

SWISS EPHEMERIS for the year 1656

JANUARY 1656 GC

00:00 UT

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

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	23s 5	10s13	2n35	20s46	2n 8	16s16	4n32	1s 3	0s17	7n 0	1s16	4n52	2n10	23s29	0s20	22s21	1n 8	13n56	8s49	20s43	20s32	18s 7	17s37	3n48
S 2	23 0	5 10	3 29	20 59	1 59	16 19	4 34	0 46	0 16	7 1	1 16	4 52	2 10	23 29	0 20	22 21	1 8	13 56	8 49	20 42	20 32	18 5	17 38	3 48
M 3	22 54	0n 7	4 14	21 13	1 51	16 21	4 37	0 29	0 14	7 3	1 15	4 53	2 10	23 28	0 20	22 21	1 8	13 56	8 49	20 42	20 33	18 2	17 38	3 48
T 4	22 48	5 28	4 48	21 26	1 42	16 25	4 39	0 12	0 13	7 5	1 15	4 53	2 11	23 28	0 20	22 21	1 8	13 56	8 49	20 42	20 34	18 0	17 39	3 49
W 5	22 42	10 44	5 10	21 40	1 33	16 29	4 40	0n 6	0 12	7 7	1 15	4 53	2 11	23 28	0 20	22 21	1 8	13 56	8 49	20 42	20 34	17 57	17 40	3 49
T 6	22 35	15 42	5 17	21 53	1 23	16 33	4 42	0 23	0 11	7 8	1 14	4 54	2 11	23 28	0 20	22 21	1 8	13 56	8 49	20 42	20 35	17 55	17 40	3 50
F 7	22 28	20 6	5 8	22 5	1 14	16 38	4 43	0 40	0 9	7 10	1 14	4 54	2 11	23 27	0 20	22 21	1 8	13 56	8 48	20 42	20 35	17 52	17 41	3 50
S 8	22 20	23 35	4 42	22 17	1 5	16 43	4 43	0 57	0 8	7 12	1 14	4 55	2 12	23 27	0 20	22 21	1 8	13 57	8 48	20 42	20 36	17 50	17 42	3 51
S 9	22 12	25 46	3 58	22 29	0 56	16 49	4 44	1 15	0 7	7 14	1 14	4 55	2 12	23 27	0 20	22 21	1 8	13 57	8 48	20 43	20 37	17 47	17 42	3 51
M10	22 3 26	17 2	5 7	22 40	0 48	16 55	4 44	1 32	0 6	7 17	1 13	4 56	2 12	23 27	0 20	22 21	1 8	13 57	8 48	20 43	20 37	17 45	17 43	3 51
T 11	21 54	24 55	1 43	22 50	0 39	17 1	4 44	1 49	0 5	7 19	1 13	4 56	2 13	23 26	0 20	22 21	1 8	13 57	8 48	20 43	20 38	17 42	17 43	3 52
W12	21 45	21 45	0 21	22 59	0 30	17 8	4 43	2 6	0 3	7 21	1 13	4 57	2 13	23 26	0 20	22 21	1 8	13 57	8 48	20 43	20 39	17 40	17 44	3 52
T 13	21 35	17 3	1s 3	23 7	0 22	17 15	4 43	2 23	0 2	7 23	1 12	4 58	2 1											

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FEBRUARY 1656 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	8 43 22	11 ⁵⁵ 57	11 ⁴¹	28 ⁵²	25 ²⁶	18 ⁵⁷	24 ³	21 ⁵⁸	11 ¹⁴	29 ¹⁹	15 ¹³	27 ²⁰	26 ⁴⁴	9 ³¹	9 ⁰
W 2	8 47 18	12 ⁵⁶ 45	24 ⁹	0 ²⁸	26 ²³	19 ³⁷	24 ¹²	21 ⁵⁵	11 ¹⁷	29 ²¹	15 ¹²	27 ¹⁹	26 ⁴¹	9 ³⁷	9 ⁴
T 3	8 51 15	13 ⁵⁷ 32	6 ⁵⁵	2 ⁴	27 ²¹	20 ¹⁸	24 ²¹	21 ⁵²	11 ²¹	29 ²²	15 ¹²	27 ¹⁸	26 ³⁷	9 ⁴⁴	9 ⁹
F 4	8 55 11	14 ⁵⁸ 18	20 ¹	3 ⁴¹	28 ¹⁹	20 ⁵⁸	24 ²⁹	21 ⁴⁸	11 ²⁴	29 ²⁴	15 ¹¹	27 ¹⁸	26 ³⁴	9 ⁵¹	9 ¹³
S 5	8 59 8	15 ⁵⁹ 02	3 ³¹	5 ²⁰	29 ¹⁷	21 ³⁹	24 ³⁹	21 ⁴⁵	11 ²⁷	29 ²⁶	15 ¹¹	27 ¹⁹	26 ³¹	9 ⁵⁷	9 ¹⁸
S 6	9 3 4	16 ⁵⁹ 44	17 ²⁶	6 ⁵⁸	0 ¹⁶	22 ¹⁹	24 ⁴⁸	21 ⁴²	11 ³⁰	29 ²⁸	15 ¹⁰	27 ²⁰	26 ²⁸	10 ⁴	9 ²²
M 7	9 7 1	18 ⁰ 25	1 ⁴⁷	8 ³⁸	1 ¹⁶	23 ⁰	24 ⁵⁷	21 ³⁸	11 ³³	29 ²⁹	15 ¹⁰	27 ²¹	26 ²⁵	10 ¹¹	9 ²⁶
T 8	9 10 57	19 ¹ 04	16 ³¹	10 ¹⁹	2 ¹⁶	23 ⁴⁰	25 ⁷	21 ³⁵	11 ³⁶	29 ³¹	15 ⁹	27 ²²	26 ²¹	10 ¹⁷	9 ³⁰
W 9	9 14 54	20 ¹ 41	1 ³³	12 ⁰	3 ¹⁶	24 ²¹	25 ¹⁶	21 ³¹	11 ³⁹	29 ³²	15 ⁹	27 ²²	26 ¹⁸	10 ²⁴	9 ³⁵
T 10	9 18 51	21 ² 17	16 ⁴⁶	13 ⁴²	4 ¹⁷	25 ¹	25 ²⁶	21 ²⁷	11 ⁴²	29 ³⁴	15 ⁸	27 ²²	26 ¹⁵	10 ³¹	9 ³⁹
F 11	9 22 47	22 ² 51	2 ⁰	15 ²⁵	5 ¹⁸	25 ⁴²	25 ³⁶	21 ²⁴	11 ⁴⁵	29 ³⁶	15 ⁸	27 ¹⁹	26 ¹²	10 ³⁷	9 ⁴²
S 12	9 26 44	23 ³ 24	17 ⁵	17 ⁹	6 ¹⁹	26 ²²	25 ⁴⁶	21 ²⁰	11 ⁴⁸	29 ³⁷	15 ⁸	27 ¹⁶	26 ⁹	10 ⁴⁴	9 ⁴⁶
S 13	9 30 40	24 ³ 55	1 ⁵¹	18 ⁵⁴	7 ²¹	27 ³	25 ⁵⁶	21 ¹⁶	11 ⁵¹	29 ³⁹	15 ⁷	27 ¹²	26 ⁶	10 ⁵⁰	9 ⁵⁰
M 14	9 34 37	25 ⁴ 25	16 ¹³	20 ⁴⁰	8 ²³	27 ⁴³	26 ⁶	21 ¹²	11 ⁵⁴	29 ⁴⁰	15 ⁷	27 ⁸	26 ²	10 ⁵⁷	9 ⁵⁴
T 15	9 38 33	26 ⁴ 54	0 ⁶	22 ²⁶	9 ²⁶	28 ²³	26 ¹⁶	21 ⁸	11 ⁵⁶	29 ⁴²	15 ⁷	27 ⁵	25 ⁵⁹	11 ⁴	9 ⁵⁷
W 16	9 42 30	27 ⁵ 21	13 ³¹	24 ¹⁴	10 ²⁸	29 ⁴	26 ²⁶	21 ⁴	11 ⁵⁹	29 ⁴³	15 ⁷	27 ³	25 ⁵⁶	11 ¹⁰	10 ¹
T 17	9 46 26	28 ⁵ 47	26 ²⁹	26 ³	11 ³¹	29 ⁴⁴	26 ³⁷	21 ⁰	12 ²	29 ⁴⁴	15 ⁶	27 ⁰	25 ⁵³	11 ¹⁷	10 ⁴
F 18	9 50 23	29 ⁶ 12	9 ²³	27 ⁵²	12 ³⁵	0 ²⁵	26 ⁴⁸	20 ⁵⁵	12 ⁵	29 ⁴⁶	15 ⁶	27 ²	25 ⁵⁰	11 ²⁴	10 ⁷
S 19	9 54 20	0 ³¹	6 ³⁵	21 ¹⁹	29 ⁴²	1 ⁵	26 ⁵⁸	20 ⁵¹	12 ⁷	29 ⁴⁷	15 ⁶	27 ⁴	25 ⁴⁷	11 ³⁰	10 ¹⁰
S 20	9 58 16	1 ⁶ 57	3 ²⁰	1 ³⁴	14 ⁴²	1 ⁴⁵	27 ⁹	20 ⁴⁷	12 ¹⁰	29 ⁴⁹	15 ⁶	27 ⁶	25 ⁴³	11 ³⁷	10 ¹³
M 21	10 2 13	2 ⁷ 17	15 ¹³	3 ²⁶	15 ⁴⁶	2 ²⁶	27 ²⁰	20 ⁴³	12 ¹³	29 ⁵⁰	15 ⁵	27 ⁷	25 ⁴⁰	11 ⁴⁴	10 ¹⁶
T 22	10 6 9	3 ⁷ 36	27 ⁰	5 ¹⁹	16 ⁵¹	3 ⁶	27 ³¹	20 ³⁸	12 ¹⁵	29 ⁵¹	15 ⁵	27 ⁸	25 ³⁷	11 ⁵⁰	10 ¹⁹
W 23	10 10 6	4 ⁷ 54	8 ⁴⁶	7 ¹²	17 ⁵⁵	3 ⁴⁶	27 ⁴²	20 ³⁴	12 ¹⁸	29 ⁵²	15 ⁵	27 ⁷	25 ³⁴	11 ⁵⁷	10 ²²
T 24	10 14 2	5 ⁸ 09	20 ³⁴	9 ⁷	19 ⁰	4 ²⁶	27 ⁵⁴	20 ²⁹	12 ²⁰	29 ⁵⁴	15 ⁵	27 ⁴	25 ³¹	12 ⁴	10 ²⁵
F 25	10 17 59	6 ⁸ 23	2 ²⁶	11 ¹	20 ⁵	5 ⁷	28 ⁵	20 ²⁵	12 ²³	29 ⁵⁵	15 ⁵	27 ⁰	25 ²⁷	12 ¹⁰	10 ²⁷
S 26	10 21 55	7 ⁸ 35	14 ²⁴	12 ⁵⁷	21 ¹¹	5 ⁴⁷	28 ¹⁶	20 ²⁰	12 ²⁵	29 ⁵⁶	15 ⁵	26 ⁵³	25 ²⁴	12 ¹⁷	10 ³⁰
S 27	10 25 52	8 ⁸ 45	26 ³⁰	14 ⁵²	22 ¹⁶	6 ²⁷	28 ²⁸	20 ¹⁶	12 ²⁸	29 ⁵⁷	15 ⁵	26 ⁴⁶	25 ²¹	12 ²⁴	10 ³²
M 28	10 29 49	9 ⁸ 53	8 ⁴⁶	16 ⁴⁸	23 ²²	7 ⁷	28 ³⁹	20 ¹¹	12 ³⁰	29 ⁵⁸	15 ⁵	26 ³⁸	25 ¹⁸	12 ³⁰	10 ³⁴
T 29	10 33 45	10 ⁸ 59	21 ¹¹	18 ⁴⁴	24 ²⁸	7 ⁴⁸	28 ⁵¹	20 ⁰	12 ³²	29 ⁵⁹	15 ⁵	26 ³⁰	25 ¹⁵	12 ³⁷	10 ³⁷

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	17s15	9n18	5n 5	22s 5	1s42	19s27	3n57	7n42	0n17	8n18	1s 7	5n18	2n18	23s21	0s21	22s21	1n 8	13n59	8s44	20s44	20s51	16s48	17s51	4n 2
W 2	16 58	14 17	5 16	21 48	1 45	19 33	3 53	7 58	0 18	8 22	1 7	5 20	2 18	23 21	0 21	22 21	1 8	13 59	8 44	20 44	20 52	16 46	17 51	4 3
T 3	16 40	18 45	5 12	21 30	1 49	19 38	3 50	8 14	0 19	8 25	1 7	5 21	2 18	23 20	0 21	22 21	1 8	13 59	8 43	20 44	20 52	16 43	17 51	4 4
F 4	16 23	22 28	4 52	21 11	1 52	19 43	3 46	8 30	0 20	8 29	1 6	5 23	2 19	23 20	0 21	22 21	1 8	13 59	8 43	20 44	20 53	16 41	17 51	4 4
S 5	16 5 25	5 4 16	20 50	1 55	19 47	3 42	8 46	0 20	8 32	1 6	5 24	2 19	23 20	0 21	22 21	1 8	14 0	8 43	20 44	20 53	16 38	17 51	4 5	
S 6	15 46	26 16	3 23	20 28	1 58	19 52	3 38	9 2	0 21	8 36	1 6	5 26	2 19	23 20	0 21	22 21	1 8	14 0	8 43	20 44	20 54	16 35	17 51	4 5
M 7	15 28	25 45	2 17	20 4	2 0	19 55	3 33	9 18	0 22	8 40	1 6	5 27	2 19	23 19	0 21	22 21	1 8	14 0	8 43	20 44	20 55	16 33	17 51	4 6
T 8	15 9	23 27	1 0	19 39	2 2	19 59	3 29	9 34	0 23	8 43	1 5	5 29	2 19	23 19	0 21	22 21	1 8	14 0	8 42	20 44	20 55	16 30	17 51	4 6
W 9	14 50	19 29	0s23	19 12	2 3	20 2	3 25	9 49	0 24	8 47	1 5	5 30	2 20	23 19	0 21	22 21	1 8	14 0	8 42	20 44	20 56	16 27	17 51	4 7
T 10	14 31	14 10	1 45	18 44	2 5	20 5	3 20	10 5	0 25	8 51	1 5	5 32	2 20	23 19	0 21	22 21	1 8	14 0	8 42	20 44	20 56	16 25	17 51	4 8
F 11	14 11	7 59	2 59	18 14	2 5	20 7	3 16	10 21	0 25	8 54	1 5	5 34	2 20	23 18	0 21	22 21	1 8	14 1	8 42	20 44	20 57	16 22	17 51	4 8
S 12	13 51	1 25	4 0	17 43	2 6	20 9	3 11	10 36	0 26	8 58	1 5	5 35	2 20	23 18	0 21	22 21	1 8	14 1	8 42	20 45	20 58	16 20	17 51	4 9
S 13	13 32	5s 5	4 44	17 10	2 5	20 10	3 7	10 51	0 27	9 2	1 4	5 37	2 20	23 18	0 21	22 21	1 8	14 1	8 41	20 46	20 58	16 17	17 51	4 9
M 14	13 11	11 8	5 8	16 36	2 5	20 11	3 2	11 7	0 28	9 6	1 4	5 39	2 21	23 18	0 21	22 21	1 8	14 1	8 41	20 46	20 59	16 14	17 51	4 10
T 15	12 51	16 25	5 14	16 1	2 4	20 12	2 58	11 22	0 28	9 10	1 4	5 41	2 21	23 18	0 21	22 21	1 8	14 1	8 41	20 47	20 59	16 12	17 51	4 11
W 16	12 30	20 42	5 1	15 23	2 2	20 12	2 53	11 37	0 29	9 14	1 4	5 42	2 21	23 17	0 21	22 21	1 8	14 2	8 41	20 47	21 0	16 9	17 51	4 11
T 17	12 9	23 50	4 34	14 45	2 0	20 11	2 48	11 52	0 30	9 18	1 3	5 44	2 21	23 17	0 21	22 21	1 8	14 2	8 40	20 48	21 1	16 6	17 51	4 12
F 18	11 48	25 42	3 54	14 5	1 58	20 11	2 44	12 7	0 31	9 22	1 3	5 46	2 21	23 17	0 21	22 21	1 8	14 2	8 40	20 47	21 1	16 4	17 51	4 12
S 19	11 27	26 15	3 4	13 23	1 55	20 9	2 39	12 22	0 31	9 26	1 3	5 48	2 21	23 17	0 21	22 21	1 8	14 2	8 40	20 47	21 2	16 1	17 51	4 13
S 20	11 6	25 33	2 7	12 40	1 51	20 7	2 34	12 36	0 32	9 30	1 3	5 50	2 22	23 16	0 21	22 21	1 8	14 2	8 40	20 47	21 2	15 59	17 50	4 14
M 21	10 44	23 41	1 5	11 56	1 47	20 5	2 29	12 51	0 33	9 34	1 3	5 52	2 22	23 16	0 21	22 21	1 8	14 3	8 39	20 46	21 3	15 56	17 50	4 14
T 22	10 23	20 49	0 1	11 10	1 43	20 2	2 24	13 6	0 33	9 38	1 2	5 53	2 22	23 16	0 21	22 21	1 8	14 3	8 39	20 46	21 4	15 53	17 50	4 15
W 23	10 1	17 5	1n 3	10 23	1 37	19 59	2 19	13 20	0 34	9 43	1 2	5 55	2 22	23 16	0 21	22 21	1 8	14 3	8 39	20 47	21 4	15 51	17 50	4 15
T 24	9 39	12 42	2 4	9 35	1 31	19 55	2 15</																	

SWISS EPHEMERIS for the year 1656

MARCH 1656 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	10 37 42	11♈ 9'03	3♉48	20♋39	25♌34	8♍28	29♎ 3	20°R 2	12♏35	0♐ 0	15♑ 5	26°R23	25♒12	12♓44	10♔39
T 2	10 41 38	12° 9'05	16°39	22°34	26°40	9° 8	29°15	19♐57	12°37	0° 1	15° 5	26♑18	25° 8	12°50	10°41
F 3	10 45 35	13° 9'05	29°46	24°28	27°47	9°48	29°27	19°52	12°39	0° 2	15° 5	26°15	25° 5	12°57	10°43
S 4	10 49 31	14° 9'03	13♐10	26°20	28°53	10°28	29°39	19°48	12°41	0° 3	15° 5	26°D14	25° 2	13° 4	10°44
S 5	10 53 28	15° 8'59	26°53	28°11	0♐ 0	11° 8	29°51	19°43	12°43	0° 4	15° 5	26°15	24°59	13°10	10°46
M 6	10 57 24	16° 8'52	10♑58	0♐ 0	1° 7	11°48	0♐ 3	19°38	12°45	0° 5	15° 6	26°16	24°56	13°17	10°48
T 7	11 1 21	17° 8'43	25°22	1°47	2°14	12°28	0°15	19°33	12°47	0° 6	15° 6	26°R16	24°53	13°23	10°49
W 8	11 5 18	18° 8'32	10♒ 5	3°30	3°22	13° 8	0°28	19°29	12°49	0° 7	15° 6	26°16	24°49	13°30	10°51
T 9	11 9 14	19° 8'19	25° 2	5°10	4°29	13°48	0°40	19°24	12°51	0° 7	15° 6	26°13	24°46	13°37	10°52
F 10	11 13 11	20° 8'03	10♓ 4	6°47	5°37	14°28	0°53	19°19	12°53	0° 8	15° 6	26° 7	24°43	13°43	10°53
S 11	11 17 7	21° 7'45	25° 3	8°18	6°44	15° 8	1° 5	19°14	12°55	0° 9	15° 7	26° 0	24°40	13°50	10°54
S 12	11 21 4	22° 7'26	9♈49	9°45	7°52	15°48	1°18	19°10	12°57	0° 9	15° 7	25°51	24°37	13°57	10°55
M13	11 25 0	23° 7'04	24°16	11° 6	9° 0	16°28	1°31	19° 5	12°59	0°10	15° 7	25°42	24°33	14° 3	10°56
T 14	11 28 57	24° 6'41	8♐16	12°22	10° 8	17° 8	1°43	19° 0	13° 0	0°11	15° 8	25°34	24°30	14°10	10°57
W15	11 32 53	25° 6'16	21°48	13°31	11°16	17°48	1°56	18°55	13° 2	0°11	15° 8	25°27	24°27	14°17	10°58
T 16	11 36 50	26° 5'49	4♌52	14°34	12°25	18°28	2° 9	18°51	13° 4	0°12	15° 8	25°22	24°24	14°23	10°58
F 17	11 40 47	27° 5'20	17°31	15°30	13°33	19° 8	2°22	18°46	13° 5	0°12	15° 9	25°20	24°21	14°30	10°59
S 18	11 44 43	28° 4'50	29°49	16°18	14°42	19°48	2°35	18°41	13° 7	0°13	15° 9	25°D20	24°18	14°37	10°59
S 19	11 48 40	29° 4'18	11♌51	17° 0	15°51	20°27	2°48	18°37	13° 8	0°13	15°10	25°20	24°14	14°43	10°59
M20	11 52 36	0♐ 3'44	23°43	17°33	16°59	21° 7	3° 1	18°32	13°10	0°14	15°10	25°R21	24°11	14°50	11° 0
T 21	11 56 33	1° 3'08	5♈29	18° 0	18° 8	21°47	3°14	18°28	13°11	0°14	15°10	25°20	24° 8	14°57	11°R 0
W22	12 0 29	2° 2'30	17°16	18°18	19°17	22°27	3°28	18°23	13°12	0°14	15°11	25°18	24° 5	15° 3	11° 0
T 23	12 4 26	3° 1'51	29° 7	18°29	20°26	23° 6	3°41	18°18	13°14	0°15	15°12	25°13	24° 2	15°10	10°59
F 24	12 8 22	4° 1'09	11♈ 5	18°R33	21°36	23°46	3°54	18°14	13°15	0°15	15°12	25° 5	23°58	15°17	10°59
S 25	12 12 19	5° 0'26	23°12	18°29	22°45	24°26	4° 8	18° 9	13°16	0°15	15°13	24°55	23°55	15°23	10°59
S 26	12 16 15	5°59'40	5♐31	18°18	23°54	25° 5	4°21	18° 5	13°17	0°16	15°13	24°43	23°52	15°30	10°58
M27	12 20 12	6°58'53	18° 2	18° 0	25° 4	25°45	4°34	18° 1	13°18	0°16	15°14	24°30	23°49	15°37	10°58
T 28	12 24 9	7°58'03	0♉45	17°37	26°13	26°25	4°48	17°56	13°19	0°16	15°14	24°17	23°46	15°43	10°57
W29	12 28 5	8°57'11	13°40	17° 7	27°23	27° 4	5° 2	17°52	13°20	0°16	15°15	24° 6	23°43	15°50	10°57
T 30	12 32 2	9°56'17	26°46	16°33	28°33	27°44	5°15	17°48	13°21	0°16	15°16	23°57	23°39	15°56	10°56
F 31	12 35 58	10°55'21	10♐ 4	15°55	29°42	28°23	5°29	17°44	13°22	0°16	15°16	23°51	23°36	16° 3	10°55

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	7s24	17n36	5n 6	4s23	0s44	19s21	1n45	14n58	0n39	10n13	1s 1	6n 9	2n23	23s14	0s21	22s21	1n 8	14n 5	8s37	20s55	21s 8	15s32	17s48	4n20
T 2	7 1 21 28	4 50	3 29	0 34	19 13	1 40	15 11	0 39	10 17	1 1	6 11	2 23	23 14	0 21	22 21	1 9 14	5 8	37 20	56 21	9 15	29 17	47 4	21	
F 3	6 38 24 20	4 18	2 34	0 24	19 5	1 36	15 25	0 40	10 21	1 0	6 13	2 23	23 14	0 21	22 21	1 9 14	5 8	37 20	56 21	9 15	27 17	47 4	21	
S 4	6 15 25 55	3 31	1 39	0 13	18 56	1 31	15 38	0 40	10 26	1 0	6 15	2 23	23 14	0 21	22 21	1 9 14	5 8	37 20	57 21	10 15	24 17	47 4	22	
S 5	5 52 25 59	2 32	0 44	0 1	18 47	1 26	15 51	0 41	10 30	1 0	6 16	2 23	23 14	0 21	22 21	1 9 14	6 8	36 20	57 21	11 15	21 17	46 4	23	
M 6	5 28 24 23	1 22	0n10	0n11	18 38	1 21	16 4	0 42	10 35	1 0	6 18	2 23	23 13	0 21	22 20	1 9 14	6 8	36 20	56 21	11 15	18 17	46 4	23	
T 7	5 5 21 11	0 5	1 4	0 23	18 28	1 16	16 17	0 42	10 39	1 0	6 20	2 23	23 13	0 21	22 20	1 9 14	6 8	36 20	56 21	12 15	16 17	45 4	24	
W 8	4 42 16 34	1s14	1 57	0 36	18 17	1 11	16 30	0 43	10 44	1 0	6 22	2 23	23 13	0 21	22 20	1 9 14	6 8	36 20	56 21	12 15	13 17	45 4	24	
T 9	4 18 10 53	2 28	2 48	0 49	18 6	1 7	16 42	0 43	10 48	0 59	6 24	2 23	23 13	0 21	22 20	1 9 14	7 8	35 20	57 21	13 15	10 17	44 4	25	
F 10	3 55 4 31	3 33	3 38	1 2	17 54	1 2	16 55	0 44	10 53	0 59	6 26	2 24	23 13	0 21	22 20	1 9 14	7 8	35 20	58 21	13 15	8 17	44 4	26	
S 11	3 31 2s 3	4 23	4 27	1 15	17 42	0 57	17 7	0 44	10 57	0 59	6 28	2 24	23 13	0 21	22 20	1 9 14	7 8	35 20	59 21	14 15	5 17	43 4	26	
S 12	3 8 8 24	4 54	5 13	1 28	17 29	0 53	17 19	0 45	11 2	0 59	6 30	2 24	23 12	0 21	22 20	1 9 14	7 8	35 21	1 21	15 15	2 17	43 4	27	
M13	2 44 14 9	5 5	5 57	1 41	17 16	0 48	17 31	0 45	11 6	0 59	6 32	2 24	23 12	0 21	22 20	1 9 14	8 8	35 21	3 21	15 15	0 17	42 4	28	
T 14	2 21 18 59	4 58	6 38	1 53	17 2	0 43	17 43	0 46	11 11	0 59	6 34	2 24	23 12	0 21	22 20	1 9 14	8 8	34 21	4 21	16 14	57 17	42 4	28	
W15	1 57 22 39	4 34	7 16	2 6	16 48	0 39	17 55	0 47	11 15	0 58	6 36	2 24	23 12	0 21	22 20	1 9 14	8 8	34 21	5 21	16 14	54 17	41 4	29	
T 16	1 33 25 1	3 56	7 51	2 17	16 34	0 34	18 7	0 47	11 20	0 58	6 37	2 24	23 12	0 21	22 20	1 9 14	8 8	34 21	6 21	17 14	51 17	41 4	30	
F 17	1 10 26 1	3 8	8 23	2 28	16 18	0 30	18 18	0 48	11 24	0 58	6 39	2 24	23 12	0 21	22 20	1 9 14	9 8	34 21	7 21	17 14	49 17	40 4	30	
S 18	0 46 25 41	2 12	8 52	2 39	16 3	0 26	18 29	0 48	11 29	0 58	6 41	2 24	23 12	0 22	22 20	1 9 14	9 8	33 21	7 21	18 14	46 17	40 4	31	
S 19	0 22 24 9	1 12	9 17	2 48	15 47	0 21	18 41	0 48	11 34	0 58	6 43	2 24	23 12	0 22	22 20	1 9 14	9 8	33 21	7 21	18 14	43 17	39 4	32	
M20	0n 1 21 33	0 9	9 38	2 57	15 30	0 17	18 52	0 49	11 38	0 58	6 45	2 24	23 11	0 22	22 20	1 9 14	10 8	33 21	7 21	19 14	41 17	38 4	32	
T 21	0 25 18 4	0n54	9 55	3 4	15 13	0 13	19 2	0 49	11 43	0 58	6 47	2 24	23 11	0 22	22 20	1 9 14	10 8	33 21	7 21	20 14	38 17	38 4	33	
W22	0 49 13 53	1 54	10 8	3 11	14 56	0 8	19 13	0 50	11 48	0 57	6 48	2 24	23 11	0 22	22 20	1 9 14	10 8	32 21	7 21	20 14	35 17	37 4	34	
T 23	1 12 9 9	2 50	10 16	3 16	14 38	0 4	19 24	0 50	11 52	0 57	6 50	2 24	23 11	0 22	22 20	1 9 14	10 8	32 21	8 21	21 14	32 17	36 4	34	
F 24	1 36 4 4	3 38	10 21	3 20	14 20	0 0	19 34	0 51	11 57	0 57	6 52	2 24	23 11	0 22	22 20	1 9 14	11 8	32 21	9 21	21 14	30 17	36 4	35	
S 25	2 0 1n14	4 17	10 22	3 22	14 1	0s 4	19 44	0 51	12 2	0 57	6 54	2 24	23 11	0 22	22 20	1 9 14	11 8	32 21	11 21	22 14	27 17	35 4	36	
S 26	2 23 6 33	4 45	10 18	3 22	13 42	0 8	19 55	0 52	12 6	0 57	6 55	2 24	23 11	0 22	22 20	1 9 14	11 8	32 21	13 21	22 14	24 17	34 4	36	
M27	2 47 11 42	4 59	10 11	3 22	13 23	0 12	20 5	0 52	12 11	0 57	6 57	2 24	23 11	0 22	22 20	1 9 14	11 8	31 21	16 21	23 14	21 17	34 4	37	
T 28	3 10 16 26	4 59	9 59	3 19	13 3	0 16	20 14	0 52	12 15	0 57	6 59	2 24	23 11	0 22	22 20	1 9 14	12 8	31 21	18 21	23 14	19 17	33 4	38	
W29	3 33 20 29	4 44	9 44	3 15	12 42	0 19	20 24	0 53	12 20	0 56	7 0	2												

SWISS EPHEMERIS for the year 1656

APRIL 1656 GC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	12 39 55	11°54'23	23°34	15°R13	0°H52	29°R 3	5°R42	17°R39	13°R23	0°R16	15°R17	23°R48	23°R33	16°R10	10°R54
S 2	12 43 51	12°53'22	7°E17	14°V29	2° 2	29°42	5°56	17°R35	13°24	0°R16	15°18	23°R47	23°30	16°16	10°R53
M 3	12 47 48	13°52'19	21°13	13°43	3°12	0°H22	6°10	17°31	13°24	0°16	15°19	23°47	23°27	16°23	10°51
T 4	12 51 44	14°51'14	5°R23	12°56	4°22	1° 1	6°24	17°27	13°25	0°16	15°19	23°47	23°24	16°30	10°50
W 5	12 55 41	15°50'06	19°46	12°10	5°32	1°41	6°38	17°24	13°26	0°16	15°20	23°45	23°20	16°36	10°49
T 6	12 59 38	16°48'56	4°R19	11°24	6°42	2°20	6°51	17°20	13°26	0°16	15°21	23°41	23°17	16°43	10°47
F 7	13 3 34	17°47'43	18°57	10°41	7°53	3° 0	7° 5	17°16	13°27	0°16	15°22	23°34	23°14	16°50	10°46
S 8	13 7 31	18°46'29	3°E35	10° 0	9° 3	3°39	7°19	17°12	13°27	0°15	15°23	23°24	23°11	16°56	10°44
S 9	13 11 27	19°45'12	18° 5	9°23	10°13	4°18	7°33	17° 9	13°28	0°15	15°23	23°12	23° 8	17° 3	10°42
M10	13 15 24	20°43'53	2°R19	8°49	11°24	4°58	7°47	17° 5	13°28	0°15	15°24	23° 1	23° 4	17°10	10°40
T 11	13 19 20	21°42'33	16°13	8°19	12°34	5°37	8° 1	17° 2	13°28	0°14	15°25	22°49	23° 1	17°16	10°38
W12	13 23 17	22°41'11	29°43	7°54	13°45	6°16	8°15	16°58	13°29	0°14	15°26	22°40	22°58	17°23	10°36
T 13	13 27 13	23°39'47	12°R48	7°34	14°55	6°56	8°29	16°55	13°29	0°14	15°27	22°33	22°55	17°30	10°34
F 14	13 31 10	24°38'21	25°29	7°18	16° 6	7°35	8°43	16°52	13°29	0°13	15°28	22°29	22°52	17°36	10°32
S 15	13 35 7	25°36'53	7°R49	7° 8	17°17	8°14	8°57	16°48	13°29	0°13	15°29	22°27	22°49	17°43	10°30
S 16	13 39 3	26°35'24	19°53	7° 3	18°27	8°53	9°11	16°45	13°29	0°12	15°30	22°26	22°45	17°50	10°27
M17	13 43 0	27°33'53	1°R47	7°D 3	19°38	9°32	9°26	16°42	13°R29	0°12	15°31	22°26	22°42	17°56	10°25
T 18	13 46 56	28°32'21	13°36	7° 8	20°49	10°11	9°40	16°39	13°29	0°11	15°32	22°25	22°39	18° 3	10°22
W19	13 50 53	29°30'47	25°25	7°18	22° 0	10°51	9°54	16°36	13°29	0°11	15°33	22°23	22°36	18°10	10°20
T 20	13 54 49	0°R29'11	7°R19	7°32	23°11	11°30	10° 8	16°34	13°29	0°10	15°34	22°18	22°33	18°16	10°17
F 21	13 58 46	1°27'34	19°22	7°51	24°22	12° 9	10°22	16°31	13°29	0°10	15°35	22°11	22°30	18°23	10°14
S 22	14 2 42	2°25'55	1°V39	8°15	25°33	12°48	10°36	16°28	13°29	0° 9	15°36	22° 1	22°26	18°30	10°12
S 23	14 6 39	3°24'14	14°10	8°43	26°44	13°27	10°51	16°26	13°28	0° 8	15°37	21°49	22°23	18°36	10° 9
M24	14 10 36	4°22'31	26°57	9°16	27°55	14° 6	11° 5	16°24	13°28	0° 8	15°38	21°37	22°20	18°43	10° 6
T 25	14 14 32	5°20'47	9°R59	9°52	29° 6	14°45	11°19	16°21	13°28	0° 7	15°39	21°24	22°17	18°50	10° 3
W26	14 18 29	6°19'01	23°16	10°32	0°V17	15°24	11°33	16°19	13°27	0° 6	15°40	21°13	22°14	18°56	9°59
T 27	14 22 25	7°17'14	6°R44	11°16	1°28	16° 3	11°48	16°17	13°27	0° 5	15°41	21° 4	22°10	19° 3	9°56
F 28	14 26 22	8°15'24	20°23	12° 3	2°40	16°42	12° 2	16°15	13°26	0° 5	15°43	20°58	22° 7	19°10	9°53
S 29	14 30 18	9°13'33	4°E11	12°54	3°51	17°21	12°16	16°13	13°26	0° 4	15°44	20°55	22° 4	19°16	9°50
S 30	14 34 15	10°R11'39	18°E 5	13°V48	5°V 2	18°R 0	12°R30	16°R11	13°R25	0°R 3	15°R45	20°D54	22°R 1	19°R23	9°R46

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	4n43	25n52	2n33	8n39	2n52	11s39	0s30	20n52	0n54	12n34	0s56	7n 5	2n23	23s10	0s22	22s20	1n 9	14n13	8s30	21s23	21s26	14s 8	17s30	4n40
S 2	5 6 24 43	1 26	8 12	2 42	11 18	0 34	21 1	0 55	12 39	0 56	7 7	2 23	23 10	0 22	22 20	1 9	14 13	8 30	21 23	21 27	14 5	17 29	4 41	
M 3	5 29 22 2	0 14	7 43	2 30	10 56	0 37	21 10	0 55	12 43	0 56	7 8	2 23	23 10	0 22	22 20	1 9	14 13	8 30	21 23	21 27	14 2	17 28	4 41	
T 4	5 52 17 58	1s 1	7 13	2 17	10 33	0 41	21 18	0 55	12 48	0 56	7 10	2 23	23 10	0 22	22 20	1 9	14 14	8 30	21 23	21 27	13 59	17 28	4 42	
W 5	6 15 12 49	2 13	6 42	2 3	10 11	0 44	21 27	0 56	12 53	0 56	7 11	2 23	23 10	0 22	22 20	1 10	14 14	8 29	21 24	21 28	13 57	17 27	4 43	
T 6	6 37 6 54	3 17	6 10	1 48	9 48	0 47	21 35	0 56	12 57	0 56	7 13	2 23	23 10	0 22	22 20	1 10	14 14	8 29	21 24	21 28	13 54	17 26	4 43	
F 7	7 0 0 35	4 8	5 39	1 32	9 25	0 50	21 43	0 56	13 2	0 55	7 14	2 23	23 10	0 22	22 20	1 10	14 15	8 29	21 26	21 29	13 51	17 25	4 44	
S 8	7 22 5s45	4 43	5 8	1 16	9 1	0 53	21 51	0 57	13 7	0 55	7 15	2 23	23 10	0 22	22 19	1 10	14 15	8 29	21 27	21 29	13 48	17 24	4 44	
S 9	7 44 11 42	4 59	4 38	0 59	8 37	0 56	21 59	0 57	13 11	0 55	7 17	2 23	23 10	0 22	22 19	1 10	14 15	8 29	21 29	21 30	13 46	17 23	4 45	
M10	8 7 16 56	4 57	4 9	0 43	8 13	0 59	22 6	0 57	13 16	0 55	7 18	2 23	23 10	0 22	22 19	1 10	14 15	8 28	21 31	21 30	13 43	17 23	4 46	
T 11	8 29 21 7	4 36	3 42	0 26	7 49	1 2	22 14	0 58	13 20	0 55	7 19	2 23	23 10	0 22	22 19	1 10	14 16	8 28	21 33	21 31	13 40	17 22	4 46	
W12	8 50 24 3	4 1	3 17	0 10	7 24	1 5	22 21	0 58	13 25	0 55	7 20	2 22	23 10	0 22	22 19	1 10	14 16	8 28	21 35	21 32	13 37	17 21	4 47	
T 13	9 12 25 34	3 13	2 55	0s 6	6 59	1 7	22 28	0 58	13 30	0 55	7 22	2 22	23 10	0 22	22 19	1 10	14 16	8 28	21 36	21 32	13 35	17 20	4 47	
F 14	9 34 25 42	2 18	2 34	0 22	6 34	1 10	22 35	0 59	13 34	0 55	7 23	2 22	23 10	0 22	22 19	1 10	14 17	8 28	21 36	21 33	13 32	17 19	4 48	
S 15	9 55 24 32	1 17	2 16	0 37	6 9	1 13	22 42	0 59	13 39	0 55	7 24	2 22	23 10	0 22	22 19	1 10	14 17	8 28	21 37	21 33	13 29	17 18	4 49	
S 16	10 17 22 14	0 13	2 1	0 52	5 43	1 15	22 48	0 59	13 43	0 54	7 25	2 22	23 10	0 22	22 19	1 10	14 17	8 27	21 37	21 34	13 26	17 17	4 49	
M17	10 38 19 0	0n49	1 48	1 6	5 18	1 17	22 54	1 0	13 48	0 54	7 26	2 22	23 10	0 22	22 19	1 10	14 17	8 27	21 37	21 34	13 23	17 16	4 50	
T 18	10 59 15 1	1 50	1 38	1 19	4 52	1 20	23 1	1 0	13 53	0 54	7 27	2 22	23 10	0 22	22 19	1 10	14 18	8 27	21 37	21 35	13 21	17 15	4 50	
W19	11 19 10 29	2 45	1 30	1 31	4 26	1 22	23 6	1 0	13 57	0 54	7 28	2 22	23 10	0 22	22 19	1 10	14 18	8 27	21 37	21 35	13 18	17 15	4 51	
T 20	11 40 5 32	3 34	1 25	1 43	4 0	1 24	23 12	1 1	14 2	0 54	7 29	2 21	23 10	0 22	22 19	1 10	14 18	8 27	21 38	21 36	13 15	17 14	4 51	
F 21	12 0 0 20	4 14	1 23	1 54	3 33	1 26	23 18	1 1	14 6	0 54	7 30	2 21	23 10	0 22	22 19	1 10	14 19	8 26	21 39	21 36	13 12	17 13	4 52	
S 22	12 20 4n58	4 42	1 23	2 4	3 7	1 28	23 23	1 1	14 11	0 54	7 31	2 21	23 10	0 22	22 19	1 10	14 19	8 26	21 41	21 37	13 9	17 12	4 52	
S 23	12 40 10 10	4 58	1 25	2 13	2 40	1 30	23 28	1 1	14 15	0 54	7 32	2 21	23 10	0 22	22 19	1 10	14 19	8 26	21 43	21 37	13 7	17 11	4 53	
M24	13 0 15 3	5 0	1 30	2 22	2 14	1 31	23 33	1 2	14 20	0 54	7 33	2 21	23 11	0 23	22 19	1 10	14 19	8 26	21 45	21 38	13 4	17 10	4 53	
T 25	13 20 19 21	4 45	1 37	2 30	1 47	1 33	23 38	1 2	14 24	0 54	7 33	2 21	23 11	0 23	22 19	1 10	14 20	8 26	21 47	21 38	13 1	17 9	4 54	
W26	13 39 22 45	4 16	1 47	2 37	1 20	1 35	23 43	1 2	14 29	0 54	7 34	2 21	23 11	0 23	22 19	1 10	14 20	8 26	21 48	21 39	12 58	17 8	4 55	
T 27	13 58 24 57	3 31	1 58	2 43	0 53	1 36	23 47	1 2	14 33	0 54	7 35	2 20	23 11	0 23	22 19	1 10	14 20	8 25	21 50	21 39	12 55	17 7	4 55	
F 28	14 17 25 42	2 34	2 12	2 48	0 26	1 37	23 51	1 3	14 38	0 53	7 35	2 20	23 11	0 23	22 19	1 10	14 20	8 25	21 51	21 40	12 53	17 6	4 56	
S 29	14 36 24 53	1 28	2 27	2 53	0n 1	1 39	23 56	1 3	14 42	0 53	7 36	2 20	23 11	0 23	22 19	1 10	14 21	8 25	21 51	21 40	12 50	17 5	4 56	
S 30	14n54	22n30	0n15																					

SWISS EPHEMERIS for the year 1656

MAY 1656 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	14 38 11	11♌ 9°44'	2♌ 6	14♃45	6♃14	18♂39	12♂45	16°R 9	13°R24	0°R 2	15♂46	20♂54	21♂58	19♂30	9°R43	
T 2	14 42 8	12° 7'46"	16°12'	15°46'	7°25'	19°18'	12°59'	16♃ 8	13♂24	0♂ 1	15°47'	20°R55	21°55'	19°36'	9♂39	
W 3	14 46 5	13° 5'47"	0♃23	16°49'	8°36'	19°57'	13°13'	16° 6	13°23'	0° 0	15°48'	20°53'	21°51'	19°43'	9°36'	
T 4	14 50 1	14° 3'46"	14°37'	17°55'	9°48'	20°35'	13°27'	16° 5	13°22'	29♂59	15°50'	20°50'	21°48'	19°50'	9°32'	
F 5	14 53 58	15° 1'42"	28°51'	19° 3'	10°59'	21°14'	13°42'	16° 3	13°21'	29°58	15°51'	20°44'	21°45'	19°56'	9°28'	
S 6	14 57 54	15°59'37"	13♌ 2	20°15'	12°11'	21°53'	13°56'	16° 2	13°20'	29°57	15°52'	20°36'	21°42'	20° 3'	9°25'	
S 7	15 1 51	16°57'31"	27° 6'	21°28'	13°22'	22°32'	14°10'	16° 1	13°19'	29°56	15°53'	20°27'	21°39'	20°10'	9°21'	
M 8	15 5 47	17°55'22"	10♌57	22°45'	14°34'	23°11'	14°24'	16° 0	13°18'	29°55	15°55'	20°17'	21°35'	20°16'	9°17'	
T 9	15 9 44	18°53'12"	24°33'	24° 4'	15°45'	23°49'	14°39'	15°59'	13°17'	29°54	15°56'	20° 7'	21°32'	20°23'	9°13'	
W10	15 13 40	19°51'01"	7♂49	25°25'	16°57'	24°28'	14°53'	15°58'	13°16'	29°53	15°57'	19°59'	21°29'	20°30'	9° 9'	
T 11	15 17 37	20°48'48"	20°45'	26°49'	18° 8'	25° 7'	15° 7'	15°57'	13°15'	29°52	15°58'	19°53'	21°26'	20°36'	9° 6'	
F 12	15 21 34	21°46'35"	3♂21	28°15'	19°20'	25°46'	15°21'	15°57'	13°14'	29°50	16° 0'	19°49'	21°23'	20°43'	9° 2'	
S 13	15 25 30	22°44'19"	15°40'	29°43'	20°32'	26°24'	15°35'	15°56'	13°13'	29°49	16° 1'	19°D48	21°20'	20°50'	8°58'	
S 14	15 29 27	23°42'03"	27°44'	1♌14	21°44'	27° 3'	15°50'	15°56'	13°12'	29°48	16° 2'	19°48'	21°16'	20°56'	8°54'	
M15	15 33 23	24°39'46"	9♂39	2°47'	22°55'	27°42'	16° 4'	15°55'	13°10'	29°47	16° 4'	19°49'	21°13'	21° 3'	8°49'	
T 16	15 37 20	25°37'27"	21°29'	4°22'	24° 7'	28°20'	16°18'	15°55'	13° 9'	29°45	16° 5'	19°R50	21°10'	21°10'	8°45'	
W17	15 41 16	26°35'07"	3♂20	5°59'	25°19'	28°59'	16°32'	15°55'	13° 8'	29°44	16° 6'	19°50'	21° 7'	21°16'	8°41'	
T 18	15 45 13	27°32'47"	15°16'	7°39'	26°31'	29°37'	16°46'	15°D55	13° 6'	29°43	16° 8'	19°48'	21° 4'	21°23'	8°37'	
F 19	15 49 9	28°30'25"	27°23'	9°21'	27°43'	0♂16	17° 0'	15°55'	13° 5'	29°42	16° 9'	19°44'	21° 1'	21°30'	8°33'	
S 20	15 53 6	29°28'02"	9♃44	11° 5'	28°54'	0°55'	17°14'	15°55'	13° 3'	29°40	16°10'	19°38'	20°57'	21°36'	8°29'	
S 21	15 57 3	0♂25'38"	22°23'	12°51'	0♂ 6	1°33'	17°28'	15°56'	13° 2'	29°39	16°12'	19°31'	20°54'	21°43'	8°24'	
M22	16 0 59	1°23'13"	5♂22	14°40'	1°18'	2°12'	17°42'	15°56'	13° 0'	29°38	16°13'	19°23'	20°51'	21°49'	8°20'	
T 23	16 4 56	2°20'48"	18°40'	16°31'	2°30'	2°50'	17°56'	15°56'	12°58'	29°36	16°14'	19°15'	20°48'	21°56'	8°16'	
W24	16 8 52	3°18'21"	2♂17	18°24'	3°42'	3°29'	18°10'	15°57'	12°57'	29°35	16°16'	19° 8'	20°45'	22° 3'	8°12'	
T 25	16 12 49	4°15'53"	16° 9'	20°19'	4°54'	4° 7'	18°24'	15°58'	12°55'	29°33	16°17'	19° 2'	20°41'	22°10'	8° 7'	
F 26	16 16 45	5°13'24"	0♂13	22°17'	6° 6'	4°46'	18°38'	15°59'	12°53'	29°32	16°19'	18°59'	20°38'	22°16'	8° 3'	
S 27	16 20 42	6°10'54"	14°25'	24°16'	7°18'	5°24'	18°52'	15°59'	12°52'	29°30	16°20'	18°D57	20°35'	22°23'	7°59'	
S 28	16 24 38	7° 8'23"	28°41'	26°18'	8°30'	6° 3'	19° 6'	16° 0	12°50'	29°29	16°21'	18°58'	20°32'	22°30'	7°55'	
M29	16 28 35	8° 5'50"	12♌58	28°21'	9°42'	6°41'	19°20'	16° 2	12°48'	29°28	16°23'	18°59'	20°29'	22°36'	7°50'	
T 30	16 32 32	9° 3'17"	27°12'	0♂26	10°55'	7°20'	19°34'	16° 3	12°46'	29°26	16°24'	19° 0'	20°26'	22°43'	7°46'	
W31	16 36 28	10♂ 0'41"	11♃23	2♂33	12♂ 7	7♂58	19♂47	16♃ 4	12♂44	29♂25	16♂26	19°R 0	20♂22	22♂50	7♂42	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	15n12	18n46	0s59	3n 4	3s 0	0n56	1s41	24n 3	1n 3	14n51	0s53	7n37	2n20	23s11	0s23	22s19
T 2	15 30	13 56	2 10	3 24	3 3	1 23	1 42	24 7	1 4	14 55	0 53	7 38	2 20	23 11	0 23	22 19
W 3	15 48	8 20	3 14	3 47	3 4	1 50	1 43	24 10	1 4	15 0	0 53	7 38	2 19	23 11	0 23	22 19
T 4	16 5	2 18	4 5	4 11	3 5	2 18	1 44	24 13	1 4	15 0	0 53	7 38	2 19	23 11	0 23	22 19
F 5	16 23	3s51	4 42	4 36	3 6	2 45	1 45	24 16	1 4	15 8	0 53	7 39	2 19	23 12	0 23	22 19
S 6	16 39	9 46	5 1	5 3	3 6	3 12	1 46	24 19	1 4	15 12	0 53	7 39	2 19	23 12	0 23	22 19
S 7	16 56	15 8	5 1	5 32	3 5	3 39	1 46	24 21	1 5	15 17	0 53	7 39	2 19	23 12	0 23	22 19
M 8	17 12	19 38	4 44	6 1	3 3	4 7	1 47	24 23	1 5	15 21	0 53	7 40	2 19	23 12	0 23	22 19
T 9	17 28	23 0	4 11	6 32	3 1	4 34	1 47	24 25	1 5	15 25	0 53	7 40	2 18	23 12	0 23	22 19
W10	17 44	25 1	3 25	7 5	2 59	5 1	1 48	24 27	1 5	15 29	0 53	7 40	2 18	23 12	0 23	22 19
T 11	17 59	25 38	2 29	7 38	2 55	5 28	1 48	24 29	1 5	15 34	0 53	7 40	2 18	23 12	0 23	22 19
F 12	18 15	24 53	1 27	8 12	2 51	5 55	1 48	24 31	1 6	15 38	0 53	7 40	2 18	23 12	0 23	22 19
S 13	18 29	22 56	0 22	8 47	2 47	6 22	1 48	24 32	1 6	15 42	0 53	7 40	2 18	23 13	0 23	22 19
S 14	18 44	19 57	0n43	9 23	2 42	6 49	1 48	24 33	1 6	15 46	0 53	7 40	2 18	23 13	0 23	22 19
M15	18 58	16 11	1 45	10 1	2 36	7 15	1 48	24 34	1 6	15 50	0 53	7 40	2 17	23 13	0 23	22 19
T 16	19 12	11 49	2 42	10 38	2 30	7 42	1 48	24 35	1 6	15 54	0 52	7 40	2 17	23 13	0 23	22 19
W17	19 26	7 0	3 32	11 17	2 24	8 8	1 48	24 35	1 7	15 58	0 52	7 40	2 17	23 13	0 23	22 19
T 18	19 39	1 55	4 14	11 56	2 17	8 34	1 48	24 36	1 7	16 3	0 52	7 40	2 17	23 13	0 23	22 19
F 19	19 52	3n18	4 44	12 36	2 9	9 1	1 47	24 36	1 7	16 7	0 52	7 40	2 17	23 13	0 23	22 19
S 20	20 5	8 30	5 3	13 16	2 1	9 27	1 47	24 36	1 7	16 11	0 52	7 39	2 16	23 14	0 23	22 19
S 21	20 17	13 28	5 7	13 56	1 53	9 52	1 46	24 36	1 7	16 15	0 52	7 39	2 16	23 14	0 23	22 19
M22	20 29	17 58	4 56	14 37	1 44	10 18	1 46	24 35	1 7	16 19	0 52	7 39	2 16	23 14	0 23	22 18
T 23	20 40	21 42	4 28	15 18	1 34	10 43	1 45	24 35	1 7	16 22	0 52	7 38	2 16	23 14	0 23	22 18
W24	20 51	24 20	3 45	15 59	1 25	11 8	1 44	24 34	1 8	16 26	0 52	7 38	2 16	23 14	0 23	22 18
T 25	21 2 25	33 9	2 48	16 39	1 15	11 33	1 44	24 33	1 8	16 30	0 52	7 38	2 15	23 15	0 23	22 18
F 26	21 13 25	9 1	40	17 20	1 5	11 58	1 43	24 32	1 8	16 34	0 52	7 37	2 15	23 15	0 23	22 18
S 27	21 23 23	7 0	25	18 0	0 54	12 22	1 42	24 30	1 8	16 38	0 52	7 37	2 15	23 15	0 23	22 18
S 28	21 33 19	36 0s53	18 39	0 44	12 46	1 41	24 29	1 8	16 42	0 52	7 36	2 15	23 15	0 23	22 18	
M29	21 42 14	56 2	7 19	18 0	33	13 10	1 40	24 27	1 8	16 46	0 52	7 35	2 15	23 15	0 23	22 18
T 30	21 51 9	27 3	13 19	55 0	22	13 34	1 39	24 25	1 8	16 49	0 52	7 35	2 15	23 16	0 23	22 18
W31	22n 0	3n30	4s 7	20n31	0s11	13n57	1s37	24n23	1n 8	16n53	0s52	7n34	2n14	23s16	0s23	22s18

Julian Day Number = 2326022.5, Delta T = 40.04 sec
 Ecliptic obliquity = 23°29'06", Nutation = 0°00'15"
 Ayanamsha: Fagan/Bradley = 19°56'36", Lahiri = 19°03'36"Greg. Calendar

SWISS EPHEMERIS for the year 1656

JUNE 1656 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	16 40 25	10II58'05	25II28	4II41	13R19	8R36	20R 1	16II 6	12°R42	29°R23	16II27	18°R59	20R19	22R56	7°R37	
F 2	16 44 21	11°55'27	9R25	6°50	14°31	9°15	20°15	16° 7	12R40	29R22	16°28	18R57	20°16	23° 3	7R33	
S 3	16 48 18	12°52'49	23°14	9° 1	15°43	9°53	20°29	16° 9	12°38	29°20	16°30	18°53	20°13	23°10	7°29	
S 4	16 52 14	13°50'09	6II51	11°12	16°55	10°31	20°42	16°10	12°36	29°18	16°31	18°48	20°10	23°16	7°25	
M 5	16 56 11	14°47'28	20°17	13°24	18° 8	11°10	20°56	16°12	12°34	29°17	16°33	18°43	20° 7	23°23	7°21	
T 6	17 0 7	15°44'47	3R28	15°36	19°20	11°48	21° 9	16°14	12°32	29°15	16°34	18°37	20° 3	23°30	7°16	
W 7	17 4 4	16°42'05	16°24	17°47	20°32	12°26	21°23	16°16	12°30	29°14	16°35	18°33	20° 0	23°36	7°12	
T 8	17 8 1	17°39'22	29° 4	19°59	21°44	13° 5	21°36	16°18	12°28	29°12	16°37	18°30	19°57	23°43	7° 8	
F 9	17 11 57	18°36'39	11R30	22°10	22°57	13°43	21°50	16°20	12°26	29°11	16°38	18°29	19°54	23°50	7° 4	
S 10	17 15 54	19°33'55	23°42	24°21	24° 9	14°21	22° 3	16°23	12°24	29° 9	16°40	18°D29	19°51	23°56	7° 0	
S 11	17 19 50	20°31'10	5R43	26°30	25°22	15° 0	22°16	16°25	12°22	29° 7	16°41	18°30	19°47	24° 3	6°56	
M12	17 23 47	21°28'25	17°37	28°38	26°34	15°38	22°30	16°28	12°20	29° 6	16°42	18°31	19°44	24°10	6°52	
T13	17 27 43	22°25'40	29°27	0R44	27°46	16°16	22°43	16°30	12°17	29° 4	16°44	18°33	19°41	24°16	6°48	
W14	17 31 40	23°22'54	11R18	2°49	28°59	16°54	22°56	16°33	12°15	29° 3	16°45	18°34	19°38	24°23	6°44	
T 15	17 35 36	24°20'09	23°15	4°53	0II11	17°33	23° 9	16°36	12°13	29° 1	16°47	18°R35	19°35	24°30	6°40	
F 16	17 39 33	25°17'23	5R22	6°54	1°24	18°11	23°22	16°38	12°11	28°59	16°48	18°34	19°32	24°36	6°36	
S 17	17 43 30	26°14'37	17°44	8°54	2°36	18°49	23°35	16°41	12° 8	28°58	16°49	18°33	19°28	24°43	6°32	
S 18	17 47 26	27°11'51	0R25	10°51	3°49	19°27	23°48	16°44	12° 6	28°56	16°51	18°31	19°25	24°50	6°28	
M19	17 51 23	28° 9'04	13°27	12°46	5° 2	20° 6	24° 1	16°48	12° 4	28°55	16°52	18°28	19°22	24°56	6°24	
T 20	17 55 19	29° 6'18	26°53	14°40	6°14	20°44	24°14	16°51	12° 1	28°53	16°54	18°25	19°19	25° 3	6°21	
W21	17 59 16	0R 3'32	10II42	16°31	7°27	21°22	24°27	16°54	11°59	28°51	16°55	18°23	19°16	25°10	6°17	
T 22	18 3 12	1° 0'45	24°52	18°20	8°39	22° 0	24°40	16°58	11°57	28°50	16°56	18°21	19°13	25°16	6°13	
F 23	18 7 9	1°57'59	9R18	20° 7	9°52	22°38	24°52	17° 1	11°54	28°48	16°58	18°20	19° 9	25°23	6°10	
S 24	18 11 6	2°55'12	23°55	21°52	11° 5	23°16	25° 5	17° 5	11°52	28°46	16°59	18°D20	19° 6	25°30	6° 6	
S 25	18 15 2	3°52'25	8R37	23°34	12°18	23°55	25°18	17° 8	11°50	28°45	17° 0	18°21	19° 3	25°36	6° 3	
M26	18 18 59	4°49'37	23°17	25°15	13°30	24°33	25°30	17°12	11°47	28°43	17° 2	18°22	19° 0	25°43	5°59	
T 27	18 22 55	5°46'49	7II49	26°53	14°43	25°11	25°43	17°16	11°45	28°42	17° 3	18°23	18°57	25°50	5°56	
W28	18 26 52	6°44'01	22°10	28°29	15°56	25°49	25°55	17°20	11°42	28°40	17° 4	18°23	18°53	25°56	5°53	
T 29	18 30 48	7°41'13	6R17	0R 3	17° 9	26°27	26° 7	17°24	11°40	28°38	17° 6	18°R24	18°50	26° 3	5°49	
F 30	18 34 45	8R38'24	20R 8	1R34	18II22	27R 5	26R19	17II28	11R38	28R37	17II 7	18R23	18R47	26R10	5R46	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	22n 8	2s33	4s45	21n 6	0s 1	14n20	1s36	24n21	1n 9	16n57	0s52	7n33	2n14	23s16	0s23	22s18
F 2	22 16	8 26	5 7	21 39	0n10	14 43	1 35	24 18	1 9	17 0	0 52	7 33	2 14	23 16	0 23	22 18
S 3	22 23	13 50	5 10	22 11	0 21	15 5	1 33	24 16	1 9	17 4	0 52	7 32	2 14	23 16	0 23	22 18
S 4	22 30	18 29	4 56	22 40	0 31	15 27	1 32	24 13	1 9	17 8	0 52	7 31	2 14	23 17	0 23	22 18
M 5	22 37	22 6	4 25	23 7	0 41	15 49	1 31	24 10	1 9	17 11	0 52	7 30	2 13	23 17	0 24	22 18
T 6	22 43	24 30	3 41	23 32	0 50	16 10	1 29	24 6	1 9	17 15	0 52	7 29	2 13	23 17	0 24	22 18
W 7	22 49	25 33	2 46	23 54	0 59	16 31	1 27	24 3	1 9	17 18	0 52	7 28	2 13	23 17	0 24	22 18
T 8	22 55	25 13	1 44	24 14	1 8	16 51	1 26	23 59	1 9	17 22	0 52	7 27	2 13	23 17	0 24	22 18
F 9	23 0	23 37	0 38	24 31	1 16	17 11	1 24	23 56	1 9	17 25	0 52	7 26	2 13	23 18	0 24	22 18
S 10	23 4	20 56	0n29	24 45	1 23	17 31	1 22	23 52	1 9	17 29	0 52	7 25	2 12	23 18	0 24	22 18
S 11	23 9	17 22	1 33	24 56	1 30	17 50	1 20	23 47	1 9	17 32	0 52	7 24	2 12	23 18	0 24	22 18
M12	23 13	13 9	2 33	25 4	1 36	18 9	1 18	23 43	1 10	17 36	0 52	7 23	2 12	23 18	0 24	22 18
T 13	23 16	8 28	3 26	25 10	1 41	18 27	1 17	23 39	1 10	17 39	0 52	7 22	2 12	23 18	0 24	22 18
W14	23 19	3 28	4 11	25 13	1 45	18 45	1 15	23 34	1 10	17 42	0 52	7 20	2 12	23 19	0 24	22 18
T 15	23 22	1n40	4 45	25 13	1 49	19 3	1 13	23 29	1 10	17 46	0 52	7 19	2 12	23 19	0 24	22 18
F 16	23 24	6 49	5 7	25 10	1 52	19 20	1 11	23 24	1 10	17 49	0 52	7 18	2 11	23 19	0 24	22 18
S 17	23 26	11 49	5 15	25 5	1 55	19 36	1 8	23 19	1 10	17 52	0 52	7 17	2 11	23 19	0 24	22 18
S 18	23 27	16 26	5 8	24 58	1 56	19 52	1 6	23 13	1 10	17 55	0 52	7 15	2 11	23 20	0 24	22 18
M19	23 28	20 27	4 46	24 49	1 57	20 7	1 4	23 8	1 10	17 59	0 52	7 14	2 11	23 20	0 24	22 18
T 20	23 29	23 30	4 7	24 37	1 57	20 22	1 2	23 2	1 10	18 2	0 52	7 12	2 11	23 20	0 24	22 18
W21	23 29	25 17	3 13	24 23	1 57	20 37	1 0	22 56	1 10	18 5	0 52	7 11	2 10	23 20	0 24	22 18
T 22	23 29	25 29	2 6	24 8	1 55	20 50	0 57	22 50	1 10	18 8	0 52	7 9	2 10	23 20	0 24	22 18
F 23	23 28	23 59	0 50	23 51	1 53	21 4	0 55	22 44	1 10	18 11	0 52	7 8	2 10	23 21	0 24	22 18
S 24	23 27	20 51	0s31	23 32	1 51	21 16	0 53	22 38	1 10	18 14	0 52	7 6	2 10	23 21	0 24	22 18
S 25	23 26	16 22	1 50	23 11	1 48	21 29	0 51	22 31	1 10	18 17	0 52	7 5	2 10	23 21	0 24	22 18
M26	23 24	10 56	3 2	22 50	1 44	21 40	0 48	22 24	1 10	18 20	0 52	7 3	2 10	23 21	0 24	22 18
T 27	23 21	4 56	4 1	22 27	1 39	21 51	0 46	22 17	1 10	18 23	0 52	7 2	2 9	23 22	0 24	22 18
W28	23 19	1s14	4 44	22 3	1 34	22 3	0 43	22 10	1 10	18 26	0 52	7 0	2 9	23 22	0 24	22 18
T 29	23 16	7 14	5 10	21 38	1 29	22 11	0 41	22 3	1 10	18 29	0 52	6 58	2 9	23 22	0 24	22 18
F 30	23n12	12s46	5s17	21n11	1n23	22n20	0s38	21n56	1n10	18n31	0s52	6n56	2n 9	23s22	0s24	22s18

Julian Day Number = 2326053.5, Delta T = 39.95 sec
 Ecliptic obliquity = 23°29'05, Nutation = 0°00'15
 Ayanamsha: Fagan/Bradley = 19°56'41, Lahiri = 19°03'41 Greg. Calendar

SWISS EPHEMERIS for the year 1656

JULY 1656 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	18 38 41	9 ^h 35'35"	3 ^m 42"	3 ^o 42'	19 ^h 34'	27 ^h 43'	26 ^h 32'	17 ^h 32'	11 ^h R35	28 ^h R35	17 ^h II 8	18 ^h R23	18 ^h 34'	26 ^h 16'	5 ^h R43
S 2	18 42 38	10 ^h 32'45"	17° 1'	4 ^o 31'	20 ^h 47'	28 ^h 22'	26 ^h 44'	17 ^h 36'	11 ^h 33'	28 ^h 34'	17 ^h 10'	18 ^h 22'	18 ^h 41'	26 ^h 23'	5 ^h 40'
M 3	18 46 35	11 ^h 29'56"	0 ^h 4'	5 ^o 56'	22 ^h 0'	29 ^h 0'	26 ^h 56'	17 ^h 41'	11 ^h 30'	28 ^h 32'	17 ^h 11'	18 ^h 21'	18 ^h 38'	26 ^h 30'	5 ^h 37'
T 4	18 50 31	12 ^h 27'07"	12 ^h 52'	7 ^o 18'	23 ^h 13'	29 ^h 38'	27 ^h 8'	17 ^h 45'	11 ^h 28'	28 ^h 31'	17 ^h 12'	18 ^h 20'	18 ^h 34'	26 ^h 36'	5 ^h 34'
W 5	18 54 28	13 ^h 24'18"	25 ^h 28'	8 ^o 38'	24 ^h 26'	0 ^h 16'	27 ^h 19'	17 ^h 49'	11 ^h 25'	28 ^h 29'	17 ^h 14'	18 ^h 20'	18 ^h 31'	26 ^h 43'	5 ^h 31'
T 6	18 58 24	14 ^h 21'29"	7 ^h 51'	9 ^o 56'	25 ^h 39'	0 ^h 54'	27 ^h 31'	17 ^h 54'	11 ^h 23'	28 ^h 27'	17 ^h 15'	18 ^h 19'	18 ^h 28'	26 ^h 50'	5 ^h 29'
F 7	19 2 21	15 ^h 18'40"	20 ^h 3'	11 ^o 12'	26 ^h 52'	1 ^h 32'	27 ^h 43'	17 ^h 59'	11 ^h 21'	28 ^h 26'	17 ^h 16'	18 ^h D19	18 ^h 25'	26 ^h 56'	5 ^h 26'
S 8	19 6 17	16 ^h 15'51"	2 ^h 6'	12 ^o 25'	28 ^h 5'	2 ^h 10'	27 ^h 54'	18 ^h 3'	11 ^h 18'	28 ^h 24'	17 ^h 17'	18 ^h 19'	18 ^h 22'	27 ^h 3'	5 ^h 23'
S 9	19 10 14	17 ^h 13'03"	14 ^h 2'	13 ^o 35'	29 ^h 18'	2 ^h 48'	28 ^h 6'	18 ^h 8'	11 ^h 16'	28 ^h 23'	17 ^h 19'	18 ^h 20'	18 ^h 19'	27 ^h 10'	5 ^h 21'
M10	19 14 10	18 ^h 10'15"	25 ^h 54'	14 ^o 43'	0 ^h 31'	3 ^h 26'	28 ^h 17'	18 ^h 13'	11 ^h 13'	28 ^h 21'	17 ^h 20'	18 ^h R20	18 ^h 15'	27 ^h 16'	5 ^h 18'
T 11	19 18 7	19 ^h 7'27"	7 ^h 43'	15 ^o 48'	1 ^h 45'	4 ^h 4'	28 ^h 29'	18 ^h 18'	11 ^h 11'	28 ^h 20'	17 ^h 21'	18 ^h 20'	18 ^h 12'	27 ^h 23'	5 ^h 16'
W12	19 22 4	20 ^h 4'40"	19 ^h 35'	16 ^o 50'	2 ^h 58'	4 ^h 42'	28 ^h 40'	18 ^h 23'	11 ^h 9'	28 ^h 18'	17 ^h 22'	18 ^h 19'	18 ^h 9'	27 ^h 30'	5 ^h 14'
T 13	19 26 0	21 ^h 1'54"	1 ^h 31'	17 ^o 49'	4 ^h 11'	5 ^h 21'	28 ^h 51'	18 ^h 28'	11 ^h 6'	28 ^h 17'	17 ^h 24'	18 ^h 19'	18 ^h 6'	27 ^h 36'	5 ^h 11'
F 14	19 29 57	21 ^h 59'09"	13 ^h 37'	18 ^o 45'	5 ^h 24'	5 ^h 59'	29 ^h 2'	18 ^h 33'	11 ^h 4'	28 ^h 15'	17 ^h 25'	18 ^h 19'	18 ^h 3'	27 ^h 43'	5 ^h 9'
S 15	19 33 53	22 ^h 56'24"	25 ^h 57'	19 ^o 39'	6 ^h 37'	6 ^h 37'	29 ^h 13'	18 ^h 38'	11 ^h 2'	28 ^h 14'	17 ^h 26'	18 ^h D19	17 ^h 59'	27 ^h 50'	5 ^h 7'
S 16	19 37 50	23 ^h 53'40"	8 ^h 36'	20 ^o 29'	7 ^h 51'	7 ^h 15'	29 ^h 24'	18 ^h 43'	10 ^h 59'	28 ^h 13'	17 ^h 27'	18 ^h 19'	17 ^h 56'	27 ^h 56'	5 ^h 5'
M17	19 41 46	24 ^h 50'57"	21 ^h 36'	21 ^o 15'	9 ^h 4'	7 ^h 53'	29 ^h 35'	18 ^h 49'	10 ^h 57'	28 ^h 11'	17 ^h 28'	18 ^h 20'	17 ^h 53'	28 ^h 3'	5 ^h 3'
T 18	19 45 43	25 ^h 48'15"	5 ^h II 0	21 ^o 58'	10 ^h 17'	8 ^h 31'	29 ^h 46'	18 ^h 54'	10 ^h 55'	28 ^h 10'	17 ^h 29'	18 ^h 20'	17 ^h 50'	28 ^h 10'	5 ^h 2'
W19	19 49 39	26 ^h 45'34"	18 ^h 51'	22 ^h 38'	11 ^h 31'	9 ^h 9'	29 ^h 56'	19 ^h 0'	10 ^h 52'	28 ^h 8'	17 ^h 31'	18 ^h 21'	17 ^h 47'	28 ^h 17'	5 ^h 0'
T 20	19 53 36	27 ^h 42'54"	3 ^h 57'	23 ^o 13'	12 ^h 44'	9 ^h 47'	0 ^h II 7	19 ^h 5'	10 ^h 50'	28 ^h 7'	17 ^h 32'	18 ^h 22'	17 ^h 44'	28 ^h 23'	4 ^h 58'
F 21	19 57 33	28 ^h 40'14"	17 ^h 45'	23 ^o 45'	13 ^h 58'	10 ^h 25'	0 ^h 17'	19 ^h 11'	10 ^h 48'	28 ^h 6'	17 ^h 33'	18 ^h R22	17 ^h 40'	28 ^h 30'	4 ^h 57'
S 22	20 1 29	29 ^h 37'36"	2 ^h 43'	24 ^o 12'	15 ^h 11'	11 ^h 3'	0 ^h 27'	19 ^h 16'	10 ^h 45'	28 ^h 4'	17 ^h 34'	18 ^h 22'	17 ^h 37'	28 ^h 37'	4 ^h 55'
S 23	20 5 26	0 ^h 34'58"	17 ^h 42'	24 ^o 35'	16 ^h 25'	11 ^h 41'	0 ^h 38'	19 ^h 22'	10 ^h 43'	28 ^h 3'	17 ^h 35'	18 ^h 21'	17 ^h 34'	28 ^h 43'	4 ^h 54'
M24	20 9 22	1 ^h 32'20"	2 ^h 44'	24 ^o 53'	17 ^h 38'	12 ^h 19'	0 ^h 48'	19 ^h 28'	10 ^h 41'	28 ^h 2'	17 ^h 36'	18 ^h 19'	17 ^h 31'	28 ^h 50'	4 ^h 53'
T 25	20 13 19	2 ^h 29'43"	17 ^h 48'	25 ^o 7'	18 ^h 52'	12 ^h 57'	0 ^h 58'	19 ^h 34'	10 ^h 39'	28 ^h 0'	17 ^h 37'	18 ^h 18'	17 ^h 28'	28 ^h 57'	4 ^h 51'
W26	20 17 15	3 ^h 27'07"	2 ^h 46'	25 ^o 16'	20 ^h 5'	13 ^h 36'	1 ^h 8'	19 ^h 39'	10 ^h 37'	27 ^h 59'	17 ^h 38'	18 ^h 16'	17 ^h 25'	29 ^h 3'	4 ^h 50'
T 27	20 21 12	4 ^h 24'32"	16 ^h 33'	25 ^o R20	21 ^h 19'	14 ^h 14'	1 ^h 17'	19 ^h 45'	10 ^h 34'	27 ^h 58'	17 ^h 39'	18 ^h 15'	17 ^h 21'	29 ^h 10'	4 ^h 49'
F 28	20 25 8	5 ^h 21'57"	0 ^h 42'	25 ^o 18'	22 ^h 32'	14 ^h 52'	1 ^h 27'	19 ^h 51'	10 ^h 32'	27 ^h 57'	17 ^h 40'	18 ^h D14	17 ^h 18'	29 ^h 17'	4 ^h 49'
S 29	20 29 5	6 ^h 19'22"	13 ^h 57'	25 ^o 12'	23 ^h 46'	15 ^h 30'	1 ^h 37'	19 ^h 57'	10 ^h 30'	27 ^h 56'	17 ^h 41'	18 ^h 14'	17 ^h 15'	29 ^h 23'	4 ^h 48'
S 30	20 33 2	7 ^h 16'49"	27 ^h 5'	25 ^o 0'	25 ^h 0'	16 ^h 8'	1 ^h 46'	20 ^h 4'	10 ^h 28'	27 ^h 54'	17 ^h 42'	18 ^h 15'	17 ^h 12'	29 ^h 30'	4 ^h 47'
MB1	20 36 58	8 ^h 14'16"	9 ^h 45'	24 ^o 43'	26 ^h 51'	16 ^h 46'	1 ^h 55'	20 ^h 10'	10 ^h 26'	27 ^h 53'	17 ^h 43'	18 ^h 16'	17 ^h 9'	29 ^h 37'	4 ^h 46'

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	23n 8	17s33	5s 6	20n45	1n16	22n29	0s36	21n48	1n10	18n34	0s52	6n55	2n 9	23s22	0s24	22s18	1n10	14n33	8s21	22s13	22s10	9s50	16s15	5n 8
S 2	23 4 21	23 4 38	20 17	1 9	22 36	0 33	21 41	1 10	18 37	0 52	6 53	2 9	23 23	0 24	22 18	1 10	14 33	8 21	22 13	22 11	9 47	16 15	5 8	
M 3	22 59 24	3 5 37	19 49	1 1	22 44	0 31	21 33	1 10	18 40	0 52	6 51	2 8	23 23	0 24	22 18	1 10	14 33	8 21	22 13	22 11	9 44	16 14	5 7	
T 4	22 54 25	26 3 4	19 20	0 53	22 50	0 28	21 25	1 10	18 42	0 52	6 49	2 8	23 23	0 24	22 18	1 10	14 33	8 21	22 14	22 12	9 41	16 14	5 7	
W 5	22 48 25	28 2 4	18 51	0 45	22 56	0 26	21 17	1 10	18 45	0 52	6 47	2 8	23 23	0 24	22 18	1 10	14 33	8 21	22 14	22 12	9 38	16 13	5 7	
T 6	22 43 24	13 0 58	18 22	0 36	23 1	0 23	21 8	1 10	18 48	0 52	6 45	2 8	23 24	0 24	22 18	1 10	14 33	8 21	22 14	22 13	9 35	16 13	5 7	
F 7	22 36 21	50 0n10	17 52	0 26	23 6	0 21	21 0	1 10	18 50	0 52	6 43	2 8	23 24	0 24	22 18	1 10	14 33	8 21	22 14	22 13	9 32	16 13	5 7	
S 8	22 30 18	30 1 16	17 22	0 16	23 10	0 18	20 51	1 10	18 53	0 52	6 41	2 8	23 24	0 24	22 18	1 10	14 33	8 21	22 14	22 13	9 29	16 13	5 7	
S 9	22 22 14	27 2 18	16 53	0 6	23 13	0 16	20 43	1 10	18 55	0 52	6 39	2 8	23 24	0 24	22 18	1 10	14 34	8 21	22 14	22 14	9 26	16 12	5 6	
M10	22 15 9	52 3 14	16 23	0s 5	23 16	0 13	20 34	1 10	18 58	0 52	6 37	2 7	23 24	0 24	22 18	1 10	14 34	8 21	22 14	22 14	9 24	16 12	5 6	
T 11	22 7 4	57 4 1	15 53	0 16	23 18	0 11	20 25	1 10	19 0	0 52	6 35	2 7	23 25	0 24	22 18	1 10	14 34	8 21	22 14	22 15	9 21	16 12	5 6	
W12	21 59 0	n 8 4 38	15 24	0 27	23 19	0 8	20 15	1 10	19 3	0 52	6 33	2 7	23 25	0 24	22 18	1 10	14 34	8 21	22 14	22 15	9 18	16 12	5 6	
T 13	21 50 5	15 5 4	14 55	0 38	23 20	0 6	20 6	1 10	19 5	0 52	6 31	2 7	23 25	0 24	22 18	1 10	14 34	8 22	22 14	22 16	9 15	16 11	5 6	
F 14	21 41 10	14 5 16	14 26	0 50	23 19	0 3	19 57	1 10	19 8	0 52	6 29	2 7	23 25	0 24	22 18	1 10	14 34	8 22	22 14	22 16	9 12	16 11	5 6	
S 15	21 32 14	55 5 15	13 58	1 3	23 19	0 0	19 47	1 10	19 10	0 53	6 27	2 7	23 25	0 24	22 18	1 10	14 34	8 22	22 14	22 16	9 9	16 11	5 5	
S 16	21 22 19	5 4 58	13 30	1 15	23 17	0n 2	19 37	1 10	19 12	0 53	6 25	2 7	23 26	0 24	22 18	1 10	14 34	8 22	22 14	22 17	9 6	16 11	5 5	
M17	21 12 22	28 4 26	13 4	1 28	23 15	0 5	19 28	1 10	19 15	0 53	6 22	2 6	23 26	0 24	22 18	1 10	14 34	8 22	22 14	22 17	9 3	16 11	5 5	
T 18	21 1 24	45 3 38	12 38	1 40	23 12	0 7																		

SWISS EPHEMERIS for the year 1656

AUGUST 1656 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	20 40 55	9♂11'44	22♂27	24♂R21	27♂27	17♂24	2♂II 4	20♂16	10♂R24	27♂R52	17♂II44	18♂318	17♂3 5	29♂43	4♂R46
W 2	20 44 51	10° 9'12	4♂346	23♂53	28♂41	18° 2	2°13	20°22	10♂22	27♂51	17°45	18°19	17° 2	29°50	4♂R45
T 3	20 48 48	11° 6'42	16°55	23°21	29°55	18°40	2°22	20°28	10°20	27°50	17°46	18°R20	16°59	29°57	4°45
F 4	20 52 44	12° 4'13	28°56	22°45	1♂ 8	19°18	2°31	20°35	10°18	27°49	17°47	18°19	16°56	0♂X 3	4°45
S 5	20 56 41	13° 1'44	10♂51	22° 4	2°22	19°56	2°40	20°41	10°16	27°48	17°48	18°18	16°53	0°10	4°45
S 6	21 0 37	13°59'17	22°43	21°20	3°36	20°34	2°48	20°48	10°14	27°47	17°49	18°15	16°50	0°17	4°D45
M 7	21 4 34	14°56'51	4♂33	20°33	4°50	21°13	2°57	20°54	10°12	27°46	17°49	18°11	16°46	0°23	4°45
T 8	21 8 31	15°54'26	16°23	19°44	6° 4	21°51	3° 5	21° 1	10°11	27°45	17°50	18° 6	16°43	0°30	4°45
W 9	21 12 27	16°52'03	28°17	18°54	7°18	22°29	3°13	21° 7	10° 9	27°44	17°51	18° 1	16°40	0°37	4°45
T 10	21 16 24	17°49'41	10♂V15	18° 4	8°32	23° 7	3°21	21°14	10° 7	27°43	17°52	17°57	16°37	0°43	4°45
F 11	21 20 20	18°47'20	22°23	17°14	9°46	23°45	3°29	21°20	10° 5	27°42	17°53	17°53	16°34	0°50	4°46
S 12	21 24 17	19°45'02	4♂42	16°27	11° 0	24°23	3°37	21°27	10° 4	27°41	17°53	17°51	16°31	0°57	4°46
S 13	21 28 13	20°42'44	17°17	15°41	12°14	25° 1	3°44	21°34	10° 2	27°41	17°54	17°D50	16°27	1° 4	4°47
M14	21 32 10	21°40'29	0♂II12	15° 0	13°28	25°39	3°52	21°41	10° 0	27°40	17°55	17°50	16°24	1°10	4°48
T 15	21 36 6	22°38'15	13°30	14°23	14°42	26°17	3°59	21°47	9°59	27°39	17°56	17°51	16°21	1°17	4°49
W16	21 40 3	23°36'03	27°13	13°51	15°56	26°56	4° 6	21°54	9°57	27°38	17°56	17°52	16°18	1°24	4°50
T 17	21 44 0	24°33'52	11♂24	13°25	17°10	27°34	4°13	22° 1	9°56	27°38	17°57	17°R54	16°15	1°30	4°51
F 18	21 47 56	25°31'44	26° 0	13° 7	18°25	28°12	4°20	22° 8	9°54	27°37	17°58	17°53	16°11	1°37	4°52
S 19	21 51 53	26°29'37	10♂L57	12°55	19°39	28°50	4°27	22°15	9°53	27°36	17°58	17°52	16° 8	1°44	4°53
S 20	21 55 49	27°27'31	26° 8	12°D51	20°53	29°28	4°33	22°22	9°52	27°36	17°59	17°48	16° 5	1°50	4°54
M21	21 59 46	28°25'27	11♂24	12°55	22° 7	0♂7	4°40	22°29	9°50	27°35	17°59	17°43	16° 2	1°57	4°56
T 22	22 3 42	29°23'24	26°34	13° 7	23°22	0°45	4°46	22°36	9°49	27°34	18° 0	17°37	15°59	2° 4	4°57
W23	22 7 39	0♂21'23	11♂27	13°27	24°36	1°23	4°52	22°43	9°48	27°34	18° 1	17°31	15°56	2°10	4°59
T 24	22 11 35	1°19'23	25°57	13°55	25°50	2° 1	4°58	22°50	9°46	27°33	18° 1	17°25	15°52	2°17	5° 0
F 25	22 15 32	2°17'25	9♂L59	14°31	27° 5	2°39	5° 4	22°57	9°45	27°33	18° 2	17°22	15°49	2°24	5° 2
S 26	22 19 29	3°15'28	23°34	15°15	28°19	3°18	5° 9	23° 5	9°44	27°32	18° 2	17°19	15°46	2°30	5° 4
S 27	22 23 25	4°13'32	6♂41	16° 7	29°33	3°56	5°15	23°12	9°43	27°32	18° 3	17°D19	15°43	2°37	5° 6
M28	22 27 22	5°11'38	19°25	17° 6	0♂48	4°34	5°20	23°19	9°42	27°32	18° 3	17°20	15°40	2°44	5° 8
T 29	22 31 18	6° 9'45	1♂50	18°12	2° 2	5°12	5°25	23°26	9°41	27°31	18° 3	17°21	15°37	2°51	5°10
W30	22 35 15	7° 7'54	14° 0	19°24	3°17	5°51	5°30	23°33	9°40	27°31	18° 4	17°R22	15°33	2°57	5°12
T 31	22 39 11	8♂6'04	26♂0	20♂43	4♂31	6♂29	5♂II35	23♂41	9♂39	27♂31	18♂II 4	17♂21	15♂30	3♂X 4	5♂R15

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	17n59	25s34	2s18	9n14	4s27	21n22	0n40	16n45	1n 9	19n45	0s53	5n47	2n 5	23s28	0s24	22s18	1n10	14n34	8s23	22s14	22s23	8s19	16s12	5n 1
W 2	17 44 24	38 1 14	9 16	4 34	21 9	0 42	16 33	1 9	19 46	0 53	5 44	2 5	23 29	0 24	22 18	1 10	14 34	8 23	22 14	22 24	8 16	16 12	5 1	
T 3	17 28 22	32 0 8	9 21	4 40	20 55	0 44	16 21	1 9	19 48	0 54	5 41	2 5	23 29	0 24	22 18	1 10	14 34	8 23	22 14	22 24	8 13	16 12	5 1	
F 4	17 12 19	28 0n58	9 28	4 45	20 41	0 46	16 9	1 9	19 50	0 54	5 39	2 5	23 29	0 24	22 18	1 10	14 34	8 23	22 14	22 25	8 10	16 12	5 0	
S 5	16 56 15	36 2 1	9 38	4 48	20 27	0 48	15 57	1 9	19 51	0 54	5 36	2 4	23 29	0 24	22 18	1 9	14 34	8 23	22 14	22 25	8 8	16 13	5 0	
S 6	16 40 11	10 2 58	9 51	4 49	20 12	0 50	15 45	1 9	19 53	0 54	5 34	2 4	23 29	0 24	22 19	1 9	14 34	8 24	22 14	22 25	8 5	16 13	5 0	
M 7	16 23 6	20 3 47	10 5	4 49	19 56	0 52	15 32	1 9	19 54	0 54	5 31	2 4	23 29	0 24	22 19	1 9	14 34	8 24	22 15	22 26	8 2	16 13	4 59	
T 8	16 6 1	17 4 26	10 23	4 47	19 40	0 54	15 20	1 9	19 56	0 54	5 28	2 4	23 29	0 24	22 19	1 9	14 34	8 24	22 15	22 26	7 59	16 13	4 59	
W 9	15 49 3n49	4 54	10 42	4 43	19 23	0 56	15 7	1 8	19 57	0 54	5 26	2 4	23 30	0 24	22 19	1 9	14 34	8 24	22 16	22 27	7 56	16 14	4 59	
T 10	15 31 8	49 5 10	11 2	4 37	19 5	0 57	14 55	1 8	19 59	0 54	5 23	2 4	23 30	0 24	22 19	1 9	14 34	8 24	22 17	22 27	7 53	16 14	4 58	
F 11	15 13 13	32 5 12	11 25	4 30	18 47	0 59	14 42	1 8	20 0	0 54	5 20	2 4	23 30	0 24	22 19	1 9	14 34	8 24	22 17	22 27	7 50	16 14	4 58	
S 12	14 55 17	48 4 59	11 48	4 20	18 29	1 1	14 29	1 8	20 2	0 54	5 18	2 4	23 30	0 24	22 19	1 9	14 34	8 24	22 18	22 28	7 47	16 15	4 58	
S 13	14 37 21	22 4 32	12 12	4 9	18 10	1 2	14 16	1 8	20 3	0 54	5 15	2 4	23 30	0 24	22 19	1 9	14 34	8 24	22 18	22 28	7 44	16 15	4 58	
M14	14 18 24	0 3 51	12 36	3 56	17 50	1 4	14 3	1 8	20 4	0 54	5 12	2 4	23 30	0 24	22 19	1 9	14 34	8 24	22 18	22 29	7 41	16 16	4 57	
T 15	14 0 25	23 2 57	13 0	3 42	17 30	1 6	13 50	1 8	20 6	0 54	5 9	2 4	23 30	0 24	22 19	1 9	14 34	8 25	22 17	22 29	7 38	16 16	4 57	
W16	13 41 25	18 1 50	13 24	3 27	17 9	1 7	13 37	1 8	20 7	0 54	5 7	2 4	23 30	0 24	22 19	1 9	14 33	8 25	22 17	22 29	7 35	16 17	4 57	
T 17	13 22 23	35 0 35	13 47	3 11	16 48	1 8	13 24	1 8	20 8	0 55	5 4	2 4	23 31	0 24	22 19	1 9	14 33	8 25	22 17	22 30	7 32	16 17	4 56	
F 18	13 2 20	16 0s44	14 8	2 54	16 27	1 10	13 11	1 7	20 9	0 55	5 1	2 4	23 31	0 24	22 19	1 9	14 33	8 25	22 17	22 30	7 29	16 18	4 56	
S 19	12 42 15	33 2 2	14 28	2 36	16 5	1 11	12 57	1 7	20 11	0 55	4 58	2 4	23 31	0 24	22 19	1 9	14 33	8 25	22 17	22 30	7 26	16 18	4 56	
S 20	12 23 9	48 3 13	14 47	2 18	15 42	1 12	12 44	1 7	20 12	0 55	4 55	2 3	23 31	0 24	22 19	1 9	14 33	8 25	22 18	22 31	7 23	16 19	4 55	
M21	12 3 3 27	4 10	15 3	2 0	15 19	1 14	12 30	1 7	20 13	0 55	4 53	2 3	23 31	0 24	22 19	1 9	14 33	8 25	22 19	22 31	7 21	16 19	4 55	
T 22	11 42 3s 3	4 49	15 17	1 42	14 56	1 15	12 16	1 7	20 14	0 55	4 50	2 3	23 31	0 24	22 19	1 9	14 33	8 25	22 19	22 32	7 18	16 20	4 55	
W23	11 22 9 15	5 8	15 29	1 23	14 32	1 16	12 3	1 7	20 15	0 55	4 47	2 3	23 31	0 24	22 19	1 9	14 33	8 26	22 20	22 32	7 15	16 20	4 54	
T 24	11 1 14	47 5 6	15 38	1 6	14 8	1 17	11 49	1 7	20 16	0 55	4 44	2 3	23 31	0 24	22 19	1 9	14 33	8 26	22 21	22 32	7 12	16 21	4 54	
F 25	10 41 19	21 4 46	15 44	0 48	13 44	1 18	11 35	1 7	20 17	0 55	4 41	2 3	23 31	0 24	22 19	1 9	14 33	8 26	22 21	22 33	7 9	16 22	4 54	
S 26	10 20 22	44 4 10	15 47	0 32	13 19	1 19	11 21	1 6	20 18	0 55	4 38	2 3	23 31	0 24	22 19	1 9	14 33	8 26	22 22	22 33	7 6	16 22	4 53	
S 27	9 59 24	47 3 22	15 47	0 16	12 53	1 20	11 7	1 6	20 19	0 55	4 36	2 3	23 31	0 24	22 19	1 9	14 33	8 26	22 22	22 33	7 3	16 23	4 53	
M28	9 37 25	28 2 25	15 44	0 0	12 28	1 20	10 53	1 6	20 19	0 55	4 33	2 3	23 31	0 24	22 19	1 9	14 32	8 26	22 22	22 34	7 0	16 24	4 53	
T 29	9 16 24	51 1 23	15 38	0n14	12 2	1 21	10 38	1 6	20 20	0 55	4 30	2 3	23 32	0 24										

SWISS EPHEMERIS for the year 1656

SEPTEMBER 1656 GC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	22 43 8	9 ^m 4'16	7 ^h 54	22 ^o 7	5 ^m 46	7 ^m 7	5 ^h 39	23 ^m 48	9 ^o R38	27 ^o R31	18 ^h II 5	17 ^o R19	15 ^h 27	3 ^h 11	5 ^h 17
S 2	22 47 4	10° 2'29	19° 44	23° 36	7° 0	7° 46	5° 44	23° 55	9 ^h 37	27 ^h 30	18° 5	17 ^h 15	15° 24	3° 17	5° 19
S 3	22 51 1	11° 0'44	1 ^h 34	25° 9	8° 15	8° 24	5° 48	24° 3	9° 37	27° 30	18° 5	17° 8	15° 21	3° 24	5° 22
M 4	22 54 58	11° 59'01	13° 25	26° 47	9° 29	9° 2	5° 52	24° 10	9° 36	27° 30	18° 6	16° 59	15° 17	3° 31	5° 25
T 5	22 58 54	12° 57'20	25° 19	28° 28	10° 44	9° 41	5° 56	24° 17	9° 35	27° 30	18° 6	16° 48	15° 14	3° 37	5° 27
W 6	23 2 51	13° 55'40	7 ^h 19	0 ^m 11	11° 58	10° 19	6° 0	24° 25	9° 35	27° 30	18° 6	16° 38	15° 11	3° 44	5° 30
T 7	23 6 47	14° 54'03	19° 24	1° 58	13° 13	10° 57	6° 3	24° 32	9° 34	27° 30	18° 6	16° 27	15° 8	3° 51	5° 33
F 8	23 10 44	15° 52'27	1 ^h 38	3° 46	14° 28	11° 36	6° 6	24° 39	9° 34	27° D30	18° 7	16° 18	15° 5	3° 57	5° 36
S 9	23 14 40	16° 50'54	14° 1	5° 35	15° 42	12° 14	6° 9	24° 47	9° 33	27° 30	18° 7	16° 11	15° 2	4° 4	5° 39
S 10	23 18 37	17° 49'22	26° 38	7° 26	16° 57	12° 52	6° 12	24° 54	9° 33	27° 30	18° 7	16° 7	14° 58	4° 11	5° 43
M 11	23 22 33	18° 47'53	9 ^h 31	9° 18	18° 12	13° 31	6° 15	25° 2	9° 32	27° 30	18° 7	16° 4	14° 55	4° 17	5° 46
T 12	23 26 30	19° 46'27	22° 43	11° 10	19° 26	14° 9	6° 18	25° 9	9° 32	27° 30	18° 7	16° D 4	14° 52	4° 24	5° 49
W 13	23 30 27	20° 45'02	6 ^h 17	13° 2	20° 41	14° 48	6° 20	25° 16	9° 32	27° 30	18° 7	16° 5	14° 49	4° 31	5° 53
T 14	23 34 23	21° 43'40	20° 15	14° 55	21° 56	15° 26	6° 22	25° 24	9° 31	27° 30	18° 7	16° R 5	14° 46	4° 38	5° 56
F 15	23 38 20	22° 42'20	4 ^h 39	16° 47	23° 11	16° 5	6° 24	25° 31	9° 31	27° 30	18° 7	16° 3	14° 42	4° 44	6° 0
S 16	23 42 16	23° 41'02	19° 25	18° 39	24° 25	16° 43	6° 26	25° 39	9° 31	27° 31	18° 7	16° 0	14° 39	4° 51	6° 3
S 17	23 46 13	24° 39'46	4 ^m 29	20° 30	25° 40	17° 21	6° 28	25° 46	9° 31	27° 31	18° R 7	15° 54	14° 36	4° 58	6° 7
M 18	23 50 9	25° 38'32	19° 42	22° 21	26° 55	18° 0	6° 29	25° 54	9° D31	27° 31	18° 7	15° 45	14° 33	5° 4	6° 11
T 19	23 54 6	26° 37'21	4 ^h 53	24° 11	28° 10	18° 39	6° 30	26° 1	9° 31	27° 31	18° 7	15° 35	14° 30	5° 11	6° 15
W 20	23 58 2	27° 36'11	19° 52	26° 0	29° 25	19° 17	6° 31	26° 9	9° 31	27° 32	18° 7	15° 24	14° 27	5° 18	6° 19
T 21	0 1 59	28° 35'03	4 ^m 30	27° 49	0 ^h 39	19° 56	6° 32	26° 16	9° 31	27° 32	18° 7	15° 15	14° 23	5° 24	6° 23
F 22	0 5 56	29° 33'57	18° 40	29° 37	1° 54	20° 34	6° 32	26° 23	9° 31	27° 33	18° 7	15° 7	14° 20	5° 31	6° 27
S 23	0 9 52	0 ^h 32'53	2 ^h 21	1 ^h 24	3° 9	21° 13	6° 33	26° 31	9° 32	27° 33	18° 7	15° 2	14° 17	5° 38	6° 31
S 24	0 13 49	1° 31'51	15° 33	3° 10	4° 24	21° 51	6° R33	26° 38	9° 32	27° 34	18° 7	14° 59	14° 14	5° 44	6° 36
M 25	0 17 45	2° 30'50	18° 19	4° 55	5° 39	22° 30	6° 33	26° 46	9° 32	27° 34	18° 7	14° D58	14° 11	5° 51	6° 40
T 26	0 21 42	3° 29'51	10 ^h 43	6° 40	6° 54	23° 9	6° 33	26° 53	9° 33	27° 35	18° 7	14° R58	14° 8	5° 58	6° 45
W 27	0 25 38	4° 28'54	22° 51	8° 23	8° 9	23° 47	6° 32	27° 1	9° 33	27° 35	18° 6	14° 58	14° 4	6° 5	6° 49
T 28	0 29 35	5° 27'59	4 ^h 48	10° 6	9° 23	24° 26	6° 32	27° 8	9° 34	27° 36	18° 6	14° 56	14° 1	6° 11	6° 54
F 29	0 33 31	6° 27'06	16° 38	11° 48	10° 38	25° 4	6° 31	27° 15	9° 34	27° 37	18° 6	14° 53	13° 58	6° 18	6° 58
S 30	0 37 28	7 ^h 26'14	28 ^h 27	13 ^h 29	11 ^h 53	25 ^h 43	6 ^h 30	27 ^h 23	9 ^h 35	27 ^h 37	18 ^h II 6	14 ^h 46	13 ^h 55	6 ^h 25	7 ^h 3

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
F 1	8n11	16s35	1n48	14n59	0n51	10n42	1n23	9n56	1n 5	20n22	0s56	4n21	2n 3	23s32	0s24	22s19	1n 8	14n32	8s27	22s22	22s35	6s48	16s26	4n52
S 2	7 49	12 19	2 45	14 39	1 2	10 15	1 23	9 41	1 5	20 23	0 56	4 18	2 3	23 32	0 24	22 19	1 8	14 32	8 27	22 22	22 36	6 45	16 27	4 51
S 3	7 27	7 36	3 34	14 17	1 11	9 47	1 24	9 27	1 5	20 24	0 56	4 15	2 3	23 32	0 24	22 19	1 8	14 32	8 27	22 23	22 36	6 42	16 28	4 51
M 4	7 5	2 37	4 14	13 51	1 19	9 19	1 24	9 12	1 5	20 24	0 56	4 12	2 3	23 32	0 24	22 19	1 8	14 32	8 27	22 24	22 36	6 39	16 29	4 51
T 5	6 42	2n28	4 43	13 23	1 27	8 51	1 24	8 57	1 5	20 25	0 56	4 9	2 3	23 32	0 24	22 20	1 8	14 32	8 27	22 26	22 37	6 36	16 29	4 50
W 6	6 20	7 30	5 0	12 52	1 33	8 23	1 25	8 43	1 5	20 26	0 56	4 7	2 3	23 32	0 24	22 20	1 8	14 31	8 28	22 27	22 37	6 33	16 30	4 50
T 7	5 58	12 17	5 4	12 19	1 38	7 55	1 25	8 28	1 4	20 26	0 56	4 4	2 3	23 32	0 24	22 20	1 8	14 31	8 28	22 28	22 37	6 30	16 31	4 50
F 8	5 35	16 39	4 54	11 44	1 42	7 26	1 25	8 13	1 4	20 27	0 56	4 1	2 3	23 32	0 24	22 20	1 8	14 31	8 28	22 29	22 38	6 28	16 32	4 50
S 9	5 12	20 22	4 29	11 6	1 45	6 57	1 25	7 58	1 4	20 27	0 56	3 58	2 3	23 32	0 24	22 20	1 8	14 31	8 28	22 30	22 38	6 25	16 32	4 49
S 10	4 49	23 12	3 52	10 27	1 47	6 28	1 25	7 43	1 4	20 27	0 56	3 55	2 3	23 32	0 24	22 20	1 8	14 31	8 28	22 31	22 39	6 22	16 33	4 49
M 11	4 26	24 55	3 2	9 47	1 49	5 59	1 25	7 28	1 4	20 28	0 57	3 52	2 3	23 32	0 24	22 20	1 8	14 31	8 28	22 31	22 39	6 19	16 34	4 49
T 12	4 3 25	18 2	1 9	5 10	1 50	5 29	1 25	7 13	1 4	20 28	0 57	3 49	2 3	23 32	0 24	22 20	1 8	14 31	8 28	22 31	22 39	6 16	16 35	4 48
W 13	3 40	24 12	0 52	8 22	1 49	4 59	1 24	6 58	1 3	20 29	0 57	3 46	2 3	23 32	0 24	22 20	1 8	14 31	8 29	22 31	22 40	6 13	16 36	4 48
T 14	3 17	21 35	0s22	7 37	1 49	4 30	1 24	6 43	1 3	20 29	0 57	3 43	2 3	23 32	0 24	22 20	1 8	14 30	8 29	22 31	22 40	6 10	16 37	4 48
F 15	2 54	17 34	1 37	6 53	1 47	4 0	1 24	6 28	1 3	20 29	0 57	3 40	2 3	23 32	0 24	22 20	1 8	14 30	8 29	22 31	22 40	6 7	16 38	4 48
S 16	2 31	12 22	2 47	6 7	1 45	3 30	1 23	6 13	1 3	20 29	0 57	3 37	2 3	23 32	0 24	22 20	1 8	14 30	8 29	22 31	22 41	6 4	16 38	4 47
S 17	2 7	6 21	3 47	5 21	1 43	2 59	1 23	5 58	1 3	20 29	0 57	3 34	2 3	23 32	0 24	22 20	1 8	14 30	8 29	22 32	22 41	6 1	16 39	4 47
M 18	1 44	0s 5	4 32	4 34	1 40	2 29	1 22	5 43	1 2	20 30	0 57	3 31	2 3	23 32	0 24	22 20	1 8	14 30	8 29	22 33	22 41	5 58	16 40	4 47
T 19	1 21	6 29	4 57	3 47	1 36	1 59	1 22	5 27	1 2	20 30	0 57	3 28	2 3	23 32	0 24	22 20	1 8	14 30	8 29	22 34	22 42	5 55	16 41	4 47
W 20	0 57	12 25	5 1	3 0	1 32	1 28	1 21	5 12	1 2	20 30	0 57	3 25	2 3	23 32	0 24	22 20	1 7	14 30	8 30	22 36	22 42	5 52	16 42	4 46
T 21	0 34	17 31	4 45	2 13	1 28	0 58	1 20	4 57	1 2	20 30	0 57	3 22	2 3	23 32	0 24	22 20	1 7	14 29	8 30	22 37	22 42	5 49	16 43	4 46
F 22	0 10	21 27	4 12	1 26	1 23	0 27	1 19	4 41	1 1	20 30	0 57	3 20	2 4	23 32	0 24	22 20	1 7	14 29	8 30	22 38	22 43	5 46	16 44	4 46
S 23																								

SWISS EPHEMERIS for the year 1656

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	0 41 24	8♂25'24	10♁18	15♁ 9	13♁ 8	26♁22	6°R29	27♁30	9♁35	27♁38	18°R 5	14°R37	13♁52	6♁31	7♁ 8
M 2	0 45 21	9°24'37	22°13	16°48	14°23	27° 1	6♁27	27°37	9°36	27°39	18°II 5	14♁25	13°48	6°38	7°13
T 3	0 49 18	10°23'51	4♁14	18°27	15°38	27°39	6°26	27°45	9°37	27°40	18° 5	14°11	13°45	6°45	7°18
W 4	0 53 14	11°23'07	16°23	20° 5	16°53	28°18	6°24	27°52	9°38	27°40	18° 4	13°57	13°42	6°51	7°23
T 5	0 57 11	12°22'25	28°40	21°42	18° 8	28°57	6°22	27°59	9°38	27°41	18° 4	13°43	13°39	6°58	7°28
F 6	1 1 7	13°21'46	11♁ 7	23°18	19°23	29°35	6°20	28° 7	9°39	27°42	18° 4	13°31	13°36	7° 5	7°33
S 7	1 5 4	14°21'08	23°43	24°54	20°38	0♁14	6°17	28°14	9°40	27°43	18° 3	13°22	13°33	7°11	7°38
S 8	1 9 0	15°20'33	6♁30	26°29	21°53	0°53	6°15	28°21	9°41	27°44	18° 3	13°15	13°29	7°18	7°43
M 9	1 12 57	16°20'01	19°29	28° 3	23° 8	1°32	6°12	28°28	9°42	27°45	18° 2	13°11	13°26	7°25	7°49
T 10	1 16 53	17°19'30	2♁43	29°36	24°23	2°11	6° 9	28°36	9°43	27°46	18° 2	13°10	13°23	7°32	7°54
W 11	1 20 50	18°19'02	16°13	1♁ 9	25°38	2°50	6° 5	28°43	9°45	27°47	18° 1	13°10	13°20	7°38	7°59
T 12	1 24 47	19°18'36	0♁ 3	2°42	26°53	3°29	6° 2	28°50	9°46	27°48	18° 1	13°10	13°17	7°45	8° 5
F 13	1 28 43	20°18'13	14°12	4°13	28° 8	4° 7	5°58	28°57	9°47	27°49	18° 0	13° 8	13°14	7°52	8°10
S 14	1 32 40	21°17'52	28°40	5°44	29°23	4°46	5°55	29° 4	9°48	27°50	18° 0	13° 4	13°10	7°58	8°16
S 15	1 36 36	22°17'33	13♁24	7°15	0♁38	5°25	5°51	29°11	9°50	27°52	17°59	12°58	13° 7	8° 5	8°22
M 16	1 40 33	23°17'16	28°18	8°44	1°53	6° 4	5°47	29°18	9°51	27°53	17°59	12°48	13° 4	8°12	8°27
T 17	1 44 29	24°17'02	13♁14	10°14	3° 8	6°43	5°42	29°25	9°52	27°54	17°58	12°37	13° 1	8°18	8°33
W 18	1 48 26	25°16'49	28° 2	11°42	4°23	7°22	5°38	29°32	9°54	27°55	17°57	12°26	12°58	8°25	8°39
T 19	1 52 22	26°16'39	12♁34	13°10	5°38	8° 1	5°33	29°39	9°55	27°57	17°57	12°15	12°54	8°32	8°45
F 20	1 56 19	27°16'30	26°44	14°37	6°53	8°40	5°28	29°46	9°57	27°58	17°56	12° 6	12°51	8°39	8°51
S 21	2 0 16	28°16'24	10♁27	16° 4	8° 8	9°19	5°23	29°53	9°59	27°59	17°55	12° 0	12°48	8°45	8°57
S 22	2 4 12	29°16'19	23°42	17°30	9°23	9°58	5°18	29°59	10° 0	28° 1	17°55	11°56	12°45	8°52	9° 3
M 23	2 8 9	0♁16'16	6♁31	18°55	10°38	10°37	5°13	0♁ 7	10° 2	28° 2	17°54	11°D55	12°42	8°59	9° 9
T 24	2 12 5	1°16'14	18°59	20°19	11°53	11°17	5° 7	0°14	10° 4	28° 3	17°53	11°55	12°39	9° 5	9°15
W 25	2 16 2	2°16'15	1♁ 9	21°43	13° 8	11°56	5° 1	0°20	10° 6	28° 5	17°52	11°R55	12°35	9°12	9°21
T 26	2 19 58	3°16'16	13° 7	23° 5	14°23	12°35	4°55	0°27	10° 7	28° 6	17°52	11°55	12°32	9°19	9°27
F 27	2 23 55	4°16'20	24°58	24°27	15°38	13°14	4°49	0°34	10° 9	28° 8	17°51	11°52	12°29	9°25	9°34
S 28	2 27 51	5°16'25	6♁48	25°48	16°53	13°53	4°43	0°40	10°11	28° 9	17°50	11°48	12°26	9°32	9°40
S 29	2 31 48	6°16'31	18°41	27° 8	18° 8	14°32	4°37	0°47	10°13	28°11	17°49	11°40	12°23	9°39	9°46
M 30	2 35 45	7°16'39	0♁40	28°27	19°23	15°12	4°31	0°53	10°15	28°12	17°48	11°31	12°19	9°46	9°53
T 31	2 39 41	8♁16'49	12♁48	29♁44	20♁38	15♁51	4♁24	1♁ 0	10♁17	28♁14	17♁48	11♁20	12♁16	9♁52	9♁59

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	3s21	3s53	4n 8	5s30	0n31	4s 8	1n 9	2n21	0n59	20n29	0s58	2n54	2n 4	23s32	0s23	22s21	1n 7	14n28	8s31	22s41	22s46	5s20	16s53	4n44
M 2	3 44	1n10	4 38	6 15	0 24	4 38	1 8	2 6	0 59	20 28	0 58	2 51	2 4	23 32	0 23	22 21	1 7	14 28	8 31	22 42	22 46	5 17	16 54	4 43
T 3	4 7	6 12	4 55	6 59	0 17	5 9	1 6	1 50	0 59	20 28	0 58	2 48	2 4	23 31	0 23	22 21	1 7	14 28	8 31	22 44	22 46	5 14	16 55	4 43
W 4	4 31	11 3	4 59	7 42	0 11	5 39	1 5	1 34	0 59	20 28	0 58	2 45	2 4	23 31	0 23	22 21	1 7	14 27	8 31	22 45	22 47	5 11	16 56	4 43
T 5	4 54	15 32	4 50	8 25	0 4	6 9	1 3	1 19	0 58	20 27	0 58	2 42	2 4	23 31	0 23	22 21	1 7	14 27	8 32	22 47	22 47	5 8	16 57	4 43
F 6	5 17	19 24	4 26	9 7	0s 3	6 39	1 2	1 3	0 58	20 27	0 58	2 39	2 4	23 31	0 23	22 21	1 7	14 27	8 32	22 48	22 47	5 5	16 58	4 43
S 7	5 40	22 26	3 49	9 49	0 10	7 9	1 0	0 47	0 58	20 26	0 58	2 36	2 5	23 31	0 23	22 21	1 7	14 27	8 32	22 49	22 48	5 2	16 59	4 42
S 8	6 3	24 24	3 1	10 30	0 17	7 38	0 59	0 32	0 58	20 26	0 59	2 34	2 5	23 31	0 23	22 21	1 7	14 27	8 32	22 49	22 48	4 59	17 0	4 42
M 9	6 26	25 5	2 2	11 10	0 24	8 8	0 57	0 16	0 57	20 25	0 59	2 31	2 5	23 31	0 23	22 21	1 7	14 27	8 32	22 50	22 48	4 56	17 1	4 42
T 10	6 49	24 22	0 55	11 50	0 31	8 37	0 55	0 0	0 57	20 25	0 59	2 28	2 5	23 31	0 23	22 21	1 7	14 26	8 32	22 50	22 49	4 53	17 2	4 42
W 11	7 12	22 14	0s16	12 29	0 38	9 6	0 53	0s15	0 57	20 24	0 59	2 25	2 5	23 31	0 23	22 21	1 7	14 26	8 32	22 50	22 49	4 50	17 3	4 42
T 12	7 34	18 45	1 28	13 8	0 45	9 35	0 51	0 31	0 57	20 24	0 59	2 23	2 5	23 31	0 23	22 22	1 6	14 26	8 32	22 50	22 49	4 47	17 4	4 42
F 13	7 57	14 7	2 36	13 45	0 51	10 4	0 49	0 47	0 56	20 23	0 59	2 20	2 5	23 31	0 23	22 22	1 6	14 26	8 33	22 50	22 50	4 44	17 5	4 41
S 14	8 19	8 35	3 36	14 22	0 58	10 32	0 47	1 3	0 56	20 22	0 59	2 17	2 5	23 30	0 23	22 22	1 6	14 26	8 33	22 50	22 50	4 41	17 6	4 41
S 15	8 42	2 30	4 22	14 59	1 5	11 0	0 45	1 18	0 56	20 21	0 59	2 14	2 5	23 30	0 23	22 22	1 6	14 26	8 33	22 51	22 50	4 38	17 7	4 41
M 16	9 4	3s46	4 51	15 34	1 11	11 28	0 43	1 34	0 55	20 21	0 59	2 12	2 6	23 30	0 23	22 22	1 6	14 25	8 33	22 52	22 51	4 35	17 8	4 41
T 17	9 26	9 51	5 1	16 9	1 18	11 56	0 41	1 50	0 55	20 20	0 59	2 9	2 6	23 30	0 23	22 22	1 6	14 25	8 33	22 53	22 51	4 33	17 9	4 41
W 18	9 48	15 18	4 50	16 42	1 24	12 23	0 39	2 5	0 55	20 19	0 59	2 6	2 6	23 30	0 23	22 22	1 6	14 25	8 33	22 54	22 51	4 30	17 10	4 41
T 19	10 10	19 46	4 20	17 15	1 31	12 50	0 37	2 21	0 55	20 18	0 59	2 4	2 6	23 30	0 23	22 22	1 6	14 25	8 33	22 55	22 51	4 27	17 11	4 41
F 20	10 31	22 57	3 35	17 48	1 37	13 17	0 35	2 37	0 54	20 17	0 59	2 1	2 6	23 30	0 23	22 22	1 6	14 25	8 33	22 56	22 52	4 24	17 12	4 40
S 21	10 53	24 40	2 39	18 19	1 43	13 44	0 33	2 52	0 54	20 16	0 59	1 58	2 6	23 30	0 23	22 22	1 6	14 25	8 33	22 57	22 52	4 21	17 13	4 40
S 22	11 14	24 55	1 35	18 49	1 48	14 10	0 30	3 8	0 54	20 16	0 59	1 56	2 6	23 29	0 23	22 22	1 6	14 24	8 34	22 57	22 52	4 18	17 14	4 40
M 23	11 35	23 48	0 29	19 18	1 54	14 36	0 28	3 24	0 53	20 15	0 59	1 53	2 6	23 29	0 23	22 22	1 6	14 24	8 34	22 57	22 53	4 15	17 15	4 40
T 24	11 56	21 31	0n37	19 47	1 59	15 1	0 26	3 39	0 53	20 14	0 59	1 51	2 7	23 29	0 23	22 22	1 6	14 24	8 34	22 57	22 53	4 12	17 16	4 40
W 25	12 17	18 19	1 40	20 14	2 5	15 26	0 24	3 55	0 53	20 13	0 59	1 48	2 7	23 29	0 23	22 22	1 6	14 24	8 34	22 57	22 53	4 9	17 17	4 40
T 26	12 38	14 23	2 38	20 40	2 10	15 51	0 21	4 11	0 52	20 11	0 59	1 46	2 7	23 29	0 23	22 22	1 6	14 24	8 34	22 57	22 54	4 6	17 18	4 40
F 27	12 58	9 57	3 28	21 5	2 14	16 15	0 19	4 26	0 52	20 10	0 59	1 43	2 7	23 29	0 23	22 22	1 6	14 24	8 34	22 57	22 54	4 3	17 19	4 40
S 28	13 18	5 11	4 9	21 29	2 19	16 39	0 16	4 42	0 52	20 9	0 59	1 41	2 7	23 29	0 23	22 22	1 6	14 24	8 34	22 58	22 54	4 0	17 20	4 40
S 29	13 38	0 12	4 39	21 52	2 23	17 2	0 14	4 57	0 51	20 8	0 59	1 38	2 7	23 28	0									

SWISS EPHEMERIS for the year 1656

NOVEMBER 1656 GC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
W 1	2 43 38	9♐17'01	25♍ 8	1♂ 0	21♐53	16♌30	4°R17	1♌ 6	10♌19	28♌16	17°R47	11°R 8	12♌13	9♐59	10♌ 5
T 2	2 47 34	10°17'14	7♌40	2°14	23° 8	17° 9	4♐11	1°12	10°22	28°17	17°R46	10°R56	12°10	10° 6	10°12
F 3	2 51 31	11°17'29	20°23	3°27	24°23	17°49	4° 4	1°19	10°24	28°19	17°45	10°46	12° 7	10°12	10°18
S 4	2 55 27	12°17'46	3♐19	4°38	25°38	18°28	3°57	1°25	10°26	28°21	17°44	10°38	12° 4	10°19	10°25
S 5	2 59 24	13°18'05	16°25	5°46	26°53	19° 7	3°49	1°31	10°28	28°22	17°43	10°33	12° 0	10°26	10°31
M 6	3 3 20	14°18'26	29°42	6°52	28° 8	19°47	3°42	1°37	10°31	28°24	17°42	10°30	11°57	10°32	10°38
T 7	3 7 17	15°18'48	13♌10	7°56	29°24	20°26	3°35	1°43	10°33	28°26	17°41	10°D30	11°54	10°39	10°45
W 8	3 11 14	16°19'13	26°49	8°56	0♌39	21° 5	3°27	1°50	10°35	28°28	17°40	10°30	11°51	10°46	10°51
T 9	3 15 10	17°19'39	10♌40	9°53	1°54	21°45	3°20	1°55	10°38	28°29	17°39	10°R31	11°48	10°53	10°58
F 10	3 19 7	18°20'08	24°42	10°46	3° 9	22°24	3°12	2° 1	10°40	28°31	17°38	10°31	11°45	10°59	11° 5
S 11	3 23 3	19°20'38	8♐55	11°35	4°24	23° 4	3° 4	2° 7	10°43	28°33	17°37	10°30	11°41	11° 6	11°11
S 12	3 27 0	20°21'10	23°17	12°18	5°39	23°43	2°57	2°13	10°45	28°35	17°36	10°26	11°38	11°13	11°18
M13	3 30 56	21°21'44	7♌45	12°56	6°54	24°23	2°49	2°19	10°48	28°37	17°35	10°20	11°35	11°19	11°25
T 14	3 34 53	22°22'20	6♐14	13°28	8° 9	25° 2	2°41	2°24	10°51	28°39	17°34	10°12	11°32	11°26	11°32
W15	3 38 49	23°22'57	6♐38	13°53	9°24	25°42	2°33	2°30	10°53	28°41	17°33	10° 4	11°29	11°33	11°39
T 16	3 42 46	24°23'36	20°49	14°10	10°39	26°21	2°25	2°36	10°56	28°43	17°32	9°57	11°25	11°39	11°46
F 17	3 46 43	25°24'17	4♌44	14°R19	11°54	27° 1	2°17	2°41	10°59	28°45	17°31	9°50	11°22	11°46	11°52
S 18	3 50 39	26°24'59	18°18	14°18	13° 9	27°41	2° 9	2°47	11° 1	28°47	17°30	9°46	11°19	11°53	11°59
S 19	3 54 36	27°25'42	1♌29	14° 7	14°24	28°20	2° 1	2°52	11° 4	28°49	17°29	9°44	11°16	12° 0	12° 6
M20	3 58 32	28°26'26	14°18	13°46	15°39	29° 0	1°52	2°57	11° 7	28°51	17°28	9°D44	11°13	12° 6	12°13
T 21	4 2 29	29°27'12	26°47	13°14	16°54	29°40	1°44	3° 2	11°10	28°53	17°27	9°45	11°10	12°13	12°20
W22	4 6 25	0♌27'58	9♌ 0	12°31	18° 9	0♐19	1°36	3° 7	11°13	28°55	17°26	9°47	11° 6	12°20	12°27
T 23	4 10 22	1°28'46	21° 0	11°38	19°24	0°59	1°28	3°13	11°16	28°57	17°24	9°48	11° 3	12°26	12°34
F 24	4 14 18	2°29'34	2♌53	10°35	20°39	1°39	1°20	3°18	11°19	28°59	17°23	9°R49	11° 0	12°33	12°41
S 25	4 18 15	3°30'24	14°44	9°24	21°54	2°18	1°11	3°22	11°22	29° 1	17°22	9°48	10°57	12°40	12°48
S 26	4 22 12	4°31'14	26°38	8° 6	23° 9	2°58	1° 3	3°27	11°25	29° 3	17°21	9°45	10°54	12°47	12°55
M27	4 26 8	5°32'06	8♍40	6°44	24°24	3°38	0°55	3°32	11°28	29° 5	17°20	9°41	10°51	12°53	13° 2
T 28	4 30 5	6°32'58	20°52	5°22	25°39	4°18	0°47	3°37	11°31	29° 7	17°19	9°36	10°47	13° 0	13° 9
W29	4 34 1	7°33'51	3♌19	4° 0	26°54	4°58	0°39	3°41	11°34	29° 9	17°18	9°31	10°44	13° 7	13°16
T 30	4 37 58	8°34'45	16♌ 2	2♌43	28♌ 9	5♐38	0♐31	3♌46	11♌37	29♌11	17♐16	9♌25	10♌41	13♌13	13♌23

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat										
W 1	14s37	14n18	4n54	22s54	2s33	18s10	0n 7	5s43	0n50	20n 5	0s59	1n31	2n 8	23s28	0s23	22s23	1n 6	14n23	8s34	23s 1	22s55	3s48	17s24	4n39	
T 2	14 56	18 22	4 31	23 12	2 36	18 31	0 4	5 59	0 50	20 3	0 59	1 28	2 8	23 28	0 23	22 23	1 6	14 23	8 34	23	2 22	56	3 45	17 25	4 39
F 3	15 15	21 38	3 54	23 28	2 38	18 52	0 2	6 14	0 50	20 2	0 59	1 26	2 8	23 28	0 23	22 23	1 6	14 23	8 35	23	3 22	56	3 42	17 26	4 39
S 4	15 33	23 53	3 5	23 43	2 40	19 13	0s 1	6 29	0 49	20 1	0 59	1 24	2 8	23 27	0 23	22 23	1 6	14 22	8 35	23	3 22	56	3 39	17 27	4 39
S 5	15 52	24 52	2 5	23 57	2 41	19 33	0 3	6 45	0 49	20 0	0 59	1 21	2 8	23 27	0 23	22 23	1 6	14 22	8 35	23	4 22	56	3 37	17 28	4 39
M 6	16 10	24 27	0 58	24 9	2 42	19 52	0 6	7 0	0 49	19 58	0 59	1 19	2 9	23 27	0 23	22 23	1 5	14 22	8 35	23	4 22	57	3 34	17 29	4 39
T 7	16 28	22 36	0s14	24 20	2 42	20 11	0 8	7 15	0 48	19 57	0 59	1 17	2 9	23 27	0 23	22 23	1 5	14 22	8 35	23	4 22	57	3 31	17 30	4 39
W 8	16 45	19 25	1 27	24 29	2 41	20 30	0 11	7 30	0 48	19 56	0 59	1 15	2 9	23 27	0 23	22 23	1 5	14 22	8 35	23	4 22	57	3 28	17 31	4 39
T 9	17 2	15 7	2 35	24 36	2 40	20 48	0 13	7 45	0 48	19 54	0 59	1 12	2 9	23 26	0 23	22 23	1 5	14 22	8 35	23	4 22	58	3 25	17 31	4 39
F 10	17 19	9 57	3 35	24 42	2 38	21 5	0 16	8 0	0 47	19 53	0 58	1 10	2 9	23 26	0 23	22 23	1 5	14 22	8 35	23	4 22	58	3 22	17 32	4 39
S 11	17 36	4 12	4 22	24 46	2 34	21 21	0 18	8 15	0 47	19 51	0 58	1 8	2 10	23 26	0 23	22 23	1 5	14 21	8 35	23	4 22	58	3 19	17 33	4 39
S 12	17 52	1s49	4 54	24 48	2 30	21 37	0 21	8 30	0 46	19 50	0 58	1 6	2 10	23 26	0 23	22 23	1 5	14 21	8 35	23	4 22	58	3 16	17 34	4 39
M13	18 8	7 47	5 7	24 48	2 25	21 53	0 23	8 45	0 46	19 49	0 58	1 4	2 10	23 26	0 23	22 23	1 5	14 21	8 35	23	5 22	59	3 13	17 35	4 39
T 14	18 24	13 19	5 0	24 45	2 19	22 8	0 25	9 0	0 46	19 47	0 58	1 2	2 10	23 25	0 23	22 23	1 5	14 21	8 35	23	5 22	59	3 10	17 36	4 39
W15	18 39	18 5	4 35	24 41	2 11	22 22	0 28	9 15	0 45	19 46	0 58	1 0	2 10	23 25	0 23	22 23	1 5	14 21	8 35	23	6 22	59	3 7	17 37	4 39
T 16	18 54	21 44	3 53	24 34	2 2	22 35	0 30	9 30	0 45	19 44	0 58	0 58	2 11	23 25	0 23	22 24	1 5	14 21	8 35	23	7 23	0	3 4	17 38	4 39
F 17	19 9	24 2	2 58	24 25	1 52	22 48	0 33	9 44	0 45	19 43	0 58	0 56	2 11	23 25	0 23	22 24	1 5	14 21	8 35	23	7 23	0	3 1	17 39	4 39
S 18	19 23	24 51	1 53	24 13	1 40	23 0	0 35	9 59	0 44	19 41	0 58	0 54	2 11	23 24	0 23	22 24	1 5	14 21	8 35	23	7 23	0	2 58	17 39	4 39
S 19	19 37	24 13	0 45	23 59	1 27	23 12	0 38	10 13	0 44	19 40	0 58	0 52	2 11	23 24	0 23	22 24	1 5	14 20	8 35	23	8 23	0	2 55	17 40	4 39
M20	19 51	22 18	0n25	23 42	1 12	23 22	0 40	10 28	0 43	19 38	0 58	0 50	2 11	23 24	0 23	22 24	1 5	14 20	8 35	23	8 23	1	2 52	17 41	4 39
T 21	20 4	19 21	1 31	23 21	0 56	23 32	0 42	10 42	0 43	19 37	0 57	0 48	2 12	23 24	0 23	22 24	1 5	14 20	8 35	23	8 23	1	2 49	17 42	4 39
W22	20 17	15 36	2 32	22 58	0 38	23 42	0 45	10 57	0 42	19 35	0 57	0 46	2 12	23 23	0 23	22 24	1 5	14 20	8 35	23	7 23	1	2 47	17 43	4 39
T 23	20 30	11 17	3 26	22 33	0 20	23 50	0 47	11 11	0 42	19 34	0 57	0 44	2 12	23 23	0 23	22 24	1 5	14 20	8 35	23	7 23	1	2 44	17 44	4 39
F 24	20 42	6 35	4 9	22 4	0n 0	23 58	0 49	11 25	0 42	19 32	0 57	0 43	2 12	23 23	0 23	22 24	1 5	14 20	8 35	23	7 23	2	2 41	17 44	4 39
S 25	20 54	1 41	4 42	21 34	0 21	24 6	0 52	11 39	0 41	19 30	0 57	0 41	2 12	23 23	0 23	22 24	1 5	14 20	8 35	23	7 23	2	2 38	17 45	4 40
S 26	21 5	3n18	5 3	21 1	0 41	24 12	0 54	11 53	0 41	19 29	0 57	0 39	2 13	23 22	0 23	22 24	1 5	14 20	8 35	23	7 23	2	2 35	17 46	4 40
M27	21 16	8 12	5 11	20 28	1 1	24 18	0 56	12 7	0 40	19 27	0 57	0 38	2 13	23 22	0 23	22 24	1 5	14 20	8 35	23	8 23	2	2 32	17 47	4 40
T 28	21 27	12 52	5 6	19 55	1 20	24 23	0 58	12 21	0 40	19 26	0 57	0 36	2 13	23 22	0 23	22 24	1 5	14 20	8 35	23	8 23	3	2 29	17 47	4 40
W29	21 37	17 6	4 45	19 23	1 38	24 27	1 0	12 35	0 39	19 24	0 56	0 34	2 13	23											

SWISS EPHEMERIS for the year 1656

DECEMBER 1656 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	4 41 54	9♁35'40	29♁ 2	1°R33	29♁24	6♁17	0°R23	3♁50	11♁40	29♁14	17°R15	9°R20	10♁38	13♁20	13♁30
S 2	4 45 51	10°36'36	12♁18	0♁31	0♁39	6°57	0♁15	3°55	11°43	29°16	17♁14	9♁16	10°35	13°27	13°37
S 3	4 49 47	11°37'33	25°49	29♁40	1°54	7°37	0° 7	3°59	11°46	29°18	17°13	9°14	10°31	13°33	13°44
M 4	4 53 44	12°38'31	9♁32	28°59	3° 9	8°17	29♁59	4° 3	11°50	29°20	17°12	9°D14	10°28	13°40	13°51
T 5	4 57 41	13°39'30	23°26	28°29	4°24	8°57	29°52	4° 7	11°53	29°22	17°11	9°14	10°25	13°47	13°58
W 6	5 1 37	14°40'30	7♁27	28°11	5°38	9°37	29°44	4°11	11°56	29°25	17° 9	9°16	10°22	13°54	14° 6
T 7	5 5 34	15°41'31	21°33	28°D 4	6°53	10°17	29°36	4°15	11°59	29°27	17° 8	9°17	10°19	14° 0	14°13
F 8	5 9 30	16°42'33	5♁42	28° 7	8° 8	10°57	29°29	4°19	12° 3	29°29	17° 7	9°18	10°16	14° 7	14°20
S 9	5 13 27	17°43'36	19°53	28°20	9°23	11°37	29°21	4°22	12° 6	29°31	17° 6	9°R19	10°12	14°14	14°27
S 10	5 17 23	18°44'40	4♁ 2	28°41	10°38	12°17	29°14	4°26	12° 9	29°33	17° 5	9°18	10° 9	14°20	14°34
M11	5 21 20	19°45'45	18° 9	29°10	11°53	12°57	29° 7	4°30	12°13	29°36	17° 4	9°16	10° 6	14°27	14°41
T 12	5 25 16	20°46'52	2♁10	29°47	13° 8	13°38	29° 0	4°33	12°16	29°38	17° 2	9°14	10° 3	14°34	14°48
W13	5 29 13	21°47'59	16° 4	0♁29	14°23	14°18	28°53	4°37	12°20	29°40	17° 1	9°11	10° 0	14°41	14°55
T 14	5 33 10	22°49'06	29°47	1°18	15°38	14°58	28°46	4°40	12°23	29°42	17° 0	9° 9	9°57	14°47	15° 2
F 15	5 37 6	23°50'15	13♁16	2°11	16°52	15°38	28°39	4°43	12°26	29°45	16°59	9° 7	9°53	14°54	15° 9
S 16	5 41 3	24°51'24	26°30	3° 8	18° 7	16°18	28°33	4°46	12°30	29°47	16°58	9° 6	9°50	15° 1	15°16
S 17	5 44 59	25°52'33	9♁27	4°10	19°22	16°59	28°26	4°49	12°33	29°49	16°57	9°D 5	9°47	15° 7	15°23
M18	5 48 56	26°53'43	22° 8	5°15	20°37	17°39	28°20	4°52	12°37	29°51	16°55	9° 6	9°44	15°14	15°30
T 19	5 52 52	27°54'53	4♁34	6°22	21°52	18°19	28°14	4°55	12°40	29°54	16°54	9° 7	9°41	15°21	15°36
W20	5 56 49	28°56'03	16°35	7°33	23° 6	18°59	28° 8	4°57	12°44	29°56	16°53	9° 8	9°37	15°28	15°43
T 21	6 0 46	29°57'14	28°46	8°45	24°21	19°40	28° 2	5° 0	12°47	29°58	16°52	9° 9	9°34	15°34	15°50
F 22	6 4 42	0♁58'24	10♁40	10° 0	25°36	20°20	27°56	5° 2	12°51	0♁ 1	16°51	9°10	9°31	15°41	15°57
S 23	6 8 39	1°59'34	22°31	11°16	26°51	21° 0	27°50	5° 5	12°54	0° 3	16°50	9°10	9°28	15°48	16° 4
S 24	6 12 35	3° 0'44	4♁25	12°34	28° 5	21°41	27°45	5° 7	12°58	0° 5	16°49	9°R10	9°25	15°54	16°11
M25	6 16 32	4° 1'54	16°25	13°54	29°20	22°21	27°40	5° 9	13° 1	0° 7	16°48	9°10	9°22	16° 1	16°18
T 26	6 20 28	5° 3'04	28°37	15°15	0♁35	23° 1	27°35	5°11	13° 5	0°10	16°46	9°10	9°18	16° 8	16°24
W27	6 24 25	6° 4'14	11♁ 4	16°37	1°49	23°42	27°30	5°13	13° 8	0°12	16°45	9° 9	9°15	16°15	16°31
T 28	6 28 21	7° 5'24	23°51	18° 0	3° 4	24°22	27°25	5°15	13°12	0°14	16°44	9° 9	9°12	16°21	16°38
F 29	6 32 18	8° 6'33	6♁59	19°23	4°19	25° 3	27°21	5°17	13°15	0°16	16°43	9° 9	9° 9	16°28	16°45
S 30	6 36 15	9° 7'42	20°29	20°48	5°33	25°43	27°16	5°19	13°19	0°19	16°42	9°D 9	9° 6	16°35	16°51
S 31	6 40 11	10♁ 8'51	4♁20	22♁14	6♁48	26♁24	27♁12	5♁20	13♁23	0♁21	16♁41	9°R 9	9♁ 3	16♁41	16♁58

Day	☉			☽			♀		♁		♂		♃		♅		♁		♁		♁		♁	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	21s56	23n16	3n22	18s24	2n 9	24s33	1s 4	13s 2	0n39	19n21	0s56	0n31	2n14	23s21	0s23	22s24	1n 5	14n19	8s35	23s 9	23s 3	2s20	17s50	4n40
S 2	22 5	24 40	2 12	18 0	2 21	24 35	1 6	13 16	0 38	19 20	0 56	0 30	2 14	23 21	0 23	22 24	1 5	14 19	8 35	23 10	23 4	2 17	17 50	4 40
S 3	22 13	24 38	1 23	17 40	2 31	24 37	1 8	13 29	0 38	19 18	0 56	0 28	2 14	23 20	0 23	22 24	1 5	14 19	8 35	23 10	23 4	2 14	17 51	4 40
M 4	22 21	23 7	0s 2	17 24	2 38	24 37	1 10	13 43	0 37	19 17	0 56	0 27	2 15	23 20	0 23	22 24	1 5	14 19	8 35	23 10	23 4	2 11	17 52	4 41
T 5	22 29	20 11	1 17	17 12	2 43	24 37	1 12	13 56	0 37	19 15	0 55	0 25	2 15	23 20	0 23	22 24	1 5	14 19	8 35	23 10	23 4	2 8	17 52	4 41
W 6	22 36	16 3	2 29	17 5	2 47	24 36	1 14	14 9	0 36	19 14	0 55	0 24	2 15	23 20	0 23	22 24	1 5	14 19	8 35	23 10	23 5	2 6	17 53	4 41
T 7	22 43	11 0	3 32	17 2	2 48	24 34	1 16	14 22	0 36	19 13	0 55	0 23	2 15	23 19	0 23	22 24	1 5	14 19	8 35	23 10	23 5	2 3	17 54	4 41
F 8	22 49	5 22	4 32	17 3	2 48	24 31	1 18	14 35	0 35	19 11	0 55	0 21	2 16	23 19	0 23	22 24	1 5	14 19	8 35	23 9	23 5	2 0	17 54	4 41
S 9	22 55	0s32	4 57	17 7	2 47	24 28	1 19	14 48	0 35	19 10	0 55	0 20	2 16	23 19	0 23	22 24	1 5	14 19	8 35	23 9	23 5	1 57	17 55	4 41
S 10	23 0	6 24	5 14	17 14	2 44	24 24	1 21	15 1	0 34	19 8	0 54	0 19	2 16	23 18	0 23	22 24	1 5	14 19	8 35	23 9	23 6	1 54	17 56	4 42
M11	23 5	11 55	5 11	17 24	2 40	24 19	1 23	15 13	0 34	19 7	0 54	0 18	2 16	23 18	0 23	22 24	1 5	14 19	8 35	23 10	23 6	1 51	17 56	4 42
T 12	23 10	16 47	4 50	17 36	2 36	24 14	1 24	15 26	0 33	19 6	0 54	0 17	2 17	23 18	0 23	22 24	1 5	14 18	8 35	23 10	23 6	1 48	17 57	4 42
W13	23 14	20 42	4 12	17 50	2 31	24 7	1 26	15 38	0 33	19 4	0 54	0 16	2 17	23 17	0 23	22 24	1 5	14 18	8 35	23 10	23 6	1 45	17 57	4 42
T 14	23 17	23 24	3 20	18 6	2 25	24 0	1 27	15 51	0 32	19 3	0 54	0 15	2 17	23 17	0 23	22 24	1 5	14 18	8 35	23 10	23 7	1 42	17 58	4 42
F 15	23 20	24 43	2 18	18 23	2 18	23 53	1 28	16 3	0 32	19 2	0 53	0 14	2 17	23 17	0 23	22 24	1 5	14 18	8 35	23 10	23 7	1 39	17 58	4 42
S 16	23 23	24 35	1 9	18 41	2 11	23 44	1 30	16 15	0 31	19 0	0 53	0 13	2 18	23 16	0 23	22 24	1 5	14 18	8 35	23 10	23 7	1 36	17 59	4 43
S 17	23 25	23 7	0n 2	18 59	2 4	23 35	1 31	16 27	0 31	18 59	0 53	0 12	2 18	23 16	0 23	22 24	1 5	14 18	8 35	23 10	23 7	1 33	18 0	4 43
M18	23 27	20 29	1 12	19 19	1 56	23 15	1 32	16 39	0 30	18 58	0 53	0 11	2 18	23 16	0 23	22 24	1 5	14 18	8 34	23 10	23 8	1 30	18 0	4 43
T 19	23 28	16 57	2 16	19 38	1 48	23 14	1 33	16 50	0 30	18 57	0 53	0 10	2 19	23 16	0 23	22 25	1 5	14 18	8 34	23 10	23 8	1 28	18 1	4 43
W20	23 29	12 46	3 14	19 57	1 40	23 3	1 34	17 2	0 29	18 56	0 52	0 9	2 19	23 15	0 23	22 25	1 5	14 18	8 34	23 10	23 8	1 25	18 1	4 44
T 21	23 29	8 9	4 2	20 17	1 32	22 51	1 35	17 14	0 28	18 55	0 52	0 8	2 19	23 15	0 23	22 25	1 5	14 18	8 34	23 10	23 8	1 22	18 1	4 44
F 22	23 29	3 17	4 39	20 36	1 24	22 38	1 36	17 25	0 28	18 54	0 52	0 8	2 19	23 15	0 23	22 25	1 5	14 18	8 34	23 10	23 9	1 19	18 2	4 44
S 23	23 28	1n41	5 4	20 55	1 16	22 25	1 37	17 36	0 27	18 53	0 52	0 7	2 20	23 14	0 23	22 25	1 5	14 18	8 34	23 10	23 9	1 16	18 2	4 44