

SWISS EPHEMERIS for the year 1696
heliocentric

JANUARY 1696 GC

00:00 UT

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

Delta T = 7.78 sec. Greg. Calendar

FEBRUARY 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
W 1	8 44 35	12 ⁰ 13'43	12 ⁰ 18	21 ¹ 39	27 ¹ 52	23 ⁰ 37	19 ¹ 5	18 ³ 50	21 ¹ 34	25 ¹ 59	3 ⁰ 59	25 ⁵ 5
T 2	8 48 32	13 ⁰ 14'33	13 ⁰ 17	24 ⁰ 27	29 ⁰ 30	24 ⁰ 3	19 ⁰ 10	18 ⁰ 52	21 ⁰ 34	25 ⁰ 59	3 ⁰ 59	25 ⁰ 7
F 3	8 52 28	14 ⁰ 15'22	14 ⁰ 16	27 ⁰ 37	1 ¹ 7	24 ⁰ 29	19 ⁰ 14	18 ⁰ 54	21 ⁰ 35	26 ⁰ 0	3 ⁰ 59	25 ⁰ 9
S 4	8 56 25	15 ⁰ 16'09	15 ⁰ 15	0 ² 52	2 ⁰ 44	24 ⁰ 56	19 ⁰ 19	18 ⁰ 56	21 ⁰ 36	26 ⁰ 0	4 ⁰ 0	25 ⁰ 11
S 5	9 0 21	16 ⁰ 16'55	16 ⁰ 13	4 ⁰ 10	4 ⁰ 21	25 ⁰ 22	19 ⁰ 23	18 ⁰ 58	21 ⁰ 37	26 ⁰ 0	4 ⁰ 0	25 ⁰ 13
M 6	9 4 18	17 ⁰ 17'39	17 ⁰ 12	7 ⁰ 33	5 ⁰ 58	25 ⁰ 48	19 ⁰ 28	18 ⁰ 59	21 ⁰ 37	26 ⁰ 1	4 ⁰ 0	25 ⁰ 15
T 7	9 8 15	18 ⁰ 18'22	18 ⁰ 12	11 ⁰ 1	7 ⁰ 35	26 ⁰ 14	19 ⁰ 32	19 ⁰ 1	21 ⁰ 38	26 ⁰ 1	4 ⁰ 0	25 ⁰ 17
W 8	9 12 11	19 ⁰ 19'03	19 ⁰ 11	14 ⁰ 33	9 ⁰ 11	26 ⁰ 41	19 ⁰ 37	19 ⁰ 3	21 ⁰ 39	26 ⁰ 1	4 ⁰ 0	25 ⁰ 19
T 9	9 16 8	20 ⁰ 19'43	20 ⁰ 11	18 ⁰ 11	10 ⁰ 48	27 ⁰ 7	19 ⁰ 42	19 ⁰ 5	21 ⁰ 39	26 ⁰ 2	4 ⁰ 1	25 ⁰ 21
F 10	9 20 4	21 ⁰ 20'21	21 ⁰ 11	21 ⁰ 55	12 ⁰ 25	27 ⁰ 33	19 ⁰ 46	19 ⁰ 7	21 ⁰ 40	26 ⁰ 2	4 ⁰ 1	25 ⁰ 23
S 11	9 24 1	22 ⁰ 20'57	22 ⁰ 12	25 ⁰ 45	14 ⁰ 2	27 ⁰ 59	19 ⁰ 51	19 ⁰ 8	21 ⁰ 41	26 ⁰ 2	4 ⁰ 1	25 ⁰ 25
S 12	9 27 57	23 ⁰ 21'32	23 ⁰ 13	29 ⁰ 41	15 ⁰ 39	28 ⁰ 25	19 ⁰ 55	19 ⁰ 10	21 ⁰ 42	26 ⁰ 3	4 ⁰ 1	25 ⁰ 27
M 13	9 31 54	24 ⁰ 22'04	24 ⁰ 14	3 ¹ 44	17 ⁰ 15	28 ⁰ 52	20 ⁰ 0	19 ⁰ 12	21 ⁰ 42	26 ⁰ 3	4 ⁰ 2	25 ⁰ 29
T 14	9 35 50	25 ⁰ 22'35	25 ⁰ 16	7 ⁰ 54	18 ⁰ 52	29 ⁰ 18	20 ⁰ 4	19 ⁰ 14	21 ⁰ 43	26 ⁰ 4	4 ⁰ 2	25 ⁰ 31
W 15	9 39 47	26 ⁰ 23'04	26 ⁰ 18	12 ⁰ 12	20 ⁰ 29	29 ⁰ 44	20 ⁰ 9	19 ⁰ 16	21 ⁰ 44	26 ⁰ 4	4 ⁰ 2	25 ⁰ 33
T 16	9 43 44	27 ⁰ 23'31	27 ⁰ 20	16 ⁰ 38	22 ⁰ 5	0 ¹ 10	20 ⁰ 13	19 ⁰ 17	21 ⁰ 44	26 ⁰ 4	4 ⁰ 2	25 ⁰ 35
F 17	9 47 40	28 ⁰ 23'57	28 ⁰ 22	21 ⁰ 12	23 ⁰ 42	0 ³ 37	20 ⁰ 18	19 ⁰ 19	21 ⁰ 45	26 ⁰ 5	4 ⁰ 3	25 ⁰ 37
S 18	9 51 37	29 ⁰ 24'21	29 ⁰ 24	25 ⁰ 55	25 ⁰ 18	1 ⁰ 3	20 ⁰ 23	19 ⁰ 21	21 ⁰ 46	26 ⁰ 5	4 ⁰ 3	25 ⁰ 39
S 19	9 55 33	0 ¹ 24'43	0 ¹ 26	0 ¹ 46	26 ⁰ 54	1 ⁰ 29	20 ⁰ 27	19 ⁰ 23	21 ⁰ 47	26 ⁰ 5	4 ⁰ 3	25 ⁰ 41
M 20	9 59 30	1 ⁰ 25'03	1 ⁰ 28	5 ⁰ 46	28 ⁰ 31	1 ⁰ 55	20 ⁰ 32	19 ⁰ 25	21 ⁰ 47	26 ⁰ 6	4 ⁰ 3	25 ⁰ 44
T 21	10 3 26	2 ⁰ 25'22	2 ⁰ 30	10 ⁰ 56	0 ¹ 7	2 ⁰ 21	20 ⁰ 36	19 ⁰ 26	21 ⁰ 48	26 ⁰ 6	4 ⁰ 4	25 ⁰ 46
W 22	10 7 23	3 ⁰ 25'40	3 ⁰ 32	16 ⁰ 15	1 ⁰ 43	2 ⁰ 48	20 ⁰ 41	19 ⁰ 28	21 ⁰ 49	26 ⁰ 6	4 ⁰ 4	25 ⁰ 48
T 23	10 11 19	4 ⁰ 25'55	4 ⁰ 33	21 ⁰ 42	3 ⁰ 20	3 ⁰ 14	20 ⁰ 45	19 ⁰ 30	21 ⁰ 49	26 ⁰ 7	4 ⁰ 4	25 ⁰ 50
F 24	10 15 16	5 ⁰ 26'10	5 ⁰ 34	27 ⁰ 19	4 ⁰ 56	3 ⁰ 40	20 ⁰ 50	19 ⁰ 32	21 ⁰ 50	26 ⁰ 7	4 ⁰ 4	25 ⁰ 52
S 25	10 19 12	6 ⁰ 26'22	6 ⁰ 35	3 ¹ 4	6 ⁰ 32	4 ⁰ 6	20 ⁰ 54	19 ⁰ 34	21 ⁰ 51	26 ⁰ 8	4 ⁰ 5	25 ⁰ 54
S 26	10 23 9	7 ⁰ 26'34	7 ⁰ 35	8 ⁰ 56	8 ⁰ 8	4 ⁰ 32	20 ⁰ 59	19 ⁰ 35	21 ⁰ 52	26 ⁰ 8	4 ⁰ 5	25 ⁰ 56
M 27	10 27 6	8 ⁰ 26'43	8 ⁰ 35	14 ⁰ 56	9 ⁰ 44	4 ⁰ 59	21 ⁰ 4	19 ⁰ 37	21 ⁰ 52	26 ⁰ 8	4 ⁰ 5	25 ⁰ 58
T 28	10 31 2	9 ⁰ 26'52	9 ⁰ 35	21 ⁰ 2	11 ⁰ 20	5 ⁰ 25	21 ⁰ 8	19 ⁰ 39	21 ⁰ 53	26 ⁰ 9	4 ⁰ 5	26 ⁰ 0
W 29	10 34 59	10 ⁰ 26'59	10 ^{0</}									

SWISS EPHEMERIS for the year 1696
heliocentric

MARCH 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
T 1	10 38 55	11 ^h 27'04	11 ^h 32	3 ^h 29	14 ^m 32	6 ^m 17	21 ^m 17	19 ^h 34	21 ^h 54	26 ^h 9	4 ^h 6	26 ^h 4
F 2	10 42 52	12 ^h 27'07	12 ^h 30	9 ^h 47	16 ^h 8	6 ^h 44	21 ^h 22	19 ^h 45	21 ^h 55	26 ^h 10	4 ^h 6	26 ^h 6
S 3	10 46 48	13 ^h 27'08	13 ^h 28	16 ^h 6	17 ^h 44	7 ^h 10	21 ^h 26	19 ^h 46	21 ^h 56	26 ^h 10	4 ^h 6	26 ^h 8
S 4	10 50 45	14 ^h 27'08	14 ^h 26	22 ^h 25	19 ^h 19	7 ^h 36	21 ^h 31	19 ^h 48	21 ^h 57	26 ^h 10	4 ^h 7	26 ^h 10
M 5	10 54 41	15 ^h 27'06	15 ^h 24	28 ^h 42	20 ^h 55	8 ^h 2	21 ^h 35	19 ^h 50	21 ^h 57	26 ^h 11	4 ^h 7	26 ^h 12
T 6	10 58 38	16 ^h 27'01	16 ^h 22	4 ^h 55	22 ^h 31	8 ^h 29	21 ^h 40	19 ^h 52	21 ^h 58	26 ^h 11	4 ^h 7	26 ^h 14
W 7	11 2 35	17 ^h 26'55	17 ^h 21	11 ^h 4	24 ^h 6	8 ^h 55	21 ^h 45	19 ^h 54	21 ^h 59	26 ^h 12	4 ^h 7	26 ^h 16
T 8	11 6 31	18 ^h 26'46	18 ^h 19	17 ^h 7	25 ^h 42	9 ^h 21	21 ^h 49	19 ^h 55	21 ^h 59	26 ^h 12	4 ^h 8	26 ^h 18
F 9	11 10 28	19 ^h 26'35	19 ^h 18	23 ^h 3	27 ^h 18	9 ^h 47	21 ^h 54	19 ^h 57	22 ^h 0	26 ^h 12	4 ^h 8	26 ^h 20
S 10	11 14 24	20 ^h 26'22	20 ^h 17	28 ^h 52	28 ^h 53	10 ^h 14	21 ^h 58	19 ^h 59	22 ^h 1	26 ^h 13	4 ^h 8	26 ^h 22
S 11	11 18 21	21 ^h 26'07	21 ^h 17	4 ^h 31	0 ^h 29	10 ^h 40	22 ^h 3	20 ^h 1	22 ^h 2	26 ^h 13	4 ^h 8	26 ^h 24
M 12	11 22 17	22 ^h 25'49	22 ^h 17	10 ^h 2	2 ^h 4	11 ^h 6	22 ^h 7	20 ^h 3	22 ^h 2	26 ^h 13	4 ^h 9	26 ^h 26
T 13	11 26 14	23 ^h 25'29	23 ^h 17	15 ^h 23	3 ^h 39	11 ^h 33	22 ^h 12	20 ^h 4	22 ^h 3	26 ^h 14	4 ^h 9	26 ^h 28
W 14	11 30 10	24 ^h 25'07	24 ^h 18	20 ^h 34	5 ^h 15	11 ^h 59	22 ^h 16	20 ^h 6	22 ^h 4	26 ^h 14	4 ^h 9	26 ^h 30
T 15	11 34 7	25 ^h 24'43	25 ^h 18	25 ^h 36	6 ^h 50	12 ^h 25	22 ^h 21	20 ^h 8	22 ^h 4	26 ^h 14	4 ^h 9	26 ^h 32
F 16	11 38 4	26 ^h 24'16	26 ^h 19	0 ^h 28	8 ^h 25	12 ^h 52	22 ^h 26	20 ^h 10	22 ^h 5	26 ^h 15	4 ^h 10	26 ^h 34
S 17	11 42 0	27 ^h 23'47	27 ^h 21	5 ^h 10	10 ^h 1	13 ^h 18	22 ^h 30	20 ^h 12	22 ^h 6	26 ^h 15	4 ^h 10	26 ^h 36
S 18	11 45 57	28 ^h 23'16	28 ^h 22	9 ^h 44	11 ^h 36	13 ^h 44	22 ^h 35	20 ^h 13	22 ^h 7	26 ^h 16	4 ^h 10	26 ^h 38
M 19	11 49 53	29 ^h 22'43	29 ^h 23	14 ^h 9	13 ^h 11	14 ^h 11	22 ^h 39	20 ^h 15	22 ^h 7	26 ^h 16	4 ^h 10	26 ^h 40
T 20	11 53 50	0 ^h 22'08	0 ^h 24	18 ^h 26	14 ^h 46	14 ^h 37	22 ^h 44	20 ^h 17	22 ^h 8	26 ^h 16	4 ^h 11	26 ^h 43
W 21	11 57 46	1 ^h 21'31	1 ^h 25	22 ^h 34	16 ^h 21	15 ^h 3	22 ^h 48	20 ^h 19	22 ^h 9	26 ^h 17	4 ^h 11	26 ^h 45
T 22	12 1 43	2 ^h 20'52	2 ^h 26	26 ^h 35	17 ^h 57	15 ^h 30	22 ^h 53	20 ^h 21	22 ^h 9	26 ^h 17	4 ^h 11	26 ^h 47
F 23	12 5 39	3 ^h 20'11	3 ^h 27	0 ^h 29	19 ^h 32	15 ^h 56	22 ^h 57	20 ^h 22	22 ^h 10	26 ^h 17	4 ^h 11	26 ^h 49
S 24	12 9 36	4 ^h 19'28	4 ^h 27	4 ^h 16	21 ^h 7	16 ^h 23	23 ^h 2	20 ^h 24	22 ^h 11	26 ^h 18	4 ^h 11	26 ^h 51
S 25	12 13 33	5 ^h 18'44	5 ^h 27	7 ^h 57	22 ^h 42	16 ^h 49	23 ^h 6	20 ^h 26	22 ^h 12	26 ^h 18	4 ^h 12	26 ^h 53
M 26	12 17 29	6 ^h 17'57	6 ^h 27	11 ^h 32	24 ^h 17	17 ^h 15	23 ^h 11	20 ^h 28	22 ^h 12	26 ^h 18	4 ^h 12	26 ^h 55
T 27	12 21 26	7 ^h 17'09	7 ^h 26	15 ^h 2	25 ^h 52	17 ^h 42	23 ^h 16	20 ^h 30	22 ^h 13	26 ^h 19	4 ^h 12	26 ^h 57
W 28	12 25 22	8 ^h 16'20	8 ^h 24	18 ^h 27	27 ^h 27	18 ^h 8	23 ^h 20	20 ^h 32	22 ^h 14	26 ^h 19	4 ^h 12	26 ^h 59
T 29	12 29 19	9 ^h 15'28	9 ^h 22	21 ^h 46	29 ^h 2	18 ^h 35	23 ^h 25	20 ^h 33	22 ^h 14	26 ^h 20	4 ^h 13	27 ^h 1
F 30	12 33 15	10 ^h 14'35	10 ^h 20	25 ^h 2	0 ^h 37	19 ^h 1	23 ^h 29	20 ^h 35	22 ^h 15	26 ^h 20	4 ^h 13	27 ^h 3
S 31	12 37 12	11 ^h 13'39	11 ^h 18	28 ^h 14	2 ^h 12	19 ^h 28	23 ^h 34	20 ^h 37	22 ^h 16	26 ^h 20	4 ^h 13	27 ^h 5

Delta T = 7.78 sec.

Greg. Calendar

APRIL 1696 GC

00:00 UT

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

SWISS EPHEMERIS for the year 1696
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MAY 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
T 1	14 39 25	11♁28'17	11♁29	27♃43	21♁13	3♁17	25♁55	21♃33	22♁38	26♁32	4♁21	28♁9
W 2	14 43 22	12°26'22	12°25	0♁58	22°48	3°44	25°59	21°35	22°39	26°32	4°21	28°11
T 3	14 47 18	13°24'24	13°22	4°17	24°23	4°11	26° 4	21°37	22°39	26°32	4°21	28°13
F 4	14 51 15	14°22'25	14°18	7°40	25°58	4°38	26° 8	21°39	22°40	26°33	4°22	28°15
S 5	14 55 11	15°20'25	15°14	11° 7	27°33	5° 6	26°13	21°40	22°41	26°33	4°22	28°17
S 6	14 59 8	16°18'22	16°11	14°40	29° 8	5°33	26°17	21°42	22°42	26°33	4°22	28°19
M 7	15 3 4	17°16'18	17° 8	18°18	0♁43	6° 0	26°22	21°44	22°42	26°34	4°22	28°21
T 8	15 7 1	18°14'11	18° 5	22° 2	2°18	6°27	26°27	21°46	22°43	26°34	4°23	28°24
W 9	15 10 57	19°12'03	19° 3	25°52	3°53	6°54	26°31	21°48	22°44	26°34	4°23	28°26
T 10	15 14 54	20° 9'54	20° 1	29°48	5°28	7°22	26°36	21°49	22°44	26°35	4°23	28°28
F 11	15 18 51	21° 7'42	20°59	3♁52	7° 3	7°49	26°40	21°51	22°45	26°35	4°23	28°30
S 12	15 22 47	22° 5'29	21°58	8° 2	8°38	8°16	26°45	21°53	22°46	26°36	4°23	28°32
S 13	15 26 44	23° 3'14	22°57	12°20	10°13	8°44	26°49	21°55	22°47	26°36	4°24	28°34
M14	15 30 40	24° 0'57	23°56	16°46	11°49	9°11	26°54	21°57	22°47	26°36	4°24	28°36
T 15	15 34 37	24°58'39	24°55	21°21	13°24	9°38	26°58	21°58	22°48	26°37	4°24	28°38
W16	15 38 33	25°56'20	25°54	26° 4	14°59	10° 6	27° 3	22° 0	22°49	26°37	4°24	28°40
T 17	15 42 30	26°53'59	26°54	0♁55	16°34	10°33	27° 7	22° 2	22°50	26°37	4°25	28°42
F 18	15 46 26	27°51'37	27°53	5°56	18°10	11° 1	27°12	22° 4	22°50	26°38	4°25	28°44
S 19	15 50 23	28°49'14	28°53	11° 6	19°45	11°28	27°16	22° 6	22°51	26°38	4°25	28°46
S 20	15 54 20	29°46'50	29°52	16°25	21°20	11°56	27°21	22° 8	22°52	26°39	4°25	28°49
M21	15 58 16	0♁44'24	0♁51	21°53	22°56	12°23	27°26	22° 9	22°52	26°39	4°26	28°51
T 22	16 2 13	1°41'58	1°50	27°29	24°31	12°51	27°30	22°11	22°53	26°39	4°26	28°53
W23	16 6 9	2°39'31	2°48	3♁15	26° 7	13°19	27°35	22°13	22°54	26°40	4°26	28°55
T 24	16 10 6	3°37'03	3°45	9° 7	27°42	13°46	27°39	22°15	22°55	26°40	4°26	28°57
F 25	16 14 2	4°34'34	4°43	15° 8	29°17	14°14	27°44	22°17	22°55	26°40	4°27	28°59
S 26	16 17 59	5°32'04	5°40	21°14	0♁53	14°42	27°48	22°18	22°56	26°41	4°27	29° 1
S 27	16 21 55	6°29'34	6°36	27°25	2°28	15°10	27°53	22°20	22°57	26°41	4°27	29° 3
M28	16 25 52	7°27'02	7°32	3♁41	4° 4	15°37	27°57	22°22	22°57	26°41	4°27	29° 5
T 29	16 29 49	8°24'30	8°28	9°59	5°40	16° 5	28° 2	22°24	22°58	26°42	4°28	29° 7
W30	16 33 45	9°21'58	9°24	16°18	7°15	16°33	28° 6	22°26	22°59	26°42	4°28	29°10
T 31	16 37 42	10♁19'24	10♁19	22♁37	8♁51	17♁ 1	28♁11	22♁27	23♁ 0	26♁43	4♁28	29♁12

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Greg. Calendar

JUNE 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
F 1	16 41 38	11♁16'49	11♁15	28♁54	10♁26	17♁29	28♁16	22♁29	23♁ 0	26♁43	4♁28	29♁14
S 2	16 45 35	12°14'14	12°10	5♁ 7	12° 2	17°57	28°20	22°31	23° 1	26°43	4°29	29°16
S 3	16 49 31	13°11'37	13° 6	11°16	13°38	18°25	28°25	22°33	23° 2	26°44	4°29	29°18
M 4	16 53 28	14° 9'00	14° 2	17°19	15°13	18°53	28°29	22°35	23° 2	26°44	4°29	29°20
T 5	16 57 24	15° 6'21	14°59	23°14	16°49	19°21	28°34	22°37	23° 3	26°44	4°29	29°22
W 6	17 1 21	16° 3'42	15°55	29° 2	18°25	19°49	28°38	22°38	23° 4	26°45	4°30	29°24
T 7	17 5 18	17° 1'01	16°52	4♁42	20° 1	20°17	28°43	22°40	23° 5	26°45	4°30	29°26
F 8	17 9 14	17°58'20	17°49	10°12	21°37	20°45	28°47	22°42	23° 5	26°45	4°30	29°28
S 9	17 13 11	18°55'37	18°47	15°32	23°12	21°13	28°52	22°44	23° 6	26°46	4°30	29°31
S 10	17 17 7	19°52'54	19°45	20°43	24°48	21°42	28°56	22°46	23° 7	26°46	4°31	29°33
M11	17 21 4	20°50'10	20°43	25°45	26°24	22°10	29° 1	22°47	23° 7	26°47	4°31	29°35
T 12	17 25 0	21°47'25	21°41	0♁37	28° 0	22°38	29° 5	22°49	23° 8	26°47	4°31	29°37
W13	17 28 57	22°44'39	22°40	5°19	29°36	23° 6	29°10	22°51	23° 9	26°47	4°31	29°39
T 14	17 32 53	23°41'53	23°39	9°53	1♁12	23°35	29°15	22°53	23°10	26°48	4°32	29°41
F 15	17 36 50	24°39'06	24°38	14°17	2°48	24° 3	29°19	22°55	23°10	26°48	4°32	29°43
S 16	17 40 47	25°36'19	25°37	18°33	4°24	24°32	29°24	22°56	23°11	26°48	4°32	29°45
S 17	17 44 43	26°33'32	26°36	22°42	6° 0	25° 0	29°28	22°58	23°12	26°49	4°32	29°47
M18	17 48 40	27°30'44	27°35	26°43	7°36	25°29	29°33	23° 0	23°12	26°49	4°33	29°49
T 19	17 52 36	28°27'56	28°34	0♁36	9°12	25°57	29°37	23° 2	23°13	26°49	4°33	29°52
W20	17 56 33	29°25'07	29°32	4°23	10°48	26°26	29°42	23° 4	23°14	26°50	4°33	29°54
T 21	18 0 29	0♁22'19	0♁30	8° 4	12°25	26°54	29°46	23° 6	23°15	26°50	4°33	29°56
F 22	18 4 26	1°19'31	1°28	11°39	14° 1	27°23	29°51	23° 7	23°15	26°51	4°34	29°58
S 23	18 8 22	2°16'43	2°25	15° 8	15°37	27°52	29°55	23° 9	23°16	26°51	4°34	0♁ 0
S 24	18 12 19	3°13'55	3°22	18°33	17°13	28°20	29°59	23°11	23°17	26°51	4°34	0° 2
M25	18 16 16	4°11'07	4°18	21°53	18°49	28°49	0♁ 4	23°13	23°17	26°52	4°34	0° 4
T 26	18 20 12	5° 8'19	5°14	25° 8	20°26	29°18	0° 9	23°15	23°18	26°52	4°35	0° 6
W27	18 24 9	6° 5'32	6°10	28°20	22° 2	29°47	0°14	23°16	23°19	26°52	4°35	0° 8
T 28	18 28 5	7° 2'44	7° 5	1♁27	23°39	0♁16	0°18	23°18	23°20	26°53	4°35	0°11
F 29	18 32 2	7°59'57	8° 1	4°32	25°15	0°45	0°23	23°20	23°20	26°53	4°35	0°13
S 30	18 35 58	8♁57'09	8♁56	7♁33	26♁51	1♁14	0♁27	23♁22	23♁21	26♁53	4♁36	0♁15

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SWISS EPHEMERIS for the year 1696
heliocentric

JULY 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
S 1	18 39 55	9°35'42"	9°52'	10♌32	28♃28	1♌43	0♁32	23♂24	23♁22	26♃54	4♁36	0♁17
M 2	18 43 52	10°51'35"	10°47'	13°28'	0♁11 4	2°12'	0°36'	23°26'	23°23'	26°54'	4°36'	0°19'
T 3	18 47 48	11°48'47"	11°43'	16°23'	1°41'	2°41'	0°41'	23°27'	23°23'	26°55'	4°36'	0°21'
W 4	18 51 45	12°46'00"	12°39'	19°15'	3°17'	3°10'	0°45'	23°29'	23°24'	26°55'	4°37'	0°23'
T 5	18 55 41	13°43'12"	13°35'	22° 5'	4°54'	3°39'	0°50'	23°31'	23°25'	26°55'	4°37'	0°25'
F 6	18 59 38	14°40'24"	14°32'	24°54'	6°31'	4° 9'	0°54'	23°33'	23°25'	26°56'	4°37'	0°28'
S 7	19 3 34	15°37'37"	15°29'	27°42'	8° 7'	4°38'	0°59'	23°35'	23°26'	26°56'	4°37'	0°30'
S 8	19 7 31	16°34'49"	16°26'	0♁28	9°44'	5° 7'	1° 3'	23°36'	23°27'	26°56'	4°38'	0°32'
M 9	19 11 27	17°32'02"	17°24'	3°14'	11°21'	5°37'	1° 8'	23°38'	23°28'	26°57'	4°38'	0°34'
T 10	19 15 24	18°29'14"	18°22'	5°59'	12°57'	6° 6'	1°13'	23°40'	23°28'	26°57'	4°38'	0°36'
W11	19 19 20	19°26'27"	19°20'	8°44'	14°34'	6°35'	1°17'	23°42'	23°29'	26°58'	4°38'	0°38'
T 12	19 23 17	20°23'40"	20°19'	11°29'	16°11'	7° 5'	1°22'	23°44'	23°30'	26°58'	4°39'	0°40'
F 13	19 27 14	21°20'53"	21°17'	14°14'	17°48'	7°35'	1°26'	23°45'	23°30'	26°58'	4°39'	0°42'
S 14	19 31 10	22°18'07"	22°17'	16°58'	19°25'	8° 4'	1°31'	23°47'	23°31'	26°59'	4°39'	0°45'
S 15	19 35 7	23°15'21"	23°16'	19°44'	21° 1'	8°34'	1°35'	23°49'	23°32'	26°59'	4°39'	0°47'
M16	19 39 3	24°12'35"	24°15'	22°30'	22°38'	9° 3'	1°40'	23°51'	23°33'	26°59'	4°40'	0°49'
T 17	19 43 0	25° 9'50"	25°14'	25°16'	24°15'	9°33'	1°44'	23°53'	23°33'	27° 0'	4°40'	0°51'
W18	19 46 56	26° 7'06"	26°13'	28° 4'	25°52'	10° 3'	1°49'	23°55'	23°34'	27° 0'	4°40'	0°53'
T 19	19 50 53	27° 4'22"	27°11'	0♁53	27°29'	10°33'	1°53'	23°56'	23°35'	27° 0'	4°40'	0°55'
F 20	19 54 50	28° 1'40"	28°10'	3°44'	29° 6'	11° 3'	1°58'	23°58'	23°35'	27° 1'	4°40'	0°57'
S 21	19 58 46	28°58'58"	29° 7'	6°36'	0♁43	11°33'	2° 2'	24° 0'	23°36'	27° 1'	4°41'	0°59'
S 22	20 2 43	29°56'18"	0♁5	9°30'	2°20'	12° 3'	2° 7'	24° 2'	23°37'	27° 2'	4°41'	1° 2'
M23	20 6 39	0♁53'39"	1° 2'	12°27'	3°57'	12°33'	2°11'	24° 4'	23°38'	27° 2'	4°41'	1° 4'
T 24	20 10 36	1°51'00"	1°58'	15°25'	5°35'	13° 3'	2°16'	24° 5'	23°38'	27° 2'	4°41'	1° 6'
W25	20 14 32	2°48'23"	2°55'	18°27'	7°12'	13°33'	2°21'	24° 7'	23°39'	27° 3'	4°42'	1° 8'
T 26	20 18 29	3°45'47"	3°51'	21°31'	8°49'	14° 3'	2°25'	24° 9'	23°40'	27° 3'	4°42'	1°10'
F 27	20 22 25	4°43'12"	4°47'	24°39'	10°26'	14°33'	2°30'	24°11'	23°40'	27° 3'	4°42'	1°12'
S 28	20 26 22	5°40'38"	5°42'	27°50'	12° 3'	15° 3'	2°34'	24°13'	23°41'	27° 4'	4°42'	1°14'
S 29	20 30 19	6°38'04"	6°38'	1♁4	13°41'	15°34'	2°39'	24°15'	23°42'	27° 4'	4°43'	1°17'
M30	20 34 15	7°35'32"	7°34'	4°23'	15°18'	16° 4'	2°43'	24°16'	23°43'	27° 4'	4°43'	1°19'
T 31	20 38 12	8°33'00"	8°30'	7♁46	16♁55	16♌34	2°48'	24♂18	23♁43	27♃5	4♁43	1♁21

Delta T = 7.78 sec. Greg. Calendar

AUGUST 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
W 1	20 42 8	9°30'30"	9°26'	11♁14	18♁33	17♌5	2°52'	24♂20	23♁44	27♃5	4♁43	1♁23
T 2	20 46 5	10°28'00"	10°22'	14°47'	20°10'	17°35'	2°57'	24°22'	23°45'	27° 6'	4°44'	1°25'
F 3	20 50 1	11°25'31"	11°18'	18°25'	21°47'	18° 6'	3° 1'	24°24'	23°45'	27° 6'	4°44'	1°27'
S 4	20 53 58	12°23'04"	12°15'	22° 9'	23°25'	18°37'	3° 6'	24°25'	23°46'	27° 6'	4°44'	1°29'
S 5	20 57 54	13°20'37"	13°12'	25°59'	25° 2'	19° 7'	3°10'	24°27'	23°47'	27° 7'	4°44'	1°32'
M 6	21 1 51	14°18'11"	14° 9'	29°56'	26°39'	19°38'	3°15'	24°29'	23°48'	27° 7'	4°45'	1°34'
T 7	21 5 47	15°15'45"	15° 7'	3♁59	28°17'	20° 9'	3°19'	24°31'	23°48'	27° 7'	4°45'	1°36'
W 8	21 9 44	16°13'21"	16° 5'	8°10'	29°54'	20°39'	3°24'	24°33'	23°49'	27° 8'	4°45'	1°38'
T 9	21 13 41	17°10'58"	17° 4'	12°29'	1♁32	21°10'	3°29'	24°35'	23°50'	27° 8'	4°45'	1°40'
F 10	21 17 37	18° 8'36"	18° 3'	16°55'	3° 9'	21°41'	3°33'	24°36'	23°50'	27° 8'	4°46'	1°42'
S 11	21 21 34	19° 6'15"	19° 2'	21°29'	4°47'	22°12'	3°38'	24°38'	23°51'	27° 9'	4°46'	1°44'
S 12	21 25 30	20° 3'55"	20° 2'	26°13'	6°24'	22°43'	3°42'	24°40'	23°52'	27° 9'	4°46'	1°47'
M13	21 29 27	21° 1'36"	21° 1'	1♁5	8° 2'	23°14'	3°47'	24°42'	23°53'	27°10'	4°46'	1°49'
T 14	21 33 23	21°59'19"	22° 1'	6° 6'	9°39'	23°45'	3°51'	24°44'	23°53'	27°10'	4°47'	1°51'
W15	21 37 20	22°57'03"	23° 1'	11°16'	11°17'	24°17'	3°56'	24°45'	23°54'	27°10'	4°47'	1°53'
T 16	21 41 17	23°54'48"	24° 0'	16°35'	12°54'	24°48'	4° 0'	24°47'	23°55'	27°11'	4°47'	1°55'
F 17	21 45 13	24°52'35"	24°50'	22° 3'	14°32'	25°19'	4° 5'	24°49'	23°56'	27°11'	4°47'	1°57'
S 18	21 49 10	25°50'24"	25°58'	27°40'	16° 9'	25°50'	4° 9'	24°51'	23°56'	27°11'	4°48'	2° 0'
S 19	21 53 6	26°48'15"	26°57'	3♁25	17°47'	26°22'	4°14'	24°53'	23°57'	27°12'	4°48'	2° 2'
M20	21 57 3	27°46'07"	27°55'	9°19'	19°25'	26°53'	4°18'	24°54'	23°58'	27°12'	4°48'	2° 4'
T 21	22 0 59	28°44'02"	28°53'	15°19'	21° 2'	27°25'	4°23'	24°56'	23°58'	27°12'	4°48'	2° 6'
W22	22 4 56	29°41'58"	29°50'	21°25'	22°40'	27°56'	4°27'	24°58'	23°59'	27°13'	4°49'	2° 8'
T 23	22 8 52	0♁39'56"	0♁47'	27°37'	24°17'	28°28'	4°32'	25° 0'	24° 0'	27°13'	4°49'	2°10'
F 24	22 12 49	1°37'56"	1°44'	3♁53	25°55'	29° 0'	4°37'	25° 2'	24° 1'	27°14'	4°49'	2°12'
S 25	22 16 45	2°35'58"	2°40'	10°11'	27°32'	29°31'	4°41'	25° 4'	24° 1'	27°14'	4°49'	2°15'
S 26	22 20 42	3°34'01"	3°37'	16°30'	29°10'	0♁3	4°46'	25° 5'	24° 2'	27°14'	4°50'	2°17'
M27	22 24 39	4°32'06"	4°33'	22°48'	0♁47	0°35	4°50'	25° 7'	24° 3'	27°15'	4°50'	2°19'
T 28	22 28 35	5°30'13"	5°30'	29° 5'	2°25'	1° 7'	4°55'	25° 9'	24° 3'	27°15'	4°50'	2°21'
W29	22 32 32	6°28'21"	6°26'	5♁19	4° 2'	1°39'	4°59'	25°11'	24° 4'	27°15'	4°50'	2°23'
T 30	22 36 28	7°26'31"	7°23'	11°27'	5°40'	2°11'	5° 4'	25°13'	24° 5'	27°16'	4°51'	2°25'
F 31	22 40 25	8°24'43"	8°19'	17♁30	7♁17	2♁43	5♁8	25♂14	24♁6	27♃16	4♁51	2♁28

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SWISS EPHEMERIS for the year 1696
heliocentric

SEPTEMBER 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♁	♂	♄	♃	♅	♁	♆	♄	♂
S 1	22 44 21	9 ^h 22 ^m 56 ^s	9 ^h 16 ^m	23 ^h 25 ^m	8 ^h 55 ^m	3 ^h 15 ^m	5 ^h 13 ^m	25 ^h 16 ^m	24 ^h 11 ^m	27 ^h 16 ^m	4 ^h 51 ^m	2 ^h 30 ^m
S 2	22 48 18	10°21'11"	10°13'	29°13'	10°32'	3°47'	5°17'	25°18'	24° 7'	27°17'	4°51'	2°32'
M 3	22 52 14	11°19'27"	11°11'	4 ^h 52 ^m	12° 9'	4°19'	5°22'	25°20'	24° 8'	27°17'	4°52'	2°34'
T 4	22 56 11	12°17'45"	12° 9'	10°22'	13°47'	4°51'	5°26'	25°22'	24° 8'	27°18'	4°52'	2°36'
W 5	23 0 8	13°16'05"	13° 7'	15°42'	15°24'	5°24'	5°31'	25°24'	24° 9'	27°18'	4°52'	2°38'
T 6	23 4 4	14°14'26"	14° 6'	20°53'	17° 2'	5°56'	5°35'	25°25'	24°10'	27°18'	4°52'	2°41'
F 7	23 8 1	15°12'49"	15° 5'	25°54'	18°39'	6°28'	5°40'	25°27'	24°11'	27°19'	4°53'	2°43'
S 8	23 11 57	16°11'13"	16° 5'	0 ^h 46 ^m	20°16'	7° 1'	5°45'	25°29'	24°11'	27°19'	4°53'	2°45'
S 9	23 15 54	17° 9'39"	17° 5'	5°28'	21°53'	7°34'	5°49'	25°31'	24°12'	27°19'	4°53'	2°47'
M10	23 19 50	18° 8'07"	18° 5'	10° 1'	23°31'	8° 6'	5°54'	25°33'	24°13'	27°20'	4°53'	2°49'
T 11	23 23 47	19° 6'36"	19° 6'	14°25'	25° 8'	8°39'	5°58'	25°34'	24°13'	27°20'	4°54'	2°51'
W12	23 27 43	20° 5'07"	20° 6'	18°41'	26°45'	9°12'	6° 3'	25°36'	24°14'	27°20'	4°54'	2°54'
T 13	23 31 40	21° 3'40"	21° 7'	22°49'	28°22'	9°44'	6° 7'	25°38'	24°15'	27°21'	4°54'	2°56'
F 14	23 35 37	22° 2'16"	22° 7'	26°50'	29°59'	10°17'	6°12'	25°40'	24°16'	27°21'	4°54'	2°58'
S 15	23 39 33	23° 0'53"	23° 7'	0 ^h 44 ^m	1 ^h 36 ^m	10°50'	6°16'	25°42'	24°16'	27°22'	4°55'	3° 0'
S 16	23 43 30	23°59'33"	24° 7'	4°30'	3°13'	11°23'	6°21'	25°44'	24°17'	27°22'	4°55'	3° 2'
M17	23 47 26	24°58'15"	25° 7'	8°11'	4°50'	11°56'	6°25'	25°45'	24°18'	27°22'	4°55'	3° 4'
T 18	23 51 23	25°56'59"	26° 6'	11°46'	6°27'	12°29'	6°30'	25°47'	24°18'	27°23'	4°55'	3° 7'
W19	23 55 19	26°55'46"	27° 5'	15°15'	8° 4'	13° 2'	6°34'	25°49'	24°19'	27°23'	4°55'	3° 9'
T 20	23 59 16	27°54'34"	28° 3'	18°39'	9°41'	13°35'	6°39'	25°51'	24°20'	27°23'	4°56'	3°11'
F 21	0 3 12	28°53'25"	29° 1'	21°59'	11°18'	14° 9'	6°43'	25°53'	24°21'	27°24'	4°56'	3°13'
S 22	0 7 9	29°52'19"	29°59'	25°14'	12°55'	14°42'	6°48'	25°54'	24°21'	27°24'	4°56'	3°15'
S 23	0 11 6	0 ^h 51 ^m 14 ^s	0 ^h 57 ^m	28°26'	14°31'	15°15'	6°52'	25°56'	24°22'	27°24'	4°56'	3°17'
M24	0 15 2	1°50'12"	1°54'	1 ^h 33 ^m	16° 8'	15°49'	6°57'	25°58'	24°23'	27°25'	4°57'	3°20'
T 25	0 18 59	2°49'11"	2°52'	4°38'	17°45'	16°22'	7° 2'	26° 0'	24°23'	27°25'	4°57'	3°22'
W26	0 22 55	3°48'13"	3°49'	7°39'	19°21'	16°56'	7° 6'	26° 2'	24°24'	27°26'	4°57'	3°24'
T 27	0 26 52	4°47'17"	4°46'	10°38'	20°58'	17°29'	7°11'	26° 4'	24°25'	27°26'	4°57'	3°26'
F 28	0 30 48	5°46'23"	5°43'	13°34'	22°35'	18° 3'	7°15'	26° 5'	24°26'	27°26'	4°58'	3°28'
S 29	0 34 45	6°45'31"	6°41'	16°28'	24°11'	18°36'	7°20'	26° 7'	24°26'	27°27'	4°58'	3°31'
S 30	0 38 41	7 ^h 44 ^m 41 ^s	7 ^h 39 ^m	19 ^h 20 ^m	25 ^h 47 ^m	19 ^h 10 ^m	7 ^h 24 ^m	26 ^h 3 ^m	24 ^h 27 ^m	27 ^h 27 ^m	4 ^h 58 ^m	3 ^h 33 ^m

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Greg. Calendar

OCTOBER 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♁	♂	♄	♃	♅	♁	♆	♄	♂
M 1	0 42 38	8 ^h 43 ^m 53 ^s	8 ^h 37 ^m	22 ^h 10 ^m	27 ^h 24 ^m	19 ^h 44 ^m	7 ^h 29 ^m	26 ^h 11 ^m	24 ^h 28 ^m	27 ^h 27 ^m	4 ^h 58 ^m	3 ^h 35 ^m
T 2	0 46 34	9°43'06"	9°35'	24°59'	29° 0'	20°18'	7°33'	26°13'	24°29'	27°28'	4°59'	3°37'
W 3	0 50 31	10°42'22"	10°34'	27°47'	0 ^h 36 ^m	20°52'	7°38'	26°14'	24°29'	27°28'	4°59'	3°39'
T 4	0 54 28	11°41'39"	11°33'	0 ^h 34 ^m	2°13'	21°26'	7°42'	26°16'	24°30'	27°28'	4°59'	3°41'
F 5	0 58 24	12°40'58"	12°33'	3°19'	3°49'	22° 0'	7°47'	26°18'	24°31'	27°29'	4°59'	3°44'
S 6	1 2 21	13°40'19"	13°33'	6° 5'	5°25'	22°34'	7°51'	26°20'	24°31'	27°29'	5° 0'	3°46'
S 7	1 6 17	14°39'41"	14°33'	8°49'	7° 1'	23° 8'	7°56'	26°22'	24°32'	27°30'	5° 0'	3°48'
M 8	1 10 14	15°39'05"	15°34'	11°34'	8°37'	23°42'	8° 0'	26°24'	24°33'	27°30'	5° 0'	3°50'
T 9	1 14 10	16°38'31"	16°35'	14°19'	10°13'	24°16'	8° 5'	26°25'	24°34'	27°30'	5° 0'	3°52'
W10	1 18 7	17°37'59"	17°36'	17° 4'	11°49'	24°51'	8° 9'	26°27'	24°34'	27°31'	5° 1'	3°55'
T 11	1 22 3	18°37'29"	18°38'	19°49'	13°25'	25°25'	8°14'	26°29'	24°35'	27°31'	5° 1'	3°57'
F 12	1 26 0	19°37'01"	19°40'	22°35'	15° 1'	26° 0'	8°19'	26°31'	24°36'	27°31'	5° 1'	3°59'
S 13	1 29 57	20°36'36"	20°41'	25°22'	16°37'	26°34'	8°23'	26°33'	24°36'	27°32'	5° 1'	4° 1'
S 14	1 33 53	21°36'12"	21°42'	28°10'	18°13'	27° 9'	8°28'	26°34'	24°37'	27°32'	5° 2'	4° 3'
M15	1 37 50	22°35'51"	22°43'	0 ^h 35 ^m	19°49'	27°43'	8°32'	26°36'	24°38'	27°32'	5° 2'	4° 6'
T 16	1 41 46	23°35'32"	23°44'	3°49'	21°24'	28°18'	8°37'	26°38'	24°39'	27°33'	5° 2'	4° 8'
W17	1 45 43	24°35'15"	24°44'	6°42'	23° 0'	28°53'	8°41'	26°40'	24°39'	27°33'	5° 2'	4°10'
T 18	1 49 39	25°35'00"	25°44'	9°36'	24°36'	29°27'	8°46'	26°42'	24°40'	27°34'	5° 3'	4°12'
F 19	1 53 36	26°34'48"	26°44'	12°32'	26°11'	0 ^h 3 ^m	8°50'	26°44'	24°41'	27°34'	5° 3'	4°14'
S 20	1 57 32	27°34'38"	27°43'	15°31'	27°47'	0°37'	8°55'	26°45'	24°41'	27°34'	5° 3'	4°17'
S 21	2 1 29	28°34'30"	28°42'	18°32'	29°22'	1°12'	8°59'	26°47'	24°42'	27°35'	5° 3'	4°19'
M22	2 5 26	29°34'24"	29°41'	21°37'	0 ^h 58 ^m	1°47'	9° 4'	26°49'	24°43'	27°35'	5° 4'	4°21'
T 23	2 9 22	0 ^h 34 ^m 21 ^s	0 ^h 40 ^m	24°44'	2°33'	2°22'	9° 8'	26°51'	24°44'	27°35'	5° 4'	4°23'
W24	2 13 19	1°34'19"	1°38'	27°56'	4° 8'	2°57'	9°13'	26°53'	24°44'	27°36'	5° 4'	4°25'
T 25	2 17 15	2°34'20"	2°36'	1 ^h 10 ^m	5°44'	3°32'	9°17'	26°54'	24°45'	27°36'	5° 4'	4°28'
F 26	2 21 12	3°34'22"	3°34'	4°29'	7°19'	4° 7'	9°22'	26°56'	24°46'	27°36'	5° 5'	4°30'
S 27	2 25 8	4°34'27"	4°33'	7°53'	8°54'	4°43'	9°26'	26°58'	24°46'	27°37'	5° 5'	4°32'
S 28	2 29 5	5°34'33"	5°31'	11°21'	10°30'	5°18'	9°31'	27° 0'	24°47'	27°37'	5° 5'	4°34'
M29	2 33 1	6°34'41"	6°30'	14°54'	12° 5'	5°53'	9°36'	27° 2'	24°48'	27°38'	5° 5'	4°36'
T 30	2 36 58	7°34'51"	7°28'	18°32'	13°40'	6°29'	9°40'	27° 4'	24°49'	27°38'	5° 6'	4°39'
W31	2 40 55	8 ^h 35 ^m 02 ^s	8 ^h 28 ^m	22 ^h 16 ^m	15 ^h 15 ^m	7 ^h 3 ^m	9 ^h 45 ^m	27 ^h 3 ^m	24 ^h 49 ^m	27 ^h 38 ^m	5 ^h 6 ^m	4 ^h 41 ^m

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Greg. Calendar

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SWISS EPHEMERIS for the year 1696
heliocentric

NOVEMBER 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
T 1	2 44 51	9♃35'15	9♃27	26♁ 7	16♁7'50	7♃40	9♁49	27♃ 7	24♁50	27♁39	5♁ 6	4♁43
F 2	2 48 48	10°35'30	10°27	0♁ 3	18°26	8°15	9°54	27° 9	24°51	27°39	5° 6	4°45
S 3	2 52 44	11°35'45	11°27	4° 7	20° 1	8°51	9°58	27°11	24°51	27°39	5° 7	4°47
S 4	2 56 41	12°36'03	12°28	8°18	21°36	9°27	10° 3	27°13	24°52	27°40	5° 7	4°50
M 5	3 0 37	13°36'21	13°29	12°37	23°11	10° 2	10° 7	27°14	24°53	27°40	5° 7	4°52
T 6	3 4 34	14°36'41	14°31	17° 3	24°46	10°38	10°12	27°16	24°54	27°41	5° 7	4°54
W 7	3 8 30	15°37'03	15°33	21°38	26°21	11°14	10°16	27°18	24°54	27°41	5° 8	4°56
T 8	3 12 27	16°37'26	16°35	26°21	27°56	11°50	10°21	27°20	24°55	27°41	5° 8	4°58
F 9	3 16 23	17°37'51	17°37	1♁14	29°31	12°26	10°25	27°22	24°56	27°42	5° 8	5° 1
S 10	3 20 20	18°38'17	18°40	6°15	1♃ 6	13° 2	10°30	27°24	24°57	27°42	5° 8	5° 3
S 11	3 24 17	19°38'45	19°42	11°25	2°41	13°38	10°34	27°25	24°57	27°42	5° 9	5° 5
M12	3 28 13	20°39'15	20°44	16°45	4°15	14°14	10°39	27°27	24°58	27°43	5° 9	5° 7
T 13	3 32 10	21°39'47	21°46	22°13	5°50	14°50	10°44	27°29	24°59	27°43	5° 9	5°10
W14	3 36 6	22°40'20	22°48	27°51	7°25	15°26	10°48	27°31	24°59	27°43	5° 9	5°12
T 15	3 40 3	23°40'55	23°50	3♃36	9° 0	16° 2	10°53	27°33	25° 0	27°44	5°10	5°14
F 16	3 43 59	24°41'32	24°51	9°30	10°35	16°39	10°57	27°35	25° 1	27°44	5°10	5°16
S 17	3 47 56	25°42'10	25°51	15°30	12°10	17°15	11° 2	27°36	25° 2	27°45	5°10	5°18
S 18	3 51 53	26°42'50	26°52	21°37	13°45	17°51	11° 6	27°38	25° 2	27°45	5°10	5°21
M19	3 55 49	27°43'32	27°52	27°49	15°20	18°28	11°11	27°40	25° 3	27°45	5°11	5°23
T 20	3 59 46	28°44'15	28°52	4♁ 4	16°54	19° 4	11°15	27°42	25° 4	27°46	5°11	5°25
W21	4 3 42	29°45'00	29°51	10°22	18°29	19°41	11°20	27°44	25° 4	27°46	5°11	5°27
T 22	4 7 39	0♁45'46	0♁51	16°42	20° 4	20°17	11°24	27°45	25° 5	27°46	5°11	5°30
F 23	4 11 35	1°46'34	1°50	23° 0	21°39	20°54	11°29	27°47	25° 6	27°47	5°12	5°32
S 24	4 15 32	2°47'23	2°49	29°17	23°14	21°30	11°33	27°49	25° 7	27°47	5°12	5°34
S 25	4 19 28	3°48'14	3°48	5♃30	24°48	22° 7	11°38	27°51	25° 7	27°47	5°12	5°36
M26	4 23 25	4°49'06	4°47	11°39	26°23	22°44	11°42	27°53	25° 8	27°48	5°12	5°38
T 27	4 27 22	5°49'59	5°46	17°41	27°58	23°20	11°47	27°55	25° 9	27°48	5°13	5°41
W28	4 31 18	6°50'53	6°45	23°36	29°33	23°57	11°51	27°56	25° 9	27°49	5°13	5°43
T 29	4 35 15	7°51'47	7°45	29°24	1♁ 8	24°34	11°56	27°58	25°10	27°49	5°13	5°45
F 30	4 39 11	8♁52'43	8♁55	5♁ 3	2♁43	25♃11	12♁ 1	28♃ 0	25♁11	27♁49	5♁13	5♁47

Delta T = 7.79 sec.

Greg. Calendar

DECEMBER 1696 GC

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
S 1	4 43 8	9♁53'39	9♁45	10♁32	4♁17	25♃48	12♁ 5	28♃ 2	25♁12	27♁50	5♁14	5♁50
S 2	4 47 4	10°54'36	10°46	15°52	5°52	26°25	12°10	28° 4	25°12	27°50	5°14	5°52
M 3	4 51 1	11°55'34	11°47	21° 3	7°27	27° 2	12°14	28° 6	25°13	27°50	5°14	5°54
T 4	4 54 57	12°56'32	12°49	26° 3	9° 2	27°39	12°19	28° 7	25°14	27°51	5°14	5°56
W 5	4 58 54	13°57'31	13°51	0♁55	10°37	28°16	12°23	28° 9	25°14	27°51	5°15	5°59
T 6	5 2 51	14°58'30	14°54	5°37	12°12	28°53	12°28	28°11	25°15	27°51	5°15	6° 1
F 7	5 6 47	15°59'30	15°56	10° 9	13°47	29°30	12°32	28°13	25°16	27°52	5°15	6° 3
S 8	5 10 44	17° 0'31	16°59	14°34	15°22	0♁ 7	12°37	28°15	25°17	27°52	5°15	6° 5
S 9	5 14 40	18° 1'33	18° 2	18°49	16°57	0°45	12°41	28°16	25°17	27°53	5°15	6° 7
M10	5 18 37	19° 2'35	19° 5	22°57	18°32	1°22	12°46	28°18	25°18	27°53	5°16	6°10
T 11	5 22 33	20° 3'38	20° 8	26°58	20° 6	1°59	12°50	28°20	25°19	27°53	5°16	6°12
W12	5 26 30	21° 4'42	21°10	0♁51	21°41	2°36	12°55	28°22	25°20	27°54	5°16	6°14
T 13	5 30 26	22° 5'47	22°13	4°37	23°16	3°14	12°59	28°24	25°20	27°54	5°16	6°16
F 14	5 34 23	23° 6'52	23°15	8°18	24°51	3°51	13° 4	28°26	25°21	27°54	5°17	6°19
S 15	5 38 20	24° 7'58	24°17	11°52	26°26	4°29	13° 9	28°27	25°22	27°55	5°17	6°21
S 16	5 42 16	25° 9'05	25°18	15°22	28° 1	5° 6	13°13	28°29	25°22	27°55	5°17	6°23
M17	5 46 13	26°10'13	26°20	18°46	29°37	5°43	13°18	28°31	25°23	27°55	5°17	6°25
T 18	5 50 9	27°11'21	27°20	22° 5	1♁12	6°21	13°22	28°33	25°24	27°56	5°18	6°28
W19	5 54 6	28°12'30	28°21	25°20	2°47	6°58	13°27	28°35	25°25	27°56	5°18	6°30
T 20	5 58 2	29°13'40	29°21	28°32	4°22	7°36	13°31	28°37	25°25	27°57	5°18	6°32
F 21	6 1 59	0♁14'50	0♁21	1♁39	5°57	8°14	13°36	28°38	25°26	27°57	5°18	6°34
S 22	6 5 55	1°16'01	1°20	4°44	7°32	8°51	13°40	28°40	25°27	27°57	5°19	6°37
S 23	6 9 52	2°17'12	2°20	7°45	9° 7	9°29	13°45	28°42	25°27	27°58	5°19	6°39
M24	6 13 49	3°18'23	3°19	10°44	10°42	10° 7	13°49	28°44	25°28	27°58	5°19	6°41
T 25	6 17 45	4°19'35	4°18	13°40	12°18	10°44	13°54	28°46	25°29	27°58	5°19	6°43
W26	6 21 42	5°20'47	5°18	16°34	13°53	11°22	13°58	28°47	25°30	27°59	5°20	6°46
T 27	6 25 38	6°21'58	6°17	19°26	15°28	12° 0	14° 3	28°49	25°30	27°59	5°20	6°48
F 28	6 29 35	7°23'10	7°17	22°16	17° 3	12°37	14° 7	28°51	25°31	28° 0	5°20	6°50
S 29	6 33 31	8°24'21	8°17	25° 5	18°39	13°15	14°12	28°53	25°32	28° 0	5°20	6°52
S 30	6 37 28	9°25'32	9°17	27°52	20°14	13°53	14°17	28°55	25°32	28° 0	5°21	6°55
M31	6 41 24	10♁26'42	10♁18	0♁39	21♁49	14♁31	14♁21	28♃57	25♁33	28♁ 1	5♁21	6♁57

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