S 14	21 40	18 0	1 58	17 8	4 55	17 51	5 31	23 54	0 28	6 4	1 14	19 22	0 40	23 40	0 12	0 53	1 25	24 31	5 51	13 30	13 14	7 55	11 18	6 5
M15	21 31	19 21	3 1	17 14	4 55	17 48	5 33	23 55	0 28	6 6	1 14	19 23	0 40	23 40	0 12	0 53	1 25	24 31	5 51	13 29	13 13	7 57	11 16	6 5
T 16	21 21	19 32	3 54	17 21	4 52	17 47	5 35	23 57	0 29	6 9	1 13	19 24	0 40	23 40	0 12	0 54	1 25	24 30	5 51	13 27	13 11	7 59	11 14	6 5
W17	21 11	18 35	4 32	17 29	4 49	17 45	5 37	23 58	0 30	6 11	1 13	19 25	0 40	23 40	0 12	0 54	1 25	24 30	5 51	13 24	13 10	8 0	11 12	6 4
T 18	21 0	16 37	4 54	17 38	4 43	17 45	5 38	23 59	0 30	6 14	1 13	19 26	0 40	23 40	0 12	0 54	1 25	24 30	5 51	13 20	13 9	8 2	11 10	6 4
F 19	20 49	13 49	5 1	17 48	4 36	17 44	5 38	24 0	0 31	6 16	1 13	19 28	0 40	23 40	0 12	0 54	1 25	24 29	5 51	13 16	13 8	8 4	11 8	6 4
S 20	20 38	10 25	4 52	17 59	4 28	17 45	5 38	24 0	0 32	6 18	1 12	19 29	0 40	23 40	0 12	0 55	1 25	24 29	5 51	13 12	13 7	8 6	11 7	6 3
S 21	20 27	6 38	4 28	18 11	4 18	17 45	5 38	24 0	0 32	6 21	1 12	19 30	0 41	23 40	0 12	0 55	1 25	24 28	5 51	13 8	13 6	8 8	11 5	6 3
M22	20 15	2 38	3 53	18 23	4 7	17 46	5 38	24 1	0 33	6 24	1 12	19 31	0 41	23 40	0 12	0 55	1 25	24 28	5 51	13 5	13 5	8 9	11 3	6 3
T 23	20 2	1s23	3 7	18 35	3 55	17 48	5 37	24 0	0 33	6 26	1 12	19 32	0 41	23 40	0 12	0 55	1 25	24 28	5 51	13 3	13 4	8 11	11 1	6 3
W24	19 50	5 19	2 14	18 48	3 42	17 49	5 35	24 0	0 34	6 29	1 12	19 33	0 41	23 40	0 12	0 56	1 25	24 27	5 52	13 2	13 3	8 13	10 59	6 3
T 25	19 37	9 1	1 16	19 1	3 29	17 51	5 34	24 0	0 35	6 32	1 11	19 35	0 41	23 41	0 12	0 56	1 25	24 27	5 52	13 1	13 2	8 15	10 57	6 2
F 26	19 24	12 21	0 14	19 13	3 14	17 54	5 32	23 59	0 35	6 35	1 11	19 36	0 41	23 41	0 12	0 56	1 25	24 26	5 52	13 1	13 1	8 16	10 55	6 2
S 27	19 10	15 12	0n49	19 26	3 0	17 56	5 30	23 58	0 36	6 37	1 11	19 37	0 41	23 41	0 12	0 57	1 25	24 26	5 52	13 1	13 0	8 18	10 53	6 2
S 28	18 56	17 27	1 51	19 38	2 44	17 59	5 28	23 57	0 37	6 40	1 11	19 38	0 41	23 41	0 12	0 57	1 25	24 26	5 52	13 1	12 59	8 20	10 51	6 2
M29	18 42	18 56	2 48	19 49	2 29	18 2	5 25	23 56	0 37															

SWISS EPHEMERIS for the year 1697

AUGUST 1697 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	20 41 11	9♈16'20	17♋15	20♌10	29♍ 9	8♎37	20♏19	5°R 1	0♐ 3	0°R50	6♑18	3°R59	4♒ 6	18♓12	14♔37
F 2	20 45 7	10°13'48	1♌ 4	21° 7	29°40	9°16	20°27	4♒56	0° 6	0°Y49	6°20	3♒48	4° 3	18°18	14°45
S 3	20 49 4	11°11'16	15°13	22°10	0♐14	9°56	20°34	4°52	0° 9	0°48	6°22	3°36	4° 0	18°25	14°53
S 4	20 53 0	12° 8'46	29°36	23°19	0°48	10°35	20°42	4°48	0°12	0°47	6°24	3°26	3°57	18°31	15° 1
M 5	20 56 57	13° 6'17	14♋ 7	24°33	1°24	11°15	20°51	4°43	0°14	0°46	6°25	3°17	3°53	18°38	15° 9
T 6	21 0 53	14° 3'50	28°39	25°53	2° 1	11°54	20°59	4°39	0°17	0°45	6°27	3°11	3°50	18°45	15°17
W 7	21 4 50	15° 1'23	13♋ 7	27°19	2°39	12°33	21° 7	4°34	0°20	0°44	6°29	3° 8	3°47	18°51	15°24
T 8	21 8 47	15°58'59	27°28	28°49	3°19	13°12	21°16	4°30	0°23	0°43	6°31	3°D 7	3°44	18°58	15°32
F 9	21 12 43	16°56'36	11♋37	0♎23	3°59	13°51	21°24	4°26	0°26	0°42	6°32	3°R 7	3°41	19° 5	15°40
S 10	21 16 40	17°54'14	25°36	2° 2	4°41	14°31	21°33	4°22	0°28	0°41	6°34	3° 7	3°37	19°11	15°48
S 11	21 20 36	18°51'54	9♍22	3°45	5°23	15°10	21°42	4°17	0°31	0°40	6°36	3° 5	3°34	19°18	15°56
M12	21 24 33	19°49'36	22°58	5°31	6° 7	15°49	21°51	4°13	0°34	0°39	6°38	3° 1	3°31	19°25	16° 4
T 13	21 28 29	20°47'19	6♌22	7°20	6°51	16°28	22° 0	4° 9	0°36	0°38	6°39	2°55	3°28	19°31	16°12
W14	21 32 26	21°45'04	19°34	9°12	7°36	17° 6	22° 9	4° 5	0°39	0°36	6°41	2°46	3°25	19°38	16°20
T 15	21 36 22	22°42'50	2♎35	11° 6	8°23	17°45	22°18	4° 1	0°41	0°35	6°43	2°35	3°22	19°45	16°28
F 16	21 40 19	23°40'38	15°23	13° 2	9°10	18°24	22°27	3°57	0°44	0°34	6°45	2°23	3°18	19°51	16°36
S 17	21 44 16	24°38'27	27°58	14°59	9°57	19° 3	22°37	3°52	0°46	0°33	6°46	2°12	3°15	19°58	16°44
S 18	21 48 12	25°36'17	10♎19	16°58	10°46	19°41	22°46	3°48	0°49	0°31	6°48	2° 1	3°12	20° 5	16°52
M19	21 52 9	26°34'09	22°29	18°57	11°35	20°20	22°56	3°45	0°51	0°30	6°50	1°53	3° 9	20°11	17° 0
T 20	21 56 5	27°32'03	4♌28	20°57	12°25	20°59	23° 6	3°41	0°53	0°29	6°51	1°47	3° 6	20°18	17° 8
W21	22 0 2	28°29'58	16°19	22°56	13°16	21°37	23°16	3°37	0°56	0°27	6°53	1°43	3° 3	20°24	17°16
T 22	22 3 58	29°27'54	28° 7	24°56	14° 8	22°16	23°25	3°33	0°58	0°26	6°55	1°D42	2°59	20°31	17°23
F 23	22 7 55	0♎25'51	9♍54	26°55	15° 0	22°54	23°36	3°29	1° 0	0°25	6°56	1°42	2°56	20°38	17°31
S 24	22 11 51	1°23'50	21°46	28°54	15°52	23°32	23°46	3°26	1° 2	0°23	6°58	1°43	2°53	20°44	17°39
S 25	22 15 48	2°21'50	3♌49	0♎52	16°46	24°11	23°56	3°22	1° 5	0°22	7° 0	1°R43	2°50	20°51	17°47
M26	22 19 44	3°19'52	16° 7	2°49	17°40	24°49	24° 6	3°18	1° 7	0°21	7° 1	1°42	2°47	20°58	17°55
T 27	22 23 41	4°17'55	28°46	4°45	18°34	25°27	24°16	3°15	1° 9	0°19	7° 3	1°39	2°43	21° 4	18° 3
W28	22 27 38	5°15'59	11♋50	6°40	19°29	26° 5	24°27	3°11	1°11	0°18	7° 4	1°34	2°40	21°11	18°10
T 29	22 31 34	6°14'05	25°21	8°34	20°25	26°43	24°37	3° 8	1°13	0°16	7° 6	1°27	2°37	21°18	18°18
F 30	22 35 31	7°12'13	9♌18	10°28	21°21	27°21	24°48	3° 5	1°15	0°15	7° 8	1°19	2°34	21°24	18°26
S 31	22 39 27	8♎10'22	23♌41	12♎20	22♌17	27♌59	24♌59	3♌ 2	1♐17	0°Y13	7♎ 9	1♎11	2♎31	21♌31	18♌34

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	17n58	17s36	4n48	20n18	1s41	18n12	5s16	23n51	0n39	6s52	1n10	19s43	0s42	23n41	0n12	0s59	1s26	24n24	5n52	12s52	12s54	8s27	10n42	6s 1
F 2	17 42	15 4	5 1	20 25	1 25	18 15	5 13	23 49	0 40	6 56	1 9	19 44	0 42	23 41	0 12	0 59	1 26	24 24	5 52	12 48	12 53	8 29	10 40	6 1
S 3	17 27	11 36	4 55	20 30	1 9	18 19	5 10	23 47	0 40	6 59	1 9	19 45	0 42	23 41	0 12	0 59	1 26	24 23	5 52	12 44	12 52	8 31	10 38	6 1
S 4	17 11	7 24	4 31	20 34	0 54	18 22	5 6	23 44	0 41	7 2	1 9	19 46	0 42	23 41	0 12	1 0	1 26	24 23	5 52	12 41	12 51	8 32	10 36	6 1
M 5	16 55	2 45	3 49	20 36	0 39	18 26	5 2	23 42	0 42	7 5	1 9	19 47	0 42	23 41	0 12	1 0	1 26	24 23	5 52	12 38	12 50	8 34	10 34	6 1
T 6	16 38	2n 5	2 52	20 36	0 25	18 30	4 58	23 39	0 42	7 8	1 9	19 49	0 42	23 41	0 12	1 1	1 26	24 22	5 52	12 36	12 49	8 36	10 32	6 1
W 7	16 21	6 47	1 44	20 33	0 11	18 33	4 54	23 36	0 43	7 12	1 8	19 50	0 42	23 41	0 12	1 1	1 26	24 22	5 53	12 35	12 48	8 38	10 30	6 1
T 8	16 4	11 3	0 30	20 29	0n 3	18 36	4 50	23 33	0 44	7 15	1 8	19 51	0 42	23 41	0 12	1 1	1 26	24 21	5 53	12 34	12 47	8 39	10 27	6 1
F 9	15 47	14 38	0s45	20 21	0 16	18 40	4 45	23 29	0 44	7 19	1 8	19 52	0 42	23 41	0 12	1 2	1 26	24 21	5 53	12 34	12 46	8 41	10 25	6 0
S 10	15 29	17 18	1 56	20 11	0 28	18 43	4 41	23 26	0 45	7 22	1 8	19 53	0 42	23 41	0 12	1 2	1 26	24 21	5 53	12 34	12 45	8 43	10 23	6 0
S 11	15 12	18 56	3 0	19 59	0 39	18 46	4 36	23 22	0 45	7 25	1 8	19 54	0 42	23 41	0 12	1 3	1 26	24 20	5 53	12 34	12 44	8 45	10 21	6 0
M12	14 53	19 26	3 52	19 43	0 49	18 49	4 32	23 18	0 46	7 29	1 7	19 55	0 42	23 41	0 12	1 3	1 26	24 20	5 53	12 32	12 42	8 46	10 18	6 0
T 13	14 35	18 49	4 31	19 25	0 59	18 51	4 27	23 14	0 47	7 32	1 7	19 56	0 42	23 41	0 12	1 4	1 26	24 20	5 53	12 30	12 41	8 48	10 16	6 0
W14	14 17	17 11	4 54	19 4	1 8	18 54	4 22	23 10	0 47	7 36	1 7	19 57	0 42	23 41	0 12	1 4	1 26	24 19	5 53	12 27	12 40	8 50	10 14	6 0
T 15	13 58	14 42	5 2	18 41	1 15	18 56	4 17	23 5	0 48	7 40	1 7	19 58	0 42	23 41	0 12	1 5	1 26	24 19	5 53	12 23	12 39	8 51	10 12	6 0
F 16	13 39	11 33	4 55	18 15	1 22	18 58	4 12	23 1	0 49	7 43	1 7	19 59	0 43	23 41	0 12	1 5	1 26	24 19	5 54	12 19	12 38	8 53	10 9	6 0
S 17	13 20	7 56	4 33	17 46	1 28	19 0	4 7	22 56	0 49	7 47	1 6	20 0	0 43	23 41	0 12	1 6	1 26	24 18	5 54	12 15	12 37	8 55	10 7	6 0
S 18	13 0	4 2	3 58	17 15	1 33	19 1	4 2	22 51	0 50	7 51	1 6	20 1	0 43	23 41	0 12	1 7	1 26	24 18	5 54	12 12	12 36	8 57	10 5	6 0
M19	12 41	0 2	3 13	16 43	1 38	19 2	3 57	22 46	0 50	7 54	1 6	20 2	0 43	23 41	0 12	1 7	1 26	24 18	5 54	12 9	12 35	8 58	10 2	6 0
T 20	12 21	3s55	2 20	16 8	1 41	19 3	3 52	22 41	0 51	7 58	1 6	20 3	0 43	23 41	0 12	1 8	1 26	24 17	5 54	12 7	12 34	9 0	10 0	6 0
W21	12 1	7 41	1 21	15 31	1 43	19 4	3 46	22 35	0 52	8 2	1 6	20 4	0 43	23 41	0 12	1 8	1 26	24 17	5 54	12 5	12 33	9 2	9 58	6 0
T 22	11 41	11 7	0 19	14 53	1 45	19 4	3 41	22 30	0 52	8 6	1 6	20 5	0 43	23 41	0 12	1 9	1 26	24 17	5 54	12 5	12 32	9 4	9 55	6 0
F 23	11 20	14 7	0n44	14 13	1 46	19 4	3 36	22 24	0 53	8 10	1 5	20 6	0 43	23 41	0 12	1 9	1 26	24 16	5 54	12 5	12 31	9 5	9 53	6 0
S 24	11 0	16 32	1 46	13 32	1 46	19 3	3 30	22 18	0 54	8 14	1 5	20 7	0 43	23 41	0 12	1 10	1 26	24 16	5 55	12 5	12 29	9 7	9 50	6 0
S 25	10 39	18 16	2 43	12 50	1 46	19 2	3 25	22 12	0 54	8 18	1 5	20 8	0 43	23 41	0 12	1 11	1 26	24 16	5 55	12 5	12 28	9 9	9 48	6 0
M26	10 18	19 11	3 35	12 7	1 45	19 1	3 19	22 6	0 55	8 21	1 5	20 9	0 43	23 41	0 12	1 11	1 26	24 16	5 55	12 5	12 27	9 10	9 46	6 0
T 27	9 57	19 10	4 18	11 23	1 43	18 59	3 14	21 59	0 55	8 25	1 5	20 10	0 43	23 41	0 13	1 12	1 26	24 15	5 55	12 4	12 26	9 12	9 43	6 0
W28	9 36	18 9	4 49	10 38	1 41	18 57	3 8	21 53	0 56	8 29	1 4	20 10	0 43	23 41	0 13	1 12	1 27	24 15	5 55	12 2	12 25	9 14	9 41	6 1
T 29	9 14	16 6	5 5	9 53	1 38	18 55	3 3	21 46	0 57	8 33	1 4	20 11	0 43	23 41	0 13	1 13	1 27	24 15	5 55	12 0				

SWISS EPHEMERIS for the year 1697

SEPTEMBER 1697 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	22 43 24	9 ^h 8'32"	8 ^h 22'	14 ^h 10'	23 ^h 51'	28 ^h 37'	25 ^h 10'	2°R58	1 ^h 18'	0°R12	7 ^h 11'	1°R 3	2 ^h 28'	21 ^h 38'	18 ^h 41'
M 2	22 47 20	10° 6'44"	23° 15'	16° 0'	24° 12'	29° 15'	25° 20'	2 ^h 55'	1° 20'	0°Y10	7° 12'	0 ^h 57'	2° 24'	21° 44'	18° 49'
T 3	22 51 17	11° 4'59"	8°Y11'	17° 49'	25° 10'	29° 53'	25° 31'	2° 52'	1° 22'	0° 9'	7° 14'	0° 53'	2° 21'	21° 51'	18° 57'
W 4	22 55 13	12° 3'15"	23° 2'	19° 36'	26° 9'	0 ^h 23'	25° 42'	2° 49'	1° 24'	0° 7'	7° 15'	0° 51'	2° 18'	21° 58'	19° 4'
T 5	22 59 10	13° 1'33"	7 ^h 41'	21° 22'	27° 7'	1° 9'	25° 54'	2° 46'	1° 25'	0° 5'	7° 17'	0°D51	2° 15'	22° 4'	19° 12'
F 6	23 3 7	13°59'53"	22° 4'	23° 7'	28° 7'	1° 46'	26° 5'	2° 44'	1° 27'	0° 4'	7° 18'	0° 52'	2° 12'	22° 11'	19° 19'
S 7	23 7 3	14°58'16"	6 ^h 11'	24° 51'	29° 7'	2° 24'	26° 16'	2° 41'	1° 28'	0° 2'	7° 20'	0° 53'	2° 8'	22° 17'	19° 27'
S 8	23 11 0	15°56'40"	19° 54'	26° 34'	0 ^h 7'	3° 1'	26° 27'	2° 38'	1° 30'	0° 1'	7° 21'	0°R53	2° 5'	22° 24'	19° 35'
M 9	23 14 56	16°55'07"	3 ^h 21'	28° 16'	1° 7'	3° 39'	26° 39'	2° 36'	1° 31'	29°K59	7° 23'	0° 52'	2° 2'	22° 31'	19° 42'
T 10	23 18 53	17°53'36"	16° 32'	29° 57'	2° 8'	4° 16'	26° 50'	2° 33'	1° 33'	29° 57'	7° 24'	0° 48'	1° 59'	22° 37'	19° 49'
W 11	23 22 49	18°52'08"	29° 28'	1 ^h 36'	3° 10'	4° 54'	27° 2'	2° 31'	1° 34'	29° 56'	7° 25'	0° 43'	1° 56'	22° 44'	19° 57'
T 12	23 26 46	19°50'41"	12 ^h 9'	3° 15'	4° 11'	5° 31'	27° 13'	2° 29'	1° 36'	29° 54'	7° 27'	0° 37'	1° 53'	22° 51'	20° 4'
F 13	23 30 42	20°49'16"	24° 39'	4° 52'	5° 13'	6° 9'	27° 25'	2° 26'	1° 37'	29° 53'	7° 28'	0° 30'	1° 49'	22° 57'	20° 12'
S 14	23 34 39	21°47'54"	6 ^h 57'	6° 29'	6° 15'	6° 46'	27° 36'	2° 24'	1° 38'	29° 51'	7° 29'	0° 23'	1° 46'	23° 4'	20° 19'
S 15	23 38 36	22°46'33"	19° 6'	8° 4'	7° 18'	7° 23'	27° 48'	2° 22'	1° 39'	29° 49'	7° 31'	0° 16'	1° 43'	23° 11'	20° 26'
M 16	23 42 32	23°45'14"	1 ^h 6'	9° 39'	8° 21'	8° 0'	28° 0'	2° 20'	1° 40'	29° 48'	7° 32'	0° 11'	1° 40'	23° 17'	20° 33'
T 17	23 46 29	24°43'58"	12° 58'	11° 12'	9° 24'	8° 37'	28° 12'	2° 18'	1° 41'	29° 46'	7° 33'	0° 8'	1° 37'	23° 24'	20° 41'
W 18	23 50 25	25°42'43"	24° 46'	12° 45'	10° 28'	9° 14'	28° 24'	2° 17'	1° 42'	29° 44'	7° 35'	0°D 6'	1° 34'	23° 31'	20° 48'
T 19	23 54 22	26°41'30"	6 ^h 32'	14° 16'	11° 32'	9° 51'	28° 36'	2° 15'	1° 43'	29° 43'	7° 36'	0° 6'	1° 30'	23° 37'	20° 55'
F 20	23 58 18	27°40'19"	18° 19'	15° 47'	12° 36'	10° 28'	28° 48'	2° 13'	1° 44'	29° 41'	7° 37'	0° 8'	1° 27'	23° 44'	21° 2'
S 21	0 2 15	28°39'10"	0 ^h 12'	17° 16'	13° 40'	11° 5'	29° 0'	2° 12'	1° 45'	29° 39'	7° 38'	0° 9'	1° 24'	23° 51'	21° 9'
S 22	0 6 11	29°38'03"	12° 14'	18° 45'	14° 45'	11° 42'	29° 12'	2° 10'	1° 46'	29° 38'	7° 40'	0° 11'	1° 21'	23° 57'	21° 16'
M 23	0 10 8	0 ^h 36'57"	24° 30'	20° 13'	15° 50'	12° 18'	29° 24'	2° 9'	1° 47'	29° 36'	7° 41'	0° 12'	1° 18'	24° 4'	21° 23'
T 24	0 14 4	1°35'53"	7 ^h 6'	21° 39'	16° 55'	12° 55'	29° 37'	2° 8'	1° 48'	29° 34'	7° 42'	0°R12	1° 14'	24° 10'	21° 30'
W 25	0 18 1	2°34'51"	20° 5'	23° 5'	18° 1'	13° 31'	29° 49'	2° 7'	1° 48'	29° 33'	7° 43'	0° 11'	1° 11'	24° 17'	21° 37'
T 26	0 21 58	3°33'51"	3 ^h 31'	24° 30'	19° 6'	14° 8'	0 ^h 1'	2° 6'	1° 49'	29° 31'	7° 44'	0° 9'	1° 8'	24° 24'	21° 43'
F 27	0 25 54	4°32'52"	17° 25'	25° 53'	20° 12'	14° 44'	0° 14'	2° 5'	1° 49'	29° 29'	7° 45'	0° 5'	1° 5'	24° 30'	21° 50'
S 28	0 29 51	5°31'55"	1 ^h 47'	27° 16'	21° 18'	15° 21'	0° 26'	2° 4'	1° 50'	29° 28'	7° 46'	0° 2'	1° 2'	24° 37'	21° 57'
S 29	0 33 47	6°31'01"	16° 32'	28° 37'	22° 25'	15° 57'	0° 39'	2° 3'	1° 50'	29° 26'	7° 47'	29° 59'	0° 59'	24° 44'	22° 3'
M 30	0 37 44	7° 30'07"	1°Y34'	29° 58'	23° 31'	16° 33'	0 ^h 51'	2 ^h 3'	1° 51'	29° 24'	7° 48'	29° 56'	0 ^h 55'	24° 50'	22° 10'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	8n 9	4s40	4n 4	7n35	1n27	18n45	2s46	21n25	0n58	8s46	1n 4	20s14	0s43	23n41	0n13	1s15	1s27	24n14	5n56	11s51	12s21	9s21	9n31	6s 1
M 2	7 47	0n12	3 8	6 48	1 23	18 40	2 41	21 18	0 59	8 50	1 4	20 14	0 43	23 41	0 13	1 15	1 27	24 14	5 56	11 49	12 20	9 22	9 29	6 1
T 3	7 25	5 5	1 59	6 1	1 18	18 36	2 35	21 11	1 0	8 54	1 4	20 15	0 43	23 41	0 13	1 16	1 27	24 13	5 56	11 48	12 19	9 24	9 26	6 1
W 4	7 3	9 37	0 42	5 15	1 13	18 30	2 29	21 3	1 0	8 58	1 3	20 16	0 43	23 41	0 13	1 17	1 27	24 13	5 56	11 47	12 17	9 26	9 24	6 1
T 5	6 41	13 31	0s37	4 28	1 8	18 25	2 24	20 56	1 1	9 2	1 3	20 16	0 43	23 41	0 13	1 17	1 27	24 13	5 56	11 47	12 16	9 27	9 21	6 2
F 6	6 18	16 30	1 52	3 41	1 2	18 19	2 18	20 48	1 2	9 6	1 3	20 17	0 43	23 41	0 13	1 18	1 27	24 13	5 56	11 47	12 15	9 29	9 19	6 2
S 7	5 56	18 25	2 59	2 54	0 56	18 12	2 13	20 40	1 2	9 11	1 3	20 18	0 44	23 41	0 13	1 19	1 27	24 13	5 57	11 48	12 14	9 31	9 17	6 2
S 8	5 33	19 12	3 54	2 8	0 50	18 5	2 7	20 32	1 3	9 15	1 3	20 18	0 44	23 41	0 13	1 19	1 27	24 12	5 57	11 48	12 13	9 32	9 14	6 2
M 9	5 10	18 51	4 35	1 21	0 43	17 58	2 2	20 24	1 3	9 19	1 3	20 19	0 44	23 41	0 13	1 20	1 27	24 12	5 57	11 47	12 12	9 34	9 12	6 2
T 10	4 48	17 29	5 0	0 35	0 37	17 50	1 56	20 15	1 4	9 23	1 2	20 20	0 44	23 41	0 13	1 21	1 27	24 12	5 57	11 46	12 11	9 36	9 9	6 2
W 11	4 25	15 15	5 10	0s11	0 30	17 41	1 51	20 7	1 5	9 28	1 2	20 20	0 44	23 41	0 13	1 21	1 27	24 12	5 57	11 45	12 10	9 37	9 7	6 3
T 12	4 2	12 19	5 4	0 56	0 23	17 32	1 45	19 58	1 5	9 32	1 2	20 21	0 44	23 41	0 13	1 22	1 27	24 12	5 58	11 42	12 9	9 39	9 4	6 3
F 13	3 39	8 53	4 43	1 41	0 16	17 23	1 40	19 50	1 6	9 36	1 2	20 21	0 44	23 41	0 13	1 23	1 27	24 11	5 58	11 40	12 8	9 41	9 2	6 3
S 14	3 15	5 6	4 9	2 26	0 9	17 13	1 34	19 41	1 7	9 40	1 2	20 22	0 44	23 41	0 13	1 23	1 27	24 11	5 58	11 37	12 6	9 42	8 59	6 3
S 15	2 52	1 11	3 25	3 10	0 2	17 2	1 29	19 32	1 7	9 45	1 2	20 22	0 44	23 41	0 13	1 24	1 27	24 11	5 58	11 35	12 5	9 44	8 57	6 3
M 16	2 29	2s45	2 32	3 54	0s 5	16 51	1 24	19 23	1 8	9 49	1 2	20 23	0 44	23 41	0 13	1 25	1 27	24 11	5 58	11 33	12 4	9 46	8 54	6 4
T 17	2 6	6 33	1 32	4 38	0 13	16 40	1 18	19 14	1 8	9 54	1 2	20 23	0 44	23 41	0 13	1 25	1 27	24 11	5 58	11 32	12 3	9 47	8 52	6 4
W 18	1 42	10 4	0 29	5 21	0 20	16 28	1 13	19 5	1 9	9 58	1 1	20 24	0 44	23 41	0 13	1 26	1 27	24 10	5 59	11 32	12 2	9 49	8 49	6 4
T 19	1 19	13 10	0n35	6 3	0 27	16 16	1 8	18 56	1 10	10 2	1 1	20 24	0 44	23 41	0 13	1 27	1 27	24 10	5 59	11 32	12 1	9 51	8 47	6 4
F 20	0 56	15 44	1 38	6 45	0 35	16 3	1 3	18 46	1 10	10 7	1 1	20 24	0 44	23 41	0 13	1 27	1 27	24 10	5 59	11 32	12 0	9 52	8 45	6 5
S 21	0 32	17 39	2 38	7 27	0 42	15 50	0 58	18 37	1 11	10 11	1 1	20 25	0 44	23 41	0 13	1 28	1 27	24 10	5 59	11 33	11 59	9 54	8 42	6 5
S 22	0 9	18 48	3 31	8 8	0 50	15 36	0 52	18 27	1 12	10 15	1 1	20 25	0 44	23 41	0 13	1 29	1 27	24 10	5 59	11 33	11 58	9 55	8 40	6 5
M 23	0s15	19 6	4 16	8 48	0 57	15 22	0 47	18 17	1 12	10 20	1 1	20 25	0 44	23 41	0 13	1 29	1 27	24 10	6 0	11 34	11 57	9 57	8 37	6 6
T 24	0 38	18 28	4 50	9 27	1 5	15 7	0 42	18 8	1 13	10 24	1 1	20 26	0 44	23 41	0 13	1 30	1 27	24 10	6 0	11 34	11 55	9 59	8 35	6 6
W 25	1 2	16 52	5 10	10 6	1 12	14 52	0 37	17 58	1 13	10 29	1 1	20 26	0 44	23 41	0 13	1 31	1 27	24 10	6 0	11 33	11 54	10 0	8 32	6 6
T 26	1 25	14 18	5 14	10 44	1 19	14 36	0 33	17 48	1 14	10 33	1 1	20 26	0 44	23 41	0 13	1 31	1 27	24 9	6 0	11 32	11 53	10 2	8 30	6 6
F 27	1 49	10 52	5 1	11 22	1 27	14 20	0 28	17 38	1 15	10 38	1 0	20 26	0 44	23 41	0 13	1 32	1 27	24 9	6 0	11 31	11 52	10 4	8 28	6 7
S 28	2 12	6 41	4 28	11 58	1 34	14 3	0 23	17 27	1 15	10 42	1 0	20 27	0 44	23 41	0 13									

SWISS EPHEMERIS for the year 1697

OCTOBER 1697 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 41 40	8♂29'16	16♀45	1♂17	24♁38	17♁10	1♂ 4	2°R 2	1♂51	29°R23	7♁49	29°R55	0♂52	24♂57	22♁16
W 2	0 45 37	9°28'28	1♂54	2°34	25°45	17°46	1°16	2♂ 2	1°51	29°R21	7°50	29°D54	0°49	25° 4	22°23
T 3	0 49 33	10°27'41	16°53	3°51	26°53	18°22	1°29	2° 1	1°52	29°19	7°51	29°R55	0°46	25°10	22°29
F 4	0 53 30	11°26'57	1♂34	5° 6	28° 0	18°58	1°42	2° 1	1°52	29°18	7°52	29°56	0°43	25°17	22°36
S 5	0 57 27	12°26'15	15°53	6°20	29° 8	19°34	1°54	2° 1	1°52	29°16	7°53	29°57	0°40	25°24	22°42
S 6	1 1 23	13°25'35	29°48	7°32	0♂16	20°10	2° 7	2°D 1	1°52	29°15	7°54	29°58	0°36	25°30	22°48
M 7	1 5 20	14°24'58	13♂18	8°42	1°24	20°45	2°20	2° 1	1°R52	29°13	7°55	29°R59	0°33	25°37	22°54
T 8	1 9 16	15°24'23	26°26	9°50	2°32	21°21	2°33	2° 1	1°52	29°11	7°56	29°58	0°30	25°43	23° 0
W 9	1 13 13	16°23'50	9♁13	10°57	3°40	21°57	2°45	2° 1	1°52	29°10	7°57	29°57	0°27	25°50	23° 6
T 10	1 17 9	17°23'20	21°44	12° 1	4°49	22°32	2°58	2° 2	1°52	29° 8	7°57	29°56	0°24	25°57	23°12
F 11	1 21 6	18°22'52	4♂ 0	13° 3	5°58	23° 8	3°11	2° 2	1°52	29° 7	7°58	29°54	0°20	26° 3	23°18
S 12	1 25 2	19°22'26	16° 6	14° 2	7° 7	23°43	3°24	2° 3	1°51	29° 5	7°59	29°52	0°17	26°10	23°24
S 13	1 28 59	20°22'02	28° 3	14°58	8°16	24°19	3°37	2° 3	1°51	29° 4	8° 0	29°51	0°14	26°17	23°30
M14	1 32 56	21°21'41	9♂55	15°51	9°25	24°54	3°50	2° 4	1°51	29° 2	8° 0	29°50	0°11	26°23	23°35
T 15	1 36 52	22°21'21	21°43	16°41	10°35	25°29	4° 3	2° 5	1°50	29° 1	8° 1	29°50	0° 8	26°30	23°41
W16	1 40 49	23°21'04	3♂30	17°26	11°45	26° 5	4°16	2° 6	1°50	28°59	8° 2	29°D50	0° 5	26°37	23°46
T 17	1 44 45	24°20'48	15°18	18° 8	12°54	26°40	4°29	2° 7	1°49	28°58	8° 2	29°50	0° 1	26°43	23°52
F 18	1 48 42	25°20'35	27° 9	18°45	14° 4	27°15	4°42	2° 8	1°49	28°56	8° 3	29°50	29♂58	26°50	23°57
S 19	1 52 38	26°20'23	9♂ 6	19°16	15°14	27°50	4°55	2°10	1°48	28°55	8° 4	29°51	29°55	26°57	24° 2
S 20	1 56 35	27°20'14	21°12	19°42	16°25	28°24	5° 8	2°11	1°47	28°53	8° 4	29°51	29°52	27° 3	24° 8
M21	2 0 31	28°20'06	3♂31	20° 1	17°35	28°59	5°21	2°13	1°47	28°52	8° 5	29°51	29°49	27°10	24°13
T 22	2 4 28	29°19'59	16° 6	20°14	18°45	29°34	5°34	2°14	1°46	28°50	8° 5	29°51	29°45	27°17	24°18
W23	2 8 25	0♂19'55	29° 0	20°R19	19°56	0♂ 8	5°48	2°16	1°45	28°49	8° 6	29°51	29°42	27°23	24°23
T 24	2 12 21	1°19'51	12♂17	20°16	21° 7	0°43	6° 1	2°18	1°44	28°48	8° 6	29°51	29°39	27°30	24°28
F 25	2 16 18	2°19'50	26° 0	20° 4	22°18	1°17	6°14	2°19	1°43	28°46	8° 6	29°52	29°36	27°36	24°32
S 26	2 20 14	3°19'50	10♂ 9	19°43	23°29	1°52	6°27	2°21	1°42	28°45	8° 7	29°52	29°33	27°43	24°37
S 27	2 24 11	4°19'52	24°43	19°13	24°40	2°26	6°40	2°23	1°41	28°44	8° 7	29°52	29°30	27°50	24°42
M28	2 28 7	5°19'55	9♀37	18°33	25°51	3° 0	6°53	2°26	1°40	28°43	8° 7	29°53	29°26	27°56	24°46
T 29	2 32 4	6°20'00	24°45	17°44	27° 2	3°34	7° 6	2°28	1°39	28°41	8° 8	29°R53	29°23	28° 3	24°51
W30	2 36 0	7°20'07	9♂59	16°46	28°14	4° 8	7°20	2°30	1°38	28°40	8° 8	29°53	29°20	28°10	24°55
T 31	2 39 57	8♂20'16	25♂ 7	15♂41	29♂25	4♂42	7♂33	2♂33	1♂37	28♂39	8♂ 8	29♂52	29♂17	28♂16	24♂59

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	3s22	7n42	1n12	13s44	1s55	13n11	0s 9	16n56	1n17	10s55	1n 0	20s27	0s44	23n41	0n13
W 2	3 46	11 59	0s11	14 17	2 1	12 53	0 5	16 46	1 18	11 0	1 0	20 27	0 44	23 41	0 13
T 3	4 9	15 26	1 33	14 50	2 8	12 34	0 0	16 35	1 18	11 4	1 0	20 27	0 44	23 41	0 13
F 4	4 32	17 47	2 46	15 21	2 14	12 15	0n 4	16 25	1 19	11 9	1 0	20 27	0 44	23 41	0 13
S 5	4 55	18 57	3 48	15 51	2 20	11 56	0 9	16 14	1 20	11 13	1 0	20 27	0 44	23 41	0 13
S 6	5 18	18 54	4 34	16 21	2 26	11 36	0 13	16 3	1 20	11 18	1 0	20 27	0 44	23 41	0 13
M 7	5 42	17 46	5 4	16 49	2 32	11 16	0 17	15 53	1 21	11 22	0 59	20 27	0 44	23 41	0 13
T 8	6 5	15 43	5 16	17 16	2 37	10 55	0 21	15 42	1 22	11 27	0 59	20 27	0 44	23 41	0 13
W 9	6 27	12 57	5 13	17 42	2 42	10 34	0 25	15 31	1 22	11 31	0 59	20 27	0 44	23 41	0 13
T 10	6 50	9 38	4 54	18 7	2 47	10 13	0 29	15 20	1 23	11 36	0 59	20 27	0 44	23 41	0 13
F 11	7 13	5 58	4 23	18 30	2 51	9 51	0 33	15 9	1 24	11 40	0 59	20 27	0 44	23 41	0 13
S 12	7 36	2 7	3 40	18 52	2 55	9 29	0 37	14 57	1 24	11 45	0 59	20 27	0 44	23 41	0 13
S 13	7 58	1s47	2 48	19 12	2 59	9 6	0 40	14 46	1 25	11 49	0 59	20 27	0 44	23 41	0 13
M14	8 21	5 36	1 48	19 30	3 2	8 44	0 44	14 35	1 25	11 53	0 59	20 27	0 44	23 41	0 13
T 15	8 43	9 10	0 45	19 47	3 4	8 21	0 48	14 24	1 26	11 58	0 59	20 26	0 44	23 41	0 14
W16	9 5	12 23	0n20	20 2	3 6	7 57	0 51	14 12	1 27	12 2	0 59	20 26	0 44	23 41	0 14
T 17	9 27	15 6	1 25	20 14	3 7	7 34	0 54	14 1	1 27	12 7	0 59	20 26	0 44	23 41	0 14
F 18	9 49	17 11	2 26	20 25	3 7	7 10	0 58	13 50	1 28	12 11	0 59	20 26	0 44	23 41	0 14
S 19	10 11	18 32	3 22	20 33	3 6	6 46	1 1	13 38	1 29	12 16	0 59	20 25	0 44	23 41	0 14
S 20	10 32	19 3	4 9	20 39	3 4	6 21	1 4	13 27	1 29	12 20	0 59	20 25	0 44	23 41	0 14
M21	10 54	18 41	4 45	20 41	3 2	5 57	1 7	13 15	1 30	12 25	0 58	20 25	0 44	23 41	0 14
T 22	11 15	17 23	5 9	20 41	2 58	5 32	1 10	13 3	1 31	12 29	0 58	20 24	0 44	23 42	0 14
W23	11 36	15 12	5 18	20 38	2 53	5 6	1 13	12 52	1 31	12 33	0 58	20 24	0 44	23 42	0 14
T 24	11 57	12 10	5 11	20 31	2 46	4 41	1 15	12 40	1 32	12 38	0 58	20 24	0 44	23 42	0 14
F 25	12 18	8 23	4 46	20 20	2 38	4 15	1 18	12 29	1 33	12 42	0 58	20 23	0 44	23 42	0 14
S 26	12 39	4 1	4 3	20 5	2 29	3 50	1 21	12 17	1 33	12 47	0 58	20 23	0 44	23 42	0 14
S 27	12 59	0n42	3 4	19 45	2 17	3 24	1 23	12 5	1 34	12 51	0 58	20 22	0 44	23 42	0 14
M28	13 19	5 30	1 50	19 22	2 4	2 58	1 26	11 53	1 35	12 55	0 58	20 22	0 44	23 42	0 14
T 29	13 39	10 3	0 29	18 54	1 50	2 31	1 28	11 42	1 35	13 0	0 58	20 21	0 44	23 42	0 14
W30	13 59	13 57	0s56	18 22	1 33	2 5	1 30	11 30	1 36	13 4	0 58	20 21	0 44	23 42	0 14
T 31	14s18	16n53	2s16	17s46	1s15	1n38	1n32	11n18	1n37	13s 8	0n58	20s20	0s44	23n42	0n14

Julian Day Number = 2341150.5, Delta T = 7.80 sec
 Ecliptic obliquity = 23°28'36, Nutation = 0°00'08
 Ayanamsha: Fagan/Bradley = 20°31'16, Lahiri = 19°38'16Greg. Calendar

SWISS EPHEMERIS for the year 1697

NOVEMBER 1697 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	2 43 53	9M20'27	10II 3	14°R28	0Ω37	5M16	7M46	2≈35	1°R36	28°R38	8Ω 8	29°R51	29Ω14	28Ω23	25Ω 3
S 2	2 47 50	10°20'40	24°36	13M12	1°49	5°50	7°59	2°38	1Ω34	28°K37	8° 9	29Ω50	29°11	28°30	25° 7
S 3	2 51 47	11°20'55	8Ω44	11°52	3° 1	6°23	8°12	2°41	1°33	28°35	8° 9	29°49	29° 7	28°36	25°11
M 4	2 55 43	12°21'12	22°25	10°33	4°13	6°57	8°25	2°43	1°32	28°34	8° 9	29°48	29° 4	28°43	25°15
T 5	2 59 40	13°21'31	5Ω38	9°17	5°25	7°30	8°39	2°46	1°30	28°33	8° 9	29°47	29° 1	28°50	25°19
W 6	3 3 36	14°21'51	18°26	8° 6	6°37	8° 4	8°52	2°49	1°29	28°32	8° 9	29°D47	28°58	28°56	25°23
T 7	3 7 33	15°22'14	0M53	7° 2	7°49	8°37	9° 5	2°53	1°27	28°31	8° 9	29°47	28°55	29° 3	25°26
F 8	3 11 29	16°22'39	13° 4	6° 7	9° 2	9°10	9°18	2°56	1°26	28°30	8°R 9	29°49	28°51	29° 9	25°30
S 9	3 15 26	17°23'05	25° 3	5°23	10°14	9°43	9°31	2°59	1°24	28°29	8° 9	29°50	28°48	29°16	25°33
S 10	3 19 22	18°23'34	6Ω55	4°50	11°27	10°16	9°44	3° 2	1°22	28°28	8° 9	29°52	28°45	29°23	25°37
M11	3 23 19	19°24'04	18°42	4°28	12°40	10°49	9°57	3° 6	1°21	28°27	8° 9	29°53	28°42	29°29	25°40
T 12	3 27 16	20°24'36	0M28	4°D19	13°52	11°21	10°10	3° 9	1°19	28°26	8° 9	29°R53	28°39	29°36	25°43
W13	3 31 12	21°25'09	12°17	4°20	15° 5	11°54	10°24	3°13	1°17	28°26	8° 9	29°53	28°36	29°43	25°46
T 14	3 35 9	22°25'45	24°10	4°33	16°18	12°26	10°37	3°17	1°15	28°25	8° 9	29°51	28°32	29°49	25°49
F 15	3 39 5	23°26'21	6K10	4°55	17°31	12°59	10°50	3°21	1°13	28°24	8° 9	29°48	28°29	29°56	25°52
S 16	3 43 2	24°27'00	18°18	5°26	18°44	13°31	11° 3	3°24	1°12	28°23	8° 8	29°44	28°26	0M 3	25°54
S 17	3 46 58	25°27'39	0Ω35	6° 5	19°57	14° 3	11°16	3°28	1°10	28°22	8° 8	29°39	28°23	0° 9	25°57
M18	3 50 55	26°28'20	13° 4	6°52	21°10	14°35	11°29	3°32	1° 8	28°22	8° 8	29°35	28°20	0°16	25°59
T 19	3 54 51	27°29'02	25°46	7°45	22°24	15° 7	11°42	3°37	1° 6	28°21	8° 8	29°31	28°17	0°23	26° 2
W20	3 58 48	28°29'45	8≈43	8°43	23°37	15°39	11°55	3°41	1° 4	28°20	8° 7	29°28	28°13	0°29	26° 4
T 21	4 2 45	29°30'29	21°58	9°46	24°50	16°10	12° 7	3°45	1° 2	28°20	8° 7	29°27	28°10	0°36	26° 6
F 22	4 6 41	0K31'15	5K31	10°54	26° 4	16°42	12°20	3°49	0°59	28°19	8° 7	29°D26	28° 7	0°42	26° 8
S 23	4 10 38	1°32'01	19°25	12° 5	27°17	17°13	12°33	3°54	0°57	28°19	8° 6	29°27	28° 4	0°49	26°10
S 24	4 14 34	2°32'48	3Y39	13°19	28°31	17°44	12°46	3°58	0°55	28°18	8° 6	29°29	28° 1	0°56	26°12
M25	4 18 31	3°33'36	18°13	14°36	29°45	18°15	12°59	4° 3	0°53	28°18	8° 5	29°30	27°57	1° 2	26°14
T 26	4 22 27	4°34'25	3K 3	15°56	0M58	18°46	13°11	4° 8	0°51	28°17	8° 5	29°R31	27°54	1° 9	26°15
W27	4 26 24	5°35'15	18° 2	17°17	2°12	19°17	13°24	4°12	0°49	28°17	8° 4	29°29	27°51	1°16	26°17
T 28	4 30 20	6°36'06	3II 3	18°40	3°26	19°48	13°37	4°17	0°46	28°16	8° 4	29°26	27°48	1°22	26°18
F 29	4 34 17	7°36'59	17°56	20° 4	4°40	20°18	13°50	4°22	0°44	28°16	8° 3	29°21	27°45	1°29	26°19
S 30	4 38 14	8K37'52	2Ω34	21M30	5M53	20M49	14M 2	4≈27	0Ω42	28K16	8Ω 3	29Ω15	27Ω42	1M36	26Ω20

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14s38	18n36	3s25	17s 6	0s56	1n12	1n34	11n 6	1n37	13s12	0n58	20s20	0s44	23n42	0n14
S 2	14 57	19 3	4 20	16 24	0 36	0 45	1 36	10 54	1 38	13 17	0 58	20 19	0 44	23 42	0 14
S 3	15 16	18 16	4 56	15 40	0 16	0 18	1 38	10 43	1 39	13 21	0 58	20 18	0 44	23 42	0 14
M 4	15 34	16 26	5 15	14 56	0n 5	0s 9	1 39	10 31	1 39	13 25	0 58	20 18	0 44	23 42	0 14
T 5	15 52	13 47	5 16	14 12	0 25	0 36	1 41	10 19	1 40	13 30	0 58	20 17	0 44	23 42	0 14
W 6	16 10	10 33	5 1	13 31	0 45	1 4	1 43	10 7	1 41	13 34	0 58	20 16	0 44	23 42	0 14
T 7	16 28	6 56	4 32	12 53	1 3	1 31	1 44	9 55	1 41	13 38	0 58	20 16	0 44	23 42	0 14
F 8	16 46	3 6	3 51	12 19	1 20	1 58	1 45	9 43	1 42	13 42	0 58	20 15	0 44	23 42	0 14
S 9	17 3	0s48	3 1	11 51	1 35	2 26	1 47	9 31	1 43	13 46	0 58	20 14	0 44	23 42	0 14
S 10	17 20	4 39	2 4	11 28	1 48	2 53	1 48	9 20	1 44	13 51	0 58	20 13	0 44	23 42	0 14
M11	17 36	8 17	1 2	11 10	1 59	3 20	1 49	9 8	1 44	13 55	0 58	20 13	0 44	23 42	0 14
T 12	17 53	11 36	0n 3	10 58	2 8	3 48	1 50	8 56	1 45	13 59	0 58	20 12	0 44	23 42	0 14
W13	18 9	14 28	1 8	10 52	2 15	4 15	1 51	8 44	1 46	14 3	0 58	20 11	0 44	23 42	0 14
T 14	18 24	16 44	2 10	10 51	2 20	4 42	1 51	8 32	1 46	14 7	0 58	20 10	0 44	23 42	0 14
F 15	18 40	18 18	3 7	10 55	2 24	5 10	1 52	8 21	1 47	14 11	0 58	20 9	0 44	23 42	0 14
S 16	18 55	19 3	3 56	11 4	2 26	5 37	1 53	8 9	1 48	14 15	0 58	20 8	0 44	23 42	0 14
S 17	19 9	18 54	4 35	11 16	2 27	6 4	1 53	7 57	1 49	14 19	0 58	20 7	0 44	23 42	0 14
M18	19 24	17 50	5 1	11 31	2 26	6 31	1 54	7 45	1 49	14 23	0 58	20 7	0 44	23 42	0 14
T 19	19 38	15 54	5 13	11 50	2 25	6 58	1 54	7 34	1 50	14 27	0 57	20 6	0 44	23 42	0 14
W20	19 51	13 7	5 10	12 10	2 23	7 25	1 54	7 22	1 51	14 31	0 57	20 5	0 44	23 43	0 14
T 21	20 5	9 38	4 50	12 33	2 20	7 52	1 54	7 10	1 51	14 35	0 57	20 4	0 44	23 43	0 14
F 22	20 17	5 34	4 14	12 58	2 16	8 18	1 54	6 59	1 52	14 39	0 57	20 3	0 44	23 43	0 14
S 23	20 30	1 6	3 22	13 24	2 11	8 45	1 54	6 47	1 53	14 43	0 57	20 2	0 44	23 43	0 14
S 24	20 42	3n33	2 17	13 51	2 6	9 11	1 54	6 36	1 54	14 47	0 57	20 0	0 44	23 43	0 14
M25	20 54	8 6	1 1	14 19	2 1	9 37	1 54	6 24	1 54	14 51	0 57	19 59	0 44	23 43	0 14
T 26	21 5	12 15	0s19	14 48	1 55	10 3	1 53	6 13	1 55	14 55	0 57	19 58	0 44	23 43	0 14
W27	21 16	15 38	1 39	15 17	1 49	10 29	1 53	6 1	1 56	14 58	0 58	19 57	0 44	23 43	0 14
T 28	21 27	17 58	2 53	15 46	1 42	10 55	1 53	5 50	1 57	15 2	0 58	19 56	0 44	23 43	0 14
F 29	21 37	19 3	3 53	16 15	1 35	11 20	1 52	5 39	1 57	15 6	0 58	19 55	0 44	23 43	0 14
S 30	21s47	18n49	4s38	16s44	1n29	11s45	1n51	5n27	1n58	15s10	0n58	19s54	0s44	23n43	0n14

Julian Day Number = 2341181.5, Delta T = 7.80 sec
 Ecliptic obliquity = 23°28'35, Nutation = 0°00'07
 Ayanamsha: Fagan/Bradley = 20°31'21, Lahiri = 19°38'21Greg. Calendar

SWISS EPHEMERIS for the year 1697

DECEMBER 1697 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	4 42 10	9♂38'47	16♂50	22♂56	7♂ 7	21♂19	14♂15	4♂32	0°R39	28°R15	8°R 2	29°R 9	27♂38	1♂42	26♂21
M 2	4 46 7	10°39'42	0♂39	24°24	8°21	21°49	14°27	4°37	0♂37	28♂15	8♂ 2	29♂ 2	27°35	1°49	26°22
T 3	4 50 3	11°40'39	13°59	25°52	9°35	22°19	14°40	4°42	0°35	28°15	8° 1	28°57	27°32	1°56	26°23
W 4	4 54 0	12°41'38	26°53	27°21	10°49	22°48	14°52	4°48	0°32	28°15	8° 0	28°54	27°29	2° 2	26°24
T 5	4 57 56	13°42'37	9♂24	28°50	12° 4	23°18	15° 4	4°53	0°30	28°15	8° 0	28°D53	27°26	2° 9	26°24
F 6	5 1 53	14°43'37	21°36	0♂20	13°18	23°47	15°17	4°58	0°27	28°15	7°59	28°53	27°23	2°16	26°25
S 7	5 5 49	15°44'39	3♂34	1°51	14°32	24°17	15°29	5° 4	0°25	28°14	7°58	28°54	27°19	2°22	26°25
S 8	5 9 46	16°45'41	15°23	3°21	15°46	24°46	15°41	5° 9	0°22	28°14	7°57	28°55	27°16	2°29	26°25
M 9	5 13 43	17°46'45	27° 9	4°52	17° 0	25°15	15°54	5°15	0°20	28°D14	7°57	28°R56	27°13	2°35	26°R26
T 10	5 17 39	18°47'49	8♂56	6°24	18°15	25°43	16° 6	5°20	0°17	28°14	7°56	28°56	27°10	2°42	26°25
W 11	5 21 36	19°48'55	20°49	7°55	19°29	26°12	16°18	5°26	0°15	28°15	7°55	28°53	27° 7	2°49	26°25
T 12	5 25 32	20°50'01	2♂49	9°27	20°43	26°40	16°30	5°32	0°12	28°15	7°54	28°48	27° 3	2°55	26°25
F 13	5 29 29	21°51'08	15° 0	10°59	21°58	27° 8	16°42	5°38	0°10	28°15	7°53	28°40	27° 0	3° 2	26°25
S 14	5 33 25	22°52'16	27°23	12°31	23°12	27°36	16°54	5°43	0° 7	28°15	7°52	28°31	26°57	3° 9	26°24
S 15	5 37 22	23°53'24	9♂58	14° 3	24°27	28° 4	17° 5	5°49	0° 5	28°15	7°51	28°20	26°54	3°15	26°24
M 16	5 41 19	24°54'32	22°46	15°36	25°41	28°31	17°17	5°55	0° 2	28°15	7°50	28° 9	26°51	3°22	26°23
T 17	5 45 15	25°55'41	5♂45	17° 9	26°56	28°58	17°29	6° 1	29♂59	28°16	7°49	27°59	26°48	3°29	26°22
W 18	5 49 12	26°56'50	18°57	18°42	28°10	29°25	17°41	6° 7	29°57	28°16	7°48	27°51	26°44	3°35	26°21
T 19	5 53 8	27°58'00	2♂20	20°15	29°25	29°52	17°52	6°14	29°54	28°16	7°47	27°46	26°41	3°42	26°20
F 20	5 57 5	28°59'09	15°55	21°48	0♂40	0♂19	18° 4	6°20	29°52	28°17	7°46	27°43	26°38	3°49	26°19
S 21	6 1 1	0♂ 0'18	29°42	23°22	1°54	0°45	18°15	6°26	29°49	28°17	7°45	27°D42	26°35	3°55	26°18
S 22	6 4 58	1° 1'28	13♂43	24°56	3° 9	1°11	18°26	6°32	29°46	28°17	7°44	27°42	26°32	4° 2	26°17
M 23	6 8 54	2° 2'37	27°56	26°30	4°23	1°37	18°38	6°38	29°44	28°18	7°43	27°R43	26°28	4° 8	26°15
T 24	6 12 51	3° 3'46	12♂21	28° 4	5°38	2° 3	18°49	6°45	29°41	28°18	7°42	27°42	26°25	4°15	26°14
W 25	6 16 48	4° 4'55	26°55	29°39	6°53	2°28	19° 0	6°51	29°39	28°19	7°41	27°39	26°22	4°22	26°12
T 26	6 20 44	5° 6'04	11♂32	1♂14	8° 7	2°54	19°11	6°58	29°36	28°20	7°40	27°33	26°19	4°28	26°10
F 27	6 24 41	6° 7'13	26° 7	2°49	9°22	3°18	19°22	7° 4	29°34	28°20	7°39	27°24	26°16	4°35	26° 8
S 28	6 28 37	7° 8'23	10♂31	4°25	10°37	3°43	19°33	7°11	29°31	28°21	7°38	27°13	26°13	4°42	26° 6
S 29	6 32 34	8° 9'32	24°40	6° 1	11°52	4° 7	19°44	7°17	29°28	28°22	7°36	27° 2	26° 9	4°48	26° 4
M 30	6 36 30	9°10'41	8♂26	7°37	13° 6	4°32	19°54	7°24	29°26	28°22	7°35	26°50	26° 6	4°55	26° 2
T 31	6 40 27	10♂11'50	21♂48	9♂14	14♂21	4♂55	20♂ 5	7♂30	29♂23	28♂23	7♂34	26♂40	26♂ 3	5♂ 2	26♂ 0

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21s56	17n24	5s 3	17s13	1n22	12s10	1n51	5n16	1n59	15s13	0n58	19s52	0s44	23n43	0n14	2s 0
M 2	22 5 15	0 5	10 17	42 1 14	12 35	1 50	5 5	2 0	15 17	0 58	19 51	0 44	23 43	0 14	2 0	1 25
T 3	22 13 11	52 5	0 18	10 1 7	12 59	1 49	4 54	2 0	15 21	0 58	19 50	0 44	23 43	0 14	2 0	1 25
W 4	22 21 8	16 4	3 18	38 1 0	13 23	1 48	4 43	2 1	15 24	0 58	19 49	0 44	23 43	0 14	2 0	1 25
T 5	22 29 4 24	3 56	19 5	0 53	13 47	1 47	4 32	2 2	15 28	0 58	19 48	0 44	23 43	0 14	2 0	1 25
F 6	22 36 0 27	3 8	19 31	0 45	14 10	1 46	4 21	2 3	15 31	0 58	19 46	0 44	23 43	0 14	2 0	1 25
S 7	22 43 3s27	2 13	19 57	0 38	14 33	1 45	4 10	2 4	15 35	0 58	19 45	0 44	23 43	0 14	2 0	1 25
S 8	22 49 7 11	1 13	20 21	0 31	14 56	1 43	3 59	2 4	15 38	0 58	19 44	0 44	23 43	0 14	2 0	1 25
M 9	22 55 10 37	0 10	20 46	0 23	15 18	1 42	3 49	2 5	15 42	0 58	19 42	0 44	23 43	0 14	2 0	1 25
T 10	23 0 13 39	0n54	21 9	0 16	15 40	1 41	3 38	2 6	15 45	0 58	19 41	0 44	23 43	0 15	2 0	1 25
W 11	23 5 16 8	1 55	21 31	0 9	16 2	1 39	3 27	2 7	15 49	0 58	19 40	0 45	23 43	0 15	2 0	1 25
T 12	23 10 17 56	2 52	21 52	0 2	16 23	1 38	3 17	2 8	15 52	0 58	19 38	0 45	23 43	0 15	2 0	1 25
F 13	23 14 18 57	3 42	22 13	0s 5	16 44	1 36	3 6	2 9	15 56	0 58	19 37	0 45	23 43	0 15	2 0	1 25
S 14	23 17 19 5	4 22	22 32	0 12	17 5	1 35	2 56	2 9	15 59	0 58	19 35	0 45	23 43	0 15	2 0	1 25
S 15	23 20 18 17	4 50	22 50	0 19	17 25	1 33	2 46	2 10	16 2	0 58	19 34	0 45	23 43	0 15	2 0	1 25
M 16	23 23 16 34	5 4 23	7 0	0 26	17 44	1 31	2 36	2 11	16 6	0 58	19 32	0 45	23 43	0 15	2 0	1 25
T 17	23 25 13 59	5 2 23	23 0 32	18 3	1 29	2 25	2 12	16 9	0 58	19 31	0 45	23 43	0 15	1 59	1 25	
W 18	23 26 10 39	4 45	23 38 0 39	18 22	1 27	2 15	2 13	16 12	0 58	19 30	0 45	23 43	0 15	1 59	1 25	
T 19	23 28 6 45	4 12	23 52 0 45	18 40	1 26	2 6	2 14	16 15	0 58	19 28	0 45	23 43	0 15	1 59	1 25	
F 20	23 28 2 26	3 24	24 4 0 51	18 57	1 24	1 56	2 14	16 18	0 58	19 26	0 45	23 43	0 15	1 59	1 25	
S 21	23 29 2n 5	2 24	24 16 0 57	19 15	1 22	1 46	2 15	16 21	0 58	19 25	0 45	23 43	0 15	1 59	1 25	
S 22	23 28 6 33	1 14	24 26 1 3	19 31	1 19	1 36	2 16	16 25	0 58	19 23	0 45	23 43	0 15	1 58	1 25	
M 23	23 28 10 44	0s 1	24 34 1 8	19 47	1 17	1 27	2 17	16 28	0 58	19 22	0 45	23 43	0 15	1 58	1 25	
T 24	23 26 14 20	1 17	24 42 1 14	20 3	1 15	1 18	2 18	16 31	0 58	19 20	0 45	23 43	0 15	1 58	1 25	
W 25	23 25 17 5	2 29	24 48 1 19	20 18	1 13	1 8	2 19	16 34	0 58	19 19	0 45	23 43	0 15	1 58	1 24	
T 26	23 23 18 43	3 31	24 52 1 24	20 32	1 11	0 59	2 20	16 37	0 58	19 17	0 45	23 43	0 15	1 57	1 24	
F 27	23 20 19 6	4 19	24 56 1 29	20 46	1 8	0 50	2 21	16 39	0 59	19 16	0 45	23 43	0 15	1 57	1 24	
S 28	23 17 18 15	4 50	24 58 1 33	20 59	1 6	0 41	2 21	16 42	0 59	19 14	0 45	23 43	0 15	1 57	1 24	
S 29	23 13 16 16	5 2	24 58 1 38	21 11	1 4	0 32	2 22	16 45	0 59	19 12	0 45	23 43	0 15	1 57	1 24	
M 30	23 9 13 25	4 56	24 57 1 42	21 23	1 1	0 23	2 23	16 48	0 59	19 11	0 45	23 43	0 15	1 56	1 24	
T 31	23s 5	9n56	4s34	24s55	1s46	21s35	0n59	0n15	2n24	16s51	0n59	19s 9	0s45	23n43	0n15	1s56

Julian Day Number = 2341211.5, Delta T = 7.80 sec
 Ecliptic obliquity = 23°28'34, Nutation = 0°00'07
 Ayanamsha: Fagan/Bradley = 20°31'25, Lahiri = 19°38'25Greg. Calendar