

SWISS EPHEMERIS for the year 1704
heliocentric

JANUARY 1704

00:00 UT

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

Delta T = 7.85 sec. Greg. Calendar

FEBRUARY 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
F 1	8 40 51	11 ⁰ 15'44	11 ⁰ 23	0 ⁰ 56	27 ⁰ 48	12 ⁰ 41	23 ⁰ 40	23 ⁰ 6	27 ⁰ 18	13 ⁰ 48	16 ⁰ 37	29 ⁰ 48
S 2	8 44 48	12 ⁰ 16'35	12 ⁰ 23	5 ⁰ 57	29 ⁰ 25	13 ⁰ 11	23 ⁰ 45	23 ⁰ 8	27 ⁰ 18	13 ⁰ 49	16 ⁰ 37	29 ⁰ 50
S 3	8 48 45	13 ⁰ 17'25	13 ⁰ 22	11 ⁰ 7	1 ⁰ 2	13 ⁰ 41	23 ⁰ 50	23 ⁰ 10	27 ⁰ 19	13 ⁰ 49	16 ⁰ 37	29 ⁰ 52
M 4	8 52 41	14 ⁰ 18'13	14 ⁰ 21	16 ⁰ 25	2 ⁰ 39	14 ⁰ 11	23 ⁰ 56	23 ⁰ 12	27 ⁰ 20	13 ⁰ 50	16 ⁰ 38	29 ⁰ 54
T 5	8 56 38	15 ⁰ 19'01	15 ⁰ 20	21 ⁰ 53	4 ⁰ 16	14 ⁰ 41	24 ⁰ 1	23 ⁰ 14	27 ⁰ 21	13 ⁰ 50	16 ⁰ 38	29 ⁰ 57
W 6	9 0 34	16 ⁰ 19'47	16 ⁰ 19	27 ⁰ 30	5 ⁰ 53	15 ⁰ 12	24 ⁰ 7	23 ⁰ 16	27 ⁰ 21	13 ⁰ 50	16 ⁰ 38	29 ⁰ 59
T 7	9 4 31	17 ⁰ 20'32	17 ⁰ 18	3 ⁰ 15	7 ⁰ 30	15 ⁰ 42	24 ⁰ 12	23 ⁰ 18	27 ⁰ 22	13 ⁰ 51	16 ⁰ 38	0 ⁰ 1
F 8	9 8 27	18 ⁰ 21'15	18 ⁰ 17	9 ⁰ 8	9 ⁰ 7	16 ⁰ 12	24 ⁰ 17	23 ⁰ 20	27 ⁰ 23	13 ⁰ 51	16 ⁰ 39	0 ⁰ 3
S 9	9 12 24	19 ⁰ 21'57	19 ⁰ 16	15 ⁰ 8	10 ⁰ 44	16 ⁰ 43	24 ⁰ 23	23 ⁰ 23	27 ⁰ 24	13 ⁰ 51	16 ⁰ 39	0 ⁰ 5
S 10	9 16 20	20 ⁰ 22'37	20 ⁰ 15	21 ⁰ 14	12 ⁰ 20	17 ⁰ 13	24 ⁰ 28	23 ⁰ 25	27 ⁰ 24	13 ⁰ 52	16 ⁰ 39	0 ⁰ 8
M11	9 20 17	21 ⁰ 23'15	21 ⁰ 15	27 ⁰ 25	13 ⁰ 57	17 ⁰ 44	24 ⁰ 33	23 ⁰ 27	27 ⁰ 25	13 ⁰ 52	16 ⁰ 40	0 ⁰ 10
T 12	9 24 14	22 ⁰ 23'52	22 ⁰ 15	3 ⁰ 41	15 ⁰ 34	18 ⁰ 14	24 ⁰ 39	23 ⁰ 29	27 ⁰ 26	13 ⁰ 52	16 ⁰ 40	0 ⁰ 12
W13	9 28 10	23 ⁰ 24'27	23 ⁰ 15	9 ⁰ 59	17 ⁰ 11	18 ⁰ 45	24 ⁰ 44	23 ⁰ 31	27 ⁰ 27	13 ⁰ 53	16 ⁰ 40	0 ⁰ 14
T 14	9 32 7	24 ⁰ 25'00	24 ⁰ 16	16 ⁰ 18	18 ⁰ 47	19 ⁰ 16	24 ⁰ 49	23 ⁰ 33	27 ⁰ 27	13 ⁰ 53	16 ⁰ 40	0 ⁰ 16
F 15	9 36 3	25 ⁰ 25'31	25 ⁰ 17	22 ⁰ 37	20 ⁰ 24	19 ⁰ 46	24 ⁰ 55	23 ⁰ 35	27 ⁰ 28	13 ⁰ 54	16 ⁰ 41	0 ⁰ 18
S 16	9 40 0	26 ⁰ 26'01	26 ⁰ 18	28 ⁰ 54	22 ⁰ 0	20 ⁰ 17	25 ⁰ 0	23 ⁰ 37	27 ⁰ 29	13 ⁰ 54	16 ⁰ 41	0 ⁰ 21
S 17	9 43 56	27 ⁰ 26'28	27 ⁰ 20	5 ⁰ 7	23 ⁰ 37	20 ⁰ 48	25 ⁰ 5	23 ⁰ 39	27 ⁰ 30	13 ⁰ 54	16 ⁰ 41	0 ⁰ 23
M18	9 47 53	28 ⁰ 26'54	28 ⁰ 22	11 ⁰ 16	25 ⁰ 13	21 ⁰ 19	25 ⁰ 11	23 ⁰ 42	27 ⁰ 30	13 ⁰ 55	16 ⁰ 41	0 ⁰ 25
T 19	9 51 49	29 ⁰ 27'19	29 ⁰ 24	17 ⁰ 19	26 ⁰ 50	21 ⁰ 50	25 ⁰ 16	23 ⁰ 44	27 ⁰ 31	13 ⁰ 55	16 ⁰ 42	0 ⁰ 27
W20	9 55 46	0 ⁰ 27'41	0 ⁰ 26	23 ⁰ 15	28 ⁰ 26	22 ⁰ 21	25 ⁰ 22	23 ⁰ 46	27 ⁰ 32	13 ⁰ 55	16 ⁰ 42	0 ⁰ 29
T 21	9 59 43	1 ⁰ 28'02	1 ⁰ 28	29 ⁰ 3	0 ⁰ 3	22 ⁰ 52	25 ⁰ 27	23 ⁰ 48	27 ⁰ 33	13 ⁰ 56	16 ⁰ 42	0 ⁰ 32
F 22	10 3 39	2 ⁰ 28'20	2 ⁰ 30	4 ⁰ 42	1 ⁰ 39	23 ⁰ 23	25 ⁰ 32	23 ⁰ 50	27 ⁰ 33	13 ⁰ 56	16 ⁰ 43	0 ⁰ 34
S 23	10 7 36	3 ⁰ 28'38	3 ⁰ 32	10 ⁰ 13	3 ⁰ 15	23 ⁰ 54	25 ⁰ 38	23 ⁰ 52	27 ⁰ 34	13 ⁰ 56	16 ⁰ 43	0 ⁰ 36
S 24	10 11 32	4 ⁰ 28'53	4 ⁰ 34	15 ⁰ 33	4 ⁰ 51	24 ⁰ 25	25 ⁰ 43	23 ⁰ 54	27 ⁰ 35	13 ⁰ 57	16 ⁰ 43	0 ⁰ 38
M25	10 15 29	5 ⁰ 29'07	5 ⁰ 36	20 ⁰ 45	6 ⁰ 27	24 ⁰ 56	25 ⁰ 48	23 ⁰ 56	27 ⁰ 36	13 ⁰ 57	16 ⁰ 43	0 ⁰ 40
T 26	10 19 25	6 ⁰ 29'20	6 ⁰ 37	25 ⁰ 46	8 ⁰ 3	25 ⁰ 28	25 ⁰ 54	23 ⁰ 58	27 ⁰ 36	13 ⁰ 58	16 ⁰ 44	0 ⁰ 42
W27	10 23 22	7 ⁰ 29'30	7 ⁰ 38	0 ⁰ 38	9 ⁰ 40	25 ⁰ 59	25 ⁰ 59	24 ⁰ 1	27 ⁰ 37	13 ⁰ 58	16 ⁰ 44	0 ⁰ 45
T 28	10 27 18	8 ⁰ 29'40	8 ⁰ 38	5 ⁰ 21	11 ⁰ 16	26 ⁰ 30	26 ⁰ 4	24 ⁰ 3	27<			

SWISS EPHEMERIS for the year 1704
heliocentric

MARCH 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
S 1	10 35 11	10 ^h 29'54	10 ^h 38	14 ^m 19	14 ^m 27	27 ^m 33	26 ^g 15	24 ^g 7	27 ^g 39	13 ^g 59	16 ^g 45	0 ^g 51
S 2	10 39 8	11°29'59	11°37	18°36	16° 3	28° 5	26°20	24° 9	27°40	13°59	16°45	0°53
M 3	10 43 5	12°30'03	12°36	22°44	17°39	28°36	26°26	24°11	27°41	14° 0	16°45	0°55
T 4	10 47 1	13°30'04	13°34	26°45	19°15	29° 8	26°31	24°13	27°42	14° 0	16°46	0°58
W 5	10 50 58	14°30'04	14°32	0 ^h 39	20°51	29°40	26°36	24°15	27°42	14° 1	16°46	1° 0
T 6	10 54 54	15°30'02	15°30	4°26	22°26	0 ^h 12	26°42	24°18	27°43	14° 1	16°46	1° 2
F 7	10 58 51	16°29'58	16°28	8° 7	24° 2	0°43	26°47	24°20	27°44	14° 1	16°46	1° 4
S 8	11 2 47	17°29'52	17°26	11°42	25°38	1°15	26°52	24°22	27°45	14° 2	16°47	1° 6
S 9	11 6 44	18°29'43	18°24	15°11	27°13	1°47	26°58	24°24	27°45	14° 2	16°47	1° 8
M10	11 10 40	19°29'33	19°23	18°36	28°49	2°19	27° 3	24°26	27°46	14° 2	16°47	1°11
T 11	11 14 37	20°29'20	20°21	21°56	0 ^h 24	2°51	27° 8	24°28	27°47	14° 3	16°48	1°13
W12	11 18 34	21°29'06	21°20	25°11	2° 0	3°23	27°14	24°30	27°48	14° 3	16°48	1°15
T 13	11 22 30	22°28'49	22°20	28°23	3°35	3°56	27°19	24°32	27°48	14° 3	16°48	1°17
F 14	11 26 27	23°28'30	23°19	1 ^h 31	5°10	4°28	27°24	24°34	27°49	14° 4	16°48	1°19
S 15	11 30 23	24°28'08	24°19	4°35	6°46	5° 0	27°30	24°37	27°50	14° 4	16°49	1°21
S 16	11 34 20	25°27'44	25°19	7°37	8°21	5°32	27°35	24°39	27°51	14° 5	16°49	1°24
M17	11 38 16	26°27'18	26°20	10°36	9°56	6° 5	27°41	24°41	27°51	14° 5	16°49	1°26
T 18	11 42 13	27°26'50	27°21	13°32	11°32	6°37	27°46	24°43	27°52	14° 5	16°49	1°28
W19	11 46 9	28°26'19	28°22	16°26	13° 7	7°10	27°51	24°45	27°53	14° 6	16°50	1°30
T 20	11 50 6	29°25'47	29°23	19°18	14°42	7°42	27°57	24°47	27°54	14° 6	16°50	1°32
F 21	11 54 3	0 ^h 25'12	0 ^h 24	22° 9	16°17	8°15	28° 2	24°49	27°54	14° 6	16°50	1°34
S 22	11 57 59	1°24'35	1°25	24°58	17°52	8°48	28° 7	24°51	27°55	14° 7	16°51	1°37
S 23	12 1 56	2°23'55	2°27	27°45	19°27	9°20	28°13	24°54	27°56	14° 7	16°51	1°39
M24	12 5 52	3°23'14	3°28	0 ^h 32	21° 2	9°53	28°18	24°56	27°57	14° 7	16°51	1°41
T 25	12 9 49	4°22'32	4°28	3°18	22°38	10°26	28°23	24°58	27°57	14° 8	16°51	1°43
W26	12 13 45	5°21'47	5°29	6° 3	24°13	10°59	28°29	25° 0	27°58	14° 8	16°52	1°45
T 27	12 17 42	6°21'00	6°29	8°48	25°48	11°32	28°34	25° 2	27°59	14° 9	16°52	1°47
F 28	12 21 38	7°20'12	7°29	11°32	27°23	12° 5	28°39	25° 4	28° 0	14° 9	16°52	1°49
S 29	12 25 35	8°19'23	8°28	14°17	28°58	12°38	28°45	25° 6	28° 0	14° 9	16°53	1°52
S 30	12 29 32	9°18'31	9°27	17° 2	0 ^h 32	13°11	28°50	25° 8	28° 1	14°10	16°53	1°54
M31	12 33 28	10 ^h 17'38	10 ^h 25	19 ^m 47	2 ^g 7	13 ^m 44	28 ^g 55	25 ^g 11	28 ^g 2	14 ^g 10	16 ^g 53	1 ^g 56

Delta T = 7.85 sec. Greg. Calendar

APRIL 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
T 1	12 37 25	11 ^h 16'42	11 ^h 23	22 ^m 33	3 ^g 42	14 ^m 18	29 ^g 0	25 ^g 13	28 ^g 3	14 ^g 10	16 ^g 53	1 ^g 58
W 2	12 41 21	12°15'45	12°20	25°20	5°17	14°51	29° 6	25°15	28° 3	14°11	16°54	2° 0
T 3	12 45 18	13°14'46	13°18	28° 8	6°52	15°24	29°11	25°17	28° 4	14°11	16°54	2° 2
F 4	12 49 14	14°13'45	14°15	0 ^h 57	8°27	15°58	29°16	25°19	28° 5	14°12	16°54	2° 5
S 5	12 53 11	15°12'42	15°12	3°47	10° 2	16°31	29°22	25°21	28° 6	14°12	16°54	2° 7
S 6	12 57 7	16°11'37	16° 9	6°40	11°37	17° 5	29°27	25°23	28° 6	14°12	16°55	2° 9
M 7	13 1 4	17°10'30	17° 6	9°34	13°12	17°38	29°32	25°25	28° 7	14°13	16°55	2°11
T 8	13 5 0	18° 9'21	18° 3	12°30	14°46	18°12	29°38	25°27	28° 8	14°13	16°55	2°13
W 9	13 8 57	19° 8'10	19° 1	15°29	16°21	18°46	29°43	25°30	28° 9	14°13	16°56	2°15
T 10	13 12 54	20° 6'56	19°59	18°30	17°56	19°19	29°48	25°32	28°10	14°14	16°56	2°17
F 11	13 16 50	21° 5'40	20°57	21°34	19°31	19°53	29°54	25°34	28°10	14°14	16°56	2°20
S 12	13 20 47	22° 4'22	21°55	24°42	21° 6	20°27	29°59	25°36	28°11	14°14	16°56	2°22
S 13	13 24 43	23° 3'02	22°54	27°53	22°41	21° 1	0 ^h 11	25°38	28°12	14°15	16°57	2°24
M14	13 28 40	24° 1'39	23°53	1 ^h 7	24°15	21°35	0°10	25°40	28°13	14°15	16°57	2°26
T 15	13 32 36	25° 0'15	24°52	4°26	25°50	22° 9	0°15	25°42	28°13	14°16	16°57	2°28
W16	13 36 33	25°58'48	25°52	7°49	27°25	22°43	0°20	25°44	28°14	14°16	16°58	2°30
T 17	13 40 29	26°57'19	26°52	11°17	29° 0	23°17	0°26	25°47	28°15	14°16	16°58	2°32
F 18	13 44 26	27°55'48	27°52	14°50	0 ^h 35	23°51	0°31	25°49	28°16	14°17	16°58	2°35
S 19	13 48 23	28°54'14	28°52	18°28	2°10	24°26	0°36	25°51	28°16	14°17	16°58	2°37
S 20	13 52 19	29°52'39	29°53	22°12	3°44	25° 0	0°42	25°53	28°17	14°17	16°59	2°39
M21	13 56 16	0 ^h 51'02	0 ^h 53	26° 2	5°19	25°34	0°47	25°55	28°18	14°18	16°59	2°41
T 22	14 0 12	1°49'23	1°53	29°58	6°54	26° 9	0°52	25°57	28°19	14°18	16°59	2°43
W23	14 4 9	2°47'43	2°53	4 ^h 1	8°29	26°43	0°58	25°59	28°19	14°19	16°59	2°45
T 24	14 8 5	3°46'01	3°53	8°12	10° 4	27°18	1° 3	26° 1	28°20	14°19	17° 0	2°47
F 25	14 12 2	4°44'18	4°52	12°30	11°39	27°52	1° 8	26° 4	28°21	14°19	17° 0	2°49
S 26	14 15 58	5°42'33	5°51	16°56	13°14	28°27	1°13	26° 6	28°22	14°20	17° 0	2°52
S 27	14 19 55	6°40'46	6°49	21°31	14°49	29° 2	1°19	26° 8	28°22	14°20	17° 1	2°54
M28	14 23 52	7°38'58	7°47	26°14	16°23	29°37	1°24	26°10	28°23	14°20	17° 1	2°56
T 29	14 27 48	8°37'09	8°45	1°Y 6	17°58	0 ^h 11	1°29	26°12	28°24	14°21	17° 1	2°58
W30	14 31 45	9 ^m 35'18	9 ^m 42	6 ^g Y 6	19 ^m 33	0 ^g 46	1 ^h 35	26 ^g 14	28 ^g 25	14 ^g 21	17 ^g 1	3 ^g 0

Delta T = 7.86 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1704
heliocentric

MAY 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
T 1	14 35 41	10♁33'25	10♁39	11♃16	21≈ 8	1♃21	1♁40	26♃16	28♁25	14♃21	17♁ 2	3♃ 2
F 2	14 39 38	11°31'31	11°35	16°35	22°43	1°56	1°45	26°18	28°26	14°22	17° 2	3° 4
S 3	14 43 34	12°29'36	12°31	22° 4	24°18	2°31	1°51	26°21	28°27	14°22	17° 2	3° 7
S 4	14 47 31	13°27'39	13°28	27°40	25°53	3° 6	1°56	26°23	28°28	14°23	17° 3	3° 9
M 5	14 51 27	14°25'40	14°24	3♃26	27°28	3°42	2° 1	26°25	28°28	14°23	17° 3	3°11
T 6	14 55 24	15°23'40	15°20	9°19	29° 3	4°17	2° 7	26°27	28°29	14°23	17° 3	3°13
W 7	14 59 21	16°21'38	16°16	15°19	0♃38	4°52	2°12	26°29	28°30	14°24	17° 3	3°15
T 8	15 3 17	17°19'34	17°13	21°25	2°14	5°27	2°17	26°31	28°31	14°24	17° 4	3°17
F 9	15 7 14	18°17'29	18°10	27°37	3°49	6° 3	2°23	26°33	28°31	14°24	17° 4	3°19
S 10	15 11 10	19°15'22	19° 7	3♁52	5°24	6°38	2°28	26°35	28°32	14°25	17° 4	3°21
S 11	15 15 7	20°13'13	20° 4	10°10	6°59	7°14	2°33	26°38	28°33	14°25	17° 4	3°24
M12	15 19 3	21°11'02	21° 2	16°29	8°34	7°49	2°38	26°40	28°34	14°25	17° 5	3°26
T 13	15 23 0	22° 8'50	22° 0	22°48	10° 9	8°25	2°44	26°42	28°34	14°26	17° 5	3°28
W14	15 26 56	23° 6'36	22°58	29° 5	11°44	9° 0	2°49	26°44	28°35	14°26	17° 5	3°30
T 15	15 30 53	24° 4'20	23°57	5♁18	13°20	9°36	2°54	26°46	28°36	14°27	17° 6	3°32
F 16	15 34 50	25° 2'03	24°56	11°27	14°55	10°12	3° 0	26°48	28°37	14°27	17° 6	3°34
S 17	15 38 46	25°59'44	25°55	17°30	16°30	10°48	3° 5	26°50	28°37	14°27	17° 6	3°36
S 18	15 42 43	26°57'23	26°55	23°26	18° 5	11°23	3°10	26°52	28°38	14°28	17° 6	3°38
M19	15 46 39	27°55'02	27°54	29°13	19°41	11°59	3°16	26°55	28°39	14°28	17° 7	3°40
T 20	15 50 36	28°52'39	28°54	4♁53	21°16	12°35	3°21	26°57	28°40	14°28	17° 7	3°43
W21	15 54 32	29°50'14	29°53	10°23	22°51	13°11	3°26	26°59	28°40	14°29	17° 7	3°45
T 22	15 58 29	0♃47'49	0♃53	15°43	24°27	13°47	3°31	27° 1	28°41	14°29	17° 8	3°47
F 23	16 2 25	1°45'23	1°52	20°54	26° 2	14°23	3°37	27° 3	28°42	14°30	17° 8	3°49
S 24	16 6 22	2°42'56	2°50	25°55	27°38	14°59	3°42	27° 5	28°43	14°30	17° 8	3°51
S 25	16 10 19	3°40'28	3°49	0♁47	29°13	15°36	3°47	27° 7	28°43	14°30	17° 8	3°53
M26	16 14 15	4°37'59	4°46	5°29	0♃49	16°12	3°53	27°10	28°44	14°31	17° 9	3°55
T 27	16 18 12	5°35'29	5°44	10° 3	2°24	16°48	3°58	27°12	28°45	14°31	17° 9	3°57
W28	16 22 8	6°32'59	6°41	14°27	4° 0	17°24	4° 3	27°14	28°46	14°31	17° 9	3°59
T 29	16 26 5	7°30'27	7°37	18°43	5°35	18° 1	4° 8	27°16	28°46	14°32	17° 9	4° 2
F 30	16 30 1	8°27'55	8°34	22°52	7°11	18°37	4°14	27°18	28°47	14°32	17°10	4° 4
S 31	16 33 58	9♃25'23	9♃30	26♁52	8♃46	19♃14	4♁19	27♃20	28♁48	14♃32	17♁10	4♃ 6

Delta T = 7.86 sec.

Greg. Calendar

JUNE 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
S 1	16 37 54	10♃22'49	10♃26	0♁46	10♃22	19♃50	4♁24	27♃22	28♁49	14♃33	17♁10	4♃ 8
M 2	16 41 51	11°20'15	11°21	4°33	11°58	20°27	4°30	27°24	28°50	14°33	17°11	4°10
T 3	16 45 48	12°17'39	12°17	8°14	13°33	21° 3	4°35	27°27	28°50	14°34	17°11	4°12
W 4	16 49 44	13°15'03	13°12	11°48	15° 9	21°40	4°40	27°29	28°51	14°34	17°11	4°14
T 5	16 53 41	14°12'26	14° 8	15°18	16°45	22°17	4°46	27°31	28°52	14°34	17°11	4°16
F 6	16 57 37	15° 9'49	15° 4	18°42	18°21	22°53	4°51	27°33	28°53	14°35	17°12	4°18
S 7	17 1 34	16° 7'10	16° 0	22° 2	19°56	23°30	4°56	27°35	28°53	14°35	17°12	4°21
S 8	17 5 30	17° 4'30	16°57	25°17	21°32	24° 7	5° 1	27°37	28°54	14°35	17°12	4°23
M 9	17 9 27	18° 1'49	17°53	28°29	23° 8	24°44	5° 7	27°39	28°55	14°36	17°13	4°25
T 10	17 13 24	18°59'08	18°50	1♁37	24°44	25°21	5°12	27°41	28°56	14°36	17°13	4°27
W11	17 17 20	19°56'25	19°48	4°41	26°20	25°58	5°17	27°44	28°56	14°37	17°13	4°29
T 12	17 21 17	20°53'42	20°45	7°43	27°56	26°35	5°23	27°46	28°57	14°37	17°13	4°31
F 13	17 25 13	21°50'57	21°43	10°41	29°32	27°12	5°28	27°48	28°58	14°37	17°14	4°33
S 14	17 29 10	22°48'12	22°42	13°37	1♃ 8	27°49	5°33	27°50	28°59	14°38	17°14	4°35
S 15	17 33 6	23°45'26	23°40	16°32	2°44	28°26	5°38	27°52	28°59	14°38	17°14	4°37
M16	17 37 3	24°42'40	24°39	19°24	4°20	29° 3	5°44	27°54	29° 0	14°38	17°15	4°39
T 17	17 40 59	25°39'53	25°38	22°14	5°56	29°40	5°49	27°56	29° 1	14°39	17°15	4°42
W18	17 44 56	26°37'06	26°38	25° 3	7°32	0≈17	5°54	27°59	29° 2	14°39	17°15	4°44
T 19	17 48 53	27°34'18	27°37	27°51	9° 8	0°54	6° 0	28° 1	29° 2	14°39	17°15	4°46
F 20	17 52 49	28°31'30	28°36	0♃37	10°44	1°32	6° 5	28° 3	29° 3	14°40	17°16	4°48
S 21	17 56 46	29°28'42	29°34	3°23	12°20	2° 9	6°10	28° 5	29° 4	14°40	17°16	4°50
S 22	18 0 42	0♃25'53	0♃33	6° 8	13°56	2°46	6°15	28° 7	29° 5	14°41	17°16	4°52
M23	18 4 39	1°23'05	1°31	8°53	15°32	3°24	6°21	28° 9	29° 5	14°41	17°16	4°54
T 24	18 8 35	2°20'17	2°29	11°38	17° 9	4° 1	6°26	28°11	29° 6	14°41	17°17	4°56
W25	18 12 32	3°17'28	3°26	14°22	18°45	4°38	6°31	28°13	29° 7	14°42	17°17	4°58
T 26	18 16 28	4°14'40	4°23	17° 7	20°21	5°16	6°36	28°16	29° 8	14°42	17°17	5° 0
F 27	18 20 25	5°11'52	5°19	19°53	21°58	5°53	6°42	28°18	29° 8	14°42	17°18	5° 3
S 28	18 24 22	6° 9'05	6°16	22°39	23°34	6°31	6°47	28°20	29° 9	14°43	17°18	5° 5
S 29	18 28 18	7° 6'17	7°11	25°25	25°10	7° 8	6°52	28°22	29°10	14°43	17°18	5° 7
M30	18 32 15	8♃ 3'30	8♃ 7	28♃13	26♃47	7≈46	6♁58	28♃24	29♁11	14♃44	17♁18	5♃ 9

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SWISS EPHEMERIS for the year 1704
heliocentric

JULY 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
T 1	18 36 11	9♁0'42	9♁3	1♁2	28♁23	8♁23	7♁3	28♁26	29♁11	14♁44	17♁19	5♁11
W 2	18 40 8	9°57'55	9°58	3°53	29°59	9° 1	7° 8	28°28	29°12	14°44	17°19	5°13
T 3	18 44 4	10°55'08	10°54	6°45	1♁36	9°39	7°13	28°31	29°13	14°45	17°19	5°15
F 4	18 48 1	11°52'21	11°49	9°39	3°13	10°16	7°19	28°33	29°14	14°45	17°20	5°17
S 5	18 51 57	12°49'34	12°45	12°36	4°49	10°54	7°24	28°35	29°14	14°45	17°20	5°19
S 6	18 55 54	13°46'47	13°41	15°34	6°26	11°32	7°29	28°37	29°15	14°46	17°20	5°21
M 7	18 59 51	14°44'00	14°37	18°36	8° 3	12°10	7°34	28°39	29°16	14°46	17°20	5°23
T 8	19 3 47	15°41'12	15°33	21°40	9°39	12°47	7°40	28°41	29°17	14°46	17°21	5°25
W 9	19 7 44	16°38'25	16°30	24°48	11°16	13°25	7°45	28°43	29°17	14°47	17°21	5°28
T 10	19 11 40	17°35'38	17°27	27°59	12°53	14° 3	7°50	28°45	29°18	14°47	17°21	5°30
F 11	19 15 37	18°32'51	18°24	1♁13	14°29	14°41	7°55	28°48	29°19	14°48	17°22	5°32
S 12	19 19 33	19°30'04	19°22	4°32	16° 6	15°19	8° 1	28°50	29°20	14°48	17°22	5°34
S 13	19 23 30	20°27'18	20°20	7°55	17°43	15°56	8° 6	28°52	29°20	14°48	17°22	5°36
M14	19 27 26	21°24'31	21°19	11°23	19°20	16°34	8°11	28°54	29°21	14°49	17°22	5°38
T 15	19 31 23	22°21'45	22°18	14°56	20°57	17°12	8°17	28°56	29°22	14°49	17°23	5°40
W16	19 35 20	23°18'59	23°17	18°35	22°34	17°50	8°22	28°58	29°23	14°49	17°23	5°42
T 17	19 39 16	24°16'13	24°16	22°19	24°11	18°28	8°27	29° 0	29°24	14°50	17°23	5°44
F 18	19 43 13	25°13'28	25°15	26° 9	25°48	19° 6	8°32	29° 3	29°24	14°50	17°23	5°46
S 19	19 47 9	26°10'44	26°14	0♁6	27°25	19°44	8°38	29° 5	29°25	14°51	17°24	5°48
S 20	19 51 6	27° 8'00	27°13	4° 9	29° 2	20°22	8°43	29° 7	29°26	14°51	17°24	5°50
M21	19 55 2	28° 5'17	28°12	8°20	0♁39	21° 0	8°48	29° 9	29°27	14°51	17°24	5°52
T 22	19 58 59	29° 2'35	29°10	12°39	2°16	21°38	8°53	29°11	29°27	14°52	17°25	5°55
W23	20 2 55	29°59'54	0♁8	17° 5	3°53	22°16	8°59	29°13	29°28	14°52	17°25	5°57
T 24	20 6 52	0♁57'15	1° 6	21°40	5°30	22°54	9° 4	29°15	29°29	14°52	17°25	5°59
F 25	20 10 49	1°54'36	2° 3	26°23	7° 7	23°32	9° 9	29°17	29°30	14°53	17°25	6° 1
S 26	20 14 45	2°51'58	3° 0	1♁15	8°44	24°10	9°14	29°20	29°30	14°53	17°26	6° 3
S 27	20 18 42	3°49'21	3°57	6°16	10°21	24°48	9°20	29°22	29°31	14°53	17°26	6° 5
M28	20 22 38	4°46'46	4°53	11°26	11°59	25°26	9°25	29°24	29°32	14°54	17°26	6° 7
T 29	20 26 35	5°44'11	5°49	16°46	13°36	26° 4	9°30	29°26	29°33	14°54	17°27	6° 9
W30	20 30 31	6°41'38	6°45	22°14	15°13	26°42	9°35	29°28	29°33	14°55	17°27	6°11
T 31	20 34 28	7♁39'05	7♁40	27♁51	16♁51	27♁20	9♁41	29♁30	29♁34	14♁55	17♁27	6♁13

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Greg. Calendar

AUGUST 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
F 1	20 38 25	8♁36'34	8♁36	3♁36	18♁28	27♁58	9♁46	29♁32	29♁35	14♁55	17♁27	6♁15
S 2	20 42 21	9°34'03	9°32	9°30	20° 5	28°36	9°51	29°35	29°36	14°56	17°28	6°17
S 3	20 46 18	10°31'34	10°28	15°30	21°43	29°14	9°56	29°37	29°36	14°56	17°28	6°19
M 4	20 50 14	11°29'05	11°24	21°37	23°20	29°53	10° 2	29°39	29°37	14°56	17°28	6°21
T 5	20 54 11	12°26'37	12°20	27°48	24°57	0♁31	10° 7	29°41	29°38	14°57	17°29	6°23
W 6	20 58 7	13°24'11	13°17	4♁4	26°35	1° 9	10°12	29°43	29°39	14°57	17°29	6°26
T 7	21 2 4	14°21'45	14°13	10°22	28°12	1°47	10°17	29°45	29°39	14°57	17°29	6°28
F 8	21 6 0	15°19'20	15°11	16°41	29°50	2°25	10°23	29°47	29°40	14°58	17°29	6°30
S 9	21 9 57	16°16'56	16° 8	23° 0	1♁27	3° 3	10°28	29°50	29°41	14°58	17°30	6°32
S 10	21 13 53	17°14'33	17° 6	29°17	3° 5	3°41	10°33	29°52	29°42	14°59	17°30	6°34
M11	21 17 50	18°12'11	18° 5	5♁30	4°42	4°19	10°38	29°54	29°42	14°59	17°30	6°36
T 12	21 21 47	19° 9'50	19° 4	11°39	6°20	4°57	10°44	29°56	29°43	14°59	17°30	6°38
W13	21 25 43	20° 7'30	20° 3	17°41	7°57	5°35	10°49	29°58	29°44	15° 0	17°31	6°40
T 14	21 29 40	21° 5'11	21° 2	23°37	9°35	6°13	10°54	0♁0	29°45	15° 0	17°31	6°42
F 15	21 33 36	22° 2'53	22° 2	29°24	11°12	6°51	10°59	0° 2	29°45	15° 0	17°31	6°44
S 16	21 37 33	23° 0'37	23° 2	5♁3	12°50	7°29	11° 5	0° 5	29°46	15° 1	17°32	6°46
S 17	21 41 29	23°58'22	24° 2	10°33	14°27	8° 7	11°10	0° 7	29°47	15° 1	17°32	6°48
M18	21 45 26	24°56'09	25° 1	15°53	16° 5	8°45	11°15	0° 9	29°48	15° 2	17°32	6°50
T 19	21 49 22	25°53'57	26° 0	21° 4	17°42	9°23	11°20	0°11	29°48	15° 2	17°32	6°52
W20	21 53 19	26°51'47	26°59	26° 5	19°20	10° 1	11°26	0°13	29°49	15° 2	17°33	6°54
T 21	21 57 16	27°49'39	27°58	0♁56	20°57	10°39	11°31	0°15	29°50	15° 3	17°33	6°56
F 22	22 1 12	28°47'32	28°56	5°38	22°35	11°17	11°36	0°17	29°51	15° 3	17°33	6°58
S 23	22 5 9	29°45'28	29°54	10°11	24°12	11°55	11°41	0°19	29°51	15° 3	17°34	7° 1
S 24	22 9 5	0♁43'25	0♁52	14°35	25°50	12°33	11°46	0°22	29°52	15° 4	17°34	7° 3
M25	22 13 2	1°41'24	1°49	18°51	27°28	13°11	11°52	0°24	29°53	15° 4	17°34	7° 5
T 26	22 16 58	2°39'25	2°46	22°59	29° 5	13°49	11°57	0°26	29°54	15° 4	17°34	7° 7
W27	22 20 55	3°37'28	3°43	27° 0	0♁43	14°27	12° 2	0°28	29°55	15° 5	17°35	7° 9
T 28	22 24 51	4°35'33	4°40	0♁53	2°20	15° 5	12° 7	0°30	29°55	15° 5	17°35	7°11
F 29	22 28 48	5°33'39	5°36	4°40	3°58	15°43	12°13	0°32	29°56	15° 6	17°35	7°13
S 30	22 32 45	6°31'47	6°33	8°20	5°35	16°21	12°18	0°34	29°57	15° 6	17°35	7°15
S 31	22 36 41	7♁29'57	7♁29	11♁55	7♁13	16♁58	12♁23	0♁37	29♁58	15♁6	17♁36	7♁17

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SWISS EPHEMERIS for the year 1704
heliocentric

SEPTEMBER 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
M 1	22 40 38	8 ^h 28'08"	8 ^h 25'	15 ^h 24'	8 ^h 50'	17 ^h 36'	12 ^h 28'	0 ^h 39'	29 ^h 58'	15 ^h 7'	17 ^h 36'	7 ^h 19'
T 2	22 44 34	9 ^h 26'21"	9 ^h 22'	18 ^h 49'	10 ^h 27'	18 ^h 14'	12 ^h 34'	0 ^h 41'	29 ^h 59'	15 ^h 7'	17 ^h 36'	7 ^h 21'
W 3	22 48 31	10 ^h 24'36"	10 ^h 19'	22 ^h 8'	12 ^h 5'	18 ^h 52'	12 ^h 39'	0 ^h 43'	29 ^h 59'	15 ^h 7'	17 ^h 37'	7 ^h 23'
T 4	22 52 27	11 ^h 22'52"	11 ^h 16'	25 ^h 24'	13 ^h 42'	19 ^h 29'	12 ^h 44'	0 ^h 45'	0 ^h 1'	15 ^h 8'	17 ^h 37'	7 ^h 25'
F 5	22 56 24	12 ^h 21'10"	12 ^h 13'	28 ^h 35'	15 ^h 20'	20 ^h 7'	12 ^h 49'	0 ^h 47'	0 ^h 1'	15 ^h 8'	17 ^h 37'	7 ^h 27'
S 6	23 0 20	13 ^h 19'30"	13 ^h 11'	1 ^h 43'	16 ^h 57'	20 ^h 45'	12 ^h 54'	0 ^h 49'	0 ^h 2'	15 ^h 9'	17 ^h 37'	7 ^h 29'
S 7	23 4 17	14 ^h 17'51"	14 ^h 9'	4 ^h 47'	18 ^h 34'	21 ^h 22'	13 ^h 0'	0 ^h 52'	0 ^h 3'	15 ^h 9'	17 ^h 38'	7 ^h 31'
M 8	23 8 14	15 ^h 16'14"	15 ^h 8'	7 ^h 48'	20 ^h 11'	22 ^h 0'	13 ^h 5'	0 ^h 54'	0 ^h 4'	15 ^h 9'	17 ^h 38'	7 ^h 33'
T 9	23 12 10	16 ^h 14'38"	16 ^h 7'	10 ^h 47'	21 ^h 49'	22 ^h 38'	13 ^h 10'	0 ^h 56'	0 ^h 4'	15 ^h 10'	17 ^h 38'	7 ^h 35'
W10	23 16 7	17 ^h 13'04"	17 ^h 7'	13 ^h 43'	23 ^h 26'	23 ^h 15'	13 ^h 15'	0 ^h 58'	0 ^h 5'	15 ^h 10'	17 ^h 39'	7 ^h 37'
T 11	23 20 3	18 ^h 11'32"	18 ^h 6'	16 ^h 37'	25 ^h 3'	23 ^h 53'	13 ^h 21'	1 ^h 0'	0 ^h 6'	15 ^h 10'	17 ^h 39'	7 ^h 39'
F 12	23 24 0	19 ^h 10'01"	19 ^h 7'	19 ^h 29'	26 ^h 40'	24 ^h 30'	13 ^h 26'	1 ^h 2'	0 ^h 7'	15 ^h 11'	17 ^h 39'	7 ^h 41'
S 13	23 27 56	20 ^h 8'32"	20 ^h 7'	22 ^h 19'	28 ^h 17'	25 ^h 8'	13 ^h 31'	1 ^h 4'	0 ^h 7'	15 ^h 11'	17 ^h 39'	7 ^h 43'
S 14	23 31 53	21 ^h 7'04"	21 ^h 8'	25 ^h 8'	29 ^h 55'	25 ^h 45'	13 ^h 36'	1 ^h 7'	0 ^h 8'	15 ^h 11'	17 ^h 40'	7 ^h 45'
M15	23 35 49	22 ^h 5'39"	22 ^h 8'	27 ^h 56'	1 ^h 32'	26 ^h 23'	13 ^h 41'	1 ^h 9'	0 ^h 9'	15 ^h 12'	17 ^h 40'	7 ^h 47'
T 16	23 39 46	23 ^h 4'15"	23 ^h 9'	0 ^h 42'	3 ^h 9'	27 ^h 0'	13 ^h 47'	1 ^h 11'	0 ^h 10'	15 ^h 12'	17 ^h 40'	7 ^h 50'
W17	23 43 43	24 ^h 2'54"	24 ^h 9'	3 ^h 28'	4 ^h 46'	27 ^h 38'	13 ^h 52'	1 ^h 13'	0 ^h 10'	15 ^h 13'	17 ^h 41'	7 ^h 52'
T 18	23 47 39	25 ^h 1'35"	25 ^h 9'	6 ^h 13'	6 ^h 23'	28 ^h 15'	13 ^h 57'	1 ^h 15'	0 ^h 11'	15 ^h 13'	17 ^h 41'	7 ^h 54'
F 19	23 51 36	26 ^h 0'19"	26 ^h 9'	8 ^h 58'	8 ^h 0'	28 ^h 52'	14 ^h 2'	1 ^h 17'	0 ^h 12'	15 ^h 13'	17 ^h 41'	7 ^h 56'
S 20	23 55 32	26 ^h 59'04"	27 ^h 8'	11 ^h 43'	9 ^h 36'	29 ^h 29'	14 ^h 8'	1 ^h 19'	0 ^h 13'	15 ^h 14'	17 ^h 41'	7 ^h 58'
S 21	23 59 29	27 ^h 57'52"	28 ^h 7'	14 ^h 28'	11 ^h 13'	0 ^h 7'	14 ^h 13'	1 ^h 22'	0 ^h 13'	15 ^h 14'	17 ^h 42'	8 ^h 0'
M22	0 3 25	28 ^h 56'42"	29 ^h 6'	17 ^h 13'	12 ^h 50'	0 ^h 44'	14 ^h 18'	1 ^h 24'	0 ^h 14'	15 ^h 14'	17 ^h 42'	8 ^h 2'
T 23	0 7 22	29 ^h 55'35"	0 ^h 4'	19 ^h 58'	14 ^h 27'	1 ^h 21'	14 ^h 23'	1 ^h 26'	0 ^h 15'	15 ^h 15'	17 ^h 42'	8 ^h 4'
W24	0 11 18	0 ^h 54'30"	1 ^h 2'	22 ^h 44'	16 ^h 4'	1 ^h 58'	14 ^h 28'	1 ^h 28'	0 ^h 16'	15 ^h 15'	17 ^h 42'	8 ^h 6'
T 25	0 15 15	1 ^h 53'26"	2 ^h 0'	25 ^h 31'	17 ^h 40'	2 ^h 35'	14 ^h 34'	1 ^h 30'	0 ^h 16'	15 ^h 15'	17 ^h 43'	8 ^h 8'
F 26	0 19 12	2 ^h 52'26"	2 ^h 58'	28 ^h 19'	19 ^h 17'	3 ^h 12'	14 ^h 39'	1 ^h 32'	0 ^h 17'	15 ^h 16'	17 ^h 43'	8 ^h 10'
S 27	0 23 8	3 ^h 51'27"	3 ^h 55'	1 ^h 38'	20 ^h 53'	3 ^h 49'	14 ^h 44'	1 ^h 34'	0 ^h 18'	15 ^h 16'	17 ^h 43'	8 ^h 12'
S 28	0 27 5	4 ^h 50'30"	4 ^h 52'	3 ^h 58'	22 ^h 30'	4 ^h 26'	14 ^h 49'	1 ^h 37'	0 ^h 19'	15 ^h 17'	17 ^h 44'	8 ^h 14'
M29	0 31 1	5 ^h 49'36"	5 ^h 50'	6 ^h 51'	24 ^h 6'	5 ^h 3'	14 ^h 54'	1 ^h 39'	0 ^h 19'	15 ^h 17'	17 ^h 44'	8 ^h 16'
T 30	0 34 58	6 ^h 48'43"	6 ^h 47'	9 ^h 45'	25 ^h 43'	5 ^h 40'	15 ^h 0'	1 ^h 41'	0 ^h 20'	15 ^h 17'	17 ^h 44'	8 ^h 18'

Delta T = 7.86 sec.

Greg. Calendar

OCTOBER 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
W 1	0 38 54	7 ^h 47'53"	7 ^h 44'	12 ^h 34'	27 ^h 19'	6 ^h 17'	15 ^h 5'	1 ^h 34'	0 ^h 21'	15 ^h 18'	17 ^h 44'	8 ^h 20'
T 2	0 42 51	8 ^h 47'04"	8 ^h 42'	15 ^h 40'	28 ^h 56'	6 ^h 54'	15 ^h 10'	1 ^h 45'	0 ^h 22'	15 ^h 18'	17 ^h 45'	8 ^h 22'
F 3	0 46 47	9 ^h 46'18"	9 ^h 40'	18 ^h 42'	0 ^h 32'	7 ^h 31'	15 ^h 15'	1 ^h 47'	0 ^h 22'	15 ^h 18'	17 ^h 45'	8 ^h 24'
S 4	0 50 44	10 ^h 45'33"	10 ^h 38'	21 ^h 46'	2 ^h 8'	8 ^h 7'	15 ^h 21'	1 ^h 49'	0 ^h 23'	15 ^h 19'	17 ^h 45'	8 ^h 26'
S 5	0 54 40	11 ^h 44'50"	11 ^h 37'	24 ^h 54'	3 ^h 44'	8 ^h 44'	15 ^h 26'	1 ^h 52'	0 ^h 24'	15 ^h 19'	17 ^h 46'	8 ^h 28'
M 6	0 58 37	12 ^h 44'09"	12 ^h 36'	28 ^h 5'	5 ^h 21'	9 ^h 21'	15 ^h 31'	1 ^h 54'	0 ^h 25'	15 ^h 20'	17 ^h 46'	8 ^h 30'
T 7	1 2 34	13 ^h 43'30"	13 ^h 35'	1 ^h 20'	6 ^h 57'	9 ^h 57'	15 ^h 36'	1 ^h 56'	0 ^h 25'	15 ^h 20'	17 ^h 46'	8 ^h 32'
W 8	1 6 30	14 ^h 42'53"	14 ^h 35'	4 ^h 39'	8 ^h 33'	10 ^h 34'	15 ^h 41'	1 ^h 58'	0 ^h 26'	15 ^h 20'	17 ^h 46'	8 ^h 34'
T 9	1 10 27	15 ^h 42'17"	15 ^h 35'	8 ^h 2'	10 ^h 9'	11 ^h 11'	15 ^h 47'	2 ^h 0'	0 ^h 27'	15 ^h 21'	17 ^h 47'	8 ^h 36'
F 10	1 14 23	16 ^h 41'43"	16 ^h 36'	11 ^h 30'	11 ^h 45'	11 ^h 47'	15 ^h 52'	2 ^h 2'	0 ^h 28'	15 ^h 21'	17 ^h 47'	8 ^h 38'
S 11	1 18 20	17 ^h 41'11"	17 ^h 37'	15 ^h 3'	13 ^h 21'	12 ^h 24'	15 ^h 57'	2 ^h 4'	0 ^h 29'	15 ^h 21'	17 ^h 47'	8 ^h 40'
S 12	1 22 16	18 ^h 40'40"	18 ^h 39'	18 ^h 42'	14 ^h 57'	13 ^h 0'	16 ^h 2'	2 ^h 7'	0 ^h 29'	15 ^h 22'	17 ^h 48'	8 ^h 42'
M13	1 26 13	19 ^h 40'12"	19 ^h 40'	22 ^h 26'	16 ^h 33'	13 ^h 36'	16 ^h 7'	2 ^h 9'	0 ^h 30'	15 ^h 22'	17 ^h 48'	8 ^h 44'
T 14	1 30 9	20 ^h 39'45"	20 ^h 41'	26 ^h 16'	18 ^h 8'	14 ^h 13'	16 ^h 13'	2 ^h 11'	0 ^h 31'	15 ^h 22'	17 ^h 48'	8 ^h 46'
W15	1 34 6	21 ^h 39'21"	21 ^h 43'	0 ^h 13'	19 ^h 44'	14 ^h 49'	16 ^h 18'	2 ^h 13'	0 ^h 32'	15 ^h 23'	17 ^h 48'	8 ^h 48'
T 16	1 38 3	22 ^h 38'59"	22 ^h 44'	4 ^h 17'	21 ^h 20'	15 ^h 25'	16 ^h 23'	2 ^h 15'	0 ^h 32'	15 ^h 23'	17 ^h 49'	8 ^h 50'
F 17	1 41 59	23 ^h 38'39"	23 ^h 45'	8 ^h 28'	22 ^h 55'	16 ^h 1'	16 ^h 28'	2 ^h 17'	0 ^h 33'	15 ^h 24'	17 ^h 49'	8 ^h 52'
S 18	1 45 56	24 ^h 38'21"	24 ^h 46'	12 ^h 47'	24 ^h 31'	16 ^h 37'	16 ^h 33'	2 ^h 20'	0 ^h 34'	15 ^h 24'	17 ^h 49'	8 ^h 54'
S 19	1 49 52	25 ^h 38'06"	25 ^h 47'	17 ^h 13'	26 ^h 7'	17 ^h 13'	16 ^h 39'	2 ^h 22'	0 ^h 35'	15 ^h 24'	17 ^h 49'	8 ^h 56'
M20	1 53 49	26 ^h 37'53"	26 ^h 47'	21 ^h 48'	27 ^h 42'	17 ^h 49'	16 ^h 44'	2 ^h 24'	0 ^h 35'	15 ^h 25'	17 ^h 50'	8 ^h 58'
T 21	1 57 45	27 ^h 37'42"	27 ^h 47'	26 ^h 32'	29 ^h 18'	18 ^h 25'	16 ^h 49'	2 ^h 26'	0 ^h 36'	15 ^h 25'	17 ^h 50'	9 ^h 0'
W22	2 1 42	28 ^h 37'33"	28 ^h 47'	1 ^h 24'	0 ^h 53'	19 ^h 1'	16 ^h 54'	2 ^h 28'	0 ^h 37'	15 ^h 25'	17 ^h 50'	9 ^h 2'
T 23	2 5 38	29 ^h 37'27"	29 ^h 46'	6 ^h 26'	2 ^h 29'	19 ^h 37'	16 ^h 59'	2 ^h 30'	0 ^h 38'	15 ^h 26'	17 ^h 51'	9 ^h 4'
F 24	2 9 35	0 ^h 37'23"	0 ^h 45'	11 ^h 36'	4 ^h 4'	20 ^h 13'	17 ^h 5'	2 ^h 32'	0 ^h 38'	15 ^h 26'	17 ^h 51'	9 ^h 6'
S 25	2 13 32	1 ^h 37'20"	1 ^h 44'	16 ^h 56'	5 ^h 39'	20 ^h 49'	17 ^h 10'	2 ^h 35'	0 ^h 39'	15 ^h 26'	17 ^h 51'	9 ^h 8'
S 26	2 17 28	2 ^h 37'20"	2 ^h 42'	22 ^h 24'	7 ^h 15'	21 ^h 25'	17 ^h 15'	2 ^h 37'	0 ^h 40'	15 ^h 27'	17 ^h 51'	9 ^h 10'
M27	2 21 25	3 ^h 37'22"	3 ^h 40'	28 ^h 2'	8 ^h 50'	22 ^h 0'	17 ^h 20'	2 ^h 39'	0 ^h 41'	15 ^h 27'	17 ^h 52'	9 ^h 12'
T 28	2 25 21	4 ^h 37'26"	4 ^h 39'	3 ^h 47'	10 ^h 25'	22 ^h 36'	17 ^h 25'	2 ^h 41'	0 ^h 41'	15 ^h 28'	17 ^h 52'	9 ^h 14'
W29	2 29 18	5 ^h 37'32"	5 ^h 37'	9 ^h 41'	12 ^h 1'	23 ^h 11'	17 ^h 30'	2 ^h 43'	0 ^h 42'	15 ^h 28'	17 ^h 52'	9 ^h 16'
T 30	2 33 14	6 ^h 37'40"	6 ^h 35'	15 ^h 41'	13 ^h 36'	23 ^h 47'						

SWISS EPHEMERIS for the year 1704
heliocentric

NOVEMBER 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
S 1	2 41 7	8°38'01	8°32	28°8 0	16°46	24°58	17°46	2°50	0°44	15°29	17°53	9°22
S 2	2 45 4	9°38'14	9°31	4°16	18°21	25°33	17°51	2°52	0°45	15°29	17°53	9°24
M 3	2 49 1	10°38'29	10°31	10°34	19°56	26° 9	17°56	2°54	0°46	15°30	17°54	9°26
T 4	2 52 57	11°38'45	11°30	16°53	21°31	26°44	18° 2	2°56	0°47	15°30	17°54	9°28
W 5	2 56 54	12°39'02	12°30	23°12	23° 6	27°19	18° 7	2°58	0°47	15°31	17°54	9°30
T 6	3 0 50	13°39'21	13°31	29°28	24°41	27°54	18°12	3° 0	0°48	15°31	17°55	9°32
F 7	3 4 47	14°39'41	14°32	5°42	26°16	28°29	18°17	3° 2	0°49	15°31	17°55	9°34
S 8	3 8 43	15°40'03	15°34	11°50	27°51	29° 4	18°22	3° 5	0°50	15°32	17°55	9°36
S 9	3 12 40	16°40'26	16°36	17°52	29°26	29°39	18°28	3° 7	0°50	15°32	17°55	9°38
M10	3 16 36	17°40'50	17°38	23°48	1° 1	0°14	18°33	3° 9	0°51	15°32	17°56	9°40
T 11	3 20 33	18°41'16	18°40	29°35	2°36	0°49	18°38	3°11	0°52	15°33	17°56	9°42
W12	3 24 30	19°41'44	19°42	5°14	4°11	1°24	18°43	3°13	0°53	15°33	17°56	9°44
T 13	3 28 26	20°42'13	20°45	10°43	5°46	1°59	18°48	3°15	0°53	15°33	17°56	9°46
F 14	3 32 23	21°42'44	21°47	16° 3	7°21	2°33	18°53	3°18	0°54	15°34	17°57	9°48
S 15	3 36 19	22°43'17	22°49	21°13	8°56	3° 8	18°59	3°20	0°55	15°34	17°57	9°50
S 16	3 40 16	23°43'51	23°51	26°14	10°31	3°43	19° 4	3°22	0°56	15°35	17°57	9°52
M17	3 44 12	24°44'28	24°53	1° 5	12° 6	4°17	19° 9	3°24	0°57	15°35	17°58	9°54
T 18	3 48 9	25°45'05	25°54	5°47	13°40	4°52	19°14	3°26	0°57	15°35	17°58	9°56
W19	3 52 5	26°45'45	26°55	10°20	15°15	5°26	19°19	3°28	0°58	15°36	17°58	9°58
T 20	3 56 2	27°46'26	27°56	14°44	16°50	6° 1	19°24	3°30	0°59	15°36	17°58	10° 0
F 21	3 59 59	28°47'08	28°56	18°59	18°25	6°35	19°30	3°33	1° 0	15°36	17°59	10° 2
S 22	4 3 55	29°47'53	29°56	23° 7	20° 0	7° 9	19°35	3°35	1° 0	15°37	17°59	10° 4
S 23	4 7 52	0°48'39	0°56	27° 7	21°35	7°43	19°40	3°37	1° 1	15°37	17°59	10° 6
M24	4 11 48	1°49'26	1°55	1° 1	23° 9	8°18	19°45	3°39	1° 2	15°38	18° 0	10° 8
T 25	4 15 45	2°50'15	2°54	4°47	24°44	8°52	19°50	3°41	1° 3	15°38	18° 0	10°10
W26	4 19 41	3°51'05	3°53	8°27	26°19	9°26	19°55	3°43	1° 3	15°38	18° 0	10°12
T 27	4 23 38	4°51'57	4°52	12° 2	27°54	10° 0	20° 1	3°45	1° 4	15°39	18° 0	10°14
F 28	4 27 34	5°52'50	5°51	15°31	29°29	10°34	20° 6	3°48	1° 5	15°39	18° 1	10°16
S 29	4 31 31	6°53'44	6°50	18°55	1° 4	11° 8	20°11	3°50	1° 6	15°39	18° 1	10°18
S 30	4 35 28	7°54'39	7°50	22°15	2°38	11°41	20°16	3°52	1° 6	15°40	18° 1	10°20

Delta T = 7.86 sec.

Greg. Calendar

DECEMBER 1704

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
M 1	4 39 24	8°55'34	8°49	25°30	4°13	12°15	20°21	3°54	1° 7	15°40	18° 2	10°22
T 2	4 43 21	9°56'31	9°49	28°41	5°48	12°49	20°27	3°56	1° 8	15°40	18° 2	10°24
W 3	4 47 17	10°57'28	10°49	1°48	7°23	13°22	20°32	3°58	1° 9	15°41	18° 2	10°26
T 4	4 51 14	11°58'26	11°50	4°53	8°58	13°56	20°37	4° 1	1° 9	15°41	18° 2	10°28
F 5	4 55 10	12°59'25	12°51	7°54	10°33	14°30	20°42	4° 3	1°10	15°42	18° 3	10°30
S 6	4 59 7	14° 0'24	13°53	10°53	12° 8	15° 3	20°47	4° 5	1°11	15°42	18° 3	10°32
S 7	5 3 3	15° 1'23	14°54	13°49	13°43	15°36	20°52	4° 7	1°12	15°42	18° 3	10°34
M 8	5 7 0	16° 2'23	15°57	16°43	15°17	16°10	20°57	4° 9	1°12	15°43	18° 4	10°36
T 9	5 10 57	17° 3'24	16°59	19°35	16°52	16°43	21° 3	4°11	1°13	15°43	18° 4	10°38
W10	5 14 53	18° 4'26	18° 2	22°25	18°27	17°16	21° 8	4°13	1°14	15°43	18° 4	10°40
T 11	5 18 50	19° 5'28	19° 5	25°14	20° 2	17°50	21°13	4°16	1°15	15°44	18° 4	10°42
F 12	5 22 46	20° 6'31	20° 8	28° 1	21°37	18°23	21°18	4°18	1°15	15°44	18° 5	10°44
S 13	5 26 43	21° 7'35	21°11	0°48	23°12	18°56	21°23	4°20	1°16	15°45	18° 5	10°46
S 14	5 30 39	22° 8'40	22°13	3°34	24°47	19°29	21°28	4°22	1°17	15°45	18° 5	10°48
M15	5 34 36	23° 9'45	23°16	6°19	26°22	20° 2	21°34	4°24	1°18	15°45	18° 6	10°50
T 16	5 38 33	24°10'51	24°18	9° 4	27°57	20°35	21°39	4°26	1°18	15°46	18° 6	10°52
W17	5 42 29	25°11'57	25°20	11°48	29°32	21° 8	21°44	4°29	1°19	15°46	18° 6	10°54
T 18	5 46 26	26°13'04	26°22	14°33	1° 7	21°40	21°49	4°31	1°20	15°46	18° 6	10°56
F 19	5 50 22	27°14'12	27°24	17°18	2°43	22°13	21°54	4°33	1°21	15°47	18° 7	10°58
S 20	5 54 19	28°15'21	28°25	20° 3	4°18	22°46	21°59	4°35	1°22	15°47	18° 7	11° 0
S 21	5 58 15	29°16'30	29°25	22°49	5°53	23°18	22° 5	4°37	1°22	15°47	18° 7	11° 2
M22	6 2 12	0°17'39	0°26	25°36	7°28	23°51	22°10	4°39	1°23	15°48	18° 7	11° 4
T 23	6 6 8	1°18'50	1°26	28°24	9° 3	24°24	22°15	4°41	1°24	15°48	18° 8	11° 6
W24	6 10 5	2°20'01	2°25	1°13	10°38	24°56	22°20	4°44	1°25	15°49	18° 8	11° 8
T 25	6 14 2	3°21'12	3°25	4° 4	12°13	25°28	22°25	4°46	1°25	15°49	18° 8	11°10
F 26	6 17 58	4°22'24	4°24	6°56	13°49	26° 1	22°30	4°48	1°26	15°49	18° 9	11°11
S 27	6 21 55	5°23'36	5°23	9°50	15°24	26°33	22°35	4°50	1°27	15°50	18° 9	11°13
S 28	6 25 51	6°24'48	6°22	12°47	16°59	27° 5	22°41	4°52	1°28	15°50	18° 9	11°15
M29	6 29 48	7°25'59	7°22	15°46	18°35	27°37	22°46	4°54	1°28	15°50	18° 9	11°17
T 30	6 33 44	8°27'11	8°21	18°48	20°10	28°10	22°51	4°57	1°29	15°51	18°10	11°19
W31	6 37 41	9°28'22	9°21	21°52	21°45	28°42	22°56	4°59	1°30	15°51	18°10	11°21

Delta T = 7.86 sec.

Greg. Calendar

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