

SWISS EPHEMERIS for the year 2005

JANUARY 2005

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	6 42 58	10♁39'58	9♁18	18♁24	19♁6	4♁21	17♁17	24°R56	3♁55	13♁51	22♁43	28°R56	28°Y19	16♁47	25♁33
S 2	6 46 55	11°41'07	21°32	19°32	20°21	5° 2	17°23	24♁51	3°57	13°53	22°46	28°Y51	28°16	16°54	25°38
M 3	6 50 52	12°42'16	4♁1	20°43	21°36	5°44	17°28	24°46	4° 0	13°55	22°48	28°49	28°13	17° 1	25°43
T 4	6 54 48	13°43'25	16°49	21°56	22°51	6°25	17°34	24°42	4° 2	13°57	22°50	28°D49	28°10	17° 7	25°49
W 5	6 58 45	14°44'35	0♁0	23°10	24° 6	7° 7	17°39	24°37	4° 4	13°59	22°52	28°R49	28° 7	17°14	25°54
T 6	7 2 41	15°45'45	13°38	24°27	25°22	7°48	17°44	24°32	4° 7	14° 1	22°54	28°49	28° 3	17°21	25°59
F 7	7 6 38	16°46'55	27°45	25°45	26°37	8°29	17°49	24°27	4°10	14° 3	22°56	28°46	28° 0	17°27	26° 4
S 8	7 10 34	17°48'05	12♁21	27° 4	27°52	9°11	17°53	24°22	4°12	14° 5	22°58	28°40	27°57	17°34	26°10
S 9	7 14 31	18°49'15	27°21	28°24	29° 7	9°53	17°58	24°17	4°15	14° 7	23° 1	28°32	27°54	17°41	26°15
M10	7 18 28	19°50'26	12♁38	29°46	0♁22	10°34	18° 2	24°12	4°17	14° 9	23° 3	28°22	27°51	17°48	26°20
T 11	7 22 24	20°51'36	28° 1	1♁8	1°37	11°16	18° 6	24° 7	4°20	14°11	23° 5	28°10	27°48	17°54	26°26
W12	7 26 21	21°52'45	13♁17	2°32	2°52	11°57	18°10	24° 2	4°23	14°14	23° 7	27°58	27°44	18° 1	26°31
T 13	7 30 17	22°53'54	28°15	3°56	4° 8	12°39	18°14	23°58	4°26	14°16	23° 9	27°49	27°41	18° 8	26°36
F 14	7 34 14	23°55'03	12♁49	5°22	5°23	13°21	18°18	23°53	4°28	14°18	23°11	27°41	27°38	18°14	26°42
S 15	7 38 10	24°56'11	26°53	6°48	6°38	14° 2	18°21	23°48	4°31	14°20	23°13	27°37	27°35	18°21	26°47
S 16	7 42 7	25°57'18	10°Y27	8°14	7°53	14°44	18°24	23°43	4°34	14°22	23°15	27°35	27°32	18°28	26°52
M17	7 46 3	26°58'24	23°33	9°42	9° 8	15°26	18°27	23°38	4°37	14°24	23°17	27°34	27°29	18°35	26°58
T 18	7 50 0	27°59'29	6♁15	11°10	10°23	16° 8	18°30	23°33	4°40	14°27	23°19	27°34	27°25	18°41	27° 3
W19	7 53 57	29° 0'34	18°39	12°39	11°39	16°50	18°33	23°28	4°43	14°29	23°21	27°33	27°22	18°48	27° 8
T 20	7 57 53	0♁1'38	0♁48	14° 8	12°54	17°31	18°36	23°23	4°46	14°31	23°23	27°30	27°19	18°55	27°14
F 21	8 1 50	1° 2'41	12°48	15°39	14° 9	18°13	18°38	23°18	4°49	14°33	23°24	27°24	27°16	19° 2	27°19
S 22	8 5 46	2° 3'43	24°42	17° 9	15°24	18°55	18°40	23°13	4°52	14°35	23°26	27°16	27°13	19° 8	27°24
S 23	8 9 43	3° 4'44	6♁34	18°41	16°39	19°37	18°42	23° 8	4°55	14°38	23°28	27° 4	27° 9	19°15	27°30
M24	8 13 39	4° 5'45	18°26	20°13	17°54	20°19	18°44	23° 4	4°58	14°40	23°30	26°50	27° 6	19°22	27°35
T 25	8 17 36	5° 6'44	0♁19	21°45	19°10	21° 1	18°46	22°59	5° 1	14°42	23°32	26°35	27° 3	19°28	27°40
W26	8 21 32	6° 7'43	12°16	23°18	20°25	21°43	18°47	22°54	5° 4	14°44	23°34	26°21	27° 0	19°35	27°46
T 27	8 25 29	7° 8'41	24°16	24°52	21°40	22°25	18°48	22°49	5° 7	14°47	23°35	26° 7	26°57	19°42	27°51
F 28	8 29 26	8° 9'38	6♁22	26°27	22°55	23° 7	18°49	22°45	5°10	14°49	23°37	25°56	26°54	19°49	27°56
S 29	8 33 22	9°10'34	18°34	28° 2	24°10	23°49	18°50	22°40	5°14	14°51	23°39	25°48	26°50	19°55	28° 1
S 30	8 37 19	10°11'30	0♁56	29°38	25°25	24°31	18°51	22°35	5°17	14°54	23°41	25°42	26°47	20° 2	28° 7
M31	8 41 15	11♁12'24	13♁29	1♁14	26♁41	25♁14	18♁51	22♁31	5♁20	14♁56	23♁42	25♁40	26♁44	20♁9	28♁12

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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	23s 1	11n39	3n51	21s17	1n39	22s15	0n44	20s52	0n 9	5s36	1n18	21n 8	0s 1	10s46	0s45	16s46	0s 5	15s12	8n 3	11n 6	10n53	27n23	14s40	6n28
S 2	22 56	6 10	3 4	21 32	1 30	22 24	0 42	21 0	0 9	5 37	1 18	21 9	0 1	10 45	0 45	16 45	0 5	15 12	8 3	11 4	10 52	27 23	14 40	6 28
M 3	22 50	0 21	2 7	21 45	1 22	22 31	0 39	21 8	0 8	5 39	1 18	21 10	0 1	10 44	0 45	16 44	0 6	15 12	8 3	11 3	10 50	27 22	14 39	6 28
T 4	22 44	5s38	1 3	21 59	1 13	22 38	0 37	21 15	0 8	5 41	1 18	21 11	0 1	10 43	0 45	16 44	0 6	15 13	8 3	11 3	10 49	27 21	14 38	6 28
W 5	22 38	11 34	0s 6	22 12	1 4	22 44	0 34	21 23	0 7	5 43	1 19	21 12	0 0	10 42	0 45	16 43	0 6	15 13	8 3	11 3	10 48	27 20	14 37	6 27
T 6	22 31	17 10	1 18	22 24	0 56	22 50	0 32	21 31	0 6	5 45	1 19	21 13	0 0	10 41	0 44	16 43	0 6	15 13	8 3	11 3	10 47	27 20	14 36	6 27
F 7	22 23	22 2	2 27	22 35	0 47	22 55	0 29	21 38	0 6	5 46	1 19	21 14	0 0	10 41	0 44	16 42	0 6	15 13	8 3	11 2	10 46	27 19	14 35	6 27
S 8	22 15	25 43	3 28	22 46	0 39	22 59	0 27	21 45	0 5	5 48	1 19	21 15	0 0	10 40	0 44	16 42	0 6	15 13	8 3	11 0	10 45	27 18	14 34	6 27
S 9	22 7	27 42	4 17	22 55	0 30	23 2	0 24	21 52	0 4	5 49	1 20	21 16	0n 0	10 39	0 44	16 41	0 6	15 13	8 3	10 57	10 44	27 17	14 34	6 27
M10	21 58	27 38	4 49	23 4	0 22	23 5	0 21	21 58	0 4	5 51	1 20	21 17	0 0	10 38	0 44	16 40	0 6	15 13	8 3	10 54	10 43	27 17	14 33	6 27
T 11	21 49	25 27	5 0	23 12	0 14	23 7	0 19	22 5	0 3	5 52	1 20	21 18	0 0	10 37	0 44	16 40	0 6	15 13	8 3	10 49	10 41	27 16	14 32	6 27
W12	21 40	21 27	4 50	23 19	0 6	23 8	0 16	22 11	0 2	5 53	1 20	21 19	0 0	10 36	0 44	16 39	0 6	15 13	8 3	10 45	10 40	27 15	14 31	6 27
T 13	21 30	16 8	4 19	23 25	0s 2	23 9	0 14	22 17	0 1	5 54	1 21	21 19	0 0	10 34	0 44	16 38	0 6	15 13	8 3	10 42	10 39	27 14	14 30	6 27
F 14	21 19	10 1	3 33	23 29	0 9	23 9	0 11	22 23	0 1	5 56	1 21	21 20	0 1	10 33	0 44	16 38	0 6	15 13	8 3	10 39	10 38	27 14	14 29	6 27
S 15	21 9	3 36	2 34	23 33	0 17	23 8	0 9	22 29	0 0	5 57	1 21	21 21	0 1	10 32	0 44	16 37	0 6	15 14	8 3	10 37	10 37	27 13	14 28	6 27
S 16	20 57	2n46	1 29	23 35	0 24	23 6	0 6	22 35	0s 1	5 58	1 21	21 22	0 1	10 31	0 44	16 37	0 6	15 14	8 3	10 37	10 36	27 12	14 27	6 27
M17	20 46	8 49	0 21	23 36	0 31	23 4	0 3	22 40	0 1	5 59	1 22	21 23	0 1	10 30	0 44	16 36	0 6	15 14	8 3	10 37	10 35	27 11	14 26	6 27
T 18	20 34	14 20	0n46	23 36	0 38	23 1	0 1	22 45	0 2	5 59	1 22	21 24	0 1	10 29	0 44	16 35	0 6	15 14	8 3	10 37	10 33	27 10	14 25	6 27
W19	20 22	19 7	1 49	23 35	0 45	22 58	0s 2	22 50	0 3	6 0	1 22	21 25	0 1	10 28	0 44	16 35	0 6	15 14	8 3	10 36	10 32	27 10	14 24	6 27
T 20	20 9	23 1	2 46	23 33	0 52	22 53	0 4	22 55	0 3	6 1	1 22	21 26	0 1	10 27	0 44	16 34	0 6	15 14	8 3	10 35	10 31	27 9	14 23	6 27
F 21	19 56	25 53	3 34	23 29	0 58	22 48	0 7	22 59	0 4	6 2	1 23	21 27	0 1	10 26	0 44	16 33	0 6	15 14	8 3	10 33	10 30	27 8	14 22	6 27
S 22	19 42	27 33	4 13	23 24	1 4	22 42	0 9	23 4	0 5	6 2	1 23	21 28	0 1	10 25	0 44	16 33	0 6	15 14	8 3	10 30	10 29	27 7	14 21	6 27
S 23	19 28	27 57	4 41	23 17	1 10	22 36	0 12	23 8	0 6	6 3	1 23	21 29	0 2	10 24	0 44	16 32	0 6	15 14	8 4	10 26	10 28	27 6	14 20	6 27
M24	19 14	27 3	4 56	23 10	1 15	22 29	0 14	23 12	0 6	6 3	1 23	21 30	0 2	10 22	0 44	16 32	0 6	15 14	8 4	10 21	10 27	27 5	14 19	6 27
T 25	18 59	24 56	4 59	23 1	1 21	22 21	0 17	23 15	0 7	6 4	1 24	21 31	0 2	10 21	0 44	16 31	0 6	15 14	8 4	10 15	10 25	27 4	14 18	6 27
W26	18 44	21 43	4 48	22 50	1 26	22 12	0 19	23 19	0 8	6 4	1 24	21 32	0 2	10 20	0 44	16 30	0 6	15 14	8 4	10 10	10 24	27 4	14 17	6 27
T 27	18 29	17 35	4 25	22 39	1 31	22 3	0 22	23 22	0 9	6 4	1 24	21 33	0 2	10 19	0 44	16 30	0 6	15 14	8 4	10 5	10 23	27 3	14 16	6 27
F 28	18 14	12 43	3 49	22 25	1 35	21 53	0 24	23 25	0 9	6 4	1 24	21 33	0 2	10 18	0 44	16 29	0 6	15 14	8 4	10 1	10 22	27 2	14 1	

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T 1	8 45 12	12°13'18	26°17	2°51	27°56	25°56	18°52	22°R26	5°K23	14°58	23°A44	25°D39	26°Y41	20°E15	28°S17								
W 2	8 49 8	13°14'12	9°M24	4°29	29°11	26°38	18°R52	22°E22	5°26	15° 0	23°46	25°R39	26°38	20°22	28°22								
T 3	8 53 5	14°15'04	22°54	6° 7	0°26	27°20	18°52	22°17	5°30	15° 3	23°47	25°Y39	26°35	20°29	28°27								
F 4	8 57 1	15°15'56	6°A48	7°47	1°41	28° 3	18°51	22°13	5°33	15° 5	23°49	25°37	26°31	20°36	28°33								
S 5	9 0 58	16°16'47	21° 8	9°27	2°56	28°45	18°51	22° 9	5°36	15° 7	23°50	25°33	26°28	20°42	28°38								
S 6	9 4 55	17°17'37	5°S51	11° 8	4°11	29°27	18°50	22° 5	5°40	15° 9	23°52	25°26	26°25	20°49	28°43								
M 7	9 8 51	18°18'26	20°52	12°49	5°27	0°S10	18°49	22° 0	5°43	15°12	23°53	25°17	26°22	20°56	28°48								
T 8	9 12 48	19°19'14	6°A 4	14°31	6°42	0°52	18°48	21°56	5°46	15°14	23°55	25° 7	26°19	21° 3	28°53								
W 9	9 16 44	20°20'01	21°14	16°15	7°57	1°34	18°47	21°52	5°50	15°16	23°56	24°57	26°15	21° 9	28°58								
T 10	9 20 41	21°20'46	6°K13	17°58	9°12	2°17	18°46	21°48	5°53	15°19	23°58	24°48	26°12	21°16	29° 3								
F 11	9 24 37	22°21'30	20°52	19°43	10°27	2°59	18°44	21°44	5°56	15°21	23°59	24°41	26° 9	21°23	29° 8								
S 12	9 28 34	23°22'13	5°Y 4	21°29	11°42	3°42	18°42	21°40	6° 0	15°23	24° 1	24°37	26° 6	21°29	29°13								
S 13	9 32 30	24°22'54	18°47	23°15	12°57	4°24	18°40	21°37	6° 3	15°25	24° 2	24°D35	26° 3	21°36	29°18								
M14	9 36 27	25°23'33	2°B 1	25° 2	14°12	5° 7	18°38	21°33	6° 7	15°28	24° 3	24°35	26° 0	21°43	29°23								
T 15	9 40 24	26°24'10	14°50	26°50	15°27	5°50	18°36	21°29	6°10	15°30	24° 5	24°36	25°56	21°50	29°28								
W16	9 44 20	27°24'46	27°17	28°39	16°43	6°32	18°33	21°26	6°13	15°32	24° 6	24°R37	25°53	21°56	29°33								
T 17	9 48 17	28°25'20	9°I28	0°K29	17°58	7°15	18°31	21°22	6°17	15°34	24° 7	24°36	25°50	22° 3	29°38								
F 18	9 52 13	29°25'53	21°28	2°19	19°13	7°57	18°28	21°19	6°20	15°37	24° 8	24°33	25°47	22°10	29°42								
S 19	9 56 10	0°K26'23	3°E21	4°10	20°28	8°40	18°25	21°16	6°24	15°39	24° 9	24°28	25°44	22°17	29°47								
S 20	10 0 6	1°26'52	15°12	6° 1	21°43	9°23	18°21	21°13	6°27	15°41	24°11	24°21	25°41	22°23	29°52								
M21	10 4 3	2°27'19	27° 4	7°53	22°58	10° 5	18°18	21°10	6°31	15°43	24°12	24°12	25°37	22°30	29°57								
T 22	10 7 59	3°27'45	9°O 0	9°46	24°13	10°48	18°14	21° 7	6°34	15°45	24°13	24° 2	25°34	22°37	0° 1								
W23	10 11 56	4°28'08	21° 2	11°38	25°28	11°31	18°11	21° 4	6°37	15°48	24°14	23°51	25°31	22°43	0° 6								
T 24	10 15 53	5°28'30	3°M11	13°31	26°43	12°14	18° 7	21° 1	6°41	15°50	24°15	23°42	25°28	22°50	0°10								
F 25	10 19 49	6°28'50	15°29	15°24	27°58	12°57	18° 3	20°58	6°44	15°52	24°16	23°35	25°25	22°57	0°15								
S 26	10 23 46	7°29'08	27°55	17°17	29°13	13°39	17°58	20°55	6°48	15°54	24°17	23°29	25°21	23° 4	0°20								
S 27	10 27 42	8°29'25	10°A32	19° 9	0°K28	14°22	17°54	20°53	6°51	15°56	24°18	23°26	25°18	23°10	0°24								
M28	10 31 39	9°K29'40	23°A20	21°K 1	1°K43	15°S 5	17°A49	20°E50	6°K55	15°58	24°A19	23°D26	25°Y15	23°E17	0°28								

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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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
T 1	17s 8	10s12	0s 3	21s19	1s51	21s 7	0s33	23s35	0s12	6s 4	1n25	21n37	0n 3	10s13	0s44	16s26	0s 6	15s14	8n 4	9n55	10n17	26n58	14s10	6n28																				
W 2	16 51	15 46	1 12	20 59	1 54	20 54	0 36	23 37	0 13	6 4	1 26	21 38	0 3	10 12	0 44	16 26	0 6	15 14	8 4	9 55	10 16	26 57	14 9	6 28																				
T 3	16 33	20 44	2 19	20 37	1 56	20 41	0 38	23 39	0 14	6 4	1 26	21 38	0 3	10 11	0 44	16 25	0 6	15 14	8 5	9 55	10 15	26 56	14 8	6 28																				
F 4	16 16	24 44	3 20	20 14	1 59	20 26	0 40	23 40	0 15	6 3	1 26	21 39	0 3	10 9	0 44	16 24	0 6	15 14	8 5	9 54	10 14	26 55	14 7	6 28																				
S 5	15 58	27 18	4 10	19 50	2 1	20 11	0 42	23 42	0 16	6 3	1 27	21 40	0 3	10 8	0 44	16 24	0 6	15 14	8 5	9 53	10 13	26 54	14 6	6 28																				
S 6	15 39	28 3	4 45	19 24	2 3	19 56	0 44	23 43	0 16	6 3	1 27	21 41	0 3	10 7	0 44	16 23	0 6	15 14	8 5	9 50	10 12	26 53	14 4	6 29																				
M 7	15 21	26 47	5 1	18 57	2 4	19 40	0 46	23 44	0 17	6 2	1 27	21 42	0 3	10 6	0 44	16 22	0 6	15 13	8 5	9 47	10 10	26 52	14 3	6 29																				
T 8	15 2	23 33	4 57	18 28	2 5	19 23	0 48	23 44	0 18	6 1	1 27	21 42	0 3	10 5	0 44	16 22	0 6	15 13	8 5	9 43	10 9	26 51	14 2	6 29																				
W 9	14 43	18 42	4 31	17 58	2 5	19 6	0 50	23 45	0 19	6 1	1 28	21 43	0 3	10 3	0 44	16 21	0 6	15 13	8 5	9 40	10 8	26 50	14 1	6 29																				
T 10	14 23	12 45	3 48	17 26	2 5	18 48	0 52	23 45	0 20	6 0	1 28	21 44	0 3	10 2	0 44	16 20	0 6	15 13	8 5	9 36	10 7	26 49	14 0	6 29																				
F 11	14 4	6 13	2 49	16 53	2 5	18 29	0 54	23 45	0 21	5 59	1 28	21 45	0 4	10 1	0 44	16 20	0 6	15 13	8 5	9 34	10 6	26 48	13 59	6 29																				
S 12	13 44	0n27	1 42	16 18	2 4	18 11	0 56	23 45	0 21	5 58	1 28	21 45	0 4	10 0	0 44	16 19	0 6	15 13	8 6	9 32	10 5	26 47	13 57	6 30																				
S 13	13 24	6 53	0 31	15 42	2 3	17 51	0 58	23 44	0 22	5 57	1 29	21 46	0 4	9 58	0 44	16 18	0 6	15 13	8 6	9 32	10 4	26 46	13 56	6 30																				
M14	13 3	12 48	0n40	15 5	2 1	17 31	1 0	23 44	0 23	5 56	1 29	21 47	0 4	9 57	0 44	16 18	0 6	15 13	8 6	9 32	10 2	26 45	13 55	6 30																				
T 15	12 43	17 59	1 46	14 26	1 59	17 11	1 1	23 43	0 24	5 55	1 29	21 47	0 4	9 56	0 44	16 17	0 6	15 13	8 6	9 32	10 1	26 44	13 54	6 30																				
W16	12 22	22 14	2 46	13 46	1 56	16 50	1 3	23 41	0 25	5 54	1 29	21 48	0 4	9 54	0 44	16 16	0 6	15 13	8 6	9 32	10 0	26 43	13 53	6 30																				
T 17	12 1	25 26	3 36	13 4	1 53	16 28	1 5	23 40	0 26	5 53	1 29	21 49	0 4	9 53	0 44	16 16	0 6	15 13	8 6	9 32	9 59	26 42	13 51	6 31																				
F 18	11 40	27 26	4 16	12 21	1 49	16 7	1 6	23 38	0 26	5 51	1 30	21 49	0 4	9 52	0 44	16 15	0 6	15 13	8 6	9 31	9 58	26 41	13 50	6 31																				
S 19	11 19	28 9	4 45	11 37	1 45	15 44	1 8	23 37	0 27	5 50	1 30	21 50	0 4	9 51	0 44	16 15	0 6	15 13	8 7	9 29	9 57	26 40	13 49	6 31																				
S 20	10 58	27 34	5 2	10 51	1 40	15 22	1 9	23 35	0 28	5 48	1 30	21 51	0 4	9 49	0 44	16 14	0 6	15 12	8 7	9 26	9 55	26 39	13 48	6 31																				
M21	10 36	25 44	5 5	10 4	1 34	14 58	1 11	23 32	0 29	5 47	1 30	21 51	0 5	9 48	0 44	16 13	0 6	15 12	8 7	9 23	9 54	26 38	13 47	6 32																				
T 22	10 14	22 45	4 55	9 16	1 28	14 35	1 12	23 30	0 30	5 45	1 31	21 52	0 5	9 47	0 44	16 13	0 6	15 12	8 7	9 19	9 53	26 37	13 45	6 32																				
W23	9 52	18 47	4 32	8 27	1 22	14 11	1 13	23 27	0 31	5 44	1 31	21 52	0 5	9 46	0 44	16 12	0 6	15 12	8 7	9 16	9 52	26 36	13 44	6 32																				
T 24	9 30	14 1	3 57	7 37	1 14	13 47	1 14	23 24	0 32	5 42	1 31	21 53	0 5	9 44	0 44	16 11	0 6	15 12	8 7	9 12	9 51	26 34	13 43	6 32																				
F 25	9 8	8 38	3 10	6 46	1 6	13 22	1 16	23 21	0 32	5 40	1 31	21 53	0 5	9 43	0 44	16 11	0 6	15 12	8 8	9 9	9 50	26 33	13 42	6 33																				
S 26	8 46	2 52	2 13	5 55	0 58	12 57	1 17	23 18	0 33	5 38	1 31	21 54	0 5	9 42	0 44	16 10	0 6	15 12	8 8	9 7	9 49	26 32	13 41	6 33																				
S 27	8 23	3s 7	1 9	5 2	0 48	12 31	1 18	23 14	0 34	5 37	1 32	21 54	0 5	9 40	0 44	16 9	0 6	15 12	8 8	9 6	9 47	26 31	13 39	6 33																				
M28	8s 1	9s 4	0n 0	4s 9	0s39	12s 6	1s19	23s10	0s35	5s35	1n32	21n55	0n 5	9s39	0s44	16s 9	0s 6	15s12	8n 8	9n 6	9n46	26n30	13s38	6n34																				

Julian Day Number = 2453402.5, Delta T = 64.70 sec
 Ecliptic obliquity = 23°26'27", Nutation = - 0°00'06"
 Ayanamsha: Fagan/Bradley = 24°48'41", Lahiri = 23°55'41"

SWISS EPHEMERIS for the year 2005

MARCH 2005

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	10 35 35	10 ^h 29'54"	6 ^m 21"	22 ^h 51'	2 ^h 58'	15 ^h 48'	17°R44	20°R48	6 ^h 58'	16 ^h 1	24 ^h 20'	23 ^h 26'	25 ^h 12'	23 ^h 24'	0 ^h 33'
W 2	10 39 32	11°30'06"	19°36"	24°40'	4°13'	16°31'	17 ^h 40'	20 ^h 34'	7° 2'	16° 3'	24°20'	23°28'	25° 9'	23°30'	0°37'
T 3	10 43 28	12°30'17"	3 ^m 8"	26°27'	5°28'	17°14'	17°34'	20°44'	7° 5'	16° 5'	24°21'	23°29'	25° 6'	23°37'	0°42'
F 4	10 47 25	13°30'26"	16°57"	28°12'	6°42'	17°57'	17°29'	20°42'	7° 8'	16° 7'	24°22'	23°R29'	25° 2'	23°44'	0°46'
S 5	10 51 22	14°30'34"	1 ^m 4"	29°53'	7°57'	18°40'	17°24'	20°40'	7°12'	16° 9'	24°23'	23°28'	24°59'	23°51'	0°50'
S 6	10 55 18	15°30'40"	15°29'	1 ^h 32'	9°12'	19°23'	17°18'	20°38'	7°15'	16°11'	24°23'	23°25'	24°56'	23°57'	0°54'
M 7	10 59 15	16°30'45"	0 ^m 7"	3° 7'	10°27'	20° 6'	17°13'	20°36'	7°19'	16°13'	24°24'	23°21'	24°53'	24° 4'	0°58'
T 8	11 3 11	17°30'48"	14°53'	4°37'	11°42'	20°49'	17° 7'	20°35'	7°22'	16°15'	24°25'	23°15'	24°50'	24°11'	1° 2'
W 9	11 7 8	18°30'49"	29°40'	6° 2'	12°57'	21°32'	17° 1'	20°33'	7°26'	16°17'	24°25'	23°10'	24°46'	24°18'	1° 7'
T 10	11 11 4	19°30'48"	14 ^h 21'	7°22'	14°12'	22°15'	16°55'	20°32'	7°29'	16°19'	24°26'	23° 5'	24°43'	24°24'	1°11'
F 11	11 15 1	20°30'46"	28°47'	8°36'	15°27'	22°58'	16°49'	20°31'	7°32'	16°21'	24°27'	23° 1'	24°40'	24°31'	1°14'
S 12	11 18 57	21°30'41"	12 ^h 53'	9°43'	16°41'	23°42'	16°43'	20°29'	7°36'	16°23'	24°27'	23° 0'	24°37'	24°38'	1°18'
S 13	11 22 54	22°30'35"	26°35'	10°44'	17°56'	24°25'	16°36'	20°28'	7°39'	16°25'	24°28'	22°D59'	24°34'	24°44'	1°22'
M14	11 26 51	23°30'26"	9 ^h 53'	11°37'	19°11'	25° 8'	16°30'	20°27'	7°42'	16°27'	24°28'	23° 0'	24°31'	24°51'	1°26'
T 15	11 30 47	24°30'16"	22°47'	12°22'	20°26'	25°51'	16°23'	20°26'	7°46'	16°29'	24°28'	23° 2'	24°27'	24°58'	1°30'
W16	11 34 44	25°30'03"	5 ^h 20'	12°59'	21°41'	26°34'	16°16'	20°26'	7°49'	16°31'	24°29'	23° 3'	24°24'	25° 5'	1°33'
T 17	11 38 40	26°29'48"	17°35'	13°29'	22°55'	27°18'	16° 9'	20°25'	7°52'	16°32'	24°29'	23° 5'	24°21'	25°11'	1°37'
F 18	11 42 37	27°29'30"	29°38'	13°49'	24°10'	28° 1'	16° 2'	20°25'	7°56'	16°34'	24°30'	23°R 5'	24°18'	25°18'	1°41'
S 19	11 46 33	28°29'11"	11 ^h 33'	14° 2'	25°25'	28°44'	15°55'	20°24'	7°59'	16°36'	24°30'	23° 4'	24°15'	25°25'	1°44'
S 20	11 50 30	29°28'49"	23°25'	14°R 6'	26°40'	29°27'	15°48'	20°24'	8° 2'	16°38'	24°30'	23° 2'	24°12'	25°31'	1°48'
M21	11 54 26	0 ^h 28'25"	5 ^h 19'	14° 2'	27°54'	0 ^h 11'	15°41'	20°24'	8° 6'	16°40'	24°30'	22°59'	24° 8'	25°38'	1°51'
T 22	11 58 23	1°27'58"	17°17'	13°50'	29° 9'	0°54'	15°34'	20°D24'	8° 9'	16°41'	24°30'	22°56'	24° 5'	25°45'	1°54'
W23	12 2 20	2°27'30"	29°24'	13°31'	0 ^h 24'	1°37'	15°27'	20°24'	8°12'	16°43'	24°31'	22°53'	24° 2'	25°52'	1°58'
T 24	12 6 16	3°26'59"	11 ^h 42'	13° 5'	1°38'	2°21'	15°19'	20°24'	8°15'	16°45'	24°31'	22°49'	23°59'	25°58'	2° 1'
F 25	12 10 13	4°26'26"	24°12'	12°33'	2°53'	3° 4'	15°12'	20°24'	8°18'	16°47'	24°31'	22°47'	23°56'	26° 5'	2° 4'
S 26	12 14 9	5°25'51"	6 ^h 55'	11°55'	4° 7'	3°48'	15° 4'	20°24'	8°22'	16°48'	24°31'	22°45'	23°52'	26°12'	2° 7'
S 27	12 18 6	6°25'13"	19°52'	11°12'	5°22'	4°31'	14°57'	20°25'	8°25'	16°50'	24°R31'	22°D45'	23°49'	26°19'	2°10'
M28	12 22 2	7°24'34"	3 ^h 16'	10°26'	6°37'	5°14'	14°49'	20°26'	8°28'	16°52'	24°31'	22°45'	23°46'	26°25'	2°13'
T 29	12 25 59	8°23'53"	16°26'	9°38'	7°51'	5°58'	14°42'	20°26'	8°31'	16°53'	24°31'	22°46'	23°43'	26°32'	2°16'
W30	12 29 55	9°23'11"	0 ^h 2'	8°47'	9° 6'	6°41'	14°34'	20°27'	8°34'	16°55'	24°31'	22°47'	23°40'	26°39'	2°19'
T 31	12 33 52	10°22'26"	13 ^h 49'	7°57'	10°20'	7°25'	14°26'	20°28'	8°37'	16°56'	24°31'	22°48'	23°37'	26°45'	2°22'

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	7s38	14s44	1s 9	3s16	0s28	11s39	1s20	23s 6	0s36	5s33	1n32	21n55	0n 5	9s38	0s44	16s 8
W 2	7 15 19	50 2 17	2 23	0 17	11 13	1 21	23 2	0 37	5 31	1 32	21 56	0 5	9 37	0 44	16 8	0 6
T 3	6 52 24	2 3 18	1 30	0 5	10 46	1 21	22 57	0 38	5 28	1 32	21 56	0 6	9 35	0 44	16 7	0 6
F 4	6 29 26	57 4 10	0 37	0n 7	10 19	1 22	22 53	0 39	5 26	1 33	21 56	0 6	9 34	0 44	16 6	0 6
S 5	6 6 28	13 4 40	0n15	0 19	9 52	1 23	22 48	0 40	5 24	1 33	21 57	0 6	9 33	0 44	16 6	0 6
S 6	5 43 27	38 5 7	1 6	0 32	9 25	1 24	22 43	0 41	5 22	1 33	21 57	0 6	9 32	0 44	16 5	0 6
M 7	5 19 25	9 5 8	1 56	0 45	8 57	1 24	22 37	0 42	5 20	1 33	21 58	0 6	9 30	0 44	16 5	0 6
T 8	4 56 20	58 4 49	2 44	0 59	8 29	1 25	22 32	0 42	5 17	1 33	21 58	0 6	9 29	0 44	16 4	0 6
W 9	4 33 15	29 4 10	3 30	1 12	8 0	1 25	22 26	0 43	5 15	1 33	21 58	0 6	9 28	0 44	16 3	0 6
T 10	4 9 9	10 3 15	4 14	1 26	7 32	1 25	22 20	0 44	5 12	1 34	21 58	0 6	9 26	0 44	16 3	0 6
F 11	3 46 2 27	2 8 4	5 6	1 39	7 3	1 26	22 14	0 45	5 10	1 34	21 59	0 6	9 25	0 44	16 2	0 6
S 12	3 22 4n15	0 55 5 35	1 53	6 34	1 26	22 7	0 46	5 7	1 34	21 59	0 6	9 24	0 44	16 2	0 6	
S 13	2 58 10 34	0n20 6 11	2 6	6 5	1 26	22 1	0 47	5 5	1 34	21 59	0 6	9 23	0 44	16 1	0 6	
M14	2 35 16 13	1 31 6 43	2 18	5 36	1 26	21 54	0 48	5 2	1 34	22 0	0 7	9 21	0 44	16 0	0 6	
T 15	2 11 20 59	2 36 7 12	2 30	5 7	1 26	21 47	0 49	4 59	1 34	22 0	0 7	9 20	0 44	16 0	0 6	
W16	1 47 24 39	3 31 7 37	2 41	4 37	1 26	21 40	0 50	4 57	1 34	22 0	0 7	9 19	0 44	15 59	0 6	
T 17	1 24 27 6	4 16 7 57	2 52	4 8	1 26	21 32	0 51	4 54	1 35	22 0	0 7	9 18	0 44	15 59	0 6	
F 18	1 0 28 15	4 48 8 14	3 1	3 38	1 26	21 25	0 52	4 51	1 35	22 0	0 7	9 17	0 44	15 58	0 6	
S 19	0 36 28 3	5 8 8 26	3 9	3 8	1 26	21 17	0 53	4 48	1 35	22 0	0 7	9 15	0 44	15 58	0 6	
S 20	0 12 26 34	5 14 8 34	3 16	2 38	1 26	21 9	0 54	4 46	1 35	22 1	0 7	9 14	0 44	15 57	0 6	
M21	0n11 23 54	5 7 8 38	3 22	2 8	1 25	21 0	0 55	4 43	1 35	22 1	0 7	9 13	0 44	15 57	0 6	
T 22	0 35 20 12	4 46 8 37	3 26	1 38	1 25	20 52	0 56	4 40	1 35	22 1	0 7	9 12	0 44	15 56	0 6	
W23	0 59 15 37	4 13 8 32	3 28	1 8	1 24	20 43	0 57	4 37	1 35	22 1	0 7	9 11	0 44	15 56	0 6	
T 24	1 22 10 22	3 27 8 22	3 29	0 38	1 24	20 35	0 58	4 34	1 35	22 1	0 7	9 9	0 44	15 55	0 6	
F 25	1 46 4 37	2 31 8 8	3 27	0 8	1 23	20 26	0 59	4 31	1 35	22 1	0 8	9 8	0 44	15 55	0 6	
S 26	2 9 1s26	1 26 7 51	3 24	0n22	1 23	20 16	1 0	4 28	1 35	22 1	0 8	9 7	0 44	15 54	0 6	
S 27	2 33 7 32	0 16 7 30	3 20	0 53	1 22	20 7	1 1	4 25	1 35	22 1	0 8	9 6	0 44	15 54	0 6	
M28	2 56 13 25	0s57 7 6	3 13	1 23	1 21	19 58	1 2	4 22	1 35	22 1	0 8	9 5	0 44	15 53	0 6	
T 29	3 20 18 47	2 7 6 39	3 5	1 53	1 20	19 48	1 3	4 19	1 35	22 1	0 8	9 4	0 44	15 53	0 6	
W30	3 43 23 17	3 12 6 10	2 55	2 23	1 20	19 38	1 4	4 16	1 36	22 1	0 8	9 2	0 44	15 52	0 6	
T 31	4n 6 26s32	4s 6 5n39	2n44	2n53	1s19	19s28	1s 5	4s13	1n36	22n 1	0n 8	9s 1	0s44	15s52	0s 6	

Julian Day Number = 2453430.5, Delta T = 64.71 sec
 Ecliptic obliquity = 23°26'28", Nutation = - 0°00'07"
 Ayanamsha: Fagan/Bradley = 24°48'45", Lahiri = 23°55'45"

SWISS EPHEMERIS for the year 2005

APRIL 2005

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	12 37 48	11°Y21'40	27°Z47	7°R 6	11°Y35	8° 8	14°R19	20°E29	8°K40	16°M58	24°R31	22°Y49	23°Y33	26°E52	2°M25
S 2	12 41 45	12°20'52	11°E53	6°Y17	12°49	8°52	14°E11	20°30	8°43	16°59	24°Z30	22°R49	23°30	26°59	2°27
S 3	12 45 42	13°20'02	26° 7	5°31	14° 4	9°35	14° 3	20°31	8°46	17° 1	24°30	22°49	23°27	27° 6	2°30
M 4	12 49 38	14°19'11	10°M26	4°47	15°18	10°19	13°56	20°33	8°49	17° 2	24°30	22°48	23°24	27°12	2°32
T 5	12 53 35	15°18'18	24°46	4° 7	16°33	11° 2	13°48	20°34	8°52	17° 4	24°30	22°47	23°21	27°19	2°35
W 6	12 57 31	16°17'23	9°K 5	3°32	17°47	11°46	13°40	20°36	8°55	17° 5	24°29	22°46	23°18	27°26	2°37
T 7	13 1 28	17°16'25	23°17	3° 1	19° 1	12°29	13°32	20°38	8°58	17° 6	24°29	22°46	23°14	27°33	2°40
F 8	13 5 24	18°15'27	7°Y18	2°35	20°16	13°13	13°25	20°39	9° 1	17° 8	24°29	22°45	23°11	27°39	2°42
S 9	13 9 21	19°14'26	21° 4	2°14	21°30	13°56	13°17	20°41	9° 4	17° 9	24°28	22°D45	23° 8	27°46	2°44
S 10	13 13 17	20°13'23	4°B33	1°59	22°45	14°40	13° 9	20°43	9° 6	17°10	24°28	22°45	23° 5	27°53	2°46
M11	13 17 14	21°12'18	17°44	1°49	23°59	15°24	13° 2	20°45	9° 9	17°12	24°27	22°45	23° 2	27°59	2°48
T 12	13 21 11	22°11'11	0°II35	1°D45	25°13	16° 7	12°54	20°48	9°12	17°13	24°27	22°46	22°58	28° 6	2°50
W13	13 25 7	23°10'02	13° 8	1°46	26°28	16°51	12°47	20°50	9°15	17°14	24°26	22°R46	22°55	28°13	2°52
T 14	13 29 4	24° 8'50	25° 25	1°52	27°42	17°34	12°39	20°52	9°17	17°15	24°26	22°45	22°52	28°20	2°54
F 15	13 33 0	25° 7'37	7°E30	2° 3	28°56	18°18	12°32	20°55	9°20	17°16	24°25	22°45	22°49	28°26	2°56
S 16	13 36 57	26° 6'21	19°27	2°19	0°B10	19° 1	12°24	20°57	9°23	17°17	24°25	22°45	22°46	28°33	2°58
S 17	13 40 53	27° 5'03	1°Q21	2°40	1°25	19°45	12°17	21° 0	9°25	17°18	24°24	22°D45	22°43	28°40	2°59
M18	13 44 50	28° 3'43	13°15	3° 6	2°39	20°28	12°10	21° 3	9°28	17°19	24°23	22°45	22°39	28°46	3° 1
T 19	13 48 46	29° 2'20	25°14	3°35	3°53	21°12	12° 3	21° 6	9°30	17°21	24°23	22°46	22°36	28°53	3° 3
W20	13 52 43	0°B 0'56	7°M23	4° 9	5° 7	21°56	11°56	21° 9	9°33	17°21	24°22	22°46	22°33	29° 0	3° 4
T 21	13 56 40	0°59'29	19°46	4°47	6°21	22°39	11°49	21°12	9°35	17°22	24°21	22°47	22°30	29° 7	3° 5
F 22	14 0 36	1°58'00	2°E25	5°29	7°36	23°23	11°42	21°15	9°38	17°23	24°20	22°48	22°27	29°13	3° 7
S 23	14 4 33	2°56'29	15°23	6°14	8°50	24° 6	11°35	21°19	9°40	17°24	24°20	22°48	22°23	29°20	3° 8
S 24	14 8 29	3°54'56	28°39	7° 3	10° 4	24°50	11°28	21°22	9°42	17°25	24°19	22°R48	22°20	29°27	3° 9
M25	14 12 26	4°53'21	12°M13	7°55	11°18	25°33	11°22	21°25	9°45	17°26	24°18	22°48	22°17	29°34	3°10
T 26	14 16 22	5°51'44	26° 3	8°50	12°32	26°17	11°15	21°29	9°47	17°27	24°17	22°47	22°14	29°40	3°11
W27	14 20 19	6°50'06	10°K 7	9°48	13°46	27° 0	11° 9	21°33	9°49	17°28	24°16	22°45	22°11	29°47	3°12
T 28	14 24 15	7°48'26	24°19	10°49	15° 0	27°44	11° 2	21°37	9°51	17°28	24°15	22°43	22° 8	29°54	3°13
F 29	14 28 12	8°46'45	8°E37	11°53	16°14	28°28	10°56	21°40	9°54	17°29	24°14	22°41	22° 4	0° 0	3°14
S 30	14 32 9	9°45'02	22°E55	13°Y 0	17°B28	29°M11	10°E50	21°E44	9°56	17°M30	24°K13	22°Y40	22°Y 1	0° 0	3°14

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	4n30	28s12	4s47	5n 8	2n31	3n23	1s18	19s18	1s 6	4s10	1n36	22n 1	0n 8	9s 0	0s44
S 2	4 53	28 4	5 11	4 36	2 17	3 53	1 17	19 7	1 7	4 7	1 36	22 1	0 8	8 59	0 44
S 3	5 16	26 6	5 16	4 4	2 3	4 23	1 15	18 57	1 8	4 4	1 36	22 1	0 8	8 58	0 44
M 4	5 39	22 27	5 2	3 33	1 48	4 53	1 14	18 46	1 9	4 1	1 36	22 0	0 8	8 57	0 44
T 5	6 2	17 29	4 29	3 3	1 32	5 23	1 13	18 35	1 10	3 59	1 36	22 0	0 8	8 56	0 44
W 6	6 24	11 33	3 39	2 34	1 16	5 52	1 12	18 24	1 11	3 56	1 36	22 0	0 9	8 55	0 44
T 7	6 47	5 4	2 36	2 7	1 0	6 22	1 10	18 13	1 12	3 53	1 36	22 0	0 9	8 54	0 44
F 8	7 10	1n36	1 25	1 41	0 43	6 51	1 9	18 1	1 13	3 50	1 36	22 0	0 9	8 53	0 44
S 9	7 32	8 5	0 9	1 19	0 27	7 20	1 8	17 50	1 14	3 47	1 35	22 0	0 9	8 51	0 44
S 10	7 54	14 4	1n 5	0 58	0 12	7 49	1 6	17 38	1 15	3 44	1 35	21 59	0 9	8 50	0 44
M11	8 16	19 16	2 14	0 40	0s 4	8 18	1 5	17 26	1 16	3 41	1 35	21 59	0 9	8 49	0 44
T 12	8 38	23 27	3 15	0 25	0 19	8 47	1 3	17 14	1 17	3 38	1 35	21 59	0 9	8 48	0 44
W13	9 0	26 25	4 4	0 12	0 33	9 15	1 1	17 2	1 18	3 35	1 35	21 59	0 9	8 47	0 44
T 14	9 22	28 3	4 42	0 2	0 47	9 44	1 0	16 49	1 19	3 32	1 35	21 58	0 9	8 46	0 44
F 15	9 44	28 19	5 6	0s 6	1 0	10 12	0 58	16 37	1 20	3 29	1 35	21 58	0 9	8 45	0 44
S 16	10 5	27 15	5 16	0 11	1 12	10 39	0 56	16 24	1 21	3 27	1 35	21 58	0 9	8 44	0 45
S 17	10 26	24 57	5 13	0 14	1 24	11 7	0 54	16 12	1 22	3 24	1 35	21 57	0 9	8 44	0 45
M18	10 47	21 35	4 57	0 14	1 35	11 34	0 52	15 59	1 23	3 21	1 35	21 57	0 10	8 43	0 45
T 19	11 8	17 18	4 27	0 11	1 46	12 1	0 51	15 46	1 24	3 18	1 35	21 57	0 10	8 42	0 45
W20	11 29	12 17	3 46	0 7	1 55	12 28	0 49	15 33	1 25	3 16	1 35	21 56	0 10	8 41	0 45
T 21	11 49	6 42	2 53	0 0	2 4	12 54	0 47	15 20	1 26	3 13	1 35	21 56	0 10	8 40	0 45
F 22	12 9	0 44	1 50	0n 9	2 12	13 20	0 45	15 6	1 27	3 11	1 34	21 55	0 10	8 39	0 45
S 23	12 30	5s25	0 41	0 20	2 20	13 46	0 43	14 53	1 28	3 8	1 34	21 55	0 10	8 38	0 45
S 24	12 49	11 30	0s32	0 33	2 27	14 12	0 40	14 39	1 30	3 6	1 34	21 54	0 10	8 37	0 45
M25	13 9	17 10	1 45	0 48	2 33	14 37	0 38	14 25	1 31	3 3	1 34	21 54	0 10	8 36	0 45
T 26	13 29	22 5	2 54	1 5	2 38	15 1	0 36	14 12	1 32	3 1	1 34	21 54	0 10	8 36	0 45
W27	13 48	25 48	3 52	1 23	2 43	15 26	0 34	13 58	1 33	2 58	1 34	21 53	0 10	8 35	0 45
T 28	14 7	27 56	4 38	1 43	2 47	15 50	0 32	13 44	1 34	2 56	1 34	21 53	0 10	8 34	0 45
F 29	14 26	28 15	5 6	2 5	2 50	16 13	0 30	13 29	1 35	2 54	1 33	21 52	0 10	8 33	0 45
S 30	14n44	26s40	5s15	2n29	2s53	16n37	0s27	13s15	1s36	2s52	1n33	21n51	0n10	8s32	0s45

Julian Day Number = 2453461.5, Delta T = 64.72 sec
 Ecliptic obliquity = 23°26'28", Nutation = - 0°00'07"
 Ayanamsha: Fagan/Bradley = 24°48'49", Lahiri = 23°55'49"

SWISS EPHEMERIS for the year 2005

MAY 2005

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	14 36 5	10♂43'17	7♂11	14♀ 9	18♂42	29♂55	10°R44	21♂48	9♂58	17♂30	24°R12	22°D40	21♀58	0♂14	3♂15	
M 2	14 40 2	11°41'31	21°22	15°21	19°56	0♂38	10♂39	21°53	10° 0	17°31	24♂11	22♀40	21°55	0°21	3°16	
T 3	14 43 58	12°39'43	5♂25	16°35	21°10	1°22	10°33	21°57	10° 2	17°31	24°10	22°41	21°52	0°27	3°16	
W 4	14 47 55	13°37'54	19°20	17°51	22°24	2° 5	10°27	22° 1	10° 4	17°32	24° 9	22°42	21°49	0°34	3°16	
T 5	14 51 51	14°36'04	3♀ 5	19°10	23°38	2°49	10°22	22° 5	10° 6	17°33	24° 8	22°43	21°45	0°41	3°17	
F 6	14 55 48	15°34'12	16°38	20°31	24°52	3°32	10°17	22°10	10° 8	17°33	24° 7	22°R44	21°42	0°47	3°17	
S 7	14 59 44	16°32'18	29°59	21°55	26° 5	4°15	10°12	22°14	10°10	17°33	24° 6	22°44	21°39	0°54	3°17	
S 8	15 3 41	17°30'23	13♂ 7	23°20	27°19	4°59	10° 7	22°19	10°11	17°34	24° 4	22°43	21°36	1° 1	3°17	
M 9	15 7 38	18°28'27	26° 2	24°48	28°33	5°42	10° 2	22°24	10°13	17°34	24° 3	22°40	21°33	1° 8	3°R17	
T 10	15 11 34	19°26'29	8♂42	26°18	29°47	6°26	9°57	22°29	10°15	17°35	24° 2	22°37	21°29	1°14	3°17	
W 11	15 15 31	20°24'29	21° 8	27°49	1♂ 1	7° 9	9°53	22°34	10°16	17°35	24° 1	22°32	21°26	1°21	3°17	
T 12	15 19 27	21°22'27	3♂23	29°23	2°15	7°52	9°48	22°38	10°18	17°35	24° 0	22°27	21°23	1°28	3°17	
F 13	15 23 24	22°20'24	15°26	0♂59	3°28	8°36	9°44	22°43	10°20	17°35	23°58	22°23	21°20	1°35	3°17	
S 14	15 27 20	23°18'19	27°23	2°37	4°42	9°19	9°40	22°49	10°21	17°36	23°57	22°19	21°17	1°41	3°17	
S 15	15 31 17	24°16'12	9♂16	4°17	5°56	10° 2	9°36	22°54	10°23	17°36	23°56	22°16	21°14	1°48	3°16	
M 16	15 35 13	25°14'03	21° 9	6° 0	7°10	10°45	9°33	22°59	10°24	17°36	23°54	22°D15	21°10	1°55	3°16	
T 17	15 39 10	26°11'53	3♂ 7	7°44	8°23	11°28	9°29	23° 4	10°26	17°36	23°53	22°15	21° 7	2° 1	3°15	
W 18	15 43 7	27° 9'41	15°16	9°30	9°37	12°12	9°26	23°10	10°27	17°36	23°52	22°17	21° 4	2° 8	3°14	
T 19	15 47 3	28° 7'27	27°39	11°19	10°51	12°55	9°23	23°15	10°28	17°36	23°50	22°18	21° 1	2°15	3°14	
F 20	15 51 0	29° 5'12	10♂21	13° 9	12° 4	13°38	9°20	23°21	10°30	17°R36	23°49	22°20	20°58	2°22	3°13	
S 21	15 54 56	0♂ 2'55	23°25	15° 1	13°18	14°21	9°17	23°26	10°31	17°36	23°47	22°R20	20°55	2°28	3°12	
S 22	15 58 53	1° 0'36	6♂54	16°56	14°31	15° 4	9°14	23°32	10°32	17°36	23°46	22°19	20°51	2°35	3°11	
M 23	16 2 49	1°58'16	20°46	18°52	15°45	15°47	9°12	23°38	10°33	17°36	23°45	22°17	20°48	2°42	3°10	
T 24	16 6 46	2°55'55	5♂ 0	20°51	16°59	16°30	9°10	23°44	10°34	17°36	23°43	22°12	20°45	2°48	3° 9	
W 25	16 10 42	3°53'33	19°30	22°51	18°12	17°13	9° 7	23°49	10°35	17°36	23°42	22° 6	20°42	2°55	3° 8	
T 26	16 14 39	4°51'09	4♂11	24°54	19°26	17°55	9° 5	23°55	10°36	17°36	23°40	22° 0	20°39	3° 2	3° 7	
F 27	16 18 36	5°48'45	18°54	26°58	20°39	18°38	9° 4	24° 1	10°37	17°35	23°39	21°54	20°35	3° 9	3° 6	
S 28	16 22 32	6°46'19	3♂33	29° 3	21°53	19°21	9° 2	24° 7	10°38	17°35	23°37	21°49	20°32	3°15	3° 4	
S 29	16 26 29	7°43'53	18° 2	1♂10	23° 6	20° 4	9° 1	24°14	10°39	17°35	23°36	21°45	20°29	3°22	3° 3	
M 30	16 30 25	8°41'25	2♂16	3°19	24°20	20°46	8°59	24°20	10°40	17°35	23°34	21°44	20°26	3°29	3° 2	
T 31	16 34 22	9♂38'57	16♂14	5♂29	25♂33	21♂29	8♂58	24♂26	10♂40	17♂34	23♂33	21°D44	20♀23	3♂36	3♂ 0	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	15n 2	23s24	5s 5	2n53	2s55	16n59	0s25	13s 1	1s37	2s49	1n33	21n51	0n10	8s32	0s45	15s42
M 2	15 21	18 45	4 37	3 20	2 56	17 22	0 23	12 46	1 38	2 47	1 33	21 50	0 11	8 31	0 45	15 42
T 3	15 38	13 7	3 52	3 47	2 57	17 43	0 20	12 32	1 39	2 45	1 33	21 50	0 11	8 30	0 45	15 42
W 4	15 56	6 53	2 54	4 16	2 57	18 5	0 18	12 17	1 40	2 43	1 33	21 49	0 11	8 29	0 45	15 41
T 5	16 13	0 24	1 46	4 46	2 57	18 26	0 16	12 2	1 41	2 41	1 32	21 48	0 11	8 29	0 45	15 41
F 6	16 30	6n 1	0 34	5 18	2 56	18 46	0 13	11 48	1 42	2 39	1 32	21 48	0 11	8 28	0 45	15 41
S 7	16 47	12 5	0n40	5 50	2 54	19 6	0 11	11 33	1 43	2 38	1 32	21 47	0 11	8 27	0 45	15 41
S 8	17 3	17 31	1 50	6 24	2 52	19 26	0 8	11 18	1 44	2 36	1 32	21 46	0 11	8 27	0 45	15 41
M 9	17 20	22 3	2 52	6 58	2 50	19 44	0 6	11 3	1 45	2 34	1 32	21 46	0 11	8 26	0 45	15 41
T 10	17 35	25 28	3 46	7 34	2 46	20 3	0 4	10 48	1 46	2 32	1 31	21 45	0 11	8 26	0 45	15 41
W 11	17 51	27 35	4 27	8 10	2 42	20 21	0 1	10 33	1 47	2 31	1 31	21 44	0 11	8 25	0 45	15 41
T 12	18 6	28 19	4 55	8 48	2 38	20 38	0n 1	10 17	1 48	2 29	1 31	21 44	0 11	8 24	0 45	15 41
F 13	18 21	27 41	5 10	9 26	2 33	20 55	0 4	10 2	1 49	2 28	1 31	21 43	0 11	8 24	0 45	15 41
S 14	18 36	25 46	5 11	10 4	2 27	21 11	0 6	9 47	1 50	2 27	1 31	21 42	0 11	8 23	0 45	15 40
S 15	18 50	22 44	4 59	10 44	2 21	21 26	0 9	9 31	1 51	2 25	1 30	21 41	0 12	8 23	0 45	15 40
M 16	19 4	18 46	4 33	11 24	2 15	21 41	0 11	9 16	1 52	2 24	1 30	21 40	0 12	8 22	0 45	15 40
T 17	19 18	14 2	3 56	12 4	2 8	21 56	0 14	9 0	1 53	2 23	1 30	21 40	0 12	8 22	0 46	15 40
W 18	19 32	8 42	3 8	12 45	2 1	22 9	0 16	8 45	1 54	2 22	1 30	21 39	0 12	8 21	0 46	15 40
T 19	19 45	2 56	2 10	13 26	1 53	22 23	0 18	8 29	1 55	2 21	1 29	21 38	0 12	8 21	0 46	15 40
F 20	19 57	3s 6	1 5	14 8	1 44	22 35	0 21	8 13	1 56	2 20	1 29	21 37	0 12	8 20	0 46	15 40
S 21	20 10	9 11	0s 6	14 49	1 36	22 47	0 23	7 58	1 57	2 19	1 29	21 36	0 12	8 20	0 46	15 40
S 22	20 22	15 3	1 18	15 31	1 27	22 58	0 26	7 42	1 58	2 18	1 29	21 35	0 12	8 19	0 46	15 40
M 23	20 33	20 19	2 28	16 12	1 17	23 9	0 28	7 26	1 59	2 17	1 29	21 34	0 12	8 19	0 46	15 40
T 24	20 45	24 35	3 30	16 53	1 7	23 19	0 31	7 10	2 0	2 17	1 28	21 33	0 12	8 19	0 46	15 41
W 25	20 56	27 21	4 20	17 34	0 57	23 28	0 33	6 55	2 1	2 16	1 28	21 33	0 12	8 18	0 46	15 41
T 26	21 6	28 16	4 54	18 14	0 47	23 36	0 35	6 39	2 2	2 16	1 28	21 32	0 12	8 18	0 46	15 41
F 27	21 17	27 11	5 8	18 53	0 37	23 44	0 38	6 23	2 3	2 15	1 28	21 31	0 12	8 18	0 46	15 41
S 28	21 27	24 15	5 2	19 32	0 26	23 51	0 40	6 7	2 4	2 15	1 27	21 30	0 13	8 17	0 46	15 41
S 29	21 36	19 49	4 37	20 9	0 15	23 58	0 42	5 51	2 5	2 14	1 27	21 29	0 13	8 17	0 46	15 41
M 30	21 45	14 19	3 55	20 45	0 5	24 4	0 45	5 35	2 6	2 14	1 27	21 28	0 13	8 17	0 46	15 41
T 31	21n54	8s11	2s59	21n19	0n 6	24n 9	0n47	5s19	2s 7	2s14	1n27	21n27	0n13	8s17	0s46	15s41

Julian Day Number = 2453491.5, Delta T = 64.73 sec
 Ecliptic obliquity = 23°26'27", Nutation = - 0°00'07"
 Ayanamsha: Fagan/Bradley = 24°48'53", Lahiri = 23°55'53"

SWISS EPHEMERIS for the year 2005

JUNE 2005

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	16 38 18	10♐36'28	29♋56	7♐40	26♐46	22♋12	8°R58	24♄32	10♋41	17°R34	23°R31	21♍45	20♍20	3♌42	2°R59	
T 2	16 42 15	11°33'58	13♍22	9°51	28° 0	22°54	8♄57	24°39	10°42	17♋34	23♍30	21°46	20°16	3°49	2♋57	
F 3	16 46 11	12°31'28	26°33	12° 3	29°13	23°37	8°56	24°45	10°42	17°33	23°28	21°R46	20°13	3°56	2°55	
S 4	16 50 8	13°28'57	9♄32	14°15	0♄27	24°19	8°56	24°51	10°43	17°33	23°27	21°44	20°10	4° 2	2°53	
S 5	16 54 5	14°26'25	22°19	16°27	1°40	25° 1	8°D56	24°58	10°43	17°32	23°25	21°40	20° 7	4° 9	2°52	
M 6	16 58 1	15°23'52	4♐55	18°39	2°53	25°44	8°56	25° 4	10°44	17°32	23°24	21°34	20° 4	4°16	2°50	
T 7	17 1 58	16°21'18	17°21	20°50	4° 7	26°26	8°56	25°11	10°44	17°31	23°22	21°26	20° 1	4°23	2°48	
W 8	17 5 54	17°18'44	29°36	23° 0	5°20	27° 8	8°56	25°18	10°45	17°30	23°20	21°16	19°57	4°29	2°46	
T 9	17 9 51	18°16'08	11♄43	25° 9	6°33	27°50	8°57	25°24	10°45	17°30	23°19	21° 5	19°54	4°36	2°44	
F 10	17 13 47	19°13'32	23°43	27°17	7°47	28°32	8°58	25°31	10°45	17°29	23°17	20°55	19°51	4°43	2°42	
S 11	17 17 44	20°10'55	5♌37	29°23	9° 0	29°14	8°59	25°38	10°45	17°29	23°16	20°46	19°48	4°49	2°39	
S 12	17 21 41	21° 8'16	17°28	1♄28	10°13	29°56	9° 0	25°45	10°46	17°28	23°14	20°39	19°45	4°56	2°37	
M13	17 25 37	22° 5'37	29°19	3°31	11°26	0♍37	9° 1	25°52	10°46	17°27	23°13	20°34	19°41	5° 3	2°35	
T 14	17 29 34	23° 2'57	11♐16	5°31	12°40	1°19	9° 3	25°59	10°46	17°26	23°11	20°31	19°38	5°10	2°32	
W15	17 33 30	24° 0'16	23°22	7°30	13°53	2° 1	9° 4	26° 5	10°R46	17°26	23° 9	20°D31	19°35	5°16	2°30	
T 16	17 37 27	24°57'34	5♄42	9°27	15° 6	2°42	9° 6	26°12	10°46	17°25	23° 8	20°31	19°32	5°23	2°28	
F 17	17 41 23	25°54'51	18°22	11°21	16°19	3°24	9° 8	26°20	10°46	17°24	23° 6	20°R31	19°29	5°30	2°25	
S 18	17 45 20	26°52'07	1♌26	13°13	17°32	4° 5	9°10	26°27	10°46	17°23	23° 5	20°31	19°26	5°36	2°23	
S 19	17 49 16	27°49'22	14°58	15° 3	18°45	4°46	9°13	26°34	10°45	17°22	23° 3	20°29	19°22	5°43	2°20	
M20	17 53 13	28°46'37	28°58	16°50	19°58	5°27	9°15	26°41	10°45	17°21	23° 1	20°24	19°19	5°50	2°17	
T 21	17 57 10	29°43'52	13♍24	18°35	21°11	6° 8	9°18	26°48	10°45	17°20	23° 0	20°17	19°16	5°57	2°15	
W22	18 1 6	0♄41'05	28°13	20°18	22°24	6°49	9°21	26°55	10°45	17°19	22°58	20° 8	19°13	6° 3	2°12	
T 23	18 5 3	1°38'19	13♄15	21°59	23°37	7°30	9°24	27° 2	10°44	17°18	22°57	19°58	19°10	6°10	2° 9	
F 24	18 8 59	2°35'32	28°22	23°37	24°50	8°11	9°27	27°10	10°44	17°17	22°55	19°48	19° 7	6°17	2° 6	
S 25	18 12 56	3°32'45	13♋23	25°13	26° 3	8°52	9°30	27°17	10°43	17°16	22°54	19°40	19° 3	6°24	2° 3	
S 26	18 16 52	4°29'57	28° 9	26°46	27°16	9°32	9°34	27°24	10°43	17°15	22°52	19°33	19° 0	6°30	2° 0	
M27	18 20 49	5°27'10	12♋35	28°17	28°29	10°13	9°37	27°32	10°42	17°14	22°51	19°30	18°57	6°37	1°58	
T 28	18 24 45	6°24'22	26°38	29°45	29°42	10°53	9°41	27°39	10°42	17°13	22°49	19°28	18°54	6°44	1°55	
W29	18 28 42	7°21'35	10♍18	1♌11	0♌55	11°33	9°45	27°47	10°41	17°12	22°48	19°D28	18°51	6°50	1°51	
T 30	18 32 39	8♄18'47	23♍36	2♌35	2♌ 8	12♍13	9♄49	27♄54	10♋41	17♋11	22♍46	19°R28	18♍47	6♌57	1♋48	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	22n 2	1s47	1s55	21n52	0n17	24n13	0n49	5s 3	2s 8	2s14	1n26	21n26	0n13	8s16	0s46	15s41	0s 7	14s59	8n18	8n28	7n57	24n11	12s24	7n17
T 2	22 10	4n35	0 45	22 22	0 27	24 17	0 51	4 47	2 8	2 14	1 26	21 24	0 13	8 16	0 46	15 41	0 7	14 59	8 18	8 29	7 55	24 9	12 24	7 17
F 3	22 18	10 39	0n26	22 51	0 37	24 20	0 53	4 31	2 9	2 14	1 26	21 23	0 13	8 16	0 46	15 42	0 7	14 59	8 18	8 29	7 54	24 8	12 24	7 18
S 4	22 25	16 9	1 34	23 17	0 47	24 22	0 56	4 15	2 10	2 14	1 25	21 22	0 13	8 16	0 46	15 42	0 7	14 59	8 18	8 28	7 53	24 6	12 24	7 18
S 5	22 32	20 52	2 36	23 41	0 56	24 23	0 58	3 59	2 11	2 14	1 25	21 21	0 13	8 16	0 46	15 42	0 7	14 59	8 18	8 27	7 52	24 4	12 24	7 19
M 6	22 38	24 33	3 30	24 2	1 5	24 24	1 0	3 43	2 12	2 14	1 25	21 20	0 13	8 15	0 46	15 42	0 7	14 59	8 18	8 25	7 51	24 2	12 24	7 19
T 7	22 44	27 2	4 13	24 20	1 13	24 24	1 2	3 27	2 13	2 15	1 25	21 19	0 13	8 15	0 46	15 42	0 7	14 59	8 18	8 21	7 49	24 0	12 24	7 19
W 8	22 50	28 9	4 43	24 36	1 21	24 24	1 4	3 11	2 14	2 15	1 24	21 18	0 13	8 15	0 46	15 42	0 8	14 59	8 18	8 18	7 48	23 58	12 24	7 20
T 9	22 55	27 54	5 0	24 49	1 28	24 22	1 6	2 55	2 15	2 16	1 24	21 17	0 13	8 15	0 46	15 43	0 8	14 59	8 18	8 14	7 47	23 57	12 24	7 20
F 10	23 0	26 20	5 4	24 59	1 34	24 20	1 8	2 39	2 16	2 16	1 24	21 16	0 13	8 15	0 46	15 43	0 8	14 59	8 18	8 10	7 46	23 55	12 24	7 21
S 11	23 5	23 37	4 54	25 7	1 40	24 17	1 9	2 24	2 17	2 17	1 24	21 14	0 14	8 15	0 47	15 43	0 8	14 59	8 18	8 7	7 45	23 53	12 24	7 21
S 12	23 9	19 55	4 32	25 11	1 45	24 14	1 11	2 8	2 17	2 17	1 23	21 13	0 14	8 15	0 47	15 43	0 8	14 59	8 18	8 4	7 43	23 51	12 24	7 21
M13	23 12	15 25	3 58	25 13	1 50	24 10	1 13	1 52	2 18	2 18	1 23	21 12	0 14	8 15	0 47	15 43	0 8	14 59	8 18	8 2	7 42	23 49	12 24	7 22
T 14	23 16	10 19	3 13	25 13	1 53	24 5	1 15	1 36	2 19	2 19	1 23	21 11	0 14	8 15	0 47	15 44	0 8	14 59	8 18	8 1	7 41	23 47	12 25	7 22
W15	23 18	4 46	2 19	25 9	1 56	23 59	1 16	1 20	2 20	2 20	1 23	21 10	0 14	8 15	0 47	15 44	0 8	14 59	8 18	8 1	7 40	23 45	12 25	7 22
T 16	23 21	1s 4	1 18	25 4	1 58	23 53	1 18	1 5	2 21	2 21	1 22	21 8	0 14	8 15	0 47	15 44	0 8	14 59	8 17	8 1	7 39	23 43	12 25	7 23
F 17	23 23	7 2	0 11	24 56	1 59	23 46	1 20	0 49	2 22	2 22	1 22	21 7	0 14	8 15	0 47	15 45	0 8	14 59	8 17	8 1	7 37	23 41	12 25	7 23
S 18	23 24	12 53	0s58	24 46	2 0	23 38	1 21	0 33	2 22	2 23	1 22	21 6	0 14	8 15	0 47	15 45	0 8	14 59	8 17	8 1	7 36	23 39	12 25	7 23
S 19	23 25	18 20	2 6	24 34	2 0	23 30	1 23	0 18	2 23	2 24	1 22	21 4	0 14	8 15	0 47	15 45	0 8	14 59	8 17	8 0	7 35	23 38	12 26	7 24
M20	23 26	23 0	3 9	24 21	1 59	23 20	1 24	0 2	2 24	2 25	1 21	21 3	0 14	8 15	0 47	15 45	0 8	14 59	8 17	7 58	7 34	23 36	12 26	7 24
T 21	23 26	26 25	4 2	24 5	1 57	23 11	1 25	0n13	2 25	2 27	1 21	21 2	0 14	8 16	0 47	15 46	0 8	14 59	8 17	7 56	7 33	23 34	12 26	7 24
W22	23 26	28 6	4 40	23 48	1 55	23 0	1 27	0 29	2 26	2 28	1 21	21 1	0 14	8 16	0 47	15 46	0 8	14 59	8 17	7 52	7 31	23 32	12 27	7 25
T 23	23 26	27 45	4 59	23 29	1 52	22 49	1 28	0 44	2 26	2 29	1 21	20 59	0 14	8 16	0 47	15 46	0 8	14 59	8 17	7 48	7 30	23 30	12 27	7 25
F 24	23 25	25 21	4 58	23 9	1 48	22 37	1 29	1 0	2 27	2 31	1 20	20 58	0 15	8 16	0 47	15 47	0 8	14 59	8 16	7 45	7 29	23 28	12 27	7 25
S 25	23 24	21 13	4 36	22 48	1 44	22 25	1 30	1 15	2 28	2 32	1 20	20 57	0 15	8 16	0 47	15 47	0 8	14 59	8 16	7 42	7 28	23 26	12 27	7 26
S 26	23 22	15 49	3 56	22 25	1 39	22 12	1 31	1 30	2 29	2 34	1 20	20 55	0 15	8 17	0 47	15 47	0 8	15 0	8 16	7 39	7 27	23 24	12 28	7 26
M27	23 20	9 38	3 2	22 2	1 34	21 58	1 32	1 45	2 29	2 36	1 20	20 54	0 15	8 17	0 47	15 48	0 8	15 0	8 16	7 38	7 25	23 22	12 28	7 26
T 28	23 17	3 8	1 58	21 38	1 27	21 44	1 33	2 0	2 30	2 37	1 19	20 52	0 15	8 17	0 47	15 48	0 8	15 0	8 16	7 37	7 24	23 20	12 29	7 26
W29	23 14	3n20	0 48	21 12	1 21	21 29	1 34	2 15	2 31	2 39	1 19	20 51	0 15	8 17	0 47	15 48	0 8	15 0	8 16	7 37	7 23	23 18	12 29	

SWISS EPHEMERIS for the year 2005

JULY 2005

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
F 1	18 36 35	9 ^h 16'00"	6 ^h 36'	3 ^h 56'	3 ^h 21'	12 ^h 53'	9 ^h 54'	28 ^h 2'	10 ^h R40	17 ^h R10	22 ^h R45	19 ^h R27	18 ^h Y44	7 ^h Ω 4	1 ^h R45	
S 2	18 40 32	10 ^h 13'13"	19 ^h 20'	5 ^h 15'	4 ^h 34'	13 ^h 33'	9 ^h 58'	28 ^h 9'	10 ^h X39	17 ^h ≈ 8	22 ^h ≈43	19 ^h Y24	18 ^h 41'	7 ^h 11'	1 ^h ≈42	
S 3	18 44 28	11 ^h 10'27"	1 ^h II51	6 ^h 31'	5 ^h 46'	14 ^h 13'	10 ^h 3'	28 ^h 17'	10 ^h 38'	17 ^h 7'	22 ^h 42'	19 ^h 18'	18 ^h 38'	7 ^h 17'	1 ^h 39'	
M 4	18 48 25	12 ^h 7'40"	14 ^h 12'	7 ^h 44'	6 ^h 59'	14 ^h 52'	10 ^h 8'	28 ^h 24'	10 ^h 37'	17 ^h 6'	22 ^h 40'	19 ^h 10'	18 ^h 35'	7 ^h 24'	1 ^h 36'	
T 5	18 52 21	13 ^h 4'53"	26 ^h 24'	8 ^h 55'	8 ^h 12'	15 ^h 32'	10 ^h 13'	28 ^h 32'	10 ^h 36'	17 ^h 5'	22 ^h 39'	18 ^h 59'	18 ^h 32'	7 ^h 31'	1 ^h 33'	
W 6	18 56 18	14 ^h 2'07"	8 ^h 29'	10 ^h 3'	9 ^h 25'	16 ^h 11'	10 ^h 18'	28 ^h 39'	10 ^h 35'	17 ^h 3'	22 ^h 37'	18 ^h 46'	18 ^h 28'	7 ^h 37'	1 ^h 29'	
T 7	19 0 15	14 ^h 59'21"	20 ^h 29'	11 ^h 8'	10 ^h 37'	16 ^h 50'	10 ^h 23'	28 ^h 47'	10 ^h 34'	17 ^h 2'	22 ^h 36'	18 ^h 32'	18 ^h 25'	7 ^h 44'	1 ^h 26'	
F 8	19 4 11	15 ^h 56'34"	2 ^h Ω23	12 ^h 10'	11 ^h 50'	17 ^h 29'	10 ^h 28'	28 ^h 55'	10 ^h 33'	17 ^h 1'	22 ^h 34'	18 ^h 19'	18 ^h 22'	7 ^h 51'	1 ^h 23'	
S 9	19 8 8	16 ^h 53'48"	14 ^h 14'	13 ^h 9'	13 ^h 3'	18 ^h 8'	10 ^h 34'	29 ^h 2'	10 ^h 32'	16 ^h 59'	22 ^h 33'	18 ^h 6'	18 ^h 19'	7 ^h 58'	1 ^h 20'	
S 10	19 12 4	17 ^h 51'01"	26 ^h 5'	14 ^h 5'	14 ^h 15'	18 ^h 47'	10 ^h 40'	29 ^h 10'	10 ^h 31'	16 ^h 58'	22 ^h 32'	17 ^h 56'	18 ^h 16'	8 ^h 4'	1 ^h 16'	
M 11	19 16 1	18 ^h 48'15"	7 ^h II56	14 ^h 58'	15 ^h 28'	19 ^h 25'	10 ^h 45'	29 ^h 17'	10 ^h 30'	16 ^h 57'	22 ^h 30'	17 ^h 49'	18 ^h 13'	8 ^h 11'	1 ^h 13'	
T 12	19 19 57	19 ^h 45'28"	19 ^h 52'	15 ^h 47'	16 ^h 41'	20 ^h 4'	10 ^h 51'	29 ^h 25'	10 ^h 29'	16 ^h 55'	22 ^h 29'	17 ^h 45'	18 ^h 9'	8 ^h 18'	1 ^h 9'	
W 13	19 23 54	20 ^h 42'42"	1 ^h Ω57	16 ^h 33'	17 ^h 53'	20 ^h 42'	10 ^h 58'	29 ^h 33'	10 ^h 28'	16 ^h 54'	22 ^h 27'	17 ^h 42'	18 ^h 6'	8 ^h 24'	1 ^h 6'	
T 14	19 27 50	21 ^h 39'55"	14 ^h 15'	17 ^h 15'	19 ^h 6'	21 ^h 20'	11 ^h 4'	29 ^h 41'	10 ^h 26'	16 ^h 52'	22 ^h 26'	17 ^h 42'	18 ^h 3'	8 ^h 31'	1 ^h 3'	
F 15	19 31 47	22 ^h 37'09"	26 ^h 52'	17 ^h 54'	20 ^h 18'	21 ^h 58'	11 ^h 10'	29 ^h 48'	10 ^h 25'	16 ^h 51'	22 ^h 25'	17 ^h 42'	18 ^h 0'	8 ^h 38'	0 ^h 59'	
S 16	19 35 43	23 ^h 34'23"	9 ^h III52	18 ^h 28'	21 ^h 31'	22 ^h 35'	11 ^h 17'	29 ^h 56'	10 ^h 24'	16 ^h 50'	22 ^h 23'	17 ^h 41'	17 ^h 57'	8 ^h 45'	0 ^h 56'	
S 17	19 39 40	24 ^h 31'36"	23 ^h 20'	18 ^h 59'	22 ^h 43'	23 ^h 13'	11 ^h 23'	0 ^h Ω 4	10 ^h 22'	16 ^h 48'	22 ^h 22'	17 ^h 39'	17 ^h 53'	8 ^h 51'	0 ^h 52'	
M 18	19 43 37	25 ^h 28'50"	7 ^h ≈117	19 ^h 25'	23 ^h 55'	23 ^h 50'	11 ^h 30'	0 ^h 11'	10 ^h 21'	16 ^h 47'	22 ^h 21'	17 ^h 34'	17 ^h 50'	8 ^h 58'	0 ^h 49'	
T 19	19 47 33	26 ^h 26'05"	21 ^h 43'	19 ^h 47'	25 ^h 8'	24 ^h 27'	11 ^h 37'	0 ^h 19'	10 ^h 19'	16 ^h 45'	22 ^h 20'	17 ^h 27'	17 ^h 47'	9 ^h 5'	0 ^h 45'	
W 20	19 51 30	27 ^h 23'19"	6 ^h ≈35	20 ^h 4'	26 ^h 20'	25 ^h 4'	11 ^h 44'	0 ^h 27'	10 ^h 18'	16 ^h 44'	22 ^h 18'	17 ^h 18'	17 ^h 44'	9 ^h 11'	0 ^h 42'	
T 21	19 55 26	28 ^h 20'34"	21 ^h 46'	20 ^h 17'	27 ^h 32'	25 ^h 41'	11 ^h 51'	0 ^h 35'	10 ^h 16'	16 ^h 42'	22 ^h 17'	17 ^h 8'	17 ^h 41'	9 ^h 18'	0 ^h 39'	
F 22	19 59 23	29 ^h 17'49"	7 ^h ≈ 5	20 ^h 25'	28 ^h 45'	26 ^h 18'	11 ^h 59'	0 ^h 42'	10 ^h 15'	16 ^h 41'	22 ^h 16'	16 ^h 57'	17 ^h 38'	9 ^h 25'	0 ^h 35'	
S 23	20 3 19	0 ^h Ω15'05"	22 ^h 20'	20 ^h R28	29 ^h 57'	26 ^h 54'	12 ^h 6'	0 ^h 50'	10 ^h 13'	16 ^h 39'	22 ^h 15'	16 ^h 48'	17 ^h 34'	9 ^h 32'	0 ^h 32'	
S 24	20 7 16	1 ^h 12'22"	7 ^h ≈21	20 ^h 26'	1 ^h II 9	27 ^h 30'	12 ^h 14'	0 ^h 58'	10 ^h 11'	16 ^h 37'	22 ^h 14'	16 ^h 41'	17 ^h 31'	9 ^h 38'	0 ^h 28'	
M 25	20 11 13	2 ^h 9'39"	2 ^h 21'	20 ^h 19'	2 ^h 21'	28 ^h 6'	12 ^h 21'	1 ^h 6'	10 ^h 10'	16 ^h 36'	22 ^h 13'	16 ^h 37'	17 ^h 28'	9 ^h 45'	0 ^h 25'	
T 26	20 15 9	3 ^h 6'57"	6 ^h Y14	20 ^h 8'	3 ^h 33'	28 ^h 42'	12 ^h 29'	1 ^h 13'	10 ^h 8'	16 ^h 34'	22 ^h 12'	16 ^h 35'	17 ^h 25'	9 ^h 52'	0 ^h 21'	
W 27	20 19 6	4 ^h 4'16"	20 ^h 1'	19 ^h 51'	4 ^h 46'	29 ^h 17'	12 ^h 37'	1 ^h 21'	10 ^h 6'	16 ^h 33'	22 ^h 10'	16 ^h D35	17 ^h 22'	9 ^h 58'	0 ^h 18'	
T 28	20 23 2	5 ^h 1'36"	3 ^h ≈21	19 ^h 29'	5 ^h 58'	29 ^h 52'	12 ^h 45'	1 ^h 29'	10 ^h 4'	16 ^h 31'	22 ^h 9'	16 ^h R35	17 ^h 19'	10 ^h 5'	0 ^h 14'	
F 29	20 26 59	5 ^h 58'57"	16 ^h 18'	19 ^h 3'	7 ^h 10'	0 ^h Ω27	12 ^h 53'	1 ^h 37'	10 ^h 2'	16 ^h 30'	22 ^h 8'	16 ^h 35'	17 ^h 15'	10 ^h 12'	0 ^h 11'	
S 30	20 30 55	6 ^h 56'19"	28 ^h 56'	18 ^h 32'	8 ^h 22'	1 ^h 2'	13 ^h 2'	1 ^h 44'	10 ^h 1'	16 ^h 28'	22 ^h 7'	16 ^h 33'	17 ^h 12'	10 ^h 19'	0 ^h 7'	
S 31	20 34 52	7 ^h Ω53'42"	11 ^h II20	17 ^h Ω58	9 ^h II34	1 ^h ≈37	13 ^h ≈10	1 ^h Ω52	9 ^h ≈59	16 ^h ≈26	22 ^h ≈ 6	16 ^h Y28	17 ^h Y 9	10 ^h Ω25	0 ^h ≈ 4	

Day	☉			☽			♀			♁			♂			♃			♅			♁			♁			♁			♁		
	decl	decl	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat			
F 1	23n 7	15n 8	1n29	20n20	1n 6	20n58	1n36	2n45	2s32	2s43	1n19	20n48	0n15	8s18	0s47	15s49	0s 8	15s 0	8n15	7n37	7n21	23n14	12s30	7n27									
S 2	23 3	19 59	2 31	19 53	0 57	20 41	1 36	3 0	2 33	2 45	1 18	20 47	0 15	8 18	0 47	15 49	0 8	15 0	8 15	7 36	7 19	23 12	12 30	7 27									
S 3	22 58	23 52	3 24	19 26	0 48	20 24	1 37	3 15	2 33	2 47	1 18	20 45	0 15	8 19	0 47	15 50	0 8	15 0	8 15	7 33	7 18	23 10	12 31	7 28									
M 4	22 53	26 35	4 6	18 58	0 39	20 6	1 37	3 30	2 34	2 49	1 18	20 44	0 15	8 19	0 47	15 50	0 8	15 0	8 15	7 30	7 17	23 8	12 31	7 28									
T 5	22 48	28 0	4 37	18 30	0 29	19 48	1 38	3 44	2 35	2 51	1 18	20 42	0 15	8 19	0 47	15 51	0 8	15 0	8 14	7 26	7 16	23 6	12 32	7 28									
W 6	22 42	28 4	4 55	18 2	0 19	19 29	1 38	3 59	2 35	2 53	1 17	20 41	0 15	8 20	0 47	15 51	0 8	15 1	8 14	7 21	7 14	23 4	12 32	7 28									
T 7	22 36	26 49	4 59	17 34	0 8	19 9	1 39	4 13	2 36	2 56	1 17	20 40	0 16	8 20	0 47	15 51	0 8	15 1	8 14	7 16	7 13	23 2	12 33	7 28									
F 8	22 29	24 21	4 51	17 6	0s 3	18 49	1 39	4 27	2 36	2 58	1 17	20 38	0 16	8 21	0 48	15 52	0 8	15 1	8 14	7 11	7 12	23 0	12 33	7 28									
S 9	22 22	20 51	4 29	16 38	0 15	18 29	1 39	4 41	2 37	3 0	1 17	20 37	0 16	8 21	0 48	15 52	0 8	15 1	8 14	7 6	7 11	22 57	12 34	7 29									
S 10	22 15	16 32	3 57	16 11	0 27	18 8	1 39	4 56	2 38	3 3	1 16	20 35	0 16	8 21	0 48	15 53	0 8	15 1	8 13	7 2	7 10	22 55	12 35	7 29									
M 11	22 7	11 35	3 13	15 43	0 39	17 47	1 39	5 10	2 38	3 5	1 16	20 34	0 16	8 22	0 48	15 53	0 8	15 1	8 13	7 0	7 8	22 53	12 35	7 29									
T 12	21 59	6 11	2 21	15 17	0 52	17 25	1 39	5 23	2 39	3																							

SWISS EPHEMERIS for the year 2005

AUGUST 2005

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	20 38 48	8Ω51'07	23Π31	17°R20	10Π46	2♃11	13♁19	2♁ 0	9°R57	16°R25	22°R 5	16°R21	17°Υ 6	10♁32	0°R 1
T 2	20 42 45	9°48'32	5♁34	16♁38	11°57	2°45	13°27	2° 8	9♃55	16♁23	22♁ 5	16°Υ12	17° 3	10°39	29♁57
W 3	20 46 42	10°45'59	17°32	15°55	13° 9	3°19	13°36	2°15	9°53	16°21	22° 4	16° 1	16°59	10°45	29°54
T 4	20 50 38	11°43'26	29°26	15° 9	14°21	3°52	13°45	2°23	9°51	16°20	22° 3	15°49	16°56	10°52	29°50
F 5	20 54 35	12°40'55	11♁17	14°23	15°33	4°25	13°54	2°31	9°49	16°18	22° 2	15°37	16°53	10°59	29°47
S 6	20 58 31	13°38'24	23° 8	13°37	16°45	4°58	14° 3	2°38	9°47	16°17	22° 1	15°26	16°50	11° 6	29°44
S 7	21 2 28	14°35'54	5Π 0	12°51	17°56	5°31	14°12	2°46	9°45	16°15	22° 0	15°18	16°47	11°12	29°40
M 8	21 6 24	15°33'25	16°55	12° 7	19° 8	6° 3	14°21	2°54	9°43	16°13	21°59	15°11	16°44	11°19	29°37
T 9	21 10 21	16°30'57	28°55	11°25	20°20	6°35	14°31	3° 1	9°40	16°12	21°59	15° 8	16°40	11°26	29°34
W10	21 14 17	17°28'30	11♁ 4	10°47	21°31	7° 6	14°40	3° 9	9°38	16°10	21°58	15°D 6	16°37	11°32	29°31
T 11	21 18 14	18°26'04	23°25	10°13	22°43	7°38	14°50	3°16	9°36	16° 8	21°57	15° 6	16°34	11°39	29°27
F 12	21 22 11	19°23'39	6Π 3	9°43	23°54	8° 9	14°59	3°24	9°34	16° 7	21°57	15° 7	16°31	11°46	29°24
S 13	21 26 7	20°21'15	19° 1	9°19	25° 6	8°39	15° 9	3°32	9°32	16° 5	21°56	15°R 8	16°28	11°52	29°21
S 14	21 30 4	21°18'51	2♁23	9° 1	26°17	9°10	15°19	3°39	9°29	16° 4	21°55	15° 7	16°25	11°59	29°18
M15	21 34 0	22°16'29	16°12	8°50	27°28	9°40	15°29	3°47	9°27	16° 2	21°55	15° 5	16°21	12° 6	29°15
T 16	21 37 57	23°14'08	0♁29	8°D45	28°40	10° 9	15°39	3°54	9°25	16° 0	21°54	15° 1	16°18	12°13	29°12
W17	21 41 53	24°11'47	15°11	8°48	29°51	10°38	15°49	4° 2	9°23	15°59	21°54	14°54	16°15	12°19	29° 9
T 18	21 45 50	25° 9'28	0♁13	8°57	1♁ 2	11° 7	15°59	4° 9	9°20	15°57	21°53	14°47	16°12	12°26	29° 6
F 19	21 49 46	26° 7'10	15°28	9°15	2°13	11°36	16°10	4°16	9°18	15°55	21°53	14°40	16° 9	12°33	29° 3
S 20	21 53 43	27° 4'53	0♁43	9°39	3°24	12° 4	16°20	4°24	9°16	15°54	21°52	14°34	16° 5	12°39	29° 0
S 21	21 57 40	28° 2'37	15°49	10°12	4°35	12°31	16°30	4°31	9°13	15°52	21°52	14°29	16° 2	12°46	28°57
M22	22 1 36	29° 0'23	0°Υ36	10°51	5°46	12°59	16°41	4°38	9°11	15°51	21°52	14°26	15°59	12°53	28°55
T 23	22 5 33	29°58'11	14°58	11°38	6°57	13°26	16°51	4°46	9° 9	15°49	21°51	14°D26	15°56	13° 0	28°52
W24	22 9 29	0Π56'00	28°53	12°32	8° 8	13°52	17° 2	4°53	9° 6	15°48	21°51	14°26	15°53	13° 6	28°49
T 25	22 13 26	1°53'51	12♁20	13°33	9°19	14°18	17°13	5° 0	9° 4	15°46	21°51	14°28	15°50	13°13	28°46
F 26	22 17 22	2°51'43	25°22	14°41	10°29	14°44	17°24	5° 7	9° 2	15°44	21°50	14°29	15°46	13°20	28°44
S 27	22 21 19	3°49'38	8Π 2	15°54	11°40	15° 9	17°35	5°15	8°59	15°43	21°50	14°R29	15°43	13°26	28°41
S 28	22 25 15	4°47'34	20°24	17°14	12°51	15°33	17°46	5°22	8°57	15°41	21°50	14°27	15°40	13°33	28°39
M29	22 29 12	5°45'33	2♁32	18°39	14° 1	15°57	17°57	5°29	8°54	15°40	21°50	14°24	15°37	13°40	28°36
T 30	22 33 9	6°43'33	14°32	20° 9	15°12	16°21	18° 8	5°36	8°52	15°38	21°50	14°20	15°34	13°47	28°34
W31	22 37 5	7Π41'34	26♁25	21Ω44	16♁22	16♁44	18♁19	5♁43	8♁50	15♁37	21♁50	14°Υ14	15°Υ31	13♁53	28♁31

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	18n 3	27n56	4n39	11n 2	4s50	8n47	1n21	9n37	2s47	4s 9	1n12	20n 0	0n18	8s35	0s48	16s 3
T 2	17 48 28	16 4 57	11 11	4 54	8 18	1 20	9 49	2 47	4 13	1 11	19 59	0 18	8 36	0 48	16 3	0 8
W 3	17 32 27	17 5 2	11 21	4 56	7 49	1 18	10 0	2 47	4 16	1 11	19 57	0 18	8 37	0 48	16 4	0 8
T 4	17 16 25	4 54	11 34	4 56	7 20	1 16	10 11	2 48	4 20	1 11	19 55	0 18	8 37	0 48	16 4	0 8
F 5	17 0 21	46 4 33	11 49	4 55	6 50	1 14	10 22	2 48	4 24	1 11	19 54	0 18	8 38	0 48	16 5	0 8
S 6	16 44 17	35 4 0	12 5	4 51	6 20	1 12	10 32	2 48	4 27	1 11	19 52	0 18	8 39	0 48	16 5	0 8
S 7	16 27 12	44 3 17	12 22	4 46	5 50	1 10	10 43	2 48	4 31	1 11	19 50	0 18	8 40	0 48	16 6	0 8
M 8	16 10 7	23 2 25	12 41	4 39	5 20	1 8	10 53	2 48	4 35	1 10	19 49	0 18	8 41	0 48	16 6	0 8
T 9	15 53 1 44	1 25	13 1	4 31	4 50	1 5	11 4	2 48	4 39	1 10	19 47	0 18	8 41	0 48	16 7	0 8
W10	15 36 4s 3	0 22	13 21	4 21	4 40	1 3	11 14	2 48	4 42	1 10	19 45	0 18	8 42	0 48	16 7	0 8
T 11	15 18 9 47	0s44	13 41	4 9	3 49	1 1	11 24	2 48	4 46	1 10	19 44	0 19	8 43	0 48	16 8	0 8
F 12	15 0 15	16 1 50	14 2	3 56	3 19	0 58	11 34	2 49	4 50	1 10	19 42	0 19	8 44	0 48	16 8	0 8
S 13	14 42 20	13 2 52	14 21	3 42	2 48	0 56	11 44	2 49	4 54	1 9	19 40	0 19	8 45	0 48	16 9	0 8
S 14	14 24 24	20 3 46	14 41	3 26	2 18	0 53	11 53	2 49	4 58	1 9	19 39	0 19	8 46	0 48	16 9	0 8
M15	14 5 27	11 4 29	14 59	3 10	1 47	0 51	12 2	2 49	5 2	1 9	19 37	0 19	8 46	0 48	16 10	0 8
T 16	13 46 28	24 4 57	15 17	2 54	1 16	0 48	12 12	2 49	5 6	1 9	19 35	0 19	8 47	0 48	16 10	0 8
W17	13 27 27	39 5 7	15 33	2 37	0 45	0 45	12 21	2 48	5 10	1 9	19 34	0 19	8 48	0 48	16 11	0 8
T 18	13 8 24	55 4 56	15 47	2 19	0 14	0 42	12 30	2 48	5 14	1 9	19 32	0 19	8 49	0 48	16 11	0 8
F 19	12 49 20	24 4 23	15 59	2 2	0s17	0 39	12 39	2 48	5 18	1 8	19 30	0 19	8 50	0 49	16 12	0 8
S 20	12 29 14	33 3 34	16 10	1 44	0 48	0 36	12 47	2 48	5 22	1 8	19 29	0 19	8 51	0 49	16 12	0 8
S 21	12 9 7	52 2 28	16 18	1 27	1 19	0 33	12 56	2 48	5 26	1 8	19 27	0 20	8 52	0 49	16 13	0 8
M22	11 49 0	54 1 14	16 24	1 9	1 50	0 30	13 4	2 48	5 31	1 8	19 25	0 20	8 53	0 49	16 13	0 8
T 23	11 29 5n57	0n 3	16 27	0 53	2 21	0 27	13 12	2 48	5 35	1 8	19 24	0 20	8 53	0 49	16 14	0 9
W24	11 9 12	17 1 18	16 28	0 36	2 52	0 24	13 20	2 47	5 39	1 8	19 22	0 20	8 54	0 49	16 14	0 9
T 25	10 48 17	51 2 25	16 26	0 21	3 22	0 21	13 28	2 47	5 43	1 8	19 20	0 20	8 55	0 49	16 15	0 9
F 26	10 27 22	24 3 23	16 20	0 6	3 53	0 17	13 36	2 47	5 48	1 7	19 19	0 20	8 56	0 49	16 15	0 9
S 27	10 6 25	45 4 10	16 12	0n 8	4 24	0 14	13 43	2 47	5 52	1 7	19 17	0 20	8 57	0 49	16 16	0 9
S 28	9 45 27	48 4 43	16 1	0 22	4 55	0 11	13 51	2 46	5 56	1 7	19 15	0 20	8 58	0 49	16 16	0 9
M29	9 24 28	29 5 4	15 47	0 34	5 25	0 7	13 58	2 46	6 0	1 7	19 14	0 20	8 59	0 49	16 17	0 9
T 30	9 3 27	47 5 10	15 29	0 46	5 56	0 4	14 5	2 46	6 5	1 7	19 12	0 20	9 0	0 49	16 17	0 9
W31	8n41	25n50	5n 3	15n 9	0n56	6s26	0n 0	14n12	2s45	6s 9	1n 7	19n11	0n21	9s 1	0s49	16s18

Julian Day Number = 2453583.5, Delta T = 64.77 sec
 Ecliptic obliquity = 23°26'27, Nutation = - 0°00'04
 Ayanamsha: Fagan/Bradley = 24°49'06, Lahiri = 23°56'06

SWISS EPHEMERIS for the year 2005

SEPTEMBER 2005

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♆	♅	♁	♁	♁	♁	♁
T 1	22 41 2	8♎39°38	8♏17	23♌23	17♋33	17♉7	18♈30	5♌50	8♎47	15♎35	21♎50	14♎7	15♎27	14♏0	28♎29
F 2	22 44 58	9°37'43	20° 8	25° 5	18°43	17°29	18°42	5°57	8♎45	15♎34	21♎49	14♎1	15°24	14° 7	28♎27
S 3	22 48 55	10°35'50	2♎1	26°50	19°53	17°50	18°53	6° 4	8°43	15°32	21♎49	13°55	15°21	14°13	28°25
S 4	22 52 51	11°33'59	13°58	28°38	21° 3	18°11	19° 5	6°10	8°40	15°31	21°50	13°51	15°18	14°20	28°22
M 5	22 56 48	12°32'09	26° 2	0♎28	22°14	18°32	19°16	6°17	8°38	15°30	21°50	13°48	15°15	14°27	28°20
T 6	23 0 44	13°30'21	8♏12	2°20	23°24	18°51	19°28	6°24	8°35	15°28	21°50	13°D46	15°11	14°33	28°18
W 7	23 4 41	14°28'35	20°32	4°13	24°34	19°11	19°40	6°31	8°33	15°27	21°50	13°46	15° 8	14°40	28°16
T 8	23 8 38	15°26'50	3♎4	6° 7	25°44	19°29	19°51	6°37	8°31	15°25	21°50	13°47	15° 5	14°47	28°14
F 9	23 12 34	16°25'07	15°50	8° 2	26°53	19°47	20° 3	6°44	8°28	15°24	21°50	13°49	15° 2	14°54	28°13
S 10	23 16 31	17°23'26	28°52	9°57	28° 3	20° 5	20°15	6°50	8°26	15°23	21°50	13°51	14°59	15° 0	28°11
S 11	23 20 27	18°21'46	12♎14	11°52	29°13	20°21	20°27	6°57	8°23	15°21	21°51	13°R52	14°56	15° 7	28° 9
M12	23 24 24	19°20'07	25°58	13°47	0♎23	20°37	20°39	7° 3	8°21	15°20	21°51	13°52	14°52	15°14	28° 7
T 13	23 28 20	20°18'31	10♎3	15°42	1°32	20°53	20°51	7°10	8°19	15°19	21°51	13°50	14°49	15°20	28° 6
W14	23 32 17	21°16'55	24° 9	17°36	2°41	21° 7	21° 3	7°16	8°16	15°18	21°52	13°48	14°46	15°27	28° 4
T 15	23 36 13	22°15'22	9♎13	19°29	3°51	21°21	21°15	7°22	8°14	15°16	21°52	13°46	14°43	15°34	28° 3
F 16	23 40 10	23°13'49	24° 8	21°22	5° 0	21°35	21°27	7°29	8°12	15°15	21°52	13°43	14°40	15°40	28° 1
S 17	23 44 7	24°12'19	9♎7	23°14	6° 9	21°47	21°39	7°35	8°10	15°14	21°53	13°41	14°37	15°47	28° 0
S 18	23 48 3	25°10'50	24° 1	25° 5	7°18	21°59	21°51	7°41	8° 7	15°13	21°53	13°39	14°33	15°54	27°59
M19	23 52 0	26° 9'23	8♎43	26°55	8°27	22°10	22° 4	7°47	8° 5	15°12	21°54	13°D38	14°30	16° 1	27°58
T 20	23 55 56	27° 7'58	23° 5	28°45	9°36	22°21	22°16	7°53	8° 3	15°11	21°54	13°38	14°27	16° 7	27°57
W21	23 59 53	28° 6'36	7♎3	0♎33	10°45	22°31	22°28	7°59	8° 1	15° 9	21°55	13°39	14°24	16°14	27°56
T 22	0 3 49	29° 5'15	20°36	2°20	11°54	22°39	22°41	8° 5	7°58	15° 8	21°56	13°40	14°21	16°21	27°55
F 23	0 7 46	0♎3'57	3♎44	4° 7	13° 2	22°48	22°53	8°10	7°56	15° 7	21°56	13°41	14°17	16°27	27°54
S 24	0 11 42	1° 2'41	16°28	5°52	14°11	22°55	23° 6	8°16	7°54	15° 6	21°57	13°42	14°14	16°34	27°53
S 25	0 15 39	2° 1'27	28°53	7°37	15°19	23° 1	23°18	8°22	7°52	15° 5	21°58	13°R43	14°11	16°41	27°52
M26	0 19 36	3° 0'16	11♎3	9°20	16°27	23° 7	23°31	8°27	7°50	15° 4	21°58	13°43	14° 8	16°48	27°51
T 27	0 23 32	3°59'06	23° 2	11° 3	17°35	23°12	23°43	8°33	7°48	15° 3	21°59	13°42	14° 5	16°54	27°51
W28	0 27 29	4°57'59	4♎55	12°45	18°44	23°16	23°56	8°38	7°46	15° 3	22° 0	13°41	14° 2	17° 1	27°50
T 29	0 31 25	5°56'55	16°46	14°25	19°51	23°19	24° 9	8°44	7°44	15° 2	22° 1	13°40	13°58	17° 8	27°50
F 30	0 35 22	6♎55'52	28♎38	16♎5	20♎59	23♎21	24♎21	8♎49	7♎42	15♎1	22♎2	13♎39	13♎55	17♎14	27♎49

Day	☉	☽	♀	♁	♂	♄	♃	♆	♅	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	8n19	22n45	4n43	14n46	1n 6	6s56	0s 4	14n19	2s45	6s14	1n 7	19n 9	0n21	9s 2	0s49	16s18	0s 9	15s15	7n57	5n34	6n 5	20n57	13s16	7n21
F 2	7 58	18 45	4 11	14 20	1 14	7 27	0 7	14 25	2 44	6 18	1 7	19 7	0 21	9 2	0 49	16 18	0 9	15 15	7 57	5 32	6 4	20 55	13 16	7 21
S 3	7 36	14 0	3 28	13 51	1 22	7 57	0 11	14 32	2 44	6 22	1 6	19 6	0 21	9 3	0 49	16 19	0 9	15 16	7 57	5 30	6 3	20 52	13 17	7 20
S 4	7 14	8 42	2 36	13 20	1 28	8 27	0 15	14 38	2 43	6 27	1 6	19 4	0 21	9 4	0 49	16 19	0 9	15 16	7 56	5 28	6 1	20 50	13 18	7 20
M 5	6 51	3 2	1 36	12 46	1 34	8 56	0 18	14 44	2 43	6 31	1 6	19 3	0 21	9 5	0 49	16 20	0 9	15 16	7 56	5 27	6 0	20 48	13 19	7 20
T 6	6 29	2s47	0 30	12 11	1 38	9 26	0 22	14 50	2 42	6 36	1 6	19 1	0 21	9 6	0 49	16 20	0 9	15 17	7 56	5 26	5 59	20 45	13 20	7 19
W 7	6 7	8 36	0s37	11 33	1 42	9 55	0 26	14 56	2 41	6 40	1 6	18 59	0 21	9 7	0 49	16 21	0 9	15 17	7 55	5 26	5 58	20 43	13 20	7 19
T 8	5 44	14 10	1 44	10 53	1 45	10 24	0 30	15 1	2 41	6 45	1 6	18 58	0 21	9 8	0 49	16 21	0 9	15 17	7 55	5 27	5 57	20 40	13 21	7 18
F 9	5 22	19 14	2 47	10 12	1 47	10 53	0 34	15 7	2 40	6 50	1 6	18 56	0 22	9 9	0 49	16 21	0 9	15 18	7 54	5 27	5 55	20 38	13 22	7 18
S 10	4 59	23 32	3 43	9 30	1 48	11 22	0 38	15 12	2 39	6 54	1 6	18 55	0 22	9 10	0 49	16 22	0 9	15 18	7 54	5 28	5 54	20 36	13 23	7 17
S 11	4 36	26 41	4 28	8 47	1 48	11 51	0 41	15 17	2 39	6 59	1 5	18 53	0 22	9 10	0 49	16 22	0 9	15 18	7 54	5 28	5 53	20 33	13 23	7 17
M12	4 13	28 22	4 59	8 2	1 48	12 19	0 45	15 22	2 38	7 3	1 5	18 52	0 22	9 11	0 49	16 23	0 9	15 19	7 53	5 28	5 52	20 31	13 24	7 17
T 13	3 50	28 16	5 14	7 17	1 47	12 47	0 49	15 27	2 37	7 8	1 5	18 50	0 22	9 12	0 49	16 23	0 9	15 19	7 53	5 28	5 50	20 28	13 25	7 16
W14	3 27	26 18	5 9	6 31	1 45	13 15	0 53	15 32	2 36	7 12	1 5	18 49	0 22	9 13	0 49	16 23	0 9	15 20	7 53	5 27	5 49	20 26	13 26	7 16
T 15	3 4	22 31	4 44	5 44	1 43	13 42	0 57	15 36	2 35	7 17	1 5	18 47	0 22	9 14	0 49	16 24	0 9	15 20	7 52	5 26	5 48	20 23	13 26	7 15
F 16	2 41	17 15	4 0	4 57	1 40	14 9	1 1	15 41	2 34	7 22	1 5	18 46	0 22	9 15	0 48	16 24	0 9	15 20	7 52	5 25	5 47	20 21	13 27	7 15
S 17	2 18	10 55	2 59	4 10	1 37	14 36	1 5	15 45	2 33	7 26	1 5	18 44	0 22	9 16	0 48	16 24	0 9	15 21	7 52	5 24	5 45	20 18	13 28	7 14
S 18	1 55	4 0	1 46	3 23	1 33	15 3	1 9	15 49	2 32	7 31	1 5	18 43	0 23	9 16	0 48	16 25	0 9	15 21	7 51	5 23	5 44	20 16	13 29	7 14
M19	1 32	3n 2	0 27	2 35	1 29	15 29	1 13	15 53	2 31	7 36	1 5	18 41	0 23	9 17	0 48	16 25	0 9	15 22	7 51	5 23	5 43	20 14	13 29	7 13
T 20	1 8	9 47	0n52	1 47	1 24	15 55	1 17	15 57	2 30	7 40	1 5	18 40	0 23	9 18	0 48	16 25	0 9	15 22	7 51	5 23	5 42	20 11	13 30	7 13
W21	0 45	15 51	2 6	1 0	1 20	16 20	1 22	16 0	2 28	7 45	1 4	18 39	0 23	9 19	0 48	16 26	0 9	15 22	7 50	5 23	5 41	20 9	13 31	7 12
T 22	0 22	20 58	3 10	0 12	1 14	16 46	1 26	16 4	2 27	7 50	1 4	18 37	0 23	9 20	0 48	16 26	0 9	15 23	7 50	5 24	5 39	20 6	13 31	7 12
F 23	0s 2	24 52	4 3	0s35	1 9	17 11	1 30	16 7	2 26	7 54	1 4	18 36	0 23	9 20	0 48	16 26	0 9	15 23	7 50	5 24	5 38	20 4	13 32	7 11
S 24	0 25	27 25	4 42	1 22	1 3	17 35	1 34	16 10	2 24	7 59	1 4	18 34	0 23	9 21	0 48	16 27	0 9	15 23	7 49	5 24	5 37	20 1	13 33	7 11
S 25	0 48	28 32	5 6	2 8	0 58	17 59	1 38	16 13	2 23	8 4	1 4	18 33	0 23	9 22	0 48	16 27	0 9	15 24	7 49	5 25	5 36	19 59	13 33	7 10
M26	1 12	28 14	5 16	2 55	0 51	18 23	1 42	16 16	2 22	8 8	1 4	18 32	0 24	9 23	0 48	16 27	0 9	15 24	7 48	5 25	5 34	19 56	13 34	7 10
T 27	1 35	26 36	5 12	3 41	0 45	18 46	1 46	16 19	2 20	8 13	1 4	18 30	0 24	9 24	0 48	16 28	0 9	15 25	7 48	5 24	5 33	19 54	13 35	7 9
W28	1 58	23 48	4 55	4 26	0 39	19 9	1 50	16 21	2 19	8 18	1 4	18 29	0 24	9 24	0 48	16 28	0 9	15 25	7 48	5 24	5 32	19 51	13 35	7 9
T 29	2 22	20 2	4 25	5 12	0 32	19 32	1 54	16 24	2 17	8 23	1 4	18 28	0 24	9 25	0 48	16 28	0 9	15 25	7 47	5 24	5 31	19 48	13 36	7 8
F 30	2s45	15n27	3n44	5s56</																				

SWISS EPHEMERIS for the year 2005

OCTOBER 2005

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	0 39 18	7 ^h 54 ^m 51 ^s	10 ^h 36 ^m	17 ^h 44 ^m	22 ^m 7	23 ^h 22 ^m	24 ^h 34 ^m	8 ^h 54 ^m	7 ^h R40	15 ^h R 0	22 ^h 3 ^m	13 ^h R38	13 ^h Y52	17 ^h 21 ^m	27 ^h R49
S 2	0 43 15	8 ^h 53 ^m 53 ^s	22 ^h 41 ^m	19 ^h 22 ^m	23 ^h 15 ^m	23 ^h R22	24 ^h 47 ^m	8 ^h 59 ^m	7 ^h X38	14 ^h 59 ^m	22 ^h 4	13 ^h Y38	13 ^h 49 ^m	17 ^h 28 ^m	27 ^h Z49
M 3	0 47 11	9 ^h 52 ^m 57 ^s	4 ^h 55 ^m	20 ^h 59 ^m	24 ^h 22 ^m	23 ^h 22	25 ^h 0	9 ^h 4	7 ^h 36	14 ^h 58	22 ^h 4	13 ^h 37	13 ^h 46	17 ^h 34	27 ^h 48
T 4	0 51 8	10 ^h 52 ^m 02 ^s	17 ^h 21 ^m	22 ^h 36 ^m	25 ^h 29 ^m	23 ^h 20	25 ^h 13 ^m	9 ^h 9	7 ^h 34	14 ^h 58	22 ^h 5	13 ^h D37	13 ^h 42	17 ^h 41	27 ^h 48
W 5	0 55 4	11 ^h 51 ^m 10 ^s	29 ^h 58 ^m	24 ^h 11 ^m	26 ^h 37 ^m	23 ^h 18	25 ^h 25 ^m	9 ^h 14	7 ^h 32	14 ^h 57	22 ^h 6	13 ^h 37	13 ^h 39	17 ^h 48	27 ^h D48
T 6	0 59 1	12 ^h 50 ^m 20 ^s	12 ^h 49 ^m	25 ^h 46 ^m	27 ^h 44 ^m	23 ^h 15	25 ^h 38 ^m	9 ^h 19	7 ^h 30	14 ^h 56	22 ^h 8	13 ^h 37	13 ^h 36	17 ^h 54	27 ^h 48
F 7	1 2 58	13 ^h 49 ^m 32 ^s	25 ^h 53 ^m	27 ^h 20 ^m	28 ^h 50 ^m	23 ^h 11	25 ^h 51 ^m	9 ^h 24	7 ^h 29	14 ^h 56	22 ^h 9	13 ^h R37	13 ^h 33	18 ^h 1	27 ^h 48
S 8	1 6 54	14 ^h 48 ^m 45 ^s	9 ^h 11 ^m	28 ^h 53 ^m	29 ^h 57 ^m	23 ^h 6	26 ^h 4	9 ^h 28	7 ^h 27	14 ^h 55	22 ^h 10	13 ^h 37	13 ^h 30	18 ^h 8	27 ^h 48
S 9	1 10 51	15 ^h 48 ^m 01 ^s	22 ^h 44 ^m	0 ^h 26 ^m	1 ^h 4	23 ^h 0	26 ^h 17 ^m	9 ^h 33	7 ^h 25	14 ^h 54	22 ^h 11	13 ^h 37	13 ^h 27	18 ^h 15	27 ^h 49
M10	1 14 47	16 ^h 47 ^m 18 ^s	6 ^h 30 ^m	1 ^h 58 ^m	2 ^h 10	22 ^h 53	26 ^h 30 ^m	9 ^h 38	7 ^h 23	14 ^h 54	22 ^h 12	13 ^h 37	13 ^h 23	18 ^h 21	27 ^h 49
T 11	1 18 44	17 ^h 46 ^m 37 ^s	20 ^h 30 ^m	3 ^h 29 ^m	3 ^h 17	22 ^h 45	26 ^h 43 ^m	9 ^h 42	7 ^h 22	14 ^h 53	22 ^h 13	13 ^h D37	13 ^h 20	18 ^h 28	27 ^h 49
W12	1 22 40	18 ^h 45 ^m 58 ^s	4 ^h 42 ^m	4 ^h 59 ^m	4 ^h 23	22 ^h 37	26 ^h 56 ^m	9 ^h 46	7 ^h 20	14 ^h 53	22 ^h 14	13 ^h 37	13 ^h 17	18 ^h 35	27 ^h 50
T 13	1 26 37	19 ^h 45 ^m 20 ^s	1 ^h 5 ^m	6 ^h 28 ^m	5 ^h 29	22 ^h 27	27 ^h 9	9 ^h 51	7 ^h 18	14 ^h 52	22 ^h 16	13 ^h 38	13 ^h 14	18 ^h 41	27 ^h 50
F 14	1 30 33	20 ^h 44 ^m 44 ^s	3 ^h X35	7 ^h 57 ^m	6 ^h 34	22 ^h 17	27 ^h 22 ^m	9 ^h 55	7 ^h 17	14 ^h 52	22 ^h 17	13 ^h 38	13 ^h 11	18 ^h 48	27 ^h 51
S 15	1 34 30	21 ^h 44 ^m 10 ^s	18 ^h 7 ^m	9 ^h 25 ^m	7 ^h 40	22 ^h 6	27 ^h 35 ^m	9 ^h 59	7 ^h 15	14 ^h 51	22 ^h 18	13 ^h 39	13 ^h 8	18 ^h 55	27 ^h 52
S 16	1 38 27	22 ^h 43 ^m 38 ^s	2 ^h Y37	10 ^h 52 ^m	8 ^h 45	21 ^h 54	27 ^h 48 ^m	10 ^h 3	7 ^h 14	14 ^h 51	22 ^h 20	13 ^h 39	13 ^h 4	19 ^h 1	27 ^h 52
M17	1 42 23	23 ^h 43 ^m 07 ^s	16 ^h 59 ^m	12 ^h 18 ^m	9 ^h 50	21 ^h 42	28 ^h 1	10 ^h 7	7 ^h 13	14 ^h 51	22 ^h 21	13 ^h R39	13 ^h 1	19 ^h 8	27 ^h 53
T 18	1 46 20	24 ^h 42 ^m 39 ^s	1 ^h 8 ^m	13 ^h 44 ^m	10 ^h 55	21 ^h 28	28 ^h 14 ^m	10 ^h 10	7 ^h 11	14 ^h 50	22 ^h 22	13 ^h 39	12 ^h 58	19 ^h 15	27 ^h 54
W19	1 50 16	25 ^h 42 ^m 13 ^s	14 ^h 59 ^m	15 ^h 9 ^m	12 ^h 0	21 ^h 14	28 ^h 27 ^m	10 ^h 14	7 ^h 10	14 ^h 50	22 ^h 24	13 ^h 38	12 ^h 55	19 ^h 22	27 ^h 55
T 20	1 54 13	26 ^h 41 ^m 48 ^s	28 ^h 29 ^m	16 ^h 33 ^m	13 ^h 4	20 ^h 59	28 ^h 40 ^m	10 ^h 18	7 ^h 9	14 ^h 50	22 ^h 25	13 ^h 36	12 ^h 52	19 ^h 28	27 ^h 56
F 21	1 58 9	27 ^h 41 ^m 27 ^s	11 ^h Y38	17 ^h 56 ^m	14 ^h 9	20 ^h 43	28 ^h 53 ^m	10 ^h 21	7 ^h 7	14 ^h 50	22 ^h 27	13 ^h 34	12 ^h 48	19 ^h 35	27 ^h 57
S 22	2 2 6	28 ^h 41 ^m 07 ^s	24 ^h 25 ^m	19 ^h 18 ^m	15 ^h 13	20 ^h 27	29 ^h 6	10 ^h 25	7 ^h 6	14 ^h 49	22 ^h 28	13 ^h 32	12 ^h 45	19 ^h 42	27 ^h 59
S 23	2 6 2	29 ^h 40 ^m 49 ^s	6 ^h 53 ^m	20 ^h 39 ^m	16 ^h 16	20 ^h 10	29 ^h 19 ^m	10 ^h 28	7 ^h 5	14 ^h 49	22 ^h 30	13 ^h 31	12 ^h 42	19 ^h 48	28 ^h 0
M24	2 9 59	0 ^h 40 ^m 34 ^s	1 ^h 5 ^m	21 ^h 59 ^m	17 ^h 20	19 ^h 53	29 ^h 32 ^m	10 ^h 31	7 ^h 4	14 ^h 49	22 ^h 31	13 ^h 29	12 ^h 39	19 ^h 55	28 ^h 1
T 25	2 13 56	1 ^h 40 ^m 21 ^s	1 ^h 5 ^m	23 ^h 18 ^m	18 ^h 23	19 ^h 35	29 ^h 45 ^m	10 ^h 34	7 ^h 3	14 ^h 49	22 ^h 33	13 ^h D29	12 ^h 36	20 ^h 2	28 ^h 3
W26	2 17 52	2 ^h 40 ^m 10 ^s	12 ^h 59 ^m	24 ^h 36 ^m	19 ^h 26	19 ^h 16	29 ^h 58 ^m	10 ^h 37	7 ^h 2	14 ^h 49	22 ^h 34	13 ^h 29	12 ^h 33	20 ^h 8	28 ^h 4
T 27	2 21 49	3 ^h 40 ^m 01 ^s	24 ^h 49 ^m	25 ^h 53 ^m	20 ^h 29	18 ^h 57	0 ^h 12 ^m	10 ^h 40	7 ^h 1	14 ^h D49	22 ^h 36	13 ^h 30	12 ^h 29	20 ^h 15	28 ^h 6
F 28	2 25 45	4 ^h 39 ^m 55 ^s	6 ^h Y43	27 ^h 8 ^m	21 ^h 31	18 ^h 37	0 ^h 25 ^m	10 ^h 43	7 ^h 0	14 ^h 49	22 ^h 38	13 ^h 32	12 ^h 26	20 ^h 22	28 ^h 7
S 29	2 29 42	5 ^h 39 ^m 50 ^s	18 ^h 43 ^m	28 ^h 21 ^m	22 ^h 34	18 ^h 17	0 ^h 38 ^m	10 ^h 46	6 ^h 59	14 ^h 49	22 ^h 39	13 ^h 34	12 ^h 23	20 ^h 29	28 ^h 9
S 30	2 33 38	6 ^h 39 ^m 48 ^s	0 ^h 54 ^m	29 ^h 33 ^m	23 ^h 35	17 ^h 57	0 ^h 51 ^m	10 ^h 48	6 ^h 58	14 ^h 49	22 ^h 41	13 ^h 35	12 ^h 20	20 ^h 35	28 ^h 11
MB1	2 37 35	7 ^h 39 ^m 48 ^s	13 ^h 19 ^m	0 ^h 43 ^m	24 ^h 37 ^m	17 ^h 36	1 ^h 4	10 ^h 51	6 ^h X57	14 ^h 49	22 ^h 43	13 ^h R36	12 ^h Y17	20 ^h 42	28 ^h Z12

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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	decl	lat	decl	lat	decl	lat
S 1	3s 8	10n16	2n53	6s40	0n19	20s15	2s 1	16n28	2s13	8s32	1n 4	18n25	0n24	9s27	0s48	16s29	0s 9	15s26	7n47	5n23	5n28	19n43	13s37	7n 7				
S 2	3 32	4 39	1 54	7 24	0 12	20 36	2 5	16 30	2 12	8 37	1 4	18 24	0 24	9 27	0 48	16 29	0 9	15 27	7 46	5 23	5 27	19 41	13 37	7 7	7 7			
M 3	3 55	1s13	0 48	8 7	0 5	20 57	2 9	16 31	2 10	8 41	1 4	18 23	0 24	9 28	0 48	16 29	0 9	15 27	7 46	5 23	5 26	19 38	13 38	7 6	7 6			
T 4	4 18	7 8	0s21	8 50	0s 2	21 17	2 13	16 33	2 8	8 46	1 3	18 22	0 25	9 29	0 48	16 29	0 9	15 27	7 46	5 23	5 25	19 36	13 39	7 6	7 6			
W 5	4 41	12 52	1 29	9 31	0 9	21 37	2 17	16 34	2 6	8 51	1 3	18 21	0 25	9 29	0 48	16 30	0 9	15 28	7 45	5 23	5 23	19 33	13 39	7 5	7 5			
T 6	5 4	18 9	2 35	10 13	0 16	21 56	2 20	16 35	2 4	8 56	1 3	18 19	0 25	9 30	0 48	16 30	0 9	15 28	7 45	5 23	5 22	19 31	13 40	7 5	7 5			
F 7	5 27	22 41	3 34	10 53	0 23	22 15	2 24	16 36	2 2	9 0	1 3	18 18	0 25	9 31	0 48	16 30	0 9	15 29	7 45	5 23	5 21	19 28	13 40	7 4	7 4			
S 8	5 50	26 8	4 22	11 33	0 30	22 33	2 28	16 37	2 0	9 5	1 3	18 17	0 25	9 31	0 48	16 30	0 9	15 29	7 44	5 23	5 20	19 25	13 41	7 4	7 4			
S 9	6 13	28 10	4 56	12 13	0 38	22 50	2 31	16 38	1 57	9 10	1 3	18 16	0 25	9 32	0 48	16 30	0 9	15 29	7 44	5 23	5 18	19 23	13 41	7 3	7 3			
M10	6 36	28 31	5 15	12 51	0 45	23 8	2 35	16 38	1 55	9 15	1 3	18 15	0 25	9 32	0 48	16 31	0 9	15 30	7 44	5 22	5 17	19 20	13 41	7 3	7 3			
T 11	6 59	27 4	5 15	13 29	0 52	23 24	2 38	16 39	1 53	9 19	1 3	18 14	0 25	9 33	0 48	16 31	0 9	15 30	7 43	5 22	5 16	19 18	13 42	7 2	7 2			
W12	7 21	23 52	4 56	14 6	0 59	23 40	2 42	16 39	1 50	9 24	1 3	18 13	0 26	9 34	0 48	16 31	0 9	15 30	7 43	5 22	5 15	19 15	13 42	7 2	7 2			
T 13	7 44	19 12	4 19	14 42	1 5	23 56	2 45	16 39	1 48	9 29	1 3	18 12	0 26	9 34	0 48	16 31	0 9	15 31	7 43	5 23	5 13	19 13	13 43	7 1	7 1			
F 14	8 6	13																										

SWISS EPHEMERIS for the year 2005

NOVEMBER 2005

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
T 1	2 41 31	8♉39°50	25♊59	1♌52	25♌38	17°R15	1♈17	10♏53	6°R56	14♌49	22♌44	13°R35	12♌14	20♌49	28♌14
W 2	2 45 28	9°39'53	8♉57	2°57	26°39	16♌54	1°30	10°56	6♌56	14°50	22°46	13°R33	12°10	20°55	28°16
T 3	2 49 25	10°39'59	22°12	4° 1	27°40	16°33	1°43	10°58	6°55	14°50	22°48	13°30	12° 7	21° 2	28°18
F 4	2 53 21	11°40'07	5♌42	5° 1	28°40	16°12	1°56	11° 0	6°54	14°50	22°50	13°26	12° 4	21° 9	28°20
S 5	2 57 18	12°40'16	19°26	5°59	29°40	15°50	2° 9	11° 2	6°54	14°50	22°51	13°21	12° 1	21°15	28°23
S 6	3 1 14	13°40'27	3♊20	6°52	0♌39	15°29	2°22	11° 4	6°53	14°51	22°53	13°17	11°58	21°22	28°25
M 7	3 5 11	14°40'40	17°21	7°42	1°38	15° 8	2°35	11° 5	6°53	14°51	22°55	13°13	11°54	21°29	28°27
T 8	3 9 7	15°40'54	1♌28	8°28	2°37	14°46	2°48	11° 7	6°52	14°51	22°57	13°11	11°51	21°35	28°30
W 9	3 13 4	16°41'09	15°37	9° 8	3°35	14°26	3° 1	11° 9	6°52	14°52	22°59	13°D10	11°48	21°42	28°32
T 10	3 17 0	17°41'26	29°47	9°44	4°33	14° 5	3°13	11°10	6°51	14°52	23° 1	13°10	11°45	21°49	28°34
F 11	3 20 57	18°41'44	13♌55	10°13	5°30	13°44	3°26	11°11	6°51	14°53	23° 3	13°12	11°42	21°56	28°37
S 12	3 24 54	19°42'03	28° 1	10°35	6°26	13°24	3°39	11°13	6°51	14°53	23° 5	13°13	11°39	22° 2	28°40
S 13	3 28 50	20°42'24	12♌3	10°49	7°22	13° 4	3°52	11°14	6°51	14°54	23° 7	13°R14	11°35	22° 9	28°42
M14	3 32 47	21°42'47	2♌57	10°R56	8°18	12°45	4° 5	11°15	6°51	14°55	23° 9	13°13	11°32	22°16	28°45
T 15	3 36 43	22°43'11	9♌42	10°54	9°13	12°26	4°17	11°16	6°51	14°55	23°11	13°11	11°29	22°22	28°48
W16	3 40 40	23°43'36	23°14	10°42	10° 8	12° 8	4°30	11°16	6°D51	14°56	23°13	13° 6	11°26	22°29	28°51
T 17	3 44 36	24°44'03	6♈13	10°20	11° 1	11°50	4°43	11°17	6°51	14°57	23°15	12°59	11°23	22°36	28°54
F 18	3 48 33	25°44'32	19°31	9°47	11°55	11°32	4°56	11°18	6°51	14°57	23°17	12°52	11°20	22°42	28°57
S 19	3 52 29	26°45'03	2♌15	9° 4	12°47	11°16	5° 8	11°18	6°51	14°58	23°19	12°44	11°16	22°49	29° 0
S 20	3 56 26	27°45'35	14°42	8°11	13°39	10°59	5°21	11°18	6°51	14°59	23°21	12°36	11°13	22°56	29° 3
M21	4 0 23	28°46'09	26°54	7° 9	14°30	10°44	5°33	11°19	6°51	15° 0	23°23	12°30	11°10	23° 2	29° 6
T 22	4 4 19	29°46'45	8♏54	5°59	15°21	10°29	5°46	11°R19	6°51	15° 1	23°25	12°25	11° 7	23° 9	29° 9
W23	4 8 16	0♌47'22	20°47	4°42	16°10	10°15	5°58	11°19	6°52	15° 1	23°27	12°23	11° 4	23°16	29°12
T 24	4 12 12	1°48'01	2♈37	3°21	16°59	10° 1	6°11	11°19	6°52	15° 2	23°29	12°D22	11° 0	23°22	29°16
F 25	4 16 9	2°48'41	14°29	1°59	17°47	9°49	6°23	11°18	6°53	15° 3	23°31	12°23	10°57	23°29	29°19
S 26	4 20 5	3°49'23	26°29	0°39	18°34	9°37	6°36	11°18	6°53	15° 4	23°33	12°24	10°54	23°36	29°23
S 27	4 24 2	4°50'07	8♌42	29♈22	19°20	9°25	6°48	11°17	6°54	15° 5	23°36	12°R25	10°51	23°43	29°26
M28	4 27 58	5°50'52	21°11	28°12	20° 6	9°15	7° 0	11°17	6°54	15° 6	23°38	12°24	10°48	23°49	29°30
T 29	4 31 55	6°51'39	4♈ 2	27°10	20°50	9° 5	7°12	11°16	6°55	15° 7	23°40	12°22	10°45	23°56	29°33
W30	4 35 52	7°52'27	17♈15	26♈18	21♌33	8♌57	7♈24	11♏15	6♌56	15° 8	23°42	12°R17	10°41	24° 3	29♌37

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	14s23	11s 5	1 s 8	23s13	2s45	26s55	3s33	16n12	0s50	10s57	1n 3	17n57	0n28	9s42	0s47	16s32	0s 9	15s38	7n37	5n22	4n50	18n22	13s48	6n51
W 2	14 43	16 37	2 15	23 29	2 47	26 58	3 34	16 9	0 46	11 1	1 2	17 57	0 29	9 42	0 47	16 32	0 9	15 38	7 37	5 21	4 49	18 20	13 48	6 51
T 3	15 1	21 28	3 16	23 42	2 48	27 1	3 36	16 6	0 43	11 6	1 2	17 56	0 29	9 42	0 47	16 32	0 9	15 39	7 37	5 20	4 47	18 17	13 48	6 50
F 4	15 20	25 19	4 7	23 55	2 49	27 3	3 37	16 3	0 39	11 10	1 2	17 56	0 29	9 43	0 47	16 32	0 9	15 39	7 36	5 18	4 46	18 14	13 48	6 50
S 5	15 39	27 46	4 46	24 5	2 50	27 4	3 38	16 1	0 36	11 15	1 2	17 56	0 29	9 43	0 47	16 32	0 9	15 39	7 36	5 16	4 45	18 11	13 48	6 49
S 6	15 57	28 31	5 8	24 14	2 49	27 5	3 39	15 58	0 32	11 19	1 2	17 55	0 29	9 43	0 47	16 32	0 9	15 40	7 36	5 15	4 44	18 9	13 48	6 49
M 7	16 15	27 28	5 11	24 22	2 48	27 5	3 39	15 55	0 29	11 23	1 2	17 55	0 29	9 43	0 47	16 32	0 9	15 40	7 36	5 13	4 42	18 6	13 48	6 48
T 8	16 32	24 39	4 57	24 27	2 46	27 5	3 40	15 52	0 25	11 28	1 3	17 55	0 29	9 43	0 47	16 31	0 9	15 40	7 35	5 12	4 41	18 3	13 48	6 48
W 9	16 49	20 21	4 24	24 31	2 43	27 4	3 40	15 49	0 22	11 32	1 3	17 54	0 30	9 43	0 47	16 31	0 9	15 41	7 35	5 12	4 40	18 1	13 48	6 47
T 10	17 7	14 54	3 35	24 32	2 39	27 2	3 41	15 46	0 18	11 37	1 3	17 54	0 30	9 43	0 47	16 31	0 9	15 41	7 35	5 12	4 39	17 58	13 48	6 47
F 11	17 23	8 41	2 33	24 32	2 34	27 0	3 41	15 44	0 15	11 41	1 3	17 54	0 30	9 43	0 47	16 31	0 9	15 41	7 35	5 13	4 38	17 55	13 48	6 46
S 12	17 40	2 2	1 22	24 29	2 28	26 57	3 41	15 41	0 12	11 45	1 3	17 54	0 30	9 43	0 47	16 31	0 9	15 42	7 34	5 13	4 36	17 52	13 48	6 46
S 13	17 56	4n40	0 6	24 23	2 21	26 54	3 40	15 38	0 8	11 50	1 3	17 54	0 30	9 43	0 47	16 31	0 9	15 42	7 34	5 13	4 35	17 50	13 48	6 45
M14	18 12	11 5	1n 9	24 16	2 12	26 50	3 40	15 35	0 5	11 54	1 3	17 53	0 30	9 43	0 47	16 31	0 9	15 42	7 34	5 13	4 34	17 47	13 48	6 45
T 15	18 27	16 55	2 19	24 5	2 1	26 46	3 39	15 33	0 2	11 58	1 3	17 53	0 30	9 43	0 47	16 30	0 9	15 43	7 34	5 12	4 33	17 44	13 48	6 45
W16	18 42	21 48	3 20	23 51	1 50	26 41	3 38	15 30	0n 2	12 2	1 3	17 53	0 31	9 43	0 47	16 30	0 9	15 43	7 34	5 10	4 31	17 41	13 48	6 44
T 17	18 57	25 29	4 9	23 35	1 36	26 35	3 37	15 28	0 5	12 7	1 3	17 53	0 31	9 43	0 47	16 30	0 9	15 43	7 33	5 8	4 30	17 39	13 48	6 44
F 18	19 12	27 44	4 43	23 15	1 21	26 29	3 36	15 25	0 8	12 11	1 3	17 53	0 31	9 43	0 47	16 30	0 9	15 44	7 33	5 5	4 29	17 36	13 47	6 43
S 19	19 26	28 28	5 3	22 52	1 4	26 23	3 34	15 23	0 11	12 15	1 3	17 53	0 31	9 43	0 47	16 30	0 9	15 44	7 33	5 2	4 28	17 33	13 47	6 43
S 20	19 40	27 44	5 8	22 26	0 47	26 16	3 33	15 21	0 14	12 19	1 3	17 53	0 31	9 43	0 47	16 29	0 9	15 44	7 33	4 59	4 26	17 30	13 47	6 42
M21	19 53	25 39	4 59	21 57	0 27	26 8	3 31	15 19	0 17	12 23	1 3	17 53	0 31	9 43	0 47	16 29	0 9	15 45	7 33	4 56	4 25	17 28	13 47	6 42
T 22	20 6	22 28	4 36	21 26	0 7	26 1	3 28	15 17	0 20	12 27	1 3	17 53	0 32	9 43	0 47	16 29	0 9	15 45	7 32	4 54	4 24	17 25	13 47	6 42
W23	20 19	18 23	4 2	20 52	0n13	25 52	3 26	15 16	0 23	12 31	1 3	17 54	0 32	9 43	0 46	16 29	0 9	15 45	7 32	4 53	4 23	17 22	13 46	6 41
T 24	20 31	13 37	3 18	20 17	0 34	25 43	3 23	15 14	0 26	12 36	1 3	17 54	0 32	9 43	0 46	16 28	0 9	15 45	7 32	4 53	4 21	17 19	13 46	6 41
F 25	20 43	8 20	2 25	19 41	0 54	25 34	3 20	15 13	0 29	12 40	1 3	17 54	0 32	9 42	0 46	16 28	0 9	15 46	7 32	4 53	4 20	17 16	13 46	6 40
S 26	20 55	2 42	1 25	19 6	1 13	25 25	3 17	15 12	0 32	12 44	1 3	17 54	0 32	9 42	0 46	16 28	0 9	15 46	7 32	4 54	4 19	17 14	13 45	6 40
S 27	21 6	3s 8	0 20	18 33	1 31	25 15	3 14	15 11	0 34	12 48	1 3	17 55	0 32	9 42	0 46	16 27	0 9	15 46	7 31	4 54	4 18	17 11	13 45	6 39
M28	21 17	9 0	0s47	18 2	1 47	25 4	3 10	15 10	0 37	12 52	1 3	17 55	0 32	9 42	0 46	16 27	0 9	15 46	7 31	4 54	4 16	17 8	13 45	6 39
T 29	21 27	14 38	1 53	17 34	2 1	24 54	3 6	15 9	0 40	12 55	1 3	17 55	0 33	9 41	0 46	16 27	0 9	15 47	7 31	4 53	4 15	17 5	13 45	6 39

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DECEMBER 2005

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T 1	4 39 48	8°53'17	0°50	25°R38	22°316	8°R49	7°M37	11°R14	6°K56	15°M10	23°M44	12°R10	10°Y38	24°Ω 9	29°341								
F 2	4 43 45	9°54'08	14°47	25°M 8	22°57	8°R41	7°49	11°Ω13	6°57	15°11	23°46	12°Y 1	10°35	24°16	29°44								
S 3	4 47 41	10°55'00	28°59	24°51	23°37	8°35	8° 1	11°12	6°58	15°12	23°49	11°51	10°32	24°23	29°48								
S 4	4 51 38	11°55'53	13°322	24°D44	24°16	8°30	8°13	11°11	6°59	15°13	23°51	11°41	10°29	24°29	29°52								
M 5	4 55 34	12°56'47	27°50	24°48	24°53	8°25	8°25	11°10	7° 0	15°15	23°53	11°32	10°26	24°36	29°56								
T 6	4 59 31	13°57'42	12°M16	25° 2	25°29	8°21	8°36	11° 8	7° 1	15°16	23°55	11°26	10°22	24°43	29°59								
W 7	5 3 28	14°58'37	26°36	25°25	26° 4	8°18	8°48	11° 7	7° 2	15°17	23°58	11°22	10°19	24°49	0° 4								
T 8	5 7 24	15°59'33	10°K46	25°57	26°38	8°16	9° 0	11° 5	7° 3	15°19	24° 0	11°D21	10°16	24°56	0° 8								
F 9	5 11 21	17° 0'30	24°47	26°35	27°10	8°15	9°11	11° 3	7° 4	15°20	24° 2	11°21	10°13	25° 3	0°12								
S 10	5 15 17	18° 1'27	8°Y36	27°20	27°40	8°D14	9°23	11° 1	7° 5	15°21	24° 4	11°R21	10°10	25° 9	0°16								
S 11	5 19 14	19° 2'25	22°15	28°11	28° 9	8°14	9°35	10°59	7° 7	15°23	24° 6	11°21	10° 6	25°16	0°20								
M12	5 23 10	20° 3'24	5°B44	29° 7	28°36	8°15	9°46	10°57	7° 8	15°24	24° 9	11°18	10° 3	25°23	0°24								
T 13	5 27 7	21° 4'23	19° 3	0°M 7	29° 1	8°17	9°57	10°55	7° 9	15°26	24°11	11°13	10° 0	25°30	0°29								
W14	5 31 3	22° 5'23	2°II 11	1°11	29°25	8°20	10° 9	10°53	7°11	15°27	24°13	11° 5	9°57	25°36	0°33								
T 15	5 35 0	23° 6'23	15° 8	2°18	29°47	8°23	10°20	10°50	7°12	15°29	24°15	10°54	9°54	25°43	0°37								
F 16	5 38 57	24° 7'25	27°53	3°29	0°M 6	8°27	10°31	10°48	7°13	15°30	24°18	10°41	9°51	25°50	0°41								
S 17	5 42 53	25° 8'27	10°C25	4°42	0°24	8°32	10°42	10°45	7°15	15°32	24°20	10°28	9°47	25°56	0°46								
S 18	5 46 50	26° 9'30	22°45	5°57	0°40	8°38	10°53	10°42	7°17	15°34	24°22	10°14	9°44	26° 3	0°50								
M19	5 50 46	27°10'33	4°Ω53	7°14	0°54	8°44	11° 4	10°40	7°18	15°35	24°24	10° 3	9°41	26°10	0°55								
T 20	5 54 43	28°11'37	16°51	8°33	1° 5	8°51	11°15	10°37	7°20	15°37	24°27	9°53	9°38	26°16	0°59								
W21	5 58 39	29°12'42	28°42	9°54	1°14	8°59	11°26	10°34	7°22	15°39	24°29	9°47	9°35	26°23	1° 4								
T 22	6 2 36	0°313'48	10°M30	11°15	1°21	9° 7	11°36	10°31	7°23	15°40	24°31	9°43	9°32	26°30	1° 8								
F 23	6 6 32	1°14'54	22°20	12°38	1°26	9°16	11°47	10°28	7°25	15°42	24°33	9°41	9°28	26°36	1°13								
S 24	6 10 29	2°16'01	4°A17	14° 2	1°R28	9°26	11°57	10°24	7°27	15°44	24°36	9°41	9°25	26°43	1°17								
S 25	6 14 26	3°17'08	16°27	15°27	1°28	9°36	12° 8	10°21	7°29	15°46	24°38	9°41	9°22	26°50	1°22								
M26	6 18 22	4°18'17	28°55	16°52	1°25	9°47	12°18	10°18	7°31	15°47	24°40	9°40	9°19	26°56	1°27								
T 27	6 22 19	5°19'25	11°M46	18°19	1°20	9°58	12°28	10°14	7°33	15°49	24°42	9°37	9°16	27° 3	1°31								
W28	6 26 15	6°20'35	25° 3	19°46	1°12	10°10	12°39	10°10	7°35	15°51	24°45	9°31	9°12	27°10	1°36								
T 29	6 30 12	7°21'45	8°M48	21°13	1° 2	10°23	12°49	10° 7	7°37	15°53	24°47	9°22	9° 9	27°16	1°41								
F 30	6 34 8	8°22'55	23° 0	22°42	0°49	10°36	12°59	10° 3	7°39	15°55	24°49	9°11	9° 6	27°23	1°46								
S 31	6 38 5	9°23'06	7°35	24°M10	0°M34	10°50	13°M 8	9°Ω59	7°K41	15°M57	24°M51	8°Y59	9°Y 3	27°Ω30	1°M50								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	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	21s47	24s 4	3s49	16s52	2n22	24s31	2s57	15n 8	0n45	13s 3	1n 3	17n56	0n33	9s41	0s46	16s26	0s 9	15s47	7n31	4n49	4n13	17n 0	13s44	6n38
F 2	21 56 27	3 4	3 16 38	2 30 24	20 2	2 53 15	8 0	47 13 7	1 3	17 56	0 33	9 40	0 46	16 26	0 9	15 48	7 31	4 45	4 11	16 57	13 43	6 38		
S 3	22 5 28	23 4	5 16 28	2 35 24	8 2	2 48 15	9 0	49 13 11	1 3	17 57	0 33	9 40	0 46	16 25	0 9	15 48	7 30	4 41	4 10	16 54	13 43	6 37		
S 4	22 13 27	48 5	4 16 23	2 39 23	55 2	2 42 15	9 0	52 13 15	1 3	17 57	0 33	9 40	0 46	16 25	0 9	15 48	7 30	4 37	4 9	16 51	13 43	6 37		
M 5	22 21 25	22 4	5 16 22	2 41 23	43 2	2 36 15	10 0	54 13 18	1 3	17 58	0 34	9 39	0 46	16 25	0 9	15 48	7 30	4 34	4 8	16 48	13 42	6 37		
T 6	22 29 21	18 4	2 16 26	2 41 23	30 2	2 30 15	10 0	56 13 22	1 3	17 58	0 34	9 39	0 46	16 24	0 9	15 48	7 30	4 31	4 6	16 45	13 42	6 36		
W 7	22 36 16	1 3	3 16 32	2 40 23	17 2	2 24 15	11 0	58 13 26	1 4	17 59	0 34	9 39	0 46	16 24	0 9	15 49	7 30	4 30	4 5	16 43	13 41	6 36		
T 8	22 42 9	55 2	3 16 41	2 38 23	4 2	2 17 15	13 0	1 0 13 30	1 4	18 0	0 34	9 38	0 46	16 24	0 9	15 49	7 30	4 29	4 4	16 40	13 41	6 36		
F 9	22 48 3	24 1	2 16 53	2 34 22	51 2	2 10 15	14 1	2 13 33	1 4	18 0	0 34	9 38	0 46	16 23	0 9	15 49	7 30	4 29	4 3	16 37	13 40	6 35		
S 10	22 54 3n11	0 15 17	8 2	2 30 22	38 2	2 15 16	1 4	13 37	1 4	18 1	0 34	9 37	0 46	16 23	0 9	15 49	7 30	4 30	4 1	16 34	13 40	6 35		
S 11	22 59 9	33 0n58	17 24	2 25 22	24 1	1 54 15	17 1	6 13 40	1 4	18 2	0 34	9 37	0 46	16 22	0 9	15 50	7 29	4 29	4 0	16 31	13 39	6 35		
M12	23 4 15	24 2	6 17 41	2 20 22	10 1	1 46 15	19 1	7 13 44	1 4	18 2	0 35	9 36	0 46	16 22	0 9	15 50	7 29	4 28	3 59	16 28	13 38	6 34		
T 13	23 8 20	28 3	6 18 0	2 14 21	57 1	1 38 15	22 1	9 13 47	1 4	18 3	0 35	9 36	0 46	16 22	0 9	15 50	7 29	4 26	3 58	16 25	13 38	6 34		
W14	23 12 24	26 3	5 18 19	2 7 21	43 1	1 29 15	24 1	11 13 51	1 4	18 4	0 35	9 35	0 46	16 21	0 9	15 50	7 29	4 23	3 56	16 22	13 37	6 34		
T 15	23 16 27	6 4	3 18 39	2 0 21	29 1	1 19 15	27 1	12 13 54	1 4	18 5	0 35	9 34	0 46	16 21	0 9	15 50	7 29	4 19	3 55	16 20	13 37	6 33		
F 16	23 19 28	19 4	5 19 0	1 53 21	15 1	1 9 15	30 1	14 13 58	1 4	18 6	0 35	9 34	0 46	16 20	0 9	15 51	7 29	4 14	3 54	16 17	13 36	6 33		
S 17	23 21 28	1 5	1 19 20	1 46 21	2 0	0 59 15	32 1	16 14 1	1 4	18 6	0 35	9 33	0 46	16 20	0 9	15 51	7 29	4 8	3 53	16 14	13 35	6 33		
S 18	23 23 26	21 4	5 19 41	1 38 20	48 0	0 49 15	36 1	17 14 4	1 4	18 7	0 36	9 33	0 46	16 19	0 9	15 51	7 29	4 3	3 51	16 11	13 35	6 33		
M19	23 25 23	28 4	3 20 2	1 31 20	34 0	0 37 15	39 1	18 14 8	1 4	18 8	0 36	9 32	0 46	16 19	0 9	15 51	7 29	3 59	3 50	16 8	13 34	6 32		
T 20	23 26 19	37 4	1 20 22	1 23 20	21 0	0 26 15	43 1	20 14 11	1 5	18 9	0 36	9 31	0 45	16 18	0 9	15 51	7 29	3 55	3 49	16 5	13 33	6 32		
W21	23 26 15	2 3	19 20 42	1 15 20	7 0	1 14 15	46 1	21 14 14	1 5	18 10	0 36	9 31	0 45	16 18	0 9	15 51	7 28	3 52	3 48	16 2	13 33	6 32		
T 22	23 26 9	55 2	2 28 21	1 7 19	54 0	2 15 50	1 22	14 17	1 5	18 11	0 36	9 30	0 45	16 17	0 9	15 52	7 28	3 51	3 46	15 59	13 32	6 32		
F 23	23 26 4	26 1	3 21 20	0 59 19	40 0n11	15 54	1 24	14 21	1 5	18 12	0 36	9 29	0 45	16 17	0 9	15 52	7 28	3 50	3 45	15 56	13 31	6 31		
S 24	23 25 1s16	0 29 21	38 0	51 19	27 0	24 15	58 1	25 14 24	1 5	18 13	0 36	9 29	0 45	16 16	0 9	15 52	7 28	3 50	3 44	15 54	13 31	6 31		
S 25	23 24 7	1 0s36	21 56	0 43 19	14 0	37 16	3 1	26 14 27	1 5	18 14	0 37	9 28	0 45	16 16	0 9	15 52	7 28	3 50	3 43	15 51	13 30	6 31		
M26	23 22 12	39 1	40 22	12 0	36 19	1 0	51 16	7 1	27 14	30 1	5 18	15	0 37	9 27	0 45	16 15	0 9	15 52	7 28	3 50	3 41	15 48	13 29	6 31
T 27	23 20 17	55 2	2 41 22	28 0	28 18	49 1	5 16	12 1	28 14	33 1	5 18	16	0 37	9 26	0 45	16 15	0 9	15 52	7 28	3 49	3 40	15 45	13 28	6 30
W28	23 17 22	30 3	35 22	43 0	20 18	36 1	19 16	17 1	29 14	36 1	5 18	17	0 37	9 26	0 45	16 14	0 9	15 53	7 28	3 46	3 39	15 42	13 27	6 30
T 29	23 14 26	2 4	19 22	57 0	12 18	24 1	34 16	22 1	30 14	39 1	5 18													