

SWISS EPHEMERIS for the year 2001

JANUARY 2001

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	6 42 51	10 ³⁸ 38'00	18 ⁴² 42	14 ¹⁶ 16	26 ⁵⁸ 58	4 ⁵⁶ 56	2°R11	24°R35	18 ³⁹ 39	5 ²⁰ 20	13 ⁴⁶ 46	15 ³¹ 31	15 ⁴¹ 41	4 ⁰ 0	22 ³² 32	
T 2	6 46 47	11°39'10	0 ⁵⁴ 54	15°54	28° 4	5°31	2 ^{II} 7	24 ³³ 33	18°42	5°22	13°48	15°31	15°38	4° 7	22°39	
W 3	6 50 44	12°40'19	13°23	17°32	29°10	6° 6	2° 2	24°30	18°45	5°24	13°50	15°R31	15°35	4°13	22°45	
T 4	6 54 40	13°41'28	26°13	19°10	0 ¹⁶ 16	6°41	1°58	24°28	18°48	5°26	13°52	15°31	15°32	4°20	22°52	
F 5	6 58 37	14°42'37	9 ²⁷ 27	20°48	1°21	7°16	1°54	24°26	18°51	5°28	13°54	15°31	15°28	4°26	22°59	
S 6	7 2 33	15°43'46	23° 8	22°27	2°26	7°51	1°50	24°24	18°54	5°30	13°57	15°D31	15°25	4°33	23° 5	
S 7	7 6 30	16°44'54	7 ^{II} 17	24° 6	3°31	8°26	1°46	24°22	18°57	5°33	13°59	15°31	15°22	4°40	23°12	
M 8	7 10 26	17°46'02	21°52	25°45	4°36	9° 1	1°42	24°20	19° 0	5°35	14° 1	15°32	15°19	4°46	23°18	
T 9	7 14 23	18°47'10	6 ^{III} 47	27°25	5°40	9°35	1°39	24°18	19° 3	5°37	14° 3	15°32	15°16	4°53	23°25	
W10	7 18 20	19°48'17	21°56	29° 4	6°44	10°10	1°36	24°16	19° 6	5°39	14° 5	15°R32	15°13	5° 0	23°31	
T 11	7 22 16	20°49'24	7 ^{II} 8	0 ⁴⁴ 44	7°47	10°44	1°32	24°15	19° 9	5°41	14° 7	15°31	15° 9	5° 6	23°38	
F 12	7 26 13	21°50'31	22°16	2°24	8°51	11°19	1°30	24°13	19°13	5°44	14° 9	15°31	15° 6	5°13	23°44	
S 13	7 30 9	22°51'38	7 ^{III} 8	4° 4	9°54	11°53	1°27	24°12	19°16	5°46	14°10	15°30	15° 3	5°20	23°51	
S 14	7 34 6	23°52'44	21°40	5°43	10°56	12°28	1°25	24°10	19°19	5°48	14°12	15°29	15° 0	5°26	23°57	
M15	7 38 2	24°53'50	5 ^{II} 47	7°23	11°58	13° 2	1°22	24° 9	19°22	5°50	14°14	15°28	14°57	5°33	24° 3	
T 16	7 41 59	25°54'56	19°27	9° 2	13° 0	13°36	1°20	24° 8	19°25	5°52	14°16	15°28	14°53	5°40	24° 9	
W17	7 45 55	26°56'02	2 ^{III} 43	10°40	14° 2	14°11	1°18	24° 7	19°29	5°55	14°18	15°D28	14°50	5°46	24°16	
T 18	7 49 52	27°57'08	15°35	12°18	15° 3	14°45	1°17	24° 6	19°32	5°57	14°20	15°28	14°47	5°53	24°22	
F 19	7 53 49	28°58'13	28° 9	13°55	16° 3	15°19	1°15	24° 6	19°35	5°59	14°22	15°29	14°44	6° 0	24°28	
S 20	7 57 45	29°59'19	10 ^{II} 27	15°30	17° 3	15°53	1°14	24° 5	19°39	6° 2	14°23	15°31	14°41	6° 6	24°34	
S 21	8 1 42	1 ^{III} 0'23	22°33	17° 4	18° 3	16°27	1°13	24° 4	19°42	6° 4	14°25	15°32	14°38	6°13	24°40	
M22	8 5 38	2° 1'28	4 ^{III} 30	18°35	19° 2	17° 0	1°12	24° 4	19°45	6° 6	14°27	15°33	14°34	6°20	24°46	
T 23	8 9 35	3° 2'31	16°22	20° 4	20° 1	17°34	1°12	24° 4	19°49	6° 8	14°29	15°R34	14°31	6°26	24°52	
W24	8 13 31	4° 3'34	28°10	21°30	20°59	18° 8	1°11	24° 4	19°52	6°11	14°30	15°33	14°28	6°33	24°58	
T 25	8 17 28	5° 4'36	9 ^{III} 58	22°53	21°57	18°41	1°D11	24°D 4	19°55	6°13	14°32	15°31	14°25	6°40	25° 4	
F 26	8 21 24	6° 5'38	21°47	24°11	22°54	19°15	1°11	24° 4	19°59	6°15	14°34	15°29	14°22	6°46	25°10	
S 27	8 25 21	7° 6'38	3 ^{III} 39	25°25	23°51	19°48	1°12	24° 4	20° 2	6°17	14°35	15°25	14°19	6°53	25°15	
S 28	8 29 18	8° 7'38	15°36	26°32	24°47	20°22	1°12	24° 4	20° 6	6°20	14°37	15°21	14°15	7° 0	25°21	
M29	8 33 14	9° 8'36	27°41	27°34	25°43	20°55	1°13	24° 4	20° 9	6°22	14°38	15°17	14°12	7° 6	25°27	
T 30	8 37 11	10° 9'33	9 ^{III} 56	28°28	26°38	21°28	1°13	24° 5	20°13	6°24	14°40	15°14	14° 9	7°13	25°32	
W31	8 41 7	11 ^{III} 0'29	22°V24	29 ^{III} 14	27 ^{III} 32	22 ^{III} 1	1 ^{III} 15	24 ^{III} 6	20 ^{III} 16	6 ^{III} 27	14 ^{III} 41	15 ^{III} 11	14 ^{III} 6	7 ^{III} 20	25 ^{III} 38	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
M 1	23s 1	8s49	4s44	24s38	1s58	13s57	1s31	11s59	1n16	19n48	0s48	16n47	2s12	15s53	0s41	18s46	0n10	12s12	10n19	22n32	22n31	20s50	18s14	5n 0
T 2	22 56	4 21	5 8	24 30	2 1	13 31	1 27	12 11	1 15	19 48	0 48	16 47	2 12	15 52	0 41	18 46	0 10	12 13	10 19	22 32	22 31	20 49	18 15	5 0
W 3	22 50	0n24	5 18	24 19	2 3	13 4	1 23	12 22	1 15	19 47	0 48	16 46	2 11	15 51	0 41	18 45	0 10	12 13	10 19	22 32	22 32	20 48	18 15	5 0
T 4	22 44	5 16	5 13	24 8	2 5	12 37	1 19	12 34	1 15	19 46	0 48	16 46	2 11	15 50	0 41	18 45	0 10	12 13	10 19	22 32	22 32	20 47	18 15	5 1
F 5	22 38	10 2	4 51	23 54	2 6	12 10	1 15	12 46	1 15	19 46	0 48	16 46	2 11	15 49	0 41	18 44	0 10	12 13	10 19	22 32	22 32	20 47	18 15	5 1
S 6	22 31	14 29	4 12	23 39	2 7	11 43	1 11	12 57	1 15	19 45	0 47	16 45	2 11	15 48	0 41	18 44	0 10	12 13	10 19	22 32	22 33	20 46	18 15	5 1
S 7	22 23	18 17	3 17	23 23	2 8	11 15	1 7	13 8	1 14	19 45	0 47	16 45	2 10	15 47	0 41	18 43	0 10	12 13	10 19	22 32	22 33	20 45	18 15	5 1
M 8	22 16	21 4	2 8	23 5	2 8	10 47	1 2	13 20	1 14	19 44	0 47	16 45	2 10	15 46	0 41	18 43	0 10	12 13	10 19	22 32	22 34	20 44	18 15	5 2
T 9	22 7	22 27	0 48	22 46	2 7	10 20	0 58	13 31	1 14	19 44	0 47	16 45	2 10	15 45	0 41	18 42	0 10	12 14	10 20	22 32	22 34	20 43	18 15	5 2
W10	21 59	22 14	0n36	22 25	2 7	9 51	0 53	13 42	1 14	19 43	0 46	16 45	2 10	15 44	0 41	18 42	0 10	12 14	10 20	22 32	22 34	20 43	18 15	5 2
T 11	21 50	20 23	1 57	22 2	2 5	9 23	0 48	13 53	1 14	19 43	0 46	16 45	2 9	15 43	0 41	18 41	0 10	12 14	10 20	22 32	22 35	20 42	18 15	5 3
F 12	21 40	17 5	3 10	21 38	2 4	8 55	0 43	14 4	1 13	19 43	0 46	16 44	2 9	15 42	0 41	18 41	0 10	12 14	10 20	22 32	22 35	20 41	18 15	5 3
S 13	21 30	12 45	4 9	21 12	2 1	8 26	0 38	14 14	1 13	19 42	0 46	16 44	2 9	15 41	0 41	18 40	0 10	12 14	10 20	22 32	22 35	20 40	18 15	5 3
S 14	21 20	7 45	4 51	20 45	1 58	7 58	0 32	14 25	1 13	19 42	0 45	16 44	2 8	15 40	0 41	18 40	0 10	12 14	10 20	22 32	22 36	20 39	18 15	5 4
M15	21 9	2 30	5 13	20 16	1 55	7 29	0 27	14 36	1 13	19 42	0 45	16 44	2 8	15 39	0 41	18 39	0 10	12 14	10 20	22 32	22 36	20 38	18 14	5 4
T 16	20 58	2s43	5 17	19 46	1 50	7 0	0 21	14 46	1 12	19 42	0 45	16 44	2 8	15 38	0 41	18 38	0 10	12 14	10 20	22 33	22 36	20 38	18 14	5 4
W17	20 46	7 39	5 3	19 15	1 46	6 31	0 15	14 57	1 12	19 42	0 45	16 44	2 8	15 37	0 41	18 38	0 10	12 14	10 21	22 33	22 37	20 37	18 14	5 5
T 18	20 34	12 7	4 35	18 43	1 40	6 2	0 10	15 7	1 12	19 42	0 44	16 44	2 7	15 36	0 41	18 37	0 10	12 14	10 21	22 32	22 37	20 36	18 14	5 5
F 19	20 22	15 57	3 54	18 9	1 34	5 33	0 3	15 17	1 12	19 42	0 44	16 45	2 7	15 35	0 41	18 37	0 10	12 14	10 21	22 32	22 37	20 35	18 14	5 6
S 20	20 9	19 0	3 3	17 34	1 27	5 4	0n 3	15 27	1 11	19 42	0 44	16 45	2 7	15 34	0 41	18 36	0 10	12 14	10 21	22 32	22 38	20 34	18 14	5 6
S 21	19 56	21 10	2 4	16 58	1 19	4 35	0 9	15 37	1 11	19 42	0 44	16 45	2 6	15 33	0 41	18 36	0 10	12 14	10 21	22 32	22 38	20 33	18 14	5 6
M22	19 43	22 21	1 1	16 22	1 10	4 6	0 15	15 47	1 11	19 42	0 43	16 45	2 6	15 32	0 41	18 35	0 10	12 14	10 21	22 32	22 38	20 32	18 14	5 7
T 23	19 29	22 31	0s 4	15 45	1 1	3 37	0 22	15 57	1 10	19 42	0 43	16 45	2 6	15 31	0 41	18 35	0 10	12 15	10 22	22 32	22 39	20 32	18 13	5 7
W24	19 14	21 39	1 9	15 7	0 50	3 8	0 29	16 6	1 10	19 42	0 43	16 45	2 6	15 30	0 41	18 34	0 10	12 15	10 22	22 32	22 39	20 31	18 13	5 8
T 25	19 0	19 51	2 11	14 30	0 39	2 39	0 36	16 16	1 10	19 42	0 43	16 46	2 5	15 29	0 41	18 33	0 10	12 15	10 22	22 32	22 40	20 30	18 13	5 8
F 26	18 45	17 12	3 7	13 53	0 27	2 10	0 42	16 25	1 9	19 42	0 42	16 46	2 5	15 28	0 41	18 33	0 10	12 15	10 22	22 32	22 40	20 29	18 13	5 9
S 27	18 30	13 49	3 55	13 16	0 14	1 41	0 50	16 35	1 9	19 43	0 42	16 46	2 5	15 27	0 41	18 32	0 10	12 15	10 22	22 33	2			

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FEBRUARY 2001

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T 1	8 45 4	12°11'23	5°10	29°51	28°25	22°34	1°16	24°6	20°19	6°29	14°43	15°R10	14°3	7°26	25°43
F 2	8 49 0	13°12'17	18°16	0°18	29°18	23°7	1°17	24°7	20°23	6°31	14°44	15°D10	13°59	7°33	25°49
S 3	8 52 57	14°13'09	1°45	0°35	0°10	23°40	1°19	24°8	20°26	6°33	14°46	15°E11	13°56	7°39	25°54
S 4	8 56 53	15°13'59	15°40	0°R42	1°2	24°12	1°21	24°9	20°30	6°36	14°47	15°12	13°53	7°46	25°59
M 5	9 0 50	16°14'49	29°59	0°37	1°52	24°45	1°23	24°10	20°33	6°38	14°48	15°14	13°50	7°53	26°4
T 6	9 4 47	17°15'37	14°44	0°21	2°42	25°18	1°25	24°12	20°37	6°40	14°50	15°R14	13°47	7°59	26°10
W 7	9 8 43	18°16'23	29°47	29°55	3°31	25°50	1°28	24°13	20°40	6°42	14°51	15°14	13°44	8°6	26°15
T 8	9 12 40	19°17'08	15°12	29°18	4°19	26°22	1°30	24°15	20°44	6°45	14°52	15°11	13°40	8°13	26°20
F 9	9 16 36	20°17'52	0°16	28°32	5°6	26°54	1°33	24°16	20°47	6°47	14°54	15°7	13°37	8°19	26°25
S 10	9 20 33	21°18'34	15°22	27°38	5°52	27°26	1°36	24°18	20°51	6°49	14°55	15°2	13°34	8°26	26°30
S 11	9 24 29	22°19'16	0°9	26°37	6°37	27°58	1°39	24°20	20°54	6°51	14°56	14°56	13°31	8°33	26°34
M12	9 28 26	23°19'56	14°30	25°31	7°21	28°30	1°43	24°22	20°58	6°54	14°57	14°50	13°28	8°39	26°39
T13	9 32 22	24°20'35	28°23	24°22	8°4	29°2	1°46	24°24	21°1	6°56	14°58	14°46	13°25	8°46	26°44
W14	9 36 19	25°21'12	11°46	23°12	8°46	29°34	1°50	24°26	21°5	6°58	14°59	14°43	13°21	8°53	26°48
T15	9 40 16	26°21'49	24°43	22°3	9°27	0°15	1°54	24°28	21°8	7°0	15°0	14°D42	13°18	8°59	26°53
F16	9 44 12	27°22'25	7°15	20°56	10°6	0°36	1°58	24°31	21°12	7°2	15°1	14°43	13°15	9°6	26°58
S17	9 48 9	28°22'59	19°30	19°53	10°45	1°8	2°3	24°33	21°15	7°4	15°2	14°44	13°12	9°13	27°2
S18	9 52 5	29°23'32	1°30	18°56	11°22	1°39	2°7	24°36	21°19	7°7	15°3	14°46	13°9	9°19	27°6
M19	9 56 2	0°24'04	13°22	18°4	11°57	2°10	2°12	24°38	21°22	7°9	15°4	14°R46	13°5	9°26	27°11
T20	9 59 58	1°24'35	25°9	17°19	12°32	2°41	2°17	24°41	21°25	7°11	15°5	14°46	13°2	9°33	27°15
W21	10 3 55	2°25'04	6°55	16°42	13°5	3°11	2°22	24°44	21°29	7°13	15°6	14°43	12°59	9°39	27°19
T22	10 7 51	3°25'31	18°44	16°12	13°36	3°42	2°27	24°47	21°32	7°15	15°7	14°38	12°56	9°46	27°23
F23	10 11 48	4°25'57	0°37	15°49	14°6	4°12	2°33	24°50	21°36	7°17	15°8	14°31	12°53	9°53	27°27
S24	10 15 45	5°26'22	12°37	15°34	14°34	4°43	2°38	24°53	21°39	7°19	15°8	14°21	12°50	9°59	27°31
S25	10 19 41	6°26'44	24°44	15°26	15°0	5°13	2°44	24°57	21°43	7°21	15°9	14°11	12°46	10°6	27°35
M26	10 23 38	7°27'05	7°1	15°D25	15°25	5°43	2°50	25°0	21°46	7°23	15°10	14°1	12°43	10°13	27°38
T27	10 27 34	8°27'24	19°27	15°31	15°48	6°13	2°56	25°4	21°49	7°25	15°11	13°51	12°40	10°19	27°42
W28	10 31 31	9°27'41	2°4	15°42	16°19	6°42	3°II 2	25°7	21°53	7°27	15°11	13°E43	12°37	10°26	27°46

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	17s 8	8n36	4s56	10s33	1n 3	0n42	1n27	17s20	1n 7	19n45	0s41	16n48	2s 3	15s21	0s41	18s30	0n10	12s14	10n23	22n35	22n42	20s23	18s11	5n11
F 2	16 51	13 3	4 24	10 7	1 20	1 11	1 35	17 28	1 7	19 45	0 41	16 49	2 3	15 20	0 41	18 29	0 10	12 14	10 23	22 35	22 42	20 22	18 11	5 12
S 3	16 34	16 59	3 36	9 45	1 37	1 39	1 43	17 37	1 6	19 46	0 40	16 49	2 3	15 19	0 41	18 28	0 10	12 14	10 24	22 35	22 43	20 22	18 10	5 12
S 4	16 16	20 6	2 35	9 27	1 54	2 7	1 51	17 45	1 6	19 47	0 40	16 50	2 2	15 18	0 41	18 28	0 10	12 14	10 24	22 34	22 43	20 21	18 10	5 13
M 5	15 58	22 4	1 23	9 13	2 11	2 34	2 0	17 54	1 6	19 47	0 40	16 50	2 2	15 17	0 41	18 27	0 10	12 14	10 24	22 34	22 43	20 20	18 10	5 13
T 6	15 40	22 35	0 3	9 3	2 27	3 2	2 8	18 2	1 5	19 48	0 40	16 51	2 2	15 16	0 41	18 27	0 10	12 14	10 24	22 34	22 44	20 19	18 9	5 14
W 7	15 21	21 29	1n19	8 58	2 43	3 29	2 16	18 10	1 5	19 49	0 39	16 52	2 2	15 15	0 41	18 26	0 10	12 14	10 24	22 34	22 44	20 18	18 9	5 14
T 8	15 2	18 49	2 36	8 57	2 57	3 56	2 25	18 18	1 4	19 49	0 39	16 52	2 1	15 13	0 41	18 26	0 10	12 14	10 25	22 34	22 44	20 17	18 9	5 15
F 9	14 43	14 50	3 41	9 1	3 10	4 23	2 34	18 26	1 4	19 50	0 39	16 53	2 1	15 12	0 41	18 25	0 10	12 14	10 25	22 35	22 45	20 16	18 8	5 15
S 10	14 24	9 56	4 31	9 9	3 21	4 49	2 43	18 34	1 3	19 51	0 39	16 54	2 1	15 11	0 41	18 25	0 10	12 14	10 25	22 36	22 45	20 15	18 8	5 16
S 11	14 4	4 33	5 1	9 21	3 30	5 15	2 52	18 41	1 3	19 52	0 38	16 54	2 0	15 10	0 41	18 24	0 10	12 14	10 25	22 36	22 45	20 14	18 8	5 16
M12	13 44	0s56	5 11	9 37	3 36	5 41	3 1	18 49	1 2	19 53	0 38	16 55	2 0	15 9	0 41	18 24	0 10	12 13	10 26	22 37	22 45	20 13	18 7	5 17
T13	13 24	6 11	5 2	9 56	3 41	6 7	3 10	18 56	1 2	19 54	0 38	16 56	2 0	15 8	0 41	18 23	0 10	12 13	10 26	22 37	22 46	20 12	18 7	5 17
W14	13 4	10 58	4 37	10 16	3 43	6 32	3 19	19 3	1 1	19 55	0 38	16 57	2 0	15 7	0 41	18 22	0 10	12 13	10 26	22 38	22 46	20 11	18 6	5 18
T15	12 44	15 5	3 59	10 39	3 42	6 56	3 29	19 11	1 1	19 56	0 37	16 58	1 59	15 6	0 41	18 22	0 10	12 13	10 26	22 38	22 46	20 10	18 6	5 18
F16	12 23	18 24	3 10	11 3	3 40	7 21	3 38	19 18	1 0	19 57	0 37	16 58	1 59	15 5	0 41	18 21	0 10	12 13	10 27	22 38	22 47	20 9	18 5	5 19
S17	12 2	20 49	2 13	11 27	3 35	7 45	3 48	19 25	1 0	19 58	0 37	16 59	1 59	15 3	0 41	18 21	0 10	12 13	10 27	22 37	22 47	20 8	18 5	5 19
S18	11 41	22 14	1 11	11 51	3 28	8 8	3 57	19 31	0 59	19 59	0 37	17 0	1 58	15 2	0 41	18 20	0 10	12 13	10 27	22 37	22 47	20 7	18 4	5 20
M19	11 20	22 38	0 8	12 14	3 20	8 31	4 7	19 38	0 59	20 0	0 37	17 1	1 58	15 1	0 41	18 20	0 10	12 13	10 27	22 37	22 48	20 6	18 4	5 21
T20	10 58	22 1	0s56	12 37	3 10	8 53	4 17	19 45	0 58	20 1	0 36	17 2	1 58	15 0	0 41	18 19	0 10	12 12	10 28	22 37	22 48	20 5	18 4	5 21
W21	10 37	20 26	1 57	12 58	3 0	9 15	4 27	19 51	0 57	20 3	0 36	17 3	1 58	14 59	0 41	18 19	0 10	12 12	10 28	22 38	22 48	20 4	18 3	5 22
T22	10 15	17 57	2 53	13 18	2 48	9 37	4 37	19 58	0 57	20 4	0 36	17 4	1 57	14 58	0 41	18 18	0 10	12 12	10 28	22 38	22 49	20 3	18 3	5 22
F23	9 53	14 42	3 41	13 37	2 36	9 58	4 47	20 4	0 56	20 5	0 36	17 5	1 57	14 57	0 41	18 18	0 10	12 12	10 28	22 39	22 49	20 2	18 2	5 23
S24	9 31	10 50	4 21	13 53	2 23	10 18	4 57	20 10	0 55	20 6	0 35	17 6	1 57	14 56	0 41	18 17	0 10	12 12	10 29	22 40	22 49	20 1	18 2	5 23
S25	9 9	6 30	4 48	14 8	2 10	10 37	5 7	20 16	0 55	20 8	0 35	17 7	1 57	14 55	0 41	18 17	0 10	12 12	10 29	22 41	22 50	20 0	18 1	5 24
M26	8 46	1 52	5 3	14 21	1 57	10 56	5 17	20 22	0 54	20 9	0 35	17 8	1 56	14 54	0 41	18 16	0 10	12 11	10 29	22 42	22 50	19 58	18 0	5 25
T27	8 24	2n55	5 4	14 33	1 43	11 14	5 27	20 28	0 53	20 11	0 35	17 9	1 56	14 53	0 41	18 16	0 10	12 11	10 29	22 43	22 50	19 57	18 0	5 25
W28	8s 1	7n39	4s50	14s42	1n30	11n32	5n37	20s34	0n53	20n12	0s35	17n10	1s56	14s51	0s41	18s15	0n10	12s11	10n30	22n44	22n50	19s56	17s59	5n26

Julian Day Number = 2451941.5, Delta T = 64.11 sec
 Ecliptic obliquity = 23°26'19, Nutation = - 0°00'16
 Ayanamsha: Fagan/Bradley = 24°45'20, Lahiri = 23°52'20

SWISS EPHEMERIS for the year 2001

MARCH 2001

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	10 35 27	10 ^h 27'56"	14 ^h 55'	16 ^h 00'	16 ^h 28'	7 ^h 12'	3 ^h 09'	25 ^h 11'	21 ^h 56'	7 ^h 29'	15 ^h 12'	13 ^h 38'	12 ^h 34'	10 ^h 33'	27 ^h 49'
F 2	10 39 24	11 ^h 28'09"	28° 1	16°23	16°45	7°41	3°15	25°15	21°59	7°31	15°12	13°35	12°30	10°39	27°52
S 3	10 43 20	12 ^h 28'20"	11 ^h 24'	16°51	17° 0	8°10	3°22	25°19	22° 3	7°33	15°13	13°D34	12°27	10°46	27°56
S 4	10 47 17	13 ^h 28'29"	25° 7	17°24	17°13	8°39	3°29	25°23	22° 6	7°35	15°13	13°34	12°24	10°53	27°59
M 5	10 51 14	14 ^h 28'36"	9 ^h 51'	18° 1	17°24	9° 8	3°36	25°27	22° 9	7°37	15°14	13°R35	12°21	10°59	28° 2
T 6	10 55 10	15 ^h 28'41"	23°36	18°42	17°33	9°36	3°43	25°31	22°13	7°39	15°14	13°35	12°18	11° 6	28° 5
W 7	10 59 7	16 ^h 28'43"	8 ^h 09'	19°27	17°39	10° 5	3°50	25°35	22°16	7°41	15°15	13°32	12°15	11°13	28° 8
T 8	11 3 3	17 ^h 28'44"	23°16	20°16	17°42	10°33	3°58	25°39	22°19	7°43	15°15	13°27	12°11	11°19	28°11
F 9	11 7 0	18 ^h 28'42"	8 ^h 19'	21° 8	17°R44	11° 1	4° 6	25°44	22°22	7°45	15°15	13°20	12° 8	11°26	28°14
S 10	11 10 56	19 ^h 28'39"	23°19	22° 3	17°43	11°29	4°13	25°48	22°25	7°46	15°16	13°10	12° 5	11°33	28°17
S 11	11 14 53	20 ^h 28'33"	8 ^h 06'	23° 1	17°39	11°57	4°21	25°53	22°29	7°48	15°16	13° 0	12° 2	11°39	28°19
M12	11 18 49	21 ^h 28'26"	22°32	24° 2	17°33	12°24	4°29	25°58	22°32	7°50	15°16	12°49	11°59	11°46	28°22
T 13	11 22 46	22 ^h 28'17"	6 ^h 11'	25° 5	17°24	12°51	4°38	26° 2	22°35	7°52	15°16	12°41	11°56	11°53	28°24
W14	11 26 43	23 ^h 28'06"	20° 2	26°11	17°13	13°18	4°46	26° 7	22°38	7°54	15°16	12°34	11°52	11°59	28°27
T 15	11 30 39	24 ^h 27'53"	3 ^h 07'	27°19	17° 0	13°45	4°54	26°12	22°41	7°55	15°17	12°29	11°49	12° 6	28°29
F 16	11 34 36	25 ^h 27'39"	15°41	28°29	16°44	14°12	5° 3	26°17	22°44	7°57	15°17	12°27	11°46	12°13	28°31
S 17	11 38 32	26 ^h 27'24"	27°58	29°41	16°25	14°38	5°12	26°22	22°47	7°59	15°17	12°D27	11°43	12°19	28°33
S 18	11 42 29	27 ^h 27'06"	9 ^h 59'	0 ^h 56'	16° 4	15° 4	5°20	26°27	22°50	8° 0	15°R17	12°R27	11°40	12°26	28°35
M19	11 46 25	28 ^h 26'47"	21°51	2°12	15°41	15°30	5°29	26°33	22°53	8° 2	15°17	12°27	11°36	12°33	28°37
T 20	11 50 22	29 ^h 26'26"	3 ^h 38'	3°29	15°16	15°55	5°39	26°38	22°56	8° 4	15°17	12°25	11°33	12°39	28°39
W21	11 54 18	0 ^h 26'03"	15°25	4°49	14°49	16°21	5°48	26°43	22°59	8° 5	15°17	12°21	11°30	12°46	28°41
T 22	11 58 15	1°25'38"	27°17	6°10	14°20	16°46	5°57	26°49	23° 2	8° 7	15°16	12°14	11°27	12°53	28°42
F 23	12 2 11	2°25'12"	9 ^h 16'	7°33	13°49	17°11	6° 7	26°54	23° 5	8° 8	15°16	12° 4	11°24	12°59	28°44
S 24	12 6 8	3°24'43"	21°25	8°57	13°16	17°35	6°16	27° 0	23° 8	8°10	15°16	11°52	11°21	13° 6	28°45
S 25	12 10 5	4°24'13"	3 ^h 46'	10°23	12°42	17°59	6°26	27° 5	23°11	8°11	15°16	11°38	11°17	13°13	28°47
M26	12 14 1	5°23'40"	16°17	11°51	12° 7	18°23	6°36	27°11	23°13	8°13	15°16	11°24	11°14	13°19	28°48
T 27	12 17 58	6°23'06"	29° 1	13°20	11°31	18°47	6°46	27°17	23°16	8°14	15°15	11°11	11°11	13°26	28°49
W28	12 21 54	7°22'29"	11 ^h 56'	14°50	10°54	19°10	6°56	27°23	23°19	8°15	15°15	11° 0	11° 8	13°33	28°50
T 29	12 25 51	8°21'50"	25° 2	16°22	10°16	19°33	7° 6	27°29	23°22	8°17	15°15	10°52	11° 5	13°39	28°51
F 30	12 29 47	9°21'09"	8 ^h 19'	17°56	9°38	19°56	7°16	27°35	23°24	8°18	15°14	10°47	11° 2	13°46	28°52
S 31	12 33 44	10 ^h 20'26"	21 ^h 49'	19 ^h 30'	9°41	20°18	7 ^h 26'	27 ^h 34'	23°27'	8°19	15°14	10°45	10°58	13°53	28°53

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	7s39	12n 8	4s22	14s49	1n17	11n48	5n47	20s39	0n52	20n13	0s34	17n11	1s56	14s50	0s41	18s15	0n10	12s11	10n30	22n44	22n51	19s55	17s59	5n26
F 2	7 16 16	9 3 39	14 55	1 4 12	4 5 57	20 45	0 51	20 15	0 34	17 13	1 55	14 49	0 41	18 14	0 10	12 11	10 30	22 45	22 51	19 54	17 58	5 27		
S 3	6 53 19	27 2 43	14 59	0 51	12 19	6 7 20	50 0	50 20	16 0	34 17	14 1 55	14 48	0 41	18 14	0 10	12 10	10 30	22 45	22 51	19 53	17 58	5 28		
S 4	6 30 21	44 1 37	15 1	0 38	12 33	6 16	20 56	0 50	20 18	0 34	17 15	1 55	14 47	0 41	18 13	0 10	12 10	10 31	22 45	22 52	19 52	17 57	5 28	
M 5	6 7 22	44 0 24	15 1	0 26	12 46	6 26	21 1	0 49	20 19	0 33	17 16	1 55	14 46	0 41	18 13	0 10	12 10	10 31	22 45	22 52	19 51	17 57	5 29	
T 6	5 43 22	15 0m53	14 59	0 15	12 58	6 36	21 6	0 48	20 21	0 33	17 17	1 54	14 45	0 41	18 12	0 10	12 10	10 31	22 45	22 52	19 50	17 56	5 30	
W 7	5 20 20	15 2 8	14 56	0 3	13 9	6 45	21 11	0 47	20 23	0 33	17 19	1 54	14 44	0 41	18 12	0 10	12 9	10 31	22 45	22 52	19 49	17 55	5 30	
T 8	4 57 16	50 3 15	14 51	0s 8	13 19	6 54	21 16	0 46	20 24	0 33	17 20	1 54	14 43	0 41	18 11	0 10	12 9	10 32	22 46	22 53	19 48	17 55	5 31	
F 9	4 33 12	17 4 9	14 45	0 19	13 28	7 3	21 21	0 45	20 26	0 33	17 21	1 54	14 42	0 41	18 11	0 10	12 9	10 32	22 46	22 53	19 46	17 54	5 31	
S 10	4 10 7	1 4 45	14 47	0 29	13 35	7 12	21 25	0 45	20 27	0 32	17 22	1 53	14 41	0 41	18 10	0 10	12 9	10 32	22 47	22 53	19 45	17 54	5 32	
S 11	3 46 1 24	5 2 14	27 0 39	13 41	7 20	21 30	0 44	20 29	0 32	17 24	1 53	14 40	0 41	18 10	0 10	12 9	10 32	22 48	22 54	19 44	17 53	5 33		
M12	3 23 4s 9	4 59 14	16 0 48	13 46	7 28	21 35	0 43	20 31	0 32	17 25	1 53	14 39	0 41	18 9	0 10	12 8	10 33	22 49	22 54	19 43	17 52	5 33		
T 13	2 59 9 19	4 37 14	3 0 57	13 50	7 35	21 39	0 42	20 32	0 32	17 26	1 53	14 38	0 41	18 9	0 10	12 8	10 33	22 50	22 54	19 42	17 52	5 34		
W14	2 36 13 53	4 1 13	49 1 6	13 52	7 42	21 43	0 41	20 34	0 32	17 28	1 52	14 37	0 41	18 8	0 10	12 8	10 33	22 51	22 55	19 41	17 51	5 35		
T 15	2 12 17 37	3 13 13	33 1 14	13 53	7 49	21 48	0 40	20 36	0 31	17 29	1 52	14 36	0 41	18 8	0 9	12 8	10 34	22 51	22 55	19 40	17 50	5 35		
F 16	1 48 20 24	2 17 13	16 1 21	13 53	7 55	21 52	0 39	20 38	0 31	17 30	1 52	14 35	0 41	18 8	0 9	12 7	10 34	22 51	22 55	19 38	17 50	5 36		
S 17	1 25 22 9	1 16 12	58 1 29	13 50	8 1	21 56	0 38	20 39	0 31	17 32	1 52	14 34	0 41	18 7	0 9	12 7	10 34	22 51	22 55	19 37	17 49	5 37		
S 18	1 1 22 51	0 13 12	38 1 35	13 47	8 6	22 0	0 37	20 41	0 31	17 33	1 51	14 33	0 41	18 7	0 9	12 7	10 34	22 51	22 56	19 36	17 49	5 37		
M19	0 37 22 29	0s50	12 17 1 42	13 42	8 10	22 4	0 35	20 43	0 31	17 35	1 51	14 32	0 41	18 6	0 9	12 7	10 35	22 51	22 56	19 35	17 48	5 38		
T 20	0 13 21 7	1 50 11	54 1 48	13 35	8 13	22 8	0 34	20 45	0 31	17 36	1 51	14 31	0 41	18 6	0 9	12 6	10 35	22 52	22 56	19 34	17 47	5 39		
W21	0n10	18 51 2 45	11 30 1 53	13 27	8 16	22 11	0 33	20 46	0 30	17 38	1 51	14 30	0 41	18 6	0 9	12 6	10 35	22 52	22 56	19 33	17 47	5 39		
T 22	0 34 15 46	3 34 11	5 1 58	13 17	8 18	22 15	0 32	20 48	0 30	17 39	1 51	14 29	0 41	18 5	0 9	12 6	10 35	22 53	22 57	19 31	17 46	5 40		
F 23	0 58 12 0	4 13 10	38 2 3	13 6	8 19	22 19	0 31	20 50	0 30	17 40	1 50	14 28	0 41	18 5	0 9	12 6	10 36	22 53	22 57	19 30	17 45	5 41		
S 24	1 21 7 43	4 42 10	10 2 7	12 54	8 20	22 22	0 30	20 52	0 30	17 42	1 50	14 27	0 41	18 4	0 9	12 5	10 36	22 55	22 57	19 29	17 45	5 41		
S 25	1 45 3 3	4 57 9	41 2 11	12 40	8 19	22 26	0 28	20 54	0 30	17 43	1 50	14 26	0 41	18 4	0 9	12 5	10 36	22 56	22 58	19 28	17 44	5 42		
M26	2 9 1n48	4 59 9	11 2 14	12 25	8 17	22 29	0 27	20 56	0 29	17 45	1 50	14 26	0 41	18 4	0 9	12 5	10 36	22 57	22 58	19 27	17 43	5 43		
T 27	2 32 6 40	4 46 8	39 2 17	12 8	8 15	22 32	0 26	20 57	0 29	17 46	1 50	14 25	0 41	18 3	0 9	12 4	10 37	22 58	22 58	19 25	17 43	5 43		
W28	2 56 11 19	4 18 8	7 2 19	11 50	8																			

SWISS EPHEMERIS for the year 2001

APRIL 2001

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	12 37 40	11°19'40	5°31	21°6	8°R23	20°40	7°II37	27°8'47	23°30	8°21	15°R14	10°R44	10°55	13°59	28°53
M 2	12 41 37	12°18'52	19°27	22°44	7°Y46	21° 2	7°47	27°53	23°32	8°22	15°13	10°44	10°52	14° 6	28°54
T 3	12 45 34	13°18'02	3°037	24°23	7°10	21°23	7°58	27°59	23°35	8°23	15°13	10°43	10°49	14°13	28°54
W 4	12 49 30	14°17'09	18° 1	26° 3	6°34	21°44	8° 9	28° 6	23°37	8°24	15°12	10°40	10°46	14°19	28°55
T 5	12 53 27	15°16'14	2°134	27°45	6° 0	22° 5	8°20	28°12	23°40	8°26	15°11	10°35	10°42	14°26	28°55
F 6	12 57 23	16°15'16	17°13	29°29	5°27	22°25	8°31	28°19	23°42	8°27	15°11	10°27	10°39	14°33	28°55
S 7	13 1 20	17°14'17	1°51	1°Y13	4°56	22°45	8°42	28°25	23°45	8°28	15°10	10°16	10°36	14°39	28°55
S 8	13 5 16	18°13'15	16°21	3° 0	4°27	23° 5	8°53	28°31	23°47	8°29	15°10	10° 4	10°33	14°46	28°55
M 9	13 9 13	19°12'11	0°M34	4°47	3°59	23°24	9° 4	28°38	23°49	8°30	15° 9	9°53	10°30	14°53	28°55
T 10	13 13 9	20°11'06	14°27	6°36	3°33	23°42	9°15	28°45	23°52	8°31	15° 8	9°42	10°27	14°59	28°55
W 11	13 17 6	21° 9'58	27°55	8°27	3°10	24° 1	9°27	28°51	23°54	8°32	15° 7	9°34	10°23	15° 6	28°55
T 12	13 21 3	22° 8'49	10°158	10°19	2°49	24°19	9°38	28°58	23°56	8°33	15° 7	9°29	10°20	15°13	28°55
F 13	13 24 59	23° 7'38	23°37	12°13	2°30	24°36	9°50	29° 5	23°58	8°34	15° 6	9°26	10°17	15°19	28°54
S 14	13 28 56	24° 6'25	5°357	14° 8	2°14	24°53	10° 1	29°12	24° 0	8°35	15° 5	9°D25	10°14	15°26	28°54
S 15	13 32 52	25° 5'11	18° 1	16° 5	2° 0	25°10	10°13	29°19	24° 2	8°36	15° 4	9°25	10°11	15°33	28°53
M 16	13 36 49	26° 3'54	29°55	18° 3	1°49	25°26	10°25	29°25	24° 4	8°36	15° 3	9°R25	10° 7	15°39	28°52
T 17	13 40 45	27° 2'37	11°344	20° 3	1°40	25°41	10°37	29°32	24° 6	8°37	15° 2	9°24	10° 4	15°46	28°51
W 18	13 44 42	28° 1'17	23°33	22° 4	1°33	25°56	10°48	29°39	24° 8	8°38	15° 1	9°21	10° 1	15°53	28°51
T 19	13 48 38	28°59'56	5°H29	24° 6	1°29	26°11	11° 0	29°46	24°10	8°39	15° 0	9°16	9°58	15°59	28°50
F 20	13 52 35	29°58'32	17°33	26°10	1°D27	26°25	11°13	29°53	24°12	8°39	14°59	9° 8	9°55	16° 6	28°49
S 21	13 56 32	0°57'08	29°51	28°14	1°28	26°39	11°25	0°II 1	24°14	8°40	14°58	8°58	9°52	16°13	28°47
S 22	14 0 28	1°55'41	12°Y23	0°820	1°31	26°52	11°37	0° 8	24°16	8°41	14°57	8°46	9°48	16°19	28°46
M 23	14 4 25	2°54'12	25°10	2°27	1°37	27° 4	11°49	0°15	24°18	8°41	14°56	8°34	9°45	16°26	28°45
T 24	14 8 21	3°52'42	8°B13	4°35	1°44	27°16	12° 1	0°22	24°19	8°42	14°55	8°23	9°42	16°33	28°43
W 25	14 12 18	4°51'10	21°30	6°43	1°54	27°27	12°14	0°29	24°21	8°42	14°54	8°14	9°39	16°39	28°42
T 26	14 16 14	5°49'36	4°II58	8°52	2° 6	27°38	12°26	0°37	24°23	8°43	14°53	8° 8	9°36	16°46	28°40
F 27	14 20 11	6°48'00	18°37	11° 0	2°20	27°48	12°39	0°44	24°24	8°43	14°52	8° 4	9°33	16°53	28°39
S 28	14 24 7	7°46'22	2°25	13° 9	2°36	27°58	12°51	0°51	24°26	8°44	14°51	8°D 2	9°29	16°59	28°37
S 29	14 28 4	8°44'42	16°19	15°17	2°54	28° 7	13° 4	0°59	24°27	8°44	14°49	8° 2	9°26	17° 6	28°35
M 30	14 32 1	9°43'00	0°N21	17°B24	3°Y13	28°15	13°II17	1°II 6	24°29	8°45	14°48	8° 3	9°23	17°13	28°33

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	4n29	22n52	0s28	5s44	2s24	10n30	7n49	22s48	0n19	21n 7	0s28	17n54	1s49	14s20	0s41	18s 2	0n 9	12s 3	10n38	23n 0	22n59	19s19	17s39	5n47
M 2	4 52	22 47	0n46	5 5	2 24	10 8	7 42	22 51	0 17	21 9	0 28	17 56	1 48	14 20	0 41	18 1	0 9	12 3	10 38	23 0	23 0	19 18	17 39	5 47
T 3	5 15	21 15	1 58	4 25	2 23	9 46	7 33	22 54	0 16	21 10	0 28	17 57	1 48	14 19	0 41	18 1	0 9	12 2	10 38	23 0	23 0	19 17	17 38	5 48
W 4	5 38	18 20	3 3	3 45	2 22	9 24	7 24	22 57	0 14	21 12	0 28	17 59	1 48	14 18	0 42	18 1	0 9	12 2	10 38	23 1	23 0	19 16	17 37	5 49
T 5	6 1	14 15	3 58	3 3	2 21	9 1	7 14	23 0	0 13	21 14	0 28	18 0	1 48	14 17	0 42	18 0	0 9	12 2	10 39	23 1	23 0	19 14	17 37	5 49
F 6	6 24	9 17	4 37	2 20	2 19	8 38	7 3	23 2	0 11	21 16	0 28	18 2	1 48	14 16	0 42	18 0	0 9	12 2	10 39	23 2	23 1	19 13	17 36	5 50
S 7	6 46	3 48	4 57	1 36	2 17	8 15	6 52	23 5	0 9	21 18	0 27	18 4	1 47	14 16	0 42	18 0	0 9	12 1	10 39	23 2	23 1	19 12	17 35	5 51
S 8	7 9	1s50	4 59	0 51	2 14	7 53	6 40	23 8	0 8	21 20	0 27	18 5	1 47	14 15	0 42	18 0	0 9	12 1	10 39	23 3	23 1	19 10	17 35	5 51
M 9	7 31	7 16	4 41	0 5	2 10	7 31	6 28	23 11	0 6	21 22	0 27	18 7	1 47	14 14	0 42	17 59	0 9	12 1	10 40	23 4	23 1	19 9	17 34	5 52
T 10	7 53	12 14	4 8	0n42	2 6	7 9	6 15	23 13	0 4	21 24	0 27	18 8	1 47	14 13	0 42	17 59	0 9	12 0	10 40	23 5	23 2	19 8	17 33	5 53
W 11	8 15	16 26	3 21	1 29	2 2	6 48	6 2	23 16	0 2	21 25	0 27	18 10	1 47	14 13	0 42	17 59	0 9	12 0	10 40	23 6	23 2	19 7	17 33	5 53
T 12	8 37	19 42	2 25	2 18	1 57	6 27	5 49	23 19	0 0	21 27	0 27	18 12	1 47	14 12	0 42	17 59	0 9	12 0	10 40	23 6	23 2	19 5	17 32	5 54
F 13	8 59	21 54	1 23	3 7	1 51	6 7	5 35	23 21	0s	21 29	0 27	18 13	1 46	14 11	0 42	17 58	0 9	12 0	10 40	23 6	23 2	19 4	17 31	5 55
S 14	9 21	23 0	0 18	3 57	1 45	5 48	5 22	23 24	0	3 21 31	0 26	18 15	1 46	14 11	0 42	17 58	0 9	11 59	10 41	23 6	23 3	19 3	17 31	5 55
S 15	9 43	22 59	0s46	4 48	1 39	5 30	5 8	23 26	0	5 21 33	0 26	18 17	1 46	14 10	0 42	17 58	0 9	11 59	10 41	23 6	23 3	19 1	17 30	5 56
M 16	10 4	21 54	1 47	5 40	1 32	5 13	4 54	23 29	0	7 21 35	0 26	18 18	1 46	14 9	0 42	17 58	0 9	11 59	10 41	23 6	23 3	19 0	17 29	5 57
T 17	10 25	19 52	2 43	6 32	1 24	4 57	4 40	23 32	0	10 21 37	0 26	18 20	1 46	14 9	0 42	17 57	0 9	11 59	10 41	23 6	23 3	18 59	17 29	5 57
W 18	10 46	17 0	3 32	7 25	1 16	4 41	4 26	23 34	0	12 21 38	0 26	18 21	1 46	14 8	0 42	17 57	0 9	11 58	10 41	23 7	23 4	18 57	17 28	5 58
T 19	11 7	13 24	4 12	8 18	1 8	4 27	4 12	23 37	0	14 21 40	0 26	18 23	1 45	14 7	0 42	17 57	0 9	11 58	10 42	23 7	23 4	18 56	17 27	5 59
F 20	11 28	9 14	4 42	9 11	0 59	4 14	3 59	23 39	0	16 21 42	0 26	18 25	1 45	14 7	0 42	17 57	0 9	11 58	10 42	23 7	23 4	18 55	17 27	5 59
S 21	11 48	4 38	4 59	10 4	0 50	4 2	3 45	23 42	0	18 21 44	0 25	18 26	1 45	14 6	0 42	17 57	0 9	11 57	10 42	23 8	23 4	18 53	17 26	6 0
S 22	12 9	0n16	5 2	10 58	0 41	3 50	3 32	23 45	0	21 21 46	0 25	18 28	1 45	14 6	0 42	17 57	0 9	11 57	10 42	23 9	23 5	18 52	17 25	6 1
M 23	12 29	5 14	4 50	11 51	0 31	3 40	3 18	23 47	0	23 21 47	0 25	18 30	1 45	14 5	0 42	17 56	0 9	11 57	10 42	23 10	23 5	18 51	17 25	6 1
T 24	12 49	10 6	4 23	12 44	0 20	3 31	3 5	23 50	0	25 21 49	0 25	18 31	1 45	14 5	0 42	17 56	0 9	11 57	10 42	23 10	23 5	18 49	17 24	6 2
W 25	13 8	14 34	3 41	13 36	0 10	3 24	2 52	23 52	0	28 21 51	0 25	18 33	1 45	14 4	0 42	17 56	0 9	11 56	10 42	23 11	23 5	18 48	17 24	6 2
T 26	13 28	18 24	2 47	14 28	0n 0	3 17	2 40	23 55	0	30 21 53	0 25	18 34	1 44	14 4	0 42	17 56	0 9	11 56	10 43	23 11	23 6	18 47	17 23	6 3
F 27	13 47	21 16	1 42	15 18	0 11	3 11	2 27	23 58	0	33 21 54	0 25	18 36	1 44	14 3	0 42	17 56	0 9	11 56	10 43	23 12	23 6	18 45	17 22	6 4
S 28	14 6	22 55	0 30	16 8	0 22	3 6	2 15	24 1	0	35 21 56	0 24	18 38	1 44	14 3	0 42	17 56	0 9	11 56	10 43	23 12	23 6	18 44	17 22	6 4
S 29	14 25	23 10	0n44	16 56	0 33	3 2	2 3	24 3	0	38 21 58	0 24	18 39	1 44	14 2	0 42	17 56	0 9	11 55	10 43	23 12	23 6	18 43	17 21	6 5
M 30	14n43																							

SWISS EPHEMERIS for the year 2001

MAY 2001

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	14 35 57	10♌41'16	14♌28	19♌31	3♍35	28♌23	13♌29	1♌14	24♌30	8♌45	14♌47	8♌3	9♌20	17♌19	28♌31	
W 2	14 39 54	11♌39'30	28♌39	21♌36	3♍58	28♌30	13♌42	1♌21	24♌32	8♌45	14♌46	8♌2	9♌17	17♌26	28♌29	
T 3	14 43 50	12♌37'42	12♌54	23♌39	4♍23	28♌36	13♌55	1♌29	24♌33	8♌46	14♌44	7♌58	9♌13	17♌33	28♌27	
F 4	14 47 47	13♌35'51	27♌8	25♌41	4♍50	28♌42	14♌8	1♌36	24♌34	8♌46	14♌43	7♌53	9♌10	17♌39	28♌24	
S 5	14 51 43	14♌33'59	11♌19	27♌40	5♍18	28♌47	14♌21	1♌44	24♌35	8♌46	14♌42	7♌45	9♌7	17♌46	28♌22	
S 6	14 55 40	15♌32'05	25♌22	29♌37	5♍47	28♌51	14♌34	1♌51	24♌37	8♌46	14♌40	7♌37	9♌4	17♌53	28♌20	
M 7	14 59 36	16♌30'09	9♌11	1♌31	6♍19	28♌55	14♌47	1♌59	24♌38	8♌46	14♌39	7♌29	9♌1	17♌59	28♌17	
T 8	15 3 33	17♌28'11	22♌45	3♍22	6♍51	28♌58	15♌0	2♌6	24♌39	8♌46	14♌38	7♌21	8♌58	18♌6	28♌15	
W 9	15 7 29	18♌26'12	5♌59	5♍10	7♍25	29♌0	15♌13	2♌14	24♌40	8♌47	14♌36	7♌15	8♌54	18♌13	28♌12	
T 10	15 11 26	19♌24'11	18♌53	6♍55	8♌0	29♌2	15♌26	2♌22	24♌41	8♌47	14♌35	7♌11	8♌51	18♌19	28♌9	
F 11	15 15 23	20♌22'09	1♌28	8♌37	8♌37	29♌3	15♌40	2♌29	24♌42	8♌47	14♌33	7♌D10	8♌48	18♌26	28♌7	
S 12	15 19 19	21♌20'06	13♌46	10♌16	9♌14	29♌R 3	15♌53	2♌37	24♌43	8♌47	14♌32	7♌10	8♌45	18♌33	28♌4	
S 13	15 23 16	22♌18'01	25♌51	11♌51	9♌53	29♌2	16♌6	2♌45	24♌43	8♌47	14♌31	7♌11	8♌42	18♌39	28♌1	
M14	15 27 12	23♌15'55	7♌46	13♌22	10♌33	29♌1	16♌19	2♌52	24♌44	8♌46	14♌29	7♌12	8♌39	18♌46	27♌58	
T 15	15 31 9	24♌13'48	19♌37	14♌50	11♌14	28♌59	16♌33	3♌0	24♌45	8♌46	14♌28	7♌R13	8♌35	18♌53	27♌55	
W16	15 35 5	25♌11'39	1♌29	16♌14	11♌56	28♌56	16♌46	3♌8	24♌46	8♌46	14♌26	7♌13	8♌32	18♌59	27♌52	
T 17	15 39 2	26♌9'29	13♌26	17♌35	12♌39	28♌52	16♌59	3♌15	24♌46	8♌46	14♌25	7♌12	8♌29	19♌6	27♌49	
F 18	15 42 59	27♌7'18	25♌33	18♌51	13♌23	28♌48	17♌13	3♌23	24♌47	8♌46	14♌23	7♌8	8♌26	19♌13	27♌46	
S 19	15 46 55	28♌5'06	7♌55	20♌4	14♌8	28♌43	17♌26	3♌31	24♌47	8♌46	14♌22	7♌3	8♌23	19♌20	27♌42	
S 20	15 50 52	29♌2'53	20♌35	21♌13	14♌54	28♌37	17♌40	3♌39	24♌48	8♌45	14♌20	6♌58	8♌19	19♌26	27♌39	
M21	15 54 48	0♌II 0'38	3♌33	22♌18	15♌40	28♌30	17♌53	3♌46	24♌48	8♌45	14♌18	6♌51	8♌16	19♌33	27♌36	
T 22	15 58 45	0♌58'22	16♌51	23♌19	16♌28	28♌22	18♌7	3♌54	24♌49	8♌45	14♌17	6♌45	8♌13	19♌40	27♌32	
W23	16 2 41	1♌56'05	0♌II 28	24♌16	17♌16	28♌14	18♌21	4♌2	24♌49	8♌44	14♌15	6♌41	8♌10	19♌46	27♌29	
T 24	16 6 38	2♌53'47	14♌20	25♌9	18♌5	28♌5	18♌34	4♌10	24♌49	8♌44	14♌14	6♌37	8♌7	19♌53	27♌25	
F 25	16 10 34	3♌51'28	28♌24	25♌57	18♌54	27♌56	18♌48	4♌18	24♌50	8♌43	14♌12	6♌36	8♌4	20♌0	27♌22	
S 26	16 14 31	4♌49'07	12♌37	26♌42	19♌44	27♌45	19♌2	4♌25	24♌50	8♌43	14♌11	6♌D36	8♌0	20♌6	27♌18	
S 27	16 18 28	5♌46'45	26♌54	27♌22	20♌35	27♌34	19♌15	4♌33	24♌50	8♌43	14♌9	6♌37	7♌57	20♌13	27♌15	
M28	16 22 24	6♌44'21	11♌12	27♌57	21♌27	27♌22	19♌29	4♌41	24♌50	8♌42	14♌7	6♌38	7♌54	20♌20	27♌11	
T 29	16 26 21	7♌41'56	25♌29	28♌28	22♌19	27♌10	19♌43	4♌49	24♌50	8♌41	14♌6	6♌39	7♌51	20♌26	27♌7	
W30	16 30 17	8♌39'30	9♌40	28♌55	23♌12	26♌57	19♌56	4♌56	24♌R50	8♌41	14♌4	6♌R40	7♌48	20♌33	27♌4	
T 31	16 34 14	9♌II 37'02	23♌46	29♌II 17	24♌V 5	26♌43	20♌II 10	5♌II 4	24♌50	8♌40	14♌3	6♌39	7♌45	20♌40	27♌0	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	15n 2	19n24	3n 2	18n28	0n54	2n57	1n40	24s 9	0s43	22n 1	0s24	18n43	1s44	14s 1	0s42	17s55
W 2	15 20	15 38	3 57	19 11	1 4	2 56	1 29	24 12	0 46	22 3	0 24	18 44	1 44	14 1	0 42	17 55
T 3	15 38	10 59	4 37	19 52	1 14	2 56	1 18	24 15	0 49	22 5	0 24	18 46	1 44	14 0	0 42	17 55
F 4	15 55	5 44	5 1	20 31	1 23	2 57	1 8	24 18	0 52	22 6	0 24	18 47	1 44	14 0	0 43	17 55
S 5	16 12	0 12	5 5	21 8	1 32	2 59	0 57	24 21	0 55	22 8	0 23	18 49	1 43	14 0	0 43	17 55
S 6	16 30	5s17	4 52	21 42	1 40	3 1	0 47	24 24	0 58	22 10	0 23	18 51	1 43	13 59	0 43	17 55
M 7	16 46	10 26	4 21	22 14	1 48	3 5	0 37	24 27	1 1	22 11	0 23	18 52	1 43	13 59	0 43	17 55
T 8	17 3	14 59	3 36	22 43	1 55	3 9	0 28	24 30	1 4	22 13	0 23	18 54	1 43	13 59	0 43	17 55
W 9	17 19	18 41	2 40	23 9	2 2	3 14	0 19	24 33	1 7	22 14	0 23	18 55	1 43	13 58	0 43	17 55
T 10	17 35	21 22	1 37	23 33	2 7	3 19	0 10	24 36	1 10	22 16	0 23	18 57	1 43	13 58	0 43	17 55
F 11	17 50	22 55	0 31	23 55	2 12	3 26	0 1	24 39	1 13	22 17	0 23	18 59	1 43	13 58	0 43	17 55
S 12	18 6	23 19	0s36	24 14	2 16	3 33	0s 7	24 43	1 17	22 19	0 23	19 0	1 43	13 57	0 43	17 55
S 13	18 21	22 36	1 39	24 31	2 20	3 41	0 16	24 46	1 20	22 20	0 23	19 2	1 43	13 57	0 43	17 55
M14	18 35	20 52	2 38	24 45	2 22	3 49	0 23	24 49	1 23	22 22	0 22	19 3	1 43	13 57	0 43	17 55
T 15	18 50	18 15	3 30	24 57	2 24	3 58	0 31	24 53	1 27	22 23	0 22	19 5	1 42	13 57	0 43	17 55
W16	19 4	14 52	4 12	25 7	2 24	4 8	0 39	24 56	1 30	22 25	0 22	19 6	1 42	13 57	0 43	17 55
T 17	19 17	10 53	4 44	25 15	2 24	4 18	0 46	25 0	1 34	22 26	0 22	19 8	1 42	13 56	0 43	17 55
F 18	19 31	6 25	5 4	25 21	2 23	4 29	0 53	25 3	1 37	22 28	0 22	19 10	1 42	13 56	0 43	17 55
S 19	19 44	1 37	5 10	25 25	2 21	4 40	0 59	25 7	1 41	22 29	0 22	19 11	1 42	13 56	0 43	17 55
S 20	19 57	3n22	5 2	25 27	2 18	4 51	1 6	25 10	1 44	22 30	0 22	19 13	1 42	13 56	0 43	17 55
M21	20 9	8 21	4 38	25 27	2 14	5 4	1 12	25 14	1 48	22 32	0 22	19 14	1 42	13 56	0 43	17 55
T 22	20 21	13 4	3 58	25 26	2 10	5 16	1 18	25 17	1 52	22 33	0 21	19 16	1 42	13 56	0 43	17 56
W23	20 33	17 15	3 4	25 23	2 4	5 29	1 24	25 21	1 55	22 34	0 21	19 17	1 42	13 56	0 43	17 56
T 24	20 44	20 33	1 59	25 18	1 58	5 43	1 29	25 25	1 59	22 36	0 21	19 19	1 42	13 56	0 43	17 56
F 25	20 55	22 41	0 45	25 13	1 50	5 57	1 34	25 28	2 3	22 37	0 21	19 20	1 42	13 56	0 43	17 56
S 26	21 6	23 23	0n33	25 5	1 42	6 11	1 40	25 32	2 7	22 38	0 21	19 22	1 42	13 56	0 43	17 56
S 27	21 16	22 33	1 49	24 57	1 32	6 26	1 44	25 36	2 11	22 39	0 21	19 23	1 42	13 56	0 43	17 56
M28	21 26	20 16	2 58	24 48	1 22	6 41	1 49	25 39	2 14	22 41	0 21	19 24	1 42	13 56	0 43	17 56
T 29	21 36	16 44	3 56	24 37	1 11	6 56	1 54	25 43	2 18	22 42	0 21	19 26	1 42	13 56	0 44	17 57
W30	21 45	12 15	4 40	24 25	0 59	7 11	1 58	25 46	2 22	22 43	0 21	19 27	1 41	13 56	0 44	17 57
T 31	21n54	7n 9	5n 6	24n13	0n46	7n27	2s 2	25s50	2s26	22n44	0s21	19n29	1s41	13s56	0s44	17s57

Julian Day Number = 2452030.5, Delta T = 64.16 sec
 Ecliptic obliquity = 23°26'19", Nutation = - 0°00'18"
 Ayanamsha: Fagan/Bradley = 24°45'32", Lahiri = 23°52'32"

SWISS EPHEMERIS for the year 2001

JUNE 2001

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	16 38 10	10II34'32	7Ω43	29II34	24Υ59	26°R29	20II24	5II12	24°R50	8°R40	14°R 1	6°R37	7Ω41	20Ω46	26°R56	
S 2	16 42 7	11°32'01	21°31	29°46	25°53	26°14	20°38	5°20	24°50	8°39	13°59	6Ω34	7°38	20°53	26°52	
S 3	16 46 3	12°29'29	5III 7	29°54	26°48	25°58	20°51	5°27	24°50	8°38	13°58	6°31	7°35	21° 0	26°48	
M 4	16 50 0	13°26'56	18°30	29°R58	27°43	25°42	21° 5	5°35	24°50	8°37	13°56	6°27	7°32	21° 6	26°44	
T 5	16 53 57	14°24'22	1♂39	29°56	28°39	25°26	21°19	5°43	24°49	8°37	13°54	6°24	7°29	21°13	26°40	
W 6	16 57 53	15°21'47	14°33	29°51	29°35	25° 9	21°33	5°51	24°49	8°36	13°53	6°22	7°25	21°20	26°36	
T 7	17 1 50	16°19'11	27°12	29°41	0♂32	24°51	21°47	5°58	24°49	8°35	13°51	6°21	7°22	21°26	26°32	
F 8	17 5 46	17°16'34	9♂36	29°27	1°29	24°34	22° 0	6° 6	24°48	8°34	13°50	6°D21	7°19	21°33	26°28	
S 9	17 9 43	18°13'57	21°48	29° 9	2°27	24°15	22°14	6°14	24°48	8°33	13°48	6°21	7°16	21°40	26°24	
S 10	17 13 39	19°11'19	3Ω50	28°47	3°25	23°57	22°28	6°21	24°47	8°33	13°46	6°22	7°13	21°47	26°20	
M11	17 17 36	20° 8'40	15°44	28°22	4°23	23°38	22°42	6°29	24°47	8°32	13°45	6°24	7°10	21°53	26°16	
T 12	17 21 32	21° 6'00	27°35	27°55	5°22	23°19	22°56	6°37	24°46	8°31	13°43	6°25	7° 6	22° 0	26°12	
W13	17 25 29	22° 3'20	9♂27	27°25	6°21	23° 0	23°10	6°44	24°45	8°30	13°42	6°26	7° 3	22° 7	26° 8	
T 14	17 29 26	23° 0'40	21°24	26°53	7°21	22°41	23°24	6°52	24°45	8°29	13°40	6°R27	7° 0	22°13	26° 4	
F 15	17 33 22	23°57'59	3Υ32	26°20	8°21	22°21	23°37	6°59	24°44	8°28	13°38	6°26	6°57	22°20	26° 0	
S 16	17 37 19	24°55'18	15°54	25°46	9°21	22° 2	23°51	7° 7	24°43	8°27	13°37	6°26	6°54	22°27	25°56	
S 17	17 41 15	25°52'36	28°35	25°12	10°21	21°42	24° 5	7°14	24°42	8°26	13°35	6°25	6°51	22°33	25°52	
M18	17 45 12	26°49'55	11♂37	24°39	11°22	21°23	24°19	7°22	24°41	8°24	13°34	6°23	6°47	22°40	25°48	
T 19	17 49 8	27°47'13	25° 2	24° 6	12°23	21° 3	24°33	7°29	24°40	8°23	13°32	6°22	6°44	22°47	25°44	
W20	17 53 5	28°44'30	8II51	23°35	13°25	20°44	24°47	7°37	24°39	8°22	13°31	6°21	6°41	22°53	25°40	
T 21	17 57 1	29°41'47	23° 0	23° 6	14°26	20°25	25° 0	7°44	24°38	8°21	13°29	6°21	6°38	23° 0	25°36	
F 22	18 0 58	0♂39'04	7Ω27	22°40	15°28	20° 6	25°14	7°52	24°37	8°20	13°28	6°D21	6°35	23° 7	25°32	
S 23	18 4 55	1°36'21	22° 5	22°16	16°30	19°47	25°28	7°59	24°36	8°19	13°26	6°21	6°31	23°13	25°28	
S 24	18 8 51	2°33'37	6Ω48	21°56	17°33	19°29	25°42	8° 6	24°35	8°17	13°25	6°21	6°28	23°20	25°24	
M25	18 12 48	3°30'52	21°40	18°36	19°11	25°56	8°14	8°14	24°34	8°16	13°23	6°21	6°25	23°27	25°20	
T 26	18 16 44	4°28'07	6III 5	21°27	19°39	18°53	26° 9	8°21	24°33	8°15	13°22	6°22	6°22	23°34	25°16	
W27	18 20 41	5°25'21	20°27	21°19	20°42	18°36	26°23	8°28	24°31	8°14	13°20	6°22	6°19	23°40	25°12	
T 28	18 24 37	6°22'35	4Ω34	21°D16	21°45	18°19	26°37	8°35	24°30	8°12	13°19	6°22	6°16	23°47	25° 8	
F 29	18 28 34	7°19'48	18°25	21°17	22°49	18° 3	26°51	8°43	24°29	8°11	13°17	6°22	6°12	23°54	25° 4	
S 30	18 32 30	8Ω17'00	1III58	21II23	23♂53	17♂48	27II 4	8II50	24Ω27	8Ω10	13♂16	6Ω22	6Ω 9	24Ω 0	25♂ 0	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	22n 2	1n44	5n14	23n59	0n33	7n43	2s 6	25s53	2s30	22n45	0s20	19n30	1s41	13s56	0s44	17s57
S 2	22 10	3s42	5 3	23 45	0 19	7 59	2 9	25 57	2 34	22 46	0 20	19 32	1 41	13 56	0 44	17 57
S 3	22 18	8 54	4 36	23 30	0 4	8 16	2 13	26 0	2 37	22 47	0 20	19 33	1 41	13 56	0 44	17 57
M 4	22 25	13 35	3 53	23 15	0s12	8 33	2 16	26 3	2 41	22 48	0 20	19 34	1 41	13 56	0 44	17 58
T 5	22 32	17 34	3 0	22 58	0 28	8 49	2 19	26 6	2 45	22 49	0 20	19 36	1 41	13 56	0 44	17 58
W 6	22 38	20 36	1 57	22 42	0 44	9 6	2 22	26 10	2 49	22 50	0 20	19 37	1 41	13 56	0 44	17 58
T 7	22 44	22 34	0 50	22 25	1 1	9 24	2 25	26 13	2 52	22 51	0 20	19 39	1 41	13 56	0 44	17 58
F 8	22 50	23 23	0s18	22 8	1 18	9 41	2 28	26 16	2 56	22 52	0 20	19 40	1 41	13 57	0 44	17 58
S 9	22 55	23 4	1 24	21 51	1 36	9 58	2 30	26 18	3 0	22 53	0 20	19 41	1 41	13 57	0 44	17 59
S 10	23 0	21 40	2 26	21 33	1 53	10 16	2 32	26 21	3 3	22 54	0 20	19 43	1 41	13 57	0 44	17 59
M11	23 4	19 19	3 21	21 16	2 10	10 34	2 34	26 24	3 7	22 55	0 19	19 44	1 41	13 57	0 44	17 59
T 12	23 8	16 10	4 7	20 59	2 27	10 51	2 36	26 26	3 10	22 56	0 19	19 45	1 41	13 58	0 44	17 59
W13	23 12	12 23	4 42	20 42	2 43	11 9	2 38	26 29	3 14	22 57	0 19	19 46	1 41	13 58	0 44	18 0
T 14	23 15	8 5	5 6	20 26	2 58	11 27	2 40	26 31	3 17	22 57	0 19	19 48	1 41	13 58	0 44	18 0
F 15	23 18	3 26	5 16	20 10	3 13	11 45	2 41	26 33	3 20	22 58	0 19	19 49	1 41	13 58	0 44	18 0
S 16	23 20	1n27	5 12	19 55	3 27	12 2	2 42	26 35	3 24	22 59	0 19	19 50	1 41	13 59	0 44	18 1
S 17	23 22	6 24	4 53	19 42	3 40	12 20	2 44	26 37	3 27	23 0	0 19	19 51	1 41	13 59	0 44	18 1
M18	23 24	11 13	4 19	19 29	3 51	12 38	2 45	26 39	3 30	23 0	0 19	19 53	1 41	13 59	0 44	18 1
T 19	23 25	15 38	3 29	19 17	4 2	12 56	2 45	26 41	3 33	23 1	0 19	19 54	1 41	14 0	0 44	18 1
W20	23 26	19 22	2 27	19 6	4 11	13 13	2 46	26 42	3 36	23 2	0 19	19 55	1 41	14 0	0 44	18 2
T 21	23 26	22 2	1 13	18 57	4 18	13 31	2 47	26 43	3 38	23 2	0 18	19 56	1 41	14 0	0 44	18 2
F 22	23 26	23 20	0n 6	18 50	4 25	13 48	2 47	26 45	3 41	23 3	0 18	19 57	1 41	14 1	0 44	18 2
S 23	23 26	23 3	1 26	18 44	4 29	14 6	2 48	26 46	3 44	23 3	0 18	19 59	1 41	14 1	0 44	18 3
S 24	23 25	21 10	2 41	18 39	4 33	14 23	2 48	26 47	3 46	23 4	0 18	20 0	1 41	14 2	0 44	18 3
M25	23 24	17 53	3 45	18 37	4 35	14 40	2 48	26 48	3 49	23 4	0 18	20 1	1 41	14 2	0 45	18 3
T 26	23 22	13 32	4 34	18 35	4 35	14 57	2 48	26 48	3 51	23 5	0 18	20 2	1 41	14 2	0 45	18 4
W27	23 20	8 27	5 5	18 36	4 34	15 14	2 48	26 49	3 53	23 5	0 18	20 3	1 41	14 3	0 45	18 4
T 28	23 17	3 2	5 17	18 38	4 32	15 31	2 47	26 50	3 55	23 6	0 18	20 4	1 41	14 3	0 45	18 4
F 29	23 14	2s26	5 10	18 41	4 28	15 47	2 47	26 50	3 57	23 6	0 18	20 5	1 41	14 4	0 45	18 5
S 30	23n11	7s41	4n46	18n46	4s24	16n 3	2s46	26s51	3s59	23n 7	0s18	20n 6	1s41	14s 4	0s45	18s 5

Julian Day Number = 2452061.5, Delta T = 64.18 sec
 Ecliptic obliquity = 23°26'19", Nutation = - 0°00'18"
 Ayanamsha: Fagan/Bradley = 24°45'37", Lahiri = 23°52'37"

SWISS EPHEMERIS for the year 2001

JULY 2001

00:00 UT

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

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	23n 7	12s28	4n 7	18n52	4s18	16n19	2s46	26s51	4s 1	23n 7	0s18	20n 8	1s41	14s 5	0s45	18s 5	0n 9	11s49	10n39	23n17	23n18	17s 6	16s56	6n24
M 2	23 3	16 35	3 16	19 0	4 12	16 35	2 45	26 51	4 2	23 7	0 18	20 9	1 41	14 5	0 45	18 6	0 9	11 49	10 39	23 17	23 18	17 4	16 56	6 24
T 3	22 58	19 51	2 16	19 9	4 4	16 51	2 44	26 51	4 4	23 8	0 17	20 10	1 41	14 6	0 45	18 6	0 9	11 49	10 39	23 17	23 18	17 2	16 56	6 24
W 4	22 53	22 7	1 10	19 9	3 55	17 6	2 43	26 51	4 5	23 8	0 17	20 11	1 41	14 6	0 45	18 6	0 9	11 49	10 38	23 17	23 18	17 0	16 56	6 24
T 5	22 48	23 16	0 2	19 30	3 46	17 21	2 42	26 51	4 7	23 8	0 17	20 12	1 41	14 7	0 45	18 7	0 9	11 49	10 38	23 17	23 18	16 59	16 56	6 24
F 6	22 42	23 17	1s 5	19 41	3 36	17 36	2 41	26 52	4 8	23 9	0 17	20 13	1 41	14 8	0 45	18 7	0 9	11 49	10 38	23 17	23 19	16 57	16 56	6 24
S 7	22 36	22 11	2 8	19 54	3 25	17 51	2 39	26 51	4 9	23 9	0 17	20 14	1 41	14 8	0 45	18 8	0 9	11 49	10 38	23 17	23 19	16 55	16 56	6 24
S 8	22 29	20 7	3 5	20 7	3 14	18 5	2 38	26 51	4 10	23 9	0 17	20 15	1 41	14 9	0 45	18 8	0 9	11 50	10 37	23 17	23 19	16 54	16 56	6 24
M 9	22 22	17 11	3 54	20 20	3 2	18 19	2 36	26 51	4 11	23 9	0 17	20 15	1 41	14 9	0 45	18 8	0 9	11 50	10 37	23 17	23 19	16 52	16 56	6 24
T 10	22 15	13 35	4 33	20 34	2 50	18 32	2 35	26 51	4 12	23 9	0 17	20 16	1 41	14 10	0 45	18 9	0 9	11 50	10 37	23 17	23 19	16 50	16 56	6 24
W 11	22 7	9 26	5 0	20 48	2 38	18 45	2 33	26 51	4 13	23 10	0 17	20 17	1 41	14 11	0 45	18 9	0 9	11 50	10 36	23 17	23 19	16 48	16 56	6 23
T 12	21 59	4 55	5 14	21 1	2 25	18 58	2 31	26 51	4 13	23 10	0 17	20 18	1 42	14 11	0 45	18 10	0 9	11 50	10 36	23 17	23 19	16 47	16 56	6 23
F 13	21 51	0 10	5 15	21 15	2 12	19 11	2 30	26 51	4 14	23 10	0 17	20 19	1 42	14 12	0 45	18 10	0 9	11 50	10 36	23 17	23 20	16 45	16 56	6 23
S 14	21 42	4n42	5 1	21 28	1 58	19 23	2 28	26 51	4 14	23 10	0 17	20 20	1 42	14 12	0 45	18 10	0 9	11 50	10 35	23 17	23 20	16 43	16 56	6 23
S 15	21 33	9 29	4 33	21 40	1 45	19 35	2 26	26 51	4 15	23 10	0 16	20 21	1 42	14 13	0 45	18 11	0 9	11 51	10 35	23 17	23 20	16 41	16 56	6 23
M 16	21 23	13 59	3 50	21 52	1 31	19 46	2 24	26 50	4 15	23 10	0 16	20 22	1 42	14 14	0 45	18 11	0 9	11 51	10 35	23 17	23 20	16 40	16 56	6 23
T 17	21 13	17 57	2 53	22 3	1 17	19 57	2 21	26 50	4 15	23 10	0 16	20 23	1 42	14 14	0 45	18 12	0 9	11 51	10 34	23 17	23 20	16 38	16 56	6 22
W 18	21 3	21 4	1 45	22 12	1 4	20 7	2 19	26 50	4 15	23 10	0 16	20 23	1 42	14 15	0 45	18 12	0 9	11 51	10 34	23 17	23 20	16 36	16 56	6 22
T 19	20 52	22 58	0 28	22 20	0 50	20 17	2 17	26 50	4 15	23 10	0 16	20 24	1 42	14 16	0 45	18 12	0 9	11 51	10 34	23 17	23 20	16 34	16 56	6 22
F 20	20 41	23 22	0n52	22 27	0 37	20 27	2 15	26 50	4 15	23 10	0 16	20 25	1 42	14 16	0 45	18 13	0 9	11 52	10 33	23 17	23 20	16 32	16 56	6 22
S 21	20 30	22 6	2 11	22 31	0 24	20 36	2 12	26 50	4 15	23 10	0 16	20 26	1 42	14 17	0 45	18 13	0 9	11 52	10 33	23 17	23 21	16 31	16 57	6 21
S 22	20 18	19 16	3 21	22 34	0 11	20 45	2 10	26 50	4 15	23 10	0 16	20 27	1 42	14 18	0 45	18 14	0 9	11 52	10 33	23 17	23 21	16 29	16 57	6 21
M 23	20 6	15 8	4 17	22 35	0n	120 53	2 7	26 50	4 15	23 9	0 16	20 27	1 42	14 19	0 45	18 14	0 9	11 52	10 32	23 18	23 21	16 27	16 57	6 21
T 24	19 54	10 5	4 55	22 33																				

SWISS EPHEMERIS for the year 2001

AUGUST 2001

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	20 38 40	8♂49'24	2♂55	3♂17	29♂25	16♂7	4♂6	12♂13	23°R26	7°R20	12°R41	6°R 9	4♂28	27♂34	23°R19	
T 2	20 42 37	9°46'47	15° 3	5°22	0♂34	16°17	4°18	12°18	23♂24	7♂19	12♂40	6♂ 8	4°24	27°41	23♂17	
F 3	20 46 33	10°44'12	27° 4	7°28	1°43	16°28	4°31	12°23	23°21	7°17	12°39	6° 6	4°21	27°48	23°15	
S 4	20 50 30	11°41'37	9♂ 0	9°33	2°52	16°40	4°43	12°29	23°19	7°16	12°39	6° 3	4°18	27°54	23°13	
S 5	20 54 27	12°39'03	20°52	11°38	4° 1	16°52	4°55	12°34	23°17	7°14	12°38	5°58	4°15	28° 1	23°11	
M 6	20 58 23	13°36'30	2♂43	13°42	5°10	17° 5	5° 7	12°39	23°14	7°12	12°37	5°51	4°12	28° 8	23°10	
T 7	21 2 20	14°33'58	14°34	15°46	6°19	17°19	5°19	12°44	23°12	7°11	12°37	5°44	4° 8	28°15	23° 8	
W 8	21 6 16	15°31'27	26°28	17°48	7°29	17°33	5°31	12°49	23°10	7° 9	12°36	5°37	4° 5	28°21	23° 6	
T 9	21 10 13	16°28'57	8♂28	19°49	8°38	17°48	5°43	12°54	23° 7	7° 7	12°36	5°31	4° 2	28°28	23° 5	
F 10	21 14 9	17°26'29	20°35	21°49	9°48	18° 4	5°55	12°58	23° 5	7° 6	12°35	5°26	3°59	28°35	23° 3	
S 11	21 18 6	18°24'02	2♂54	23°48	10°58	18°20	6° 7	13° 3	23° 3	7° 4	12°35	5°23	3°56	28°41	23° 2	
S 12	21 22 2	19°21'36	15°29	25°45	12° 8	18°37	6°19	13° 8	23° 0	7° 3	12°35	5°D22	3°53	28°48	23° 0	
M13	21 25 59	20°19'12	28°22	27°41	13°18	18°55	6°31	13°12	22°58	7° 1	12°34	5°22	3°49	28°55	22°59	
T 14	21 29 55	21°16'49	11♂40	29°36	14°28	19°13	6°42	13°17	22°55	7° 0	12°34	5°23	3°46	29° 1	22°58	
W15	21 33 52	22°14'28	25°23	1♂29	15°38	19°32	6°54	13°21	22°53	6°58	12°34	5°24	3°43	29° 8	22°57	
T 16	21 37 49	23°12'09	9♂33	3°21	16°48	19°51	7° 5	13°25	22°51	6°56	12°33	5°R24	3°40	29°15	22°56	
F 17	21 41 45	24° 9'51	24°10	5°11	17°59	20°11	7°17	13°30	22°48	6°55	12°33	5°23	3°37	29°22	22°55	
S 18	21 45 42	25° 7'34	9♂ 8	7° 0	19° 9	20°32	7°28	13°34	22°46	6°53	12°33	5°19	3°34	29°28	22°54	
S 19	21 49 38	26° 5'19	24°21	8°47	20°20	20°53	7°39	13°38	22°43	6°52	12°33	5°14	3°30	29°35	22°54	
M20	21 53 35	27° 3'05	9♂38	10°33	21°31	21°15	7°50	13°42	22°41	6°50	12°33	5° 7	3°27	29°42	22°53	
T 21	21 57 31	28° 0'52	24°48	12°18	22°41	21°37	8° 1	13°46	22°39	6°49	12°32	4°59	3°24	29°48	22°53	
W22	22 1 28	28°58'40	9♂42	14° 1	23°52	22° 0	8°12	13°49	22°36	6°47	12°32	4°51	3°21	29°55	22°52	
T 23	22 5 24	29°56'30	24°12	15°43	25° 3	22°23	8°23	13°53	22°34	6°46	12°32	4°45	3°18	0♂ 2	22°52	
F 24	22 9 21	0♂54'21	8♂13	17°23	26°14	22°47	8°34	13°56	22°32	6°44	12°D32	4°41	3°14	0° 8	22°52	
S 25	22 13 18	1°52'13	21°46	19° 2	27°25	23°11	8°45	14° 0	22°29	6°43	12°32	4°38	3°11	0°15	22°51	
S 26	22 17 14	2°50'06	4♂52	20°40	28°36	23°36	8°55	14° 3	22°27	6°41	12°32	4°D38	3° 8	0°22	22°D51	
M27	22 21 11	3°48'01	17°35	22°16	29°48	24° 1	9° 6	14° 7	22°25	6°40	12°33	4°39	3° 5	0°29	22°51	
T 28	22 25 7	4°45'57	29°59	23°51	0♂59	24°27	9°16	14°10	22°22	6°39	12°33	4°R39	3° 2	0°35	22°51	
W29	22 29 4	5°43'54	12♂ 9	25°25	2°10	24°53	9°26	14°13	22°20	6°37	12°33	4°39	2°59	0°42	22°52	
T 30	22 33 0	6°41'52	24° 9	26°57	3°22	25°20	9°37	14°16	22°18	6°36	12°33	4°37	2°55	0°49	22°52	
F 31	22 36 57	7♂39'52	6♂ 3	28♂28	4♂33	25♂47	9♂47	14♂19	22♂15	6♂35	12♂33	4♂33	2♂52	0♂55	22♂52	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	18n 3	23s 7	0n18	20n47	1n24	21n45	1s42	26s52	4s11	23n 7	0s15	20n33	1s43	14s25	0s45	18s18
T 2	17 48	23 24	0s49	20 23	1 30	21 48	1 39	26 53	4 10	23 7	0 15	20 34	1 43	14 26	0 45	18 18
F 3	17 32	22 34	1 52	19 55	1 34	21 50	1 36	26 53	4 9	23 7	0 15	20 35	1 43	14 27	0 45	18 19
S 4	17 17	20 44	2 49	19 26	1 38	21 52	1 33	26 54	4 9	23 6	0 15	20 35	1 43	14 28	0 45	18 19
S 5	17 1 18	0 3	3 39	18 55	1 41	21 53	1 29	26 54	4 8	23 6	0 15	20 36	1 43	14 28	0 45	18 20
M 6	16 44	14 32	4 20	18 22	1 43	21 54	1 26	26 55	4 7	23 6	0 15	20 36	1 43	14 29	0 45	18 20
T 7	16 28	10 31	4 49	17 47	1 45	21 54	1 23	26 55	4 6	23 5	0 15	20 37	1 43	14 30	0 45	18 21
W 8	16 11	6 4	5 5	17 10	1 46	21 54	1 20	26 56	4 5	23 5	0 15	20 37	1 43	14 31	0 45	18 21
T 9	15 54	1 23	5 9	16 33	1 46	21 53	1 17	26 56	4 4	23 4	0 15	20 38	1 44	14 32	0 46	18 21
F 10	15 36	3n25	4 59	15 54	1 45	21 52	1 13	26 57	4 3	23 4	0 14	20 38	1 44	14 32	0 46	18 22
S 11	15 19	8 10	4 35	15 14	1 44	21 49	1 10	26 57	4 2	23 4	0 14	20 39	1 44	14 33	0 46	18 22
S 12	15 1 12	42 3	5 7	14 32	1 42	21 47	1 7	26 57	4 1	23 3	0 14	20 39	1 44	14 34	0 46	18 23
M13	14 43	16 46	3 7	13 50	1 40	21 43	1 3	26 58	4 0	23 3	0 14	20 40	1 44	14 35	0 46	18 23
T 14	14 24	20 7	2 5	13 8	1 37	21 39	1 0	26 58	3 59	23 2	0 14	20 40	1 44	14 36	0 46	18 23
W15	14 6	22 28	0 54	12 24	1 34	21 35	0 57	26 59	3 58	23 2	0 14	20 41	1 44	14 36	0 46	18 24
T 16	13 47	23 28	0n22	11 41	1 30	21 30	0 53	26 59	3 57	23 1	0 14	20 41	1 44	14 37	0 46	18 24
F 17	13 28	22 55	1 39	10 56	1 26	21 24	0 50	27 0	3 56	23 0	0 14	20 42	1 44	14 38	0 46	18 25
S 18	13 9	20 43	2 51	10 12	1 21	21 18	0 47	27 0	3 55	23 0	0 14	20 42	1 44	14 39	0 46	18 25
S 19	12 49	17 3	3 52	9 27	1 16	21 11	0 43	27 0	3 53	22 59	0 14	20 42	1 45	14 39	0 46	18 25
M20	12 30	12 14	4 37	8 42	1 11	21 4	0 40	27 1	3 52	22 59	0 14	20 43	1 45	14 40	0 46	18 26
T 21	12 10	6 40	5 1	7 57	1 5	20 56	0 37	27 1	3 51	22 58	0 14	20 43	1 45	14 41	0 46	18 26
W22	11 50	0 50	5 5	7 12	0 59	20 47	0 33	27 1	3 50	22 58	0 14	20 43	1 45	14 42	0 46	18 27
T 23	11 30	4s54	4 49	6 26	0 52	20 38	0 30	27 1	3 49	22 57	0 13	20 44	1 45	14 43	0 46	18 27
F 24	11 9	10 13	4 16	5 41	0 46	20 28	0 27	27 2	3 47	22 56	0 13	20 44	1 45	14 43	0 46	18 27
S 25	10 49	14 51	3 29	4 56	0 39	20 18	0 23	27 2	3 46	22 56	0 13	20 44	1 45	14 44	0 46	18 28
S 26	10 28	18 36	2 32	4 11	0 32	20 7	0 20	27 2	3 45	22 55	0 13	20 45	1 45	14 45	0 46	18 28
M27	10 7	21 22	1 30	3 27	0 25	19 55	0 17	27 1	3 43	22 54	0 13	20 45	1 46	14 46	0 46	18 28
T 28	9 46	23 1	0 25	2 42	0 17	19 43	0 14	27 1	3 42	22 54	0 13	20 45	1 46	14 46	0 46	18 29
W29	9 25	23 33	0s40	1 58	0 10	19 30	0 10	27 1	3 41	22 53	0 13	20 45	1 46	14 47	0 46	18 29
T 30	9 3	22 58	1 42	1 14	0 2	19 17	0 7	27 1	3 40	22 53	0 13	20 46	1 46	14 48	0 46	18 30
F 31	8n42	21s20	2s39	0n31	0s 6	19n 3	0s 4	27s 0	3s38	22n52	0s13	20n46	1s46	14s49	0s46	18s30

Julian Day Number = 2452122.5, Delta T = 64.22 sec
 Ecliptic obliquity = 23°26'20, Nutation = - 0°00'16
 Ayanamsha: Fagan/Bradley = 24°45'45, Lahiri = 23°52'45

SWISS EPHEMERIS for the year 2001

SEPTEMBER 2001

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	22 40 53	8♍37'54	17♋54	29♍58	5♊45	26♌14	9♄57	14♂22	22°R13	6°R33	12♌34	4°R26	2♄49	1♃ 2	22♌53	
S 2	22 44 50	9°35'57	29°44	1♃26	6°57	26°42	10° 7	14°24	22♌11	6♋32	12°34	4♄16	2°46	1° 9	22°53	
M 3	22 48 47	10°34'01	11♃36	2°53	8° 8	27°10	10°16	14°27	22° 9	6°31	12°34	4° 5	2°43	1°15	22°54	
T 4	22 52 43	11°32'07	23°32	4°19	9°20	27°39	10°26	14°29	22° 6	6°29	12°34	3°52	2°40	1°22	22°55	
W 5	22 56 40	12°30'15	5°Y'32	5°43	10°32	28° 8	10°36	14°32	22° 4	6°28	12°35	3°40	2°36	1°29	22°55	
T 6	23 0 36	13°28'24	17°37	7° 6	11°44	28°37	10°45	14°34	22° 2	6°27	12°35	3°29	2°33	1°36	22°56	
F 7	23 4 33	14°26'36	29°51	8°27	12°56	29° 7	10°54	14°36	22° 0	6°26	12°36	3°19	2°30	1°42	22°57	
S 8	23 8 29	15°24'49	12♌14	9°47	14° 9	29°37	11° 4	14°38	21°58	6°25	12°36	3°12	2°27	1°49	22°58	
S 9	23 12 26	16°23'05	24°51	11° 6	15°21	0♃ 8	11°13	14°40	21°56	6°23	12°37	3° 8	2°24	1°56	23° 0	
M10	23 16 22	17°21'22	7♂43	12°23	16°33	0°39	11°22	14°42	21°53	6°22	12°37	3° 6	2°20	2° 2	23° 1	
T 11	23 20 19	18°19'42	20°54	13°38	17°46	1°10	11°31	14°44	21°51	6°21	12°38	3°D 6	2°17	2° 9	23° 2	
W12	23 24 16	19°18'04	4♄29	14°52	18°58	1°41	11°39	14°46	21°49	6°20	12°39	3°R 6	2°14	2°16	23° 4	
T 13	23 28 12	20°16'28	18°28	16° 3	20°11	2°13	11°48	14°47	21°47	6°19	12°39	3° 5	2°11	2°22	23° 5	
F 14	23 32 9	21°14'54	2♊52	17°13	21°23	2°45	11°57	14°49	21°45	6°18	12°40	3° 3	2° 8	2°29	23° 7	
S 15	23 36 5	22°13'22	17°40	18°21	22°36	3°18	12° 5	14°50	21°43	6°17	12°41	2°58	2° 5	2°36	23° 8	
S 16	23 40 2	23°11'53	2♍45	19°27	23°49	3°51	12°13	14°52	21°41	6°16	12°41	2°50	2° 1	2°43	23°10	
M17	23 43 58	24°10'25	17°58	20°31	25° 2	4°24	12°21	14°53	21°40	6°15	12°42	2°40	1°58	2°49	23°12	
T 18	23 47 55	25° 8'59	3♄ 9	21°33	26°14	4°57	12°29	14°54	21°38	6°14	12°43	2°29	1°55	2°56	23°14	
W19	23 51 51	26° 7'34	18° 8	22°32	27°27	5°31	12°37	14°55	21°36	6°13	12°44	2°18	1°52	3° 3	23°16	
T 20	23 55 48	27° 6'12	2♎44	23°28	28°40	6° 5	12°45	14°55	21°34	6°12	12°45	2° 8	1°49	3° 9	23°18	
F 21	23 59 45	28° 4'52	16°53	24°22	29°53	6°39	12°52	14°56	21°32	6°11	12°46	2° 1	1°45	3°16	23°20	
S 22	0 3 41	29° 3'33	0♌32	25°12	1♍ 7	7°13	13° 0	14°57	21°30	6°11	12°46	1°57	1°42	3°23	23°23	
S 23	0 7 38	0♃ 2'16	13°43	25°59	2°20	7°48	13° 7	14°57	21°29	6°10	12°47	1°54	1°39	3°30	23°25	
M24	0 11 34	1° 1'01	26°27	26°43	3°33	8°23	13°14	14°58	21°27	6° 9	12°48	1°54	1°36	3°36	23°28	
T 25	0 15 31	1°59'47	8♃51	27°23	4°46	8°58	13°21	14°58	21°25	6° 8	12°50	1°54	1°33	3°43	23°30	
W26	0 19 27	2°58'35	20°59	27°58	6° 0	9°34	13°28	14°58	21°24	6° 7	12°51	1°53	1°30	3°50	23°33	
T 27	0 23 24	3°57'25	2♋56	28°29	7°13	10°10	13°35	14°R58	21°22	6° 7	12°52	1°51	1°26	3°56	23°36	
F 28	0 27 20	4°56'16	14°48	28°55	8°27	10°46	13°41	14°58	21°21	6° 6	12°53	1°46	1°23	4° 3	23°38	
S 29	0 31 17	5°55'10	26°38	29°15	9°40	11°22	13°48	14°58	21°19	6° 6	12°54	1°38	1°20	4°10	23°41	
S 30	0 35 14	6♎54'05	8♃29	29♎30	10♍54	11♃58	13♄54	14♂58	21♌18	6♋ 5	12♌55	1♄27	1♄17	4♃16	23♌44	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂					
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
S 1	8n20	18s47	3s29	0s12	0s14	18n49	0s 1	27s 0	3s37	22n51	0s13	20n46	1s46	14s49	0s45	18s30	0n 8	12s 7	10n16	23n22	23n25	15s12	17s 9	6n 6
S 2	7 58	15 27	4 9	0 55	0 22	18 34	0n 2	26 59	3 35	22 51	0 13	20 46	1 46	14 50	0 45	18 31	0 8	12 7	10 16	23 22	23 25	15 10	17 10	6 5
M 3	7 36	11 31	4 39	1 37	0 31	18 19	0 5	26 59	3 34	22 50	0 13	20 46	1 46	14 51	0 45	18 31	0 8	12 8	10 15	23 23	23 25	15 8	17 10	6 5
T 4	7 14	7 7	4 57	2 19	0 39	18 3	0 8	26 58	3 33	22 49	0 13	20 46	1 46	14 51	0 45	18 31	0 8	12 8	10 15	23 23	23 25	15 6	17 11	6 5
W 5	6 52	2 25	5 1	3 0	0 47	17 47	0 11	26 57	3 31	22 49	0 13	20 47	1 47	14 52	0 45	18 32	0 8	12 9	10 14	23 23	23 25	15 4	17 11	6 4
T 6	6 30	2n24	4 53	3 40	0 56	17 30	0 14	26 56	3 30	22 48	0 12	20 47	1 47	14 53	0 45	18 32	0 8	12 9	10 14	23 24	23 25	15 2	17 12	6 4
F 7	6 7	7 12	4 30	4 20	1 4	17 13	0 17	26 55	3 29	22 47	0 12	20 47	1 47	14 54	0 45	18 32	0 8	12 10	10 13	23 24	23 25	15 0	17 12	6 3
S 8	5 45	11 46	3 55	5 0	1 13	16 55	0 20	26 53	3 27	22 46	0 12	20 47	1 47	14 54	0 45	18 33	0 8	12 10	10 13	23 24	23 25	14 58	17 13	6 3
S 9	5 22	15 56	3 8	5 38	1 21	16 36	0 23	26 52	3 26	22 46	0 12	20 47	1 47	14 55	0 45	18 33	0 8	12 11	10 13	23 24	23 25	14 56	17 13	6 2
M10	5 0	19 27	2 10	6 16	1 30	16 17	0 26	26 51	3 24	22 45	0 12	20 47	1 47	14 56	0 45	18 33	0 8	12 11	10 12	23 24	23 25	14 54	17 14	6 2
T 11	4 37	22 4	1 4	6 53	1 38	15 58	0 29	26 49	3 23	22 44	0 12	20 47	1 47	14 56	0 45	18 33	0 8	12 12	10 12	23 24	23 25	14 52	17 14	6 1
W12	4 14	23 29	0n 7	7 30	1 47	15 38	0 32	26 47	3 21	22 44	0 12	20 47	1 47	14 57	0 45	18 34	0 8	12 12	10 11	23 24	23 25	14 50	17 15	6 1
T 13	3 51	23 30	1 20	8 5	1 55	15 18	0 34	26 45	3 20	22 43	0 12	20 47	1 48	14 58	0 45	18 34	0 8	12 13	10 11	23 24	23 25	14 48	17 15	6 1
F 14	3 28	21 57	2 31	8 40	2 3	14 57	0 37	26 43	3 18	22 42	0 12	20 47	1 48	14 58	0 45	18 34	0 8	12 13	10 10	23 24	23 25	14 46	17 16	6 0
S 15	3 5	18 54	3 32	9 13	2 11	14 36	0 40	26 41	3 17	22 42	0 12	20 47	1 48	14 59	0 45	18 35	0 8	12 14	10 10	23 24	23 25	14 44	17 17	6 0
S 16	2 42	14 33	4 21	9 46	2 19	14 15	0 42	26 38	3 16	22 41	0 12	20 47	1 48	14 59	0 45	18 35	0 8	12 14	10 10	23 25	23 25	14 42	17 17	5 9
M17	2 19	9 13	4 51	10 17	2 27	13 53	0 45	26 36	3 14	22 40	0 12	20 47	1 48	15 0	0 45	18 35	0 8	12 15	10 9	23 25	23 25	14 40	17 18	5 9
T 18	1 56	3 20	5 0	10 47	2 35	13 31	0 47	26 33	3 13	22 40	0 12	20 47	1 48	15 1	0 45	18 35	0 8	12 15	10 9	23 25	23 26	14 37	17 18	5 8
W19	1 32	2s39	4 49	11 16	2 42	13 8	0 50	26 30	3 11	22 39	0 11	20 47	1 48	15 1	0 45	18 36	0 8	12 16	10 8	23 25	23 26	14 35	17 19	5 8
T 20	1 9	8 22	4 19	11 44	2 49	12 45	0 52	26 27	3 10	22 38	0 11	20 47	1 49	15 2	0 45	18 36	0 8	12 16	10 8	23 25	23 26	14 33	17 19	5 7
F 21	0 46	13 28	3 34	12 10	2 56	12 21	0 54	26 24	3 8	22 38	0 11	20 47	1 49	15 2	0 45	18 36	0 8	12 17	10 7	23 25	23 26	14 31	17 20	5 7
S 22	0 22	17 42	2 38	12 35	3 3	11 58	0 57	26 21	3 7	22 37	0 11	20 47	1 49	15 3	0 45	18 36	0 8	12 17	10 7	23 25	23 26	14 29	17 20	5 7
S 23	0s 1	20 53	1 35	12 58	3 9	11 34	0 59	26 17	3 5	22 36	0 11	20 47	1 49	15 3	0 45	18 36	0 8	12 18	10 7	23 26	23 26	14 27	17 21	5 6
M24	0 24	22 55	0 29	13 20	3 15	11 9	1 1	26 14	3 4	22 36	0 11	20 47	1 49	15 4	0 45	18 37	0 8	12 18	10 6	23 26	23 26	14 25	17 21	5 6
T 25	0 48	23 45	0s37	13 39	3 20	10 44	1 3	26 10	3 2	22 35	0 11	20 47	1 49	15 4	0 45	18 37	0 8	12 19	10 6	23 26	23 26	14 23	17 22	5 5
W26	1 11	23 26	1 39	13 57	3 25	10 19	1 5	26 6	3 1	22 35	0 11	20 47	1 49	15 5	0 45	18 37	0 8	12 19	10 5	23 26	23 26	14 21	17 22	5 5
T 27	1 34	22 2	2 36	14 12	3 30	9 54	1 7	26 2	2 59	22 34	0 11	20 47	1 49	15 5	0 45	18 37	0 8	12 20	10 5	23 26	23 26	14 19	17 23	5 4
F 28	1 58	19 40	3 26	14 25	3 33	9 28	1 9	25 57	2 58	22 33	0 11	20 47	1 50	15 6	0 45	18 37	0 8	12 21	10 5	23 26	23 26	14 17	17 24	5 4
S 29	2 21	16 30	4 6	14 35	3 36	9 2	1 11	25 53	2 56	22 33	0 11	20 47	1 50	15 6	0 45									

SWISS EPHEMERIS for the year 2001

OCTOBER 2001

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	0 39 10	7♁53'02	20♂25	29♁39	12♃7	12♁35	14♁0	14°R57	21°R16	6°R 4	12♁56	1°R15	1♁14	4♂23	23♁47
T 2	0 43 7	8°52'01	2♂27	29°R41	13°21	13°12	14° 6	14♁57	21♁15	6° 3	12°58	1♁ 1	1° 11	4°30	23°50
W 3	0 47 3	9°51'01	14°36	29°36	14°35	13°49	14°12	14°56	21°14	6° 3	12°59	0°47	1° 7	4°37	23°54
T 4	0 51 0	10°50'04	26°54	29°24	15°49	14°26	14°17	14°55	21°12	6° 3	13° 0	0°34	1° 4	4°43	23°57
F 5	0 54 56	11°49'09	9♂20	29° 4	17° 2	15° 4	14°23	14°55	21°11	6° 2	13° 1	0°23	1° 1	4°50	24° 0
S 6	0 58 53	12°48'17	21°56	28°36	18°16	15°41	14°28	14°54	21°10	6° 2	13° 3	0°15	0°58	4°57	24° 4
S 7	1 2 49	13°47'26	4♁42	28° 0	19°30	16°19	14°33	14°53	21° 9	6° 2	13° 4	0°10	0°55	5° 3	24° 7
M 8	1 6 46	14°46'38	17°42	27°17	20°44	16°57	14°38	14°52	21° 8	6° 1	13° 6	0° 8	0°51	5°10	24°11
T 9	1 10 42	15°45'52	0♁56	26°26	21°58	17°35	14°43	14°50	21° 6	6° 1	13° 7	0°D 7	0°48	5°17	24°14
W10	1 14 39	16°45'09	14°28	25°28	23°12	18°14	14°47	14°49	21° 5	6° 1	13° 8	0°R 8	0°45	5°24	24°18
T 11	1 18 36	17°44'28	28°18	24°24	24°27	18°52	14°52	14°47	21° 4	6° 0	13°10	0° 7	0°42	5°30	24°22
F 12	1 22 32	18°43'49	12♁29	23°16	25°41	19°31	14°56	14°46	21° 3	6° 0	13°11	0° 5	0°39	5°37	24°26
S 13	1 26 29	19°43'12	26°58	22° 5	26°55	20°10	15° 0	14°44	21° 3	6° 0	13°13	0° 1	0°36	5°44	24°30
S 14	1 30 25	20°42'38	11♃43	20°52	28° 9	20°49	15° 4	14°42	21° 2	6° 0	13°15	29♁54	0°32	5°50	24°34
M15	1 34 22	21°42'06	26°37	19°40	29°24	21°28	15° 7	14°41	21° 1	6° 0	13°16	29°45	0°29	5°57	24°38
T 16	1 38 18	22°41'36	11♁32	18°32	0♁38	22° 8	15°11	14°39	21° 0	6° 0	13°18	29°34	0°26	6° 4	24°42
W17	1 42 15	23°41'08	26°19	17°28	1°53	22°47	15°14	14°36	20°59	6° 0	13°19	29°24	0°23	6°11	24°46
T 18	1 46 11	24°40'42	10♁49	16°31	3° 7	23°27	15°17	14°34	20°59	6°D 0	13°21	29°15	0°20	6°17	24°50
F 19	1 50 8	25°40'18	24°57	15°42	4°21	24° 7	15°20	14°32	20°58	6° 0	13°23	29° 8	0°17	6°24	24°55
S 20	1 54 5	26°39'56	8♁37	15° 3	5°36	24°47	15°23	14°30	20°58	6° 0	13°25	29° 4	0°13	6°31	24°59
S 21	1 58 1	27°39'36	21°51	14°35	6°51	25°27	15°26	14°27	20°57	6° 0	13°26	29° 2	0°10	6°37	25° 3
M22	2 1 58	28°39'18	4♁39	14°18	8° 5	26° 7	15°28	14°25	20°57	6° 0	13°28	29°D 2	0° 7	6°44	25° 8
T 23	2 5 54	29°39'01	17° 6	14°D12	9°20	26°48	15°30	14°22	20°56	6° 0	13°30	29° 3	0° 4	6°51	25°13
W24	2 9 51	0♁38'47	29°17	14°17	10°34	27°28	15°32	14°19	20°56	6° 0	13°32	29°R 3	0° 1	6°58	25°17
T 25	2 13 47	1°38'33	11♁15	14°34	11°49	28° 9	15°34	14°16	20°55	6° 0	13°33	29° 3	29♁57	7° 4	25°22
F 26	2 17 44	2°38'22	23° 8	15° 0	13° 4	28°50	15°36	14°13	20°55	6° 1	13°35	29° 0	29°54	7°11	25°27
S 27	2 21 40	3°38'12	4♂58	15°36	14°19	29°30	15°37	14°10	20°55	6° 1	13°37	28°55	29°51	7°18	25°32
S 28	2 25 37	4°38'04	16°52	16°20	15°33	0♁11	15°38	14° 7	20°55	6° 1	13°39	28°48	29°48	7°24	25°36
M29	2 29 34	5°37'57	28°52	17°12	16°48	0°53	15°39	14° 4	20°55	6° 2	13°41	28°40	29°45	7°31	25°41
T 30	2 33 30	6°37'52	11♂1	18°11	18° 3	1°34	15°40	14° 1	20°55	6° 2	13°43	28°30	29°42	7°38	25°46
W31	2 37 27	7♁37'50	23♂21	19♁16	19♁18	2♁15	15♁41	13♁57	20°D55	6♁ 2	13♁45	28♁20	29♁38	7♁44	25♁51

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	3s 8	8s18	4s54	14s46	3s39	8n 9	1n14	25s43	2s53	22n32	0s10	20n46	1s50	15s 7	0s45	18s38	0n 8	12s22	10n 3	23n26	23n26	14s10	17s25	5n53
T 2	3 31	3 36	5 0	14 47	3 39	7 42	1 16	25 38	2 52	22 31	0 10	20 46	1 50	15 8	0 45	18 38	0 8	12 23	10 3	23 26	23 26	14 8	17 26	5 52
W 3	3 54	1n17	4 51	14 44	3 38	7 15	1 17	25 33	2 50	22 31	0 10	20 46	1 50	15 8	0 45	18 38	0 8	12 23	10 3	23 26	23 26	14 6	17 26	5 52
T 4	4 17	6 11	4 29	14 37	3 36	6 48	1 19	25 27	2 49	22 30	0 10	20 46	1 50	15 8	0 45	18 38	0 8	12 24	10 2	23 26	23 26	14 4	17 27	5 52
F 5	4 40	10 54	3 54	14 26	3 32	6 21	1 20	25 21	2 47	22 30	0 10	20 45	1 50	15 9	0 45	18 38	0 8	12 24	10 2	23 26	23 26	14 2	17 27	5 51
S 6	5 3	15 14	3 7	14 11	3 26	5 53	1 21	25 15	2 46	22 29	0 10	20 45	1 50	15 9	0 45	18 39	0 8	12 25	10 2	23 26	23 26	14 0	17 28	5 51
S 7	5 26	18 57	2 10	13 52	3 19	5 25	1 23	25 9	2 44	22 29	0 10	20 45	1 51	15 9	0 45	18 39	0 8	12 25	10 1	23 26	23 26	13 58	17 28	5 50
M 8	5 49	21 47	1 5	13 28	3 10	4 57	1 24	25 3	2 42	22 28	0 10	20 45	1 51	15 10	0 45	18 39	0 8	12 26	10 1	23 26	23 26	13 56	17 29	5 50
T 9	6 12	23 30	0n 4	12 59	2 59	4 29	1 25	24 57	2 41	22 28	0 10	20 45	1 51	15 10	0 45	18 39	0 8	12 26	10 0	23 26	23 26	13 54	17 29	5 50
W10	6 35	23 54	1 15	12 26	2 47	4 1	1 26	24 50	2 39	22 28	0 10	20 44	1 51	15 10	0 45	18 39	0 7	12 27	10 0	23 26	23 26	13 51	17 30	5 49
T 11	6 58	22 51	2 24	11 49	2 32	3 32	1 27	24 43	2 38	22 27	0 10	20 44	1 51	15 11	0 45	18 39	0 7	12 27	10 0	23 26	23 26	13 49	17 31	5 49
F 12	7 20	20 20	3 25	11 9	2 16	3 4	1 28	24 36	2 36	22 27	0 10	20 44	1 51	15 11	0 45	18 39	0 7	12 28	9 59	23 26	23 26	13 47	17 31	5 49
S 13	7 43	16 30	4 14	10 25	1 58	2 35	1 29	24 29	2 35	22 26	0 9	20 43	1 51	15 11	0 45	18 39	0 7	12 29	9 59	23 26	23 26	13 45	17 32	5 48
S 14	8 5	11 36	4 47	9 41	1 39	2 6	1 30	24 21	2 33	22 26	0 9	20 43	1 51	15 12	0 45	18 39	0 7	12 29	9 59	23 26	23 26	13 43	17 32	5 48
M15	8 27	5 58	5 2	8 55	1 19	1 37	1 30	24 13	2 32	22 26	0 9	20 43	1 51	15 12	0 45	18 39	0 7	12 30	9 58	23 26	23 26	13 41	17 33	5 47
T 16	8 50	0s 1	4 56	8 10	0 59	1 8	1 31	24 6	2 30	22 25	0 9	20 42	1 52	15 12	0 45	18 39	0 7	12 30	9 58	23 26	23 26	13 39	17 33	5 47
W17	9 12	5 58	4 30	7 26	0 38	0 39	1 31	23 57	2 29	22 25	0 9	20 42	1 52	15 12	0 44	18 39	0 7	12 31	9 58	23 26	23 26	13 36	17 34	5 47
T 18	9 34	11 28	3 47	6 46	0 18	0 10	1 32	23 49	2 27	22 25	0 9	20 42	1 52	15 12	0 44	18 39	0 7	12 31	9 57	23 26	23 26	13 34	17 34	5 46
F 19	9 55	16 14	2 51	6 9	0n 2	0s19	1 32	23 41	2 26	22 25	0 9	20 41	1 52	15 13	0 44	18 39	0 7	12 32	9 57	23 26	23 26	13 32	17 35	5 46
S 20	10 17	19 59	1 47	5 36	0 21	0 48	1 33	23 32	2 24	22 24	0 9	20 41	1 52	15 13	0 44	18 39	0 7	12 32	9 57	23 26	23 26	13 30	17 35	5 46
S 21	10 38	22 33	0 38	5 9	0 39	1 18	1 33	23 23	2 23	22 24	0 9	20 41	1 52	15 13	0 44	18 39	0 7	12 33	9 56	23 26	23 26	13 28	17 36	5 45
M22	11 0	23 51	0s30	4 48	0 55	1 47	1 33	23 14	2 21	22 24	0 9	20 40	1 52	15 13	0 44	18 39	0 7	12 33	9 56	23 26	23 26	13 25	17 36	5 45
T 23	11 21	23 55	1 35	4 32	1 9	2 16	1 33	23 5	2 20	22 24	0 8	20 40	1 52	15 13	0 44	18 39	0 7	12 34	9 56	23 26	23 26	13 23	17 37	5 45
W24	11 42	22 49	2 34	4 22	1 22	2 45	1 33	22 55	2 18	22 24	0 8	20 40	1 52	15 13	0 44	18 39	0 7	12 34	9 55	23 26	23 26	13 21	17 37	5 45
T 25	12 3	20 42	3 26	4 18	1 34	3 15	1 33	22 46	2 17	22 24	0 8	20 39	1 52	15 13	0 44	18 39	0 7	12 35	9 55	23 26	23 26	13 19	17 37	5 44
F 26	12 23	17 43	4 8	4 19	1 43	3 44	1 33	22 36	2 15	22 24	0 8	20 39	1 52	15 13	0 44	18 39	0 7	12 35	9 55	23 26	23 26	13 17	17 38	5 44
S 27	12 44	14 1	4 40	4 26	1 51	4 13	1 33	22 26	2 13	22 23	0 8	20 38	1 52	15 13	0 44	18 39	0 7	12 36	9 54	23 26	23 26	13 14	17 38	5 44
S 28	13 4	9 46	4 59	4 37	1 58	4 42	1 33	22 15	2 12	22 23	0 8	20 38	1 53	15 13	0 44	18 39	0 7	12 36	9 54	23 26	23 26	13 12	17 39	5 43
M29																								

SWISS EPHEMERIS for the year 2001

NOVEMBER 2001

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	2 41 23	8♠3748	5♃52	20♂27	20♂33	2♃56	15♂41	13°R54	20♂55	6♁ 3	13♂47	28°R11	29♠35	7♃51	25♂57
F 2	2 45 20	9°3749	18°36	21°42	21°48	3°38	15°41	13♠50	20°55	6° 3	13°49	28♠ 3	29°32	7°58	26° 2
S 3	2 49 16	10°3752	1♠31	23° 1	23° 3	4°20	15°R41	13°46	20°55	6° 4	13°51	27°58	29°29	8° 5	26° 7
S 4	2 53 13	11°3757	14°37	24°23	24°18	5° 1	15°41	13°43	20°55	6° 4	13°53	27°55	29°26	8°11	26°12
M 5	2 57 9	12°3804	27°55	25°48	25°33	5°43	15°41	13°39	20°55	6° 5	13°55	27°D54	29°22	8°18	26°18
T 6	3 1 6	13°3812	11♂24	27°15	26°48	6°25	15°40	13°35	20°56	6° 6	13°57	27°55	29°19	8°25	26°23
W 7	3 5 3	14°3823	25° 4	28°45	28° 3	7° 7	15°40	13°31	20°56	6° 6	13°59	27°56	29°16	8°31	26°28
T 8	3 8 59	15°3836	8♂57	0♠16	29°18	7°49	15°39	13°27	20°56	6° 7	14° 1	27°57	29°13	8°38	26°34
F 9	3 12 56	16°3851	23° 1	1°48	0♠33	8°31	15°37	13°23	20°57	6° 8	14° 3	27°R57	29°10	8°45	26°39
S 10	3 16 52	17°3908	7♠15	3°21	1°48	9°13	15°36	13°19	20°57	6° 8	14° 5	27°55	29° 7	8°52	26°45
S 11	3 20 49	18°3927	21°38	4°55	3° 3	9°56	15°35	13°15	20°58	6° 9	14° 7	27°52	29° 3	8°58	26°50
M12	3 24 45	19°3948	6♁ 6	6°30	4°18	10°38	15°33	13°11	20°58	6°10	14° 9	27°47	29° 0	9° 5	26°56
T13	3 28 42	20°4011	20°34	8° 5	5°34	11°21	15°31	13° 6	20°59	6°11	14°12	27°41	28°57	9°12	27° 2
W14	3 32 38	21°4036	4♠55	9°40	6°49	12° 3	15°29	13° 2	21° 0	6°12	14°14	27°35	28°54	9°18	27° 8
T15	3 36 35	22°4102	19° 5	11°16	8° 4	12°46	15°26	12°57	21° 0	6°13	14°16	27°30	28°51	9°25	27°13
F16	3 40 32	23°4130	2♂57	12°52	9°19	13°28	15°24	12°53	21° 1	6°14	14°18	27°26	28°48	9°32	27°19
S17	3 44 28	24°4200	16°29	14°28	10°35	14°11	15°21	12°48	21° 2	6°15	14°20	27°24	28°44	9°39	27°25
S18	3 48 25	25°4231	29°39	16° 3	11°50	14°54	15°18	12°44	21° 3	6°16	14°23	27°D24	28°41	9°45	27°31
M19	3 52 21	26°4304	12♂27	17°39	13° 5	15°37	15°15	12°39	21° 4	6°17	14°25	27°24	28°38	9°52	27°37
T20	3 56 18	27°4338	24°56	19°15	14°20	16°20	15°11	12°35	21° 5	6°18	14°27	27°26	28°35	9°59	27°43
W21	4 0 14	28°4413	7♃ 8	20°51	15°36	17° 3	15° 8	12°30	21° 6	6°19	14°29	27°28	28°32	10° 6	27°49
T22	4 4 11	29°4450	19° 9	22°26	16°51	17°46	15° 4	12°25	21° 7	6°20	14°31	27°29	28°28	10°12	27°55
F23	4 8 7	0♂4527	1♃ 3	24° 2	18° 6	18°29	15° 0	12°20	21° 8	6°21	14°34	27°R30	28°25	10°19	28° 1
S24	4 12 4	1°4606	12°55	25°37	19°22	19°12	14°56	12°16	21° 9	6°22	14°36	27°29	28°22	10°26	28° 7
S25	4 16 1	2°4645	24°50	27°12	20°37	19°55	14°52	12°11	21°11	6°24	14°38	27°27	28°19	10°32	28°13
M26	4 19 57	3°4726	6♠52	28°47	21°52	20°38	14°47	12° 6	21°12	6°25	14°40	27°24	28°16	10°39	28°19
T27	4 23 54	4°4808	19° 4	0♂22	23° 8	21°22	14°43	12° 1	21°13	6°26	14°43	27°21	28°13	10°46	28°25
W28	4 27 50	5°4851	1♃11	1°57	24°23	22° 5	14°38	11°56	21°15	6°27	14°45	27°17	28° 9	10°53	28°31
T29	4 31 47	6°4936	14°14	3°32	25°39	22°48	14°33	11°51	21°16	6°29	14°47	27°14	28° 6	10°59	28°38
F30	4 35 43	7♂5021	27♃14	5♂ 6	26♠54	23♃32	14♂28	11♠46	21♃18	6♃30	14♂50	27♠11	28♠ 3	11♃ 6	28♂44

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	14s23	9n40	4 s 3	5s59	2n10	6s37	1n31	21s33	2s 6	22n23	0s 8	20n36	1s53	15s13	0s44	18s39	0n 7	12s38	9n53	23n26	23n26	13s 3	17s41	5n42
F 2	14 42	14 13	3 15	6 27	2 10	7 6	1 30	21 21	2 4	22 24	0 7	20 36	1 53	15 13	0 44	18 39	0 7	12 39	9 53	23 25	23 26	13 1	17 41	5 42
S 3	15 1	18 13	2 17	6 57	2 9	7 34	1 30	21 10	2 3	22 24	0 7	20 35	1 53	15 13	0 44	18 38	0 7	12 39	9 52	23 25	23 26	12 59	17 41	5 42
S 4	15 19	21 22	1 11	7 28	2 8	8 2	1 29	20 58	2 1	22 24	0 7	20 35	1 53	15 13	0 44	18 38	0 7	12 40	9 52	23 25	23 26	12 57	17 42	5 42
M 5	15 38	23 25	0n 0	8 1	2 5	8 30	1 28	20 47	2 0	22 24	0 7	20 34	1 53	15 13	0 44	18 38	0 7	12 40	9 52	23 25	23 26	12 54	17 42	5 41
T 6	15 56	24 9	1 12	8 36	2 2	8 58	1 27	20 35	1 58	22 24	0 7	20 34	1 53	15 13	0 44	18 38	0 7	12 41	9 52	23 25	23 26	12 52	17 42	5 41
W 7	16 14	23 26	2 22	9 11	1 59	9 26	1 26	20 23	1 57	22 24	0 7	20 33	1 53	15 13	0 44	18 38	0 7	12 41	9 51	23 25	23 26	12 50	17 43	5 41
T 8	16 31	21 18	3 24	9 46	1 55	9 53	1 26	20 10	1 55	22 25	0 7	20 33	1 53	15 12	0 44	18 38	0 7	12 42	9 51	23 25	23 26	12 48	17 43	5 41
F 9	16 49	17 51	4 15	10 23	1 50	10 21	1 24	19 58	1 54	22 25	0 7	20 32	1 53	15 12	0 44	18 38	0 7	12 42	9 51	23 25	23 26	12 45	17 44	5 40
S 10	17 6	13 20	4 50	10 59	1 45	10 48	1 23	19 45	1 52	22 25	0 7	20 32	1 53	15 12	0 44	18 37	0 7	12 43	9 51	23 25	23 26	12 43	17 44	5 40
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M12	17 39	2 16	5 7	12 12	1 34	11 41	1 21	19 19	1 49	22 26	0 6	20 31	1 53	15 12	0 44	18 37	0 7	12 44	9 50	23 25	23 26	12 39	17 45	5 40
T13	17 55	3s37	4 46	12 48	1 28	12 7	1 20	19 6	1 48	22 26	0 6	20 30	1 53	15 11	0 44	18 37	0 7	12 44	9 50	23 25	23 26	12 36	17 45	5 40
W14	18 11	9 17	4 7	13 25	1 22	12 33	1 18	18 53	1 47	22 26	0 6	20 29	1 53	15 11	0 44	18 37	0 7	12 44	9 50	23 25	23 26	12 34	17 45	5 39
T15	18 27	14 23	3 14	14 0	1 16	12 59	1 17	18 40	1 45	22 27	0 6	20 29	1 53	15 11	0 44	18 36	0 7	12 45	9 50	23 25	23 26	12 32	17 45	5 39
F16	18 42	18 38	2 9	14 36	1 9	13 24	1 16	18 26	1 44	22 27	0 6	20 28	1 53	15 11	0 43	18 36	0 7	12 45	9 49	23 25	23 26	12 30	17 46	5 39
S17	18 57	21 46	0 59	15 11	1 3	13 49	1 14	18 12	1 42	22 28	0 6	20 28	1 53	15 10	0 43	18 36	0 7	12 46	9 49	23 25	23 26	12 27	17 46	5 39
S18	19 11	23 39	0s12	15 45	0 56	14 14	1 13	17 58	1 41	22 28	0 6	20 27	1 53	15 10	0 43	18 36	0 7	12 46	9 49	23 25	23 26	12 25	17 46	5 39
M19	19 25	24 13	1 21	16 18	0 49	14 38	1 11	17 44	1 39	22 28	0 6	20 27	1 53	15 10	0 43	18 36	0 7	12 47	9 49	23 25	23 26	12 23	17 47	5 39
T20	19 39	23 31	2 25	16 51	0 43	15 2	1 9	17 30	1 38	22 29	0 5	20 26	1 53	15 9	0 43	18 35	0 7	12 47	9 49	23 25	23 26	12 20	17 47	5 38
W21	19 53	21 43	3 21	17 24	0 36	15 26	1 8	17 15	1 36	22 30	0 5	20 26	1 53	15 9	0 43	18 35	0 7	12 47	9 48	23 25	23 26	12 18	17 47	5 38
T22	20 6	18 59	4 7	17 55	0 29	15 49	1 6	17 1	1 35	22 30	0 5	20 25	1 53	15 9	0 43	18 35	0 7	12 48	9 48	23 25	23 26	12 16	17 47	5 38
F23	20 19	15 29	4 41	18 26	0 22	16 12	1 4	16 46	1 33	22 31	0 5	20 24	1 53	15 8	0 43	18 34	0 7	12 48	9 48	23 25	23 26	12 13	17 47	5 38
S24	20 31	11 23	5 4	18 55	0 15	16 34	1 2	16 31	1 32	22 31	0 5	20 24	1 53	15 8	0 43	18 34	0 7	12 49	9 48	23 25	23 26	12 11	17 48	5 38
S25	20 43	6 51	5 14	19 24	0 8	16 56	1 0	16 16	1 31	22 32	0 5	20 23	1 53	15 7	0 43	18 34	0 7	12 49	9 48	23 25	23 26	12 9	17 48	5 38
M26	20 55	2 1	5 10	19 52	0 1	17 18	0 58	16 1	1 29	22 32	0 5	20 23	1 53	15 7	0 43	18 34	0 7	12 50	9 48	23 25	23 26	12 7	17 48	5 38
T27	21 6	2n58	4 52	20 19	0s 6	17 39	0 57	15 46	1 28	22 33	0 5	20 22	1 53	15 6	0 43	18 33	0 7	12 50	9 47	23 25	23 26	12 4	17 48	5 38
W28	21 17	7 56	4 20	20 45	0 12	17 59	0 55	15 31	1 26	22 34	0 4	20 21	1 53	15 6	0 43	18 33	0 7	12 50	9 47	23 25	23 26	12 2	17 48	5 37
T29	21 27	12 41	3 35	21 10	0 19	18 19	0 53	15 15	1 25	22 34	0 4	20 21	1 53	15 5	0 43	18 33	0 7	12 51	9 47	23 25				

SWISS EPHEMERIS for the year 2001

DECEMBER 2001

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	4 39 40	8♂51'08	10♁30	6♂41	28♁ 9	24♁15	14°R23	11°R42	21♁19	6♁32	14♂52	27°R 9	28♁ 0	11♁13	28♂50
S 2	4 43 36	9°51'56	24° 1	8°15	29°25	24°59	14♁17	11♁37	21°21	6°33	14°54	27°D 9	27°57	11°19	28°56
M 3	4 47 33	10°52'45	7♁45	9°49	0♂40	25°42	14°12	11°32	21°22	6°34	14°57	27♁ 9	27°54	11°26	29° 3
T 4	4 51 30	11°53'35	21°40	11°24	1°56	26°26	14° 6	11°27	21°24	6°36	14°59	27°10	27°50	11°33	29° 9
W 5	4 55 26	12°54'27	5♁43	12°58	3°11	27° 9	14° 0	11°22	21°26	6°37	15° 1	27°11	27°47	11°40	29°15
T 6	4 59 23	13°55'20	19°51	14°32	4°27	27°53	13°54	11°17	21°27	6°39	15° 3	27°12	27°44	11°46	29°22
F 7	5 3 19	14°56'14	4♁ 2	16° 6	5°42	28°37	13°48	11°12	21°29	6°40	15° 6	27°13	27°41	11°53	29°28
S 8	5 7 16	15°57'10	18°13	17°40	6°58	29°20	13°41	11° 7	21°31	6°42	15° 8	27°R13	27°38	12° 0	29°35
S 9	5 11 12	16°58'07	2♁23	19°15	8°13	0♂ 4	13°35	11° 2	21°33	6°44	15°10	27°13	27°34	12° 6	29°41
M10	5 15 9	17°59'05	16°30	20°49	9°28	0°48	13°28	10°57	21°35	6°45	15°13	27°12	27°31	12°13	29°47
T 11	5 19 5	19° 0'04	0♁30	22°23	10°44	1°31	13°21	10°52	21°37	6°47	15°15	27°11	27°28	12°20	29°54
W12	5 23 2	20° 1'04	14°21	23°58	11°59	2°15	13°14	10°48	21°39	6°49	15°17	27°10	27°25	12°27	0♂ 0
T 13	5 26 59	21° 2'06	28° 1	25°32	13°15	2°59	13° 7	10°43	21°41	6°50	15°20	27° 9	27°22	12°33	0° 7
F 14	5 30 55	22° 3'08	11♂29	27° 7	14°30	3°43	13° 0	10°38	21°43	6°52	15°22	27° 9	27°19	12°40	0°13
S 15	5 34 52	23° 4'12	24°41	28°41	15°46	4°26	12°53	10°33	21°45	6°54	15°24	27°D 9	27°15	12°47	0°20
S 16	5 38 48	24° 5'15	7♁37	0♂16	17° 2	5°10	12°46	10°29	21°47	6°56	15°27	27° 9	27°12	12°53	0°26
M17	5 42 45	25° 6'20	20°18	1°51	18°17	5°54	12°38	10°24	21°50	6°57	15°29	27° 9	27° 9	13° 0	0°33
T 18	5 46 41	26° 7'25	2♁43	3°26	19°33	6°38	12°31	10°19	21°52	6°59	15°31	27° 9	27° 6	13° 7	0°39
W19	5 50 38	27° 8'31	14°55	5° 1	20°48	7°22	12°23	10°15	21°54	7° 1	15°33	27°R 9	27° 3	13°14	0°46
T 20	5 54 35	28° 9'37	26°56	6°36	22° 4	8° 6	12°16	10°10	21°57	7° 3	15°36	27° 9	27° 0	13°20	0°52
F 21	5 58 31	29°10'43	8♂51	8°12	23°19	8°50	12° 8	10° 5	21°59	7° 5	15°38	27° 9	26°56	13°27	0°59
S 22	6 2 28	0♂11'49	20°43	9°47	24°35	9°34	12° 0	10° 1	22° 1	7° 7	15°40	27° 9	26°53	13°34	1° 5
S 23	6 6 24	1°12'56	2♂36	11°22	25°50	10°18	11°52	9°57	22° 4	7° 9	15°42	27°D 9	26°50	13°41	1°12
M24	6 10 21	2°14'02	14°37	12°58	27° 6	11° 1	11°44	9°52	22° 6	7°11	15°45	27° 9	26°47	13°47	1°18
T 25	6 14 17	3°15'09	26°48	14°33	28°21	11°45	11°37	9°48	22° 9	7°13	15°47	27° 9	26°44	13°54	1°25
W26	6 18 14	4°16'16	9♂16	16° 9	29°37	12°29	11°29	9°44	22°11	7°14	15°49	27°10	26°40	14° 1	1°31
T 27	6 22 10	5°17'24	22° 2	17°44	0♂52	13°13	11°20	9°39	22°14	7°16	15°51	27°11	26°37	14° 7	1°38
F 28	6 26 7	6°18'31	5♁10	19°19	2° 8	13°57	11°12	9°35	22°17	7°18	15°54	27°11	26°34	14°14	1°44
S 29	6 30 4	7°19'38	18°40	20°54	3°23	14°41	11° 4	9°31	22°19	7°21	15°56	27°12	26°31	14°21	1°51
S 30	6 34 0	8°20'46	2♁32	22°28	4°39	15°25	10°56	9°27	22°22	7°23	15°58	27°R12	26°28	14°28	1°57
MB1	6 37 57	9♂21'54	16♁42	24♁ 2	5♂54	16♂ 9	10♁48	9♁23	22♁25	7♁25	16♂ 0	27♁11	26♁25	14♂34	2♂ 3

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	21s47	20n32	1s31	21s57	0s32	18s58	0n48	14s44	1s22	22n36	0s 4	20n20	1s53	15s 4	0s43	18s32	0n 7	12s51	9n47	23n25	23n25	11s55	17s49	5n37
S 2	21 56 23	1 0 17	22 19	0 38	19 16	0 46	14 28	1 21	22 36	0 4	20 19	1 52	15 4	0 43	18 32	0 7	12 52	9 47	23 24	23 25	11 53	17 49	5 37	
M 3	22 5 24	11 0n58	22 39	0 45	19 34	0 44	14 12	1 19	22 37	0 4	20 19	1 52	15 3	0 43	18 31	0 7	12 52	9 47	23 24	23 25	11 50	17 49	5 37	
T 4	22 13 23	51 2	11 22	59 0	51 19	52 0	42 13	56 1	18 22	38 0	4 20	18 1	52 15	3 0	43 18	31 0	7 12	52 9	47 23	25 23	11 48	17 49	5 37	
W 5	22 21 22	2 3 17	23 17	0 57	20 9	0 40	13 40	1 17	22 39	0 4	20 17	1 52	15 2	0 43	18 31	0 7	12 53	9 46	23 25	23 25	11 45	17 49	5 37	
T 6	22 28 18	50 4	12 23	35 1	3 20	25 0	37 13	23 1	15 22	39 0	3 20	17 1	52 15	2 0	43 18	30 0	7 12	53 9	46 23	25 23	11 43	17 49	5 37	
F 7	22 35 14	33 4	5 13	23 6	1 8	20 41	0 35	13 7	1 14	22 40	0 3	20 16	1 52	15 1	0 43	18 30	0 7	12 53	9 46	23 25	23 25	11 41	17 49	5 37
S 8	22 42 9	27 5	13 24	6 1	14 20	56 0	33 12	50 1	13 22	41 0	3 20	16 1	52 15	0 0	43 18	29 0	7 12	54 9	46 23	25 23	11 38	17 49	5 37	
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M10	22 54 1s53	4 59	24 31	1 24	21 24	0 28	12 17	1 10	22 43	0 3	20 15	1 52	14 59	0 43	18 29	0 7	12 54	9 46	23 25	23 25	11 34	17 49	5 37	
T 11	22 59 7	30 4	25 24	42 1	29 21	38 0	26 12	0 1	9 22	43 0	3 20	14 1	52 14	58 0	43 18	28 0	7 12	55 9	46 23	25 23	11 31	17 49	5 37	
W12	23 4 12	43 3	36 24	52 1	34 21	50 0	24 11	43 1	7 22	44 0	3 20	13 1	52 14	58 0	43 18	28 0	7 12	55 9	46 23	25 23	11 29	17 49	5 37	
T 13	23 8 17	13 2	35 25	0 2	11 26	0 21	11 26	1 6	22 45	0 3	20 13	1 51	14 57	0 43	18 27	0 7	12 55	9 46	23 25	23 25	11 27	17 49	5 37	
F 14	23 12 20	45 1	26 25	7 1	43 22	14 0	19 11	9 1	5 22	46 0	2 20	12 1	51 14	56 0	43 18	27 0	7 12	56 9	46 23	24 23	11 24	17 49	5 37	
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S 16	23 18 24	11 0s58	25 17	1 51	22 34	0 14	10 35	1 2	22 47 0	2 20	11 1	51 14	55 0	43 18	26 0	7 12	56 9	46 23	24 23	11 19	17 49	5 37		
M17	23 21 23	58 2	5 25	20 1	54 22	44 0	12 10	17 1	1 22	48 0	2 20	11 1	51 14	54 0	43 18	26 0	7 12	56 9	46 23	24 23	11 17	17 49	5 37	
T 18	23 23 22	33 3	5 25	21 1	58 22	52 0	9 10	0	59 22	49 0	2 20	10 1	51 14	53 0	42 18	25 0	6 12	57 9	46 23	24 23	11 15	17 49	5 37	
W19	23 24 20	6 3	5 25	21 2	1 23	0 0	7 9	42 0	58 22	50 0	2 20	10 1	51 14	53 0	42 18	25 0	6 12	57 9	46 23	24 23	11 12	17 49	5 37	
T 20	23 26 16	49 4	34 25	20 2	3 23	8 0	4 9	25 0	57 22	51 0	2 20	9 1	50 14	52 0	42 18	24 0	6 12	57 9	46 23	24 23	11 10	17 49	5 37	
F 21	23 26 12	54 5	1 25	17 2	6 23	14 0	2 9	7 0	56 22	52 0	1 20	9 1	50 14	51 0	42 18	24 0	6 12	57 9	46 23	24 23	11 7	17 49	5 37	
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S 23	23 26 3	47 5	16 25	6 2	9 23	25 0	3 8	32 0	53 22	53 0	1 20	8 1	50 14	49 0	42 18	23 0	6 12	58 9	46 23	24 23	11 2	17 49	5 38	
M24	23 25 1n 6	5 3	24 58	2 11	23 30	0 5	8 14	0	52 22	54 0	1 20	7 1	50 14	49 0	42 18	22 0	6 12	58 9	46 23	24 23	11 0	17 48	5 38	
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W26	23 22 10	51 3	56 24	39 2	12 23	36 0	10 7	38 0	49 22	56 0	1 20	6 1	49 14	47 0	42 18	22 0	6 12	59 9	46 23	25 23	10 55	17 48	5 38	
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S 29	23 14 22	10 0	47 23	57 2	10 23	41 0	17 6	44 0	46 22	58 0	0 20	5 1												