

SWISS EPHEMERIS for the year 2002

JANUARY 2002

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	6 41 53	10 ²³ 3'01	1 ⁰ 7	25 ³ 35	7 ³ 10	16 ¹ 53	10 ⁰ R40	9 ⁰ R19	22 ² 27	7 ² 27	16 ² 2	27 ⁰ R10	26 ¹ 21	14 ¹ 41	2 ³ 10	
W 2	6 45 50	11 ⁰ 24'09	15 ⁰ 40	27 ⁰ 7	8 ² 25	17 ³ 37	10 ⁰ 32	9 ⁰ II16	22 ⁰ 30	7 ² 29	16 ⁰ 4	27 ⁰ II 8	26 ⁰ 18	14 ⁰ 48	2 ⁰ 16	
T 3	6 49 46	12 ⁰ 25'18	0 ⁰ 16	28 ⁰ 39	9 ⁴ 1	18 ² 21	10 ⁰ 24	9 ⁰ 12	22 ⁰ 33	7 ³ 1	16 ⁰ 6	27 ⁰ 6	26 ⁰ 15	14 ⁰ 54	2 ⁰ 23	
F 4	6 53 43	13 ⁰ 26'26	14 ⁰ 47	0 ⁰ 9	10 ⁰ 56	19 ⁰ 5	10 ⁰ 16	9 ⁰ 8	22 ⁰ 36	7 ³ 33	16 ⁰ 9	27 ⁰ 5	26 ⁰ 12	15 ⁰ 1	2 ⁰ 29	
S 5	6 57 39	14 ⁰ 27'35	29 ⁰ 10	1 ⁰ 37	12 ⁰ 12	19 ⁰ 48	10 ⁰ 8	9 ⁰ 5	22 ⁰ 39	7 ³ 35	16 ⁰ 11	27 ⁰ 3	26 ⁰ 9	15 ⁰ 8	2 ⁰ 36	
S 6	7 1 36	15 ⁰ 28'44	13 ⁰ 21	3 ⁰ 4	13 ⁰ 27	20 ⁰ 32	9 ⁰ 59	9 ⁰ 1	22 ⁰ 42	7 ³ 37	16 ⁰ 13	27 ⁰ D 3	26 ⁰ 6	15 ⁰ 15	2 ⁰ 42	
M 7	7 5 33	16 ⁰ 29'53	27 ⁰ 18	4 ⁰ 28	14 ⁰ 43	21 ⁰ 16	9 ⁰ 51	8 ⁰ 58	22 ⁰ 45	7 ³ 39	16 ⁰ 15	27 ⁰ 3	26 ⁰ 2	15 ⁰ 21	2 ⁰ 48	
T 8	7 9 29	17 ⁰ 31'02	11 ⁰ 1	5 ⁰ 49	15 ⁰ 58	22 ⁰ 0	9 ⁰ 43	8 ⁰ 55	22 ⁰ 48	7 ⁴ 2	16 ⁰ 17	27 ⁰ 4	25 ⁰ 59	15 ⁰ 28	2 ⁰ 55	
W 9	7 13 26	18 ⁰ 32'12	24 ⁰ 29	7 ⁰ 7	17 ⁰ 14	22 ⁰ 44	9 ⁰ 35	8 ⁰ 51	22 ⁰ 51	7 ⁴ 44	16 ⁰ 19	27 ⁰ 6	25 ⁰ 56	15 ⁰ 35	3 ⁰ 1	
T 10	7 17 22	19 ⁰ 33'21	7 ⁰ 43	8 ⁰ 22	18 ⁰ 29	23 ⁰ 28	9 ⁰ 28	8 ⁰ 48	22 ⁰ 54	7 ⁴ 46	16 ⁰ 21	27 ⁰ 7	25 ⁰ 53	15 ⁰ 41	3 ⁰ 7	
F 11	7 21 19	20 ⁰ 34'31	20 ⁰ 44	9 ⁰ 31	19 ⁰ 45	24 ⁰ 12	9 ⁰ 20	8 ⁰ 45	22 ⁰ 57	7 ⁴ 48	16 ⁰ 23	27 ⁰ R 8	25 ⁰ 50	15 ⁰ 48	3 ⁰ 13	
S 12	7 25 15	21 ⁰ 35'40	3 ⁰ 33	10 ⁰ 36	21 ⁰ 0	24 ⁰ 56	9 ⁰ 12	8 ⁰ 42	23 ⁰ 0	7 ⁵ 0	16 ⁰ 25	27 ⁰ 8	25 ⁰ 46	15 ⁰ 55	3 ⁰ 20	
S 13	7 29 12	22 ⁰ 36'49	16 ⁰ 11	11 ⁰ 34	22 ⁰ 16	25 ⁰ 39	9 ⁰ 4	8 ⁰ 39	23 ⁰ 3	7 ⁵ 2	16 ⁰ 27	27 ⁰ 7	25 ⁰ 43	16 ⁰ 2	3 ⁰ 26	
M14	7 33 8	23 ⁰ 37'58	28 ⁰ 37	12 ⁰ 25	23 ⁰ 31	26 ⁰ 23	8 ⁰ 37	8 ⁰ 37	23 ⁰ 6	7 ⁵ 5	16 ⁰ 29	27 ⁰ 4	25 ⁰ 40	16 ⁰ 8	3 ⁰ 32	
T 15	7 37 5	24 ⁰ 39'07	10 ⁰ 53	13 ⁰ 9	24 ⁰ 47	27 ⁰ 7	8 ⁰ 49	8 ⁰ 34	23 ⁰ 9	7 ⁵ 7	16 ⁰ 31	27 ⁰ 0	25 ⁰ 37	16 ⁰ 15	3 ⁰ 38	
W16	7 41 2	25 ⁰ 40'14	23 ⁰ 0	13 ⁰ 44	26 ⁰ 2	27 ⁰ 51	8 ⁰ 41	8 ⁰ 31	23 ⁰ 12	7 ⁵ 9	16 ⁰ 33	26 ⁰ 55	25 ⁰ 34	16 ⁰ 22	3 ⁰ 45	
T 17	7 44 58	26 ⁰ 41'22	4 ⁰ 59	14 ⁰ 10	27 ⁰ 17	28 ⁰ 35	8 ⁰ 34	8 ⁰ 29	23 ⁰ 16	8 ⁰ 1	16 ⁰ 35	26 ⁰ 49	25 ⁰ 31	16 ⁰ 29	3 ⁰ 51	
F 18	7 48 55	27 ⁰ 42'28	16 ⁰ 52	14 ⁰ 25	28 ⁰ 33	29 ⁰ 18	8 ⁰ 27	8 ⁰ 27	23 ⁰ 19	8 ⁰ 4	16 ⁰ 36	26 ⁰ 44	25 ⁰ 27	16 ⁰ 35	3 ⁰ 57	
S 19	7 52 51	28 ⁰ 43'34	28 ⁰ 44	14 ⁰ R29	29 ⁰ 48	0 ⁰ Y 2	8 ⁰ 20	8 ⁰ 24	23 ⁰ 22	8 ⁰ 6	16 ⁰ 38	26 ⁰ 39	25 ⁰ 24	16 ⁰ 42	4 ⁰ 3	
S 20	7 56 48	29 ⁰ 44'39	10 ⁰ Y36	14 ⁰ 22	1 ⁰ 4	0 ⁰ 46	8 ⁰ 12	8 ⁰ 22	23 ⁰ 25	8 ⁰ 8	16 ⁰ 40	26 ⁰ 36	25 ⁰ 21	16 ⁰ 49	4 ⁰ 9	
M21	8 0 44	0 ⁰ 45'43	22 ⁰ 33	14 ⁰ 3	2 ⁰ 19	1 ⁰ 29	8 ⁰ 5	8 ⁰ 20	23 ⁰ 28	8 ⁰ 10	16 ⁰ 42	26 ⁰ 34	25 ⁰ 18	16 ⁰ 55	4 ⁰ 15	
T 22	8 4 41	1 ⁰ 46'46	4 ⁰ 41	13 ⁰ 32	3 ⁰ 35	2 ⁰ 13	7 ⁰ 59	8 ⁰ 18	23 ⁰ 32	8 ⁰ 13	16 ⁰ 44	26 ⁰ D33	25 ⁰ 15	17 ⁰ 2	4 ⁰ 21	
W23	8 8 37	2 ⁰ 47'48	17 ⁰ 3	12 ⁰ 51	4 ⁰ 50	2 ⁰ 57	7 ⁰ 52	8 ⁰ 16	23 ⁰ 35	8 ⁰ 15	16 ⁰ 45	26 ⁰ 34	25 ⁰ 12	17 ⁰ 9	4 ⁰ 27	
T 24	8 12 34	3 ⁰ 48'49	29 ⁰ 45	11 ⁰ 59	6 ⁰ 5	3 ⁰ 40	7 ⁰ 45	8 ⁰ 15	23 ⁰ 38	8 ⁰ 17	16 ⁰ 47	26 ⁰ 36	25 ⁰ 8	17 ⁰ 16	4 ⁰ 33	
F 25	8 16 31	4 ⁰ 49'50	12 ⁰ II51	10 ⁰ 59	7 ⁰ 21	4 ⁰ 24	7 ⁰ 39	8 ⁰ 13	23 ⁰ 42	8 ⁰ 20	16 ⁰ 49	26 ⁰ 37	25 ⁰ 5	17 ⁰ 22	4 ⁰ 38	
S 26	8 20 27	5 ⁰ 50'49	26 ⁰ 23	9 ⁰ 51	8 ⁰ 36	5 ⁰ 8	7 ⁰ 32	8 ⁰ 12	23 ⁰ 45	8 ⁰ 22	16 ⁰ 51	26 ⁰ R38	25 ⁰ 2	17 ⁰ 29	4 ⁰ 44	
S 27	8 24 24	6 ⁰ 51'47	10 ⁰ 22	8 ⁰ 39	9 ⁰ 52	5 ⁰ 51	7 ⁰ 26	8 ⁰ 10	23 ⁰ 48	8 ⁰ 24	16 ⁰ 52	26 ⁰ 37	24 ⁰ 59	17 ⁰ 36	4 ⁰ 50	
M28	8 28 20	7 ⁰ 52'44	24 ⁰ 48	7 ⁰ 24	11 ⁰ 7	6 ⁰ 35	7 ⁰ 20	8 ⁰ 9	23 ⁰ 52	8 ⁰ 26	16 ⁰ 54	26 ⁰ 35	24 ⁰ 56	17 ⁰ 43	4 ⁰ 56	
T 29	8 32 17	8 ⁰ 53'41	9 ⁰ II34	6 ⁰ 8	12 ⁰ 22	7 ⁰ 18	7 ⁰ 14	8 ⁰ 8	23 ⁰ 55	8 ⁰ 29	16 ⁰ 56	26 ⁰ 30	24 ⁰ 52	17 ⁰ 49	5 ⁰ 2	
W30	8 36 13	9 ⁰ 54'36	24 ⁰ 34	4 ⁰ 54	13 ⁰ 38	8 ⁰ 2	7 ⁰ 8	8 ⁰ 7	23 ⁰ 58	8 ⁰ 31	16 ⁰ 57	26 ⁰ 23	24 ⁰ 49	17 ⁰ 56	5 ⁰ 7	
T 31	8 40 10	10 ⁰ 55'30	9 ⁰ III38	3 ⁰ 44	14 ⁰ 53	8 ⁰ Y45	7 ⁰ 3	8 ⁰ II 6	24 ⁰ 2	8 ⁰ 33	16 ⁰ Y59	26 ⁰ II16	24 ⁰ II46	18 ⁰ Y 3	5 ⁰ Y13	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	23s 2	22n47	2n57	23s 2	2s 3	23s39	0s24	5s50	0s42	23n 1	0n 0	20n 4	1s48	14s41	0s42	18s18	0n 6	13s 0	9n46	23n25	23n23	10s41	17s47	5n39
W 2	22 57	19 54	3 57	22 41	2 0	23 37	0 26	5 31	0 41	23 2	0 0	20 3	1 48	14 41	0 42	18 18	0 6	13 0	9 46	23 24	23 23	10 38	17 46	5 39
T 3	22 52	15 46	4 42	22 19	1 55	23 34	0 29	5 13	0 40	23 2	0 0	20 3	1 48	14 40	0 42	18 17	0 6	13 0	9 46	23 24	23 23	10 36	17 46	5 39
F 4	22 46	10 44	5 8	21 55	1 51	23 30	0 31	4 55	0 39	23 3	0 1	20 3	1 48	14 39	0 42	18 17	0 6	13 0	9 46	23 24	23 23	10 33	17 46	5 39
S 5	22 39	5 9	5 15	21 30	1 45	23 26	0 33	4 37	0 37	23 4	0 1	20 2	1 48	14 38	0 42	18 16	0 6	13 0	9 46	23 24	23 23	10 31	17 46	5 39
S 6	22 32	0s37	5 3	21 4	1 38	23 21	0 35	4 18	0 36	23 5	0 1	20 2	1 47	14 37	0 42	18 16	0 6	13 0	9 46	23 24	23 23	10 28	17 45	5 40
M 7	22 25	6 16	4 33	20 37	1 31	23 15	0 37	4 0	0 35	23 5	0 1	20 2	1 47	14 36	0 42	18 15	0 6	13 1	9 46	23 24	23 23	10 26	17 45	5 40
T 8	22 18	11 31	3 47	20 9	1 23	23 8	0 40	3 42	0 34	23 6	0 1	20 1	1 47	14 35	0 42	18 15	0 6	13 1	9 46	23 24	23 23	10 23	17 45	5 40
W 9	22 9	16 8	2 50	19 41	1 14	23 1	0 42	3 23	0 33	23 7	0 1	20 1	1 47	14 34	0 42	18 14	0 6	13 1	9 46	23 24	23 23	10 21	17 44	5 40
T 10	22 1	19 52	1 45	19 12	1 3	22 53	0 44	3 5	0 32	23 8	0 1	20 1	1 46	14 33	0 42	18 14	0 6	13 1	9 46	23 24	23 22	10 18	17 44	5 40
F 11	21 52	22 32	0 35	18 43	0 52	22 45	0 46	2 46	0 31	23 8	0 2	20 1	1 46	14 32	0 42	18 13	0 6	13 1	9 46	23 24	23 22	10 16	17 43	5 41
S 12	21 42	23 59	0s35	18 14	0 40	22 35	0 48	2 28	0 29	23 9	0 2	20 0	1 46	14 31	0 42	18 13	0 6	13 1	9 46	23 24	23 22	10 13	17 43	5 41
S 13	21 33	24 9	1 43	17 45	0 27	22 25	0 50	2 10	0 28	23 10	0 2	20 0	1 46	14 30	0 42	18 12	0 6	13 1	9 47	23 24	23 22	10 11	17 43	5 41
M14	21 22	23 7	2 44	17 17	0 13	22 14	0 52	1 51	0 27	23 10	0 2	20 0	1 46	14 29	0 42	18 11	0 6	13 1	9 47	23 24	23 22	10 8	17 42	5 41
T 15	21 12	20 59	3 37	16 50	0n 2	22 3	0 54	1 33	0 26	23 11	0 2	20 0	1 45	14 28	0 42	18 11	0 6	13 1	9 47	23 24	23 22	10 6	17 42	5 42
W16	21 1	17 56	4 19	16 25	0 18	21 51	0 56	1 14	0 25	23 11	0 2	20 0	1 45	14 27	0 42	18 10	0 6	13 1	9 47	23 24	23 22	10 3	17 41	5 42
T 17	20 49	14 10	4 50	16 1	0 35	21 38	0 57	0 56	0 24	23 12	0 2	20 0	1 45	14 25	0 42	18 10	0 6	13 2	9 47	23 24	23 22	10 1	17 41	5 42
F 18	20 37	9 54	5 7	15 40	0 53	21 25	0 59	0 38	0 23	23 13	0 3	19 59	1 45	14 24	0 42	18 9	0 6	13 2	9 47	23 24				

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F 1	8 44 7	11 ^h 56 ^m 24 ^s	24 ^h 36 ^m	2°R39	16 ^h 8 ^m	9 ^h 29 ^m	6°R57	8°R 5	24 ^h 5 ^m	8 ^h 35 ^m	17 ^h 0 ^m	26°R10	24 ^h 43 ^m	18 ^h 9 ^m	5 ^h 18 ^m
S 2	8 48 3	12°57'16"	9 ^h 21 ^m	1 ^h 40 ^m	17°23'	10°12'	6 ^h 52 ^m	8 ^h II 4	24° 9'	8°38'	17° 2'	26 ^h II 4	24°40'	18°16'	5°24'
S 3	8 52 0	13°58'08"	23°46'	0°50'	18°39'	10°55'	6°47'	8° 3'	24°12'	8°40'	17° 3'	26° 0'	24°37'	18°23'	5°29'
M 4	8 55 56	14°58'59"	7 ^h 48 ^m	0° 7'	19°54'	11°39'	6°42'	8° 3'	24°16'	8°42'	17° 5'	25°58'	24°33'	18°30'	5°35'
T 5	8 59 53	15°59'49"	21°27'	29 ^h 32 ^m	21° 9'	12°22'	6°37'	8° 2'	24°19'	8°45'	17° 6'	25°D58'	24°30'	18°36'	5°40'
W 6	9 3 49	17° 0'39"	4 ^h 45 ^m	29° 7'	22°25'	13° 5'	6°32'	8° 2'	24°22'	8°47'	17° 7'	25°59'	24°27'	18°43'	5°46'
T 7	9 7 46	18° 1'27"	17°44'	28°49'	23°40'	13°49'	6°28'	8° 2'	24°26'	8°49'	17° 9'	26° 0'	24°24'	18°50'	5°51'
F 8	9 11 42	19° 2'15"	0 ^h 32 ^m	28°40'	24°55'	14°32'	6°24'	8°D 2	24°29'	8°51'	17°10'	26°R 0	24°21'	18°56'	5°56'
S 9	9 15 39	20° 3'01"	12°57'	28°D38'	26°10'	15°15'	6°19'	8° 2'	24°33'	8°54'	17°11'	25°58'	24°18'	19° 3'	6° 1'
S 10	9 19 36	21° 3'47"	25°17'	28°44'	27°26'	15°58'	6°15'	8° 2'	24°36'	8°56'	17°13'	25°54'	24°14'	19°10'	6° 6'
M11	9 23 32	22° 4'31"	7 ^h 29 ^m	28°56'	28°41'	16°42'	6°12'	8° 2'	24°40'	8°58'	17°14'	25°48'	24°11'	19°17'	6°12'
T 12	9 27 29	23° 5'14"	19°34'	29°15'	29°56'	17°25'	6° 8'	8° 3'	24°43'	9° 0'	17°15'	25°38'	24° 8'	19°23'	6°17'
W13	9 31 25	24° 5'55"	1 ^h 33 ^m	29°39'	1 ^h 11 ^m	18° 8'	6° 5'	8° 3'	24°47'	9° 3'	17°16'	25°27'	24° 5'	19°30'	6°22'
T 14	9 35 22	25° 6'35"	13°28'	0 ^h 8 ^m	9° 2'	18°51'	6° 2'	8° 4'	24°50'	9° 5'	17°18'	25°15'	24° 2'	19°37'	6°26'
F 15	9 39 18	26° 7'14"	25°21'	0°44'	3°41'	19°34'	5°59'	8° 5'	24°54'	9° 7'	17°19'	25° 3'	23°58'	19°44'	6°31'
S 16	9 43 15	27° 7'51"	7 ^h 12 ^m	1°23'	4°57'	20°17'	5°56'	8° 5'	24°57'	9° 9'	17°20'	24°52'	23°55'	19°50'	6°36'
S 17	9 47 11	28° 8'26"	19° 4'	2° 6'	6°12'	21° 0'	5°53'	8° 6'	25° 1'	9°11'	17°21'	24°43'	23°52'	19°57'	6°41'
M18	9 51 8	29° 9'00"	1 ^h 1'	2°54'	7°27'	21°43'	5°51'	8° 7'	25° 4'	9°13'	17°22'	24°36'	23°49'	20° 4'	6°46'
T 19	9 55 4	0 ^h 9'32"	13° 6'	3°45'	8°42'	22°26'	5°49'	8° 9'	25° 7'	9°16'	17°23'	24°32'	23°46'	20°10'	6°50'
W20	9 59 1	1°10'02"	25°24'	4°39'	9°57'	23° 9'	5°47'	8°10'	25°11'	9°18'	17°24'	24°31'	23°43'	20°17'	6°55'
T 21	10 2 58	2°10'30"	8 ^h II 0	5°36'	11°12'	23°52'	5°45'	8°11'	25°14'	9°20'	17°25'	24°D31'	23°39'	20°24'	6°59'
F 22	10 6 54	3°10'56"	20°58'	6°36'	12°27'	24°34'	5°43'	8°13'	25°18'	9°22'	17°26'	24°R31'	23°36'	20°31'	7° 4'
S 23	10 10 51	4°11'21"	4 ^h 22 ^m	7°38'	13°42'	25°17'	5°42'	8°15'	25°21'	9°24'	17°27'	24°31'	23°33'	20°37'	7° 8'
S 24	10 14 47	5°11'44"	18°17'	8°43'	14°57'	26° 0'	5°41'	8°16'	25°25'	9°26'	17°27'	24°29'	23°30'	20°44'	7°12'
M25	10 18 44	6°12'04"	2 ^h 40 ^m	9°50'	16°12'	26°43'	5°40'	8°18'	25°28'	9°28'	17°28'	24°24'	23°27'	20°51'	7°17'
T 26	10 22 40	7°12'23"	17°31'	11° 0'	17°27'	27°25'	5°39'	8°20'	25°32'	9°30'	17°29'	24°17'	23°24'	20°57'	7°21'
W27	10 26 37	8°12'40"	2 ^h 41 ^m	12°11'	18°42'	28° 8'	5°38'	8°22'	25°35'	9°33'	17°30'	24° 7'	23°20'	21° 4'	7°25'
T 28	10 30 33	9 ^h 12'55"	18 ^h II 1	13 ^h 24 ^m	19 ^h 56 ^m	28 ^h 51 ^m	5 ^h 38 ^m	8 ^h II 24	25 ^h 38 ^m	9 ^h 35 ^m	17 ^h 31 ^m	23 ^h II 56	23 ^h II 17	21 ^h 11 ^m	7 ^h 29 ^m

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	17s13	6n51	5n 8	16s 4	3n35	17s15	1s19	3n37	0s 9	23n20	0n 4	19n59	1s41	14s 9	0s42	18s 1	0n 6	13s 2	9n49	23n23	23n20	9s23	17s33	5n47
S 2	16 56	0 54	5 0	16 20	3 32	16 53	1 20	3 55	0 8	23 20	0 4	20 0	1 41	14 8	0 42	18 1	0 6	13 2	9 49	23 23	23 20	9 21	17 33	5 47
S 3	16 38	5s 0	4 33	16 36	3 27	16 31	1 21	4 13	0 7	23 21	0 5	20 0	1 41	14 7	0 42	18 0	0 6	13 2	9 50	23 23	23 20	9 18	17 32	5 48
M 4	16 20	10 29	3 50	16 52	3 20	16 8	1 22	4 31	0 6	23 21	0 5	20 0	1 40	14 5	0 42	17 59	0 6	13 2	9 50	23 23	23 20	9 15	17 31	5 48
T 5	16 2	15 19	2 55	17 7	3 12	15 45	1 22	4 49	0 5	23 21	0 5	20 0	1 40	14 4	0 42	17 59	0 6	13 1	9 50	23 23	23 20	9 13	17 31	5 49
W 6	15 44	19 15	1 52	17 22	3 2	15 21	1 23	5 6	0 4	23 22	0 5	20 0	1 40	14 3	0 42	17 58	0 6	13 1	9 50	23 23	23 19	9 10	17 30	5 49
T 7	15 26	22 8	0 44	17 35	2 52	14 57	1 24	5 24	0 3	23 22	0 5	20 1	1 40	14 2	0 42	17 58	0 6	13 1	9 50	23 23	23 19	9 8	17 30	5 49
F 8	15 7	23 50	0s24	17 48	2 41	14 33	1 25	5 42	0 2	23 22	0 5	20 1	1 39	14 1	0 42	17 57	0 6	13 1	9 50	23 23	23 19	9 5	17 29	5 50
S 9	14 48	24 18	1 30	17 59	2 30	14 8	1 25	5 59	0 1	23 23	0 5	20 1	1 39	14 0	0 42	17 56	0 6	13 1	9 51	23 23	23 19	9 3	17 28	5 50
S 10	14 29	23 32	2 30	18 9	2 18	13 42	1 26	6 17	0 0	23 23	0 5	20 1	1 39	13 59	0 42	17 56	0 6	13 1	9 51	23 23	23 19	9 0	17 28	5 51
M11	14 9	21 40	3 23	18 19	2 6	13 17	1 26	6 34	0n	0 23 23	0 6	20 2	1 39	13 57	0 42	17 55	0 6	13 1	9 51	23 22	23 19	8 57	17 27	5 51
T 12	13 49	18 50	4 6	18 27	1 54	12 51	1 27	6 51	0 1	23 24	0 6	20 2	1 38	13 56	0 42	17 55	0 6	13 1	9 51	23 22	23 19	8 55	17 26	5 52
W13	13 29	15 14	4 38	18 33	1 42	12 24	1 27	7 9	0 2	23 24	0 6	20 2	1 38	13 55	0 42	17 54	0 6	13 1	9 52	23 22	23 18	8 52	17 26	5 52
T 14	13 9	11 4	4 57	18 39	1 30	11 58	1 27	7 26	0 3	23 24	0 6	20 3	1 38	13 54	0 42	17 54	0 6	13 1	9 52	23 21	23 18	8 50	17 25	5 52
F 15	12 49	6 29	5 3	18 43	1 18	11 31	1 27	7 43	0 4	23 24	0 6	20 3	1 38	13 53	0 42	17 53	0 6	13 1	9 52	23 21	23 18	8 47	17 24	5 53
S 16	12 28	1 41	4 56	18 46	1 7	11 3	1 27	8 0	0 5	23 25	0 6	20 3	1 37	13 52	0 42	17 52	0 6	13 1	9 52	23 20	23 18	8 44	17 24	5 53
S 17	12 7	3n12	4 36	18 48	0 55	10 36	1 28	8 17	0 6	23 25	0 6	20 4	1 37	13 50	0 42	17 52	0 6	13 0	9 52	23 20	23 18	8 42	17 23	5 54
M18	11 46	8 0	4 5	18 48	0 44	10 8	1 28	8 34	0 6	23 25	0 6	20 4	1 37	13 49	0 42	17 51	0 6	13 0	9 53	23 20	23 18	8 39	17 22	5 54
T 19	11 25	12 34	3 21	18 47	0 33	9 40	1 27	8 51	0 7	23 25	0 7	20 5	1 37	13 48	0 42	17 51	0 6	13 0	9 53	23 20	23 18	8 37	17 21	5 55
W20	11 4	16 43	2 28	18 45	0 22	9 11	1 27	9 7	0 8	23 25	0 7	20 5	1 36	13 47	0 42	17 50	0 6	13 0	9 53	23 20	23 17	8 34	17 21	5 55
T 21	10 42	20 13	1 27	18 41	0 12	8 43	1 27	9 24	0 9	23 26	0 7	20 6	1 36	13 46	0 42	17 50	0 6	13 0	9 53	23 20	23 17	8 31	17 20	5 56
F 22	10 20	22 49	0 19	18 36	0 2	8 14	1 27	9 40	0 10	23 26	0 7	20 6	1 36	13 45	0 42	17 49	0 6	13 0	9 53	23 20	23 17	8 29	17 19	5 56
S 23	9 58	24 14	0n52	18 30	0s 8	7 45	1 27	9 57	0 10	23 26	0 7	20 7	1 35	13 43	0 42	17 48	0 6	13 0	9 54	23 20	23 17	8 26	17 19	5 57
S 24	9 36	24 13	2 2	18 22	0 18	7 15	1 26	10 13	0 11	23 26	0 7	20 7	1 35	13 42	0 42	17 48	0 6	12 59	9 54	23 19	23 17	8 24	17 18	5 57
M25	9 14	22 36	3 7	18 13	0 27	6 46	1 26	10 29	0 12	23 26	0 7	20 8	1 35	13 41	0 42	17 47	0 6	12 59	9 54	23 19	23 17	8 21	17 17	5 58
T 26	8 52	19 25	4 2	18 3	0 36	6 16	1 25	10 45	0 13	23 26	0 7	20 8	1 35	13 40	0 42	17 47	0 6	12 59	9 54	23 19	23 16	8 18	17 16	5 58
W27	8 29	14 52	4 40	17 51	0 44	5 46	1 25	11 1	0 14	23 27	0 7	20 9	1 34	13 39	0 42	17 46	0 6	12 59	9 55	23 19	23 16	8 16	17 16	5 59
T 28	8s 7	9n20	4n59	17s38	0s53	5s16	1s24	11n17	0n14	23n27	0n 7	20n 9	1s34	13s38	0s42	17s46	0n 6	12s59	9n55	23n18	23n16	8s13	17s15	5n59

Julian Day Number = 2452306.5, Delta T = 64.32 sec
 Ecliptic obliquity = 23°26'21", Nutation = - 0°00'16"
 Ayanamsha: Fagan/Bradley = 24°46'10", Lahiri = 23°53'10"

SWISS EPHEMERIS for the year 2002

MARCH 2002

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	10 34 30	10 ^h 13'09"	3 ^h 19'	14 ^h 39'	21 ^h 11'	29 ^h 33'	5°R37	8 ^h 27'	25 ^h 42'	9 ^h 37'	17 ^h 31'	23°R45	23 ^h 14'	21 ^h 18'	7 ^h 33'	
S 2	10 38 27	11°13'20"	18°24'	15°56'	22°26'	0 ^h 16'	5°D37	8°29'	25°45'	9°39'	17°32'	23 ^h 36'	23°11'	21°24'	7°37'	
S 3	10 42 23	12°13'31"	3 ^h 17'	17°14'	23°41'	0°58'	5 ^h 38'	8°31'	25°49'	9°41'	17°32'	23°29'	23° 8'	21°31'	7°40'	
M 4	10 46 20	13°13'39"	17°23'	18°34'	24°56'	1°41'	5°38'	8°34'	25°52'	9°43'	17°33'	23°24'	23° 4'	21°38'	7°44'	
T 5	10 50 16	14°13'47"	1 ^h 11'	19°55'	26°11'	2°23'	5°39'	8°37'	25°55'	9°45'	17°34'	23°22'	23° 1'	21°45'	7°48'	
W 6	10 54 13	15°13'52"	14°31'	21°18'	27°25'	3° 6'	5°39'	8°39'	25°59'	9°47'	17°34'	23°D22	22°58'	21°51'	7°52'	
T 7	10 58 9	16°13'57"	27°27'	22°42'	28°40'	3°48'	5°40'	8°42'	26° 2'	9°48'	17°35'	23°R22	22°55'	21°58'	7°55'	
F 8	11 2 6	17°13'59"	10 ^h 3'	24° 7'	29°55'	4°30'	5°41'	8°45'	26° 5'	9°50'	17°35'	23°21'	22°52'	22° 5'	7°58'	
S 9	11 6 2	18°14'00"	22°25'	25°34'	1°9'	5°13'	5°43'	8°48'	26° 9'	9°52'	17°35'	23°18'	22°49'	22°11'	8° 2'	
S 10	11 9 59	19°14'00"	4 ^h 34'	27° 2'	2°24'	5°55'	5°44'	8°52'	26°12'	9°54'	17°36'	23°13'	22°45'	22°18'	8° 5'	
M11	11 13 56	20°13'57"	16°36'	28°31'	3°39'	6°37'	5°46'	8°55'	26°15'	9°56'	17°36'	23° 4'	22°42'	22°25'	8° 8'	
T 12	11 17 52	21°13'53"	28°32'	0 ^h 2'	4°53'	7°19'	5°48'	8°58'	26°18'	9°58'	17°36'	22°53'	22°39'	22°32'	8°12'	
W13	11 21 49	22°13'47"	10 ^h 26'	1°33'	6° 8'	8° 1'	5°50'	9° 2'	26°21'	10° 0'	17°37'	22°39'	22°36'	22°38'	8°15'	
T 14	11 25 45	23°13'39"	22°18'	3° 6'	7°22'	8°44'	5°52'	9° 5'	26°25'	10° 1'	17°37'	22°24'	22°33'	22°45'	8°18'	
F 15	11 29 42	24°13'29"	4 ^h 10'	4°41'	8°37'	9°26'	5°55'	9° 9'	26°28'	10° 3'	17°37'	22° 9'	22°29'	22°52'	8°20'	
S 16	11 33 38	25°13'17"	16° 4'	6°16'	9°52'	10° 8'	5°58'	9°13'	26°31'	10° 5'	17°37'	21°56'	22°26'	22°58'	8°23'	
S 17	11 37 35	26°13'03"	28° 0'	7°53'	11° 6'	10°50'	6° 0'	9°17'	26°34'	10° 7'	17°38'	21°44'	22°23'	23° 5'	8°26'	
M18	11 41 31	27°12'46"	10 ^h 1'	9°31'	12°20'	11°32'	6° 4'	9°21'	26°37'	10° 8'	17°38'	21°36'	22°20'	23°12'	8°29'	
T 19	11 45 28	28°12'28"	22° 9'	11°10'	13°35'	12°14'	6° 7'	9°25'	26°40'	10°10'	17°38'	21°30'	22°17'	23°19'	8°31'	
W20	11 49 25	29°12'08"	4 ^h 29'	12°50'	14°49'	12°56'	6°10'	9°29'	26°43'	10°12'	17°38'	21°27'	22°14'	23°25'	8°34'	
T 21	11 53 21	0 ^h 11'45"	17° 3'	14°32'	16° 4'	13°37'	6°14'	9°33'	26°46'	10°13'	17°R38	21°D26	22°10'	23°32'	8°36'	
F 22	11 57 18	1°11'20"	29°57'	16°15'	17°18'	14°19'	6°18'	9°38'	26°49'	10°15'	17°38'	21°R26	22° 7'	23°39'	8°39'	
S 23	12 1 14	2°10'53"	13 ^h 14'	17°59'	18°32'	15° 1'	6°22'	9°42'	26°52'	10°17'	17°38'	21°26'	22° 4'	23°46'	8°41'	
S 24	12 5 11	3°10'23"	26°57'	19°44'	19°47'	15°43'	6°26'	9°46'	26°55'	10°18'	17°38'	21°24'	22° 1'	23°52'	8°43'	
M25	12 9 7	4° 9'51"	11 ^h 10'	21°31'	21° 1'	16°25'	6°30'	9°51'	26°58'	10°20'	17°37'	21°20'	21°58'	23°59'	8°45'	
T 26	12 13 4	5° 9'17"	25°49'	23°19'	22°15'	17° 6'	6°34'	9°56'	27° 1'	10°21'	17°37'	21°13'	21°55'	24° 6'	8°47'	
W27	12 17 0	6° 8'41"	10 ^h 51'	25° 8'	23°29'	17°48'	6°39'	10° 0'	27° 4'	10°23'	17°37'	21° 4'	21°51'	24°12'	8°49'	
T 28	12 20 57	7° 8'02"	26° 8'	26°59'	24°43'	18°29'	6°44'	10° 5'	27° 7'	10°24'	17°37'	20°54'	21°48'	24°19'	8°51'	
F 29	12 24 54	8° 7'21"	11 ^h 27'	28°51'	25°57'	19°11'	6°49'	10°10'	27°10'	10°26'	17°37'	20°43'	21°45'	24°26'	8°53'	
S 30	12 28 50	9° 6'38"	26°39'	0 ^h 44'	27°11'	19°52'	6°54'	10°15'	27°13'	10°27'	17°36'	20°34'	21°42'	24°33'	8°54'	
S 31	12 32 47	10 ^h 5'53"	11 ^h 32'	2 ^h 38'	28 ^h 25'	20 ^h 34'	6 ^h 59'	10 ^h 20'	27 ^h 15'	10 ^h 28'	17 ^h 36'	20 ^h 26'	21 ^h 39'	24 ^h 39'	8 ^h 56'	

Day	☉			☽			♀		♂		♂		♂		♂		♂		♂					
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
F 1	7s44	3n13	4n57	17s24	1s 0	4s46	1s23	11n33	0n15	23n27	0n 8	20n10	1s34	13s37	0s42	17s45	0n 6	12s59	9n55	23n18	23n16	8s11	17s14	6n 0
S 2	7 21	3s 0	4 34	17 8	1 8	4 16	1 22	11 49	0 16	23 27	0 8	20 11	1 34	13 36	0 42	17 45	0 6	12 58	9 55	23 17	23 16	8 8	17 13	6 1
S 3	6 58	8 54	3 32	16 52	1 15	3 45	1 22	12 4	0 17	23 27	0 8	20 11	1 33	13 34	0 42	17 44	0 6	12 58	9 56	23 17	23 16	8 5	17 13	6 1
M 4	6 35	14 11	2 58	16 33	1 22	3 15	1 21	12 20	0 17	23 27	0 8	20 12	1 33	13 33	0 42	17 44	0 6	12 58	9 56	23 17	23 15	8 3	17 12	6 2
T 5	6 12	18 32	1 54	16 14	1 28	2 44	1 20	12 35	0 18	23 27	0 8	20 12	1 33	13 32	0 42	17 43	0 6	12 58	9 56	23 16	23 15	8 0	17 11	6 2
W 6	5 49	21 46	0 47	15 53	1 34	2 14	1 19	12 50	0 19	23 27	0 8	20 13	1 33	13 31	0 42	17 43	0 6	12 58	9 56	23 16	23 15	7 57	17 10	6 3
T 7	5 26	23 47	0s22	15 31	1 40	1 43	1 18	13 5	0 19	23 27	0 8	20 14	1 33	13 30	0 42	17 42	0 6	12 57	9 57	23 16	23 15	7 55	17 9	6 3
F 8	5 3	24 30	1 27	15 8	1 45	1 12	1 17	13 20	0 20	23 27	0 8	20 15	1 32	13 29	0 42	17 42	0 6	12 57	9 57	23 16	23 15	7 52	17 9	6 4
S 9	4 39	23 59	2 27	14 43	1 50	0 41	1 15	13 35	0 21	23 27	0 8	20 15	1 32	13 28	0 42	17 41	0 6	12 57	9 57	23 16	23 15	7 49	17 8	6 4
S 10	4 16	22 20	3 19	14 17	1 54	0 11	1 14	13 50	0 22	23 27	0 8	20 16	1 32	13 27	0 42	17 41	0 6	12 57	9 57	23 16	23 14	7 47	17 7	6 5
M11	3 52	19 42	4 2	13 50	1 58	0n20	1 13	14 5	0 22	23 27	0 9	20 17	1 32	13 26	0 42	17 40	0 6	12 57	9 58	23 15	23 14	7 44	17 6	6 6
T 12	3 29	16 15	4 33	13 22	2 2	0 51	1 11	14 19	0 23	23 27	0 9	20 17	1 31	13 24	0 42	17 40	0 6	12 56	9 58	23 15	23 14	7 41	17 6	6 6
W13	3 5	12 10	4 52	12 52	2 5	1 22	1 10	14 33	0 24	23 27	0 9	20 18	1 31	13 23	0 42	17 39	0 6	12 56	9 58	23 14	23 14	7 39	17 5	6 7
T 14	2 41	7 38	4 59	12 21	2 8	1 53	1 8	14 48	0 24	23 27	0 9	20 19	1 31	13 22	0 42	17 39	0 6	12 56	9 58	23 13	23 14	7 36	17 4	6 7
F 15	2 18	2 49	4 53	11 49	2 11	2 24	1 7	15 2	0 25	23 27	0 9	20 20	1 31	13 21	0 42	17 38	0 6	12 56	9 58	23 12	23 14	7 33	17 3	6 8
S 16	1 54	2n 7	4 33	11 16	2 13	2 54	1 5	15 16	0 26	23 27	0 9	20 21	1 30	13 20	0 42	17 38	0 6	12 56	9 59	23 12	23 13	7 31	17 3	6 9
S 17	1 30	6 59	4 2	10 41	2 14	3 25	1 4	15 29	0 26	23 27	0 9	20 21	1 30	13 19	0 42	17 37	0 6	12 55	9 59	23 11	23 13	7 28	17 2	6 9
M18	1 7	11 39	3 20	10 6	2 15	3 56	1 2	15 43	0 27	23 27	0 9	20 22	1 30	13 18	0 42	17 37	0 6	12 55	9 59	23 10	23 13	7 25	17 1	6 10
T 19	0 43	15 55	2 28	9 29	2 16	4 26	1 0	15 57	0 28	23 27	0 9	20 23	1 30	13 17	0 42	17 36	0 6	12 55	9 59	23 10	23 13	7 23	17 0	6 10
W20	0 19	19 35	1 28	8 50	2 16	4 57	0 58	16 10	0 28	23 27	0 9	20 24	1 29	13 16	0 42	17 36	0 6	12 55	10 0	23 10	23 13	7 20	16 59	6 11
T 21	0n 5	22 25	0 23	8 11	2 16	5 27	0 56	16 23	0 29	23 27	0 9	20 25	1 29	13 15	0 42	17 36	0 6	12 54	10 0	23 10	23 12	7 17	16 59	6 12
F 22	0 28	24 11	0n45	7 30	2 15	5 57	0 54	16 36	0 29	23 27	0 10	20 26	1 29	13 14	0 42	17 35	0 5	12 54	10 0	23 10	23 12	7 15	16 58	6 12
S 23	0 52	24 39	1 53	6 49	2 14	6 27	0 53	16 49																

SWISS EPHEMERIS for the year 2002

APRIL 2002

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	12 36 43	11° 5' 07"	25° 59' 59"	4° 34' 34"	29° 39' 39"	21° 15' 15"	7° 5' 5"	10° 25' 25"	27° 18' 18"	10° 30' 30"	17° 36' 36"	20° 22' 22"	21° 35' 35"	24° 46' 46"	8° 57' 57"	
T 2	12 40 40	12° 4' 18"	9° 58' 58"	6° 32' 32"	0° 53' 53"	21° 57' 57"	7° 11' 11"	10° 31' 31"	27° 21' 21"	10° 31' 31"	17° 35' 35"	20° 19' 19"	21° 32' 32"	24° 53' 53"	8° 59' 59"	
W 3	12 44 36	13° 3' 28"	23° 27' 27"	8° 30' 30"	2° 7' 7"	22° 38' 38"	7° 16' 16"	10° 36' 36"	27° 24' 24"	10° 32' 32"	17° 35' 35"	20° 19' 19"	21° 29' 29"	25° 0' 0"	9° 0' 0"	
T 4	12 48 33	14° 2' 36"	6° 29' 29"	10° 30' 30"	3° 21' 21"	23° 20' 20"	7° 22' 22"	10° 41' 41"	27° 26' 26"	10° 34' 34"	17° 34' 34"	20° 20' 20"	21° 26' 26"	25° 6' 6"	9° 1' 1"	
F 5	12 52 29	15° 1' 43"	19° 8' 8"	12° 31' 31"	4° 35' 35"	24° 1' 1"	7° 28' 28"	10° 47' 47"	27° 29' 29"	10° 35' 35"	17° 34' 34"	20° 20' 20"	21° 23' 23"	25° 13' 13"	9° 2' 2"	
S 6	12 56 26	16° 0' 47"	1° 28' 28"	14° 33' 33"	5° 49' 49"	24° 42' 42"	7° 35' 35"	10° 52' 52"	27° 31' 31"	10° 36' 36"	17° 33' 33"	20° 18' 18"	21° 20' 20"	25° 20' 20"	9° 3' 3"	
S 7	13 0 23	16° 59' 50"	13° 35' 35"	16° 36' 36"	7° 3' 3"	25° 23' 23"	7° 41' 41"	10° 58' 58"	27° 34' 34"	10° 37' 37"	17° 33' 33"	20° 15' 15"	21° 16' 16"	25° 26' 26"	9° 4' 4"	
M 8	13 4 19	17° 58' 51"	25° 33' 33"	18° 40' 40"	8° 17' 17"	26° 4' 4"	7° 48' 48"	11° 3' 3"	27° 36' 36"	10° 38' 38"	17° 32' 32"	20° 9' 9"	21° 13' 13"	25° 33' 33"	9° 5' 5"	
T 9	13 8 16	18° 57' 50"	7° 26' 26"	20° 44' 44"	9° 30' 30"	26° 46' 46"	7° 54' 54"	11° 9' 9"	27° 39' 39"	10° 39' 39"	17° 32' 32"	20° 1' 1"	21° 10' 10"	25° 40' 40"	9° 6' 6"	
W10	13 12 12	19° 56' 48"	19° 17' 17"	22° 50' 50"	10° 44' 44"	27° 27' 27"	8° 1' 1"	11° 15' 15"	27° 41' 41"	10° 41' 41"	17° 31' 31"	19° 50' 50"	21° 7' 7"	25° 47' 47"	9° 7' 7"	
T 11	13 16 9	20° 55' 43"	1° 9' 9"	24° 55' 55"	11° 58' 58"	28° 8' 8"	8° 8' 8"	11° 21' 21"	27° 44' 44"	10° 42' 42"	17° 30' 30"	19° 39' 39"	21° 4' 4"	25° 53' 53"	9° 7' 7"	
F 12	13 20 5	21° 54' 36"	13° 3' 3"	27° 1' 1"	13° 11' 11"	28° 49' 49"	8° 15' 15"	11° 27' 27"	27° 46' 46"	10° 43' 43"	17° 30' 30"	19° 28' 28"	21° 1' 1"	26° 0' 0"	9° 8' 8"	
S 13	13 24 2	22° 53' 28"	25° 2' 2"	29° 7' 7"	14° 25' 25"	29° 30' 30"	8° 23' 23"	11° 33' 33"	27° 48' 48"	10° 44' 44"	17° 29' 29"	19° 17' 17"	20° 57' 57"	26° 7' 7"	9° 8' 8"	
S 14	13 27 58	23° 52' 17"	7° 5' 5"	1° 12' 12"	15° 39' 39"	0° 11' 11"	8° 30' 30"	11° 39' 39"	27° 51' 51"	10° 45' 45"	17° 28' 28"	19° 8' 8"	20° 54' 54"	26° 13' 13"	9° 8' 8"	
M15	13 31 55	24° 51' 05"	19° 16' 16"	3° 17' 17"	16° 52' 52"	0° 52' 52"	8° 38' 38"	11° 45' 45"	27° 53' 53"	10° 46' 46"	17° 27' 27"	19° 2' 2"	20° 51' 51"	26° 20' 20"	9° 9' 9"	
T 16	13 35 51	25° 49' 50"	1° 35' 35"	5° 20' 20"	18° 6' 6"	1° 33' 33"	8° 45' 45"	11° 51' 51"	27° 55' 55"	10° 46' 46"	17° 26' 26"	18° 58' 58"	20° 48' 48"	26° 27' 27"	9° 9' 9"	
W17	13 39 48	26° 48' 34"	14° 4' 4"	7° 23' 23"	19° 19' 19"	2° 14' 14"	8° 53' 53"	11° 57' 57"	27° 57' 57"	10° 47' 47"	17° 26' 26"	18° 56' 56"	20° 45' 45"	26° 34' 34"	9° 9' 9"	
T 18	13 43 45	27° 47' 15"	26° 47' 47"	9° 23' 23"	20° 33' 33"	2° 55' 55"	9° 1' 1"	12° 4' 4"	28° 0' 0"	10° 48' 48"	17° 25' 25"	18° 56' 56"	20° 41' 41"	26° 40' 40"	9° 9' 9"	
F 19	13 47 41	28° 45' 54"	9° 24' 24"	11° 22' 22"	21° 46' 46"	3° 35' 35"	9° 9' 9"	12° 10' 10"	28° 2' 2"	10° 49' 49"	17° 24' 24"	18° 57' 57"	20° 38' 38"	26° 47' 47"	9° 9' 9"	
S 20	13 51 38	29° 44' 31"	23° 2' 2"	13° 19' 19"	22° 59' 59"	4° 16' 16"	9° 17' 17"	12° 16' 16"	28° 4' 4"	10° 50' 50"	17° 23' 23"	18° 58' 58"	20° 35' 35"	26° 54' 54"	9° 9' 9"	
S 21	13 55 34	0° 34' 30"	6° 40' 40"	15° 12' 12"	24° 13' 13"	4° 57' 57"	9° 26' 26"	12° 23' 23"	28° 6' 6"	10° 51' 51"	17° 22' 22"	18° 58' 58"	20° 32' 32"	27° 1' 1"	9° 8' 8"	
M22	13 59 31	1° 41' 38"	20° 42' 42"	17° 3' 3"	25° 26' 26"	5° 38' 38"	9° 34' 34"	12° 29' 29"	28° 8' 8"	10° 51' 51"	17° 21' 21"	18° 57' 57"	20° 29' 29"	27° 7' 7"	9° 8' 8"	
T 23	14 3 27	2° 40' 08"	5° 19' 19"	18° 51' 51"	26° 39' 39"	6° 18' 18"	9° 43' 43"	12° 36' 36"	28° 10' 10"	10° 52' 52"	17° 20' 20"	18° 53' 53"	20° 26' 26"	27° 14' 14"	9° 8' 8"	
W24	14 7 24	3° 38' 36"	19° 49' 49"	20° 35' 35"	27° 52' 52"	6° 59' 59"	9° 52' 52"	12° 43' 43"	28° 12' 12"	10° 53' 53"	17° 19' 19"	18° 48' 48"	20° 22' 22"	27° 21' 21"	9° 7' 7"	
T 25	14 11 20	4° 37' 02"	4° 47' 47"	22° 15' 15"	29° 5' 5"	7° 39' 39"	10° 0' 0"	12° 49' 49"	28° 13' 13"	10° 53' 53"	17° 18' 18"	18° 42' 42"	20° 19' 19"	27° 27' 27"	9° 6' 6"	
F 26	14 15 17	5° 35' 26"	19° 50' 50"	23° 52' 52"	0° 11' 11"	8° 20' 20"	10° 9' 9"	12° 56' 56"	28° 15' 15"	10° 54' 54"	17° 17' 17"	18° 35' 35"	20° 16' 16"	27° 34' 34"	9° 6' 6"	
S 27	14 19 14	6° 33' 48"	4° 49' 49"	25° 24' 24"	1° 31' 31"	9° 0' 0"	10° 18' 18"	13° 3' 3"	28° 17' 17"	10° 54' 54"	17° 16' 16"	18° 29' 29"	20° 13' 13"	27° 41' 41"	9° 5' 5"	
S 28	14 23 10	7° 32' 08"	19° 36' 36"	26° 53' 53"	2° 44' 44"	9° 41' 41"	10° 27' 27"	13° 10' 10"	28° 19' 19"	10° 55' 55"	17° 15' 15"	18° 25' 25"	20° 10' 10"	27° 48' 48"	9° 4' 4"	
M29	14 27 7	8° 30' 26"	4° 3' 3"	28° 17' 17"	3° 57' 57"	10° 21' 21"	10° 37' 37"	13° 16' 16"	28° 20' 20"	10° 55' 55"	17° 14' 14"	18° 22' 22"	20° 6' 6"	27° 54' 54"	9° 3' 3"	
T 30	14 31 3	9° 28' 43"	18° 28' 28"	29° 37' 37"	5° 11' 11"	11° 2' 2"	10° 46' 46"	13° 23' 23"	28° 22' 22"	10° 56' 56"	17° 12' 12"	18° 21' 21"	20° 3' 3"	28° 1' 1"	9° 2' 2"	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	4n23	17s13	2n 5	0n15	1s42	10n50	0s33	18n39	0n35	23n25	0n10	20n35	1s27	13s 4	0s42	17s31	0n 5	12s52	10n 2	23n 5	23n10	6s48	16s50	6n19
T 2	4 46	21 2	0 55	1 7	1 36	11 18	0 31	18 50	0 36	23 25	0 10	20 36	1 27	13 3	0 42	17 31	0 5	12 51	10 3	23 5	23 10	6 45	16 50	6 19
W 3	5 9	23 33	0s17	2 0	1 29	11 46	0 28	19 1	0 36	23 25	0 11	20 37	1 26	13 3	0 42	17 31	0 5	12 51	10 3	23 5	23 10	6 42	16 49	6 20
T 4	5 32	24 42	1 25	2 54	1 22	12 14	0 26	19 12	0 37	23 25	0 11	20 38	1 26	13 2	0 42	17 30	0 5	12 51	10 3	23 5	23 10	6 39	16 48	6 21
F 5	5 55	24 30	2 27	3 48	1 15	12 41	0 23	19 23	0 37	23 24	0 11	20 38	1 26	13 1	0 43	17 30	0 5	12 51	10 3	23 5	23 10	6 37	16 47	6 21
S 6	6 18	23 5	3 21	4 43	1 7	13 8	0 21	19 33	0 38	23 24	0 11	20 39	1 26	13 0	0 43	17 30	0 5	12 50	10 4	23 5	23 9	6 34	16 47	6 22
S 7	6 41	20 38	4 4	5 38	0 58	13 35	0 18	19 44	0 38	23 24	0 11	20 40	1 26	12 59	0 43	17 29	0 5	12 50	10 4	23 5	23 9	6 31	16 46	6 23
M 8	7 3	17 20	4 36	6 34	0 49	14 1	0 16	19 54	0 39	23 24	0 11	20 41	1 26	12 58	0 43	17 29	0 5	12 50	10 4	23 4	23 9	6 29	16 45	6 23
T 9	7 26	13 21	4 56	7 29	0 39	14 27	0 13	20 4	0 40	23 23	0 11	20 42	1 25	12 57	0 43	17 29	0 5	12 50	10 4	23 4	23 9	6 26	16 45	6 24
W10	7 48	8 53	5 3	8 25	0 30	14 53	0 10	20 4	0 40	23 23	0 11	20 43	1 25	12 57	0 43	17 28	0 5	12 49	10 4	23 3	23 9	6 23	16 44	6 25
T 11	8 10	4 5	4 57	9 21	0 19	15 18	0 8	20 24	0 41	23 23	0 11	20 44	1 25	12 56	0 43	17 28	0 5	12 49	10 5	23 2	23 8	6 20	16 43	6 25
F 12	8 32	0n53	4 38	10 16	0 9	15 43	0 5	20 34	0 41	23 22	0 11	20 45	1 25	12 55	0 43	17 28	0 5	12 49	10 5	23 1	23 8	6 18	16 43	6 26
S 13	8 54	5 51	4 7	11 11	0n 2	16 7	0 3	20 43	0 41	23 22	0 11	20 46	1 25	12 54	0 43	17 28	0 5	12 49	10 5	23 0	23 8	6 15	16 42	6 26
S 14	9 16	10 39	3 25	12 6	0 13	16 31	0n 0	20 52	0 42	23 21	0 11	20 47	1 24	12 53	0 43	17 27	0 5	12 48	10 5	23 0	23 8	6 12	16 41	6 27
M15	9 37	15 6	2 32	12 59	0 24	16 55	0 3	21 1	0 42	23 21	0 11	20 48	1 24	12 53	0 43	17 27	0 5	12 48	10 5	22 59	23 7	6 9	16 41	6 28
T 16	9 59	18 59	1 32	13 51	0 35	17 18	0 5	21 10	0 43	23 21	0 12	20 49	1 24	12 52	0 43	17 27	0 5	12 48	10 5	22 59	23 7	6 7	16 40	6 28
W17	10 20	22 3	0 26	14 42	0 46	17 41	0 8	21 19	0 43	23 20	0 12	20 50	1 24	12 51	0 43	17 27	0 5	12 48	10 6	22 59	23 7	6 4	16 39	6 29
T 18	10 41	24 6	0n42	15 31	0 57	18 4	0 11	21 27	0 44	23 20	0 12	20 51	1 24	12 51	0 43	17 26	0 5	12 47	10 6	22 59	23 7	6 1	16 39	6 30
F 19	11 2	24 54	1 50	16 19	1 8	18 25	0 14	21 36	0 44	23 19	0 12	20 52	1 24	12 50	0 43	17 26	0 5	12 47	10 6	22 59	23 7	5 58	16 38	6 30
S 20	11 23	24 19	2 53	17 4	1 18	18 47	0 16	21 44	0 45	23 19	0 12	20 53	1 23	12 49	0 43	17 26	0 5	12 47	10 6	22 59	23 6	5 56	16 37	6 31
S 21	11 43	22 17	3 48	17 48	1 28	19 8	0 19	21 52	0 45	23 18	0 12	20 54	1 23	12 48	0 43	17 26	0 5	12 47	10 6	22 59	23 6	5 53	16 37	6 32
M22																								

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	14 35 0	10♌26'58	1♌39	0♏52	6♏23	11♏42	10♌56	13♏30	28♌24	10♌56	17°R11	18♏22	20♏0	28♌8	9°R 1		
T 2	14 38 56	11°25'12	14°47	2° 3	7°36	12°23	11° 5	13°37	28°25	10°57	17♌10	18°23	19°57	28°14	9♌0		
F 3	14 42 53	12°23'24	27°32	3° 9	8°49	13° 3	11°15	13°44	28°27	10°57	17° 9	18°25	19°54	28°21	8°58		
S 4	14 46 49	13°21'35	9♌57	4°10	10° 2	13°43	11°25	13°51	28°28	10°57	17° 8	18°R26	19°51	28°28	8°57		
S 5	14 50 46	14°19'44	22° 7	5° 7	11°14	14°23	11°35	13°58	28°30	10°58	17° 6	18°25	19°47	28°35	8°55		
M 6	14 54 43	15°17'52	4♌6	5°58	12°27	15° 4	11°45	14° 6	28°31	10°58	17° 5	18°24	19°44	28°41	8°54		
T 7	14 58 39	16°15'58	15°59	6°45	13°40	15°44	11°55	14°13	28°32	10°58	17° 4	18°21	19°41	28°48	8°52		
W 8	15 2 36	17°14'03	27°50	7°27	14°52	16°24	12° 5	14°20	28°34	10°58	17° 2	18°16	19°38	28°55	8°51		
T 9	15 6 32	18°12'07	9♏44	8° 4	16° 5	17° 4	12°15	14°27	28°35	10°59	17° 1	18°11	19°35	29° 2	8°49		
F 10	15 10 29	19°10'09	21°41	8°35	17°17	17°44	12°26	14°35	28°36	10°59	17° 0	18° 6	19°32	29° 8	8°47		
S 11	15 14 25	20° 8'09	3♌46	9° 2	18°30	18°24	12°36	14°42	28°37	10°59	16°58	18° 1	19°28	29°15	8°45		
S 12	15 18 22	21° 6'08	16° 0	9°24	19°42	19° 4	12°47	14°49	28°38	10°59	16°57	17°57	19°25	29°22	8°43		
M13	15 22 18	22° 4'06	28°24	9°40	20°54	19°44	12°57	14°57	28°39	10°59	16°55	17°55	19°22	29°28	8°41		
T 14	15 26 15	23° 2'02	10♏59	9°51	22° 7	20°24	13° 8	15° 4	28°40	10°R59	16°54	17°54	19°19	29°35	8°39		
W15	15 30 12	23°59'56	23°46	9°58	23°19	21° 4	13°19	15°12	28°41	10°59	16°53	17°D53	19°16	29°42	8°37		
T 16	15 34 8	24°57'49	6♌46	9°R59	24°31	21°44	13°30	15°19	28°42	10°59	16°51	17°54	19°12	29°49	8°34		
F 17	15 38 5	25°55'41	20° 0	9°56	25°43	22°24	13°41	15°26	28°43	10°59	16°50	17°56	19° 9	29°55	8°32		
S 18	15 42 1	26°53'30	3♌28	9°48	26°56	23° 4	13°52	15°34	28°44	10°59	16°48	17°57	19° 6	0°Y 2	8°30		
S 19	15 45 58	27°51'18	17°11	9°35	28° 8	23°44	14° 3	15°42	28°45	10°58	16°47	17°58	19° 3	0° 9	8°27		
M20	15 49 54	28°49'04	1♏10	9°19	29°20	24°23	14°14	15°49	28°45	10°58	16°45	17°R58	19° 0	0°15	8°25		
T 21	15 53 51	29°46'49	15°23	8°58	0♌32	25° 3	14°26	15°57	28°46	10°58	16°44	17°58	18°57	0°22	8°22		
W22	15 57 47	0♏44'31	29°49	8°34	1°44	25°43	14°37	16° 4	28°47	10°58	16°42	17°56	18°53	0°29	8°19		
T 23	16 1 44	1°42'12	14♌23	8° 7	2°55	26°23	14°48	16°12	28°47	10°57	16°41	17°55	18°50	0°36	8°17		
F 24	16 5 41	2°39'52	29° 0	7°38	4° 7	27° 2	15° 0	16°20	28°48	10°57	16°39	17°53	18°47	0°42	8°14		
S 25	16 9 37	3°37'30	13♏35	7° 7	5°19	27°42	15°12	16°27	28°48	10°57	16°38	17°51	18°44	0°49	8°11		
S 26	16 13 34	4°35'07	28° 1	6°34	6°31	28°22	15°23	16°35	28°49	10°56	16°36	17°50	18°41	0°56	8° 8		
M27	16 17 30	5°32'43	12♌12	6° 0	7°42	29° 1	15°35	16°43	28°49	10°56	16°34	17°D49	18°38	1° 3	8° 5		
T 28	16 21 27	6°30'17	26° 5	5°26	8°54	29°41	15°47	16°50	28°49	10°55	16°33	17°49	18°34	1° 9	8° 2		
W29	16 25 23	7°27'51	9♌35	4°52	10° 5	0♌20	15°59	16°58	28°50	10°55	16°31	17°50	18°31	1°16	7°59		
T 30	16 29 20	8°25'23	22°44	4°19	11°17	1° 0	16°10	17° 6	28°50	10°55	16°30	17°51	18°28	1°23	7°56		
F 31	16 33 16	9♏22'55	5♌31	3♏48	12♌28	1♌39	16♌22	17♏14	28♌50	10♌54	16♌28	17♏51	18♏25	1°Y29	7♌53		

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
W 1	14n57	24s37	1s12	22n52	2n35	22n 8	0n46	23n 0	0n49	23n12	0n13	21n 4	1s22	12s43	0s43	17s24	0n 5	12s44	10n 8	22n56	23n 4	5s25	16s31	6n38
T 2	15 15 24	55 2 19	23 8	2 37	22 23	0 49	23 6	0 50	23 11	0 13	21 5	1 21	12 42	0 43	17 24	0 5	12 44	10 8	22 56	23 4	5 22	16 30	6 38	
F 3	15 33 23	52 3 17	23 23	2 38	22 37	0 51	23 12	0 50	23 11	0 13	21 6	1 21	12 42	0 43	17 24	0 5	12 44	10 8	22 56	23 3	5 19	16 30	6 39	
S 4	15 51 21	40 4 4	23 35	2 39	22 50	0 54	23 17	0 51	23 10	0 13	21 7	1 21	12 41	0 43	17 24	0 5	12 44	10 8	22 56	23 3	5 17	16 29	6 40	
S 5	16 8 18	33 4 40	23 44	2 38	23 3	0 56	23 22	0 51	23 9	0 13	21 8	1 21	12 41	0 44	17 24	0 5	12 43	10 8	22 56	23 3	5 14	16 29	6 40	
M 6	16 25 14	42 5 2	23 52	2 36	23 16	0 59	23 27	0 51	23 8	0 13	21 9	1 21	12 40	0 44	17 24	0 5	12 43	10 8	22 56	23 3	5 11	16 28	6 41	
T 7	16 42 10	18 5 11	23 57	2 33	23 27	1 1	23 32	0 52	23 7	0 13	21 10	1 21	12 40	0 44	17 24	0 5	12 43	10 8	22 56	23 2	5 8	16 28	6 41	
W 8	16 59 5 33	5 7 24	0 2 29	23 38	1 4	23 36	0 52	23 7	0 13	21 11	1 21	12 39	0 44	17 24	0 5	12 43	10 8	22 55	23 2	5 5	16 28	6 42		
T 9	17 15 0 36	4 50 24	1 2 24	23 49	1 6	23 41	0 52	23 6	0 13	21 12	1 20	12 39	0 44	17 24	0 5	12 43	10 8	22 55	23 2	5 3	16 27	6 43		
F 10	17 31 4n26	4 20 24	0 2 18	23 58	1 9	23 45	0 53	23 5	0 13	21 13	1 20	12 39	0 44	17 24	0 5	12 42	10 8	22 54	23 2	5 0	16 27	6 43		
S 11	17 47 9 21	3 38 23	57 2 10	24 7	1 11	23 49	0 53	23 4	0 13	21 14	1 20	12 38	0 44	17 24	0 5	12 42	10 9	22 54	23 1	4 57	16 26	6 44		
S 12	18 2 13	59 2 46	23 52	2 2	24 16	1 13	23 53	0 53	23 3	0 13	21 15	1 20	12 38	0 44	17 24	0 5	12 42	10 9	22 54	23 1	4 54	16 26	6 44	
M13	18 17 18	6 1 45	23 45	1 52	24 23	1 16	23 56	0 54	23 2	0 14	21 16	1 20	12 38	0 44	17 24	0 5	12 42	10 9	22 53	23 1	4 51	16 25	6 45	
T 14	18 32 21	28 0 38	23 36	1 42	24 30	1 18	23 59	0 54	23 1	0 14	21 17	1 20	12 37	0 44	17 24	0 5	12 42	10 9	22 53	23 1	4 49	16 25	6 45	
W15	18 46 23	50 0n32	23 26	1 30	24 36	1 20	24 3	0 54	23 0	0 14	21 18	1 20	12 37	0 44	17 24	0 5	12 42	10 9	22 53	23 0	4 46	16 25	6 46	
T 16	19 0 24	58 1 42	23 14	1 18	24 42	1 22	24 6	0 55	22 59	0 14	21 19	1 20	12 37	0 44	17 24	0 5	12 41	10 9	22 53	23 0	4 43	16 24	6 46	
F 17	19 14 24	43 2 48	23 0	1 4	24 47	1 25	24 8	0 55	22 58	0 14	21 20	1 20	12 36	0 44	17 24	0 5	12 41	10 9	22 53	23 0	4 40	16 24	6 47	
S 18	19 28 23	2 3 45	22 44	0 50	24 51	1 27	24 11	0 55	22 57	0 14	21 21	1 19	12 36	0 44	17 24	0 5	12 41	10 9	22 54	23 0	4 37	16 23	6 47	
S 19	19 41 19	59 4 31	22 27	0 35	24 54	1 29	24 13	0 56	22 56	0 14	21 21	1 19	12 36	0 44	17 24	0 5	12 41	10 9	22 54	22 59	4 34	16 23	6 48	
M20	19 54 15	45 5 2	22 9	0 19	24 57	1 31	24 15	0 56	22 55	0 14	21 22	1 19	12 36	0 44	17 24	0 5	12 41	10 9	22 54	22 59	4 32	16 23	6 48	
T 21	20 6 10	36 5 15	21 50	0 2	24 59	1 33	24 17	0 56	22 54	0 14	21 23	1 19	12 36	0 44	17 24	0 5	12 41	10 9	22 54	22 59	4 29	16 22	6 49	
W22	20 18 4 47	5 8 21	29 0s15	25 0	1 35	24 19	0 57	22 52	0 14	21 24	1 19	12 35	0 44	17 24	0 5	12 40	10 9	22 54	22 58	4 26	16 22	6 49		
T 23	20 30 1s20	4 42 21	8 0 32	25 1	1 36	24 20	0 57	22 51	0 14	21 25	1 19	12 35	0 44	17 24	0 5	12 40	10 9	22 53	22 58	4 23	16 22	6 50		
F 24	20 42 7 25	3 58 20	46 0 50	25 1	1 38	24 22	0 57	22 50	0 14	21 26	1 19	12 35	0 44	17 24	0 5	12 40	10 9	22 53	22 58	4 20	16 22	6 50		
S 25	20 53 13 5	2 58 20	23 1 7	25 0	1 40	24 23	0 57	22 49	0 14	21 27	1 19	12 35	0 44	17 24	0 5	12 40	10 9	22 53	22 58	4 17	16 21	6 51		
S 26	21 3 17	58 1 47	20 1 1	25 24	58 1 42	24 24	0 58	22 47	0 14	21 28	1 19	12 35	0 44	17 24	0 5	12 40	10 9	22 53	22 57	4 15	16 21	6 51		
M27	21 14 21	45 0 31	19 38 1 43	24 56 1 43	24 24 0 58	22 46 0 15	21 28 1 18	12 35 0 44	17 25 0 5	12 40 10 9	22 53	22 57 4 12	16 21 6 52											
T 28	21 24 24	8 0s46	19 16 1 59	24 53 1 45	24 25 0 58	22 45 0 15	21 29 1 18	12 35 0 44	17 25 0 5	12 40 10 9	22 53	22 57 4 9	16 20 6 52											
W29	21 33 25	3 1 58	18 54 2 15	24 49 1 46	24 25 0 59	22 44 0 15	21 30 1 18	12 35 0 44	17 25 0 5</															

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	16 37 13	10II20'26	17♌59	3°R19	13♌39	2♌19	16♌34	17II21	28♌50	10°R53	16°R27	17II52	18II22	1°Y36	7°R49	
S 2	16 41 10	11°17'55	0♌11	2II52	14°51	2°58	16°47	17°29	28°50	10♌53	16♌25	17°53	18°18	1°43	7♌46	
M 3	16 45 6	12°15'24	12°13	2°28	16° 2	3°37	16°59	17°37	28°R50	10°52	16°23	17°R53	18°15	1°50	7°43	
T 4	16 49 3	13°12'53	24° 8	2° 7	17°13	4°17	17°11	17°45	28°50	10°52	16°22	17°53	18°12	1°56	7°39	
W 5	16 52 59	14°10'20	6°Y 1	1°50	18°24	4°56	17°23	17°52	28°50	10°51	16°20	17°52	18° 9	2° 3	7°36	
T 6	16 56 56	15° 7'47	17°56	1°36	19°35	5°36	17°35	18° 0	28°50	10°50	16°18	17°52	18° 6	2°10	7°32	
F 7	17 0 52	16° 5'14	29°57	1°27	20°46	6°15	17°48	18° 8	28°50	10°49	16°17	17°52	18° 3	2°16	7°29	
S 8	17 4 49	17° 2'39	12♌ 8	1°22	21°57	6°54	18° 0	18°16	28°50	10°49	16°15	17°52	17°59	2°23	7°25	
S 9	17 8 45	18° 0'04	24°31	1°D22	23° 8	7°33	18°13	18°24	28°49	10°48	16°14	17°D52	17°56	2°30	7°22	
M10	17 12 42	18°57'28	7II 9	1°25	24°18	8°13	18°25	18°31	28°49	10°47	16°12	17°52	17°53	2°37	7°18	
T 11	17 16 39	19°54'52	20° 2	1°34	25°29	8°52	18°38	18°39	28°49	10°46	16°10	17°R52	17°50	2°43	7°15	
W12	17 20 35	20°52'15	3♌10	1°47	26°40	9°31	18°50	18°47	28°48	10°45	16° 9	17°52	17°47	2°50	7°11	
T 13	17 24 32	21°49'37	16°34	2° 4	27°50	10°10	19° 3	18°55	28°48	10°44	16° 7	17°51	17°44	2°57	7° 7	
F 14	17 28 28	22°46'58	0♌12	2°26	29° 1	10°49	19°16	19° 3	28°47	10°43	16° 6	17°51	17°40	3° 3	7° 3	
S 15	17 32 25	23°44'18	14° 1	2°53	0♌11	11°28	19°28	19°10	28°47	10°42	16° 4	17°50	17°37	3°10	7° 0	
S 16	17 36 21	24°41'38	28° 1	3°23	1°21	12° 7	19°41	19°18	28°46	10°41	16° 2	17°50	17°34	3°17	6°56	
M17	17 40 18	25°38'56	12♌ 8	3°58	2°31	12°47	19°54	19°26	28°45	10°40	16° 1	17°49	17°31	3°24	6°52	
T 18	17 44 15	26°36'14	26°20	4°38	3°42	13°26	20° 7	19°34	28°45	10°39	15°59	17°D49	17°28	3°30	6°48	
W19	17 48 11	27°33'30	10♌35	5°21	4°52	14° 5	20°20	19°41	28°44	10°38	15°58	17°49	17°24	3°37	6°44	
T 20	17 52 8	28°30'46	24°50	6° 9	6° 2	14°44	20°33	19°49	28°43	10°37	15°56	17°50	17°21	3°44	6°41	
F 21	17 56 4	29°28'01	9♌ 3	7° 0	7°11	15°23	20°45	19°57	28°42	10°36	15°55	17°51	17°18	3°51	6°37	
S 22	18 0 1	0♌25'16	23°10	7°56	8°21	16° 2	20°58	20° 5	28°42	10°35	15°53	17°52	17°15	3°57	6°33	
S 23	18 3 57	1°22'30	7♌ 9	8°56	9°31	16°40	21°11	20°12	28°41	10°34	15°52	17°52	17°12	4° 4	6°29	
M24	18 7 54	2°19'43	20°56	9°59	10°41	17°19	21°24	20°20	28°40	10°33	15°50	17°R52	17° 9	4°11	6°25	
T 25	18 11 50	3°16'56	4♌29	11° 6	11°50	17°58	21°38	20°28	28°39	10°32	15°48	17°52	17° 5	4°17	6°21	
W26	18 15 47	4°14'09	17°45	12°17	12°59	18°37	21°51	20°35	28°38	10°30	15°47	17°51	17° 2	4°24	6°17	
T 27	18 19 44	5°11'22	0♌45	13°32	14° 9	19°16	22° 4	20°43	28°36	10°29	15°45	17°48	16°59	4°31	6°13	
F 28	18 23 40	6° 8'34	13°28	14°50	15°18	19°55	22°17	20°51	28°35	10°28	15°44	17°46	16°56	4°38	6°10	
S 29	18 27 37	7° 5'46	25°54	16°12	16°27	20°34	22°30	20°58	28°34	10°27	15°43	17°43	16°53	4°44	6° 6	
S 30	18 31 33	8° 2'58	8♌ 7	17II37	17♌36	21♌12	22♌43	21II 6	28♌33	10♌25	15♌41	17II41	16II50	4°Y51	6♌ 2	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	22n 0	19s48	4s35	17n54	2s59	24n34	1n50	24n25	0n59	22n39	0n15	21n33	1s18	12s35	0s45	17s25	0n 5	12s39	10n 9	22n53	22n56	3s58	16s20	6n54
S 2	22 8	16 6	5 2	17 36	3 11	24 27	1 51	24 24	1 0	22 38	0 15	21 33	1 18	12 35	0 45	17 25	0 5	12 39	10 9	22 53	22 55	3 55	16 19	6 54
M 3	22 16	11 50	5 15	17 21	3 22	24 20	1 52	24 23	1 0	22 37	0 15	21 34	1 18	12 35	0 45	17 26	0 5	12 39	10 9	22 53	22 55	3 52	16 19	6 54
T 4	22 23	7 9	5 15	17 7	3 33	24 12	1 53	24 22	1 0	22 35	0 15	21 35	1 18	12 35	0 45	17 26	0 5	12 39	10 8	22 53	22 55	3 49	16 19	6 55
W 5	22 30	2 13	5 1	16 55	3 42	24 4	1 54	24 21	1 0	22 34	0 15	21 36	1 18	12 35	0 45	17 26	0 5	12 39	10 8	22 53	22 55	3 46	16 19	6 55
T 6	22 37	2n48	4 34	16 44	3 49	23 55	1 55	24 20	1 1	22 32	0 15	21 37	1 18	12 35	0 45	17 26	0 5	12 39	10 8	22 53	22 54	3 43	16 19	6 55
F 7	22 43	7 47	3 55	16 36	3 56	23 45	1 56	24 18	1 1	22 31	0 15	21 37	1 17	12 35	0 45	17 26	0 5	12 39	10 8	22 53	22 54	3 40	16 19	6 56
S 8	22 49	12 32	3 5	16 30	4 1	23 34	1 57	24 17	1 1	22 29	0 15	21 38	1 17	12 35	0 45	17 27	0 5	12 39	10 8	22 53	22 54	3 37	16 18	6 56
S 9	22 54	16 52	2 6	16 26	4 5	23 23	1 57	24 15	1 1	22 27	0 15	21 39	1 17	12 35	0 45	17 27	0 5	12 39	10 8	22 53	22 54	3 35	16 18	6 56
M10	22 59	20 32	0 59	16 24	4 8	23 11	1 58	24 13	1 2	22 26	0 16	21 40	1 17	12 35	0 45	17 27	0 5	12 39	10 8	22 53	22 53	3 32	16 18	6 57
T 11	23 3	23 16	0n12	16 24	4 9	22 59	1 58	24 10	1 2	22 24	0 16	21 40	1 17	12 35	0 45	17 27	0 5	12 39	10 8	22 53	22 53	3 29	16 18	6 57
W12	23 8	24 48	1 24	16 26	4 10	22 46	1 59	24 8	1 2	22 22	0 16	21 41	1 17	12 36	0 45	17 28	0 5	12 39	10 8	22 53	22 53	3 26	16 18	6 57
T 13	23 11	24 56	2 32	16 30	4 9	22 32	1 59	24 5	1 2	22 21	0 16	21 42	1 17	12 36	0 45	17 28	0 5	12 39	10 8	22 53	22 52	3 23	16 18	6 57
F 14	23 15	23 35	3 34	16 36	4 7	22 18	1 59	24 2	1 2	22 19	0 16	21 43	1 17	12 36	0 45	17 28	0 5	12 38	10 7	22 53	22 52	3 20	16 18	6 58
S 15	23 17	20 49	4 23	16 44	4 5	22 3	1 59	23 59	1 3	22 17	0 16	21 43	1 17	12 36	0 45	17 28	0 5	12 38	10 7	22 53	22 52	3 17	16 18	6 58
S 16	23 20	16 49	4 58	16 53	4 1	21 48	1 59	23 56	1 3	22 16	0 16	21 44	1 17	12 37	0 45	17 29	0 5	12 38	10 7	22 53	22 51	3 14	16 18	6 58
M17	23 22	11 51	5 15	17 4	3 57	21 32	1 59	23 52	1 3	22 14	0 16	21 45	1 17	12 37	0 45	17 29	0 5	12 38	10 7	22 53	22 51	3 12	16 18	6 58
T 18	23 24	6 15	5 13	17 16	3 51	21 15	1 59	23 49	1 3	22 12	0 16	21 45	1 17	12 37	0 45	17 29	0 5	12 38	10 7	22 53	22 51	3 9	16 18	6 59
W19	23 25	0 17	4 52	17 30	3 45	20 58	1 59	23 45	1 3	22 10	0 16	21 46	1 17	12 37	0 45	17 30	0 5	12 38	10 7	22 53	22 51	3 6	16 18	6 59
T 20	23 26	5s42	4 13	17 45	3 39	20 41	1 58	23 41	1 4	22 8	0 16	21 47	1 17	12 38	0 45	17 30	0 5	12 38	10 6	22 53	22 50	3 3	16 18	6 59
F 21	23 26	11 22	3 19	18 1	3 31	20 23	1 58	23 37	1 4	22 6	0 16	21 47	1 17	12 38	0 45	17 30	0 5	12 39	10 6	22 53	22 50	3 0	16 18	6 59
S 22	23 26	16 26	2 12	18 18	3 23	20 4	1 57	23 32	1 4	22 4	0 16	21 48	1 17	12 38	0 45	17 30	0 5	12 39	10 6	22 53	22 50	2 57	16 18	6 59
S 23	23 26	20 32	0 59	18 35	3 14	19 45	1 57	23 28	1 4	22 3	0 17	21 48	1 16	12 39	0 45	17 31	0 5	12 39	10 6	22 53	22 49	2 54	16 18	6 59
M24	23 25	23 25	0s17	18 54	3 5	19 25	1 56	23 23	1 4	22 1	0 17	21 49	1 16	12 39	0 45	17 31	0 5	12 39	10 6	22 53	22 49	2 51	16 18	7 0
T 25	23 24	24 52	1 30	19 13	2 55	19 5	1 55	23 18	1 4	21 59	0 17	21 50	1 16	12 39	0 45	17 31	0 5	12 39	10 6	22 53	22 49	2 48	16 18	7 0
W26	23 22	24 52	2 38	19 33	2 45	18 44	1 54	23 13	1 5	21 57	0 17	21 50	1 16	12 40	0 46	17 32	0 5	12 39	10 5	22 53	22 48	2 46	16 18	7 0
T 27	23 20	23 29	3 35	19 53	2 34	18 23	1 53	23 7	1 5	21 55	0 17	21 51	1 16	12 40	0 46	17 32	0 5	12 39	10 5	22 53	22 48	2 43	16 18	7 0
F 28	23 18	20 56	4 20	20 13	2 23	18 2	1 52	23 2	1 5	21 53	0 17	21 51	1 16	12 41	0 46	17 32	0 5	12 39	10 5	22 53	22 48	2 40	16 18	7 0
S 29	23 15	17 28	4 52	20 33	2 11	17 40	1 51	22 56	1 5	21 50	0 17	21 52</												

SWISS EPHEMERIS for the year 2002

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	18 35 30	9°08'11"	20°48'09"	19°11'06"	18°04'45"	21°55'51"	22°55'56"	21°11'13"	28°R32	10°R24	15°R40	17°R38	16°II46	4°V58	5°R58
T 2	18 39 26	9°57'23"	2°V4	20°39'	19°54'	22°30'	23°10'	21°21'	28°30'	10°23'	15°37'	17°II37	16°43'	5°4'	5°R54
W 3	18 43 23	10°54'35"	13°57'	22°15'	21°3'	23°9'	23°23'	21°29'	28°29'	10°21'	15°37'	17°D37	16°40'	5°11'	5°50'
T 4	18 47 19	11°51'48"	25°52'	23°54'	22°11'	23°47'	23°36'	21°36'	28°28'	10°20'	15°35'	17°38'	16°37'	5°18'	5°46'
F 5	18 51 16	12°49'01"	7°B54	25°37'	23°20'	24°26'	23°49'	21°44'	28°26'	10°19'	15°34'	17°39'	16°34'	5°25'	5°42'
S 6	18 55 13	13°46'14"	20°8'	27°22'	24°28'	25°5'	24°3'	21°51'	28°25'	10°17'	15°33'	17°41'	16°30'	5°31'	5°39'
S 7	18 59 9	14°43'28"	2°II37	29°11'	25°36'	25°43'	24°16'	21°58'	28°23'	10°16'	15°31'	17°42'	16°27'	5°38'	5°35'
M 8	19 3 6	15°40'41"	15°25'	1°B3	26°44'	26°22'	24°29'	22°6'	28°22'	10°14'	15°30'	17°R43	16°24'	5°45'	5°31'
T 9	19 7 2	16°37'55"	28°33'	2°57'	27°52'	27°1'	24°43'	22°13'	28°20'	10°13'	15°29'	17°43'	16°21'	5°51'	5°27'
W10	19 10 59	17°35'10"	12°B2	4°54'	29°0'	27°39'	24°56'	22°21'	28°19'	10°11'	15°27'	17°41'	16°18'	5°58'	5°23'
T 11	19 14 55	18°32'24"	25°51'	6°54'	0°II8	28°18'	25°9'	22°28'	28°17'	10°10'	15°26'	17°38'	16°15'	6°5'	5°20'
F 12	19 18 52	19°29'39"	9°L55	8°56'	1°16'	28°57'	25°23'	22°35'	28°15'	10°8'	15°25'	17°33'	16°11'	6°12'	5°16'
S 13	19 22 48	20°26'53"	24°12'	10°59'	2°23'	29°35'	25°36'	22°42'	28°14'	10°7'	15°23'	17°29'	16°8'	6°18'	5°12'
S 14	19 26 45	21°24'08"	8°II36	13°4'	3°31'	0°L14	25°50'	22°50'	28°12'	10°5'	15°22'	17°24'	16°5'	6°25'	5°9'
M15	19 30 42	22°21'23"	23°1'	15°11'	4°38'	0°52'	26°3'	22°57'	28°10'	10°4'	15°21'	17°20'	16°2'	6°32'	5°5'
T 16	19 34 38	23°18'37"	7°B23	17°18'	5°45'	1°31'	26°16'	23°4'	28°8'	10°2'	15°20'	17°18'	15°59'	6°38'	5°1'
W17	19 38 35	24°15'52"	21°38'	19°26'	6°52'	2°9'	26°30'	23°11'	28°6'	10°1'	15°19'	17°D17	15°56'	6°45'	4°58'
T 18	19 42 31	25°13'07"	5°II44	21°35'	7°59'	2°48'	26°43'	23°18'	28°5'	9°59'	15°18'	17°17'	15°52'	6°52'	4°54'
F 19	19 46 28	26°10'22"	19°39'	23°43'	9°5'	3°26'	26°57'	23°25'	28°3'	9°58'	15°16'	17°18'	15°49'	6°59'	4°51'
S 20	19 50 24	27°7'37"	3°V24	25°52'	10°12'	4°5'	27°10'	23°32'	28°1'	9°56'	15°15'	17°19'	15°46'	7°5'	4°47'
S 21	19 54 21	28°4'53"	16°57'	28°0'	11°18'	4°43'	27°23'	23°39'	27°59'	9°54'	15°14'	17°R20	15°43'	7°12'	4°44'
M22	19 58 17	29°2'08"	0°B19	0°L7	12°24'	5°22'	27°37'	23°46'	27°57'	9°53'	15°13'	17°19'	15°40'	7°19'	4°40'
T 23	20 2 14	29°59'25"	13°29'	2°13'	13°30'	6°0'	27°50'	23°53'	27°55'	9°51'	15°12'	17°17'	15°36'	7°25'	4°37'
W24	20 6 11	0°L56'41"	26°26'	4°19'	14°36'	6°39'	28°4'	23°59'	27°53'	9°50'	15°11'	17°12'	15°33'	7°32'	4°34'
T 25	20 10 7	1°53'58"	9°II11	6°23'	15°42'	7°17'	28°17'	24°6'	27°51'	9°48'	15°10'	17°6'	15°30'	7°39'	4°31'
F 26	20 14 4	2°51'16"	21°43'	8°26'	16°47'	7°56'	28°30'	24°13'	27°49'	9°46'	15°9'	16°58'	15°27'	7°46'	4°27'
S 27	20 18 0	3°48'35"	4°II3	10°27'	17°52'	8°34'	28°44'	24°19'	27°47'	9°45'	15°8'	16°49'	15°24'	7°52'	4°24'
S 28	20 21 57	4°45'54"	16°12'	12°28'	18°57'	9°12'	28°57'	24°26'	27°44'	9°43'	15°7'	16°41'	15°21'	7°59'	4°21'
M29	20 25 53	5°43'14"	28°11'	14°26'	20°2'	9°51'	29°10'	24°33'	27°42'	9°42'	15°7'	16°34'	15°17'	8°6'	4°18'
T 30	20 29 50	6°40'35"	10°V5	16°23'	21°7'	10°29'	29°24'	24°39'	27°40'	9°40'	15°6'	16°29'	15°14'	8°12'	4°15'
W31	20 33 46	7°L37'58"	21°V56	18°L19	22°II11	11°L7	29°37'	24°II46	27°38'	9°38'	15°5'	16°II25	15°II11	8°V19	4°B12

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	23n 8	8s43	5s14	21n12	1s48	16n55	1n48	22n45	1n 5	21n46	0n17	21n53	1s16	12s42	0s46	17s34	0n 5	12s39	10n 4	22n52	22n47	2s31	16s19	7n 0
T 2	23 4	3 50	5 5	21 31	1 35	16 32	1 47	22 38	1 6	21 44	0 17	21 53	1 16	12 42	0 46	17 34	0 5	12 39	10 4	22 52	22 47	2 28	16 19	7 0
W 3	22 59	1n10	4 42	21 50	1 23	16 8	1 45	22 32	1 6	21 42	0 17	21 54	1 16	12 43	0 46	17 34	0 5	12 39	10 4	22 52	22 46	2 25	16 19	7 0
T 4	22 55	6 9	4 7	22 7	1 11	15 45	1 43	22 26	1 6	21 40	0 17	21 54	1 16	12 43	0 46	17 35	0 5	12 39	10 4	22 52	22 46	2 22	16 19	7 0
F 5	22 49	10 58	3 21	22 24	0 58	15 20	1 41	22 19	1 6	21 38	0 17	21 55	1 16	12 44	0 46	17 35	0 5	12 39	10 3	22 52	22 46	2 19	16 19	7 0
S 6	22 44	15 26	2 26	22 39	0 46	14 56	1 39	22 12	1 6	21 35	0 18	21 55	1 16	12 45	0 46	17 35	0 5	12 40	10 3	22 52	22 45	2 16	16 19	7 0
S 7	22 38	19 21	1 22	22 53	0 33	14 31	1 37	22 5	1 6	21 33	0 18	21 56	1 16	12 45	0 46	17 36	0 5	12 40	10 3	22 52	22 45	2 14	16 20	7 0
M 8	22 31	22 26	0 13	23 5	0 21	14 6	1 35	21 58	1 6	21 31	0 18	21 56	1 16	12 46	0 46	17 36	0 5	12 40	10 2	22 52	22 45	2 11	16 20	7 0
T 9	22 24	24 25	0n59	23 15	0 9	13 40	1 33	21 51	1 6	21 29	0 18	21 57	1 16	12 46	0 46	17 37	0 5	12 40	10 2	22 52	22 44	2 8	16 20	7 0
W10	22 17	25 2	2 9	23 23	0n 2	13 14	1 31	21 43	1 7	21 26	0 18	21 57	1 16	12 47	0 46	17 37	0 5	12 40	10 2	22 52	22 44	2 5	16 20	7 0
T 11	22 9	24 8	3 13	23 29	0 14	12 48	1 28	21 35	1 7	21 24	0 18	21 58	1 16	12 47	0 46	17 37	0 5	12 40	10 2	22 52	22 44	2 2	16 20	7 0
F 12	22 1 21	43 4	7 23	33 0	24 12	21 21	1 25	21 28	1 7	21 22	0 18	21 58	1 16	12 48	0 46	17 38	0 5	12 40	10 1	22 51	22 43	1 59	16 21	7 0
S 13	21 53	17 57	4 46	23 34	0 35	11 55	1 23	21 20	1 7	21 19	0 18	21 59	1 16	12 49	0 46	17 38	0 5	12 41	10 1	22 51	22 43	1 56	16 21	7 0
S 14	21 44	13 6	5 7	23 32	0 45	11 28	1 20	21 12	1 7	21 17	0 18	21 59	1 16	12 49	0 46	17 39	0 4	12 41	10 1	22 51	22 43	1 53	16 21	7 0
M15	21 35	7 31	5 10	23 28	0 54	11 1	1 17	21 3	1 7	21 14	0 18	21 59	1 16	12 50	0 46	17 39	0 4	12 41	10 1	22 50	22 42	1 50	16 21	6 59
T 16	21 26	1 33	4 52	23 21	1 2	10 33	1 14	20 55	1 7	21 12	0 18	22 0	1 16	12 51	0 46	17 40	0 4	12 41	10 0	22 50	22 42	1 47	16 22	6 59
W17	21 16	4s27	4 17	23 11	1 10	10 5	1 11	20 46	1 7	21 9	0 19	22 0	1 16	12 51	0 46	17 40	0 4	12 41	10 0	22 50	22 42	1 44	16 22	6 59
T 18	21 6	10 11	3 27	22 59	1 17	9 38	1 8	20 38	1 7	21 7	0 19	22 0	1 16	12 52	0 46	17 40	0 4	12 41	10 0	22 50	22 41	1 41	16 22	6 59
F 19	20 55	15 20	2 25	22 44	1 24	9 9	1 4	20 29	1 8	21 4	0 19	22 1	1 16	12 53	0 46	17 41	0 4	12 42	9 59	22 50	22 41	1 38	16 22	6 59
S 20	20 44	19 36	1 15	22 26	1 29	8 41	1 1	20 20	1 8	21 2	0 19	22 1	1 16	12 53	0 46	17 41	0 4	12 42	9 59	22 50	22 41	1 36	16 23	6 59
S 21	20 33	22 46	0 2	22 6	1 34	8 13	0 58	20 11	1 8	20 59	0 19	22 2	1 16	12 54	0 46	17 42	0 4	12 42	9 59	22 50	22 40	1 33	16 23	6 59
M22	20 21	24 36	1s10	21 44	1 38	7 44	0 54	20 1	1 8	20 57	0 19	22 2	1 16	12 55	0 46	17 42	0 4	12 42	9 58	22 50	22 40	1 30	16 23	6 58
T 23	20 9	25 1	2 17	21 19	1 42	7 15	0 50	19 52	1 8	20 54	0 19	22 2	1 16	12 55	0 46	17 43	0 4	12 43	9 58	22 50	22 40	1 27	16 24	6 58
W24	19 57	24 4	3 15	20 52	1 44	6 47	0 46	19 42	1 8	20 52	0 19	22 2	1 16	12 56	0 46	17 43	0 4	12 43	9 58	22 49	22 39	1 24	16 24	6 58
T 25	19 44	21 52	4 3	20 23	1 46	6 18	0 42	19 33	1 8	20 49	0 19	22 3	1 16	12 57	0 46	17 43	0 4	12 43	9 57	22 49	22 39	1 21	16 24	6 58
F 26	19 31	18 39	4 38	19 53	1 47	5 48	0 38	19 23	1 8	20 47	0 19	22 3	1 16	12 58	0 46	17 44	0 4	12 43	9 57	22 48	22 39	1 18	16 25	6 57
S 27	19 18	14 40	5 0	19 20	1 47	5 19	0 34	19 13	1 8	20 44	0 19	22 3	1 16	12 58	0 46	17 44	0 4	12 44	9 57	22 47	22 38	1 15	16 25	6 57
S 28	19 4 10	9 5	7 18	18 47	1 47	4 50	0 30	19 3	1 8	20 41	0 20	22 4	1 16	12 59	0 46	17 45	0 4	12 44	9 56	22 46	22 38	1 12	16 25	6 57
M29	18 50	5 19	5 1	18 12	1 46																			

SWISS EPHEMERIS for the year 2002

AUGUST 2002

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	20 37 43	8Ω35'21	3♃50	20Ω12	23♎15	11♈46	29♁50	24♂52	27°R36	9°R37	15°R 4	16°D24	15♂ 8	8♀26	4°R10	
F 2	20 41 40	9°32'45	15°51	22° 5	24°19	12°24	0Ω 4	24°58	27°R34	9°R35	15°R 3	16°D24	15° 5	8°33	4♃ 7	
S 3	20 45 36	10°30'11	28° 3	23°55	25°23	13° 2	0°17	25° 5	27°31	9°33	15° 3	16°25	15° 2	8°39	4° 4	
S 4	20 49 33	11°27'37	10♂33	25°44	26°27	13°41	0°30	25°11	27°29	9°32	15° 2	16°R26	14°58	8°46	4° 1	
M 5	20 53 29	12°25'05	23°24	27°31	27°30	14°19	0°43	25°17	27°27	9°30	15° 1	16°26	14°55	8°53	3°59	
T 6	20 57 26	13°22'35	6♁40	29°17	28°33	14°57	0°57	25°23	27°24	9°29	15° 1	16°24	14°52	8°59	3°56	
W 7	21 1 22	14°20'05	20°22	1♎ 1	29°36	15°36	1°10	25°29	27°22	9°27	15° 0	16°20	14°49	9° 6	3°54	
T 8	21 5 19	15°17'36	4♃29	2°44	0♁39	16°14	1°23	25°35	27°20	9°25	14°59	16°13	14°46	9°13	3°51	
F 9	21 9 16	16°15'09	18°57	4°25	1°41	16°52	1°36	25°41	27°18	9°24	14°59	16° 5	14°42	9°20	3°49	
S 10	21 13 12	17°12'42	3♎40	6° 4	2°43	17°31	1°49	25°47	27°15	9°22	14°58	15°56	14°39	9°26	3°47	
S 11	21 17 9	18°10'17	18°30	7°42	3°45	18° 9	2° 3	25°53	27°13	9°20	14°58	15°47	14°36	9°33	3°44	
M12	21 21 5	19° 7'52	3♁18	9°18	4°46	18°47	2°16	25°58	27°10	9°19	14°57	15°39	14°33	9°40	3°42	
T 13	21 25 2	20° 5'29	17°58	10°53	5°48	19°25	2°29	26° 4	27° 8	9°17	14°57	15°33	14°30	9°46	3°40	
W14	21 28 58	21° 3'06	2♎23	12°26	6°49	20° 4	2°42	26°10	27° 6	9°16	14°56	15°30	14°27	9°53	3°38	
T 15	21 32 55	22° 0'44	16°30	13°58	7°49	20°42	2°55	26°15	27° 3	9°14	14°56	15°D28	14°23	10° 0	3°36	
F 16	21 36 51	22°58'23	0♁20	15°28	8°49	21°20	3° 8	26°21	27° 1	9°12	14°56	15°28	14°20	10° 7	3°34	
S 17	21 40 48	23°56'03	13°52	16°56	9°49	21°58	3°21	26°26	26°59	9°11	14°55	15°R29	14°17	10°13	3°33	
S 18	21 44 44	24°53'45	27° 8	18°23	10°49	22°37	3°34	26°31	26°56	9° 9	14°55	15°28	14°14	10°20	3°31	
M19	21 48 41	25°51'27	10♁10	19°48	11°48	23°15	3°46	26°37	26°54	9° 8	14°55	15°26	14°11	10°27	3°29	
T 20	21 52 38	26°49'10	22°59	21°12	12°47	23°53	3°59	26°42	26°51	9° 6	14°55	15°21	14° 8	10°33	3°28	
W21	21 56 34	27°46'55	5♁38	22°34	13°45	24°31	4°12	26°47	26°49	9° 5	14°55	15°13	14° 4	10°40	3°26	
T 22	22 0 31	28°44'41	18° 6	23°54	14°43	25° 9	4°25	26°52	26°47	9° 3	14°54	15° 3	14° 1	10°47	3°25	
F 23	22 4 27	29°42'28	0♁25	25°13	15°41	25°48	4°37	26°57	26°44	9° 2	14°54	14°50	13°58	10°53	3°23	
S 24	22 8 24	0♎40'16	12°35	26°29	16°38	26°26	4°50	27° 2	26°42	9° 0	14°54	14°37	13°55	11° 0	3°22	
S 25	22 12 20	1°38'06	24°37	27°44	17°35	27° 4	5° 3	27° 6	26°39	8°59	14°54	14°24	13°52	11° 7	3°21	
M26	22 16 17	2°35'58	6♀33	28°57	18°31	27°42	5°15	27°11	26°37	8°57	14°D54	14°13	13°48	11°14	3°20	
T 27	22 20 13	3°33'51	18°24	0♁ 8	19°27	28°20	5°28	27°16	26°35	8°56	14°54	14° 3	13°45	11°20	3°19	
W28	22 24 10	4°31'46	0♁14	1°17	20°22	28°59	5°40	27°20	26°32	8°54	14°54	13°56	13°42	11°27	3°18	
T 29	22 28 7	5°29'42	12° 6	2°24	21°17	29°37	5°53	27°25	26°30	8°53	14°54	13°52	13°39	11°34	3°17	
F 30	22 32 3	6°27'41	24° 4	3°29	22°11	0♎15	6° 5	27°29	26°28	8°52	14°54	13°50	13°36	11°40	3°16	
S 31	22 36 0	7♎25'41	6♂14	4♁31	23♁ 5	0♎53	6Ω18	27♂33	26♁25	8♁50	14♁54	13♂50	13♂33	11♀47	3♁16	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	18n 7	9n32	3s28	16n19	1n40	2n52	0n12	18n21	1n 8	20n31	0n20	22n 5	1s16	13s 2	0s46	17s47	0n 4	12s45	9n55	22n45	22n37	1s 0	16s27	6n56
F 2	17 52 14	5 2 37	15 40	1 36	2 22	0 7	18 11	1 9	20 28	0 20	22 5	1 16	13 3	0 46	17 47	0 4	12 45	9 54	22 45	22 36	0 57	16 27	6 56	
S 3	17 36 18	9 1 37	15 0	1 33	1 52	0 3	18 0	1 9	20 25	0 20	22 5	1 16	13 4	0 47	17 47	0 4	12 45	9 54	22 45	22 36	0 54	16 28	6 55	
S 4	17 21 21	31 0 32	14 20	1 28	1 23	0s 2	17 49	1 9	20 22	0 20	22 5	1 16	13 4	0 47	17 48	0 4	12 46	9 54	22 45	22 36	0 51	16 28	6 55	
M 5	17 5 23	54 0n37	13 39	1 24	0 53	0 7	17 38	1 9	20 20	0 20	22 5	1 16	13 5	0 47	17 48	0 4	12 46	9 53	22 45	22 35	0 48	16 28	6 55	
T 6	16 48 25	2 1 46	12 57	1 19	0 23	0 12	17 27	1 9	20 17	0 20	22 6	1 16	13 6	0 47	17 49	0 4	12 46	9 53	22 45	22 35	0 45	16 29	6 54	
W 7	16 32 24	43 2 51	12 15	1 13	0s 7	0 18	17 15	1 9	20 14	0 20	22 6	1 16	13 7	0 47	17 49	0 4	12 47	9 53	22 44	22 34	0 42	16 29	6 54	
T 8	16 15 22	49 3 47	11 33	1 7	0 36	0 23	17 4	1 9	20 11	0 21	22 6	1 16	13 8	0 47	17 50	0 4	12 47	9 52	22 44	22 34	0 39	16 30	6 54	
F 9	15 58 19	25 4 31	10 50	1 1	1 6	0 28	16 52	1 9	20 8	0 21	22 6	1 16	13 8	0 47	17 50	0 4	12 47	9 52	22 43	22 34	0 36	16 30	6 53	
S 10	15 41 14	46 4 57	10 8	0 54	1 36	0 34	16 41	1 9	20 6	0 21	22 6	1 16	13 9	0 47	17 51	0 4	12 48	9 51	22 42	22 33	0 34	16 30	6 53	
S 11	15 23 9	12 5 3	9 25	0 48	2 5	0 39	16 29	1 9	20 3	0 21	22 7	1 16	13 10	0 47	17 51	0 4	12 48	9 51	22 41	22 33	0 31	16 31	6 52	
M12	15 5 3	7 4 49	8 42	0 40	2 35	0 45	16 17	1 9	20 0	0 21	22 7	1 16	13 11	0 47	17 51	0 4	12 48	9 51	22 40	22 33	0 28	16 31	6 52	
T 13	14 47 3s 5	4 17 8	0 33	3 5	0 51	16 5	1 9	19 57	0 21	22 7	1 16	13 12	0 47	17 52	0 4	12 49	9 50	22 39	22 32	0 25	16 32	6 52		
W14	14 29 9	2 3 28	7 17	0 25	3 34	0 56	15 53	1 9	19 54	0 21	22 7	1 16	13 13	0 47	17 52	0 4	12 49	9 50	22 39	22 32	0 22	16 32	6 51	
T 15	14 10 14	25 2 28	6 35	0 17	4 3	1 2	15 41	1 9	19 51	0 21	22 7	1 16	13 13	0 47	17 53	0 4	12 49	9 49	22 39	22 32	0 19	16 33	6 51	
F 16	13 52 18	55 1 20	5 52	0 9	4 33	1 8	15 29	1 9	19 48	0 21	22 7	1 16	13 14	0 47	17 53	0 4	12 50	9 49	22 39	22 31	0 16	16 33	6 51	
S 17	13 33 22	19 0 9	5 10	0 1	5 2	1 14	15 16	1 9	19 45	0 22	22 7	1 16	13 15	0 47	17 54	0 4	12 50	9 49	22 39	22 31	0 13	16 34	6 50	
S 18	13 13 24	26 1s 1	4 29	0s 8	5 31	1 20	15 4	1 9	19 43	0 22	22 7	1 16	13 16	0 47	17 54	0 4	12 50	9 48	22 39	22 30	0 10	16 34	6 50	
M19	12 54 25	10 2 7	3 47	0 16	6 0	1 26	14 51	1 9	19 40	0 22	22 8	1 16	13 17	0 47	17 54	0 4	12 51	9 48	22 39	22 30	0 7	16 34	6 49	
T 20	12 34 24	31 3 5	3 6	0 25	6 28	1 33	14 39	1 9	19 37	0 22	22 8	1 16	13 18	0 47	17 55	0 4	12 51	9 47	22 38	22 30	0 4	16 35	6 49	
W21	12 15 22	37 3 53	2 26	0 34	6 57	1 39	14 26	1 9	19 34	0 22	22 8	1 16	13 18	0 47	17 55	0 4	12 52	9 47	22 37	22 29	0 1	16 35	6 48	
T 22	11 55 19	39 4 28	1 46	0 43	7 25	1 45	14 13	1 9	19 31	0 22	22 8	1 16	13 19	0 47	17 56	0 4	12 52	9 47	22 36	22 29	0n 2	16 36	6 48	
F 23	11 34 15	52 4 51	1 6	0 53	7 54	1 52	14 0	1 9	19 28	0 22	22 8	1 16	13 20	0 47	17 56	0 4	12 52	9 46	22 35	22 29	0 5	16 36	6 48	
S 24	11 14 11	27 5 0	0 27	1 2	8 22	1 58	13 47	1 9	19 25	0 22	22 8	1 16	13 21	0 47	17 56	0 4	12 53	9 46	22 33	22 28	0 8	16 37	6 47	
S 25	10 54 6	40 4 56	0s11	1 11	8 50	2 5	13 34	1 9	19 22	0 22	22 8	1 17	13 22	0 47	17 57	0 4	12 53	9 45	22 32	22 28	0 11	16 37	6 47	
M26	10 33 1 40	4 38 0 49	1 21	9 17	2 12	13 21	1 9	19 19	0 23	22 8	1 17	13 22	0 47	17 57	0 4	12 54	9 45	22 30	22 27	0 14	16 38	6 46		
T 27	10 12 3n23	4 9 1 26	1 30	9 45	2 18	13 8	1 9	19 16	0 23	22 8	1 17	13 23	0 47	17 58	0 4	12 54	9 45	22 29	22 27	0 17	16 38	6 46		
W28	9 51 8 18	3 29 2 2	1 40	10 12	2 25	12 54	1 9	19 13	0 23	22 8	1 17	13 24	0 47	17 58	0 4	12 54	9 44	22 28	22 27	0 20	16 39	6 45		
T 29	9 30 12 56	2 39 2 37	1 49	10 39	2 32	12 41	1 9	19 10	0 23	22 8	1 17	13 25	0 47	17 58	0 4	12 55	9 44	22 28	2					

SWISS EPHEMERIS for the year 2002

SEPTEMBER 2002

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	22 39 56	8 ^m 23'44	18 ^{II} 41	5 ^Ω 31	23 ^Ω 58	1 ^m 31	6 ^Ω 30	27 ^{II} 37	26 ^R 23	8 ^R 49	14 [♁] 55	13 ^R 50	13 ^{II} 29	11 ^Υ 54	3 ^R 15
M 2	22 43 53	9°21'48	1 ^Ω 30	6°28	24°51	2° 9	6°42	27°42	26 [≈] 21	8 [≈] 47	14°55	13 ^{II} 49	13°26	12° 1	3 ^Ω 15
T 3	22 47 49	10°19'54	14°45	7°22	25°43	2°48	6°54	27°46	26°18	8°46	14°55	13°47	13°23	12° 7	3°14
W 4	22 51 46	11°18'02	28°29	8°14	26°35	3°26	7° 6	27°50	26°16	8°45	14°55	13°42	13°20	12°14	3°14
T 5	22 55 42	12°16'12	12 ^Ω 42	9° 2	27°25	4° 4	7°19	27°53	26°14	8°44	14°56	13°34	13°17	12°21	3°14
F 6	22 59 39	13°14'24	27°21	9°47	28°16	4°42	7°31	27°57	26°12	8°42	14°56	13°24	13°13	12°27	3°13
S 7	23 3 36	14°12'38	12 ^m 20	10°28	29° 5	5°20	7°43	28° 1	26° 9	8°41	14°56	13°13	13°10	12°34	3°13
S 8	23 7 32	15°10'53	27°30	11° 5	29°54	5°59	7°54	28° 4	26° 7	8°40	14°57	13° 2	13° 7	12°41	3°D13
M 9	23 11 29	16° 9'10	12 ^Ω 40	11°39	0 ^m 42	6°37	8° 6	28° 8	26° 5	8°39	14°57	12°52	13° 4	12°47	3°13
T 10	23 15 25	17° 7'28	27°39	12° 8	1°29	7°15	8°18	28°11	26° 3	8°37	14°58	12°45	13° 1	12°54	3°14
W 11	23 19 22	18° 5'49	12 ^m 20	12°32	2°15	7°53	8°30	28°15	26° 0	8°36	14°58	12°40	12°58	13° 1	3°14
T 12	23 23 18	19° 4'10	26°38	12°51	3° 1	8°31	8°41	28°18	25°58	8°35	14°59	12°37	12°54	13° 8	3°14
F 13	23 27 15	20° 2'34	10 [♁] 32	13° 5	3°46	9° 9	8°53	28°21	25°56	8°34	14°59	12°D37	12°51	13°14	3°15
S 14	23 31 11	21° 0'59	24° 3	13°13	4°30	9°48	9° 4	28°24	25°54	8°33	15° 0	12°R37	12°48	13°21	3°15
S 15	23 35 8	21°59'25	7 ^Ω 12	13°R15	5°12	10°26	9°16	28°27	25°52	8°32	15° 0	12°36	12°45	13°28	3°16
M 16	23 39 5	22°57'53	20° 3	13°10	5°54	11° 4	9°27	28°29	25°50	8°31	15° 1	12°34	12°42	13°34	3°16
T 17	23 43 1	23°56'23	2 [≈] 39	12°59	6°35	11°42	9°38	28°32	25°48	8°30	15° 2	12°29	12°39	13°41	3°17
W 18	23 46 58	24°54'54	15° 4	12°41	7°15	12°20	9°50	28°35	25°46	8°29	15° 2	12°21	12°35	13°48	3°18
T 19	23 50 54	25°53'27	27°19	12°17	7°53	12°58	10° 1	28°37	25°44	8°28	15° 3	12°10	12°32	13°54	3°19
F 20	23 54 51	26°52'02	9 [♁] 26	11°45	8°31	13°37	10°12	28°40	25°42	8°27	15° 4	11°58	12°29	14° 1	3°20
S 21	23 58 47	27°50'39	21°27	11° 6	9° 7	14°15	10°23	28°42	25°40	8°26	15° 5	11°44	12°26	14° 8	3°21
S 22	0 2 44	28°49'17	3 ^Υ 23	10°21	9°42	14°53	10°34	28°44	25°38	8°25	15° 6	11°31	12°23	14°15	3°22
M 23	0 6 40	29°47'58	15°15	9°29	10°16	15°31	10°44	28°46	25°36	8°24	15° 6	11°19	12°19	14°21	3°23
T 24	0 10 37	0 ^Ω 46'40	27° 5	8°32	10°48	16° 9	10°55	28°48	25°35	8°23	15° 7	11° 9	12°16	14°28	3°25
W 25	0 14 34	1°45'25	8 ^Ω 55	7°31	11°19	16°47	11° 6	28°50	25°33	8°22	15° 8	11° 2	12°13	14°35	3°26
T 26	0 18 30	2°44'11	20°48	6°26	11°49	17°26	11°16	28°52	25°31	8°21	15° 9	10°58	12°10	14°41	3°28
F 27	0 22 27	3°43'00	2 ^{II} 47	5°20	12°17	18° 4	11°27	28°53	25°29	8°21	15°10	10°56	12° 7	14°48	3°29
S 28	0 26 23	4°41'52	14°57	4°13	12°43	18°42	11°37	28°55	25°28	8°20	15°11	10°D56	12° 4	14°55	3°31
S 29	0 30 20	5°40'45	27°22	3° 8	13° 8	19°20	11°47	28°56	25°26	8°19	15°12	10°56	12° 0	15° 1	3°33
M 30	0 34 16	6°39'41	10 ^Ω 6	2 ^Ω 6	13 ^m 31	19 ^m 58	11 ^Ω 57	28 ^{II} 58	25 [≈] 24	8 [≈] 19	15 [♁] 14	10°R56	11 ^{II} 57	15 ^Υ 8	3 ^Ω 35

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	8n25	23n23	0n26	4s17	2s17	11s58	2s53	12n 0	1n 9	19n 1	0n23	22n 8	1s17	13s27	0s47	18s 0	0n 4	12s56	9n42	22n28	22n25	0n32	16s41	6n43
M 2	8 4	24 58	1 32	4 48	2 26	12 24	3 0	11 47	1 9	18 59	0 23	22 8	1 17	13 28	0 47	18 0	0 4	12 57	9 42	22 28	22 25	0 35	16 41	6 43
T 3	7 42	25 12	2 36	5 18	2 35	12 50	3 7	11 33	1 9	18 56	0 24	22 8	1 17	13 29	0 47	18 0	0 4	12 57	9 42	22 27	22 24	0 38	16 42	6 42
W 4	7 20	23 56	3 32	5 47	2 44	13 16	3 14	11 19	1 9	18 53	0 24	22 8	1 17	13 30	0 47	18 1	0 4	12 57	9 41	22 27	22 24	0 41	16 42	6 42
T 5	6 57	21 7	4 18	6 14	2 53	13 41	3 11	11 5	1 9	18 50	0 24	22 8	1 17	13 30	0 47	18 1	0 4	12 58	9 41	22 26	22 24	0 44	16 43	6 41
F 6	6 35	16 54	4 49	6 39	3 21	14 5	3 28	10 51	1 9	18 47	0 24	22 8	1 17	13 31	0 47	18 1	0 4	12 58	9 40	22 25	22 23	0 47	16 43	6 41
S 7	6 13	11 33	5 0	7 3	3 10	14 30	3 35	10 37	1 8	18 44	0 24	22 8	1 17	13 32	0 47	18 2	0 4	12 59	9 40	22 23	22 23	0 50	16 44	6 40
S 8	5 50	5 26	4 51	7 25	3 18	14 54	3 42	10 23	1 8	18 41	0 24	22 8	1 17	13 33	0 47	18 2	0 4	12 59	9 40	22 22	22 22	0 53	16 44	6 40
M 9	5 28	1s 0	4 21	7 45	3 25	15 18	3 50	10 9	1 8	18 38	0 24	22 8	1 17	13 33	0 47	18 2	0 4	13 0	9 39	22 21	22 22	0 56	16 45	6 39
T 10	5 5	7 19	3 34	8 3	3 32	15 41	3 57	9 54	1 8	18 35	0 24	22 8	1 17	13 34	0 47	18 3	0 4	13 0	9 39	22 20	22 22	0 59	16 45	6 39
W 11	4 42	13 7	2 33	8 19	3 39	16 4	4 4	9 40	1 8	18 32	0 25	22 8	1 17	13 35	0 47	18 3	0 4	13 1	9 38	22 19	22 21	1 2	16 46	6 38
T 12	4 20	18 3	1 23	8 32	3 45	16 27	4 11	9 26	1 8	18 29	0 25	22 8	1 17	13 35	0 47	18 3	0 4	13 1	9 38	22 19	22 21	1 5	16 46	6 38
F 13	3 57	21 51	0 11	8 42	3 50	16 49	4 18	9 11	1 8	18 26	0 25	22 8	1 17	13 36	0 46	18 4	0 4	13 2	9 37	22 19	22 20	1 8	16 47	6 37
S 14	3 34	24 18	1s 0	8 49	3 55	17 11	4 26	8 57	1 8	18 23	0 25	22 8	1 18	13 37	0 46	18 4	0 4	13 2	9 37	22 19	22 20	1 11	16 47	6 37
S 15	3 11	25 21	2 6	8 53	3 58	17 32	4 33	8 42	1 8	18 20	0 25	22 8	1 18	13 38	0 46	18 4	0 4	13 3	9 37	22 18	22 20	1 14	16 48	6 36
M 16	2 48	24 59	3 4	8 54	4 1	17 53	4 40	8 28	1 8	18 18	0 25	22 8	1 18	13 38	0 46	18 5	0 4	13 3	9 36	22 18	22 19	1 17	16 48	6 36
T 17	2 24	23 20	3 52	8 51	4 3	18 14	4 47	8 13	1 8	18 15	0 25	22 8	1 18	13 39	0 46	18 5	0 4	13 3	9 36	22 18	22 19	1 20	16 49	6 35
W 18	2 1	20 35	4 28	8 44	4 3	18 34	4 54	7 59	1 8	18 12	0 26	22 8	1 18	13 40	0 46	18 5	0 4	13 4	9 35	22 17	22 18	1 23	16 49	6 35
T 19	1 38	16 57	4 51	8 33	4 2	18 53	5 2	7 44	1 8	18 9	0 26	22 8	1 18	13 40	0 46	18 5	0 4	13 4	9 35	22 15	22 18	1 26	16 50	6 34
F 20	1 15	12 40	5 0	8 18	3 59	19 12	5 9	7 29	1 8	18 6	0 26	22 8	1 18	13 41	0 46	18 6	0 4	13 5	9 35	22 13	22 18	1 29	16 50	6 34
S 21	0 51	7 56	4 56	7 59	3 54	19 31	5 16	7 14	1 8	18 3	0 26	22 8	1 18	13 42	0 46	18 6	0 4	13 5	9 34	22 12	22 17	1 32	16 51	6 33
S 22	0 28	2 56	4 39	7 36	3 48	19 49	5 23	7 0	1 7	18 1	0 26	22 8	1 18	13 42	0 46	18 6	0 4	13 6	9 34	22 10	22 17	1 35	16 51	6 33
M 23	0 5	2n 9	4 10	7 8	3 40	20 6	5 29	6 45	1 7	17 58	0 26	22 8	1 18	13 43	0 46	18 6	0 4	13 6	9 33	22 8	22 16	1 38	16 52	6 32
T 24	0s19	7 10	3 30	6 36	3 30	20 23	5 36	6 30	1 7	17 55	0 26	22 8	1 18	13 43	0 46	18 7	0 4	13 7	9 33	22 7	22 16	1 41	16 52	6 32
W 25	0 42	11 55	2 41	6 1	3 18	20 39	5 43	6 15	1 7	17 52	0 27	22 8	1 18	13 44	0 46	18 7	0 4	13 7	9 33	22 6	22 16	1 44	16 52	6 31
T 26	1 5	16 16	1 45	5 23	3 5	20 55	5 50	6 0	1 7	17 49	0 27	22 8	1 18	13 44	0 46	18 7	0 4	13 8	9 32	22 5	22 15	1 47	16 53	6 31
F 27	1 29	20 1	0 43	4 42	2 49	21 10	5 56	5 45	1 7	17 47	0 27	22 8	1 18	13 45	0 46	18 7	0 4	13 8	9 32	22 5	22 15	1 50	16 53	6 30
S 28	1 52	22 57	0n21	4 0	2 32	21 24	6 2	5 30	1 7	17 44	0 27	22 8	1 18	13 46	0 46	18 7	0 4	13 9	9 31	22 5	22 14	1 53	16 54	6 30
S 29	2 15	24 51	1 27	3 17	2 14	21 38	6 9	5 15</																

SWISS EPHEMERIS for the year 2002

OCTOBER 2002

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 38 13	7♁38'39	23♁16	1°R 9	13♁52	20♁37	12♁ 7	28♁59	25°R23	8°R18	15♁15	10°R55	11♁54	15°Y15	3♁37
W 2	0 42 9	8°37'40	6♁53	0♁18	14°12	21°15	12°17	29° 0	25♁21	8♁17	15°16	10♁52	11°51	15°22	3°39
T 3	0 46 6	9°36'42	21° 1	29♁35	14°29	21°53	12°27	29° 1	25°20	8°17	15°17	10°46	11°48	15°28	3°41
F 4	0 50 3	10°35'47	5♁36	29° 1	14°45	22°31	12°37	29° 2	25°18	8°16	15°18	10°39	11°45	15°35	3°43
S 5	0 53 59	11°34'54	20°35	28°37	14°59	23° 9	12°47	29° 3	25°17	8°16	15°19	10°30	11°41	15°42	3°45
S 6	0 57 56	12°34'03	5♁49	28°23	15°11	23°48	12°56	29° 3	25°15	8°15	15°21	10°21	11°38	15°48	3°47
M 7	1 1 52	13°33'14	21° 8	28°D19	15°20	24°26	13° 6	29° 4	25°14	8°15	15°22	10°13	11°35	15°55	3°50
T 8	1 5 49	14°32'28	6♁20	28°27	15°28	25° 4	13°15	29° 4	25°13	8°14	15°23	10° 7	11°32	16° 2	3°52
W 9	1 9 45	15°31'43	21°16	28°44	15°33	25°42	13°24	29° 5	25°11	8°14	15°25	10° 3	11°29	16° 8	3°55
T 10	1 13 42	16°31'00	5♁48	29°12	15°36	26°21	13°33	29° 5	25°10	8°14	15°26	10°D 2	11°25	16°15	3°58
F 11	1 17 38	17°30'19	19°53	29°49	15°R37	26°59	13°42	29° 5	25° 9	8°13	15°27	10° 2	11°22	16°22	4° 0
S 12	1 21 35	18°29'40	3♁30	0♁35	15°35	27°37	13°51	29°R 5	25° 8	8°13	15°29	10° 3	11°19	16°29	4° 3
S 13	1 25 31	19°29'03	16°43	1°29	15°31	28°15	14° 0	29° 5	25° 7	8°13	15°30	10°R 4	11°16	16°35	4° 6
M14	1 29 28	20°28'27	29°33	2°31	15°24	28°54	14° 8	29° 5	25° 6	8°12	15°32	10° 3	11°13	16°42	4° 9
T 15	1 33 25	21°27'53	12♁ 5	3°39	15°15	29°32	14°17	29° 4	25° 5	8°12	15°33	10° 1	11°10	16°49	4°12
W16	1 37 21	22°27'20	24°22	4°52	15° 4	0♁10	14°25	29° 4	25° 4	8°12	15°35	9°56	11° 6	16°55	4°15
T 17	1 41 18	23°26'50	6♁29	6°11	14°50	0°48	14°33	29° 3	25° 3	8°12	15°36	9°50	11° 3	17° 2	4°18
F 18	1 45 14	24°26'21	18°29	7°33	14°34	1°27	14°42	29° 3	25° 2	8°12	15°38	9°42	11° 0	17° 9	4°21
S 19	1 49 11	25°25'54	0°Y23	9° 0	14°15	2° 5	14°50	29° 2	25° 1	8°12	15°40	9°34	10°57	17°15	4°25
S 20	1 53 7	26°25'29	12°15	10°29	13°54	2°43	14°57	29° 1	25° 0	8°12	15°41	9°25	10°54	17°22	4°28
M21	1 57 4	27°25'06	24° 6	12° 1	13°31	3°22	15° 5	29° 0	25° 0	8°D12	15°43	9°17	10°50	17°29	4°31
T 22	2 1 0	28°24'45	5♁58	13°36	13° 6	4° 0	15°13	28°59	24°59	8°12	15°45	9°11	10°47	17°36	4°35
W23	2 4 57	29°24'26	17°52	15°11	12°39	4°38	15°20	28°58	24°58	8°12	15°46	9° 7	10°44	17°42	4°39
T 24	2 8 54	0♁24'09	29°51	16°49	12°10	5°16	15°27	28°57	24°58	8°12	15°48	9° 5	10°41	17°49	4°42
F 25	2 12 50	1°23'54	11♁57	18°27	11°40	5°55	15°35	28°55	24°57	8°12	15°50	9°D 4	10°38	17°56	4°46
S 26	2 16 47	2°23'41	24°13	20° 6	11° 8	6°33	15°42	28°54	24°57	8°12	15°52	9° 5	10°35	18° 2	4°50
S 27	2 20 43	3°23'31	6♁42	21°45	10°34	7°11	15°49	28°52	24°56	8°12	15°53	9° 7	10°31	18° 9	4°54
M28	2 24 40	4°23'23	19°28	23°25	10° 0	7°50	15°55	28°50	24°56	8°13	15°55	9° 8	10°28	18°16	4°57
T 29	2 28 36	5°23'17	2♁35	25° 5	9°24	8°28	16° 2	28°48	24°55	8°13	15°57	9°R 9	10°25	18°22	5° 1
W30	2 32 33	6°23'13	16° 5	26°45	8°48	9° 6	16° 8	28°46	24°55	8°13	15°59	9° 9	10°22	18°29	5° 5
T 31	2 36 29	7♁23'11	0♁ 0	28♁25	8♁12	9♁45	16♁15	28♁44	24♁55	8♁14	16♁ 1	9♁ 7	10♁19	18♁36	5♁10

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat										
T 1	3s 2	24n49	3n26	1s54	1s34	22s 3	6s20	4n44	1n 6	17n36	0n27	22n 8	1s19	13s47	0s46	18s 8	0n 4	13s10	9n30	22n 5	22n13	2n 2	16s55	6n28	
W 2	3 25	22 38	4 13	1 15	1 14	22 14	6 26	4 29	1 6	17 33	0 28	22 8	1 19	13 48	0 46	18 8	0 4	4 13	11 9	30 22	4 22	13 2	2 5	16 56	6 28
T 3	3 48	19 1	4 47	0 39	0 54	22 24	6 31	4 14	1 6	17 31	0 28	22 8	1 19	13 48	0 46	18 8	0 4	4 13	11 9	30 22	4 22	12 2	2 8	16 56	6 27
F 4	4 12	14 9	5 3	0 7	0 34	22 34	6 37	3 59	1 6	17 28	0 28	22 7	1 19	13 49	0 46	18 9	0 3	13 12	9 29	22 3	22 12	2 11	16 56	6 27	
S 5	4 35	8 19	5 0	0n20	0 14	22 43	6 42	3 44	1 6	17 26	0 28	22 7	1 19	13 49	0 46	18 9	0 3	13 12	9 29	22 2	1 22	11 2	14 16	57 6 26	
S 6	4 58	1 54	4 35	0 43	0n 4	22 51	6 46	3 28	1 6	17 23	0 28	22 7	1 19	13 50	0 46	18 9	0 3	13 13	9 28	22 0	22 11	2 17	16 57	6 26	
M 7	5 21	4s41	3 51	1 0	0 22	22 58	6 51	3 13	1 6	17 20	0 28	22 7	1 19	13 50	0 46	18 9	0 3	13 13	9 28	21 59	22 10	2 20	16 58	6 26	
T 8	5 44	10 57	2 50	1 12	0 38	23 4	6 55	2 58	1 6	17 18	0 29	22 7	1 19	13 50	0 46	18 9	0 3	13 14	9 28	21 58	22 10	2 23	16 58	6 25	
W 9	6 7	16 29	1 39	1 18	0 52	23 9	6 58	2 42	1 5	17 15	0 29	22 7	1 19	13 51	0 46	18 9	0 3	13 14	9 27	21 57	22 10	2 26	16 58	6 25	
T 10	6 30	20 54	0 23	1 19	1 6	23 13	7 1	2 27	1 5	17 13	0 29	22 7	1 19	13 51	0 46	18 9	0 3	13 15	9 27	21 57	22 9	2 29	16 59	6 24	
F 11	6 52	23 56	0s53	1 15	1 17	23 16	7 4	2 12	1 5	17 11	0 29	22 7	1 19	13 52	0 46	18 9	0 3	13 15	9 27	21 57	22 9	2 32	16 59	6 24	
S 12	7 15	25 26	2 3	1 6	1 27	23 18	7 7	1 57	1 5	17 8	0 29	22 7	1 19	13 52	0 46	18 9	0 3	13 16	9 26	21 57	22 8	2 35	17 0	6 23	
S 13	7 37	25 26	3 4	0 53	1 36	23 18	7 9	1 41	1 5	17 6	0 29	22 7	1 19	13 52	0 46	18 10	0 3	13 16	9 26	21 58	22 8	2 38	17 0	6 23	
M14	8 0	24 4	3 55	0 35	1 44	23 18	7 10	1 26	1 5	17 4	0 30	22 7	1 19	13 53	0 46	18 10	0 3	13 17	9 26	21 57	22 7	2 41	17 0	6 22	
T 15	8 22	21 31	4 32	0 14	1 50	23 16	7 11	1 10	1 5	17 1	0 30	22 7	1 19	13 53	0 46	18 10	0 3	13 17	9 25	21 57	22 7	2 44	17 1	6 22	
W16	8 44	18 3	4 57	0s11	1 54	23 13	7 11	0 55	1 4	16 59	0 30	22 7	1 19	13 53	0 46	18 10	0 3	13 18	9 25	21 56	22 6	2 47	17 1	6 21	
T 17	9 6	13 53	5 7	0 39	1 58	23 8	7 11	0 40	1 4	16 57	0 30	22 7	1 19	13 53	0 46	18 10	0 3	13 18	9 25	21 56	22 6	2 50	17 1	6 21	
F 18	9 28	9 13	5 4	1 9	2 0	23 2	7 10	0 24	1 4	16 55	0 30	22 7	1 19	13 54	0 46	18 10	0 3	13 19	9 24	21 54	22 6	2 53	17 2	6 21	
S 19	9 50	4 15	4 48	1 42	2 2	22 55	7 8	0 9	1 4	16 52	0 30	22 7	1 20	13 54	0 46	18 10	0 3	13 19	9 24	21 53	22 5	2 56	17 2	6 20	
S 20	10 12	0n52	4 19	2 17	2 2	22 46	7 5	0s 6	1 4	16 50	0 31	22 7	1 20	13 54	0 46	18 10	0 3	13 20	9 24	21 52	22 5	2 59	17 2	6 20	
M21	10 33	5 57	3 39	2 53	2 2	22 36	7 2	0 22	1 4	16 48	0 31	22 7	1 20	13 54	0 46	18 10	0 3	13 20	9 23	21 51	22 4	3 2	17 3	6 19	
T 22	10 55	10 50	2 50	3 31	2 0	22 24	6 58	0 37	1 3	16 46	0 31	22 6	1 20	13 55	0 46	18 10	0 3	13 21	9 23	21 50	22 4	3 6	17 3	6 19	
W23	11 16	15 21	1 53	4 10	1 58	22 11	6 54	0 52	1 3	16 44	0 31	22 6	1 20	13 55	0 45	18 10	0 3	13 21	9 23	21 49	22 3	3 9	17 3	6 18	
T 24	11 37	19 18	0 50	4 49	1 56	21 57	6 48	1 8	1 3	16 42	0 31	22 6	1 20	13 55	0 45	18 10	0 3	13 22	9 22	21 49	22 3	3 12	17 4	6 18	
F 25	11 58	22 29	0n16	5 30	1 53	21 41	6 42	1 23	1 3	16 40	0 32	22 6	1 20	13 55	0 45	18 10	0 3	13 22	9 22	21 49	22 2	3 15	17 4	6 18	
S 26	12 18	24 40	1 22	6 10	1 49	21 24	6 35	1 38	1 3	16 38	0 32	22 6	1 20	13 55	0 45	18 10	0 3	13 23	9 22	21 49	22 2	3 18	17 4	6 17	
S 27	12 39	25 41	2 25	6 51	1 45	21 6	6 27	1 54	1 2	16 36	0 32	22 6	1 20	13 55	0 45	18 10	0 3	13 23	9 21	21 49	22 2	3 21	17 4	6 17	
M28	12 59	25 22	3 23	7 33	1 40	20 47	6 18	2 9	1 2	16 35	0 32	22 6	1 20	13 55	0 45	18 10	0 3	13 24	9 21	21 49	22 1	3 24	17 5	6 16	
T 29	13 19	23 40	4 12	8 14	1 35	20 26	6 9	2 24	1 2	16 33	0 32	22 6	1 20	13											

SWISS EPHEMERIS for the year 2002

NOVEMBER 2002

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	2 40 26	8♍23'12	14♎21	0♍ 5	7°R35	10♌23	16♏21	28°R42	24°R55	8♌14	16♌ 3	9°R 4	10♐16	18°Y42	5♊14		
S 2	2 44 23	9°23'14	29° 5	1°45	6♍59	11° 2	16°27	28♐40	24♌55	8°14	16° 5	9♐ 0	10°12	18°49	5°18		
S 3	2 48 19	10°23'19	14♌ 6	3°25	6°23	11°40	16°33	28°38	24°55	8°15	16° 7	8°56	10° 9	18°56	5°22		
M 4	2 52 16	11°23'26	29°16	5° 4	5°47	12°18	16°38	28°35	24°D54	8°15	16° 9	8°52	10° 6	19° 3	5°27		
T 5	2 56 12	12°23'34	14♍24	6°43	5°13	12°57	16°44	28°33	24°55	8°16	16°11	8°49	10° 3	19° 9	5°31		
W 6	3 0 9	13°23'45	29°22	8°22	4°39	13°35	16°49	28°30	24°55	8°16	16°13	8°47	10° 0	19°16	5°35		
T 7	3 4 5	14°23'57	14♌ 1	10° 0	4° 7	14°13	16°54	28°27	24°55	8°17	16°15	8°D47	9°56	19°23	5°40		
F 8	3 8 2	15°24'11	28°16	11°38	3°36	14°52	16°59	28°24	24°55	8°17	16°17	8°48	9°53	19°29	5°44		
S 9	3 11 58	16°24'27	12♌ 3	13°16	3° 6	15°30	17° 4	28°21	24°55	8°18	16°19	8°50	9°50	19°36	5°49		
S 10	3 15 55	17°24'44	25°24	14°53	2°39	16° 9	17° 9	28°18	24°55	8°19	16°21	8°51	9°47	19°43	5°54		
M11	3 19 52	18°25'02	8♌20	16°30	2°13	16°47	17°13	28°15	24°56	8°20	16°23	8°52	9°44	19°49	5°58		
T 12	3 23 48	19°25'22	20°55	18° 7	1°50	17°26	17°18	28°12	24°56	8°20	16°25	8°R52	9°41	19°56	6° 3		
W13	3 27 45	20°25'43	3♌12	19°43	1°28	18° 4	17°22	28° 9	24°56	8°21	16°27	8°52	9°37	20° 3	6° 8		
T 14	3 31 41	21°26'06	15°17	21°19	1° 9	18°42	17°26	28° 5	24°57	8°22	16°29	8°50	9°34	20° 9	6°13		
F 15	3 35 38	22°26'30	27°13	22°55	0°52	19°21	17°29	28° 2	24°57	8°23	16°31	8°48	9°31	20°16	6°18		
S 16	3 39 34	23°26'55	9°Y 4	24°30	0°38	19°59	17°33	27°58	24°58	8°24	16°33	8°46	9°28	20°23	6°23		
S 17	3 43 31	24°27'22	20°55	26° 5	0°26	20°38	17°36	27°55	24°59	8°24	16°35	8°43	9°25	20°30	6°28		
M18	3 47 27	25°27'50	2♌47	27°40	0°17	21°16	17°40	27°51	24°59	8°25	16°38	8°41	9°22	20°36	6°33		
T 19	3 51 24	26°28'20	14°43	29°15	0°10	21°55	17°43	27°47	25° 0	8°26	16°40	8°40	9°18	20°43	6°38		
W20	3 55 21	27°28'51	26°46	0♌49	0° 5	22°33	17°46	27°43	25° 1	8°27	16°42	8°39	9°15	20°50	6°43		
T 21	3 59 17	28°29'24	8♐56	2°23	0°D 3	23°12	17°48	27°39	25° 2	8°28	16°44	8°D39	9°12	20°56	6°48		
F 22	4 3 14	29°29'58	21°16	3°57	0° 4	23°50	17°51	27°35	25° 3	8°29	16°46	8°39	9° 9	21° 3	6°54		
S 23	4 7 10	0♌30'34	3♌47	5°31	0° 7	24°29	17°53	27°31	25° 3	8°31	16°49	8°39	9° 6	21°10	6°59		
S24	4 11 7	1°31'12	16°30	7° 5	0°12	25° 7	17°55	27°27	25° 4	8°32	16°51	8°40	9° 2	21°16	7° 4		
M25	4 15 3	2°31'51	29°27	8°38	0°20	25°46	17°57	27°23	25° 6	8°33	16°53	8°41	8°59	21°23	7° 9		
T 26	4 19 0	3°32'31	12♌41	10°11	0°30	26°24	17°59	27°19	25° 7	8°34	16°55	8°41	8°56	21°30	7°15		
W27	4 22 56	4°33'14	26°11	11°45	0°42	27° 3	18° 1	27°14	25° 8	8°35	16°58	8°42	8°53	21°36	7°20		
T 28	4 26 53	5°33'58	9♎59	13°18	0°56	27°41	18° 2	27°10	25° 9	8°36	17° 0	8°R42	8°50	21°43	7°26		
F 29	4 30 50	6°34'43	24° 6	14°51	1°12	28°20	18° 3	27° 6	25°10	8°38	17° 2	8°42	8°47	21°50	7°31		
S 30	4 34 46	7♌35'30	8♌29	16♌23	1♍31	28♌58	18♏ 4	27♐ 1	25♌11	8♌39	17♌ 4	8♐42	8♐43	21°Y57	7♊37		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14s18	10n57	5n11	10s16	1n19	19s20	5s36	3s10	1n 1	16n28	0n33	22n 6	1s20	13s56	0s45	18s 9	0n 3
S 2	14 37	4 51	4 54	10 57	1 13	18 56	5 23	3 25	1 1	16 26	0 33	22 6	1 20	13 56	0 45	18 9	0 3
S 3	14 56	1s37	4 16	11 36	1 7	18 32	5 11	3 41	1 1	16 24	0 33	22 6	1 20	13 56	0 45	18 9	0 3
M 4	15 15	8 5	3 20	12 16	1 0	18 7	4 57	3 56	1 1	16 23	0 33	22 6	1 20	13 56	0 45	18 9	0 3
T 5	15 33	14 5	2 10	12 55	0 54	17 42	4 43	4 11	1 1	16 21	0 34	22 6	1 20	13 56	0 45	18 9	0 3
W 6	15 52	19 11	0 52	13 33	0 47	17 17	4 29	4 26	1 0	16 20	0 34	22 6	1 20	13 56	0 45	18 9	0 3
T 7	16 10	22 58	0s29	14 10	0 41	16 53	4 15	4 41	1 0	16 19	0 34	22 6	1 20	13 55	0 45	18 9	0 3
F 8	16 27	25 11	1 45	14 47	0 34	16 28	4 0	4 56	1 0	16 17	0 34	22 6	1 20	13 55	0 45	18 9	0 3
S 9	16 45	25 46	2 53	15 23	0 27	16 4	3 45	5 11	1 0	16 16	0 34	22 6	1 20	13 55	0 45	18 8	0 3
S 10	17 2 24	49 3 49	15 58	0 21	15 40	3 29	5 26	0 59	16 15	0 35	22 5	1 20	13 55	0 45	18 8	0 3	13 29
M11	17 19	22 33	4 32	16 33	0 14	15 17	3 14	5 41	0 59	16 14	0 35	22 5	1 20	13 55	0 45	18 8	0 3
T 12	17 35	19 16	5 0	17 7	0 7	14 54	2 59	5 56	0 59	16 13	0 35	22 5	1 20	13 55	0 45	18 8	0 3
W13	17 51	15 12	5 14	17 40	0 0	14 32	2 43	6 11	0 59	16 12	0 35	22 5	1 20	13 55	0 45	18 8	0 3
T 14	18 7 10	37 5 14	18 12	0s 6	14 11	2 28	6 26	0 58	16 11	0 36	22 5	1 20	13 54	0 45	18 8	0 3	13 31
F 15	18 23	5 41	5 0	18 43	0 13	13 51	2 13	6 41	0 58	16 10	0 36	22 5	1 20	13 54	0 45	18 7	0 3
S 16	18 38	0 35	4 33	19 13	0 20	13 32	1 58	6 55	0 58	16 9	0 36	22 5	1 20	13 54	0 45	18 7	0 3
S 17	18 53	4n32	3 54	19 42	0 26	13 14	1 43	7 10	0 58	16 8	0 36	22 5	1 20	13 54	0 45	18 7	0 3
M18	19 8 9	32 3 6	20 10	0 31	12 57	1 29	7 25	0 57	16 7	0 36	22 5	1 20	13 54	0 45	18 7	0 3	13 33
T 19	19 22	14 12	2 9	20 38	0 39	12 41	1 14	7 39	0 57	16 6	0 37	22 5	1 20	13 53	0 45	18 6	0 3
W20	19 36	18 22	1 5	21 4	0 45	12 27	1 1	7 54	0 57	16 6	0 37	22 5	1 20	13 53	0 44	18 6	0 3
T 21	19 49	21 49	0n 2	21 29	0 52	12 13	0 47	8 8	0 57	16 5	0 37	22 5	1 20	13 53	0 44	18 6	0 3
F 22	20 3 24	18 1 9	21 53	0 58	12 1	0 34	8 23	0 56	16 4	0 37	22 5	1 20	13 52	0 44	18 6	0 3	13 34
S 23	20 15	25 38	2 15	22 16	1 4	11 50	0 21	8 37	0 56	16 4	0 37	22 5	1 20	13 52	0 44	18 5	0 3
S 24	20 28	25 39	3 15	22 38	1 10	11 40	0 8	8 51	0 56	16 3	0 38	22 5	1 20	13 52	0 44	18 5	0 3
M25	20 40	24 17	4 6	22 59	1 15	11 31	0n 4	9 6	0 55	16 3	0 38	22 5	1 20	13 51	0 44	18 5	0 3
T 26	20 52	21 34	4 45	23 19	1 21	11 24	0 16	9 20	0 55	16 3	0 38	22 5	1 20	13 51	0 44	18 5	0 3
W27	21 3 17	39 5 10	23 37	1 26	11 17	0 27	9 34	0 55	16 3	0 38	22 5	1 20	13 50	0 44	18 4	0 3	13 36
T 28	21 14	12 43	5 17	23 54	1 31	11 12	0 38	9 48	0 54	16 2	0 39	22 5	1 20	13 50	0 44	18 4	0 3
F 29	21 24	7 2	5 6	24 10	1 36	11 8	0 49	10 2	0 54	16 2	0 39	22 4	1 20	13 50	0 44	18 4	0 3
S 30	21s35	0n52	4n36	24s25	1s41	11s 5	0n59	10s16	0n54	16n 2	0n39	22n 4	1s20	13s49	0s44	18s 3	0n 3

Julian Day Number = 2452579.5, Delta T = 64.45 sec
 Ecliptic obliquity = 23°26'23", Nutation = - 0°00'17"
 Ayanamsha: Fagan/Bradley = 24°46'48", Lahiri = 23°53'48"

SWISS EPHEMERIS for the year 2002

DECEMBER 2002

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♁	♆	♁	♁	♁	♁
S 1	4 38 43	8°36'18	23°56' 6	17°56'56	11°51	29°53'37	18°52' 5	26°R57	25°58'13	8°40	17°57' 7	8°D41	8°II40	22°Y 3	7°Z42
M 2	4 42 39	9°37'08	7°11'51	19°29	2°14	0°15	18° 6	26°II52	25°14	8°42	17° 9	8°II42	8°37	22°10	7°48
T 3	4 46 36	10°38'00	22°39	21° 1	2°38	0°54	18° 6	26°47	25°16	8°43	17°11	8°42	8°34	22°17	7°54
W 4	4 50 32	11°38'53	7°22	22°34	3° 4	1°33	18° 6	26°43	25°17	8°44	17°13	8°R42	8°31	22°23	7°59
T 5	4 54 29	12°39'47	21°53	24° 6	3°32	2°11	18°R 6	26°38	25°19	8°46	17°16	8°42	8°28	22°30	8° 5
F 6	4 58 26	13°40'42	6°36	25°38	4° 1	2°50	18° 6	26°33	25°20	8°47	17°18	8°41	8°24	22°37	8°11
S 7	5 2 22	14°41'37	19°56	27°10	4°32	3°28	18° 6	26°28	25°22	8°49	17°20	8°41	8°21	22°43	8°16
S 8	5 6 19	15°42'34	3°23	28°42	5° 4	4° 7	18° 5	26°24	25°23	8°50	17°23	8°40	8°18	22°50	8°22
M 9	5 10 15	16°43'32	16°25	0°14	5°38	4°45	18° 4	26°19	25°25	8°52	17°25	8°39	8°15	22°57	8°28
T 10	5 14 12	17°44'30	29° 5	1°45	6°14	5°24	18° 3	26°14	25°27	8°54	17°27	8°38	8°12	23° 3	8°34
W 11	5 18 8	18°45'28	11°26	3°16	6°50	6° 3	18° 2	26° 9	25°29	8°55	17°30	8°37	8° 8	23°10	8°40
T 12	5 22 5	19°46'27	23°32	4°47	7°28	6°41	18° 1	26° 4	25°30	8°57	17°32	8°D37	8° 5	23°17	8°45
F 13	5 26 1	20°47'27	5°Y28	6°17	8° 8	7°20	17°59	25°59	25°32	8°58	17°34	8°38	8° 2	23°23	8°51
S 14	5 29 58	21°48'28	17°19	7°47	8°48	7°58	17°57	25°54	25°34	9° 0	17°36	8°39	7°59	23°30	8°57
S 15	5 33 55	22°49'28	29° 9	9°16	9°30	8°37	17°55	25°49	25°36	9° 2	17°39	8°40	7°56	23°37	9° 3
M 16	5 37 51	23°50'30	11°3	10°44	10°13	9°16	17°53	25°44	25°38	9° 4	17°41	8°42	7°53	23°43	9° 9
T 17	5 41 48	24°51'32	23° 4	12°11	10°56	9°54	17°51	25°40	25°40	9° 5	17°43	8°43	7°49	23°50	9°15
W 18	5 45 44	25°52'35	5°II15	13°38	11°41	10°33	17°48	25°35	25°42	9° 7	17°46	8°R43	7°46	23°57	9°21
T 19	5 49 41	26°53'38	17°38	15° 2	12°27	11°11	17°46	25°30	25°44	9° 9	17°48	8°43	7°43	24° 4	9°27
F 20	5 53 37	27°54'41	0°216	16°25	13°14	11°50	17°43	25°25	25°47	9°11	17°50	8°42	7°40	24°10	9°33
S 21	5 57 34	28°55'46	13° 8	17°47	14° 2	12°29	17°40	25°20	25°49	9°12	17°52	8°40	7°37	24°17	9°39
S 22	6 1 30	29°56'51	26°14	19° 6	14°51	13° 7	17°36	25°15	25°51	9°14	17°55	8°37	7°34	24°24	9°45
M 23	6 5 27	0°35'76	9°Z34	20°22	15°40	13°46	17°33	25°10	25°53	9°16	17°57	8°33	7°30	24°30	9°51
T 24	6 9 24	1°59'02	23° 7	21°35	16°31	14°25	17°29	25° 5	25°56	9°18	17°59	8°30	7°27	24°37	9°57
W 25	6 13 20	3° 0'09	6°II50	22°44	17°22	15° 3	17°25	25° 0	25°58	9°20	18° 1	8°27	7°24	24°44	10° 3
T 26	6 17 17	4° 1'16	20°44	23°50	18°14	15°42	17°21	24°55	26° 1	9°22	18° 4	8°25	7°21	24°50	10° 9
F 27	6 21 13	5° 2'24	4°46	24°50	19° 7	16°21	17°17	24°50	26° 3	9°24	18° 6	8°D24	7°18	24°57	10°15
S 28	6 25 10	6° 3'33	18°55	25°45	20° 0	16°59	17°13	24°46	26° 5	9°26	18° 8	8°25	7°14	25° 4	10°21
S 29	6 29 6	7° 4'42	3°II10	26°33	20°54	17°38	17° 8	24°41	26° 8	9°28	18°10	8°26	7°11	25°10	10°27
M 30	6 33 3	8° 5'52	17°28	27°14	21°49	18°17	17° 3	24°36	26°11	9°30	18°12	8°28	7° 8	25°17	10°33
T 31	6 36 59	9°37'02	1°Z47	27°347	22°II44	18°II55	16°Z58	24°II31	26°II13	9°II32	18°Z15	8°R29	7°II 5	25°Y24	10°Z39

Day	☉	☽	♀	♁	♂	♄	♃	♅	♁	♆	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	21s44	5s27	3n47	24s39	1s46	11s 2	1n 9	10s30	0n54	16n 2	0n39	22n 4	1s20	13s49	0s44	18s 3	0n 3	13s38	9n14	21n45	21n45	5n 7	17s 7	6n 7
M 2	21 54	11 33	2 43	24 51	1 50	11 1	1 18	10 44	0 53	16 2	0 40	22 4	1 20	13 48	0 44	18 3	0 3	13 38	9 14	21 45	21 44	5 10	17 7	6 6
T 3	22 2	17 1	1 28	25 2	1 54	11 1	1 27	10 58	0 53	16 2	0 40	22 4	1 20	13 48	0 44	18 2	0 3	13 38	9 13	21 45	21 44	5 13	17 7	6 6
W 4	22 11	21 25	0 7	25 11	1 58	11 2	1 36	11 11	0 53	16 2	0 40	22 4	1 20	13 47	0 44	18 2	0 3	13 39	9 13	21 45	21 43	5 16	17 7	6 6
T 5	22 19	24 24	1s13	25 20	2 1	11 3	1 44	11 25	0 52	16 3	0 40	22 4	1 20	13 47	0 44	18 2	0 3	13 39	9 13	21 45	21 43	5 19	17 6	6 6
F 6	22 27	25 44	2 26	25 27	2 5	11 6	1 52	11 38	0 52	16 3	0 40	22 4	1 20	13 46	0 44	18 1	0 3	13 39	9 13	21 45	21 42	5 22	17 6	6 6
S 7	22 34	25 25	3 30	25 32	2 7	11 9	2 0	11 52	0 51	16 3	0 41	22 4	1 20	13 45	0 44	18 1	0 3	13 40	9 13	21 45	21 42	5 25	17 6	6 6
S 8	22 40	23 36	4 19	25 36	2 10	11 13	2 7	12 5	0 51	16 4	0 41	22 4	1 20	13 45	0 44	18 0	0 3	13 40	9 13	21 45	21 41	5 28	17 6	6 5
M 9	22 47	20 35	4 54	25 39	2 12	11 18	2 14	12 19	0 51	16 4	0 41	22 4	1 19	13 44	0 44	18 0	0 3	13 40	9 13	21 45	21 41	5 31	17 6	6 5
T 10	22 52	16 40	5 13	25 40	2 14	11 23	2 21	12 32	0 50	16 5	0 41	22 4	1 19	13 44	0 44	18 0	0 3	13 40	9 13	21 45	21 40	5 34	17 5	6 5
W 11	22 58	12 9	5 17	25 40	2 16	11 29	2 27	12 45	0 50	16 5	0 42	22 4	1 19	13 43	0 44	17 59	0 3	13 41	9 13	21 44	21 40	5 37	17 5	6 5
T 12	23 3	7 15	5 6	25 38	2 17	11 36	2 33	12 58	0 50	16 6	0 42	22 4	1 19	13 42	0 44	17 59	0 3	13 41	9 13	21 44	21 39	5 40	17 5	6 5
F 13	23 7	2 10	4 43	25 35	2 17	11 43	2 38	13 11	0 49	16 6	0 42	22 4	1 19	13 42	0 44	17 58	0 3	13 41	9 12	21 45	21 39	5 43	17 4	6 5
S 14	23 11	2n59	4 8	25 30	2 17	11 51	2 44	13 24	0 49	16 7	0 42	22 4	1 19	13 41	0 44	17 58	0 3	13 42	9 12	21 45	21 38	5 46	17 4	6 5
S 15	23 15	8 1	3 22	25 24	2 17	11 59	2 49	13 37	0 49	16 8	0 42	22 3	1 19	13 40	0 44	17 57	0 3	13 42	9 12	21 45	21 38	5 49	17 4	6 5
M 16	23 18	12 48	2 27	25 16	2 16	12 8	2 53	13 49	0 48	16 9	0 43	22 3	1 19	13 40	0 44	17 57	0 3	13 42	9 12	21 45	21 37	5 52	17 4	6 5
T 17	23 20	17 9	1 26	25 7	2 15	12 18	2 58	14 2	0 48	16 10	0 43	22 3	1 19	13 39	0 44	17 57	0 3	13 42	9 12	21 45	21 37	5 55	17 3	6 5
W 18	23 23	20 52	0 19	24 56	2 13	12 27	3 2	14 14	0 47	16 11	0 43	22 3	1 19	13 38	0 44	17 56	0 3	13 43	9 12	21 45	21 36	5 58	17 3	6 5
T 19	23 24	23 41	0n49	24 44	2 10	12 38	3 6	14 27	0 47	16 12	0 43	22 3	1 19	13 37	0 44	17 56	0 3	13 43	9 12	21 45	21 36	6 1	17 3	6 5
F 20	23 25	25 23	1 56	24 31	2 6	12 48	3 9	14 39	0 46	16 13	0 44	22 3	1 19	13 37	0 43	17 55	0 3	13 43	9 12	21 45	21 35	6 4	17 2	6 4
S 21	23 26	25 45	2 59	24 17	2 2	12 59	3 13	14 51	0 46	16 14	0 44	22 3	1 18	13 36	0 43	17 55	0 3	13 43	9 12	21 45	21 35	6 7	17 2	6 4
S 22	23 26	24 43	3 53	24 1	1 57	13 10	3 16	15 3	0 46	16 15	0 44	22 3	1 18	13 35	0 43	17 54	0 3	13 44	9 12	21 44	21 34	6 10	17 1	6 4
M 23	23 26	22 16	4 35	23 44	1 51	13 22	3 18	15 15	0 45	16 17	0 44	22 3	1 18	13 34	0 43	17 54	0 2	13 44	9 12	21 44	21 34	6 14	17 1	6 4
T 24	23 25	18 35	5 3	23 26	1 44	13 34	3 21	15 27	0 45	16 18	0 45	22 3	1 18	13 33	0 43	17 53	0 2	13 44	9 12	21 43	21 33	6 17	17 1	6 4
W 25	23 24	13 51	5 14	23 7	1 37	13 46	3 23	15 39	0 45	16 19	0 45	22 3	1 18	13 33	0 43	17 53	0 2	13 44	9 12	21 43	21 33	6 20	17 0	6 4
T 26	23 23	8 23	5 7	22 47	1 28	13 58	3 25	15 50	0 44	16 21	0 45	22 3	1 18	13 32	0 43	17 52	0 2	13 44	9 12	21 43	21 32	6 23	17 0	6 4
F 27	23 21	2 25	4 42	22 27	1 18	14 11	3 27	16 2	0 43	16 22	0 45	22 3	1 18	13 31	0 43	17 52	0 2	13 45	9 12	21 42	21 32	6 26	16 59	6 4
S 28	23 18	3s43	3 59	22 6	1 7	14 23	3 29	16 13	0 43	16 24	0 45	22 3	1 18	13 30	0 43	17 51	0 2	13 45	9 12	21 43	21 31	6 29	16 59	6 4
S 29	23 15	9 43	3 2	21 45	0 55	14 36	3 30	16 25	0 43	16 25	0 46</													