

SWISS EPHEMERIS for the year 1501

JANUARY 1501 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	7 18 45	20♌12'29"	11♋ 3	0♋25	3♌22	16♌1	23♋46	28°R27	27♋54	17♌0	27♌5	27°R30	25♌44	0♌6	23°R13
S 2	7 22 41	21°13'34"	23° 5	2° 6	4°23	16°45	23°56	28♌25	27°57	17° 2	27° 7	27♌27	25°41	0°13	23♋10
S 3	7 26 38	22°14'38"	5♌ 1	3°48	5°24	17°28	24° 6	28°23	28° 0	17° 4	27° 8	27°21	25°37	0°20	23° 6
M 4	7 30 34	23°15'42"	16°55	5°29	6°26	18°11	24°16	28°21	28° 3	17° 7	27°10	27°13	25°34	0°26	23° 3
T 5	7 34 31	24°16'44"	28°47	7°10	7°28	18°54	24°27	28°19	28° 6	17° 9	27°11	27° 2	25°31	0°33	23° 0
W 6	7 38 27	25°17'46"	10♌39	8°50	8°30	19°38	24°37	28°18	28° 9	17°11	27°13	26°50	25°28	0°40	22°57
T 7	7 42 24	26°18'48"	22°32	10°29	9°33	20°21	24°48	28°16	28°12	17°13	27°14	26°38	25°25	0°46	22°53
F 8	7 46 20	27°19'48"	4♍29	12° 7	10°36	21° 5	24°59	28°15	28°15	17°16	27°16	26°27	25°22	0°53	22°50
S 9	7 50 17	28°20'48"	16°30	13°44	11°39	21°48	25°10	28°14	28°18	17°18	27°17	26°17	25°18	1° 0	22°47
S 10	7 54 14	29°21'48"	28°40	15°18	12°43	22°32	25°21	28°12	28°21	17°20	27°19	26°10	25°15	1° 7	22°44
M11	7 58 10	0♋22'46"	11♋ 0	16°51	13°46	23°15	25°32	28°11	28°24	17°22	27°20	26° 6	25°12	1°13	22°42
T 12	8 2 7	1°23'44"	23°36	18°20	14°51	23°59	25°43	28°10	28°28	17°25	27°21	26° 4	25° 9	1°20	22°39
W13	8 6 3	2°24'41"	6♋31	19°47	15°55	24°42	25°54	28°10	28°31	17°27	27°23	26°D 4	25° 6	1°27	22°36
T 14	8 10 0	3°25'38"	19°50	21° 9	17° 0	25°26	26° 6	28° 9	28°34	17°29	27°24	26°R 4	25° 3	1°33	22°33
F 15	8 13 56	4°26'34"	3♌35	22°27	18° 5	26°10	26°17	28° 8	28°37	17°31	27°25	26° 4	24°59	1°40	22°31
S 16	8 17 53	5°27'29"	17°48	23°39	19°10	26°53	26°29	28° 8	28°40	17°34	27°26	26° 2	24°56	1°47	22°28
S 17	8 21 49	6°28'23"	2♌28	24°46	20°16	27°37	26°40	28° 8	28°44	17°36	27°27	25°58	24°53	1°54	22°26
M18	8 25 46	7°29'16"	17°31	25°46	21°22	28°21	26°52	28° 7	28°47	17°38	27°29	25°51	24°50	2° 0	22°23
T 19	8 29 43	8°30'09"	2♌49	26°38	22°28	29° 5	27° 4	28° 7	28°50	17°40	27°30	25°41	24°47	2° 7	22°21
W20	8 33 39	9°31'00"	18°10	27°21	23°34	29°48	27°16	28°D 7	28°54	17°42	27°31	25°30	24°43	2°14	22°19
T 21	8 37 36	10°31'49"	3♌22	27°56	24°40	0♌32	27°28	28° 7	28°57	17°44	27°32	25°19	24°40	2°20	22°16
F 22	8 41 32	11°32'37"	18°16	28°20	25°47	1°16	27°40	28° 8	29° 0	17°46	27°33	25° 9	24°37	2°27	22°14
S 23	8 45 29	12°33'24"	2♌43	28°34	26°53	2° 0	27°52	28° 8	29° 4	17°49	27°34	25° 1	24°34	2°34	22°12
S 24	8 49 25	13°34'09"	16°41	28°R38	28° 0	2°44	28° 5	28° 8	29° 7	17°51	27°35	24°57	24°31	2°41	22°10
M25	8 53 22	14°34'53"	0♌ 8	28°31	29° 7	3°28	28°17	28° 9	29°10	17°53	27°36	24°54	24°28	2°47	22° 8
T 26	8 57 18	15°35'35"	13° 7	28°13	0♌15	4°12	28°30	28°10	29°14	17°55	27°36	24°D53	24°24	2°54	22° 7
W27	9 1 15	16°36'15"	25°44	27°45	1°22	4°56	28°42	28°10	29°17	17°57	27°37	24°R53	24°21	3° 1	22° 5
T 28	9 5 12	17°36'53"	8♋ 2	27° 7	2°30	5°40	28°55	28°11	29°20	17°59	27°38	24°53	24°18	3° 7	22° 3
F 29	9 9 8	18°37'30"	20° 7	26°21	3°38	6°24	29° 7	28°12	29°24	18° 1	27°39	24°51	24°15	3°14	22° 2
S 30	9 13 5	19°38'05"	2♌ 3	25°27	4°45	7° 8	29°20	28°13	29°27	18° 3	27°40	24°46	24°12	3°21	22° 0
S 31	9 17 1	20°38'39"	13♌54	24°27	5♌53	7♌53	29°H33	28♌15	29°31	18♌5	27♌40	24♌38	24♌9	3♌28	21♋59

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♁		♂		♁		♃		♄																						
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat																					
F 1	21s59	23n21	1n12	22s 4	2s 0	17s20	3n37	22s58	0s12	3s37	1s14	17n59	1s56	12s55	0s44	21s51	0n35	7s11	12n42	19n39	19n15	24n43	16n54	6s26	21s50	25s32	2 13	21 38	3 35	23 3	0 12	3 33	1 14	17 58	1 56	12 54	0 44	21 50	0 35	7 11	12 42	19 39	19 14	24 42	16 54	6 26			
S 3	21 40	26 31	3 7	21 11	1 53	17 46	3 33	23 8	0 13	3 29	1 14	17 58	1 56	12 53	0 44	21 50	0 35	7 11	12 42	19 37	19 13	24 41	16 54	6 26	21 50	26 17	3 53	20 43	1 49	17 58	3 32	23 13	0 14	3 25	1 14	17 58	1 56	12 52	0 43	21 50	0 35	7 11	12 42	19 35	19 12	24 40	16 54	6 26	
M 4	21 30	26 17	3 53	20 43	1 49	17 58	3 32	23 13	0 14	3 25	1 14	17 58	1 56	12 52	0 43	21 50	0 35	7 11	12 42	19 35	19 12	24 40	16 54	6 26	21 50	24 50	4 28	20 13	1 44	18 10	3 30	23 17	0 15	3 20	1 14	17 58	1 55	12 51	0 43	21 49	0 35	7 11	12 43	19 33	19 12	24 38	16 54	6 26	
T 5	21 19	24 50	4 28	20 13	1 44	18 10	3 30	23 17	0 15	3 20	1 14	17 58	1 55	12 51	0 43	21 49	0 35	7 11	12 43	19 33	19 12	24 38	16 54	6 26	21 50	22 17	4 51	19 41	1 38	18 22	3 28	23 21	0 15	3 16	1 13	17 58	1 55	12 50	0 43	21 49	0 35	7 12	12 43	19 30	19 11	24 37	16 54	6 25	
W 6	21 8	22 17	4 51	19 41	1 38	18 22	3 28	23 21	0 15	3 16	1 13	17 58	1 55	12 50	0 43	21 49	0 35	7 12	12 43	19 30	19 11	24 37	16 54	6 25	21 50	20 57	5 3	19 8	1 32	18 33	3 26	23 25	0 16	3 11	1 13	17 58	1 55	12 49	0 43	21 49	0 35	7 12	12 43	19 27	19 10	24 36	16 54	6 25	
T 7	20 57	18 48	5 3	19 8	1 32	18 33	3 26	23 25	0 16	3 11	1 13	17 58	1 55	12 49	0 43	21 49	0 35	7 12	12 43	19 27	19 10	24 36	16 54	6 25	21 50	20 45	14 33	5 0	18 34	1 25	18 45	3 23	23 29	0 17	3 7	1 13	17 58	1 55	12 48	0 43	21 49	0 35	7 12	12 44	19 25	19 9	24 35	16 54	6 25
F 8	20 45	14 33	5 0	18 34	1 25	18 45	3 23	23 29	0 16	3 7	1 13	17 58	1 55	12 48	0 43	21 49	0 35	7 12	12 44	19 25	19 9	24 35	16 54	6 25	21 50	20 33	9 43	4 45	17 59	1 17	18 56	3 21	23 33	0 18	3 3	1 13	17 58	1 54	12 46	0 43	21 48	0 35	7 12	12 44	19 23	19 9	24 34	16 54	6 25
S 9	20 33	9 43	4 45	17 59	1 17	18 56	3 21	23 33	0 18	3 3	1 13	17 58	1 54	12 46	0 43	21 48	0 35	7 12	12 44	19 23	19 9	24 34	16 54	6 25	21 50	20 20	4 27	4 16	17 23	1 8	19 6	3 18	23 36	0 18	2 58	1 13	17 58	1 54	12 45	0 43	21 48	0 35	7 12	12 44	19 21	19 8	24 33	16 54	6 24
S 10	20 20	4 27	4 16	17 23	1 8	19 6	3 18	23 36	0 18	2 58	1 13	17 58	1 54	12 45	0 43	21 48	0 35	7 12	12 44	19 21	19 8	24 33	16 54	6 24	21 50	20 8	1s 4	3 36	16 46	0 59	19 17	3 16	23 39	0 19	2 53	1 13	17 58	1 54	12 44	0 43	21 48	0 35	7 12	12 45	19 20	19 7	24 32	16 55	6 24
M11	20 8	1s 4	3 36	16 46	0 59	19 17	3 16	23 39	0 19	2 53	1 13	17 58	1 54	12 44	0 43	21 48	0 35	7 12	12 45	19 20	19 7	24 32	16 55	6 24	21 50	19 41	12 7	1 42	15 31	0 37	19 36	3 10	23 44	0 20	2 44	1 12	17 58	1 53	12 42	0 43	21 47	0 35	7 12	12 45	19 19	19 6	24 30	16 55	6 24
T 12	19 54	6 39	2 44	16 9	0 49	19 27	3 13	23 42	0 20	2 49	1 12	17 58	1 53	12 43	0 43	21 47	0 35	7 12	12 45	19 19	19 6	24 30	16 55	6 24	21 50	19 54	12 7	1 42	15 31	0 37	19 36	3 10	23 44	0 20	2 44	1 12	17 58	1 53	12 42	0 43	21 47	0 35	7 12	12 45	19 19	19 6	24 29	16 55	6 24
W13	19 41	12 7	1 42	15 31	0 37	19 36	3 10	23 44	0 20	2 44	1 12	17 58	1 53	12 42	0 43	21 47	0 35	7 12																															

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	9 20 58	21 ³⁹ 10	25 ⁴⁵	23 ^R 23	7 ³ 2	8 ³ 37	29 ^H 46	28 ^B 16	29 ³ 34	18 ³ 7	27 ^M 41	24 ^R 28	24 ^B 5	3 ^U 34	21 ^R 57
T 2	9 24 54	22 ³⁹ 40	7 ^U 36	22 ³ 16	8 ¹⁰	9 ²¹	29 ⁵ 59	28 ¹⁷	29 ³⁷	18 ⁹	27 ⁴²	24 ^B 15	24 ²	3 ⁴ 1	21 ^{II} 56
W 3	9 28 51	23 ⁴⁰ 09	19 ³¹	21 ⁸	9 ¹⁹	10 ⁵	0 ^V 12	28 ¹⁹	29 ⁴¹	18 ¹¹	27 ⁴²	24 ⁰	23 ⁵ 2	3 ⁴ 8	21 ⁵ 55
T 4	9 32 47	24 ⁴⁰ 35	1 ^U 29	20 ¹	10 ²⁷	10 ⁵⁰	0 ²⁵	28 ²¹	29 ⁴⁴	18 ¹³	27 ⁴³	23 ⁴⁵	23 ⁵⁶	3 ⁵ 4	21 ⁵ 54
F 5	9 36 44	25 ⁴¹ 00	13 ³⁴	18 ⁵⁷	11 ³⁶	11 ³⁴	0 ³⁸	28 ²³	29 ⁴⁸	18 ¹⁵	27 ⁴³	23 ³¹	23 ⁵³	4 ¹	21 ⁵ 53
S 6	9 40 41	26 ⁴¹ 24	25 ⁴⁴	17 ⁵⁶	12 ⁴⁵	12 ¹⁸	0 ⁵¹	28 ²⁴	29 ⁵¹	18 ¹⁷	27 ⁴⁴	23 ¹⁹	23 ⁴⁹	4 ⁸	21 ⁵ 52
S 7	9 44 37	27 ⁴¹ 46	8 ³	17 ¹	13 ⁵⁴	13 ³	1 ⁴	28 ²⁶	29 ⁵⁵	18 ¹⁹	27 ⁴⁴	23 ⁹	23 ⁴⁶	4 ¹⁵	21 ⁵ 51
M 8	9 48 34	28 ⁴² 06	20 ³¹	16 ¹¹	15 ³	13 ⁴⁷	1 ¹⁸	28 ²⁹	29 ⁵⁸	18 ²⁰	27 ⁴⁵	23 ³	23 ⁴³	4 ²¹	21 ⁵ 51
T 9	9 52 30	29 ⁴² 25	3 ^M 11	15 ²⁸	16 ¹²	14 ³¹	1 ³¹	28 ³¹	0 ^H 2	18 ²²	27 ⁴⁵	23 ⁰	23 ⁴⁰	4 ²⁸	21 ⁵ 50
W10	9 56 27	0 ^H 42'42	16 ⁷	14 ⁵²	17 ²²	15 ¹⁶	1 ⁴⁵	28 ³³	0 ⁵	18 ²⁴	27 ⁴⁵	22 ⁵⁹	23 ³⁷	4 ³⁵	21 ⁴ 49
T 11	10 0 23	1 ⁴² 58	29 ²¹	14 ²³	18 ³¹	16 ⁰	1 ⁵⁸	28 ³⁶	0 ⁹	18 ²⁶	27 ⁴⁶	22 ⁵⁹	23 ³⁴	4 ⁴¹	21 ⁴ 49
F 12	10 4 20	2 ⁴³ 13	12 ⁷ 57	14 ¹	19 ⁴¹	16 ⁴⁵	2 ¹²	28 ³⁸	0 ¹²	18 ²⁸	27 ⁴⁶	22 ⁵⁸	23 ³⁰	4 ⁴⁸	21 ⁴ 49
S 13	10 8 16	3 ⁴³ 26	26 ⁵⁷	13 ⁴⁷	20 ⁵⁰	17 ²⁹	2 ²⁵	28 ⁴¹	0 ¹⁵	18 ²⁹	27 ⁴⁶	22 ⁵⁷	23 ²⁷	4 ⁵⁵	21 ⁴ 48
S 14	10 12 13	4 ⁴³ 37	11 ³ 21	13 ³⁹	22 ⁰	18 ¹⁴	2 ³⁹	28 ⁴⁴	0 ¹⁹	18 ³¹	27 ⁴⁶	22 ⁵³	23 ²⁴	5 ²	21 ⁴ 48
M15	10 16 10	5 ⁴³ 47	26 ⁶	13 ^D 38	23 ¹⁰	18 ⁵⁹	2 ⁵³	28 ⁴⁶	0 ²²	18 ³³	27 ⁴⁷	22 ⁴⁶	23 ²¹	5 ⁸	21 ⁴ 48
T 16	10 20 6	6 ⁴³ 55	11 ³ 8	13 ⁴³	24 ²⁰	19 ⁴³	3 ⁶	28 ⁴⁹	0 ²⁶	18 ³⁴	27 ⁴⁷	22 ³⁷	23 ¹⁸	5 ¹⁵	21 ^D 48
W17	10 24 3	7 ⁴⁴ 02	26 ¹⁷	13 ⁵⁴	25 ³⁰	20 ²⁸	3 ²⁰	28 ⁵²	0 ²⁹	18 ³⁶	27 ⁴⁷	22 ²⁶	23 ¹⁵	5 ²²	21 ⁴ 48
T 18	10 27 59	8 ⁴⁴ 07	11 ^H 23	14 ¹¹	26 ⁴⁰	21 ¹³	3 ³⁴	28 ⁵⁶	0 ³³	18 ³⁸	27 ⁴⁷	22 ¹⁵	23 ¹¹	5 ²⁸	21 ⁴ 48
F 19	10 31 56	9 ⁴⁴ 09	26 ¹⁶	14 ³³	27 ⁵⁰	21 ⁵⁷	3 ⁴⁸	28 ⁵⁹	0 ³⁶	18 ³⁹	27 ^R 47	22 ⁵	23 ⁸	5 ³⁵	21 ⁴ 48
S 20	10 35 52	10 ⁴⁴ 10	10 ^V 47	15 ¹	29 ⁰	22 ⁴²	4 ²	29 ²	0 ³⁹	18 ⁴¹	27 ⁴⁷	21 ⁵⁷	23 ⁵	5 ⁴²	21 ⁴ 49
S 21	10 39 49	11 ⁴⁴ 08	24 ⁵¹	15 ³³	0 ³ 11	23 ²⁷	4 ¹⁶	29 ⁶	0 ⁴³	18 ⁴²	27 ⁴⁷	21 ⁵¹	23 ²	5 ⁴⁹	21 ⁴ 49
M22	10 43 45	12 ⁴⁴ 05	8 ^B 26	16 ⁹	1 ²¹	24 ¹¹	4 ²⁹	29 ⁹	0 ⁴⁶	18 ⁴⁴	27 ⁴⁷	21 ⁴⁸	22 ⁵⁹	5 ⁵⁵	21 ⁵ 0
T 23	10 47 42	13 ⁴³ 59	21 ³²	16 ⁵⁰	2 ³¹	24 ⁵⁶	4 ⁴⁴	29 ¹³	0 ⁵⁰	18 ⁴⁶	27 ⁴⁷	21 ^D 48	22 ⁵⁵	6 ²	21 ⁵ 0
W24	10 51 39	14 ⁴³ 51	4 ^{II} 14	17 ³⁴	3 ⁴²	25 ⁴¹	4 ⁵⁸	29 ¹⁷	0 ⁵³	18 ⁴⁷	27 ⁴⁷	21 ⁴⁸	22 ⁵²	6 ⁹	21 ⁵ 1
T 25	10 55 35	15 ⁴³ 41	16 ³⁶	18 ²²	4 ⁵³	26 ²⁶	5 ¹²	29 ²¹	0 ⁵⁶	18 ⁴⁸	27 ⁴⁶	21 ^R 48	22 ⁴⁹	6 ¹⁵	21 ⁵ 2
F 26	10 59 32	16 ⁴³ 29	28 ⁴²	19 ¹³	6 ³	27 ¹¹	5 ²⁶	29 ²⁴	1 ⁰	18 ⁵⁰	27 ⁴⁶	21 ⁴⁷	22 ⁴⁶	6 ²²	21 ⁵ 2
S 27	11 3 28	17 ⁴³ 14	10 ³ 38	20 ⁸	7 ¹⁴	27 ⁵⁵	5 ⁴⁰	29 ²⁹	1 ³	18 ⁵¹	27 ⁴⁶	21 ⁴⁵	22 ⁴³	6 ²⁹	21 ⁵ 3
S 28	11 7 25	18 ^H 42'57	22 ³ 30	21 ³ 5	8 ³ 25	28 ³ 40	5 ^V 54	29 ^B 33	1 ^H 7	18 ⁵ 53	27 ^M 46	21 ^B 39	22 ^B 40	6 ^U 36	21 ^{II} 54

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat										
M 1	14s20	25n22	4n23	10s16	3n42	21s15	2n 4	23s48	0s35	1s 9	1s 9	18n 4	1s48	12s20	0s43	21s42	0n35	7s 9	12n52	18n56	18n51	24n 6	16n59	6s17	
T 2	14 0 23	2 4 47	10 35	3 45	21 16	2 0	23 46	0 36	1 4	1 9	18 5	1 48	12 19	0 43	21 42	0 35	7 9	12 52	18 53	18 50	24 4	16 59	6 17		
W 3	13 40 19	43 4	58 10	56 3	45 21	15 1	56 23	44 0	37 0	59 1	9 18	6 1	47 12	17 0	43 21	41 0	35 7	9 12	52 18	49 18	49 24	3 17	0 6	16	
T 4	13 20 15	35 4	56 11	35 19	3 43	21 14	1 52	23 41	0 37	0 53	1 9	18 6	1 47	12 16	0 43	21 41	0 35	7 8	12 53	18 46	18 48	24 2	17 0	6	16
F 5	13 0 10	48 4	41 11	43 3	39 21	13 1	48 23	38 0	38 0	48 1	9 18	7 1	47 12	15 0	43 21	41 0	35 7	8 12	53 18	42 18	48 24	0 17	0 6	16	
S 6	12 39 5	34 4	13 12	7 3	33 21	10 1	44 23	35 0	39 0	43 1	9 18	8 1	47 12	14 0	43 21	41 0	35 7	8 12	53 18	39 18	47 23	59 17	1 6	15	
S 7	12 18 0	4 3	33 12	31 3	26 21	8 1	40 23	31 0	40 0	37 1	9 18	8 1	46 12	12 0	43 21	40 0	35 7	8 12	54 18	37 18	46 23	57 17	1 6	15	
M 8	11 57 5	5s32	2 42	12 54	3 17	21 4	1 35	23 28	0 41	0 32	1 9	18 9	1 46	12 11	0 43	21 40	0 35 7	7 12	54 18	35 18	45 23	56 17	2 6	14	
T 9	11 36 11	0 1	43 13	17 3	6 21	0 1	31 23	24 0	41 0	26 1	8 18	10 1	46 12	10 0	43 21	40 0	35 7	7 12	55 18	34 18	44 23	55 17	2 6	14	
W10	11 15 16	8 0	36 13	38 2	55 20	56 1	27 23	20 0	42 0	21 1	8 18	11 1	46 12	9 0	43 21	40 0	35 7	7 12	55 18	34 18	44 23	53 17	2 6	14	
T 11	10 54 20	37 0	s34 13	58 2	42 20	51 1	23 23	15 0	43 0	16 1	8 18	11 1	45 12	8 0	43 21	39 0	35 7	7 12	55 18	34 18	43 23	52 17	3 6	13	
F 12	10 32 24	8 1	44 14	17 2	30 20	45 1	19 23	11 0	44 0	10 1	8 18	12 1	45 12	6 0	43 21	39 0	35 7	6 12	56 18	34 18	42 23	51 17	3 6	13	
S 13	10 10 26	17 2	49 14	34 2	16 20	39 1	15 23	6 0	45 0	5 1	8 18	13 1	45 12	5 0	43 21	39 0	35 7	6 12	56 18	34 18	41 23	49 17	4 6	12	
S 14	9 48 26	46 3	46 14	49 2	3 20	32 1	11 23	1 0	45 0	n 1	1 8	18 14	1 44	12 4	0 43	21 39	0 35 7	6 12	56 18	33 18	41 23	48 17	4 6	12	
M15	9 26 25	24 4	29 15	2 1	49 20	25 1	7 22	55 0	46 0	6 1	8 18	15 1	44 12	3 0	43 21	38 0	35 7	5 12	57 18	31 18	40 23	46 17	4 6	11	
T 16	9 4 22	12 4	55 15	14 1	36 20	17 1	2 22	50 0	47 0	12 1	8 18	16 1	44 12	1 0	43 21	38 0	35 7	5 12	57 18	28 18	39 23	45 17	5 6	11	
W17	8 42 17	29 5	0 15	23 1	22 20	9 0	58 22	44 0	48 0	18 1	8 18	17 1	44 12	0 0	43 21	38 0	35 7	5 12	57 18	26 18	38 23	44 17	5 6	10	
T 18	8 19 11	42 4	45 15	31 1	9 20 0	0 54	22 38	0 49	0 23	1 8	18 18	1 43	11 59	0 43	21 38	0 35 7	4 12	58 18	23 18	37 23	42 17	6 6	10		
F 19	7 56 5	18 4	10 15	37 0	56 19	50 0	50 22	31 0	49 0	29 1	8 18	18 1	43 11	58 0	43 21	38 0	35 7	4 12	58 18	20 18	37 23	41 17	6 6	10	
S 20	7 34 1n	14 3	19 15	42 0	43 19	40 0	46 22	25 0	50 0	34 1	7 18	19 1	43 11	57 0	43 21	37 0	35 7	4 12	58 18	18 18	36 23	39 17	7 6	9	
S 21	7 11 7	31 2	18 15	44 0	30 19	29 0	42 22	18 0	51 0	40 1	7 18	20 1	43 11	55 0	43 21	37 0	35 7	3 12	59 18	17 18	35 23	38 17	7 6	9	
M22	6 48 13	15 1	10 15	45 0	18 19	18 0	38 22	11 0	52 0	46 1	7 18	21 1	42 11	54 0	43 21	37 0	35 7	3 12	59 18	16 18	34 23	36 17	8 6	8	
T 23	6 25 18	11 0	1 15	44 0	6 19	6 0	34 22	4 0	53 0	51 1	7 18	23 1	42 11	53 0	43 21	37 0	35 7	3 13	0 18	16 18	33 23	35 17	8 6	8	
W24	6 2 22	8 1n	6 15	42 0	s 5 18	53 0	30 21	56 0	53 0	57															

SWISS EPHEMERIS for the year 1501

MARCH 1501 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	11 11 21	19 ^h 42'38"	4 ^h 02'	22 ^h 55'	9 ^h 36'	29 ^h 25'	6 ^h 08'	29 ^h 37'	1 ^h 10'	18 ^h 54'	27 ^h 45'	21 ^h 32'	22 ^h 36'	6 ^h 42'	21 ^h 55'
T 2	11 15 18	20 ^h 42'16"	16 ^h 13'	23 ^h 08'	10 ^h 47'	0 ^h 10'	6 ^h 22'	29 ^h 41'	1 ^h 13'	18 ^h 55'	27 ^h 45'	21 ^h 32'	22 ^h 33'	6 ^h 49'	21 ^h 57'
W 3	11 19 14	21 ^h 41'53"	28 ^h 12'	24 ^h 13'	11 ^h 57'	0 ^h 55'	6 ^h 37'	29 ^h 46'	1 ^h 16'	18 ^h 57'	27 ^h 45'	21 ^h 11'	22 ^h 30'	6 ^h 56'	21 ^h 58'
T 4	11 23 11	22 ^h 41'27"	10 ^h 17'	25 ^h 20'	13 ^h 08'	1 ^h 40'	6 ^h 51'	29 ^h 50'	1 ^h 20'	18 ^h 58'	27 ^h 44'	20 ^h 59'	22 ^h 27'	7 ^h 02'	21 ^h 59'
F 5	11 27 08	23 ^h 40'59"	22 ^h 32'	26 ^h 30'	14 ^h 20'	2 ^h 25'	7 ^h 05'	29 ^h 55'	1 ^h 23'	18 ^h 59'	27 ^h 44'	20 ^h 49'	22 ^h 24'	7 ^h 09'	22 ^h 01'
S 6	11 31 04	24 ^h 40'29"	4 ^h 55'	27 ^h 42'	15 ^h 31'	3 ^h 10'	7 ^h 20'	29 ^h 59'	1 ^h 26'	19 ^h 00'	27 ^h 43'	20 ^h 39'	22 ^h 20'	7 ^h 16'	22 ^h 02'
S 7	11 35 01	25 ^h 39'57"	17 ^h 29'	28 ^h 56'	16 ^h 42'	3 ^h 55'	7 ^h 34'	0 ^h 11'	1 ^h 29'	19 ^h 01'	27 ^h 43'	20 ^h 32'	22 ^h 17'	7 ^h 23'	22 ^h 04'
M 8	11 38 57	26 ^h 39'23"	0 ^h 11'	0 ^h 12'	17 ^h 53'	4 ^h 40'	7 ^h 48'	0 ^h 09'	1 ^h 33'	19 ^h 03'	27 ^h 42'	20 ^h 28'	22 ^h 14'	7 ^h 29'	22 ^h 05'
T 9	11 42 54	27 ^h 38'47"	13 ^h 09'	1 ^h 29'	19 ^h 04'	5 ^h 25'	8 ^h 03'	0 ^h 14'	1 ^h 36'	19 ^h 04'	27 ^h 42'	20 ^h 26'	22 ^h 11'	7 ^h 36'	22 ^h 07'
W10	11 46 50	28 ^h 38'10"	26 ^h 17'	2 ^h 49'	20 ^h 16'	6 ^h 10'	8 ^h 17'	0 ^h 19'	1 ^h 39'	19 ^h 05'	27 ^h 41'	20 ^h D26	22 ^h 08'	7 ^h 43'	22 ^h 09'
T 11	11 50 47	29 ^h 37'30"	9 ^h 13'	4 ^h 10'	21 ^h 27'	6 ^h 55'	8 ^h 31'	0 ^h 24'	1 ^h 42'	19 ^h 06'	27 ^h 41'	20 ^h 27'	22 ^h 05'	7 ^h 49'	22 ^h 11'
F 12	11 54 43	0 ^h Y36'49"	23 ^h 17'	5 ^h 33'	22 ^h 38'	7 ^h 40'	8 ^h 46'	0 ^h 29'	1 ^h 45'	19 ^h 07'	27 ^h 40'	20 ^h 28'	22 ^h 01'	7 ^h 56'	22 ^h 13'
S 13	11 58 40	1 ^h 36'06"	7 ^h 31'	6 ^h 57'	23 ^h 50'	8 ^h 25'	9 ^h 00'	0 ^h 34'	1 ^h 48'	19 ^h 08'	27 ^h 39'	20 ^h R28	21 ^h 58'	8 ^h 03'	22 ^h 15'
S 14	12 02 37	2 ^h 35'22"	21 ^h 22'	8 ^h 24'	25 ^h 01'	9 ^h 10'	9 ^h 15'	0 ^h 39'	1 ^h 52'	19 ^h 09'	27 ^h 38'	20 ^h 26'	21 ^h 55'	8 ^h 10'	22 ^h 17'
M15	12 06 33	3 ^h 34'35"	5 ^h 33'	9 ^h 51'	26 ^h 13'	9 ^h 55'	9 ^h 29'	0 ^h 45'	1 ^h 55'	19 ^h 10'	27 ^h 38'	20 ^h 23'	21 ^h 52'	8 ^h 16'	22 ^h 20'
T 16	12 10 30	4 ^h 33'47"	20 ^h 27'	11 ^h 21'	27 ^h 24'	10 ^h 41'	9 ^h 43'	0 ^h 50'	1 ^h 58'	19 ^h 11'	27 ^h 37'	20 ^h 17'	21 ^h 49'	8 ^h 23'	22 ^h 22'
W17	12 14 26	5 ^h 32'57"	5 ^h 12'	12 ^h 52'	28 ^h 36'	11 ^h 26'	9 ^h 58'	0 ^h 56'	2 ^h 01'	19 ^h 12'	27 ^h 36'	20 ^h 11'	21 ^h 46'	8 ^h 30'	22 ^h 24'
T 18	12 18 23	6 ^h 32'05"	19 ^h 55'	14 ^h 24'	29 ^h 48'	12 ^h 11'	10 ^h 12'	1 ^h 01'	2 ^h 04'	19 ^h 12'	27 ^h 35'	20 ^h 04'	21 ^h 42'	8 ^h 37'	22 ^h 27'
F 19	12 22 19	7 ^h 31'11"	4 ^h Y29'	15 ^h 58'	0 ^h Y59'	12 ^h 56'	10 ^h 27'	1 ^h 07'	2 ^h 07'	19 ^h 13'	27 ^h 34'	19 ^h 57'	21 ^h 39'	8 ^h 43'	22 ^h 29'
S 20	12 26 16	8 ^h 30'14"	18 ^h 48'	17 ^h 33'	2 ^h 11'	13 ^h 41'	10 ^h 41'	1 ^h 13'	2 ^h 10'	19 ^h 14'	27 ^h 33'	19 ^h 52'	21 ^h 36'	8 ^h 50'	22 ^h 32'
S 21	12 30 12	9 ^h 29'16"	2 ^h Y45'	19 ^h 10'	3 ^h 23'	14 ^h 26'	10 ^h 56'	1 ^h 18'	2 ^h 13'	19 ^h 15'	27 ^h 33'	19 ^h 49'	21 ^h 33'	8 ^h 57'	22 ^h 35'
M22	12 34 09	10 ^h 28'16"	16 ^h 18'	20 ^h 49'	4 ^h 35'	15 ^h 12'	11 ^h 10'	1 ^h 24'	2 ^h 15'	19 ^h 15'	27 ^h 32'	19 ^h D48	21 ^h 30'	9 ^h 03'	22 ^h 38'
T 23	12 38 5	11 ^h 27'13"	29 ^h 26'	22 ^h 29'	5 ^h 46'	15 ^h 57'	11 ^h 25'	1 ^h 30'	2 ^h 18'	19 ^h 16'	27 ^h 31'	19 ^h 48'	21 ^h 26'	9 ^h 10'	22 ^h 40'
W24	12 42 02	12 ^h 26'09"	12 ^h 11'	24 ^h 10'	6 ^h 58'	16 ^h 42'	11 ^h 39'	1 ^h 36'	2 ^h 21'	19 ^h 17'	27 ^h 30'	19 ^h 49'	21 ^h 23'	9 ^h 17'	22 ^h 43'
T 25	12 45 59	13 ^h 25'02"	24 ^h 38'	25 ^h 53'	8 ^h 10'	17 ^h 27'	11 ^h 54'	1 ^h 42'	2 ^h 24'	19 ^h 17'	27 ^h 29'	19 ^h 51'	21 ^h 20'	9 ^h 24'	22 ^h 46'
F 26	12 49 55	14 ^h 23'52"	6 ^h 34'	27 ^h 37'	9 ^h 22'	18 ^h 12'	12 ^h 08'	1 ^h 48'	2 ^h 27'	19 ^h 18'	27 ^h 27'	19 ^h 52'	21 ^h 17'	9 ^h 30'	22 ^h 50'
S 27	12 53 52	15 ^h 22'41"	18 ^h 47'	29 ^h 23'	10 ^h 34'	18 ^h 57'	12 ^h 23'	1 ^h 55'	2 ^h 29'	19 ^h 18'	27 ^h 26'	19 ^h R52	21 ^h 14'	9 ^h 37'	22 ^h 53'
S 28	12 57 48	16 ^h 21'27"	0 ^h Y40'	1 ^h Y11'	11 ^h 46'	19 ^h 43'	12 ^h 37'	2 ^h 01'	2 ^h 32'	19 ^h 19'	27 ^h 25'	19 ^h 51'	21 ^h 11'	9 ^h 44'	22 ^h 56'
M29	13 01 45	17 ^h 20'11"	12 ^h 32'	3 ^h 00'	12 ^h 58'	20 ^h 28'	12 ^h 51'	2 ^h 07'	2 ^h 35'	19 ^h 19'	27 ^h 24'	19 ^h 49'	21 ^h 07'	9 ^h 50'	22 ^h 59'
T 30	13 05 41	18 ^h 18'52"	24 ^h 28'	4 ^h 50'	14 ^h 10'	21 ^h 13'	13 ^h 06'	2 ^h 14'	2 ^h 38'	19 ^h 20'	27 ^h 23'	19 ^h 45'	21 ^h 04'	9 ^h 57'	23 ^h 03'
W31	13 09 38	19 ^h Y17'32"	6 ^h Y30'	6 ^h Y43'	15 ^h Y22'	21 ^h Y58'	13 ^h Y20'	2 ^h Y20'	2 ^h Y40'	19 ^h Y20'	27 ^h Y22'	19 ^h Y40'	21 ^h Y01'	10 ^h Y43'	23 ^h Y06'

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	4s 5	23n55	4n50	15s 4	0s56	17s43	0n11	21s16	0s57	1n25	1s 7	18n29	1s41	11s46	0s43	21s35	0n35	7s 0	13n 2	18n12	18n28	23n26	17n11	6s 5
T 2	3 42	20 49	5 2	14 52	1 5	17 28	0 7	21 7	0 58	1 31	1 7	18 30	1 40	11 45	0 43	21 35	0 35	7 0	13 2	18 9	18 28	23 25	17 11	6 5
W 3	3 18	16 50	5 1	14 38	1 13	17 12	0 3	20 58	0 59	1 37	1 7	18 31	1 40	11 44	0 43	21 35	0 35	6 59	13 2	18 6	18 27	23 23	17 12	6 4
T 4	2 55	12 9	4 47	14 23	1 21	16 55	0s 0	20 49	1 0	1 42	1 7	18 33	1 40	11 42	0 43	21 35	0 35	6 59	13 3	18 3	18 26	23 21	17 13	6 4
F 5	2 31	6 56	4 19	14 6	1 29	16 38	0 4	20 40	1 1	1 48	1 7	18 34	1 40	11 41	0 43	21 35	0 35	6 59	13 3	18 0	18 25	23 20	17 13	6 3
S 6	2 7	1 23	3 38	13 48	1 36	16 21	0 7	20 30	1 1	1 54	1 7	18 35	1 40	11 40	0 43	21 35	0 35	6 58	13 3	17 58	18 24	23 18	17 14	6 3
S 7	1 44	4s19	2 47	13 28	1 42	16 3	0 11	20 20	1 2	1 59	1 7	18 36	1 39	11 39	0 43	21 34	0 35	6 58	13 4	17 56	18 24	23 17	17 14	6 3
M 8	1 20	9 55	1 46	13 7	1 48	15 45	0 14	20 10	1 3	2 5	1 6	18 37	1 39	11 38	0 43	21 34	0 35	6 57	13 4	17 55	18 23	23 15	17 15	6 2
T 9	0 56	15 12	0 39	12 45	1 54	15 26	0 18	20 0	1 4	2 11	1 6	18 39	1 39	11 37	0 43	21 34	0 35	6 57	13 4	17 54	18 22	23 14	17 15	6 2
W10	0 33	19 53	0s31	12 21	1 59	15 7	0 21	19 50	1 5	2 17	1 6	18 40	1 39	11 36	0 43	21 34	0 35	6 57	13 5	17 54	18 21	23 12	17 16	6 1
T 11	0 9	23 38	1 42	11 56	2 4	14 47	0 25	19 39	1 5	2 22	1 6	18 41	1 38	11 34	0 43	21 34	0 35	6 56	13 5	17 55	18 20	23 11	17 16	6 1
F 12	0n15	26 7	2 47	11 29	2 8	14 27	0 28	19 28	1 6	2 28	1 6	18 42	1 38	11 33	0 43	21 34	0 35	6 56	13 5	17 55	18 19	23 9	17 17	6 0
S 13	0 38	27 3	3 45	11 1	2 12	14 6	0 31	19 17	1 7	2 34	1 6	18 44	1 38	11 32	0 43	21 33	0 35	6 55	13 5	17 55	18 19	23 7	17 17	6 0
S 14	1 2	26 14	4 29	10 32	2 15	13 45	0 34	19 6	1 8	2 40	1 6	18 45	1 38	11 31	0 44	21 33	0 35	6 55	13 6	17 54	18 18	23 6	17 18	6 0
M15	1 26	23 41	4 58	10 2	2 18	13 24	0 37	18 55	1 9	2 45	1 6	18 46	1 38	11 30	0 44	21 33	0 35	6 54	13 6	17 53	18 17	23 4	17 18	5 59
T 16	1 49	19 34	5 8	9 30	2 21	13 2	0 40	18 43	1 9	2 51	1 6	18 48	1 37	11 29	0 44	21 33	0 35	6 54	13 6	17 52	18 16	23 3	17 19	5 59
W17	2 13	14 14	4 57	8 57	2 23	12 40	0 43	18 31	1 10	2 57	1 6	18 49	1 37	11 28	0 44	21 33	0 35	6 53	13 7	17 50	18 15	23 1	17 19	5 58
T 18	2 36	8 6	4 27	8 22	2 24	12 18	0 46	18 19	1 11	3 2														

SWISS EPHEMERIS for the year 1501

APRIL 1501 JC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	13 13 34	20°16'09"	18°42'	8°36'	16°34'	22°43'	13°35'	2°26'	2°43'	19°21'	27°21'	19°35'	20°58'	10°11'	23°10'
F 2	13 17 31	21°14'44"	18°06'	10°32'	17°46'	23°28'	13°49'	2°33'	2°45'	19°21'	27°19'	19°30'	20°55'	10°17'	23°13'
S 3	13 21 28	22°13'17"	13°43'	12°28'	18°58'	24°14'	14°04'	2°40'	2°48'	19°21'	27°18'	19°26'	20°52'	10°24'	23°17'
S 4	13 25 24	23°11'48"	26°35'	14°27'	20°10'	24°59'	14°18'	2°46'	2°50'	19°22'	27°17'	19°23'	20°48'	10°31'	23°20'
M 5	13 29 21	24°10'17"	9°40'	16°27'	21°22'	25°44'	14°32'	2°53'	2°53'	19°22'	27°16'	19°21'	20°45'	10°37'	23°24'
T 6	13 33 17	25°08'44"	22°58'	18°28'	22°34'	26°29'	14°47'	3°00'	2°55'	19°22'	27°14'	19°21'	20°42'	10°44'	23°28'
W 7	13 37 14	26°07'10"	6°28'	20°31'	23°46'	27°14'	15°01'	3°06'	2°58'	19°22'	27°13'	19°22'	20°39'	10°51'	23°32'
T 8	13 41 10	27°05'34"	20°10'	22°35'	24°59'	28°00'	15°15'	3°13'	3°00'	19°22'	27°12'	19°23'	20°36'	10°58'	23°36'
F 9	13 45 07	28°03'56"	4°02'	24°40'	26°11'	28°45'	15°29'	3°20'	3°02'	19°23'	27°10'	19°25'	20°32'	11°04'	23°40'
S 10	13 49 03	29°02'17"	18°04'	26°46'	27°23'	29°30'	15°44'	3°27'	3°05'	19°23'	27°09'	19°26'	20°29'	11°11'	23°44'
S 11	13 53 00	0°03'36"	2°13'	28°54'	28°35'	0°15'	15°58'	3°34'	3°07'	19°23'	27°07'	19°26'	20°26'	11°18'	23°48'
M 12	13 56 57	0°58'54"	16°29'	1°02'	29°48'	1°00'	16°12'	3°41'	3°09'	19°23'	27°06'	19°25'	20°23'	11°25'	23°52'
T 13	14 0 53	1°57'10"	0°48'	3°11'	1°00'	1°45'	16°26'	3°48'	3°11'	19°23'	27°05'	19°24'	20°20'	11°31'	23°57'
W 14	14 4 50	2°55'25"	15°06'	5°20'	2°12'	2°30'	16°41'	3°55'	3°13'	19°23'	27°03'	19°22'	20°17'	11°38'	24°01'
T 15	14 8 46	3°53'38"	29°21'	7°30'	3°25'	3°15'	16°55'	4°02'	3°16'	19°23'	27°02'	19°20'	20°13'	11°45'	24°05'
F 16	14 12 43	4°51'49"	13°28'	9°39'	4°37'	4°01'	17°09'	4°09'	3°18'	19°22'	27°00'	19°18'	20°10'	11°51'	24°10'
S 17	14 16 39	5°49'59"	27°21'	11°48'	5°49'	4°46'	17°23'	4°17'	3°20'	19°22'	26°59'	19°17'	20°07'	11°58'	24°14'
S 18	14 20 36	6°48'07"	11°00'	13°56'	7°02'	5°31'	17°37'	4°24'	3°22'	19°22'	26°57'	19°16'	20°04'	12°05'	24°19'
M 19	14 24 32	7°46'14"	24°19'	16°03'	8°14'	6°16'	17°51'	4°31'	3°23'	19°22'	26°56'	19°16'	20°01'	12°12'	24°23'
T 20	14 28 29	8°44'19"	7°20'	18°10'	9°26'	7°01'	18°05'	4°38'	3°25'	19°22'	26°54'	19°16'	19°58'	12°18'	24°28'
W 21	14 32 26	9°42'22"	20°03'	20°14'	10°39'	7°46'	18°19'	4°46'	3°27'	19°21'	26°53'	19°17'	19°54'	12°25'	24°33'
T 22	14 36 22	10°40'23"	22°28'	22°17'	11°51'	8°31'	18°33'	4°53'	3°29'	19°21'	26°51'	19°18'	19°51'	12°32'	24°37'
F 23	14 40 19	11°38'22"	14°39'	24°17'	13°04'	9°16'	18°47'	5°01'	3°31'	19°21'	26°49'	19°19'	19°48'	12°38'	24°42'
S 24	14 44 15	12°36'20"	26°40'	26°16'	14°16'	10°01'	19°00'	5°08'	3°33'	19°20'	26°48'	19°19'	19°45'	12°45'	24°47'
S 25	14 48 12	13°34'15"	8°35'	28°11'	15°29'	10°46'	19°14'	5°16'	3°34'	19°20'	26°46'	19°20'	19°42'	12°52'	24°52'
M 26	14 52 08	14°32'09"	20°28'	0°11'	16°41'	11°30'	19°28'	5°23'	3°36'	19°20'	26°45'	19°20'	19°38'	12°59'	24°57'
T 27	14 56 05	15°30'01"	2°12'	1°55'	17°54'	12°15'	19°42'	5°31'	3°37'	19°19'	26°43'	19°19'	19°35'	13°05'	25°02'
W 28	15 0 01	16°27'51"	14°28'	3°42'	19°06'	13°00'	19°55'	5°38'	3°39'	19°19'	26°41'	19°19'	19°32'	13°12'	25°07'
T 29	15 03 58	17°25'40"	26°44'	5°26'	20°19'	13°45'	20°09'	5°46'	3°41'	19°18'	26°40'	19°19'	19°29'	13°19'	25°12'
F 30	15 07 55	18°23'26"	9°14'	7°11'	21°31'	14°30'	20°23'	5°53'	3°42'	19°18'	26°38'	19°19'	19°26'	13°26'	25°17'

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	7n57	8n40	4n33	1n43	1s52	6s32	1s20	15s16	1s22	4n22	1s6	19n10	1s34	11s13	0s44	21s31	0n35	6s47	13n10	17n41	18n3	22n36	17n28	5s53
F 2	8 19	3 8	3 54	2 34	1 45	6 6	1 21	15 2	1 22	4 27	1 6	19 11	1 34	11 12	0 44	21 31	0 35	6 46	13 11	17 39	18 2	22 35	17 28	5 52
S 3	8 41	2s37	3 3	3 25	1 39	5 39	1 23	14 47	1 23	4 33	1 6	19 13	1 34	11 11	0 44	21 31	0 35	6 46	13 11	17 38	18 1	22 33	17 29	5 52
S 4	9 2	8 23	2 2	4 18	1 32	5 12	1 25	14 33	1 24	4 38	1 6	19 14	1 34	11 10	0 44	21 31	0 35	6 45	13 11	17 37	18 0	22 31	17 29	5 52
M 5	9 24	13 55	0 53	5 11	1 24	4 45	1 26	14 18	1 25	4 44	1 6	19 16	1 34	11 10	0 44	21 31	0 35	6 45	13 11	17 37	17 59	22 29	17 30	5 51
T 6	9 45	18 53	0s20	6 5	1 16	4 18	1 28	14 3	1 25	4 49	1 6	19 17	1 33	11 9	0 44	21 31	0 35	6 44	13 11	17 37	17 59	22 28	17 30	5 51
W 7	10 7	22 58	1 33	6 59	1 8	3 51	1 29	13 49	1 26	4 55	1 6	19 19	1 33	11 8	0 44	21 31	0 35	6 44	13 11	17 37	17 58	22 26	17 31	5 50
T 8	10 28	25 49	2 41	7 54	0 59	3 23	1 31	13 34	1 27	5 0	1 6	19 20	1 33	11 7	0 44	21 31	0 35	6 43	13 12	17 37	17 57	22 24	17 31	5 50
F 9	10 49	27 8	3 42	8 49	0 50	2 56	1 32	13 18	1 27	5 6	1 6	19 22	1 33	11 6	0 44	21 31	0 35	6 43	13 12	17 38	17 56	22 22	17 32	5 50
S 10	11 10	26 44	4 29	9 44	0 40	2 28	1 33	13 3	1 28	5 11	1 6	19 23	1 33	11 5	0 44	21 31	0 35	6 43	13 12	17 38	17 55	22 21	17 32	5 50
S 11	11 30	24 36	5 1	10 39	0 30	2 0	1 34	12 48	1 29	5 17	1 6	19 25	1 33	11 5	0 44	21 31	0 35	6 42	13 12	17 38	17 54	22 19	17 33	5 49
M 12	11 51	20 56	5 15	11 33	0 20	1 32	1 35	12 33	1 29	5 22	1 6	19 26	1 32	11 4	0 44	21 31	0 35	6 42	13 12	17 38	17 54	22 17	17 33	5 49
T 13	12 11	16 2	5 9	12 28	0 9	1 4	1 36	12 17	1 30	5 28	1 6	19 27	1 32	11 3	0 44	21 31	0 35	6 41	13 12	17 38	17 53	22 15	17 34	5 49
W 14	12 31	10 15	4 44	13 21	0n1	0 36	1 37	12 1	1 31	5 33	1 6	19 29	1 32	11 2	0 44	21 31	0 35	6 41	13 12	17 37	17 52	22 13	17 34	5 48
T 15	12 51	3 57	4 2	14 14	0 12	0 8	1 38	11 46	1 32	5 39	1 6	19 30	1 32	11 2	0 44	21 31	0 35	6 40	13 12	17 37	17 51	22 12	17 35	5 48
F 16	13 11	2n29	3 5	15 6	0 23	0n20	1 39	11 30	1 32	5 44	1 6	19 32	1 32	11 1	0 44	21 31	0 35	6 40	13 13	17 36	17 50	22 10	17 35	5 48
S 17	13 30	8 43	1 58	15 57	0 33	0 48	1 39	11 14	1 33	5 49	1 6	19 33	1 32	11 0	0 44	21 31	0 35	6 40	13 13	17 36	17 49	22 8	17 36	5 47
S 18	13 49	14 27	0 46	16 46	0 44	1 16	1 40	10 58	1 34	5 55	1 6	19 35	1 32	11 0	0 44	21 31	0 35	6 39	13 13	17 35	17 48	22 6	17 36	5 47
M 19	14 8	19 21	0n28	17 33	0 54	1 44	1 40	10 42	1 34	6 0	1 6	19 36	1 31	10 59	0 44	21 31	0 35	6 39	13 13	17 35	17 48	22 4	17 37	5 47
T 20	14 27	23 13	1 38	18 19	1 4	2 12	1 41	10 26	1 35	6 5	1 6	19 38	1 31	10 58	0 45	21 31	0 35	6 38	13 13	17 36	17 47	22 3	17 37	5 47
W 21	14 46	25 50	2 42	19 2	1 14	2 41	1 41	10 9	1 35	6 11	1 6	19 39	1 31	10 58	0 45	21 31	0 35	6 38	13 13	17 36	17 46	22 1	17 37	5 46
T 22	15 4	27 6	3 37	19 43	1 23	3 9	1 41	9 53	1 36	6 16	1 7	19 41	1 31	10 57	0 45	21 31	0 35	6 38	13 13	17 36	17 45	21 59	17 38	5 46
F 23	15 22	27 1	4 21	20 22	1 32	3 37	1 42	9 37	1 37	6 21	1 7	19 42	1 31	10 56	0 45	21 31	0 35	6 37	13 13	17 36	17 44	21 57	17 38	5 46
S 24	15 40	25 39	4 52	20 59	1 40	4 5	1 42	9 20	1 37	6 26	1 7	19 44	1 31	10 56	0 45	21 31	0 35	6 37	13 13	17 36	17 43	21 55	17 39	5 46
S 25	15 57	23 10	5 11	21 33	1 47	4 33	1 42	9 4	1 38	6 31	1 7	19 45	1 31	10 55	0 45	21 31	0 35	6 37	13 13	17 36	17 42	21 53	17 39	5 45
M 26	16 15	19 42	5 17	22 5	1 54	5 1	1 42	8 47	1 39	6 37	1 7	19 46	1 31	10 55	0 45	21 31	0 35	6 36	13 13	17 36	17 42	21 52	17 40	5 45
T 27	16 32	15 26	5 8	22 34	2 0	5 28	1 42	8 31	1 39	6 42	1 7	19 48	1 30	10 54	0 45	21 31	0 35	6 36	13 13	17 36	17 41	21 50	17 40	5 45
W 28	16 48	10 32	4 47	23 1	2 6	5 56	1 41	8 14	1 40	6 47	1 7	19 49	1 30	10 54	0 45	21 32	0 35	6 35	13 13	17 36	17 40	21 48	17 40	5 45
T 29	17 5	5 9	4 12	23 25	2 11	6 24	1 41	7 57	1 40	6 52	1 7	19 51	1 30	10 53	0 45	21 32	0 35	6 35	13 13	17 36	17 39	21		

SWISS EPHEMERIS for the year 1501

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	15 11 51	19°21'12	22°51	8°11'45	22°44	15°14	20°36	6°11	3°43	19°17	26°37	19°19	19°23	13°32	25°22
S 2	15 15 48	20°18'55	5°11	10°19	23°56	15°59	20°50	6°09	3°45	19°16	26°35	19°19	19°19	13°39	25°27
M 3	15 19 44	21°16'37	18°32	11°50	25°09	16°44	21°03	6°16	3°46	19°16	26°33	19°19	19°16	13°46	25°33
T 4	15 23 41	22°14'18	2°14	13°18	26°21	17°28	21°16	6°24	3°47	19°15	26°32	19°19	19°13	13°52	25°38
W 5	15 27 37	23°11'58	16°12	14°42	27°34	18°13	21°30	6°32	3°49	19°14	26°30	19°19	19°10	13°59	25°43
T 6	15 31 34	24°09'36	0°21	16°02	28°47	18°58	21°43	6°39	3°50	19°14	26°28	19°18	19°07	14°06	25°48
F 7	15 35 30	25°07'14	14°37	17°19	29°59	19°42	21°56	6°47	3°51	19°13	26°27	19°17	19°03	14°13	25°54
S 8	15 39 27	26°04'50	28°57	18°33	1°12	20°27	22°09	6°55	3°52	19°12	26°25	19°17	19°00	14°19	25°59
S 9	15 43 24	27°02'25	13°17	19°43	2°25	21°11	22°23	7°03	3°53	19°11	26°23	19°16	18°57	14°26	26°05
M10	15 47 20	28°00'00	27°33	20°49	3°37	21°56	22°36	7°10	3°54	19°10	26°22	19°16	18°54	14°33	26°10
T 11	15 51 17	28°57'33	11°42	21°51	4°50	22°40	22°49	7°18	3°55	19°10	26°20	19°16	18°51	14°40	26°16
W12	15 55 13	29°55'06	25°43	22°49	6°03	23°24	23°01	7°26	3°56	19°09	26°18	19°17	18°48	14°46	26°21
T 13	15 59 10	0°11'52'38	9°33	23°44	7°15	24°09	23°14	7°34	3°57	19°08	26°17	19°18	18°44	14°53	26°27
F 14	16 03 06	1°50'08	23°33	24°35	8°28	24°53	23°27	7°42	3°58	19°07	26°15	19°19	18°41	15°00	26°32
S 15	16 07 03	2°47'38	6°39	25°21	9°41	25°37	23°40	7°49	3°58	19°06	26°14	19°20	18°38	15°06	26°38
S 16	16 10 59	3°45'07	19°53	26°03	10°54	26°21	23°53	7°57	3°59	19°05	26°12	19°20	18°35	15°13	26°44
M17	16 14 56	4°42'36	2°11'53	26°42	12°06	27°05	24°05	8°05	4°00	19°04	26°10	19°19	18°32	15°20	26°49
T 18	16 18 53	5°40'03	15°39	27°15	13°19	27°49	24°18	8°13	4°00	19°03	26°09	19°18	18°29	15°27	26°55
W19	16 22 49	6°37'29	28°11	27°45	14°32	28°33	24°30	8°21	4°01	19°02	26°07	19°16	18°25	15°33	27°01
T 20	16 26 46	7°34'55	10°31	28°10	15°45	29°17	24°43	8°29	4°01	19°01	26°05	19°14	18°22	15°40	27°07
F 21	16 30 42	8°32'19	22°39	28°30	16°57	0°11	24°55	8°36	4°02	18°59	26°04	19°11	18°19	15°47	27°12
S 22	16 34 39	9°29'42	4°39	28°46	18°10	0°45	25°07	8°44	4°02	18°58	26°02	19°08	18°16	15°53	27°18
S 23	16 38 35	10°27'04	16°33	28°58	19°23	1°29	25°19	8°52	4°03	18°57	26°01	19°05	18°13	16°00	27°24
M24	16 42 32	11°24'25	28°26	29°04	20°36	2°13	25°31	9°00	4°03	18°56	25°59	19°04	18°09	16°07	27°30
T 25	16 46 29	12°21'45	10°21	29°17	21°49	2°56	25°43	9°08	4°03	18°55	25°57	19°03	18°06	16°14	27°36
W26	16 50 25	13°19'04	22°24	29°04	23°02	3°40	25°55	9°16	4°04	18°54	25°56	19°03	18°03	16°20	27°42
T 27	16 54 22	14°16'22	4°38	28°57	24°15	4°23	26°07	9°23	4°04	18°52	25°54	19°05	18°00	16°27	27°48
F 28	16 58 18	15°13'39	17°09	28°46	25°28	5°07	26°19	9°31	4°04	18°51	25°53	19°06	17°57	16°34	27°53
S 29	17 02 15	16°10'55	0°11	28°31	26°40	5°50	26°31	9°39	4°04	18°50	25°51	19°08	17°54	16°41	27°59
S 30	17 06 11	17°08'10	13°14	28°12	27°53	6°34	26°42	9°47	4°04	18°48	25°50	19°09	17°50	16°47	28°05
M31	17 10 08	18°05'25	26°11'52	27°11'50	29°08	7°17	26°54	9°55	4°04	18°47	25°48	19°08	17°47	16°54	28°11

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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		
S 1	17n37	6s21	2n26	24n 5	2n18	7n19	1s40	7s24	1s42	7n 2	1s 7	19n54	1s30	10s52	0s45	21s32	0n36	6s34	13n13	17n36	17n37	21n42	17n42	5s44
S 2	17 52 12	3 18	24 22	2 20	7 46	1 40	7 7	1 42	7 7	1 7	19 55	1 30	10 52	0 45	21 32	0 36	6 34	13 13	17 36	17 36	21 40	17 42	5 44	
M 3	18 8 17	19 0	4 24 36	2 22	8 43	1 39	6 50	1 43	7 12	1 7	19 57	1 30	10 51	0 45	21 32	0 36	6 34	13 13	17 36	17 36	21 38	17 42	5 44	
T 4	18 23 21	50 1s11	24 48	2 22	8 40	1 39	6 33	1 43	7 17	1 7	19 58	1 30	10 51	0 45	21 32	0 36	6 33	13 13	17 36	17 36	21 36	17 43	5 43	
W 5	18 37 25	10 2 23	24 58	2 22	9 7	1 38	6 16	1 44	7 22	1 7	19 59	1 30	10 50	0 45	21 32	0 36	6 33	13 13	17 36	17 34	21 35	17 43	5 43	
T 6	18 52 26	58 3 28	25 6	2 21	9 33	1 37	5 59	1 44	7 27	1 7	20 1	1 29	10 50	0 45	21 32	0 36	6 33	13 13	17 36	17 33	21 33	17 43	5 43	
F 7	19 6 27	1 4	21 5	2 19	10 0	1 36	5 42	1 45	7 32	1 7	20 2	1 29	10 50	0 45	21 32	0 36	6 33	13 13	17 36	17 32	21 31	17 44	5 43	
S 8	19 20 25	16 4 57	25 16	2 16	10 26	1 36	5 25	1 45	7 36	1 8	20 4	1 29	10 49	0 45	21 32	0 36	6 32	13 13	17 36	17 31	21 29	17 44	5 43	
S 9	19 33 21	54 5 15	25 18	2 12	10 52	1 35	5 7	1 46	7 41	1 8	20 5	1 29	10 49	0 45	21 33	0 36	6 32	13 13	17 36	17 30	21 27	17 44	5 43	
M10	19 46 17	15 5 13	25 19	2 8	11 17	1 34	4 50	1 46	7 46	1 8	20 6	1 29	10 48	0 45	21 33	0 36	6 32	13 13	17 36	17 29	21 25	17 45	5 43	
T 11	19 59 11	42 4 53	25 17	2 2	11 43	1 32	4 33	1 47	7 51	1 8	20 8	1 29	10 48	0 45	21 33	0 36	6 31	13 13	17 36	17 29	21 23	17 45	5 42	
W12	20 11 5 36	4 15	25 15	1 56	12 8	1 31	4 16	1 47	7 55	1 8	20 9	1 29	10 48	0 45	21 33	0 36	6 31	13 12	17 36	17 28	21 21	17 45	5 42	
T 13	20 23 0n42	3 23	25 10	1 49	12 33	1 30	3 59	1 48	8 0	1 8	20 10	1 29	10 48	0 45	21 33	0 36	6 31	13 12	17 36	17 27	21 19	17 45	5 42	
F 14	20 35 6 53	2 19	25 4	1 41	12 58	1 29	3 42	1 48	8 5	1 8	20 12	1 29	10 47	0 45	21 33	0 36	6 31	13 12	17 36	17 26	21 17	17 46	5 42	
S 15	20 47 12 41	1 9	24 57	1 32	13 22	1 27	3 24	1 49	8 9	1 8	20 13	1 29	10 47	0 45	21 33	0 36	6 30	13 12	17 36	17 25	21 15	17 46	5 42	
S 16	20 58 17 48	0n 3	24 49	1 22	13 46	1 26	3 7	1 49	8 14	1 8	20 14	1 29	10 47	0 45	21 33	0 36	6 30	13 12	17 37	17 24	21 13	17 46	5 42	
M17	21 8 22 0	1 14	24 40	1 12	14 10	1 25	2 50	1 50	8 19	1 8	20 16	1 28	10 47	0 46	21 34	0 36	6 30	13 12	17 36	17 23	21 11	17 46	5 42	
T 18	21 19 25 3	2 20	24 29	1 0	14 33	1 23	2 33	1 50	8 23	1 8	20 17	1 28	10 46	0 46	21 34	0 36	6 30	13 12	17 36	17 22	21 9	17 47	5 42	
W19	21 29 26 48	3 18	24 17	0 48	14 57	1 22	2 16	1 50	8 28	1 9	20 18	1 28	10 46	0 46	21 34	0 36	6 30	13 12	17 36	17 22	21 7	17 47	5 41	
T 20	21 38 27 10	4 6	24 5	0 35	15 19	1 20	1 59	1 51	8 32	1 9	20 20	1 28	10 46	0 46	21 34	0 36	6 29	13 11	17 35	17 21	21 5	17 47	5 41	
F 21	21 47 26 13	4 41	23 52	0 22	15 42	1 18	1 41	1 51	8 36	1 9	20 21	1 28	10 46	0 46	21 34	0 36	6 29	13 11	17 34	17 20	21 3	17 47	5 41	
S 22	21 56 24 4	5 4	23 37	0 7	16 4	1 17	1 24	1 52	8 41	1 9	20 22	1 28	10 46	0 46	21 34	0 36	6 29	13 11	17 33	17 19	21 1	17 48	5 41	
S 23	22 5 20 54	5 14	23 23	0s 7	16 25	1 15	1 7	1 52	8 45	1 9	20 23	1 28	10 46	0 46	21 34	0 36	6 29	13 11	17 33	17 18	20 59	17 48	5 41	
M24	22 13 16 54	5 10	23 7	0 23	1																			

SWISS EPHEMERIS for the year 1501

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	17 14 4	19II 2'39	10♌53	27°R24	0II19	8♃0	27♃5	10II 2	4°R 4	18°R46	25°R47	19°R 7	17♌44	17♌ 1	28II17
W 2	17 18 1	19°59'52	25°14	26II56	1°32	8°43	27°17	10°10	4°R 4	18♌44	25♌45	19♌ 4	17°41	17° 7	28°23
T 3	17 21 58	20°57'05	9♌51	26°25	2°45	9°26	27°28	10°18	4° 4	18°43	25°44	19° 0	17°38	17°14	28°29
F 4	17 25 54	21°54'18	24°35	25°52	3°58	10° 9	27°39	10°26	4° 3	18°42	25°42	18°56	17°35	17°21	28°35
S 5	17 29 51	22°51'30	9♌19	25°18	5°11	10°52	27°50	10°33	4° 3	18°40	25°41	18°51	17°31	17°28	28°41
S 6	17 33 47	23°48'42	23°57	24°43	6°24	11°35	28° 1	10°41	4° 3	18°39	25°40	18°47	17°28	17°34	28°47
M 7	17 37 44	24°45'54	8♃23	24° 8	7°37	12°18	28°12	10°49	4° 3	18°37	25°38	18°45	17°25	17°41	28°53
T 8	17 41 40	25°43'06	22°34	23°34	8°51	13° 0	28°23	10°57	4° 2	18°36	25°37	18°D44	17°22	17°48	28°59
W 9	17 45 37	26°40'18	6♃28	23° 1	10° 4	13°43	28°33	11° 4	4° 2	18°35	25°36	18°44	17°19	17°55	29° 5
T 10	17 49 33	27°37'30	20° 4	22°29	11°17	14°25	28°44	11°12	4° 1	18°33	25°34	18°45	17°15	18° 1	29°11
F 11	17 53 30	28°34'42	3♌24	22° 0	12°30	15° 8	28°54	11°20	4° 1	18°32	25°33	18°47	17°12	18° 8	29°18
S 12	17 57 27	29°31'54	16°29	21°33	13°43	15°50	29° 5	11°27	4° 0	18°30	25°32	18°R47	17° 9	18°15	29°24
S 13	18 1 23	0♌29'06	29°20	21° 9	14°56	16°32	29°15	11°35	3°59	18°29	25°30	18°47	17° 6	18°21	29°30
M14	18 5 20	1°26'18	12II 0	20°49	16°10	17°15	29°25	11°42	3°59	18°27	25°29	18°44	17° 3	18°28	29°36
T 15	18 9 16	2°23'31	24°29	20°33	17°23	17°57	29°35	11°50	3°58	18°25	25°28	18°40	17° 0	18°35	29°42
W16	18 13 13	3°20'43	6♌48	20°21	18°36	18°38	29°45	11°57	3°57	18°24	25°27	18°34	16°56	18°42	29°48
T 17	18 17 9	4°17'55	18°58	20°14	19°49	19°20	29°55	12° 5	3°56	18°22	25°25	18°26	16°53	18°48	29°54
F 18	18 21 6	5°15'07	1♌ 1	20°D11	21° 3	20° 2	0♌ 5	12°12	3°56	18°21	25°24	18°17	16°50	18°55	29°59
S 19	18 25 2	6°12'19	12°57	20°13	22°16	20°44	0°14	12°20	3°55	18°19	25°23	18° 9	16°47	19° 2	0♌ 6
S 20	18 28 59	7° 9'30	24°49	20°20	23°29	21°25	0°24	12°27	3°54	18°18	25°22	18° 1	16°44	19° 9	0°12
M21	18 32 56	8° 6'42	6♃41	20°33	24°43	22° 7	0°33	12°34	3°53	18°16	25°21	17°55	16°41	19°15	0°18
T 22	18 36 52	9° 3'53	18°35	20°50	25°56	22°48	0°42	12°42	3°52	18°14	25°20	17°50	16°37	19°22	0°24
W23	18 40 49	10° 1'05	0♌35	21°13	27° 9	23°29	0°51	12°49	3°51	18°13	25°19	17°48	16°34	19°29	0°30
T 24	18 44 45	10°58'16	12°47	21°40	28°23	24°10	1° 0	12°56	3°50	18°11	25°18	17°D48	16°31	19°35	0°36
F 25	18 48 42	11°55'27	25°15	22°13	29°36	24°51	1° 9	13° 4	3°48	18°10	25°17	17°48	16°28	19°42	0°42
S 26	18 52 38	12°52'39	8♌ 3	22°51	0♌50	25°32	1°18	13°11	3°47	18° 8	25°16	17°49	16°25	19°49	0°48
S 27	18 56 35	13°49'50	21°17	23°35	2° 3	26°13	1°26	13°18	3°46	18° 6	25°15	17°R50	16°21	19°56	0°54
M28	19 0 31	14°47'01	4♌58	24°23	3°17	26°53	1°35	13°25	3°45	18° 5	25°14	17°48	16°18	20° 2	1° 0
T 29	19 4 28	15°44'13	19° 8	25°16	4°30	27°34	1°43	13°32	3°43	18° 3	25°13	17°45	16°15	20° 9	1° 6
W30	19 8 25	16°41'25	3♌42	26II14	5♌44	28°V14	1♌51	13II39	3♃42	18♌ 2	25II12	17♌39	16♌12	20♌16	1♌12

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23n 3	24s 3	1s56	20n53	2s36	19n21	0s57	1n25	1s55	9n23	1s10	20n34	1s27	10s46	0s46	21s36	0n36	6s28	13n 9	17n33	17n10	20n41	17n49	5s41
W 2	23 8	26 29	3 4	20 37	2 51	19 38	0 55	1 42	1 55	9 26	1 10	20 36	1 27	10 46	0 46	21 36	0 36	6 28	13 9	17 32	17 9	20 38	17 49	5 41
T 3	23 12	27 9	4 2	20 21	3 7	19 54	0 53	1 59	1 55	9 30	1 10	20 37	1 27	10 46	0 46	21 36	0 36	6 28	13 8	17 31	17 8	20 36	17 49	5 41
F 4	23 15	25 55	4 44	20 5	3 21	20 10	0 51	2 15	1 56	9 34	1 10	20 38	1 27	10 46	0 46	21 37	0 36	6 28	13 8	17 30	17 7	20 34	17 49	5 41
S 5	23 19	22 54	5 7	19 51	3 35	20 26	0 48	2 32	1 56	9 38	1 11	20 39	1 27	10 46	0 46	21 37	0 36	6 28	13 8	17 29	17 6	20 32	17 49	5 41
S 6	23 22	18 26	5 10	19 37	3 47	20 41	0 46	2 49	1 56	9 42	1 11	20 40	1 27	10 46	0 46	21 37	0 36	6 28	13 7	17 28	17 6	20 30	17 49	5 41
M 7	23 24	12 58	4 53	19 25	3 58	20 55	0 44	3 5	1 56	9 46	1 11	20 41	1 27	10 46	0 46	21 37	0 36	6 28	13 7	17 27	17 5	20 28	17 49	5 41
T 8	23 26	6 55	4 19	19 13	4 8	21 9	0 42	3 22	1 57	9 49	1 11	20 42	1 27	10 47	0 46	21 37	0 36	6 28	13 7	17 27	17 4	20 26	17 49	5 41
W 9	23 28	0 38	3 30	19 3	4 17	21 22	0 39	3 38	1 57	9 53	1 11	20 44	1 27	10 47	0 46	21 38	0 36	6 28	13 6	17 27	17 3	20 24	17 49	5 41
T 10	23 29	5n33	2 30	18 54	4 24	21 35	0 37	3 54	1 57	9 57	1 11	20 45	1 27	10 47	0 46	21 38	0 36	6 28	13 6	17 27	17 2	20 22	17 49	5 41
F 11	23 30	11 23	1 23	18 47	4 29	21 47	0 34	4 10	1 57	10 0	1 11	20 46	1 27	10 47	0 47	21 38	0 36	6 28	13 6	17 27	17 1	20 19	17 49	5 41
S 12	23 30	16 37	0 13	18 41	4 34	21 59	0 32	4 27	1 57	10 4	1 12	20 47	1 27	10 47	0 47	21 38	0 36	6 28	13 6	17 28	17 0	20 17	17 49	5 41
S 13	23 30	20 59	0n57	18 37	4 36	22 10	0 30	4 43	1 57	10 7	1 12	20 48	1 27	10 48	0 47	21 38	0 36	6 28	13 5	17 27	16 59	20 15	17 49	5 41
M14	23 30	24 19	2 2	18 34	4 37	22 20	0 27	4 59	1 58	10 11	1 12	20 49	1 27	10 48	0 47	21 39	0 36	6 28	13 5	17 27	16 58	20 13	17 49	5 41
T 15	23 29	26 24	3 1	18 34	4 37	22 30	0 25	5 15	1 58	10 14	1 12	20 50	1 27	10 48	0 47	21 39	0 36	6 28	13 4	17 26	16 57	20 11	17 49	5 41
W16	23 28	27 9	3 50	18 34	4 35	22 39	0 22	5 30	1 58	10 17	1 12	20 51	1 27	10 49	0 47	21 39	0 36	6 28	13 4	17 24	16 57	20 9	17 49	5 42
T 17	23 26	26 34	4 28	18 37	4 32	22 47	0 20	5 46	1 58	10 21	1 12	20 52	1 27	10 49	0 47	21 39	0 36	6 28	13 4	17 22	16 56	20 7	17 49	5 42
F 18	23 24	24 45	4 53	18 41	4 28	22 55	0 17	6 2	1 58	10 24	1 12	20 53	1 27	10 49	0 47	21 39	0 36	6 28	13 3	17 19	16 55	20 4	17 49	5 42
S 19	23 22	21 51	5 5	18 47	4 23	23 2	0 15	6 17	1 58	10 27	1 13	20 54	1 27	10 50	0 47	21 40	0 36	6 28	13 3	17 17	16 54	20 2	17 48	5 42
S 20	23 19	18 4	5 5	18 54	4 16	23 8	0 13	6 33	1 58	10 30	1 13	20 55	1 27	10 50	0 47	21 40	0 36	6 28	13 3	17 15	16 53	20 0	17 48	5 42
M21	23 15	13 35	4 51	19 2	4 9	23 14	0 10	6 48	1 58	10 33	1 13	20 56	1 27	10 50	0 47	21 40	0 36	6 28	13 2	17 13	16 52	19 58	17 48	5 42
T 22	23 12	8 35	4 24	19 12	4 0	23 19	0 8	7 4	1 58	10 36	1 13	20 57	1 27	10 51	0 47	21 40	0 36	6 29	13 2	17 12	16 51	19 56	17 48	5 42
W23	23 8	3 13	3 46	19 23	3 51	23 23	0 5	7 19	1 58	10 40	1 13	20 58	1 27	10 51	0 47	21 41	0 36	6 29	13 2	17 11	16 50	19 53	17 48	5 42
T 24	23 3	2s21	2 57	19 35	3 40	23 27	0 3	7 34	1 58	10 42	1 13	20 59	1 27	10 52	0 47	21 41	0 36	6 29	13 1	17 11	16 49	19 51	17 48	5 43
F 25	22 58	7 58	1 58	19 48	3 29	23 30	0 0	7 49	1 58	10 45	1 14	20 59	1 27	10 52	0 47	21 41	0 35	6 29	13 1	17 11	16 48	19 49	17 48	5 43
S 26	22 53	13 25	0 52	20 1	3 18	23 32	0n 2	8 4	1 58	10 48	1 14	21 0	1 27	10 53	0 47	21 41	0 35	6 29	13 0	17 11	16 47	19 47	17 47	5 43
S 27	22 47	18 26	0s19	20 15	3 6	23 34	0 5	8 19	1 58	10 51	1 14	21 1	1 27	10 53	0 47	21 41	0 35	6 29	13 0	17 12	16 47	19 45	17 47	5 43
M28	22 41	22 40	1 30	20 30	2 53	23 35	0 7	8 33	1 58	10 54	1 14	21 2	1 27	10 54	0 47	21 42	0 35	6 30	12 59	17 11	16 46	19 42	17 47	5 43
T 29	22 34	25 42	2 39	20 45	2 40	23 35	0 10	8 48	1 58	10 56														

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T 1	19 12 21	17°38'37	18°37	27°11'17	6°57	28°54	1°59	13°46	3°R41	18°R 0	25°R11	17°R32	16°R 9	20°R22	1°R18								
F 2	19 16 18	18°35'50	3°43	28°25	8°11	29°34	2° 7	13°53	3°R39	17°R58	25°R10	17°R23	16° 6	20°29	1°24								
S 3	19 20 14	19°33'03	18°51	29°38	9°24	0°14	2°15	14° 0	3°38	17°57	25°10	17°14	16° 2	20°36	1°30								
S 4	19 24 11	20°30'17	3°50	0°55	10°38	0°54	2°23	14° 7	3°36	17°55	25° 9	17° 6	15°59	20°43	1°36								
M 5	19 28 7	21°27'31	18°32	2°17	11°51	1°34	2°30	14°14	3°35	17°53	25° 8	17° 0	15°56	20°49	1°41								
T 6	19 32 4	22°24'47	2°53	3°43	13° 5	2°13	2°37	14°20	3°33	17°52	25° 8	16°57	15°53	20°56	1°47								
W 7	19 36 1	23°22'03	16°49	5°14	14°19	2°53	2°45	14°27	3°31	17°50	25° 7	16°55	15°50	21° 3	1°53								
T 8	19 39 57	24°19'20	0°32	6°49	15°32	3°32	2°52	14°34	3°30	17°49	25° 6	16°D55	15°47	21°10	1°59								
F 9	19 43 54	25°16'38	13°32	8°27	16°46	4°11	2°58	14°41	3°28	17°47	25° 6	16°R55	15°43	21°16	2° 5								
S 10	19 47 50	26°13'58	26°24	10°10	18° 0	4°50	3° 5	14°47	3°26	17°45	25° 5	16°55	15°40	21°23	2°10								
S 11	19 51 47	27°11'18	9°11	11°56	19°14	5°29	3°12	14°54	3°25	17°44	25° 4	16°53	15°37	21°30	2°16								
M12	19 55 43	28° 8'39	21°26	13°45	20°27	6° 8	3°18	15° 0	3°23	17°42	25° 4	16°49	15°34	21°36	2°22								
T 13	19 59 40	29° 6'01	3°40	15°37	21°41	6°46	3°24	15° 6	3°21	17°41	25° 4	16°41	15°31	21°43	2°28								
W14	20 3 36	0° 3'24	15°48	17°32	22°55	7°25	3°31	15°13	3°19	17°39	25° 3	16°31	15°27	21°50	2°33								
T 15	20 7 33	1° 0'48	27°49	19°30	24° 9	8° 3	3°37	15°19	3°17	17°37	25° 3	16°19	15°24	21°57	2°39								
F 16	20 11 30	1°58'13	9°45	21°29	25°23	8°41	3°42	15°25	3°15	17°36	25° 2	16° 6	15°21	22° 3	2°44								
S 17	20 15 26	2°55'39	21°38	23°30	26°37	9°19	3°48	15°32	3°13	17°34	25° 2	15°53	15°18	22°10	2°50								
S 18	20 19 23	3°53'05	3°29	25°33	27°51	9°56	3°53	15°38	3°11	17°33	25° 2	15°40	15°15	22°17	2°56								
M19	20 23 19	4°50'33	15°21	27°36	29° 5	10°34	3°59	15°44	3° 9	17°31	25° 1	15°30	15°12	22°24	3° 1								
T 20	20 27 16	5°48'01	27°15	29°40	0°19	11°11	4° 4	15°50	3° 7	17°30	25° 1	15°22	15° 8	22°30	3° 7								
W21	20 31 12	6°45'30	9°15	1°45	1°33	11°48	4° 9	15°56	3° 5	17°28	25° 1	15°17	15° 5	22°37	3°12								
T 22	20 35 9	7°43'00	21°25	3°49	2°47	12°25	4°13	16° 2	3° 3	17°27	25° 1	15°15	15° 2	22°44	3°17								
F 23	20 39 5	8°40'30	3°50	5°54	4° 1	13° 2	4°18	16° 7	3° 1	17°25	25° 0	15°14	14°59	22°50	3°23								
S 24	20 43 2	9°38'02	16°34	7°57	5°15	13°38	4°22	16°13	2°59	17°24	25° 0	15°14	14°56	22°57	3°28								
S 25	20 46 59	10°35'34	29°43	10° 1	6°29	14°14	4°27	16°19	2°57	17°22	25° 0	15°13	14°53	23° 4	3°33								
M26	20 50 55	11°33'08	13°19	12° 3	7°43	14°50	4°31	16°24	2°55	17°21	25° 0	15°11	14°49	23°11	3°39								
T 27	20 54 52	12°30'42	27°26	14° 4	8°57	15°26	4°35	16°30	2°52	17°19	25°D 0	15° 7	14°46	23°17	3°44								
W28	20 58 48	13°28'17	12° 0	16° 5	10°11	16° 2	4°38	16°35	2°50	17°18	25° 0	15° 0	14°43	23°24	3°49								
T 29	21 2 45	14°25'54	26°59	18° 4	11°25	16°37	4°42	16°41	2°48	17°17	25° 0	14°51	14°40	23°31	3°54								
F 30	21 6 41	15°23'31	12°14	20° 2	12°39	17°13	4°45	16°46	2°46	17°15	25° 0	14°41	14°37	23°37	3°59								
S 31	21 10 38	16°21'10	27°35	21°59	13°53	17°48	4°48	16°51	2°44	17°14	25°R 0	14°R30	14°R33	23°R44	4°R 4								

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	22n20	26s36	4s26	21n15	2s13	23n34	0n14	9n17	1s58	11n 2	1s15	21n 5	1s27	10s55	0s47	21s42	0n35	6s30	12n58	17n 6	16n43	19n36	17n46	5s44
F 2	22 13 24	9 4 55	21 30	2 0 23	32 0	17 9 31	1 58 11	4 1 15	21 5 1 27	10 56	0 47 21	43 0 35	6 31	12 58	17 4 16	42 19	33 17	46 19	33 17	46 19	33 17	46 19	33 17	46 19
S 3	22 5 20	1 5 3	21 45	1 46	23 29	0 19 9 45	1 58 11	7 1 15	21 6 1 27	10 56	0 47 21	43 0 35	6 31	12 57	17 2 16	41 19	31 17	46 19	31 17	46 19	31 17	46 19	31 17	46 19
S 4	21 56 14	38 4 51	21 58	1 32	23 26	0 21 9 59	1 58 11	9 1 15	21 7 1 27	10 57	0 47 21	43 0 35	6 31	12 57	16 59	16 40	19 29	17 45	5 44					
M 5	21 47 8	31 4 19	22 11	1 18	23 22	0 24 10 13	1 58 11	12 1 15	21 8 1 27	10 58	0 47 21	43 0 35	6 31	12 56	16 58	16 39	19 27	17 45	5 45					
T 6	21 38 2	5 3 32	22 23	1 4	23 18	0 26 10 27	1 57 11	14 1 16	21 9 1 27	10 58	0 47 21	44 0 35	6 32	12 56	16 57	16 38	19 24	17 45	5 45					
W 7	21 29 4n16	2 33	22 34	0 50	23 12	0 28 10 40	1 57 11	16 1 16	21 9 1 27	10 59	0 47 21	44 0 35	6 32	12 56	16 56	16 37	19 22	17 44	5 45					
T 8	21 19 10	16 1 27	22 43	0 37	23 6	0 31 10 54	1 57 11	18 1 16	21 10 1 27	10 59	0 47 21	44 0 35	6 32	12 55	16 56	16 36	19 20	17 44	5 45					
F 9	21 8 15	40 0 18	22 51	0 23	23 0	0 33 11 7	1 57 11	21 1 16	21 11 1 27	11 0	0 47 21	44 0 35	6 33	12 55	16 56	16 36	19 18	17 44	5 46					
S 10	20 58 20	13 0n50	22 56	0 11	22 52	0 35 11 20	1 57 11	23 1 16	21 12 1 27	11 1	0 47 21	44 0 35	6 33	12 54	16 56	16 35	19 15	17 43	5 46					
S 11	20 47 23	45 1 54	23 0	0n 2	22 44	0 37 11 33	1 56 11	25 1 17	21 12 1 27	11 1	0 47 21	45 0 35	6 33	12 54	16 56	16 34	19 13	17 43	5 46					
M12	20 35 26	5 2 52	23 1	0 14	22 35	0 39 11 46	1 56 11	27 1 17	21 13 1 27	11 2	0 48 21	45 0 35	6 34	12 53	16 54	16 33	19 11	17 43	5 46					
T 13	20 24 27	8 3 41	23 0	0 25	22 26	0 41 11 59	1 56 11	29 1 17	21 14 1 27	11 3	0 48 21	45 0 35	6 34	12 53	16 52	16 32	19 8	17 42	5 47					
W14	20 12 26	51 4 19	22 57	0 36	22 16	0 43 12 12	1 56 11	31 1 17	21 14 1 27	11 3	0 48 21	45 0 35	6 34	12 52	16 49	16 31	19 6	17 42	5 47					
T 15	19 59 25	18 4 45	22 51	0 46	22 5	0 45 12 25	1 55 11	32 1 17	21 15 1 27	11 4	0 48 21	46 0 35	6 35	12 52	16 46	16 30	19 4	17 42	5 47					
F 16	19 47 22	38 4 58	22 42	0 55	21 54	0 47 12 37	1 55 11	34 1 18	21 16 1 27	11 5	0 48 21	46 0 35	6 35	12 51	16 42	16 29	19 1	17 41	5 48					
S 17	19 34 19	2 4 59	22 30	1 4	21 42	0 49 12 49	1 55 11	36 1 18	21 16 1 27	11 6	0 48 21	46 0 35	6 35	12 51	16 38	16 28	18 59	17 41	5 48					
S 18	19 20 14	42 4 46	22 16	1 12	21 29	0 51 13 1	1 54 11	38 1 18	21 17 1 27	11 6	0 48 21	46 0 35	6 36	12 50	16 35	16 27	18 57	17 40	5 48					
M19	19 6 9	48 4 21	21 59	1 19	21 16	0 53 13 13	1 54 11	39 1 18	21 17 1 27	11 7	0 48 21	46 0 35	6 36	12 50	16 32	16 26	18 54	17 40	5 48					
T 20	18 52 4	32 3 45	21 40	1 25	21 2	0 55 13 25	1 54 11	41 1 18	21 18 1 27	11 8	0 48 21	47 0 35	6 37	12 49	16 29	16 25	18 52	17 39	5 49					
W21	18 38 0s57	2 58	21 18	1 30	20 48	0 57 13 37	1 53 11	42 1 19	21 19 1 28	11 9	0 48 21	47 0 35	6 37	12 49	16 28	16 24	18 50	17 39	5 49					
T 22	18 23 6	29 2 2	20 53	1 35	20 33	0 58 13 49	1 53 11	43 1 19	21 19 1 28	11 9	0 48 21	47 0 35	6 38	12 48	16 27	16 23	18 47	17 39	5 49					
F 23	18 9 11	53 1 0	20 27	1 39	20 17	1 0 14 0	1 53 11	45 1 19	21 20 1 28	11 10	0 48 21	47 0 35	6 38	12 48	16									

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S 1	21 14 34	17°18'50	12°48'	23°54	15°08	18°22	4°51	16°57	2°R41	17°R12	25°M 0	14°R20	14°R30	23°L51	4°S 9
M 2	21 18 31	18°16'32	27°46'	25°48	16°22	18°57	4°54	17° 2	2°R39	17°R11	25° 1	14°R12	14°R27	23°58	4°14
T 3	21 22 28	19°14'15	12°V19	27°41	17°36	19°31	4°57	17° 7	2°37	17°10	25° 1	14° 7	14°24	24° 4	4°19
W 4	21 26 24	20°12'00	26°24	29°32	18°50	20° 6	4°59	17°12	2°34	17° 8	25° 1	14° 5	14°21	24°11	4°24
T 5	21 30 21	21° 9'46	10°R 1	1°M22	20° 5	20°39	5° 1	17°16	2°32	17° 7	25° 1	14°D 4	14°18	24°18	4°29
F 6	21 34 17	22° 7'35	23°12	3°10	21°19	21°13	5° 3	17°21	2°30	17° 6	25° 2	14°R 4	14°14	24°25	4°33
S 7	21 38 14	23° 5'25	6°II 1	4°57	22°33	21°46	5° 5	17°26	2°27	17° 5	25° 2	14° 4	14°11	24°31	4°38
S 8	21 42 10	24° 3'17	18°31	6°43	23°48	22°19	5° 7	17°31	2°25	17° 3	25° 2	14° 2	14° 8	24°38	4°43
M 9	21 46 7	25° 1'10	0°S48	8°28	25° 2	22°52	5° 8	17°35	2°23	17° 2	25° 3	13°57	14° 5	24°45	4°47
T 10	21 50 3	25°59'06	12°54	10°11	26°16	23°25	5° 9	17°40	2°20	17° 1	25° 3	13°50	14° 2	24°51	4°52
W 11	21 54 0	26°57'03	24°53	11°53	27°31	23°57	5°10	17°44	2°18	17° 0	25° 4	13°40	13°59	24°58	4°57
T 12	21 57 57	27°55'02	6°L48	13°33	28°45	24°29	5°11	17°48	2°15	16°59	25° 4	13°28	13°55	25° 5	5° 1
F 13	22 1 53	28°53'03	18°41	15°12	29°59	25° 1	5°12	17°53	2°13	16°58	25° 5	13°15	13°52	25°12	5° 5
S 14	22 5 50	29°51'05	0°M33	16°50	1°M14	25°32	5°12	17°57	2°11	16°57	25° 5	13° 1	13°49	25°18	5°10
S 15	22 9 46	0°M49'09	12°25	18°27	2°28	26° 3	5°12	18° 1	2° 8	16°56	25° 6	12°49	13°46	25°25	5°14
M 16	22 13 43	1°47'14	24°19	20° 2	3°43	26°34	5°R12	18° 5	2° 6	16°54	25° 7	12°38	13°43	25°32	5°18
T 17	22 17 39	2°45'21	6°L18	21°36	4°57	27° 4	5°12	18° 8	2° 4	16°53	25° 7	12°30	13°39	25°38	5°22
W 18	22 21 36	3°43'30	18°23	23° 9	6°12	27°34	5°12	18°12	2° 1	16°52	25° 8	12°25	13°36	25°45	5°26
T 19	22 25 32	4°41'40	0°M37	24°41	7°26	28° 4	5°11	18°16	1°59	16°52	25° 9	12°22	13°33	25°52	5°30
F 20	22 29 29	5°39'52	13° 4	26°11	8°41	28°34	5°10	18°19	1°56	16°51	25°10	12°D22	13°30	25°59	5°34
S 21	22 33 26	6°38'05	25°47	27°40	9°55	29° 3	5° 9	18°23	1°54	16°50	25°10	12°22	13°27	26° 5	5°38
S 22	22 37 22	7°36'20	8°L52	29° 8	11°10	29°31	5° 8	18°26	1°52	16°49	25°11	12°R22	13°24	26°12	5°42
M 23	22 41 19	8°34'37	22°22	0°L35	12°25	29°59	5° 7	18°30	1°49	16°48	25°12	12°22	13°20	26°19	5°46
T 24	22 45 15	9°32'55	6°R18	2° 0	13°39	0°II28	5° 5	18°33	1°47	16°47	25°13	12°19	13°17	26°26	5°50
W 25	22 49 12	10°31'14	20°42	3°24	14°54	0°56	5° 3	18°36	1°44	16°46	25°14	12°14	13°14	26°32	5°53
T 26	22 53 8	11°29'35	5°R31	4°47	16° 8	1°23	5° 1	18°39	1°42	16°46	25°15	12° 7	13°11	26°39	5°57
F 27	22 57 5	12°27'58	20°38	6° 8	17°23	1°50	4°59	18°42	1°40	16°45	25°16	11°58	13° 8	26°46	6° 1
S 28	23 1 1	13°26'22	5°R54	7°28	18°37	2°16	4°57	18°44	1°37	16°44	25°17	11°49	13° 5	26°52	6° 4
S 29	23 4 58	14°24'49	21° 8	8°47	19°52	2°42	4°54	18°47	1°35	16°43	25°18	11°41	13° 1	26°59	6° 7
M 30	23 8 55	15°23'17	6°V10	10° 4	21° 7	3° 8	4°52	18°50	1°33	16°43	25°19	11°35	12°58	27° 6	6°11
T 31	23 12 51	16°M21'47	20°V51	11°L19	22°M21	3°II33	4°R49	18°II52	1°R30	16°R42	25°M20	11°R31	12°R55	27°L13	6°S14

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	15n41	10s50	4s24	15n10	1n40	17n30	1n13	15n37	1s48	11n54	1s21	21n24	1s28	11s17	0s48	21s49	0n35	6s42	12n43	16n11	16n14	18n24	17n33	5s53
M 2	15 24	4 14	3 38	14 29	1 37	17 9	1 14	15 47	1 48	11 55	1 21	21 25	1 28	11 18	0 48	21 49	0 35	6 43	12 43	16 9	16 13	18 21	17 33	5 54
T 3	15 6	2n26	2 39	13 47	1 34	16 48	1 15	15 56	1 47	11 55	1 22	21 25	1 28	11 19	0 48	21 49	0 35	6 43	12 42	16 7	16 12	18 19	17 32	5 54
W 4	14 47	8 47	1 32	13 5	1 30	16 26	1 16	16 6	1 47	11 56	1 22	21 25	1 28	11 20	0 48	21 50	0 35	6 44	12 42	16 7	16 11	18 16	17 32	5 54
T 5	14 29	14 31	0 21	12 22	1 26	16 3	1 17	16 16	1 46	11 57	1 22	21 26	1 28	11 21	0 48	21 50	0 35	6 45	12 41	16 6	16 10	18 14	17 31	5 55
F 6	14 10	19 24	0n48	11 38	1 21	15 40	1 18	16 25	1 45	11 57	1 22	21 26	1 28	11 22	0 48	21 50	0 35	6 45	12 41	16 6	16 9	18 11	17 31	5 55
S 7	13 52	23 14	1 53	10 54	1 16	15 17	1 19	16 34	1 45	11 57	1 22	21 27	1 28	11 22	0 48	21 50	0 35	6 46	12 40	16 6	16 8	18 9	17 30	5 56
S 8	13 32	25 51	2 51	10 10	1 11	14 53	1 20	16 44	1 44	11 58	1 23	21 27	1 29	11 23	0 48	21 50	0 35	6 46	12 40	16 6	16 7	18 7	17 29	5 56
M 9	13 13	27 10	3 40	9 26	1 5	14 29	1 21	16 53	1 43	11 58	1 23	21 27	1 29	11 24	0 48	21 51	0 35	6 47	12 39	16 4	16 7	18 4	17 29	5 57
T 10	12 54	27 10	4 18	8 41	1 0	14 4	1 21	17 1	1 43	11 58	1 23	21 28	1 29	11 25	0 48	21 51	0 35	6 47	12 39	16 2	16 6	18 2	17 28	5 57
W 11	12 34	25 53	4 45	7 57	0 53	13 39	1 22	17 10	1 42	11 58	1 23	21 28	1 29	11 26	0 48	21 51	0 35	6 48	12 38	15 59	16 5	17 59	17 28	5 57
T 12	12 14	23 26	4 58	7 12	0 47	13 14	1 23	17 19	1 41	11 58	1 23	21 28	1 29	11 27	0 48	21 51	0 35	6 49	12 38	15 55	16 4	17 57	17 27	5 58
F 13	11 54	20 0	4 59	6 28	0 40	12 48	1 23	17 27	1 40	11 58	1 24	21 29	1 29	11 28	0 48	21 51	0 35	6 49	12 37	15 51	16 3	17 54	17 26	5 58
S 14	11 33	15 46	4 47	5 43	0 33	12 22	1 24	17 35	1 40	11 58	1 24	21 29	1 29	11 28	0 48	21 51	0 35	6 50	12 37	15 47	16 2	17 52	17 26	5 59
S 15	11 13	10 57	4 42	4 59	0 26	11 56	1 24	17 43	1 39	11 58	1 24	21 29	1 29	11 29	0 48	21 52	0 35	6 51	12 36	15 44	16 1	17 49	17 25	5 59
M 16	10 52	5 43	3 46	4 15	0 19	11 29	1 24	17 51	1 38	11 58	1 24	21 29	1 29	11 30	0 48	21 52	0 35	6 51	12 36	15 40	16 0	17 47	17 24	6 0
T 17	10 31	0 14	2 59	3 31	0 11	11 2	1 25	17 59	1 37	11 58	1 25	21 30	1 29	11 31	0 48	21 52	0 35	6 52	12 35	15 38	15 59	17 44	17 24	6 0
W 18	10 10	5s19	2 4	2 47	0 4	10 34	1 25	18 7	1 36	11 57	1 25	21 30	1 29	11 32	0 48	21 52	0 35	6 52	12 35	15 36	15 58	17 42	17 23	6 1
T 19	9 49	10 45	1 2	2 3	0s 4	10 7	1 25	18 14	1 35	11 57	1 25	21 30	1 29	11 33	0 48	21 52	0 35	6 53	12 34	15 36	15 57	17 39	17 22	6 1
F 20	9 28	15 52	0s 4	1 20	0 12	9 39	1 25	18 21	1 35	11 57	1 25	21 30	1 29	11 34	0 48	21 52	0 34	6 54	12 34	15 35	15 56	17 37	17 22	6 2
S 21	9 6	20 24	1 11	0 37	0 20	9 11	1 25	18 29	1 34	11 56	1 25	21 31	1 29	11 35	0 48	21 52	0 34	6 54	12 33	15 36	15 55	17 34	17 21	6 2
S 22	8 44	24 5	2 16	0s 5	0 28	8 42	1 25	18 36	1 33	11 56	1 26	21 31	1 30	11 35	0 48	21 53	0 34	6 55	12 33	15 36	15 54	17 32	17 20	6 3
M 23	8 23	26 33	3 16	0 47	0 36	8 14	1 25	18 43	1 32	11 55	1 26	21 31	1 30	11 36	0 48	21 53	0 34	6 56	12 32	15 35	15 53	17 29	17 20	6 3
T 24	8 1	27 28	4 7	1 28	0 44	7 45	1 24	18 50	1 31	11 54	1 26	21 31	1 30	11 37	0 48	21 53	0 34	6 56	12 32	15 34	15 52	17 27	17 19	6 4
W 25	7 39	26 34	4 43	2 9	0 52	7 16	1 24	18 56	1 30	11 53	1 26	21 31	1 30	11 38	0 48	21 53	0 34	6 57	12 31	15 33	15 51	17 24	17 18	6 5
T 26	7 16	23 49	5 2	2 50	1 1	6 46	1 24	19 3	1 29	11 53	1 26	21 32	1 30	11 39	0 48	21 53	0 34	6 58	12 31	15 31	15 50	17 22	17 18	6 5
F 27	6 54	19 24	5 1	3 30	1 9	6 17	1 23	19 9	1 28	11 52	1 27	21 32	1 30	11 40	0 48	21 53	0 34	6 58	12 30	15 28	15 49	17 19	17 17	6 6
S 28	6 32	13 40	4 38	4 9	1 17	5 47	1 23	19 16	1 27	11 51	1 27	21 32	1 30	11 40	0 48	21 53	0 34	6 59	12 30	15				

SWISS EPHEMERIS for the year 1501

SEPTEMBER 1501 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
W 1	23 16 48	17 ^h 20'19"	5 ^h 5'	12 ^h 33'	23 ^h 36'	3 ^h 58'	4 ^h R45	18 ^h 55'	1 ^h R28	16 ^h R41	25 ^h M21	11 ^h D29	12 ^h 52'	27 ^h 19'	6 ^h 51'
T 2	23 20 44	18 ^h 18'54"	18 ^h 50'	13 ^h 45'	24 ^h 51'	4 ^h 23'	4 ^h R42	18 ^h 57'	1 ^h R26	16 ^h R41	25 ^h 22'	11 ^h R29	12 ^h 49'	27 ^h 26'	6 ^h 20'
F 3	23 24 41	19 ^h 17'31"	2 ^h II 7	14 ^h 56'	26 ^h 5'	4 ^h 47'	4 ^h 39'	18 ^h 59'	1 ^h 24	16 ^h 40	25 ^h 24	11 ^h 30	12 ^h 45	27 ^h 33	6 ^h 23
S 4	23 28 37	20 ^h 16'10"	15 ^h 0'	16 ^h 4'	27 ^h 20'	5 ^h 10'	4 ^h 35'	19 ^h 1'	1 ^h 21	16 ^h 40	25 ^h 25	11 ^h R31	12 ^h 42	27 ^h 39	6 ^h 26
S 5	23 32 34	21 ^h 14'51"	27 ^h 31'	17 ^h 10'	28 ^h 35'	5 ^h 33'	4 ^h 31'	19 ^h 3'	1 ^h 19	16 ^h 39	25 ^h 26	11 ^h 31	12 ^h 39	27 ^h 46	6 ^h 29
M 6	23 36 30	22 ^h 13'35"	9 ^h 54'7"	18 ^h 15'	29 ^h 49'	5 ^h 56'	4 ^h 27'	19 ^h 5'	1 ^h 17	16 ^h 39	25 ^h 28	11 ^h 29	12 ^h 36	27 ^h 53	6 ^h 32
T 7	23 40 27	23 ^h 12'21"	21 ^h 50'	19 ^h 17'	1 ^h 4	6 ^h 18	4 ^h 23'	19 ^h 7'	1 ^h 15	16 ^h 39	25 ^h 29	11 ^h 25	12 ^h 33	28 ^h 0'	6 ^h 35
W 8	23 44 24	24 ^h 11'09"	3 ^h II 46	20 ^h 16'	2 ^h 19	6 ^h 39	4 ^h 18'	19 ^h 8'	1 ^h 13	16 ^h 38	25 ^h 30	11 ^h 19	12 ^h 30	28 ^h 6'	6 ^h 37
T 9	23 48 20	25 ^h 9'59"	15 ^h 38'	21 ^h 13'	3 ^h 33	7 ^h 0'	4 ^h 14'	19 ^h 10'	1 ^h 11	16 ^h 38	25 ^h 32	11 ^h 12	12 ^h 26	28 ^h 13	6 ^h 40
F 10	23 52 17	26 ^h 8'52"	27 ^h 30'	22 ^h 7'	4 ^h 48	7 ^h 21	4 ^h 9'	19 ^h 11'	1 ^h 8	16 ^h 37	25 ^h 33	11 ^h 3	12 ^h 23	28 ^h 20	6 ^h 42
S 11	23 56 13	27 ^h 7'46"	9 ^h II 23	22 ^h 59'	6 ^h 3	7 ^h 41	4 ^h 4'	19 ^h 13'	1 ^h 6	16 ^h 37	25 ^h 34	10 ^h 55	12 ^h 20	28 ^h 26	6 ^h 45
S 12	0 0 10	28 ^h 6'43"	21 ^h 19'	23 ^h 46'	7 ^h 18	8 ^h 0'	3 ^h 59	19 ^h 14'	1 ^h 4	16 ^h 37	25 ^h 36	10 ^h 47	12 ^h 17	28 ^h 33	6 ^h 47
M13	0 4 6	29 ^h 5'42"	3 ^h II 21	24 ^h 30'	8 ^h 32	8 ^h 19	3 ^h 53	19 ^h 15'	1 ^h 2	16 ^h 37	25 ^h 37	10 ^h 40	12 ^h 14	28 ^h 40	6 ^h 49
T 14	0 8 3	0 ^h II 4'3	15 ^h 29'	25 ^h 11'	9 ^h 47	8 ^h 38	3 ^h 48	19 ^h 16'	1 ^h 0	16 ^h 36	25 ^h 39	10 ^h 35	12 ^h 10	28 ^h 47	6 ^h 52
W15	0 11 59	1 ^h 3'45"	27 ^h 44'	25 ^h 46'	11 ^h 2	8 ^h 55	3 ^h 42	19 ^h 17'	0 ^h 58	16 ^h 36	25 ^h 40	10 ^h 32	12 ^h 7	28 ^h 53	6 ^h 54
T 16	0 15 56	2 ^h 2'50"	10 ^h II 10	26 ^h 18'	12 ^h 17	9 ^h 12	3 ^h 36	19 ^h 18'	0 ^h 56	16 ^h 36	25 ^h 42	10 ^h D32	12 ^h 4	29 ^h 0'	6 ^h 56
F 17	0 19 52	3 ^h 1'57"	22 ^h 48'	26 ^h 44'	13 ^h 31	9 ^h 29	3 ^h 30	19 ^h 18'	0 ^h 54	16 ^h 36	25 ^h 44	10 ^h 32	12 ^h 1	29 ^h 7	6 ^h 58
S 18	0 23 49	4 ^h 1'05"	5 ^h II 23	27 ^h 5'	14 ^h 46	9 ^h 45	3 ^h 24	19 ^h 19'	0 ^h 53	16 ^h 36	25 ^h 45	10 ^h 34	11 ^h 58	29 ^h 13	6 ^h 59
S 19	0 27 46	5 ^h 0'16"	18 ^h 48'	27 ^h 19'	16 ^h 1	10 ^h 0	3 ^h 18	19 ^h 19'	0 ^h 51	16 ^h D36	25 ^h 47	10 ^h 35	11 ^h 55	29 ^h 20	7 ^h 1
M20	0 31 42	5 ^h 59'28"	2 ^h II 16	27 ^h 28'	17 ^h 16	10 ^h 15	3 ^h 12	19 ^h 20'	0 ^h 49	16 ^h 36	25 ^h 49	10 ^h R36	11 ^h 51	29 ^h 27	7 ^h 3
T 21	0 35 39	6 ^h 58'42"	16 ^h 5'	27 ^h R29	18 ^h 30	10 ^h 28	3 ^h 5	19 ^h 20'	0 ^h 47	16 ^h 36	25 ^h 50	10 ^h 36	11 ^h 48	29 ^h 34	7 ^h 4
W22	0 39 35	7 ^h 57'58"	0 ^h II 15	27 ^h 23'	19 ^h 45	10 ^h 42	2 ^h 59	19 ^h R20	0 ^h 45	16 ^h 36	25 ^h 52	10 ^h 34	11 ^h 45	29 ^h 40	7 ^h 6
T 23	0 43 32	8 ^h 57'16"	14 ^h 46'	27 ^h 10'	21 ^h 0	10 ^h 54	2 ^h 52	19 ^h 20'	0 ^h 44	16 ^h 36	25 ^h 54	10 ^h 31	11 ^h 42	29 ^h 47	7 ^h 7
F 24	0 47 28	9 ^h 56'35"	29 ^h 32'	26 ^h 48'	22 ^h 15	11 ^h 6	2 ^h 45	19 ^h 20'	0 ^h 42	16 ^h 36	25 ^h 56	10 ^h 27	11 ^h 39	29 ^h 54	7 ^h 9
S 25	0 51 25	10 ^h 55'56"	14 ^h II 28	26 ^h 19'	23 ^h 29	11 ^h 18	2 ^h 38	19 ^h 20'	0 ^h 40	16 ^h 37	25 ^h 57	10 ^h 22	11 ^h 36	0 ^h II 0	7 ^h 10
S 26	0 55 21	11 ^h 55'19"	29 ^h 26'	25 ^h 41'	24 ^h 44	11 ^h 28	2 ^h 31	19 ^h 19'	0 ^h 39	16 ^h 37	25 ^h 59	10 ^h 19	11 ^h 32	0 ^h 7	7 ^h 11
M27	0 59 18	12 ^h 54'44"	14 ^h II 17	24 ^h 54'	25 ^h 59	11 ^h 38	2 ^h 24	19 ^h 19'	0 ^h 37	16 ^h 37	26 ^h 1	10 ^h 16	11 ^h 29	0 ^h 14	7 ^h 12
T 28	1 3 15	13 ^h 54'11"	28 ^h 52'	24 ^h 1'	27 ^h 14	11 ^h 47	2 ^h 16	19 ^h 18'	0 ^h 35	16 ^h 37	26 ^h 3	10 ^h 14	11 ^h 26	0 ^h 21	7 ^h 13
W29	1 7 11	14 ^h 53'40"	13 ^h II 6	23 ^h 0'	28 ^h 29	11 ^h 55	2 ^h 9	19 ^h 18'	0 ^h 34	16 ^h 38	26 ^h 5	10 ^h D13	11 ^h 23	0 ^h 27	7 ^h 14
T 30	1 11 8	15 ^h 53'12"	26 ^h II 55	21 ^h 53'	29 ^h 43	12 ^h II 3	2 ^h II 2	19 ^h II 17	0 ^h II 32	16 ^h 38	26 ^h II 7	10 ^h II 14	11 ^h II 20	0 ^h II 34	7 ^h II 15

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂	♆	♁	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
W 1	5n 1	12n43	0s34	6s39	1s50	3n47	1n20	19n40	1s22	11n46	1s28	21n32	1s30	11s44	0s48	21s54	0n34	7s 2	12n28	15n19	15n45	17n 7	17n13	6s 8
T 2	4 38 18	6 0n39	7 15	1 58	3 16	1 20	19 45	1 21	11 45	1 28	21 33	1 30	11 44	0 48	21 54	0 34	7 3	12 28	15 19	15 44	17 4	17 13	6 9	
F 3	4 15 22	25 1	49 7	50 2	6 2	46 1	19 51	1 20	11 43	1 28	21 33	1 31	11 45	0 48	21 54	0 34	7 3	12 27	15 19	15 43	17 1	17 12	6 10	
S 4	3 52 25	29 2	50 8	23 2	13 2	15 1	18 19	56 1	18 11	42 1	28 21	33 1	31 11	46 0	48 21	54 0	34 7	4	12 27	15 20	15 42	16 59	17 11	6 10
S 5	3 29 27	11 3	42 8	56 2	21 1	45 1	17 20	2 1	17 11	41 1	28 21	33 1	31 11	47 0	48 21	54 0	34 7	5	12 26	15 20	15 41	16 56	17 10	6 11
M 6	3 6 27	30 4	22 9	28 2	28 1	14 1	16 20	7 1	16 11	39 1	28 21	33 1	31 11	48 0	48 21	54 0	34 7	6	12 26	15 19	15 40	16 54	17 10	6 11
T 7	2 42 26	30 4	50 9	58 2	36 0	43 1	15 20	12 1	14 11	38 1	29 21	33 1	31 11	48 0	48 21	54 0	34 7	6	12 25	15 18	15 39	16 51	17 9	6 12
W 8	2 19 24	18 5	5 10	27 2	43 0	12 1	14 20	17 1	13 11	36 1	29 21	33 1	31 11	49 0	48 21	54 0	34 7	7	12 25	15 16	15 38	16 49	17 8	6 13
T 9	1 56 21	4 5	6 10	55 2	49 0	s19 1	12 20	22 1	12 11	34 1	29 21	33 1	31 11	50 0	48 21	54 0	34 7	8	12 24	15 14	15 37	16 46	17 8	6 13
F 10	1 32 16	59 4	55 11	21 2	56 0	49 1	11 20	27 1	10 11	32 1	29 21	33 1	31 11	51 0	48 21	54 0	34 7	9	12 24	15 11	15 36	16 43	17 7	6 14
S 11	1 9 12	15 4	31 11	46 3	2 1	20 1	10 20	31 1	9 11	31 1	29 21	33 1	31 11	51 0	48 21	55 0	34 7	9	12 23	15 9	15 35	16 41	17 6	6 14
S 12	0 45 7	2 3	55 12	9 3	8 1	50 1	8 20	36 1	7 11	29 1	29 21	33 1	31 11	52 0	48 21	55 0	34 7	10	12 23	15 6	15 34	16 38	17 5	6 15
M13	0 22 1 32	3 8	12 31	3 13	2 22	1 7	20 40	1 6	11 27	1 29	21 33	1 31	11 53	0 48	21 55	0 34	7 11	12 23	15 4	15 33	16 36	17 5	6 16	
T 14	0s 2	4s 5	2 12	12 50	3 18	2 53	1 6	20 45	1 4	11 25	1 30	21 33	1 32	11 53	0 48	21 55	0 34	7 12	12 22	15 2	15 32	16 33	17 4	6 16
W15	0 25 9 38	1 9	13 7	3 22	3 24	1 4	20 49	1 3	11 23	1 30	21 33	1 32	11 54	0 48	21 55	0 34	7 12	12 22	15 2	15 31	16 30	17 3	6 17	
T 16	0 49 14 53	0 2	13 22	3 26	3 25	1 2	20 53	1 1	11 21	1 30	21 33	1 32	11 55	0 48	21 55	0 34	7 13	12 21	15 1	15 30	16 28	17 2	6 17	
F 17	1 13 19 35	1s 6	13 34	3 29	4 54	1 1	20 57	0 59	11 19	1 30	21 33	1 32	11 55	0 48	21 55	0 34	7 14	12 21	15 1	15 29	16 25	17 2	6 18	
S 18	1 36 23 29	2 13	13 44	3 31	4 56	0 59	21 1	0 58	11 16	1 30	21 33	1 32	11 56	0 48	21 55	0 34	7 14	12 21	15 2	15 28	16 22	17 1	6 19	
S 19	2 0 26 15	3 13	13 50	3 32	5 26	0																		

SWISS EPHEMERIS for the year 1501

OCTOBER 1501 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	1 15 4	16♌52'45	10♏18	20♌R42	0♏M58	12♏II 9	1°R54	19°R16	0°R31	16♌38	26♏9	10♌16	11♌16	0♏41	7♌16
S 2	1 19 1	17°52'21	23°16	19♌29	2°13	12°15	1♌46	19♏15	0♌30	16°39	26°11	10°17	11°13	0°47	7°16
S 3	1 22 57	18°52'00	5♌52	18°14	3°28	12°21	1°39	19°14	0°28	16°39	26°13	10°18	11°10	0°54	7°17
M 4	1 26 54	19°51'41	18°11	17° 2	4°42	12°25	1°31	19°13	0°27	16°40	26°15	10°R19	11° 7	1° 1	7°17
T 5	1 30 50	20°51'24	0♏16	15°53	5°57	12°28	1°23	19°11	0°26	16°40	26°17	10°19	11° 4	1° 8	7°18
W 6	1 34 47	21°51'09	12°12	14°49	7°12	12°31	1°15	19°10	0°24	16°41	26°19	10°17	11° 1	1°14	7°18
T 7	1 38 44	22°50'56	24° 4	13°54	8°27	12°33	1° 7	19° 8	0°23	16°41	26°21	10°15	10°57	1°21	7°18
F 8	1 42 40	23°50'46	5♏56	13° 8	9°41	12°34	0°59	19° 7	0°22	16°42	26°23	10°13	10°54	1°28	7°R18
S 9	1 46 37	24°50'37	17°51	12°32	10°56	12°R34	0°51	19° 5	0°21	16°43	26°25	10°10	10°51	1°34	7°18
S 10	1 50 33	25°50'31	29°53	12° 7	12°11	12°33	0°43	19° 3	0°20	16°43	26°27	10° 8	10°48	1°41	7°18
M11	1 54 30	26°50'27	12♌ 3	11°54	13°26	12°31	0°35	19° 1	0°19	16°44	26°29	10° 6	10°45	1°48	7°18
T 12	1 58 26	27°50'25	24°23	11°D52	14°41	12°29	0°27	18°59	0°18	16°45	26°31	10° 5	10°42	1°55	7°18
W13	2 2 23	28°50'25	6♏56	12° 1	15°55	12°25	0°18	18°57	0°17	16°45	26°33	10°D 5	10°38	2° 1	7°17
T 14	2 6 19	29°50'27	19°40	12°21	17°10	12°21	0°10	18°54	0°16	16°46	26°35	10° 5	10°35	2° 8	7°17
F 15	2 10 16	0♏50'31	2♌37	12°51	18°25	12°16	0° 2	18°52	0°15	16°47	26°38	10° 5	10°32	2°15	7°16
S 16	2 14 13	1°50'36	15°48	13°29	19°40	12°10	29♏54	18°49	0°15	16°48	26°40	10° 6	10°29	2°21	7°16
S 17	2 18 9	2°50'44	29°12	14°16	20°55	12° 3	29°46	18°47	0°14	16°49	26°42	10° 7	10°26	2°28	7°15
M18	2 22 6	3°50'52	12♌39	15°10	22° 9	11°55	29°38	18°44	0°13	16°50	26°44	10° 8	10°22	2°35	7°14
T 19	2 26 2	4°51'03	26°40	16°11	23°24	11°46	29°30	18°41	0°13	16°51	26°46	10° 8	10°19	2°42	7°13
W20	2 29 59	5°51'15	10♌44	17°17	24°39	11°36	29°22	18°39	0°12	16°52	26°49	10°R 8	10°16	2°48	7°12
T 21	2 33 55	6°51'28	24°59	18°28	25°54	11°26	29°13	18°36	0°11	16°53	26°51	10° 8	10°13	2°55	7°11
F 22	2 37 52	7°51'43	9♌22	19°43	27° 8	11°14	29° 6	18°32	0°11	16°54	26°53	10° 7	10°10	3° 2	7°10
S 23	2 41 48	8°51'59	23°52	21° 2	28°23	11° 2	28°58	18°29	0°11	16°55	26°56	10° 7	10° 7	3° 8	7° 9
S 24	2 45 45	9°52'17	8♏21	22°24	29°38	10°49	28°50	18°26	0°10	16°56	26°58	10°D 7	10° 3	3°15	7° 7
M25	2 49 42	10°52'36	22°47	23°48	0♌53	10°35	28°42	18°23	0°10	16°57	27° 0	10° 7	10° 0	3°22	7° 6
T 26	2 53 38	11°52'57	7♌ 2	25°15	2° 7	10°21	28°34	18°19	0°10	16°58	27° 2	10°R 7	9°57	3°29	7° 4
W27	2 57 35	12°53'20	21° 2	26°43	3°22	10° 5	28°27	18°16	0° 9	17° 0	27° 5	10° 7	9°54	3°35	7° 3
T 28	3 1 31	13°53'44	4♏44	28°13	4°37	9°49	28°19	18°12	0° 9	17° 1	27° 7	10° 7	9°51	3°42	7° 1
F 29	3 5 28	14°54'11	18° 5	29°44	5°51	9°32	28°11	18° 9	0° 9	17° 2	27° 9	10° 7	9°48	3°49	6°59
S 30	3 9 24	15°54'39	1♌ 5	1♏16	7° 6	9°15	28° 4	18° 5	0° 9	17° 3	27°12	10° 6	9°44	3°55	6°57
S 31	3 13 21	16♏55'08	13♌44	2♏48	8♌21	8♏57	27♏57	18♏II 1	0°D 9	17♌ 5	27♏14	10♌ 5	9♌41	4♏ 2	6♌56

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	6s39	24n39	2n38	9s54	1s56	11s20	0n33	21n46	0s33	10n45	1s31	21n32	1s33	12s 3	0s47	21s55	0n33	7s24	12n16	14n56	15n15	15n48	16n52	6s27
S 2	7 2 26	55 3 35	9 9	1 38	11 48	0 31	21 49	0 30	10 42	1 31	21 31	1 33	12 4	0 47	21 55	0 33	7 25	12 15	14 57	15 14	15 45	16 51	6 28	
S 3	7 25 27	42 4 20	8 22	1 18	12 15	0 28	21 52	0 28	10 39	1 31	21 31	1 33	12 4	0 47	21 55	0 33	7 26	12 15	14 57	15 13	15 42	16 50	6 28	
M 4	7 47 27	5 4 52	7 36	0 58	12 43	0 26	21 55	0 26	10 37	1 31	21 31	1 33	12 5	0 47	21 55	0 33	7 27	12 15	14 57	15 12	15 40	16 50	6 29	
T 5	8 10 25	12 5 10	6 50	0 37	13 10	0 24	21 58	0 24	10 34	1 31	21 31	1 33	12 5	0 47	21 55	0 33	7 27	12 15	14 57	15 11	15 37	16 49	6 30	
W 6	8 32 22	13 5 15	6 7	0 16	13 37	0 21	22 0	0 21	10 31	1 31	21 31	1 33	12 6	0 47	21 55	0 33	7 28	12 14	14 57	15 10	15 34	16 48	6 30	
T 7	8 55 18	20 5 6	5 27	0n 4	14 4	0 19	22 0	0 19	10 29	1 31	21 31	1 33	12 6	0 47	21 55	0 33	7 29	12 14	14 56	15 9	15 32	16 48	6 31	
F 8	9 17 13	46 4 44	4 51	0 17	14 30	0 17	22 6	0 17	10 26	1 31	21 30	1 33	12 6	0 47	21 55	0 33	7 30	12 14	14 55	15 8	15 29	16 47	6 32	
S 9	9 39 8	39 4 10	4 20	0 41	14 56	0 14	22 8	0 14	10 23	1 31	21 30	1 33	12 7	0 47	21 55	0 33	7 30	12 13	14 55	15 7	15 26	16 46	6 32	
S 10	10 1 3 10	3 24 3 56	0 57	15 21	0 12	22 10	0 12	10 20	1 31	21 30	1 34	12 7	0 47	21 55	0 33	7 31	12 13	14 54	15 6	15 23	16 46	6 33		
M11	10 22 2s29	2 29 3 37	1 12	15 46	0 9	22 13	0 9	10 17	1 31	21 30	1 34	12 7	0 47	21 55	0 33	7 32	12 13	14 53	15 5	15 21	16 45	6 34		
T 12	10 44 8 9	1 16 3 24	3 24	1 25	16 11	0 7	22 15	0 6	10 15	1 31	21 29	1 34	12 8	0 47	21 55	0 33	7 32	12 12	14 53	15 4	15 18	16 45	6 34	
W13	11 6 13 35	0 17 3 17	3 17	1 36	16 35	0 4	22 17	0 4	10 12	1 31	21 29	1 34	12 8	0 47	21 54	0 33	7 33	12 12	14 53	15 3	15 15	16 44	6 35	
T 14	11 27 18 33	0s53 3 16	1 46	16 59	0 2	22 19	0 1	10 9	1 31	21 29	1 34	12 8	0 47	21 54	0 33	7 34	12 12	14 53	15 2	15 12	16 43	6 36		
F 15	11 48 22 44	2 2 3 20	1 54	17 22	0s 1	22 21	0n 2	10 6	1 30	21 29	1 34	12 9	0 47	21 54	0 33	7 35	12 12	14 53	15 1	15 10	16 43	6 36		
S 16	12 9 25 49	3 5 3 29	2 1	17 45	0 3	22 23	0 4	10 3	1 30	21 29	1 34	12 9	0 47	21 54	0 33	7 35	12 11	14 53	15 0	15 7	16 42	6 37		
S 17	12 30 27 30	4 0 3 43	2 6	18 8	0 6	22 25	0 7	10 1	1 30	21 28	1 34	12 9	0 47	21 54	0 33	7 36	12 11	14 53	14 59	15 4	16 42	6 37		
M18	12 50 27 34	4 42 4 0	2 9	18 30	0 9	22 26	0 10	9 58	1 30	21 28	1 34	12 9	0 47	21 54	0 33	7 37	12 11	14 54	14 58	15 1	16 41	6 38		
T 19	13 10 25 55	5 8 4 21	2 11	18 51	0 11	22 28	0 13	9 55	1 30	21 28	1 34	12 9	0 47	21 54	0 33	7 37	12 11	14 54	14 57	14 59	16 40	6 39		
W20	13 31 22 40	5 17 4 46	2 13	19 12	0 14	22 30	0 15	9 52	1 30	21 27	1 34	12 10	0 47	21 54	0 33	7 38	12 11	14 54	14 56	14 56	16 40	6 39		
T 21	13 51 18 2	5 7 5 13	2 13	19 33	0 16	22 31	0 18	9 50	1 30	21 27	1 34	12 10	0 47	21 54	0 33	7 39	12 10	14 54	14 55	14 53	16 39	6 40		
F 22	14 10 12 21	4 37 5 42	2 12	19 53	0 19	22 32	0 19	9 47	1 30	21 27	1 34	12 10	0 47	21 54	0 33	7 40	12 10	14 54	14 54	14 50	16 39	6 41		
S 23	14 30 5 57	3 49 6 13	2 10	20 12	0 21	22 34	0 21	9 44	1 30	21 27	1 34	12 10	0 47	21 54	0 33	7 40	12 10	14 54	14 53	14 48	16 38	6 41		
S 24	14 49 0n46	2 47 6 46	2 8	20 31	0 24	22 35	0 27	9 42	1 29	21 26														

SWISS EPHEMERIS for the year 1501

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
M 1	3 17 17	17♌55'40	26♋6	4♌22	9♌35	8°R38	27°R50	17°R57	0♃9	17♌6	27♌16	10°R 4	9♌38	4♌9	6°R54
T 2	3 21 14	18°56'14	8♌13	5°55	10°50	8♌18	27°42	17♌53	0° 9	17° 7	27°19	10♋ 4	9°35	4°16	6♋51
W 3	3 25 11	19°56'49	20°11	7°29	12° 5	7°59	27°35	17°49	0° 9	17° 9	27°21	10°D 3	9°32	4°22	6°49
T 4	3 29 7	20°57'26	2♌3	9° 4	13°19	7°38	27°29	17°45	0° 9	17°10	27°23	10° 4	9°28	4°29	6°47
F 5	3 33 4	21°58'04	13°55	10°38	14°34	7°17	27°22	17°41	0° 9	17°12	27°26	10° 4	9°25	4°36	6°45
S 6	3 37 0	22°58'44	25°52	12°13	15°49	6°56	27°15	17°37	0°10	17°13	27°28	10° 6	9°22	4°42	6°42
S 7	3 40 57	23°59'26	7♌56	13°48	17° 4	6°34	27° 9	17°32	0°10	17°15	27°31	10° 7	9°19	4°49	6°40
M 8	3 44 53	25° 0'10	20°13	15°22	18°18	6°12	27° 2	17°28	0°10	17°16	27°33	10° 8	9°16	4°56	6°37
T 9	3 48 50	26° 0'55	2♌44	16°57	19°33	5°49	26°56	17°24	0°11	17°18	27°35	10° 9	9°13	5° 3	6°35
W10	3 52 46	27° 1'41	15°33	18°32	20°47	5°27	26°50	17°19	0°11	17°19	27°38	10°R 9	9° 9	5° 9	6°32
T 11	3 56 43	28° 2'29	28°38	20° 6	22° 2	5° 4	26°44	17°15	0°12	17°21	27°40	10° 8	9° 6	5°16	6°29
F 12	4 0 40	29° 3'19	12♌1	21°41	23°17	4°41	26°38	17°10	0°13	17°23	27°42	10° 6	9° 3	5°23	6°26
S 13	4 4 36	0♌4'09	25°39	23°16	24°31	4°18	26°33	17° 6	0°13	17°24	27°45	10° 4	9° 0	5°29	6°23
S 14	4 8 33	1° 5'01	9♌29	24°50	25°46	3°55	26°27	17° 1	0°14	17°26	27°47	10° 1	8°57	5°36	6°21
M15	4 12 29	2° 5'54	23°28	26°25	27° 1	3°32	26°22	16°56	0°15	17°28	27°49	9°57	8°53	5°43	6°17
T 16	4 16 26	3° 6'47	7♌35	27°59	28°15	3° 8	26°17	16°52	0°15	17°30	27°52	9°55	8°50	5°50	6°14
W17	4 20 22	4° 7'41	21°44	29°33	29°30	2°46	26°12	16°47	0°16	17°31	27°54	9°53	8°47	5°56	6°11
T 18	4 24 19	5° 8'36	5♌55	1♌7	0♌44	2°23	26° 7	16°42	0°17	17°33	27°57	9°D53	8°44	6° 3	6° 8
F 19	4 28 15	6° 9'32	20° 4	2°42	1°59	2° 0	26° 3	16°37	0°18	17°35	27°59	9°53	8°41	6°10	6° 5
S 20	4 32 12	7°10'28	4♌11	4°16	3°13	1°38	25°59	16°32	0°19	17°37	28° 1	9°55	8°38	6°16	6° 1
S 21	4 36 9	8°11'25	18°13	5°50	4°28	1°16	25°54	16°27	0°20	17°39	28° 4	9°56	8°34	6°23	5°58
M22	4 40 5	9°12'23	2♌8	7°24	5°43	0°55	25°50	16°23	0°21	17°40	28° 6	9°57	8°31	6°30	5°55
T 23	4 44 2	10°13'22	15°55	8°58	6°57	0°34	25°47	16°18	0°22	17°42	28° 8	9°R57	8°28	6°36	5°51
W24	4 47 58	11°14'21	29°32	10°33	8°11	0°13	25°43	16°13	0°23	17°44	28°11	9°56	8°25	6°43	5°48
T 25	4 51 55	12°15'21	12♌55	12° 7	9°26	29♌53	25°40	16° 8	0°25	17°46	28°13	9°53	8°22	6°50	5°44
F 26	4 55 51	13°16'22	26° 3	13°41	10°40	29°33	25°36	16° 3	0°26	17°48	28°15	9°48	8°19	6°57	5°40
S 27	4 59 48	14°17'24	8♋56	15°16	11°55	29°14	25°33	15°58	0°27	17°50	28°18	9°42	8°15	7° 3	5°37
S 28	5 3 44	15°18'27	21°32	16°50	13° 9	28°56	25°30	15°53	0°29	17°52	28°20	9°36	8°12	7°10	5°33
M29	5 7 41	16°19'31	3♌53	18°25	14°24	28°38	25°28	15°48	0°30	17°54	28°22	9°29	8° 9	7°17	5°29
T 30	5 11 38	17°20'35	16♌1	20♌0	15♌38	28♌21	25°25	15♌43	0♃32	17♌56	28♌24	9♌24	8♌6	7♌23	5♋25

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	17s13	26n 1	5n 7	11s35	1n30	22s41	0s44	22n39	0n51	9n21	1s28	21n24	1s34	12s10	0s46	21s52	0n32	7s46	12n 8	14n53	14n44	14n22	16n34	6s47
T 2	17 30	23 21	5 17	12 13	1 24	22 54	0 47	22 39	0 54	9 19	1 28	21 23	1 34	12 10	0 46	21 52	0 32	7 47	12 8	14 52	14 43	14 19	16 33	6 47
W 3	17 47	19 43	5 12	12 49	1 18	23 7	0 49	22 38	0 57	9 17	1 28	21 23	1 34	12 10	0 46	21 52	0 32	7 47	12 8	14 52	14 42	14 17	16 33	6 48
T 4	18 3	15 20	4 54	13 26	1 11	23 19	0 51	22 38	1 0	9 15	1 28	21 22	1 34	12 10	0 46	21 52	0 32	7 48	12 8	14 52	14 41	14 14	16 32	6 48
F 5	18 19	10 23	4 23	14 2	1 5	23 30	0 54	22 38	1 0	9 12	1 27	21 22	1 34	12 10	0 46	21 52	0 32	7 49	12 8	14 53	14 40	14 11	16 32	6 49
S 6	18 34	5 2	3 41	14 37	0 58	23 41	0 56	22 37	1 6	9 10	1 27	21 22	1 34	12 10	0 46	21 52	0 32	7 49	12 8	14 53	14 39	14 8	16 31	6 49
S 7	18 49	0s34	2 49	15 12	0 51	23 51	0 58	22 36	1 9	9 8	1 27	21 21	1 34	12 10	0 46	21 51	0 32	7 50	12 8	14 53	14 38	14 5	16 31	6 50
M 8	19 4	6 15	1 48	15 47	0 44	24 0	1 1	22 35	1 12	9 6	1 27	21 21	1 34	12 9	0 46	21 51	0 32	7 50	12 8	14 54	14 37	14 2	16 31	6 50
T 9	19 19	11 49	0 41	16 21	0 38	24 8	1 3	22 34	1 15	9 4	1 26	21 21	1 34	12 9	0 46	21 51	0 32	7 51	12 7	14 54	14 36	14 0	16 30	6 51
W10	19 33	17 1	0s30	16 54	0 31	24 16	1 5	22 33	1 18	9 2	1 26	21 20	1 34	12 9	0 46	21 51	0 32	7 52	12 7	14 54	14 35	13 57	16 30	6 51
T 11	19 47	21 33	1 40	17 26	0 24	24 23	1 7	22 31	1 21	9 0	1 26	21 20	1 34	12 9	0 46	21 51	0 32	7 52	12 7	14 54	14 34	13 54	16 29	6 52
F 12	20 0 25	3 2 47	17 58	0 17	24 29	1 9	22 30	1 23	8 58	1 26	21 19	1 34	12 9	0 46	21 51	0 32	7 53	12 7	14 53	14 33	13 51	16 29	6 52	
S 13	20 13	27 11	3 45	18 29	0 10	24 35	1 12	22 28	1 26	8 56	1 25	21 19	1 34	12 8	0 46	21 50	0 32	7 53	12 7	14 52	14 32	13 48	16 29	6 53
S 14	20 26	27 40	4 31	18 59	0 3	24 40	1 14	22 27	1 29	8 55	1 25	21 19	1 34	12 8	0 46	21 50	0 32	7 54	12 7	14 51	14 31	13 45	16 28	6 53
M15	20 38	26 24	5 1	19 28	0s 4	24 44	1 16	22 25	1 31	8 53	1 25	21 18	1 34	12 8	0 46	21 50	0 32	7 54	12 7	14 50	14 30	13 42	16 28	6 54
T 16	20 50	23 29	5 14	19 56	0 10	24 47	1 18	22 23	1 34	8 51	1 25	21 18	1 34	12 7	0 46	21 50	0 32	7 55	12 7	14 50	14 29	13 40	16 28	6 54
W17	21 2 19	9 5 7	20 23	0 17	24 50	1 20	22 21	1 36	8 50	1 24	21 17	1 34	12 7	0 46	21 50	0 32	7 56	12 7	14 49	14 28	13 37	16 27	6 55	
T 18	21 13	13 44	4 42	20 50	0 24	24 52	1 21	22 19	1 39	8 49	1 24	21 17	1 34	12 7	0 46	21 49	0 32	7 56	12 7	14 49	14 27	13 34	16 27	6 55
F 19	21 24	7 37	4 0	21 15	0 30	24 53	1 23	22 17	1 41	8 47	1 24	21 16	1 34	12 6	0 46	21 49	0 32	7 57	12 7	14 49	14 26	13 31	16 27	6 56
S 20	21 34	1 9	3 4	21 39	0 37	24 53	1 25	22 14	1 44	8 46	1 24	21 16	1 34	12 6	0 46	21 49	0 32	7 57	12 7	14 50	14 25	13 28	16 27	6 56
S 21	21 44	5n22	1 56	22 3	0 43	24 52	1 27	22 12	1 46	8 45	1 23	21 16	1 34	12 6	0 45	21 49	0 32	7 58	12 7	14 50	14 24	13 25	16 26	6 56
M22	21 54	11 35	0 43	22 25	0 49	24 51	1 28	22 10	1 48	8 43	1 23	21 15	1 34	12 5	0 45	21 48	0 32	7 58	12 7	14 50	14 23	13 22	16 26	6 57
T 23	22 3	17 10	0n33	22 46	0 55	24 49	1 30	22 7	1 50	8 42	1 23	21 15	1 34	12 5	0 45	21 48	0 32	7 59	12 7	14 50	14 22	13 19	16 26	6 57
W24	22 11	21 49	1 45	23 6	1 7	24 46	1 32	22 5	1 52	8 41	1 22	21 14	1 34	12 4	0 45	21 48	0 32	7 59	12 7	14 50	14 21	13 16	16 26	6 58
T 25	22 20	25 13	2 50	23 24	1 7	24 43	1 33	22 3	1 54	8 40	1 22	21 14	1 33	12 4	0 45	21 48	0 32	7 59	12 7	14 49	14 20	13 14	16 25	6 58
F 26	22 27	27 12	3 45	23 42	1 12	24 39	1 34	22 0	1 56	8 39	1 22	21 13	1 33	12 3	0 45	21 48	0 32	8 0	12 7	14 48	14 19	13 11	16 25	6 58
S 27	22 35	27 39	4 27	23 58	1 17	24 34	1 36	21 58	1 58	8 39	1 22	21 13	1 33	12 3	0 45	21 47	0 32	8 0	12 7	14 46	14 18	13 8	16 25	6 59
S 28	22 42	26 38	4 55	24 13	1 23	24 28	1 37	21 56	2 0	8 38	1 21	21 13	1 33	12 2	0 45	21 47	0 32	8 1	12 7	14 44	14 17	13 5	16 25	6 59
M29	22 48	24 20	5 9	24 27	1 28	24 21	1 38	21 53	2 2	8 37	1 21	21 12	1 33	12 2	0 45	21 47	0 32	8 1	12 7	14 42	14 16	13 2	16 25	6 59
T 30	22s54	20n59																						

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	5 15 34	18°21'40	27°05'58	21°35	16°52	28°R 4	25°R23	15°R38	0°K33	17°58	28°M27	9°R20	8° 3	7°M30	5°R21
T 2	5 19 31	19°22'47	9°M51	23°10	18° 7	27°R48	25°Y21	15°II33	0°35	18° 0	28°29	9°R17	8° 0	7°37	5°R18
F 3	5 23 27	20°23'53	21°41	24°45	19°21	27°33	25°19	15°28	0°36	18° 2	28°31	9°D17	7°56	7°44	5°14
S 4	5 27 24	21°25'01	3°A36	26°21	20°35	27°19	25°18	15°23	0°38	18° 4	28°33	9°17	7°53	7°50	5°10
S 5	5 31 20	22°26'09	15°40	27°56	21°50	27° 5	25°16	15°18	0°40	18° 6	28°36	9°19	7°50	7°57	5° 6
M 6	5 35 17	23°27'19	27°58	29°32	23° 4	26°52	25°15	15°13	0°41	18° 8	28°38	9°20	7°47	8° 4	5° 2
T 7	5 39 13	24°28'28	10°M34	1°R 8	24°18	26°40	25°14	15° 9	0°43	18°11	28°40	9°R21	7°44	8°10	4°58
W 8	5 43 10	25°29'39	23°32	2°44	25°32	26°29	25°13	15° 4	0°45	18°13	28°42	9°20	7°40	8°17	4°54
T 9	5 47 7	26°30'50	6°A53	4°21	26°46	26°19	25°13	14°59	0°47	18°15	28°44	9°17	7°37	8°24	4°50
F 10	5 51 3	27°32'01	20°36	5°57	28° 1	26° 9	25°12	14°54	0°49	18°17	28°47	9°11	7°34	8°30	4°45
S 11	5 55 0	28°33'13	4°R41	7°34	29°15	26° 0	25°D12	14°49	0°51	18°19	28°49	9° 4	7°31	8°37	4°41
S 12	5 58 56	29°34'25	19° 1	9°11	0°A29	25°52	25°12	14°45	0°53	18°21	28°51	8°55	7°28	8°44	4°37
M13	6 2 53	0°R35'37	3°A30	10°47	1°43	25°45	25°13	14°40	0°55	18°24	28°53	8°47	7°25	8°51	4°33
T 14	6 6 49	1°36'49	18° 3	12°24	2°57	25°39	25°13	14°35	0°57	18°26	28°55	8°39	7°21	8°57	4°29
W15	6 10 46	2°38'01	2°K32	14° 1	4°11	25°33	25°14	14°31	0°59	18°28	28°57	8°33	7°18	9° 4	4°25
T 16	6 14 43	3°39'12	16°53	15°38	5°25	25°28	25°15	14°26	1° 1	18°30	28°59	8°30	7°15	9°11	4°21
F 17	6 18 39	4°40'23	1°Y 3	17°15	6°39	25°25	25°16	14°22	1° 4	18°32	29° 1	8°D28	7°12	9°17	4°16
S 18	6 22 36	5°41'34	15° 0	18°51	7°53	25°22	25°17	14°17	1° 6	18°35	29° 3	8°28	7° 9	9°24	4°12
S 19	6 26 32	6°42'45	28°45	20°27	9° 7	25°19	25°19	14°13	1° 8	18°37	29° 5	8°29	7° 5	9°31	4° 8
M20	6 30 29	7°43'55	12°R17	22° 2	10°21	25°18	25°20	14° 8	1°11	18°39	29° 7	8°R30	7° 2	9°38	4° 4
T 21	6 34 25	8°45'05	25°39	23°37	11°34	25°D17	25°22	14° 4	1°13	18°41	29° 9	8°28	6°59	9°44	4° 0
W22	6 38 22	9°46'14	8°II49	25°11	12°48	25°18	25°24	14° 0	1°15	18°44	29°11	8°24	6°56	9°51	3°56
T 23	6 42 18	10°47'23	21°49	26°44	14° 2	25°18	25°27	13°56	1°18	18°46	29°13	8°17	6°53	9°58	3°52
F 24	6 46 15	11°48'32	4°R38	28°15	15°15	25°20	25°29	13°52	1°20	18°48	29°15	8° 8	6°50	10° 4	3°47
S 25	6 50 12	12°49'41	17°16	29°45	16°29	25°23	25°32	13°48	1°23	18°50	29°17	7°56	6°46	10°11	3°43
S 26	6 54 8	13°50'49	29°42	1°A12	17°43	25°26	25°35	13°44	1°25	18°53	29°18	7°44	6°43	10°18	3°39
M27	6 58 5	14°51'57	11°R56	2°37	18°56	25°30	25°38	13°40	1°28	18°55	29°20	7°31	6°40	10°24	3°35
T 28	7 2 1	15°53'04	24° 1	3°59	20°10	25°34	25°41	13°36	1°31	18°57	29°22	7°19	6°37	10°31	3°31
W29	7 5 58	16°54'11	5°M57	5°18	21°23	25°40	25°45	13°32	1°33	18°59	29°24	7°10	6°34	10°38	3°27
T 30	7 9 54	17°55'18	17°47	6°32	22°36	25°46	25°49	13°29	1°36	19° 2	29°26	7° 3	6°31	10°45	3°23
F 31	7 13 51	18°56'25	29°M36	7°A41	23°A50	25°R52	25°Y53	13°II25	1°K39	19°R 4	29°M27	6°R59	6°R27	10°M51	3°R19

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	23s 0	16n48	4n54	24s51	1s37	24s 6	1s41	21n49	2n 5	8n36	1s20	21n11	1s33	12s 1	0s45	21s46	0n32	8s 2	12n 7	14n38	14n14	12n56	16n24	7s 0
T 2	23 5	12 1	4 28	25 1	1 41	23 57	1 42	21 47	2 6	8 36	1 20	21 11	1 33	12 0	0 45	21 46	0 32	8 2	12 7	14 38	14 13	12 53	16 24	7 0
F 3	23 9	6 49	3 50	25 9	1 45	23 48	1 43	21 45	2 8	8 35	1 20	21 11	1 33	11 59	0 45	21 46	0 32	8 3	12 7	14 38	14 12	12 50	16 24	7 0
S 4	23 14	1 20	3 1	25 16	1 49	23 38	1 44	21 43	2 9	8 35	1 19	21 10	1 33	11 59	0 45	21 46	0 32	8 3	12 7	14 38	14 11	12 47	16 24	7 1
S 5	23 17	4s16	2 5	25 22	1 53	23 27	1 44	21 41	2 10	8 35	1 19	21 10	1 32	11 58	0 45	21 45	0 32	8 4	12 7	14 38	14 10	12 44	16 24	7 1
M 6	23 21	9 49	1 1	25 26	1 56	23 15	1 45	21 39	2 12	8 34	1 19	21 9	1 32	11 58	0 45	21 45	0 32	8 4	12 8	14 39	14 9	12 41	16 24	7 1
T 7	23 23	15 8	0s 7	25 29	1 59	23 3	1 46	21 37	2 13	8 34	1 18	21 9	1 32	11 57	0 45	21 45	0 32	8 4	12 8	14 39	14 8	12 38	16 24	7 1
W 8	23 26	19 56	1 16	25 30	2 2	22 50	1 46	21 35	2 14	8 34	1 18	21 8	1 32	11 56	0 45	21 45	0 32	8 5	12 8	14 39	14 7	12 35	16 24	7 1
T 9	23 28	23 52	2 23	25 30	2 4	22 37	1 47	21 34	2 15	8 35	1 18	21 8	1 32	11 55	0 45	21 44	0 32	8 5	12 8	14 38	14 5	12 32	16 24	7 2
F 10	23 29	26 33	3 23	25 28	2 6	22 22	1 47	21 33	2 16	8 35	1 17	21 8	1 32	11 55	0 45	21 44	0 32	8 5	12 8	14 36	14 4	12 30	16 24	7 2
S 11	23 30	27 38	4 13	25 25	2 7	22 7	1 48	21 31	2 17	8 35	1 17	21 7	1 32	11 54	0 45	21 44	0 32	8 6	12 8	14 33	14 3	12 27	16 24	7 2
S 12	23 30	26 54	4 48	25 20	2 9	21 52	1 48	21 30	2 18	8 35	1 17	21 7	1 32	11 53	0 45	21 43	0 32	8 6	12 8	14 31	14 2	12 24	16 24	7 2
M13	23 30	24 21	5 5	25 13	2 9	21 36	1 48	21 29	2 18	8 36	1 17	21 6	1 31	11 52	0 45	21 43	0 31	8 6	12 8	14 28	14 1	12 21	16 24	7 2
T 14	23 30	20 15	5 2	25 5	2 10	21 19	1 49	21 28	2 19	8 36	1 16	21 6	1 31	11 52	0 45	21 43	0 31	8 7	12 8	14 25	14 0	12 18	16 24	7 2
W15	23 29	14 57	4 40	24 55	2 10	21 1	1 49	21 28	2 20	8 37	1 16	21 6	1 31	11 51	0 45	21 43	0 31	8 7	12 9	14 24	13 59	12 15	16 24	7 3
T 16	23 27	8 53	4 0	24 43	2 9	20 43	1 49	21 27	2 20	8 37	1 16	21 5	1 31	11 50	0 45	21 42	0 31	8 7	12 9	14 22	13 58	12 12	16 24	7 3
F 17	23 25	2 26	3 7	24 30	2 8	20 25	1 48	21 27	2 21	8 38	1 15	21 5	1 31	11 49	0 45	21 42	0 31	8 7	12 9	14 22	13 57	12 9	16 24	7 3
S 18	23 23	4n 3	2 2	24 16	2 6	20 6	1 48	21 27	2 21	8 39	1 15	21 5	1 31	11 48	0 45	21 42	0 31	8 8	12 9	14 22	13 56	12 6	16 24	7 3
S 19	23 20	10 15	0 52	23 59	2 4	19 46	1 48	21 27	2 22	8 40	1 15	21 4	1 30	11 48	0 45	21 41	0 31	8 8	12 9	14 22	13 55	12 3	16 24	7 3
M20	23 17	15 53	0n20	23 41	2 1	19 25	1 48	21 27	2 22	8 41	1 14	21 4	1 30	11 47	0 44	21 41	0 31	8 8	12 9	14 22	13 54	12 0	16 24	7 3
T 21	23 13	20 41	1 30	23 22	1 58	19 5	1 47	21 27	2 23	8 42	1 14	21 4	1 30	11 46	0 44	21 41	0 31	8 8	12 10	14 22	13 53	11 57	16 24	7 3
W22	23 9	24 22	2 34	23 1	1 53	18 43	1 47	21 27	2 23	8 43	1 14	21 3	1 30	11 45	0 44	21 41	0 31	8 9	12 10	14 21	13 52	11 54	16 24	7 3
T 23	23 4	26 44	3 29	22 39	1 49	18 21	1 46	21 28	2 23	8 44	1 13	21 3	1 30	11 44	0 44	21 40	0 31	8 9	12 10	14 18	13 51	11 51	16 24	7 3
F 24	22 59	27 38	4 13	22 15	1 43	17 59	1 45	21 28	2 24	8 45	1 13	21 3	1 30	11 43	0 44	21 40	0 31	8 9	12 10	14 15	13 50	11 48	16 24	7 3
S 25	22 53	27 4	4 43	21 50	1 36	17 36	1 45	21 29	2 24	8 46	1 13	21 2	1 29	11 42	0 44	21 40	0 31	8 9	12 10	14 12	13 49	11 45	16 24	7 3
S 26	22 47	25 8	4 59	21 24	1 29	17 13	1 44	21 30	2 24	8 48	1 12	21 2	1 29	11 41	0 44	21 39	0 31	8 9	12 11	14 8	13 48	11 42	16 25	7 3
M27	22 40	22 4	5 1	20 56	1 21	16 49	1 43	21 31	2 24	8 49	1 12	21 2	1 29	11 40	0 44	21 39	0 31	8 9	12 11	14 3	13 47	11 39	16 25	7 3
T 28	22 33	18 6	4 49	20 28	1 12	16 25	1 42	21 33	2 24	8 51	1 12	21 2	1 29	11 39	0 44	21 39	0 31	8 10	12 11	14 0	13 46	11 36	16 25	7 3
W29	22 26	13 28	4 25	20 0	1 2	16 0	1 41	21 34	2 25	8 52	1 12</													