

SWISS EPHEMERIS for the year 2045

JANUARY 2045

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	6 44 13	10♁57'56	6♁46	22♁ 0	22♁24	8♁32	10♁27	7♁ 6	26°R29	12°R10	0♁57	3°R11	4♁40	24♁33	19♁ 1
M 2	6 48 10	11°59'04	21°40	23°24	23°39	9°19	10°41	7°12	26°Q27	12♁ 9	0°58	3♁ 3	4°37	24°40	19°R 1
T 3	6 52 6	13° 0'12	6♁52	24°49	24°55	10° 6	10°54	7°19	26°26	12° 9	1° 0	2°55	4°34	24°46	19° 1
W 4	6 56 3	14° 1'20	22°10	26°15	26°10	10°54	11° 8	7°25	26°24	12° 8	1° 1	2°48	4°31	24°53	19° 1
T 5	7 0 0	15° 2'28	7♁23	27°41	27°25	11°41	11°21	7°31	26°22	12° 8	1° 2	2°44	4°28	25° 0	19° 1
F 6	7 3 56	16° 3'36	22°23	29° 8	28°40	12°28	11°35	7°37	26°20	12° 7	1° 3	2°41	4°24	25° 6	19° 0
S 7	7 7 53	17° 4'44	7♁ 1	0♁35	29°56	13°15	11°48	7°43	26°19	12° 7	1° 5	2°D41	4°21	25°13	19° 0
S 8	7 11 49	18° 5'52	21°14	2° 4	1♁11	14° 3	12° 2	7°49	26°17	12° 6	1° 6	2°42	4°18	25°20	18°59
M 9	7 15 46	19° 7'01	5♁ 0	3°32	2°26	14°50	12°16	7°55	26°15	12° 6	1° 7	2°43	4°15	25°27	18°58
T 10	7 19 42	20° 8'09	18°21	5° 2	3°41	15°37	12°29	8° 1	26°13	12° 5	1° 9	2°R44	4°12	25°33	18°58
W 11	7 23 39	21° 9'18	1♁20	6°31	4°57	16°25	12°43	8° 7	26°11	12° 5	1°10	2°43	4° 9	25°40	18°57
T 12	7 27 35	22°10'26	14° 0	8° 2	6°12	17°12	12°57	8°13	26° 9	12° 4	1°11	2°41	4° 5	25°47	18°55
F 13	7 31 32	23°11'35	26°24	9°33	7°27	17°59	13°11	8°19	26° 7	12° 4	1°13	2°37	4° 2	25°53	18°54
S 14	7 35 29	24°12'43	8♁36	11° 4	8°42	18°47	13°25	8°24	26° 5	12° 4	1°14	2°31	3°59	26° 0	18°53
S 15	7 39 25	25°13'52	20°40	12°36	9°58	19°34	13°38	8°30	26° 3	12° 4	1°16	2°24	3°56	26° 7	18°51
M 16	7 43 22	26°15'00	2♁36	14° 8	11°13	20°21	13°52	8°35	26° 0	12° 3	1°17	2°17	3°53	26°13	18°50
T 17	7 47 18	27°16'07	14°29	15°41	12°28	21° 9	14° 6	8°41	25°58	12° 3	1°18	2°10	3°50	26°20	18°48
W 18	7 51 15	28°17'14	26°18	17°15	13°44	21°56	14°20	8°46	25°56	12° 3	1°20	2° 4	3°46	26°27	18°46
T 19	7 55 11	29°18'21	8♁ 7	18°49	14°59	22°44	14°34	8°52	25°54	12° 3	1°21	2° 0	3°43	26°33	18°45
F 20	7 59 8	0♁19'27	19°56	20°23	16°14	23°31	14°49	8°57	25°52	12° 3	1°23	1°57	3°40	26°40	18°43
S 21	8 3 5	1°20'32	1♁49	21°58	17°29	24°18	15° 3	9° 2	25°49	12° 3	1°24	1°D56	3°37	26°47	18°40
S 22	8 7 1	2°21'37	13°48	23°34	18°45	25° 6	15°17	9° 8	25°47	12°D 3	1°26	1°57	3°34	26°53	18°38
M 23	8 10 58	3°22'40	25°56	25°10	20° 0	25°53	15°31	9°13	25°45	12° 3	1°27	1°59	3°30	27° 0	18°36
T 24	8 14 54	4°23'43	8°Y16	26°47	21°15	26°41	15°45	9°18	25°42	12° 3	1°29	2° 0	3°27	27° 7	18°33
W 25	8 18 51	5°24'44	20°52	28°24	22°31	27°28	15°59	9°23	25°40	12° 3	1°30	2° 2	3°24	27°13	18°31
T 26	8 22 47	6°25'45	3♁49	0♁ 2	23°46	28°15	16°13	9°28	25°37	12° 3	1°32	2°R 3	3°21	27°20	18°28
F 27	8 26 44	7°26'44	17°10	1°40	25° 1	29° 3	16°28	9°33	25°35	12° 3	1°34	2° 2	3°18	27°27	18°26
S 28	8 30 40	8°27'43	0♁58	3°20	26°16	29°50	16°42	9°37	25°32	12° 4	1°35	2° 1	3°15	27°33	18°23
S 29	8 34 37	9°28'40	15°12	4°59	27°32	0♁38	16°56	9°42	25°30	12° 4	1°37	1°58	3°11	27°40	18°20
M 30	8 38 34	10°29'36	29°51	6°40	28°47	1°25	17°10	9°47	25°27	12° 4	1°38	1°56	3° 8	27°47	18°17
T 31	8 42 30	11°30'31	14♁51	8♁21	0♁ 2	2♁12	17°25	9♁51	25°25	12♁ 4	1♁40	1♁53	3♁ 5	27♁53	18♁14

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	22s59	26n28	5n 6	22s35	0n36	22s41	0n32	19s15	1s10	18s14	0s38	19s45	1n46	13n24	0n45	13n46	1s48	21s39	11s18	10s20	9s48	24s29	0s34	5s20
M 2	22 54 28	1 4 51	22 48	0 28	22 47	0 30	19 2	1 10	18 10	0 38	19 46	1 46	13 24	0 45	13 46	1 48	21 39	11 17	10 23	9 49	24 27	0 34	5 20	
T 3	22 48 27	30 4 15	23 0	0 20	22 53	0 27	18 49	1 9	18 7	0 39	19 47	1 46	13 25	0 45	13 46	1 48	21 38	11 17	10 26	9 50	24 25	0 34	5 21	
W 4	22 42 24	55 3 21	23 10	0 13	22 58	0 25	18 36	1 9	18 3	0 39	19 48	1 46	13 26	0 45	13 46	1 48	21 38	11 17	10 28	9 51	24 23	0 35	5 21	
T 5	22 35 20	33 2 12	23 20	0 5	23 2	0 22	18 23	1 9	17 59	0 39	19 49	1 46	13 26	0 45	13 46	1 48	21 37	11 17	10 30	9 52	24 21	0 35	5 21	
F 6	22 28 14	55 0 55	23 29	0s 3	23 6	0 20	18 10	1 9	17 56	0 39	19 50	1 46	13 27	0 46	13 46	1 48	21 36	11 17	10 31	9 54	24 19	0 35	5 22	
S 7	22 21 8	34 0s23	23 36	0 10	23 9	0 17	17 56	1 8	17 52	0 39	19 51	1 46	13 28	0 46	13 46	1 47	21 36	11 17	10 31	9 55	24 17	0 35	5 22	
S 8	22 13 1	58 1 39	23 43	0 17	23 11	0 15	17 42	1 8	17 48	0 39	19 52	1 46	13 28	0 46	13 46	1 47	21 35	11 17	10 31	9 56	24 15	0 35	5 22	
M 9	22 4 4	4s32	2 46	23 48	0 25	23 13	0 12	17 28	1 8	17 44	0 39	19 53	1 46	13 29	0 46	13 45	1 47	21 35	11 16	10 30	9 57	24 13	0 35	5 23
T 10	21 56 10	37 3 42	23 52	0 31	23 14	0 10	17 14	1 8	17 41	0 39	19 54	1 46	13 30	0 46	13 45	1 47	21 34	11 16	10 30	9 58	24 11	0 35	5 23	
W 11	21 46 16	4 4 25	23 55	0 38	23 14	0 7	16 59	1 7	17 37	0 39	19 54	1 46	13 30	0 46	13 45	1 47	21 33	11 16	10 30	9 59	24 9	0 35	5 23	
T 12	21 37 20	42 4 54	23 56	0 45	23 13	0 4	16 45	1 7	17 33	0 39	19 55	1 46	13 31	0 46	13 45	1 47	21 33	11 16	10 31	10 0	24 8	0 35	5 24	
F 13	21 27 24	20 5 8	23 57	0 51	23 12	0 2	16 30	1 7	17 29	0 39	19 56	1 47	13 32	0 46	13 45	1 47	21 32	11 16	10 33	10 2	24 6	0 35	5 24	
S 14	21 16 26	48 5 8	23 56	0 57	23 10	0s 1	16 15	1 7	17 25	0 39	19 57	1 47	13 32	0 46	13 45	1 47	21 31	11 16	10 35	10 3	24 4	0 35	5 24	
S 15	21 5 28	0 4 55	23 53	1 3	23 7	0 3	16 0	1 6	17 21	0 39	19 58	1 47	13 33	0 46	13 45	1 47	21 31	11 16	10 37	10 4	24 2	0 34	5 25	
M 16	20 54 27	53 4 28	23 50	1 9	23 3	0 6	15 44	1 6	17 17	0 39	19 59	1 47	13 34	0 46	13 45	1 47	21 30	11 15	10 40	10 5	24 0	0 34	5 25	
T 17	20 42 26	28 3 50	23 45	1 15	22 59	0 8	15 29	1 6	17 13	0 39	19 59	1 47	13 35	0 46	13 45	1 47	21 29	11 15	10 42	10 6	23 58	0 34	5 25	
W 18	20 30 23	52 3 2	23 39	1 20	22 54	0 11	15 13	1 5	17 9	0 39	20 0	1 47	13 35	0 46	13 45	1 47	21 29	11 15	10 44	10 7	23 56	0 33	5 26	
T 19	20 18 20	16 2 7	23 31	1 25	22 49	0 13	14 58	1 5	17 5	0 39	20 1	1 47	13 36	0 46	13 45	1 47	21 28	11 15	10 46	10 9	23 54	0 33	5 26	
F 20	20 5 15	52 1 5	23 22	1 30	22 42	0 16	14 42	1 5	17 1	0 39	20 2	1 47	13 37	0 46	13 45	1 47	21 28	11 15	10 47	10 10	23 52	0 32	5 26	
S 21	19 51 10	50 0 1	23 12	1 34	22 35	0 18	14 26	1 4	16 57	0 39	20 2	1 47	13 38	0 46	13 45	1 47	21 27	11 15	10 47	10 11	23 50	0 32	5 26	
S 22	19 38 5	23 1n 5	23 0	1 39	22 28	0 20	14 9	1 4	16 53	0 39	20 3	1 47	13 39	0 46	13 45	1 47	21 26	11 15	10 47	10 12	23 48	0 31	5 27	
M 23	19 24 0n20	2 8	22 47	1 43	22 19	0 23	13 53	1 4	16 49	0 39	20 4	1 47	13 39	0 46	13 45	1 47	21 26	11 15	10 46	10 13	23 46	0 30	5 27	
T 24	19 10 6	8 3 7	22 32	1 46	22 10	0 25	13 37	1 3	16 44	0 39	20 4	1 47	13 40	0 46	13 46	1 46	21 25	11 15	10 46	10 14	23 44	0 30	5 27	
W 25	18 55 11	49 3 57	22 16	1 50	22 0	0 27	13 20	1 3	16 40	0 40	20 5	1 48	13 41	0 46	13 46	1 46	21 24	11 15	10 45	10 15	23 42	0 29	5 27	
T 26	18 40 17	8 4 38	21 59	1 53	21 50	0 30	13 3	1 2	16 36	0 40	20 6	1 48	13 42	0 46	13 46	1 46	21 24	11 14	10 45	10 17	23 40	0 28	5 28	
F 27	18 24 21	49 5 5	21 40	1 56	21 39	0 32	12 46	1 2	16 32	0 40	20 6	1 48	13 43	0 46	13 46	1 46	21 23	11 14	10 45	10 18	23 38	0 27	5 28	
S 28	18 9 25	29 5 15	21 19	1 58	21 27	0 34	12 29	1 2	16 28	0 40	20 7	1 48	13 44	0 46	13 46	1 46	21 22	11 14	10 45	10 19	23 36	0 26	5 28	
S 29	17 53 27	42 5 7	20 58	2 0	21 15	0 37	12 12	1 1	16 23	0 40	20 7</													

SWISS EPHEMERIS for the year 2045

FEBRUARY 2045

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	8 46 27	12 ³¹ 25	0 ⁰² 2	10 ³³ 3	1 ¹⁷ 17	3 ³⁸ 0	17 ³⁹ 39	9 ⁵⁶ 56	25 ^R 22	12 ⁵ 5	1 ⁴² 42	1 ^R 50	3 ² 2	28 ³ 0	18 ^R 11	
T 2	8 50 23	13 ³² 17	15 ¹⁶	11 ⁴⁶	2 ³²	3 ⁴⁷	17 ⁵³	10 ⁰	25 ⁰ 20	12 ⁵	1 ⁴³	1 ^R 49	2 ⁵⁹	28 ⁷	18 ⁷ 7	
F 3	8 54 20	14 ³³ 09	0 ¹⁷ 22	13 ²⁹	3 ⁴⁸	4 ³⁴	18 ⁸	10 ⁵	25 ¹⁷	12 ⁵	1 ⁴⁵	1 ^D 48	2 ⁵⁶	28 ¹³	18 ⁴ 4	
S 4	8 58 16	15 ³³ 59	15 ¹²	15 ¹³	5 ³	5 ²²	18 ²²	10 ⁹	25 ¹⁵	12 ⁶	1 ⁴⁶	1 ⁴⁸	2 ⁵²	28 ²⁰	18 ¹ 1	
S 5	9 2 13	16 ³⁴ 48	29 ³⁸	16 ⁵⁸	6 ¹⁸	6 ⁹	18 ³⁶	10 ¹³	25 ¹²	12 ⁶	1 ⁴⁸	1 ⁴⁹	2 ⁴⁹	28 ²⁷	17 ⁵⁷	
M 6	9 6 9	17 ³⁵ 37	13 ³⁹	18 ⁴³	7 ³³	6 ⁵⁶	18 ⁵¹	10 ¹⁷	25 ¹⁰	12 ⁷	1 ⁵⁰	1 ⁵¹	2 ⁴⁶	28 ³³	17 ⁵⁴	
T 7	9 10 6	18 ³⁶ 24	27 ¹¹	20 ²⁹	8 ⁴⁸	7 ⁴⁴	19 ⁵	10 ²¹	25 ⁷	12 ⁷	1 ⁵¹	1 ⁵²	2 ⁴³	28 ⁴⁰	17 ⁵⁰	
W 8	9 14 3	19 ³⁷ 11	10 ¹⁸	22 ¹⁶	10 ⁴	8 ³¹	19 ¹⁹	10 ²⁵	25 ⁴	12 ⁸	1 ⁵³	1 ⁵²	2 ⁴⁰	28 ⁴⁷	17 ⁴⁶	
T 9	9 17 59	20 ³⁷ 57	23 ¹	24 ³	11 ¹⁹	9 ¹⁸	19 ³⁴	10 ²⁹	25 ²	12 ⁹	1 ⁵⁵	1 ^R 53	2 ³⁶	28 ⁵³	17 ⁴²	
F 10	9 21 56	21 ³⁸ 41	5 ²⁶	25 ⁵²	12 ³⁴	10 ⁵	19 ⁴⁸	10 ³³	24 ⁵⁹	12 ⁹	1 ⁵⁶	1 ⁵²	2 ³³	29 ⁰	17 ³⁹	
S 11	9 25 52	22 ³⁹ 25	17 ³⁵	27 ⁴⁰	13 ⁴⁹	10 ⁵³	20 ²	10 ³⁶	24 ⁵⁶	12 ¹⁰	1 ⁵⁸	1 ⁵¹	2 ³⁰	29 ⁷	17 ³⁵	
S 12	9 29 49	23 ⁴⁰ 08	29 ³³	29 ²⁹	15 ⁴	11 ⁴⁰	20 ¹⁷	10 ⁴⁰	24 ⁵⁴	12 ¹¹	2 ⁰	1 ⁵⁰	2 ²⁷	29 ¹³	17 ³¹	
M13	9 33 45	24 ⁴⁰ 49	11 ³⁵ 25	1 ¹⁹ 19	16 ²⁰	12 ²⁷	20 ³¹	10 ⁴⁴	24 ⁵¹	12 ¹¹	2 ¹	1 ⁴⁹	2 ²⁴	29 ²⁰	17 ²⁷	
T 14	9 37 42	25 ⁴¹ 30	23 ¹³	3 ⁹	17 ³⁵	13 ¹⁴	20 ⁴⁵	10 ⁴⁷	24 ⁴⁹	12 ¹²	2 ³	1 ⁴⁸	2 ²¹	29 ²⁷	17 ²²	
W15	9 41 38	26 ⁴² 09	5 ²	4 ⁵⁹	18 ⁵⁰	14 ²	20 ⁵⁹	10 ⁵⁰	24 ⁴⁶	12 ¹³	2 ⁵	1 ⁴⁷	2 ¹⁷	29 ³³	17 ¹⁸	
T 16	9 45 35	27 ⁴² 46	16 ⁵²	6 ⁴⁹	20 ⁵	14 ⁴⁹	21 ¹⁴	10 ⁵⁴	24 ⁴³	12 ¹⁴	2 ⁶	1 ⁴⁷	2 ¹⁴	29 ⁴⁰	17 ¹⁴	
F 17	9 49 32	28 ⁴³ 22	28 ⁴⁸	8 ³⁹	21 ²⁰	15 ³⁶	21 ²⁸	10 ⁵⁷	24 ⁴¹	12 ¹⁵	2 ⁸	1 ^D 47	2 ¹¹	29 ⁴⁷	17 ¹⁰	
S 18	9 53 28	29 ⁴³ 57	10 ³⁰	10 ²⁹	22 ³⁵	16 ²³	21 ⁴²	11 ⁰	24 ³⁸	12 ¹⁶	2 ¹⁰	1 ⁴⁷	2 ⁸	29 ⁵³	17 ⁵	
S 19	9 57 25	0 ⁴⁴ 30	23 ⁰	12 ¹⁸	23 ⁵⁰	17 ¹⁰	21 ⁵⁷	11 ³	24 ³⁵	12 ¹⁷	2 ¹²	1 ⁴⁷	2 ⁵	0 ⁰ 0	17 ¹ 1	
M20	10 1 21	1 ⁴⁵ 01	5 ²¹	14 ⁶	25 ⁶	17 ⁵⁷	22 ¹¹	11 ⁶	24 ³³	12 ¹⁸	2 ¹³	1 ^R 47	2 ²	0 ⁷	16 ⁵⁷	
T 21	10 5 18	2 ⁴⁵ 31	17 ⁵³	15 ⁵³	26 ²¹	18 ⁴⁴	22 ²⁵	11 ⁸	24 ³⁰	12 ¹⁹	2 ¹⁵	1 ⁴⁷	1 ⁵⁸	0 ¹³	16 ⁵²	
W22	10 9 14	3 ⁴⁵ 59	0 ³ 40	17 ³⁹	27 ³⁶	19 ³¹	22 ³⁹	11 ¹¹	24 ²⁸	12 ²⁰	2 ¹⁷	1 ⁴⁷	1 ⁵⁵	0 ²⁰	16 ⁴⁸	
T 23	10 13 11	4 ⁴⁶ 25	13 ⁴³	19 ²²	28 ⁵¹	20 ¹⁸	22 ⁵³	11 ¹⁴	24 ²⁵	12 ²¹	2 ¹⁸	1 ⁴⁷	1 ⁵²	0 ²⁷	16 ⁴³	
F 24	10 17 7	5 ⁴⁶ 49	27 ³	21 ³	0 ⁶	21 ⁵	23 ⁸	11 ¹⁶	24 ²²	12 ²²	2 ²⁰	1 ⁴⁶	1 ⁴⁹	0 ³³	16 ³⁸	
S 25	10 21 4	6 ⁴⁷ 11	10 ⁴³	22 ⁴¹	1 ²¹	21 ⁵²	23 ²²	11 ¹⁹	24 ²⁰	12 ²³	2 ²²	1 ^D 46	1 ⁴⁶	0 ⁴⁰	16 ³⁴	
S 26	10 25 1	7 ⁴⁷ 31	24 ⁴⁴	24 ¹⁵	2 ³⁶	22 ³⁹	23 ³⁶	11 ²¹	24 ¹⁷	12 ²⁴	2 ²³	1 ⁴⁷	1 ⁴²	0 ⁴⁷	16 ²⁹	
M27	10 28 57	8 ⁴⁷ 50	9 ³	25 ⁴⁶	3 ⁵¹	23 ²⁶	23 ⁵⁰	11 ²³	24 ¹⁵	12 ²⁵	2 ²⁵	1 ⁴⁷	1 ³⁹	0 ⁵³	16 ²⁵	
T 28	10 32 54	9 ⁴⁸ 06	23 ³⁴ 0	27 ¹¹	5 ⁶	24 ¹³	24 ⁴	11 ²⁵	24 ¹²	12 ²⁶	2 ²⁷	1 ⁴⁸	1 ³⁶	1 ⁰	16 ²⁰	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	17s 3	22n51	2n47	19s43	2s 4	20s34	0s43	11s20	1s 0	16s11	0s40	20s 9	1n48	13n47	0n46	13n47	1s46	21s20	11s14	10s49	10s23	23s27	0s22	5s29
T 2	16 45	17 42	1 30	19 15	2 5	20 19	0 45	11 3	1 0	16 6	0 40	20 10	1 48	13 48	0 46	13 47	1 46	21 19	11 14	10 50	10 25	23 25	0 21	5 29
F 3	16 18	11 28	0 8	18 46	2 5	20 4	0 47	10 45	0 59	16 2	0 40	20 10	1 48	13 49	0 46	13 47	1 46	21 19	11 14	10 50	10 26	23 23	0 20	5 29
S 4	16 10	4 42	1s13	18 15	2 5	19 48	0 49	10 27	0 59	15 58	0 40	20 11	1 49	13 50	0 46	13 47	1 46	21 18	11 14	10 50	10 27	23 21	0 19	5 29
S 5	15 52	2s 7	2 28	17 43	2 4	19 31	0 51	10 10	0 58	15 53	0 40	20 11	1 49	13 51	0 46	13 47	1 46	21 17	11 14	10 49	10 28	23 19	0 18	5 29
M 6	15 33	8 38	3 32	17 10	2 3	19 14	0 53	9 52	0 58	15 49	0 40	20 12	1 49	13 51	0 46	13 48	1 46	21 17	11 14	10 49	10 29	23 17	0 16	5 29
T 7	15 15	14 31	4 21	16 35	2 1	18 56	0 55	9 34	0 58	15 44	0 40	20 12	1 49	13 52	0 46	13 48	1 46	21 16	11 14	10 49	10 30	23 15	0 15	5 29
W 8	14 56	19 34	4 55	15 58	1 59	18 38	0 57	9 16	0 57	15 40	0 41	20 13	1 49	13 53	0 46	13 48	1 46	21 15	11 14	10 48	10 31	23 13	0 14	5 30
T 9	14 37	23 34	5 13	15 20	1 57	18 19	0 58	8 57	0 57	15 36	0 41	20 13	1 49	13 54	0 46	13 48	1 45	21 15	11 14	10 48	10 33	23 11	0 12	5 30
F 10	14 17	26 23	5 16	14 41	1 53	18 0	1 0	8 39	0 56	15 31	0 41	20 13	1 49	13 55	0 46	13 48	1 45	21 14	11 14	10 48	10 34	23 9	0 11	5 30
S 11	13 58	27 55	5 5	14 0	1 50	17 40	1 2	8 21	0 56	15 27	0 41	20 14	1 49	13 56	0 46	13 49	1 45	21 14	11 14	10 49	10 35	23 6	0 9	5 30
S 12	13 38	28 7	4 41	13 18	1 45	17 19	1 4	8 2	0 55	15 22	0 41	20 14	1 49	13 57	0 46	13 49	1 45	21 13	11 14	10 49	10 36	23 4	0 8	5 30
M13	13 18	27 0	4 5	12 34	1 40	16 59	1 5	7 44	0 55	15 18	0 41	20 15	1 50	13 58	0 46	13 49	1 45	21 12	11 14	10 50	10 37	23 2	0 6	5 30
T 14	12 57	24 42	3 18	11 49	1 35	16 37	1 7	7 25	0 54	15 13	0 41	20 15	1 50	13 59	0 46	13 50	1 45	21 12	11 14	10 50	10 38	23 0	0 5	5 30
W15	12 37	21 19	2 23	11 4	1 29	16 15	1 8	7 7	0 54	15 9	0 41	20 15	1 50	13 59	0 46	13 50	1 45	21 11	11 14	10 50	10 39	22 58	0 3	5 30
T 16	12 16	17 5	1 22	10 17	1 22	15 53	1 10	6 48	0 53	15 4	0 41	20 16	1 50	14 0	0 46	13 50	1 45	21 10	11 14	10 50	10 41	22 56	0 2	5 30
F 17	11 55	12 9	0 17	9 29	1 15	15 30	1 11	6 29	0 53	15 0	0 41	20 16	1 50	14 1	0 46	13 51	1 45	21 10	11 14	10 50	10 42	22 54	0n 0	5 30
S 18	11 34	6 44	0n50	8 40	1 7	15 7	1 12	6 11	0 52	14 55	0 41	20 16	1 50	14 2	0 46	13 51	1 45	21 9	11 14	10 50	10 43	22 51	0 2	5 30
S 19	11 13	1 1	1 55	7 50	0 58	14 44	1 14	5 52	0 52	14 51	0 41	20 16	1 50	14 3	0 46	13 51	1 45	21 9	11 14	10 50	10 44	22 49	0 4	5 30
M20	10 51	4n49	2 56	7 0	0 48	14 20	1 15	5 33	0 51	14 46	0 42	20 17	1 50	14 4	0 46	13 52	1 45	21 8	11 14	10 50	10 45	22 47	0 5	5 30
T 21	10 29	10 33	3 49	6 9	0 38	13 55	1 16	5 14	0 51	14 42	0 42	20 17	1 51	14 5	0 46	13 52	1 45	21 7	11 14	10 50	10 46	22 45	0 7	5 30
W22	10 8	15 57	4 32	5 18	0 28	13 31	1 17	4 55	0 50	14 37	0 42	20 17	1 51	14 6	0 46	13 52	1 45	21 7	11 14	10 50	10 47	22 43	0 9	5 30
T 23	9 46	20 45	5 2	4 27	0 16	13 5	1 18	4 36	0 50	14 33	0 42	20 17	1 51	14 6	0 46	13 53	1 45	21 6	11 14	10 50	10 49	22 41	0 11	5 30
F 24	9 23	24 38	5 17	3 37	0 4	12 40	1 19	4 17	0 49	14 28	0 42	20 18	1 51	14 7	0 46	13 53								

SWISS EPHEMERIS for the year 2045

MARCH 2045

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	10 36 50	10 ^h 48'20"	8 ^h 02'29"	28 ^h 32'	6 ^h 21'	25 ^h 00'	24 ^h 18'	11 ^h 27'	24 ^h 10'	12 ^h 28'	2 ^h 28'	1 ^h 48'	1 ^h 33'	1 ^h 27'	16 ^h 15'
T 2	10 40 47	11 ^h 48'33"	23 ^h 24'	29 ^h 46'	7 ^h 36'	25 ^h 47'	24 ^h 32'	11 ^h 29'	24 ^h 07'	12 ^h 29'	2 ^h 30'	1 ^h 49'	1 ^h 30'	1 ^h 27'	16 ^h 10'
F 3	10 44 43	12 ^h 48'43"	8 ^h 07'17"	0 ^h 54'	8 ^h 51'	26 ^h 33'	24 ^h 46'	11 ^h 31'	24 ^h 5	12 ^h 30'	2 ^h 32'	1 ^h 49'	1 ^h 27'	1 ^h 20'	16 ^h 6'
S 4	10 48 40	13 ^h 48'51"	23 ^h 1'	1 ^h 55'	10 ^h 6'	27 ^h 20'	25 ^h 0'	11 ^h 33'	24 ^h 2'	12 ^h 32'	2 ^h 33'	1 ^h 48'	1 ^h 23'	1 ^h 27'	16 ^h 1'
S 5	10 52 36	14 ^h 48'58"	7 ^h 02'29"	2 ^h 48'	11 ^h 21'	28 ^h 7'	25 ^h 14'	11 ^h 34'	24 ^h 0'	12 ^h 33'	2 ^h 35'	1 ^h 47'	1 ^h 20'	1 ^h 33'	15 ^h 56'
M 6	10 56 33	15 ^h 49'03"	21 ^h 34'	3 ^h 33'	12 ^h 36'	28 ^h 53'	25 ^h 28'	11 ^h 36'	23 ^h 58'	12 ^h 35'	2 ^h 37'	1 ^h 45'	1 ^h 17'	1 ^h 40'	15 ^h 51'
T 7	11 0 29	16 ^h 49'06"	5 ^h 01'15"	4 ^h 10'	13 ^h 51'	29 ^h 40'	25 ^h 42'	11 ^h 37'	23 ^h 55'	12 ^h 36'	2 ^h 38'	1 ^h 43'	1 ^h 14'	1 ^h 47'	15 ^h 47'
W 8	11 4 26	17 ^h 49'08"	18 ^h 30'	4 ^h 37'	15 ^h 6'	0 ^h 27'	25 ^h 56'	11 ^h 39'	23 ^h 53'	12 ^h 37'	2 ^h 40'	1 ^h 41'	1 ^h 11'	1 ^h 53'	15 ^h 42'
T 9	11 8 23	18 ^h 49'08"	1 ^h 20'	4 ^h 56'	16 ^h 20'	1 ^h 13'	26 ^h 9'	11 ^h 40'	23 ^h 51'	12 ^h 39'	2 ^h 42'	1 ^h 40'	1 ^h 7'	2 ^h 0'	15 ^h 37'
F 10	11 12 19	19 ^h 49'07"	13 ^h 49'	5 ^h 6'	17 ^h 35'	2 ^h 0'	26 ^h 23'	11 ^h 41'	23 ^h 48'	12 ^h 40'	2 ^h 43'	1 ^h 39'	1 ^h 4'	2 ^h 7'	15 ^h 32'
S 11	11 16 16	20 ^h 49'04"	26 ^h 0'	5 ^h R 7'	18 ^h 50'	2 ^h 46'	26 ^h 37'	11 ^h 42'	23 ^h 46'	12 ^h 42'	2 ^h 45'	1 ^h D39'	1 ^h 1'	2 ^h 13'	15 ^h 28'
S 12	11 20 12	21 ^h 48'59"	7 ^h 03'59"	5 ^h 0'	20 ^h 5'	3 ^h 33'	26 ^h 51'	11 ^h 43'	23 ^h 44'	12 ^h 44'	2 ^h 47'	1 ^h 40'	0 ^h 58'	2 ^h 20'	15 ^h 23'
M13	11 24 9	22 ^h 48'53"	19 ^h 50'	4 ^h 43'	21 ^h 20'	4 ^h 19'	27 ^h 4'	11 ^h 44'	23 ^h 42'	12 ^h 45'	2 ^h 48'	1 ^h 41'	0 ^h 55'	2 ^h 27'	15 ^h 18'
T 14	11 28 5	23 ^h 48'45"	1 ^h 03'37"	4 ^h 19'	22 ^h 35'	5 ^h 6'	27 ^h 18'	11 ^h 45'	23 ^h 39'	12 ^h 47'	2 ^h 50'	1 ^h 43'	0 ^h 52'	2 ^h 33'	15 ^h 14'
W15	11 32 2	24 ^h 48'35"	13 ^h 26'	3 ^h 48'	23 ^h 50'	5 ^h 52'	27 ^h 31'	11 ^h 45'	23 ^h 37'	12 ^h 48'	2 ^h 51'	1 ^h 45'	0 ^h 48'	2 ^h 40'	15 ^h 9'
T 16	11 35 58	25 ^h 48'23"	25 ^h 21'	3 ^h 10'	25 ^h 4'	6 ^h 39'	27 ^h 45'	11 ^h 46'	23 ^h 35'	12 ^h 50'	2 ^h 53'	1 ^h 46'	0 ^h 45'	2 ^h 47'	15 ^h 4'
F 17	11 39 55	26 ^h 48'09"	7 ^h 32'33"	2 ^h 26'	26 ^h 19'	7 ^h 25'	27 ^h 58'	11 ^h 46'	23 ^h 33'	12 ^h 52'	2 ^h 55'	1 ^h R46'	0 ^h 42'	2 ^h 53'	15 ^h 0'
S 18	11 43 52	27 ^h 47'54"	19 ^h 36'	1 ^h 37'	27 ^h 34'	8 ^h 11'	28 ^h 12'	11 ^h 47'	23 ^h 31'	12 ^h 53'	2 ^h 56'	1 ^h 44'	0 ^h 39'	3 ^h 0'	14 ^h 55'
S 19	11 47 48	28 ^h 47'36"	2 ^h Y 2'	0 ^h 46'	28 ^h 49'	8 ^h 57'	28 ^h 25'	11 ^h 47'	23 ^h 29'	12 ^h 55'	2 ^h 58'	1 ^h 42'	0 ^h 36'	3 ^h 7'	14 ^h 50'
M20	11 51 45	29 ^h 47'17"	14 ^h 41'	29 ^h 52'	0 ^h Y 3'	9 ^h 44'	28 ^h 39'	11 ^h 47'	23 ^h 27'	12 ^h 57'	2 ^h 59'	1 ^h 38'	0 ^h 33'	3 ^h 13'	14 ^h 46'
T 21	11 55 41	0 ^h Y46'55"	27 ^h 34'	28 ^h 57'	1 ^h 18'	10 ^h 30'	28 ^h 52'	11 ^h R47'	23 ^h 25'	12 ^h 59'	3 ^h 1'	1 ^h 33'	0 ^h 29'	3 ^h 20'	14 ^h 41'
W22	11 59 38	1 ^h 46'32"	10 ^h 04'1"	28 ^h 2'	2 ^h 33'	11 ^h 16'	29 ^h 5'	11 ^h 47'	23 ^h 23'	13 ^h 0'	3 ^h 2'	1 ^h 28'	0 ^h 26'	3 ^h 27'	14 ^h 37'
T 23	12 3 34	2 ^h 46'06"	24 ^h 1'	27 ^h 8'	3 ^h 47'	12 ^h 2'	29 ^h 18'	11 ^h 47'	23 ^h 21'	13 ^h 2'	3 ^h 4'	1 ^h 24'	0 ^h 23'	3 ^h 33'	14 ^h 33'
F 24	12 7 31	3 ^h 45'38"	7 ^h 11'33"	26 ^h 17'	5 ^h 2'	12 ^h 48'	29 ^h 31'	11 ^h 47'	23 ^h 19'	13 ^h 4'	3 ^h 5'	1 ^h 20'	0 ^h 20'	3 ^h 40'	14 ^h 28'
S 25	12 11 27	4 ^h 45'08"	21 ^h 18'	25 ^h 28'	6 ^h 17'	13 ^h 34'	29 ^h 44'	11 ^h 46'	23 ^h 18'	13 ^h 6'	3 ^h 7'	1 ^h 18'	0 ^h 17'	3 ^h 47'	14 ^h 24'
S 26	12 15 24	5 ^h 44'35"	5 ^h 06'14"	24 ^h 44'	7 ^h 31'	14 ^h 20'	29 ^h 57'	11 ^h 46'	23 ^h 16'	13 ^h 8'	3 ^h 8'	1 ^h D17'	0 ^h 13'	3 ^h 53'	14 ^h 20'
M27	12 19 21	6 ^h 44'00"	19 ^h 21'	24 ^h 4'	8 ^h 46'	15 ^h 6'	0 ^h Y10'	11 ^h 45'	23 ^h 14'	13 ^h 10'	3 ^h 10'	1 ^h 17'	0 ^h 10'	4 ^h 0'	14 ^h 16'
T 28	12 23 17	7 ^h 43'23"	3 ^h 02'38"	23 ^h 30'	10 ^h 1'	15 ^h 52'	0 ^h 23'	11 ^h 44'	23 ^h 13'	13 ^h 11'	3 ^h 11'	1 ^h 19'	0 ^h 7'	4 ^h 7'	14 ^h 11'
W29	12 27 14	8 ^h 42'43"	18 ^h 2'	23 ^h 0'	11 ^h 15'	16 ^h 37'	0 ^h 36'	11 ^h 44'	23 ^h 11'	13 ^h 13'	3 ^h 13'	1 ^h 20'	0 ^h 4'	4 ^h 13'	14 ^h 7'
T 30	12 31 10	9 ^h 42'01"	2 ^h 07'30"	22 ^h 36'	12 ^h 30'	12 ^h 30'	17 ^h 23'	11 ^h 43'	23 ^h 9'	13 ^h 15'	3 ^h 14'	1 ^h R21'	0 ^h 1'	4 ^h 20'	14 ^h 3'
F 31	12 35 7	10 ^h Y41'17"	16 ^h 07'58"	22 ^h Y19'	13 ^h Y44'	18 ^h Y 9'	1 ^h Y 1'	11 ^h Y42'	23 ^h Y 8'	13 ^h Y17'	3 ^h Y16'	1 ^h Y20'	29 ^h Y58'	4 ^h Y27'	13 ^h Y59'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	7s31	20n10	2n 6	0n22	1n 3	10s28	1s23	2s42	0s47	14s 5	0s42	20s18	1n52	14n11	0n46	13n55	1s44	21s 3	11s15	10s50	10s55	22s27	0n22	5s29
T 2	7 8	14 27	0 47	1 5	1 17	10 1	1 24	2 23	0 46	14 1	0 43	20 19	1 52	14 12	0 46	13 56	1 44	21 2	11 15	10 50	10 56	22 25	0 24	5 29
F 3	6 45	7 54	0s36	1 45	1 31	9 33	1 24	2 4	0 46	13 56	0 43	20 19	1 52	14 13	0 46	13 56	1 44	21 2	11 15	10 50	10 58	22 23	0 26	5 28
S 4	6 22	1 1	1 55	2 22	1 45	9 5	1 25	1 45	0 45	13 51	0 43	20 19	1 52	14 14	0 46	13 57	1 44	21 1	11 15	10 50	10 59	22 21	0 28	5 28
S 5	5 59	5s48	3 5	2 56	2 0	8 37	1 25	1 26	0 45	13 47	0 43	20 19	1 52	14 15	0 46	13 57	1 44	21 1	11 15	10 50	11 0	22 18	0 30	5 28
M 6	5 36	12 9	4 2	3 27	2 13	8 9	1 25	1 7	0 44	13 42	0 43	20 19	1 52	14 15	0 46	13 57	1 44	21 0	11 15	10 51	11 1	22 16	0 32	5 28
T 7	5 12	17 43	4 43	3 54	2 26	7 40	1 26	0 48	0 44	13 38	0 43	20 19	1 53	14 16	0 46	13 58	1 44	21 0	11 15	10 52	11 2	22 14	0 34	5 27
W 8	4 49	22 15	5 8	4 16	2 39	7 12	1 26	0 29	0 43	13 33	0 43	20 19	1 53	14 17	0 46	13 58	1 44	20 59	11 15	10 52	11 3	22 12	0 37	5 27
T 9	4 25	25 35	5 16	4 34	2 51	6 43	1 26	0 10	0 42	13 29	0 43	20 19	1 53	14 18	0 46	13 59	1 44	20 59	11 15	10 53	11 4	22 9	0 39	5 27
F 10	4 2 27	34 5	9 4	4 48	3 1	6 14	1 26	0n 9	0 42	13 24	0 43	20 19	1 53	14 19	0 46	13 59	1 44	20 58	11 16	10 53	11 6	22 7	0 41	5 27
S 11	3 38	28 11	4 48	4 57	3 11	5 44	1 26	0 28	0 41	13 19	0 44	20 19	1 53	14 19	0 46	14 0	1 44	20 58	11 16	10 53	11 7	22 5	0 43	5 26
S 12	3 15	27 26	4 15	5 2	3 19	5 15	1 26	0 47	0 41	13 15	0 44	20 19	1 53	14 20	0 46	14 0	1 44	20 57	11 16	10 53	11 8	22 3	0 45	5 26
M13	2 51	25 27	3 31	5 1	3 25	4 45	1 26	1 6	0 40	13 10	0 44	20 19	1 53	14 21	0 46	14 1	1 44	20 57	11 16	10 52	11 9	22 0	0 47	5 26
T 14	2 27	22 22	2 39	4 56	3 30	4 16	1 26	1 25	0 40	13 6	0 44	20 19	1 53	14 21	0 46	14 1	1 44	20 56	11 16	10 52	11 10	21 58	0 49	5 25
W15	2 4	18 22	2 39	4 47	3 34	3 46	1 26	1 44	0 39	13 1	0 44	20 19	1 54	14 22	0 46	14 2	1 44	20 56	11 16	10 51	11 11	21 56	0 51	5 25
T 16	1 40	13 38	0 35	4 33	3 35	3 16	1 25	2 3	0 38	12 57	0 44	20 19	1 54	14 23	0 46	14 3	1 44	20 55	11 16	10 51	11 12	21 53	0 53	5 24
F 17	1 16	8 19	0n31	4 15	3 34	2 46	1 25	2 22	0 38	12 52	0 44	20 19	1 54	14 23	0 46	14 3	1 44	20 55	11 17	10 51	11 13	21 51	0 56	5 24
S 18	0 53	2 38	1 37	3 53	3 32	2 16	1 25	2 41																

SWISS EPHEMERIS for the year 2045

APRIL 2045

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
S 1	12 39 3	11°40'30	1♁21	22°R 6	14°V59	18°V55	1♁14	11°R41	23°R 6	13♁19	3♁17	1°R17	29°54	4°33	13°R56								
S 2	12 43 0	12°39'42	15°33	22°R 0	16°13	19°40	1°26	11°R40	23°R 5	13°21	3°18	1°R12	29°51	4°40	13°R52								
M 3	12 46 56	13°38'51	29°30	21°D59	17°28	20°26	1°39	11°38	23° 4	13°23	3°20	1° 5	29°48	4°47	13°48								
T 4	12 50 53	14°37'58	13♁ 6	22° 4	18°42	21°11	1°51	11°37	23° 2	13°25	3°21	0°58	29°45	4°53	13°44								
W 5	12 54 50	15°37'04	26°21	22°14	19°56	21°57	2° 3	11°36	23° 1	13°27	3°22	0°51	29°42	5° 0	13°41								
T 6	12 58 46	16°36'08	9♁13	22°29	21°11	22°42	2°16	11°34	23° 0	13°29	3°24	0°44	29°39	5° 6	13°37								
F 7	13 2 43	17°35'10	21°45	22°50	22°25	23°28	2°28	11°32	22°58	13°31	3°25	0°39	29°35	5°13	13°34								
S 8	13 6 39	18°34'10	3♁58	23°14	23°40	24°13	2°40	11°31	22°57	13°34	3°26	0°36	29°32	5°20	13°30								
S 9	13 10 36	19°33'09	15°59	23°44	24°54	24°58	2°52	11°29	22°56	13°36	3°28	0°D35	29°29	5°26	13°27								
M10	13 14 32	20°32'05	27°50	24°17	26° 8	25°44	3° 4	11°27	22°55	13°38	3°29	0°35	29°26	5°33	13°24								
T 11	13 18 29	21°31'00	9°39	24°55	27°23	26°29	3°16	11°25	22°54	13°40	3°30	0°36	29°23	5°40	13°21								
W12	13 22 25	22°29'53	21°29	25°36	28°37	27°14	3°27	11°23	22°53	13°42	3°31	0°37	29°19	5°46	13°18								
T 13	13 26 22	23°28'45	3♁27	26°22	29°51	27°59	3°39	11°21	22°52	13°44	3°32	0°R37	29°16	5°53	13°15								
F 14	13 30 19	24°27'34	15°35	27°10	1♁ 5	28°44	3°51	11°18	22°51	13°46	3°34	0°36	29°13	6° 0	13°12								
S 15	13 34 15	25°26'22	27°59	28° 2	2°20	29°29	4° 2	11°16	22°51	13°48	3°35	0°33	29°10	6° 6	13° 9								
S 16	13 38 12	26°25'07	10°V39	28°57	3°34	0♁14	4°13	11°14	22°50	13°51	3°36	0°27	29° 7	6°13	13° 7								
M17	13 42 8	27°23'51	23°37	29°55	4°48	0°59	4°25	11°11	22°49	13°53	3°37	0°19	29° 4	6°20	13° 4								
T 18	13 46 5	28°22'33	6♁53	0°V56	6° 2	1°44	4°36	11° 9	22°48	13°55	3°38	0° 9	29° 0	6°26	13° 2								
W19	13 50 1	29°21'13	20°25	1°59	7°16	2°29	4°47	11° 6	22°48	13°57	3°39	29°59	28°57	6°33	12°59								
T 20	13 53 58	0♁19'51	4♁10	3° 6	8°31	3°14	4°58	11° 3	22°47	13°59	3°40	29°49	28°54	6°40	12°57								
F 21	13 57 54	1°18'28	18° 4	4°14	9°45	3°58	5° 9	11° 0	22°47	14° 2	3°41	29°41	28°51	6°46	12°55								
S 22	14 1 51	2°17'01	2♁ 6	5°25	10°59	4°43	5°20	10°57	22°46	14° 4	3°42	29°35	28°48	6°53	12°53								
S 23	14 5 48	3°15'33	16°11	6°39	12°13	5°28	5°31	10°54	22°46	14° 6	3°43	29°32	28°45	7° 0	12°51								
M24	14 9 44	4°14'03	0♁18	7°54	13°27	6°12	5°41	10°51	22°46	14° 8	3°44	29°D31	28°41	7° 6	12°49								
T 25	14 13 41	5°12'30	14°25	9°12	14°41	6°57	5°52	10°48	22°45	14°10	3°45	29°31	28°38	7°13	12°47								
W26	14 17 37	6°10'55	28°32	10°32	15°55	7°41	6° 2	10°45	22°45	14°13	3°46	29°R31	28°35	7°20	12°45								
T 27	14 21 34	7° 9'18	12°R38	11°54	17° 9	8°26	6°13	10°42	22°45	14°15	3°47	29°31	28°32	7°26	12°44								
F 28	14 25 30	8° 7'39	26°40	13°19	18°23	9°10	6°23	10°38	22°45	14°17	3°48	29°28	28°29	7°33	12°42								
S 29	14 29 27	9° 5'57	10♁36	14°45	19°37	9°54	6°33	10°35	22°45	14°19	3°49	29°23	28°25	7°40	12°41								
S 30	14 33 23	10♁ 4'14	24♁24	16°V13	20♁51	10♁39	6♁43	10♁31	22°D45	14♁22	3♁50	29°15	28°22	7°46	12°40								

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
S 1	4n37	2s55	2s36	2s32	0n39	4n47	1s12	6n58	0s29	11s46	0s47	20s16	1n56	14n32	0n46	14n12	1s43	20s49	11s19	11s 1	11s30	21s16	1n27	5s17
S 2	5 0 9	27 3	37 2	49 0	24 5	17 1	11 7	16 0	28 11	41 0	47 20	16 1	56 14	32 0	46 14	12 1	43 20	49 11	20 11	3 11	31 21	13 1	29 5	16 1
M 3	5 23 15	24 4	24 3	3 0	9 5	47 1	10 7	33 0	27 11	37 0	47 20	16 1	56 14	33 0	46 14	13 1	43 20	49 11	20 11	5 11	32 21	11 1	31 5	16 1
T 4	5 46 20	26 4	54 3	14 0	s 6	6 16	1 8	7 51	0 27	11 33	0 47	20 15	1 56	14 33	0 46	14 14	1 43	20 48	11 20	11 8	11 34	21 9	1 33	5 15
W 5	6 9 24	19 5	8 3	23 0	19 6	46 1	7 8	9 0	26 11	29 0	47 20	15 1	56 14	34 0	45 14	14 1	43 20	48 11	20 11	10 11	10 35	21 6	1 34	5 15
T 6	6 32 26	51 5	5 3	29 0	33 7	15 1	5 8	26 0	25 11	24 0	47 20	15 1	56 14	34 0	45 14	15 1	43 20	48 11	21 11	13 11	13 36	21 4	1 36	5 14
F 7	6 54 27	58 4	48 3	33 0	45 7	44 1	4 8	44 0	25 11	20 0	47 20	14 1	57 14	34 0	45 14	16 1	43 20	48 11	21 11	14 11	14 37	21 1	1 38	5 13
S 8	7 17 27	41 4	18 3	34 0	58 8	13 1	2 9	1 0	24 11	16 0	48 20	14 1	57 14	35 0	45 14	16 1	43 20	47 11	21 11	16 11	16 38	20 59	1 40	5 13
S 9	7 39 26	5 3	37 3	33 1	9 8	42 1	1 9	18 0	24 11	12 0	48 20	14 1	57 14	35 0	45 14	17 1	43 20	47 11	21 11	16 11	16 39	20 57	1 42	5 12
M10	8 1 23	20 2	47 3	30 1	20 9	11 0	59 9	35 0	23 11	8 0	48 20	13 1	57 14	35 0	45 14	18 1	43 20	47 11	21 11	16 11	16 40	20 54	1 44	5 11
T 11	8 23 19	37 1	51 3	24 1	30 9	39 0	57 9	52 0	22 11	3 0	48 20	13 1	57 14	36 0	45 14	18 1	43 20	47 11	22 11	16 11	16 41	20 52	1 46	5 11
W12	8 45 15	7 0	49 3	16 1	40 10	7 0	55 10	9 0	22 10	59 0	48 20	13 1	57 14	36 0	45 14	19 1	43 20	46 11	22 11	15 11	15 42	20 49	1 47	5 10
T 13	9 7 10	0	1n15	3 7	1 49	10 35	0 54	10 26	0 21	10 55	0 49	20 12	1 57	14 36	0 45	14 20	1 43	20 46	11 22	11 15	11 44	20 47	1 49	5 9
F 14	9 29 4	27 1	20 2	55 1	57 11	3 0	52 10	42 0	20 10	51 0	49 20	12 1	57 14	36 0	45 14	20 1	43 20	46 11	23 11	16 11	16 45	20 44	1 51	5 9
S 15	9 50 1n22	2 21	2 41	2 5	11 30	0 50	10 59	0 20	10 47	0 49	20 11	1 57	14 37	0 45	14 21	1 43	20 46	11 23	11 17	11 46	20 42	1 52	5 8	
S 16	10 12 7	15 3	18 2	26 2	12 11	57 0	48 11	15 0	19 10	43 0	49 20	11 1	57 14	37 0	45 14	22 1	43 20	46 11	23 11	19 11	17 47	20 40	1 54	5 7
M17	10 33 12	57 4	5 2	9 2	18 12	24 0	46 11	32 0	18 10	39 0	49 20	10 1	58 14	37 0	45 14	22 1	43 20	45 11	23 11	22 11	18 48	20 37	1 56	5 7
T 18	10 54 18	13 4	40 1	50 2	24 12	51 0	44 11	48 0	18 10	35 0	49 20	10 1	58 14	37 0	45 14	23 1	43 20	45 11	24 11	25 11	19 49	20 35	1 57	5 6
W19	11 15 22	40 5	0 1	29 2	29 13	17 0	42 12	4 0	17 10	31 0	50 20	10 1	58 14	37 0	45 14	24 1	43 20	45 11	24 11	29 11	20 32	1 59	5 5	
T 20	11 35 25	56 5	3 1	7 2	34 13	43 0	40 12	20 0	17 10	28 0	50 20	9 1	58 14	38 0	45 14	24 1	43 20	45 11	24 11	32 11	21 30	2 0	5 5	
F 21	11 56 27	42 4	49 0	43 2	37 14	8 0	37 12	35 0	16 10	24 0	50 20	9 1	58 14	38 0	45 14	25 1	43 20	45 11	24 11	35 11	22 27	2 2	5 4	
S 22	12 16 27	42 4	17 0	18 2	41 14	34 0	35 12	51 0	15 10	20 0	50 20	8 1	58 14	38 0	45 14	26 1	43 20	45 11	25 11	37 11	23 25	2 3	5 3	
S 23	12 36 25	55 3	30 0	n 8	2 43	14 59	0 33	13 7	0 15	10 16	0 50	20 8	1 58	14 38	0 45	14 26	1 42	20 45	11 25	11 38	11 55	20 22	2 5	5 2
M24	12 56 22	31 2	29 0	36 2	46 15	23 0	31 13	22 0	14 10	13 0	51 20	7 1	58 14	38 0	45 14	27 1	42 20	45 11	25 11	38 11	16 20	20 2	6 5	2 2
T 25	13 15 17																							

SWISS EPHEMERIS for the year 2045

MAY 2045

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	14 37 20	11♈ 2'29	8♌ 0	17♋43	22♈ 5	11♈23	6♁53	10°R28	22♈45	14♈24	3♁51	29°R 5	28♁19	7♁53	12°R39
T 2	14 41 17	12° 0'42	21°21	19°15	23°18	12° 7	7° 2	10♈24	22°45	14°26	3°51	28♁53	28°16	8° 0	12♈38
W 3	14 45 13	12°58'54	4♌24	20°49	24°32	12°51	7°12	10°21	22°45	14°28	3°52	28°41	28°13	8° 6	12°37
T 4	14 49 10	13°57'04	17°10	22°25	25°46	13°35	7°22	10°17	22°45	14°31	3°53	28°30	28°10	8°13	12°36
F 5	14 53 6	14°55'12	29°38	24° 2	27° 0	14°19	7°31	10°13	22°45	14°33	3°54	28°20	28° 6	8°20	12°35
S 6	14 57 3	15°53'19	11♌50	25°42	28°14	15° 3	7°40	10° 9	22°46	14°35	3°54	28°14	28° 3	8°26	12°35
S 7	15 0 59	16°51'24	23°50	27°24	29°28	15°47	7°49	10° 6	22°46	14°37	3°55	28° 9	28° 0	8°33	12°34
M 8	15 4 56	17°49'28	5♌42	29° 7	0♁41	16°31	7°58	10° 2	22°47	14°40	3°56	28° 7	27°57	8°39	12°34
T 9	15 8 52	18°47'31	17°31	0♁52	1°55	17°15	8° 7	9°58	22°47	14°42	3°56	28°D 7	27°54	8°46	12°34
W10	15 12 49	19°45'32	29°21	2°40	3° 9	17°58	8°16	9°54	22°48	14°44	3°57	28°R 7	27°50	8°53	12°34
T 11	15 16 46	20°43'32	11♌20	4°29	4°22	18°42	8°25	9°50	22°48	14°46	3°58	28° 6	27°47	8°59	12°D34
F 12	15 20 42	21°41'30	23°32	6°20	5°36	19°26	8°33	9°46	22°49	14°49	3°58	28° 4	27°44	9° 6	12°34
S 13	15 24 39	22°39'27	6♋ 1	8°13	6°50	20° 9	8°42	9°41	22°49	14°51	3°59	28° 0	27°41	9°13	12°34
S 14	15 28 35	23°37'23	18°51	10° 8	8° 3	20°53	8°50	9°37	22°50	14°53	3°59	27°53	27°38	9°19	12°34
M15	15 32 32	24°35'17	2♈ 3	12° 5	9°17	21°36	8°58	9°33	22°51	14°55	4° 0	27°43	27°35	9°26	12°35
T 16	15 36 28	25°33'11	15°38	14° 3	10°31	22°20	9° 6	9°29	22°52	14°58	4° 0	27°32	27°31	9°33	12°35
W17	15 40 25	26°31'02	29°33	16° 4	11°44	23° 3	9°14	9°24	22°53	15° 0	4° 1	27°20	27°28	9°39	12°36
T 18	15 44 21	27°28'53	13♁43	18° 6	12°58	23°47	9°22	9°20	22°54	15° 2	4° 1	27° 8	27°25	9°46	12°37
F 19	15 48 18	28°26'42	28° 4	20°10	14°11	24°30	9°29	9°16	22°55	15° 4	4° 2	26°58	27°22	9°53	12°38
S 20	15 52 15	29°24'29	12♁29	22°16	15°25	25°13	9°37	9°12	22°56	15° 7	4° 2	26°51	27°19	9°59	12°39
S 21	15 56 11	0♁22'15	26°53	24°23	16°38	25°56	9°44	9° 7	22°57	15° 9	4° 2	26°46	27°16	10° 6	12°40
M22	16 0 8	1°19'59	11♁12	26°31	17°52	26°39	9°51	9° 3	22°58	15°11	4° 3	26°44	27°12	10°13	12°41
T23	16 4 4	2°17'41	25°24	28°40	19° 5	27°23	9°58	8°58	22°59	15°13	4° 3	26°44	27° 9	10°19	12°42
W24	16 8 1	3°15'22	9♁26	0♁51	20°19	28° 6	10° 5	8°54	23° 0	15°15	4° 3	26°44	27° 6	10°26	12°44
T 25	16 11 57	4°13'01	23°19	3° 2	21°32	28°49	10°11	8°49	23° 2	15°17	4° 3	26°43	27° 3	10°33	12°45
F 26	16 15 54	5°10'38	7♁ 3	5°13	22°46	29°31	10°18	8°45	23° 3	15°20	4° 4	26°40	27° 0	10°39	12°47
S 27	16 19 50	6° 8'15	20°37	7°25	23°59	0♁14	10°24	8°41	23° 5	15°22	4° 4	26°34	26°56	10°46	12°49
S 28	16 23 47	7° 5'49	4♌ 0	9°37	25°12	0°57	10°31	8°36	23° 6	15°24	4° 4	26°26	26°53	10°53	12°51
M29	16 27 44	8° 3'23	17°12	11°49	26°26	1°40	10°37	8°32	23° 7	15°26	4° 4	26°16	26°50	10°59	12°53
T 30	16 31 40	9° 0'55	0♁12	14° 0	27°39	2°23	10°43	8°27	23° 9	15°28	4° 4	26° 3	26°47	11° 6	12°55
W31	16 35 37	9♁58'26	12♁58	16♁10	28♁52	3♁ 5	10♁48	8♁23	23♁11	15♁30	4♁ 4	25♁51	26♁44	11♁12	12♁57

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	15n 8	18s37	4s42	4n25	2s44	18n 3	0s14	15n 6	0s 9	9s47	0s52	20s 3	1n59	14n38	0n45	14n32	1s42	20s44	11s27	11s48	12s 3	20s 2	2n15	4s56
T 2	15 26	22 54	4 59	5 2	2 42	18 24	0 12	15 20	0 9	9 44	0 52	20 3	1 59	14 38	0 45	14 32	1 42	20 44	11 28	11 52	12 5	20 0	2 16	4 56
W 3	15 44	25 56	5 0	5 40	2 39	18 45	0 10	15 34	0 8	9 41	0 52	20 2	1 59	14 38	0 44	14 33	1 42	20 44	11 28	11 56	12 6	19 57	2 17	4 55
T 4	16 1 27	34 4	4 46	6 19	2 35	19 5	0 7	15 48	0 8	9 37	0 53	20 2	1 59	14 38	0 44	14 34	1 42	20 44	11 28	12 0	12 7	19 54	2 18	4 54
F 5	16 19	27 44	4 48	6 59	2 31	19 25	0 5	16 1	0 7	9 34	0 53	20 1	1 59	14 38	0 44	14 34	1 42	20 44	11 29	12 3	12 8	19 52	2 19	4 53
S 6	16 36	26 33	3 39	7 39	2 27	19 44	0 2	16 15	0 6	9 31	0 53	20 1	1 59	14 38	0 44	14 35	1 42	20 44	11 29	12 5	12 9	19 49	2 20	4 53
S 7	16 52	24 9	2 51	8 20	2 22	20 2	0n 0	16 28	0 6	9 28	0 53	20 0	1 59	14 37	0 44	14 35	1 42	20 44	11 29	12 7	12 10	19 47	2 21	4 52
M 8	17 9	20 43	1 56	9 2	2 16	20 20	0 3	16 42	0 5	9 24	0 54	19 59	1 59	14 37	0 44	14 36	1 42	20 44	11 30	12 8	12 11	19 44	2 22	4 51
T 9	17 25	16 28	0 56	9 45	2 10	20 38	0 5	16 55	0 4	9 21	0 54	19 59	1 59	14 37	0 44	14 37	1 42	20 44	11 30	12 8	12 12	19 42	2 22	4 50
W10	17 40	11 36	0n 7	10 28	2 3	20 55	0 8	17 8	0 4	9 18	0 54	19 58	1 59	14 37	0 44	14 37	1 42	20 44	11 30	12 8	12 13	19 39	2 23	4 49
T 11	17 56	6 14	1 10	11 11	1 56	21 11	0 10	17 20	0 3	9 15	0 54	19 58	1 59	14 37	0 44	14 38	1 42	20 45	11 31	12 8	12 14	19 37	2 24	4 49
F 12	18 11	0 34	2 10	11 55	1 49	21 27	0 13	17 33	0 2	9 12	0 54	19 57	1 59	14 36	0 44	14 39	1 42	20 45	11 31	12 9	12 15	19 34	2 25	4 48
S 13	18 26	5n14	3 6	12 39	1 41	21 42	0 15	17 45	0 2	9 9	0 55	19 56	1 59	14 36	0 44	14 39	1 42	20 45	11 31	12 10	12 17	19 31	2 25	4 47
S 14	18 41	10 59	3 54	13 23	1 32	21 56	0 18	17 57	0 1	9 6	0 55	19 56	1 59	14 36	0 44	14 40	1 42	20 45	11 32	12 12	12 18	19 29	2 26	4 46
M15	18 55	16 25	4 31	14 8	1 24	22 10	0 20	18 9	0 0	9 4	0 55	19 55	1 59	14 35	0 44	14 41	1 42	20 45	11 32	12 16	12 19	19 26	2 26	4 45
T 16	19 9	21 12	4 54	14 52	1 15	22 24	0 23	18 21	0n 0	9 1	0 55	19 55	1 59	14 35	0 44	14 41	1 42	20 45	11 32	12 20	12 20	19 24	2 27	4 45
W17	19 22	24 56	5 0	15 36	1 5	22 36	0 25	18 33	0 1	8 58	0 56	19 54	1 59	14 35	0 44	14 42	1 42	20 45	11 33	12 24	12 21	19 21	2 27	4 44
T 18	19 36	27 13	4 48	16 20	0 55	22 48	0 28	18 44	0 2	8 55	0 56	19 53	1 59	14 34	0 44	14 43	1 42	20 45	11 33	12 28	12 22	19 18	2 28	4 43
F 19	19 49	27 43	4 18	17 3	0 45	23 0	0 30	18 56	0 2	8 53	0 56	19 53	1 59	14 34	0 44	14 43	1 42	20 46	11 33	12 31	12 23	19 16	2 28	4 42
S 20	20 1 26	21 3	3 11	17 46	0 35	23 10	0 32	19 7	0 3	8 50	0 56	19 52	1 59	14 34	0 44	14 44	1 42	20 46	11 34	12 34	12 24	19 13	2 28	4 42
S 21	20 14	23 14	2 31	18 28	0 24	23 21	0 35	19 18	0 3	8 48	0 57	19 51	1 59	14 33	0 44	14 45	1 43	20 46	11 34	12 35	12 25	19 11	2 29	4 41
M22	20 25	18 43	1 21	19 9	0 14	23 30	0 37	19 28	0 4	8 45	0 57	19 51	1 59	14 33	0 44	14 45	1 43	20 46	11 34	12 36	12 26	19 8	2 29	4 40
T 23	20 37	13 10	0 7	19 48	0 3	23 39	0 40	19 39	0 5	8 43	0 57	19 50	1 59	14 33	0 44	14 46	1 43	20 46	11 35	12 36	12 27	19 5	2 29	4 39
W24	20 48	7 0	1s 7	20 26	0n 7	23 47	0 42	19 49	0 5	8 40	0 57	19 50	1 59	14 32	0 44	14 46	1 43	20 46	11 35	12 36	12 29	19 3	2 29	4 38
T 25	20 59	0 35	2 16	21 3	0 18	23 54	0 44	19 59	0 6	8 38	0 58	19 49	1 59	14 32	0 44	14 47	1 43	20 47	11 35	12 36	12 30	19 0	2 30	4 38
F 26	21 10	5s48	3 16	21 38	0 28	24 1	0 47	20 9	0 7	8 36	0 58	19 48	1 59	14 31	0 44	14 48	1 43	20 47	11 36	12 37	12 31	18 57	2 30	4 37
S 27	21 20	11 49	4 4	22 10	0 38	24 7	0 49	20 19	0 7	8 34	0 58	19 48	1 59	14 31	0 44	14 48	1 43	20 47	11 36	12 39	12 32	18 55	2 30	4 36
S 28	21 29	17 13	4 38	22 41	0 48	24 12	0 51	20 28	0 8	8 32	0 58	19 47	1 59	14 30	0 44	14 49	1 43	20 47	11 36	12 42	12 33	18 52		

SWISS EPHEMERIS for the year 2045

JUNE 2045

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	16 39 33	10II55'56	25♌31	18II19	0♉5	3II48	10♌54	8°R18	23♌12	15♌32	4♌4	25°R39	26♌41	11♌19	13♌0	
F 2	16 43 30	11°53'25	7♌39	20°26	1°19	4°30	10°59	8♌14	23°14	15°34	4°5	25°30	26°37	11°26	13°2	
S 3	16 47 26	12°50'53	19°56	22°32	2°32	5°13	11°4	8°9	23°16	15°36	4°5	25°22	26°34	11°32	13°5	
S 4	16 51 23	13°48'21	1♌52	24°37	3°45	5°55	11°10	8°5	23°18	15°39	4°R5	25°17	26°31	11°39	13°7	
M 5	16 55 19	14°45'47	13°42	26°39	4°58	6°38	11°14	8°1	23°19	15°41	4°5	25°15	26°28	11°46	13°10	
T 6	16 59 16	15°43'13	25°30	28°39	6°11	7°20	11°19	7°56	23°21	15°43	4°4	25°D14	26°25	11°52	13°13	
W 7	17 3 13	16°40'38	7♌20	0♉38	7°24	8°2	11°24	7°52	23°23	15°45	4°4	25°15	26°22	11°59	13°16	
T 8	17 7 9	17°38'02	19°19	2°34	8°37	8°44	11°28	7°47	23°25	15°47	4°4	25°R15	26°18	12°6	13°19	
F 9	17 11 6	18°35'26	1°Y30	4°27	9°51	9°27	11°32	7°43	23°27	15°49	4°4	25°14	26°15	12°12	13°22	
S 10	17 15 2	19°32'49	14°0	6°18	11°4	10°9	11°36	7°39	23°29	15°51	4°4	25°11	26°12	12°19	13°25	
S 11	17 18 59	20°30'12	26°53	8°7	12°17	10°51	11°40	7°34	23°31	15°52	4°4	25°6	26°9	12°26	13°29	
M12	17 22 55	21°27'34	10♌11	9°53	13°30	11°33	11°44	7°30	23°34	15°54	4°4	24°59	26°6	12°32	13°32	
T13	17 26 52	22°24'56	23°56	11°37	14°43	12°15	11°47	7°26	23°36	15°56	4°3	24°51	26°2	12°39	13°36	
W14	17 30 48	23°22'17	8II5	13°18	15°56	12°57	11°51	7°22	23°38	15°58	4°3	24°41	25°59	12°46	13°40	
T15	17 34 45	24°19'38	22°35	14°57	17°9	13°39	11°54	7°18	23°40	16°0	4°3	24°32	25°56	12°52	13°43	
F16	17 38 42	25°16'58	7♌18	16°33	18°21	14°21	11°57	7°13	23°43	16°2	4°3	24°24	25°53	12°59	13°47	
S17	17 42 38	26°14'17	22°7	18°6	19°34	15°2	12°0	7°9	23°45	16°4	4°2	24°18	25°50	13°6	13°51	
S18	17 46 35	27°11'36	6♌53	19°37	20°47	15°44	12°2	7°5	23°47	16°6	4°2	24°15	25°47	13°12	13°55	
M19	17 50 31	28°8'54	21°32	21°6	22°0	16°26	12°4	7°1	23°50	16°7	4°2	24°D13	25°43	13°19	13°59	
T20	17 54 28	29°6'11	5♌57	22°31	23°13	17°7	12°7	6°57	23°52	16°9	4°1	24°14	25°40	13°25	14°4	
W21	17 58 24	0♉3'27	20°6	23°54	24°26	17°49	12°9	6°53	23°55	16°11	4°1	24°15	25°37	13°32	14°8	
T22	18 2 21	1°0'42	3♌58	25°14	25°39	18°31	12°11	6°49	23°57	16°13	4°0	24°R15	25°34	13°39	14°13	
F23	18 6 18	1°57'57	17°34	26°32	26°51	19°12	12°12	6°46	24°0	16°14	4°0	24°14	25°31	13°45	14°17	
S24	18 10 14	2°55'11	0♌54	27°47	28°4	19°53	12°14	6°42	24°3	16°16	4°0	24°11	25°28	13°52	14°22	
S25	18 14 11	3°52'24	14°0	28°58	29°17	20°35	12°15	6°38	24°5	16°18	3°59	24°5	25°24	13°59	14°26	
M26	18 18 7	4°49'37	26°53	0♌7	0♌29	21°16	12°16	6°34	24°8	16°19	3°59	23°58	25°21	14°5	14°31	
T27	18 22 4	5°46'50	9♌33	1°13	1°42	21°57	12°17	6°31	24°11	16°21	3°58	23°50	25°18	14°12	14°36	
W28	18 26 0	6°44'02	22°1	2°16	2°55	22°39	12°17	6°27	24°14	16°23	3°57	23°42	25°15	14°19	14°41	
T29	18 29 57	7°41'14	4♌18	3°15	4°7	23°20	12°18	6°24	24°16	16°24	3°57	23°34	25°12	14°25	14°46	
F30	18 33 53	8°38'25	16♌25	4♌12	5♌20	24°II1	12°18	6°20	24°19	16°26	3°56	23°27	25°8	14°32	14°51	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	22n 5	27s43	4s22	24n18	1n23	24n26	1n 0	21n 5	0n10	8s24	1s 0	19s44	1n58	14n28	0n43	14n51
F 2	22 13	26 55	3 44	24 35	1 30	24 28	1 2	21 13	0 11	8 22	1 0	19 44	1 58	14 27	0 43	14 52
S 3	22 20	24 51	2 56	24 50	1 37	24 29	1 4	21 21	0 12	8 20	1 0	19 43	1 58	14 27	0 43	14 52
S 4	22 27	21 42	2 1	25 2	1 43	24 29	1 6	21 30	0 12	8 19	1 0	19 43	1 58	14 26	0 43	14 53
M 5	22 34	17 41	1 1	25 11	1 48	24 28	1 8	21 38	0 13	8 17	1 1	19 42	1 58	14 25	0 43	14 53
T 6	22 40	13 0	0n 1	25 18	1 52	24 27	1 10	21 45	0 14	8 15	1 1	19 41	1 58	14 25	0 43	14 54
W 7	22 46	7 49	1 4	25 22	1 56	24 25	1 12	21 53	0 14	8 14	1 1	19 41	1 58	14 24	0 43	14 54
T 8	22 52	2 19	2 5	25 24	1 59	24 23	1 14	22 0	0 15	8 13	1 1	19 40	1 58	14 23	0 43	14 55
F 9	22 57	3n22	3 1	25 23	2 1	24 19	1 15	22 7	0 15	8 11	1 2	19 40	1 58	14 23	0 43	14 56
S 10	23 1	9 3	3 50	25 20	2 3	24 15	1 17	22 14	0 16	8 10	1 2	19 39	1 57	14 22	0 43	14 56
S 11	23 6	14 32	4 28	25 15	2 4	24 11	1 19	22 21	0 17	8 9	1 2	19 38	1 57	14 21	0 43	14 57
M12	23 10	19 31	4 54	25 7	2 4	24 5	1 21	22 27	0 17	8 8	1 3	19 38	1 57	14 21	0 43	14 57
T13	23 13	23 39	5 4	24 58	2 3	23 59	1 22	22 33	0 18	8 6	1 3	19 37	1 57	14 20	0 43	14 58
W14	23 16	26 31	4 56	24 47	2 1	23 52	1 24	22 39	0 19	8 5	1 3	19 37	1 57	14 19	0 43	14 58
T15	23 19	27 42	4 29	24 34	1 59	23 45	1 25	22 45	0 19	8 5	1 3	19 36	1 57	14 18	0 43	14 59
F16	23 21	26 57	3 44	24 20	1 56	23 36	1 27	22 51	0 20	8 4	1 4	19 36	1 57	14 17	0 43	14 59
S17	23 23	24 18	2 43	24 4	1 52	23 27	1 28	22 56	0 20	8 3	1 4	19 35	1 57	14 17	0 43	15 0
S18	23 24	20 1	1 32	23 47	1 48	23 18	1 29	23 1	0 21	8 2	1 4	19 34	1 57	14 16	0 43	15 0
M19	23 25	14 33	0 14	23 29	1 43	23 8	1 31	23 6	0 22	8 2	1 5	19 34	1 56	14 15	0 43	15 1
T20	23 26	8 22	1s 3	23 9	1 37	22 57	1 32	23 11	0 22	8 1	1 5	19 33	1 56	14 14	0 43	15 1
W21	23 26	1 52	2 14	22 49	1 31	22 45	1 33	23 15	0 23	8 0	1 5	19 33	1 56	14 13	0 43	15 2
T22	23 26	4s35	3 17	22 28	1 24	22 33	1 34	23 20	0 23	8 0	1 5	19 32	1 56	14 12	0 43	15 2
F23	23 25	10 42	4 7	22 6	1 16	22 20	1 35	23 24	0 24	8 0	1 6	19 32	1 56	14 12	0 43	15 2
S24	23 24	16 12	4 42	21 43	1 8	22 7	1 36	23 28	0 25	7 59	1 6	19 31	1 56	14 11	0 43	15 3
S25	23 23	20 51	5 2	21 20	0 59	21 52	1 37	23 31	0 25	7 59	1 6	19 31	1 56	14 10	0 43	15 3
M26	23 21	24 26	5 7	20 56	0 50	21 38	1 38	23 35	0 26	7 59	1 7	19 31	1 55	14 9	0 43	15 4
T27	23 19	26 45	4 56	20 32	0 40	21 22	1 38	23 38	0 26	7 59	1 7	19 30	1 55	14 8	0 43	15 4
W28	23 16	27 42	4 31	20 8	0 29	21 7	1 39	23 41	0 27	7 59	1 7	19 30	1 55	14 7	0 43	15 5
T29	23 13	27 15	3 54	19 43	0 18	20 50	1 39	23 44	0 28	7 59	1 8	19 29	1 55	14 6	0 43	15 5
F30	23n 9	25s30	3s 6	19n19	0n 7	20n33	1n40	23n46	0n28	7s59	1s 8	19s29	1n55	14n 5	0n43	15n 5

Julian Day Number = 2468132.5, Delta T = 113.04 sec
 Ecliptic obliquity = 23°26'07", Nutation = 0°00'09"
 Ayanamsha: Fagan/Bradley = 25°22'29", Lahiri = 24°29'29"

SWISS EPHEMERIS for the year 2045

JULY 2045

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	18 37 50	9☉35'37	28☽23	5♂ 5	6♂32	24♂42	12°R18	6°R17	24♂22	16♂27	3°R56	23°R22	25♂ 5	14♂39	14♂57
S 2	18 41 47	10°32'48	10♂15	5°54	7°45	25°23	12♂18	6♂14	24°25	16°29	3♂55	23♂19	25° 2	14°45	15° 2
M 3	18 45 43	11°30'00	22° 3	6°40	8°57	26° 4	12°18	6°11	24°28	16°30	3°54	23°D18	24°59	14°52	15° 7
T 4	18 49 40	12°27'11	3♂50	7°23	10° 9	26°45	12°17	6° 7	24°31	16°32	3°54	23°19	24°56	14°59	15°13
W 5	18 53 36	13°24'23	15°40	8° 1	11°22	27°26	12°17	6° 4	24°34	16°33	3°53	23°20	24°53	15° 5	15°18
T 6	18 57 33	14°21'34	27°39	8°36	12°34	28° 7	12°16	6° 1	24°37	16°34	3°52	23°22	24°49	15°12	15°24
F 7	19 1 29	15°18'46	9♂50	9° 6	13°46	28°47	12°15	5°58	24°40	16°36	3°51	23°R23	24°46	15°18	15°30
S 8	19 5 26	16°15'59	22°19	9°32	14°59	29°28	12°14	5°55	24°43	16°37	3°51	23°23	24°43	15°25	15°36
S 9	19 9 22	17°13'11	5♂ 9	9°54	16°11	0♂ 9	12°12	5°53	24°46	16°39	3°50	23°21	24°40	15°32	15°42
M10	19 13 19	18°10'25	18°26	10°12	17°23	0°50	12°11	5°50	24°49	16°40	3°49	23°19	24°37	15°38	15°48
T 11	19 17 16	19° 7'38	2♂10	10°25	18°35	1°30	12° 9	5°47	24°53	16°41	3°48	23°14	24°34	15°45	15°54
W12	19 21 12	20° 4'53	16°21	10°33	19°48	2°11	12° 7	5°45	24°56	16°42	3°47	23°10	24°30	15°52	16° 0
T 13	19 25 9	21° 2'07	0♂57	10°R36	21° 0	2°51	12° 4	5°42	24°59	16°44	3°46	23° 5	24°27	15°58	16° 6
F 14	19 29 5	21°59'22	15°51	10°35	22°12	3°32	12° 2	5°40	25° 2	16°45	3°46	23° 1	24°24	16° 5	16°12
S 15	19 33 2	22°56'37	0♂55	10°29	23°24	4°12	11°59	5°38	25° 6	16°46	3°45	22°58	24°21	16°12	16°18
S 16	19 36 58	23°53'53	16° 0	10°18	24°36	4°53	11°57	5°35	25° 9	16°47	3°44	22°D57	24°18	16°18	16°25
M17	19 40 55	24°51'08	0♂58	10° 3	25°48	5°33	11°54	5°33	25°12	16°48	3°43	22°57	24°14	16°25	16°31
T 18	19 44 52	25°48'24	15°40	9°43	27° 0	6°13	11°51	5°31	25°16	16°49	3°42	22°58	24°11	16°32	16°38
W19	19 48 48	26°45'40	0♂ 3	9°18	28°12	6°53	11°47	5°29	25°19	16°50	3°41	22°59	24° 8	16°38	16°44
T 20	19 52 45	27°42'56	14° 4	8°50	29°23	7°34	11°44	5°27	25°22	16°51	3°40	23° 1	24° 5	16°45	16°51
F 21	19 56 41	28°40'12	27°42	8°18	0♂35	8°14	11°40	5°25	25°26	16°52	3°39	23°R 1	24° 2	16°52	16°58
S 22	20 0 38	29°37'29	10♂59	7°42	1°47	8°54	11°36	5°24	25°29	16°53	3°38	23° 1	23°59	16°58	17° 5
S 23	20 4 34	0♂34'46	23°56	7° 4	2°59	9°34	11°32	5°22	25°33	16°54	3°37	22°59	23°55	17° 5	17°11
M24	20 8 31	1°32'03	6♂36	6°24	4°10	10°14	11°28	5°21	25°36	16°55	3°36	22°57	23°52	17°11	17°18
T 25	20 12 27	2°29'20	19° 2	5°42	5°22	10°54	11°23	5°19	25°40	16°56	3°35	22°54	23°49	17°18	17°25
W26	20 16 24	3°26'38	1♂16	4°59	6°34	11°34	11°19	5°18	25°43	16°57	3°34	22°51	23°46	17°25	17°32
T 27	20 20 21	4°23'57	13°20	4°16	7°45	12°14	11°14	5°17	25°47	16°57	3°33	22°48	23°43	17°31	17°39
F 28	20 24 17	5°21'16	25°17	3°34	8°57	12°53	11° 9	5°15	25°50	16°58	3°32	22°46	23°40	17°38	17°47
S 29	20 28 14	6°18'36	7♂ 8	2°53	10° 8	13°33	11° 4	5°14	25°54	16°59	3°30	22°44	23°36	17°45	17°54
S 30	20 32 10	7°15'56	18°57	2°14	11°20	14°13	10°59	5°13	25°58	17° 0	3°29	22°D44	23°33	17°51	18° 1
M31	20 36 7	8♂13'17	0♂44	1♂39	12♂31	14♂53	10♂54	5♂12	26♂ 1	17♂ 0	3♂28	22♂44	23♂30	17♂58	18♂ 8

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	23n 5	22s37	2s11	18n55	0s 5	20n15	1n40	23n49	0n29	8s 0	1s 8	19s28	1n55	14n 4	0n43	15n 6	1s44	21s 1	11s47	13s44	13s 9	17s20	2n 5	4s11
S 2	23 1	18 48	1 10	18 30	0 18	19 57	1 41	23 51	0 29	8 0	1 8	19 28	1 54	14 3	0 43	15 6	1 44	21 1	11 48	13 45	13 10	17 17	2 3	4 10
M 3	22 56	14 16	0 7	18 7	0 30	19 39	1 41	23 53	0 30	8 0	1 9	19 28	1 54	14 2	0 43	15 7	1 44	21 2	11 48	13 45	13 12	17 14	2 2	4 9
T 4	22 51	9 13	0n57	17 43	0 44	19 19	1 41	23 54	0 31	8 1	1 9	19 27	1 54	14 1	0 42	15 7	1 44	21 2	11 48	13 45	13 13	17 12	2 0	4 9
W 5	22 46	3 49	1 59	17 20	0 57	19 0	1 42	23 56	0 31	8 1	1 9	19 27	1 54	14 0	0 42	15 7	1 44	21 3	11 48	13 44	13 14	17 9	1 59	4 8
T 6	22 40	1n46	2 56	16 58	1 11	18 39	1 42	23 57	0 32	8 2	1 10	19 27	1 54	13 59	0 42	15 8	1 44	21 3	11 49	13 44	13 15	17 6	1 57	4 7
F 7	22 33	7 22	3 47	16 36	1 26	18 19	1 42	23 58	0 32	8 2	1 10	19 26	1 53	13 58	0 42	15 8	1 44	21 4	11 49	13 43	13 16	17 3	1 55	4 7
S 8	22 27	12 49	4 28	16 15	1 40	17 57	1 41	23 59	0 33	8 3	1 10	19 26	1 53	13 57	0 42	15 8	1 44	21 4	11 49	13 43	13 17	17 0	1 54	4 6
S 9	22 20	17 54	4 57	15 55	1 55	17 36	1 41	24 0	0 33	8 4	1 10	19 26	1 53	13 56	0 42	15 9	1 44	21 5	11 50	13 44	13 18	16 58	1 52	4 5
M10	22 12	22 17	5 11	15 36	2 10	17 14	1 41	24 0	0 34	8 5	1 11	19 25	1 53	13 55	0 42	15 9	1 44	21 5	11 50	13 45	13 19	16 55	1 50	4 5
T 11	22 4 25	37 5	8 15	18 2	2 25	16 51	1 41	24 0	0 35	8 6	1 11	19 25	1 53	13 54	0 42	15 9	1 44	21 6	11 50	13 46	13 20	16 52	1 49	4 4
W12	21 56	27 30	4 47	15 2	2 39	16 28	1 40	24 0	0 35	8 7	1 11	19 25	1 52	13 52	0 42	15 10	1 44	21 7	11 50	13 48	13 21	16 49	1 47	4 4
T 13	21 47	27 33	4 7	14 47	2 54	16 4	1 40	24 0	0 36	8 8	1 12	19 25	1 52	13 51	0 42	15 10	1 44	21 7	11 51	13 49	13 22	16 46	1 45	4 3
F 14	21 38	25 38	3 9	14 33	3 9	15 41	1 39	24 0	0 36	8 9	1 12	19 24	1 52	13 50	0 42	15 10	1 44	21 8	11 51	13 51	13 23	16 44	1 43	4 2
S 15	21 29	21 52	1 58	14 21	3 23	15 16	1 39	23 59	0 37	8 10	1 12	19 24	1 52	13 49	0 42	15 10	1 44	21 8	11 51	13 51	13 24	16 41	1 41	4 2
S 16	21 19	16 39	0 38	14 11	3 36	14 52	1 38	23 58	0 37	8 12	1 12	19 24	1 52	13 48	0 42	15 11	1 44	21 9	11 51	13 52	13 25	16 38	1 39	4 1
M17	21 9	10 27	0s44	14 2	3 49	14 27	1 37	23 57	0 38	8 13	1 13	19 24	1 51	13 47	0 42	15 11	1 45	21 9	11 52	13 52	13 26	16 35	1 37	4 1
T 18	20 59	3 47	2 2	13 56	4 2	14 1	1 36	23 56	0 39	8 15	1 13	19 24	1 51	13 46	0 42	15 11	1 45	21 10	11 52	13 52	13 27	16 32	1 35	4 0
W19	20 48	2s56	3 10	13 51	4 13	13 35	1 35	23 54	0 39	8 16	1 13	19 24	1 51	13 45	0 42	15 11	1 45	21 11	11 52	13 51	13 28	16 29	1 33	4 0
T 20	20 37	9 19	4 5	13 48	4 24	13 9	1 34	23 53	0 40	8 18	1 14	19 23	1 51	13 43	0 42	15 12	1 45	21 11	11 52	13 51	13 30	16 27	1 31	3 59
F 21	20 25	15 5	4 45	13 47	4 33	12 43	1 33	23 51	0 40	8 19	1 14	19 23	1 51	13 42	0 42	15 12	1 45	21 12	11 52	13 51	13 31	16 24	1 29	3 58
S 22	20 14	19 59	5 8	13 48	4 41	12 16	1 32	23 49	0 41	8 21	1 14	19 23	1 50	13 41	0 42	15 12	1 45	21 12	11 53	13 51	13 32	16 21	1 27	3 58
S 23	20 1 23	50	5 15	13 51	4 48	11 49	1 31	23 47	0 41	8 23	1 14	19 23	1 50	13 40	0 42	15 12	1 45	21 13	11 53	13 51	13 33	16 18	1 25	3 57
M24	19 49	26 26	5 6	13 56	4 53	11 22	1 29	23 44	0 42	8 25	1 15	19 23	1 50	13 39	0 42	15 13	1 45	21 13	11 53	13 52	13 34	16 15	1 23	3 57
T 25	19 36	27 41	4 43	14 3	4 57	10 54	1 28	23 42	0 43	8 27	1 15	19 23	1 50	13 38	0 42	15 13	1 45	21 14	11 53	13 53	13 35	16 12	1 20	3 56
W26	19 23	27 33	4 7	14 11	4 58	10 26	1 26	23 39	0 43	8 29	1 15	19 23	1 49	13 36	0 42	15 13	1 45	21 15	11 54	13 54	13 36	16 9	1 18	3 56
T 27	19 9	26 6	3 21	14 21	4 58	9 58	1 25	23 36	0 44	8 31	1 15	19 23	1 49	13 35	0 42	15 13	1 45	21 15	11 54	13 55	13 37	16 7	1 16	3 55
F 28	18 56	23 28	2 26	14 33	4 57	9 30	1 23	23 33	0 44	8 33	1 16	19 23	1 49	13 34	0 42	15 13	1 45	21 16	11 54	13 56				

SWISS EPHEMERIS for the year 2045

AUGUST 2045

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	20 40 3	9♂10'39	12♂33	1°R 7	13♂42	15♂32	10°R48	5°R12	26♂ 5	17♂ 1	3°R27	22♂44	23♂27	18♂ 5	18♂16
W 2	20 44 0	10° 8'02	24°27	0♂39	14°53	16°12	10♂43	5♂11	26° 8	17° 2	3°R26	22°46	23°24	18°11	18°23
T 3	20 47 56	11° 5'26	6♂29	0°16	16° 5	16°51	10°37	5°10	26°12	17° 2	3°25	22°47	23°20	18°18	18°31
F 4	20 51 53	12° 2'52	18°42	29♂58	17°16	17°31	10°31	5°10	26°16	17° 3	3°24	22°48	23°17	18°25	18°38
S 5	20 55 49	13° 0'18	1♂11	29°47	18°27	18°10	10°25	5°10	26°19	17° 3	3°22	22°48	23°14	18°31	18°46
S 6	20 59 46	13°57'46	14° 0	29°D41	19°38	18°50	10°19	5° 9	26°23	17° 4	3°21	22°R48	23°11	18°38	18°53
M 7	21 3 43	14°55'15	27°11	29°42	20°49	19°29	10°12	5° 9	26°27	17° 4	3°20	22°48	23° 8	18°45	19° 1
T 8	21 7 39	15°52'45	10♂48	29°49	22° 0	20° 8	10° 6	5° 9	26°30	17° 5	3°19	22°48	23° 5	18°51	19° 9
W 9	21 11 36	16°50'17	24°52	0♂ 3	23°11	20°48	9°59	5°D 9	26°34	17° 5	3°18	22°47	23° 1	18°58	19°16
T 10	21 15 32	17°47'50	9♂20	0°24	24°22	21°27	9°52	5° 9	26°38	17° 5	3°16	22°47	22°58	19° 4	19°24
F 11	21 19 29	18°45'24	24°10	0°52	25°32	22° 6	9°46	5° 9	26°41	17° 6	3°15	22°46	22°55	19°11	19°32
S 12	21 23 25	19°43'00	9♂15	1°26	26°43	22°45	9°39	5° 9	26°45	17° 6	3°14	22°46	22°52	19°18	19°40
S 13	21 27 22	20°40'37	24°27	2° 7	27°54	23°24	9°32	5°10	26°49	17° 6	3°13	22°D46	22°49	19°24	19°48
M14	21 31 19	21°38'15	9♂35	2°56	29° 4	24° 4	9°25	5°10	26°53	17° 6	3°11	22°46	22°46	19°31	19°56
T 15	21 35 15	22°35'54	24°31	3°50	0♂15	24°43	9°17	5°11	26°56	17° 6	3°10	22°R46	22°42	19°38	20° 4
W16	21 39 12	23°33'33	9♂ 8	4°51	1°25	25°22	9°10	5°12	27° 0	17° 7	3° 9	22°46	22°39	19°44	20°12
T 17	21 43 8	24°31'14	23°21	5°59	2°36	26° 0	9° 3	5°12	27° 4	17° 7	3° 8	22°46	22°36	19°51	20°20
F 18	21 47 5	25°28'56	7♂ 7	7°12	3°46	26°39	8°55	5°13	27° 8	17° 7	3° 6	22°46	22°33	19°58	20°28
S 19	21 51 1	26°26'40	20°27	8°31	4°56	27°18	8°48	5°14	27°11	17° 7	3° 5	22°D45	22°30	20° 4	20°36
S 20	21 54 58	27°24'24	3♂24	9°55	6° 7	27°57	8°40	5°15	27°15	17°R 7	3° 4	22°45	22°26	20°11	20°44
M21	21 58 54	28°22'09	15°59	11°25	7°17	28°36	8°33	5°16	27°19	17° 7	3° 2	22°46	22°23	20°18	20°52
T 22	22 2 51	29°19'56	28°18	12°59	8°27	29°14	8°25	5°18	27°23	17° 7	3° 1	22°46	22°20	20°24	21° 1
W23	22 6 48	0♂17'43	10♂23	14°37	9°37	29°53	8°17	5°19	27°26	17° 7	3° 0	22°47	22°17	20°31	21° 9
T 24	22 10 44	1°15'32	22°19	16°19	10°47	0♂32	8° 9	5°20	27°30	17° 7	2°59	22°48	22°14	20°37	21°17
F 25	22 14 41	2°13'22	4♂10	18° 5	11°57	1°10	8° 2	5°22	27°34	17° 6	2°57	22°49	22°11	20°44	21°25
S 26	22 18 37	3°11'14	15°58	19°53	13° 6	1°49	7°54	5°24	27°38	17° 6	2°56	22°49	22° 7	20°51	21°34
S 27	22 22 34	4° 9'06	27°46	21°44	14°16	2°27	7°46	5°25	27°41	17° 6	2°55	22°R49	22° 4	20°57	21°42
M28	22 26 30	5° 7'01	9♂36	23°37	15°26	3° 6	7°38	5°27	27°45	17° 6	2°53	22°49	22° 1	21° 4	21°50
T 29	22 30 27	6° 4'56	21°31	25°32	16°35	3°44	7°30	5°29	27°49	17° 6	2°52	22°47	21°58	21°11	21°59
W30	22 34 23	7° 2'54	3♂33	27°27	17°44	4°23	7°22	5°31	27°52	17° 5	2°51	22°46	21°55	21°17	22° 7
T 31	22 38 20	8♂ 0'53	15°V44	29♂24	18♂54	5♂ 1	7♂14	5♂33	27♂56	17♂ 5	2♂50	22♂43	21♂52	21♂24	22♂16

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	17n57	5s11	1n48	15n28	4s33	7n34	1n15	23n18	0n46	8s42	1s17	19s23	1n48	13n29	0n42	15n14	1s45	21s18	11s55	13s56	13s42	15s52	1n 4	3s53
W 2	17 42	0n21	2 47	15 44	4 23	7 5	1 13	23 14	0 47	8 44	1 17	19 23	1 48	13 28	0 42	15 14	1 45	21 19	11 55	13 56	13 43	15 49	1 2	3 52
T 3	17 27	5 56	3 40	16 0	4 11	6 35	1 11	23 9	0 47	8 47	1 17	19 24	1 48	13 27	0 42	15 14	1 46	21 19	11 55	13 55	13 44	15 46	0 59	3 52
F 4	17 11	11 23	4 23	16 15	3 59	6 5	1 9	23 5	0 48	8 49	1 17	19 24	1 47	13 25	0 42	15 14	1 46	21 20	11 55	13 55	13 45	15 44	0 57	3 51
S 5	16 55	16 30	4 55	16 31	3 45	5 35	1 6	23 0	0 49	8 51	1 18	19 24	1 47	13 24	0 42	15 14	1 46	21 21	11 55	13 55	13 46	15 41	0 54	3 51
S 6	16 38	21 1	5 14	16 46	3 31	5 5	1 4	22 55	0 49	8 54	1 18	19 24	1 47	13 23	0 42	15 14	1 46	21 21	11 55	13 55	13 47	15 38	0 52	3 50
M 7	16 21	24 39	5 17	17 1	3 16	4 35	1 2	22 50	0 50	8 57	1 18	19 24	1 47	13 21	0 42	15 14	1 46	21 22	11 56	13 55	13 48	15 35	0 49	3 50
T 8	16 4	27 3	5 2	17 15	3 0	4 5	0 59	22 45	0 50	8 59	1 18	19 24	1 47	13 20	0 42	15 14	1 46	21 22	11 56	13 55	13 49	15 32	0 47	3 49
W 9	15 47	27 49	4 29	17 28	2 44	3 34	0 56	22 40	0 51	9 2	1 18	19 25	1 46	13 19	0 42	15 14	1 46	21 23	11 56	13 55	13 50	15 29	0 44	3 49
T 10	15 30	26 45	3 39	17 40	2 27	3 4	0 54	22 34	0 51	9 5	1 19	19 25	1 46	13 18	0 42	15 14	1 46	21 23	11 56	13 55	13 51	15 26	0 41	3 48
F 11	15 12	23 46	2 32	17 50	2 11	2 33	0 51	22 28	0 52	9 7	1 19	19 25	1 46	13 16	0 42	15 14	1 46	21 24	11 56	13 55	13 53	15 23	0 39	3 48
S 12	14 54	19 8	1 14	17 59	1 54	2 2	0 48	22 22	0 52	9 10	1 19	19 25	1 46	13 15	0 42	15 15	1 46	21 25	11 56	13 55	13 54	15 20	0 36	3 48
S 13	14 36	13 13	0s 9	18 6	1 37	1 32	0 45	22 16	0 53	9 13	1 19	19 26	1 45	13 14	0 42	15 15	1 46	21 25	11 56	13 56	13 55	15 17	0 33	3 47
M14	14 17	6 33	1 32	18 12	1 21	1 1	0 42	22 10	0 53	9 16	1 19	19 26	1 45	13 13	0 42	15 15	1 46	21 26	11 56	13 55	13 56	15 14	0 31	3 47
T 15	13 59	0s23	2 48	18 15	1 4	0 30	0 39	22 4	0 54	9 19	1 20	19 26	1 45	13 11	0 42	15 15	1 46	21 26	11 57	13 55	13 57	15 12	0 28	3 46
W16	13 40	7 9	3 50	18 16	0 49	0s 1	0 36	21 57	0 54	9 22	1 20	19 27	1 45	13 10	0 42	15 15	1 46	21 27	11 57	13 55	13 58	15 9	0 25	3 46
T 17	13 21	13 21	4 37	18 14	0 33	0 32	0 33	21 50	0 55	9 25	1 20	19 27	1 44	13 9	0 42	15 14	1 46	21 27	11 57	13 56	13 59	15 6	0 22	3 45
F 18	13 1	18 42	5 6	18 11	0 18	1 3	0 30	21 44	0 55	9 28	1 20	19 28	1 44	13 7	0 42	15 14	1 46	21 28	11 57	13 56	14 0	15 3	0 20	3 45
S 19	12 42	22 57	5 17	18 4	0 4	1 34	0 26	21 37	0 56	9 30	1 20	19 28	1 44	13 6	0 42	15 14	1 46	21 29	11 57	13 56	14 1	15 0	0 17	3 45
S 20	12 22	25 56	5 12	17 55	0n10	2 4	0 23	21 29	0 56	9 33	1 20	19 28	1 44	13 5	0 42	15 14	1 47	21 29	11 57	13 56	14 2	14 57	0 14	3 44
M21	12 2	27 32	4 52	17 43	0 22	2 35	0 20	21 22	0 57	9 36	1 20	19 29	1 43	13 4	0 42	15 14	1 47	21 30	11 57	13 56	14 3	14 54	0 11	3 44
T 22	11 42	27 44	4 19	17 28	0 34	3 6	0 16	21 15	0 57	9 39	1 21	19 29	1 43	13 2	0 42	15 14	1 47	21 30	11 57	13 55	14 4	14 51	0 8	3 43
W23	11 22	26 36	3 35	17 10	0 46	3 37	0 13	21 7	0 58	9 43	1 21	19 30	1 43	13 1	0 42	15 14	1 47	21 31	11 57	13 55	14 5	14 48	0 5	3 43
T 24	11 2	24 14	2 41	16 50	0 56	4 8	0 9	20 59	0 58	9 46	1 21	19 30	1 43	13 0	0 42	15 14	1 47	21 31	11 57	13 55	14 6	14 45	0 3	3 43
F 25	10 41	20 52	1 42	16 26	1 5	4 38	0 5	20 51	0 59	9 49	1 21	19 31	1 43	12 58	0 42	15 14	1 47	21 32	11 57	13 55	14 7	14 42	0s 0	3 42
S 26	10 20	16 39	0 38	16 0	1 13	5 9	0 2	20 43	0 59	9 52	1 21	19 31	1 42	12 57	0 42	15 14	1 47	21 32	11 57	13 54	14 8	14 39	0 3	3 42
S 27	9 59	11 49	0n27	15 32	1 21	5 39	0s 2	20 35	1 0	9 55	1 21	19 32	1 42	12 56	0 42	15 14	1 47	21 33	11 57	13 54	14 9	14 36	0 6	3 42
M28	9 38	6 33	1 32	15 1	1 27	6 10	0 6	20 27	1 0	9 58	1 21	19 32	1 42	12 55	0 42	15 14	1 47	21 33	11 57	13 55	14 10	14 33		

SWISS EPHEMERIS for the year 2045

SEPTEMBER 2045

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
F 1	22 42 16	8 ^m 58'54	28 ^Y 5	1 ^m 22	20 ^Ω 3	5 ^Ω 39	7 ^{°R} 6	5 [♂] 35	28 ^Ω 0	17 ^{°R} 5	2 ^{°R} 48	22 ^{°R} 41	21 [♂] 48	21 [♂] 31	22 ^m 24
S 2	22 46 13	9 [°] 56'57	10 [♂] 40	3 [°] 19	21 [°] 12	6 [°] 17	6 [♂] 58	5 [°] 38	28 [°] 4	17 [♂] 4	2 [♂] 47	22 [♂] 39	21 [°] 45	21 [°] 37	22 [°] 33
S 3	22 50 10	10 [°] 55'01	23 [°] 31	5 [°] 17	22 [°] 21	6 [°] 56	6 [°] 51	5 [°] 40	28 [°] 7	17 [°] 4	2 [°] 46	22 [°] 37	21 [°] 42	21 [°] 44	22 [°] 41
M 4	22 54 6	11 [°] 53'08	6 ^{II} 41	7 [°] 14	23 [°] 30	7 [°] 34	6 [°] 43	5 [°] 42	28 [°] 11	17 [°] 3	2 [°] 44	22 [°] D37	21 [°] 39	21 [°] 51	22 [°] 50
T 5	22 58 3	12 [°] 51'17	20 [°] 11	9 [°] 11	24 [°] 39	8 [°] 12	6 [°] 35	5 [°] 45	28 [°] 15	17 [°] 3	2 [°] 43	22 [°] 37	21 [°] 36	21 [°] 57	22 [°] 58
W 6	23 1 59	13 [°] 49'28	4 [♁] 3	11 [°] 8	25 [°] 48	8 [°] 50	6 [°] 27	5 [°] 48	28 [°] 18	17 [°] 2	2 [°] 42	22 [°] 37	21 [°] 32	22 [°] 4	23 [°] 7
T 7	23 5 56	14 [°] 47'40	18 [°] 17	13 [°] 4	26 [°] 57	9 [°] 28	6 [°] 19	5 [°] 50	28 [°] 22	17 [°] 2	2 [°] 41	22 [°] 39	21 [°] 29	22 [°] 10	23 [°] 15
F 8	23 9 52	15 [°] 45'55	2 [♁] 52	14 [°] 59	28 [°] 5	10 [°] 6	6 [°] 12	5 [°] 53	28 [°] 26	17 [°] 1	2 [°] 39	22 [°] 40	21 [°] 26	22 [°] 17	23 [°] 24
S 9	23 13 49	16 [°] 44'12	17 [°] 44	16 [°] 53	29 [°] 14	10 [°] 44	6 [°] 4	5 [°] 56	28 [°] 29	17 [°] 0	2 [°] 38	22 [°] R41	21 [°] 23	22 [°] 24	23 [°] 33
S 10	23 17 46	17 [°] 42'30	2 ^m 46	18 [°] 46	0 ^m 22	11 [°] 22	5 [°] 56	5 [°] 59	28 [°] 33	17 [°] 0	2 [°] 37	22 [°] 41	21 [°] 20	22 [°] 30	23 [°] 41
M 11	23 21 42	18 [°] 40'51	17 [°] 50	20 [°] 38	1 [°] 30	12 [°] 0	5 [°] 49	6 [°] 2	28 [°] 36	16 [°] 59	2 [°] 36	22 [°] 39	21 [°] 17	22 [°] 37	23 [°] 50
T 12	23 25 39	19 [°] 39'13	2 [♁] 47	22 [°] 29	2 [°] 39	12 [°] 37	5 [°] 41	6 [°] 5	28 [°] 40	16 [°] 58	2 [°] 35	22 [°] 36	21 [°] 13	22 [°] 44	23 [°] 58
W 13	23 29 35	20 [°] 37'37	17 [°] 30	24 [°] 19	3 [°] 47	13 [°] 15	5 [°] 34	6 [°] 9	28 [°] 43	16 [°] 58	2 [°] 33	22 [°] 33	21 [°] 10	22 [°] 50	24 [°] 7
T 14	23 33 32	21 [°] 36'03	1 ^m 50	26 [°] 8	4 [°] 55	13 [°] 53	5 [°] 27	6 [°] 12	28 [°] 47	16 [°] 57	2 [°] 32	22 [°] 28	21 [°] 7	22 [°] 57	24 [°] 16
F 15	23 37 28	22 [°] 34'30	15 [°] 44	27 [°] 56	6 [°] 3	14 [°] 31	5 [°] 19	6 [°] 15	28 [°] 51	16 [°] 56	2 [°] 31	22 [°] 24	21 [°] 4	23 [°] 4	24 [°] 24
S 16	23 41 25	23 [°] 32'59	29 [°] 11	29 [°] 43	7 [°] 10	15 [°] 8	5 [°] 12	6 [°] 19	28 [°] 54	16 [°] 55	2 [°] 30	22 [°] 21	21 [°] 1	23 [°] 10	24 [°] 33
S 17	23 45 21	24 [°] 31'30	12 [♂] 11	1 [♁] 29	8 [°] 18	15 [°] 46	5 [°] 5	6 [°] 22	28 [°] 58	16 [°] 54	2 [°] 29	22 [°] 19	20 [°] 57	23 [°] 17	24 [°] 42
M 18	23 49 18	25 [°] 30'02	24 [°] 47	3 [°] 13	9 [°] 25	16 [°] 23	4 [°] 58	6 [°] 26	29 [°] 1	16 [°] 53	2 [°] 27	22 [°] D18	20 [°] 54	23 [°] 24	24 [°] 50
T 19	23 53 14	26 [°] 28'36	7 [♁] 4	4 [°] 57	10 [°] 33	17 [°] 1	4 [°] 51	6 [°] 30	29 [°] 4	16 [°] 53	2 [°] 26	22 [°] 19	20 [°] 51	23 [°] 30	24 [°] 59
W 20	23 57 11	27 [°] 27'11	19 [°] 7	6 [°] 40	11 [°] 40	17 [°] 38	4 [°] 45	6 [°] 34	29 [°] 8	16 [°] 52	2 [°] 25	22 [°] 20	20 [°] 48	23 [°] 37	25 [°] 8
T 21	0 1 8	28 [°] 25'49	1 [♁] 0	8 [°] 21	12 [°] 47	18 [°] 16	4 [°] 38	6 [°] 38	29 [°] 11	16 [°] 51	2 [°] 24	22 [°] 22	20 [°] 45	23 [°] 44	25 [°] 16
F 22	0 5 4	29 [°] 24'28	12 [°] 48	10 [°] 2	13 [°] 54	18 [°] 53	4 [°] 31	6 [°] 42	29 [°] 15	16 [°] 50	2 [°] 23	22 [°] 23	20 [°] 42	23 [°] 50	25 [°] 25
S 23	0 9 1	0 [♁] 23'08	24 [°] 35	11 [°] 41	15 [°] 1	19 [°] 30	4 [°] 25	6 [°] 46	29 [°] 18	16 [°] 49	2 [°] 22	22 [°] R24	20 [°] 38	23 [°] 57	25 [°] 34
S 24	0 12 57	1 [°] 21'51	6 [♂] 25	13 [°] 20	16 [°] 7	20 [°] 7	4 [°] 19	6 [°] 50	29 [°] 21	16 [°] 48	2 [°] 21	22 [°] 23	20 [°] 35	24 [°] 3	25 [°] 42
M 25	0 16 54	2 [°] 20'35	18 [°] 22	14 [°] 57	17 [°] 14	20 [°] 45	4 [°] 13	6 [°] 54	29 [°] 25	16 [°] 46	2 [°] 19	22 [°] 20	20 [°] 32	24 [°] 10	25 [°] 51
T 26	0 20 50	3 [°] 19'21	0 ^Y 26	16 [°] 34	18 [°] 20	21 [°] 22	4 [°] 7	6 [°] 58	29 [°] 28	16 [°] 45	2 [°] 18	22 [°] 15	20 [°] 29	24 [°] 17	25 [°] 59
W 27	0 24 47	4 [°] 18'09	12 [°] 41	18 [°] 10	19 [°] 26	21 [°] 59	4 [°] 1	7 [°] 3	29 [°] 31	16 [°] 44	2 [°] 17	22 [°] 8	20 [°] 26	24 [°] 23	26 [°] 8
T 28	0 28 43	5 [°] 16'59	25 [°] 6	19 [°] 45	20 [°] 32	22 [°] 36	3 [°] 55	7 [°] 7	29 [°] 34	16 [°] 43	2 [°] 16	22 [°] 1	20 [°] 23	24 [°] 30	26 [°] 17
F 29	0 32 40	6 [°] 15'51	7 [♁] 44	21 [°] 18	21 [°] 38	23 [°] 13	3 [°] 50	7 [°] 12	29 [°] 38	16 [°] 42	2 [°] 15	21 [°] 53	20 [°] 19	24 [°] 37	26 [°] 25
S 30	0 36 37	7 [♁] 14'46	20 [♁] 33	22 [♁] 52	22 ^m 44	23 ^Ω 50	3 [♂] 44	7 [♂] 16	29 ^Ω 41	16 [♁] 41	2 [♂] 14	21 [♂] 45	20 [♂] 16	24 [♂] 43	26 ^m 34

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
F 1	8n12	15n16	4n47	12n36	1n43	8s10	0s21	19n52	1n 2	10s10	1s22	19s35	1n41	12n50	0n42	15n13	1s47	21s35	11s58	13s57	14s14	14s21	0s21	3s40
S 2	7 50	19 54	5 9	11 55	1 45	8 40	0 25	19 43	1 3	10 13	1 22	19 35	1 41	12 48	0 42	15 13	1 47	21 36	11 58	13 58	14 15	14 18	0 24	3 40
S 3	7 28	23 44	5 16	11 13	1 47	9 9	0 29	19 34	1 3	10 16	1 22	19 36	1 41	12 47	0 42	15 13	1 47	21 36	11 58	13 58	14 16	14 15	0 27	3 39
M 4	7 6	26 27	5 6	10 30	1 47	9 39	0 34	19 24	1 4	10 19	1 22	19 36	1 40	12 46	0 42	15 12	1 47	21 37	11 58	13 59	14 17	14 12	0 30	3 39
T 5	6 44	27 44	4 40	9 46	1 47	10 8	0 38	19 15	1 4	10 22	1 22	19 37	1 40	12 45	0 42	15 12	1 47	21 37	11 58	13 59	14 18	14 9	0 34	3 39
W 6	6 22	27 19	3 57	9 1	1 46	10 37	0 42	19 6	1 5	10 25	1 22	19 38	1 40	12 43	0 42	15 12	1 47	21 38	11 58	13 58	14 19	14 6	0 37	3 38
T 7	5 59	25 8	2 58	8 15	1 44	11 6	0 46	18 56	1 5	10 28	1 22	19 38	1 40	12 42	0 42	15 12	1 48	21 38	11 58	13 58	14 20	14 3	0 40	3 38
F 8	5 37	21 15	1 47	7 29	1 42	11 34	0 50	18 46	1 6	10 30	1 22	19 39	1 39	12 41	0 42	15 12	1 48	21 39	11 58	13 57	14 21	14 1	0 43	3 38
S 9	5 14	15 57	0 27	6 42	1 39	12 3	0 54	18 36	1 6	10 33	1 22	19 40	1 39	12 40	0 42	15 11	1 48	21 39	11 58	13 57	14 22	13 58	0 46	3 38
S 10	4 51	9 38	0s55	5 55	1 36	12 31	0 59	18 26	1 7	10 36	1 22	19 41	1 39	12 38	0 42	15 11	1 48	21 39	11 57	13 57	14 23	13 55	0 49	3 37
M 11	4 29	2 45	2 14	5 8	1 32	12 59	1 3	18 16	1 7	10 39	1 22	19 41	1 39	12 37	0 42	15 11	1 48	21 40	11 57	13 58	14 24	13 52	0 52	3 37
T 12	4 6	4s13	3 23	4 20	1 28	13 26	1 7	18 6	1 8	10 42	1 22	19 42	1 39	12 36	0 42	15 11	1 48	21 40	11 57	13 59	14 25	13 49	0 55	3 37
W 13	3 43	10 49	4 17	3 32	1 24	13 54	1 11	17 56	1 8	10 44	1 22	19 43	1 38	12 35	0 42	15 10	1 48	21 41	11 57	14 0	14 26	13 46	0 59	3 36
T 14	3 20	16 41	4 53	2 45	1 19	14 21	1 16	17 45	1 9	10 47	1 22	19 44	1 38	12 33	0 42	15 10	1 48	21 41	11 57	14 1	14 27	13 43	1 2	3 36
F 15	2 57	21 30	5 11	1 57	1 14	14 47	1 2																	

SWISS EPHEMERIS for the year 2045

OCTOBER 2045

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	0 40 33	8♁13'43	3♁36	24♁24	23♁49	24♁27	3♁R39	7♁21	29♁44	16♁R39	2♁R13	21♁R39	20♁13	24♁50	26♁42
M 2	0 44 30	9°12'42	16°51	25°55	24°54	25° 4	3♁34	7°26	29°47	16♁R38	2♁R12	21♁R35	20°10	24°57	26°51
T 3	0 48 26	10°11'43	0♁22	27°25	25°59	25°41	3°29	7°31	29°50	16°37	2°11	21°32	20° 7	25° 3	26°59
W 4	0 52 23	11°10'47	14° 7	28°55	27° 4	26°17	3°24	7°35	29°53	16°36	2°10	21°D32	20° 3	25°10	27° 8
T 5	0 56 19	12° 9'53	28° 8	0♁24	28° 9	26°54	3°20	7°40	29°56	16°34	2° 9	21°33	20° 0	25°17	27°16
F 6	1 0 16	13° 9'01	12♁25	1°52	29°13	27°31	3°15	7°45	29°59	16°33	2° 8	21°34	19°57	25°23	27°25
S 7	1 4 12	14° 8'11	26°55	3°18	0♁18	28° 7	3°11	7°50	0♁ 2	16°32	2° 8	21°R34	19°54	25°30	27°33
S 8	1 8 9	15° 7'24	11♁36	4°45	1°22	28°44	3° 7	7°56	0° 5	16°30	2° 7	21°32	19°51	25°36	27°42
M 9	1 12 6	16° 6'39	26°21	6°10	2°25	29°21	3° 3	8° 1	0° 8	16°29	2° 6	21°28	19°48	25°43	27°50
T 10	1 16 2	17° 5'56	11♁ 5	7°34	3°29	29°57	2°59	8° 6	0°11	16°27	2° 5	21°22	19°44	25°50	27°59
W 11	1 19 59	18° 5'15	25°38	8°57	4°32	0♁34	2°56	8°11	0°14	16°26	2° 4	21°13	19°41	25°56	28° 7
T 12	1 23 55	19° 4'37	9♁55	10°19	5°35	1°10	2°53	8°17	0°16	16°25	2° 3	21° 4	19°38	26° 3	28°15
F 13	1 27 52	20° 4'00	23°49	11°41	6°38	1°46	2°49	8°22	0°19	16°23	2° 3	20°54	19°35	26°10	28°24
S 14	1 31 48	21° 3'25	7♁18	13° 1	7°41	2°23	2°46	8°28	0°22	16°22	2° 2	20°46	19°32	26°16	28°32
S 15	1 35 45	22° 2'52	20°20	14°20	8°43	2°59	2°44	8°33	0°24	16°20	2° 1	20°39	19°29	26°23	28°40
M 16	1 39 41	23° 2'21	2♁59	15°37	9°45	3°35	2°41	8°39	0°27	16°19	2° 0	20°35	19°25	26°30	28°49
T 17	1 43 38	24° 1'51	15°18	16°54	10°47	4°11	2°39	8°45	0°30	16°17	2° 0	20°33	19°22	26°36	28°57
W 18	1 47 35	25° 1'23	27°21	18° 9	11°48	4°47	2°37	8°50	0°32	16°16	1°59	20°D32	19°19	26°43	29° 5
T 19	1 51 31	26° 0'57	9♁14	19°22	12°49	5°23	2°35	8°56	0°35	16°14	1°58	20°33	19°16	26°50	29°13
F 20	1 55 28	27° 0'33	21° 1	20°34	13°50	5°59	2°33	9° 2	0°37	16°12	1°58	20°R33	19°13	26°56	29°21
S 21	1 59 24	28° 0'10	2♁50	21°45	14°50	6°35	2°31	9° 8	0°40	16°11	1°57	20°32	19° 9	27° 3	29°29
S 22	2 3 21	28°59'50	14°43	22°53	15°50	7°11	2°30	9°14	0°42	16° 9	1°56	20°30	19° 6	27°10	29°37
M 23	2 7 17	29°59'30	26°46	23°59	16°50	7°46	2°29	9°20	0°44	16° 8	1°56	20°24	19° 3	27°16	29°45
T 24	2 11 14	0♁59'13	9°Y 0	25° 3	17°49	8°22	2°28	9°26	0°47	16° 6	1°55	20°16	19° 0	27°23	29°53
W 25	2 15 10	1°58'58	21°29	26° 4	18°48	8°58	2°27	9°32	0°49	16° 4	1°55	20° 5	18°57	27°29	0♁ 1
T 26	2 19 7	2°58'44	4♁12	27° 3	19°46	9°33	2°27	9°38	0°51	16° 3	1°54	19°53	18°54	27°36	0° 9
F 27	2 23 3	3°58'33	17°11	27°58	20°44	10° 9	2°26	9°44	0°53	16° 1	1°54	19°41	18°50	27°43	0°17
S 28	2 27 0	4°58'24	0♁22	28°50	21°42	10°44	2°D26	9°50	0°55	16° 0	1°53	19°28	18°47	27°49	0°24
S 29	2 30 57	5°58'16	13°45	29°38	22°39	11°20	2°26	9°57	0°58	15°58	1°53	19°18	18°44	27°56	0°32
M 30	2 34 53	6°58'11	27°18	0♁22	23°35	11°55	2°27	10° 3	1° 0	15°56	1°52	19°10	18°41	28° 3	0°40
T 31	2 38 50	7♁58'08	11♁ 0	1♁ 1	24♁31	12♁30	2♁27	10♁ 9	1♁ 2	15♁55	1♁52	19♁ 5	18♁38	28♁ 9	0♁48

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	3s16	25n48	5n 2	9s57	0s32	21s 7	2s28	14n35	1n17	11s26	1s21	19s58	1n35	12n14	0n43	15n 5	1s49	21s47	11s56	14s17	14s45	12s51	1s56	3s33
M 2	3 39	27 25	4 39	10 37	0 39	21 27	2 32	14 23	1 18	11 27	1 21	19 59	1 35	12 13	0 43	15 4	1 49	21 47	11 56	14 19	14 46	12 48	2 0	3 32
T 3	4 2	27 27	4 1	11 17	0 47	21 47	2 36	14 11	1 18	11 29	1 21	20 0	1 34	12 12	0 43	15 4	1 49	21 47	11 55	14 19	14 47	12 45	2 3	3 32
W 4	4 25	25 48	3 8	11 56	0 54	22 6	2 40	13 59	1 18	11 31	1 21	20 1	1 34	12 11	0 43	15 3	1 49	21 47	11 55	14 19	14 48	12 42	2 6	3 32
T 5	4 48	22 32	2 3	12 34	1 1	22 25	2 44	13 47	1 19	11 32	1 21	20 2	1 34	12 10	0 43	15 3	1 49	21 48	11 55	14 19	14 49	12 39	2 9	3 32
F 6	5 11	17 52	0 49	13 11	1 8	22 43	2 48	13 35	1 19	11 34	1 20	20 3	1 34	12 9	0 43	15 3	1 49	21 48	11 55	14 19	14 50	12 36	2 13	3 32
S 7	5 34	12 5	0s29	13 48	1 15	23 0	2 52	13 22	1 20	11 35	1 20	20 4	1 34	12 8	0 43	15 2	1 49	21 48	11 55	14 19	14 51	12 33	2 16	3 32
S 8	5 57	5 35	1 46	14 24	1 22	23 18	2 56	13 10	1 20	11 36	1 20	20 5	1 34	12 7	0 43	15 2	1 49	21 48	11 55	14 19	14 52	12 30	2 19	3 31
M 9	6 20	1s14	2 56	14 59	1 29	23 34	2 59	12 58	1 21	11 38	1 20	20 6	1 33	12 6	0 43	15 1	1 49	21 48	11 54	14 21	14 53	12 27	2 22	3 31
T 10	6 43	7 58	3 53	15 33	1 36	23 50	3 3	12 45	1 21	11 39	1 20	20 7	1 33	12 5	0 43	15 1	1 49	21 48	11 54	14 23	14 54	12 24	2 26	3 31
W 11	7 6	14 11	4 35	16 6	1 43	24 6	3 6	12 33	1 22	11 40	1 20	20 8	1 33	12 4	0 43	15 0	1 49	21 49	11 54	14 25	14 55	12 20	2 29	3 31
T 12	7 28	19 31	4 59	16 39	1 49	24 21	3 10	12 20	1 22	11 41	1 20	20 9	1 33	12 3	0 43	15 0	1 49	21 49	11 54	14 28	14 56	12 17	2 32	3 31
F 13	7 51	23 38	5 4	17 10	1 56	24 35	3 13	12 8	1 23	11 42	1 19	20 10	1 33	12 2	0 43	15 0	1 49	21 49	11 54	14 32	14 57	12 14	2 35	3 31
S 14	8 13	26 20	4 52	17 41	2 2	24 49	3 17	11 55	1 23	11 43	1 19	20 11	1 33	12 1	0 43	14 59	1 49	21 49	11 54	14 34	14 58	12 11	2 38	3 31
S 15	8 35	27 30	4 25	18 10	2 8	25 3	3 20	11 43	1 24	11 44	1 19	20 12	1 32	12 0	0 43	14 59	1 49	21 49	11 53	14 36	14 59	12 8	2 42	3 31
M 16	8 57	27 10	3 46	18 39	2 14	25 16	3 23	11 30	1 24	11 45	1 19	20 13	1 32	11 59	0 43	14 58	1 49	21 49	11 53	14 38	15 0	12 5	2 45	3 31
T 17	9 19	25 29	2 57	19 6	2 19	25 28	3 26	11 17	1 25	11 45	1 19	20 14	1 32	11 58	0 43	14 58	1 49	21 49	11 53	14 38	15 1	12 2	2 48	3 30
W 18	9 41	22 40	2 1	19 33	2 25	25 39	3 29	11 4	1 25	11 46	1 19	20 15	1 32	11 57	0 43	14 57	1 49	21 49	11 53	14 39	15 2	11 59	2 51	3 30
T 19	10 3	18 55	1 0	19 58	2 30	25 50	3 32	10 52	1 25	11 47	1 19	20 16	1 32	11 56	0 43	14 57	1 49	21 49	11 53	14 38	15 3	11 56	2 54	3 30
F 20	10 24	14 27	0n 3	20 23	2 35	26 1	3 35	10 39	1 26	11 47	1 18	20 17	1 32	11 56	0 43	14 56	1 49	21 49	11 52	14 38	15 4	11 53	2 57	3 30
S 21	10 46	9 27	1 5	20 45	2 39	26 11	3 38	10 26	1 26	11 47	1 18	20 19	1 31	11 55	0 43	14 56	1 49	21 49	11 52	14 38	15 5	11 50	3 1	3 30
S 22	11 7	4 6	2 5	21 7	2 43	26 20	3 40	10 13	1 27	11 48	1 18	20 20	1 31	11 54	0 43	14 55	1 49	21 49	11 52	14 39	15 6	11 47	3 4	3 30
M 23	11 28	1n28	3 0	21 28	2 47	26 29	3 43	10 0	1 27	11 48	1 18	20 21	1 31	11 53	0 43	14 55	1 49	21 49	11 52	14 41	15 7	11 44	3 7	3 30
T 24	11 49	7 3	3 47	21 47	2 50	26 37	3 45	9 47	1 28	11 48	1 18	20 22	1 31	11 52	0 43	14 54	1 49	21 49	11 52	14 44	15 8	11 40	3 10	3 30
W 25	12 10	12 28	4 25	22 4	2 53	26 44	3 48	9 34	1 28	11 48	1 18	20 23	1 31	11 52	0 43	14 54	1 49	21 49	11 51	14 47	15 9	11 37	3 13	3 30
T 26	12 30	17 28	4 50	22 20	2 55	26 51	3 50	9 21	1 29	11 48	1 17	20 24	1 31	11 51	0 43	14 54	1 49	21 49	11 51	14 51	15 9	11 34	3 16	3 30
F 27	12 50	21 46	5 1	22 35	2 57	26 58	3 52	9 8	1 29	11 48	1 17	20 25	1 31	11 50	0 44	14 53	1 49	21 49	11 51	14 55	15 10	11 31	3 19	3 30
S 28	13 11	25 2	4 56	22 47	2 58	27 4	3 54	8 55	1 30	11 48	1 17	20 26	1 30	11 49	0 44	14 53	1 49	21 49	11 51	14 59	15 11	11 28	3 22	3 30
S 29	13																							

SWISS EPHEMERIS for the year 2045

NOVEMBER 2045

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	2 42 46	8♍58°07'	24♌50	1♂35	25♂27	13♍5	2♂28	10♂16	1♍3	15°R53	1°R52	19°R 3	18♌35	28♌16	0♌55	
T 2	2 46 43	9°58'09"	8♌248	2° 3	26°22	13°41	2°29	10°22	1° 5	15♌51	1♌51	19°D 2	18°31	28°23	1° 3	
F 3	2 50 39	10°58'12"	22°53	2°25	27°16	14°16	2°30	10°29	1° 7	15°50	1°51	19°R 2	18°28	28°29	1°10	
S 4	2 54 36	11°58'18"	7♍5	2°39	28°10	14°51	2°31	10°35	1° 9	15°48	1°51	19♌1	18°25	28°36	1°18	
S 5	2 58 33	12°58'25"	21°22	2°R46	29° 3	15°26	2°32	10°42	1°11	15°46	1°51	18°59	18°22	28°43	1°25	
M 6	3 2 29	13°58'35"	5♌42	2°45	29°56	16° 1	2°34	10°48	1°12	15°44	1°50	18°53	18°19	28°49	1°32	
T 7	3 6 26	14°58'47"	20° 0	2°34	0♌48	16°35	2°36	10°55	1°14	15°43	1°50	18°44	18°15	28°56	1°40	
W 8	3 10 22	15°59'00"	4♍11	2°15	1°39	17°10	2°38	11° 2	1°16	15°41	1°50	18°33	18°12	29° 2	1°47	
T 9	3 14 19	16°59'16"	18°11	1°45	2°30	17°45	2°40	11° 8	1°17	15°39	1°50	18°20	18° 9	29° 9	1°54	
F 10	3 18 15	17°59'33"	1♂52	1° 5	3°19	18°19	2°43	11°15	1°19	15°38	1°50	18° 8	18° 6	29°16	2° 1	
S 11	3 22 12	18°59'52"	15°13	0°16	4° 8	18°54	2°45	11°22	1°20	15°36	1°49	17°56	18° 3	29°22	2° 8	
S 12	3 26 8	20° 0'13"	28°12	29♍18	4°57	19°28	2°48	11°28	1°22	15°34	1°49	17°46	18° 0	29°29	2°15	
M13	3 30 5	21° 0'35"	10♌50	28°11	5°44	20° 3	2°51	11°35	1°23	15°33	1°49	17°39	17°56	29°36	2°22	
T 14	3 34 2	22° 0'59"	26° 9	26°57	6°31	20°37	2°55	11°42	1°24	15°31	1°49	17°35	17°53	29°42	2°29	
W15	3 37 58	23° 1'24"	5♌12	25°39	7°16	21°11	2°58	11°49	1°25	15°29	1°D49	17°33	17°50	29°49	2°35	
T 16	3 41 55	24° 1'50"	17° 5	24°19	8° 1	21°45	3° 2	11°56	1°27	15°28	1°49	17°32	17°47	29°56	2°42	
F 17	3 45 51	25° 2'18"	28°54	22°58	8°45	22°19	3° 6	12° 3	1°28	15°26	1°49	17°32	17°44	0♌2	2°49	
S 18	3 49 48	26° 2'46"	10♌42	21°41	9°27	22°53	3°10	12°10	1°29	15°24	1°49	17°32	17°41	0° 9	2°55	
S 19	3 53 44	27° 3'17"	22°37	20°29	10° 9	23°27	3°14	12°17	1°30	15°23	1°50	17°29	17°37	0°16	3° 2	
M20	3 57 41	28° 3'48"	4♍43	19°24	10°49	24° 1	3°18	12°23	1°31	15°21	1°50	17°24	17°34	0°22	3° 8	
T 21	4 1 37	29° 4'21"	17° 4	18°29	11°28	24°35	3°23	12°30	1°32	15°19	1°50	17°16	17°31	0°29	3°14	
W22	4 5 34	0♌45	29°43	17°45	12° 6	25° 8	3°28	12°37	1°32	15°18	1°50	17° 6	17°28	0°36	3°21	
T 23	4 9 31	1° 5'30"	12♌42	17°12	12°43	25°42	3°33	12°44	1°33	15°16	1°50	16°54	17°25	0°42	3°27	
F 24	4 13 27	2° 6'07"	26° 0	16°51	13°19	26°15	3°38	12°51	1°34	15°15	1°50	16°41	17°21	0°49	3°33	
S 25	4 17 24	3° 6'45"	9♍35	16°D41	13°53	26°49	3°43	12°58	1°35	15°13	1°51	16°29	17°18	0°56	3°39	
S 26	4 21 20	4° 7'25"	23°24	16°42	14°25	27°22	3°49	13° 6	1°35	15°11	1°51	16°18	17°15	1° 2	3°45	
M27	4 25 17	5° 8'06"	7♌23	16°54	14°56	27°55	3°54	13°13	1°36	15°10	1°51	16°11	17°12	1° 9	3°51	
T 28	4 29 13	6° 8'49"	21°28	17°16	15°26	28°28	4° 0	13°20	1°36	15° 8	1°52	16° 6	17° 9	1°15	3°57	
W29	4 33 10	7° 9'33"	5♌37	17°46	15°54	29° 1	4° 6	13°27	1°37	15° 7	1°52	16° 3	17° 6	1°22	4° 2	
T 30	4 37 6	8♌10'18"	19♌45	18♍24	16♌20	29♍34	4♌12	13♌34	1♍37	15♌5	1♌52	16°D 3	17♌2	1♌29	4♌8	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	14s29	23n12	2n 4	23s20	2s55	27s21	4s 0	8n 3	1n31	11s47	1s16	20s30	1n30	11n47	0n44	14n51
T 2	14 48	18 55	0 54	23 22	2 52	27 24	4 1	7 50	1 32	11 46	1 16	20 31	1 30	11 46	0 44	14 50
F 3	15 7	13 34	0s20	23 22	2 47	27 26	4 2	7 37	1 32	11 46	1 16	20 32	1 30	11 45	0 44	14 50
S 4	15 25	7 27	1 34	23 20	2 42	27 28	4 2	7 24	1 33	11 45	1 16	20 33	1 30	11 45	0 44	14 49
S 5	15 44	0 56	2 42	23 15	2 35	27 29	4 3	7 11	1 33	11 45	1 16	20 34	1 29	11 44	0 44	14 49
M 6	16 2	5s37	3 40	23 6	2 27	27 29	4 3	6 58	1 34	11 44	1 15	20 35	1 29	11 44	0 44	14 48
T 7	16 20	11 53	4 24	22 55	2 17	27 30	4 4	6 44	1 34	11 43	1 15	20 36	1 29	11 43	0 44	14 48
W 8	16 37	17 28	4 51	22 40	2 6	27 29	4 4	6 31	1 35	11 42	1 15	20 37	1 29	11 43	0 44	14 47
T 9	16 54	22 2	5 0	22 21	1 53	27 28	4 3	6 18	1 35	11 41	1 15	20 38	1 29	11 42	0 44	14 47
F 10	17 11	25 17	4 52	21 59	1 38	27 27	4 3	6 5	1 36	11 40	1 15	20 39	1 29	11 42	0 44	14 46
S 11	17 28	27 3	4 27	21 33	1 22	27 25	4 2	5 52	1 36	11 39	1 14	20 40	1 29	11 41	0 44	14 46
S 12	17 44	27 15	3 49	21 3	1 5	27 22	4 2	5 39	1 37	11 38	1 14	20 41	1 29	11 41	0 44	14 45
M13	18 0 26	0 3	3 12	20 30	0 46	27 19	4 1	5 26	1 37	11 36	1 14	20 42	1 29	11 40	0 44	14 45
T 14	18 16	23 31	2 5	19 53	0 26	27 16	3 59	5 13	1 38	11 35	1 14	20 43	1 29	11 40	0 44	14 44
W15	18 32	20 1	1 5	19 15	0 5	27 12	3 58	5 0	1 38	11 34	1 14	20 44	1 28	11 39	0 44	14 44
T 16	18 47	15 45	0 2	18 36	0n15	27 7	3 56	4 47	1 38	11 32	1 14	20 45	1 28	11 39	0 44	14 43
F 17	19 1	10 55	1n 0	17 56	0 36	27 2	3 54	4 34	1 39	11 30	1 13	20 46	1 28	11 39	0 44	14 43
S 18	19 16	5 42	2 0	17 18	0 55	26 57	3 52	4 21	1 39	11 29	1 13	20 47	1 28	11 38	0 44	14 42
S 19	19 30	0 15	2 55	16 41	1 14	26 51	3 49	4 8	1 40	11 27	1 13	20 48	1 28	11 38	0 44	14 42
M20	19 44	5n17	3 42	16 8	1 30	26 45	3 46	3 55	1 40	11 25	1 13	20 49	1 28	11 38	0 45	14 42
T 21	19 57	10 43	4 21	15 39	1 45	26 39	3 43	3 42	1 41	11 24	1 13	20 50	1 28	11 37	0 45	14 41
W22	20 10	15 51	4 48	15 14	1 58	26 32	3 40	3 29	1 41	11 22	1 12	20 51	1 28	11 37	0 45	14 41
T 23	20 22	20 25	5 0	14 55	2 8	26 25	3 36	3 16	1 42	11 20	1 12	20 52	1 28	11 37	0 45	14 40
F 24	20 35	24 4	4 57	14 41	2 17	26 17	3 32	3 3	1 42	11 18	1 12	20 53	1 28	11 37	0 45	14 40
S 25	20 47	26 27	4 37	14 31	2 24	26 9	3 27	2 50	1 43	11 16	1 12	20 54	1 28	11 37	0 45	14 39
S 26	20 58	27 17	4 1	14 27	2 28	26 1	3 23	2 38	1 43	11 13	1 12	20 55	1 27	11 36	0 45	14 39
M27	21 9	26 23	3 10	14 28	2 31	25 52	3 18	2 25	1 44	11 11	1 12	20 56	1 27	11 36	0 45	14 38
T 28	21 20	23 48	2 7	14 32	2 33	25 43	3 12	2 12	1 44	11 9	1 11	20 57	1 27	11 36	0 45	14 38
W29	21 30	19 45	0 55	14 40	2 33	25 34	3 6	1 59	1 45	11 6	1 11	20 58	1 27	11 36	0 45	14 38
T 30	21s40	14n35	0s20	14s52	2n32	25s25	3s 0	1n47	1n45	11s 4	1s11	20s59	1n27	11n36	0n45	14n37

Julian Day Number = 2468285.5, Delta T = 113.77 sec
 Ecliptic obliquity = 23°26'07", Nutation = 0°00'10"
 Ayanamsha: Fagan/Bradley = 25°22'51", Lahiri = 24°29'50"

SWISS EPHEMERIS for the year 2045

DECEMBER 2045

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	4 41 3	9♂11'05	3♂52	19♂ 9	16♂44	0♂ 7	4♂19	13♂41	1♂38	15°R 4	1♂53	16°R 3	16♂59	1♂35	4♂13	
S 2	4 45 0	10°11'54	17°57	20° 0	17° 7	0°40	4°25	13°48	1°38	15♂ 2	1°53	16♂ 3	16°56	1°42	4°19	
S 3	4 48 56	11°12'44	1♂58	20°57	17°28	1°12	4°32	13°55	1°38	15° 1	1°54	16° 1	16°53	1°49	4°24	
M 4	4 52 53	12°13'35	15°56	21°58	17°47	1°45	4°39	14° 2	1°38	14°59	1°54	15°57	16°50	1°55	4°29	
T 5	4 56 49	13°14'28	29°47	23° 4	18° 4	2°17	4°46	14° 9	1°38	14°58	1°55	15°50	16°46	2° 2	4°35	
W 6	5 0 46	14°15'22	13♂31	24°13	18°19	2°49	4°53	14°16	1°39	14°56	1°55	15°41	16°43	2° 9	4°40	
T 7	5 4 42	15°16'18	27° 4	25°25	18°32	3°22	5° 0	14°24	1°R39	14°55	1°56	15°30	16°40	2°15	4°45	
F 8	5 8 39	16°17'14	10♂23	26°40	18°42	3°54	5° 8	14°31	1°39	14°53	1°56	15°19	16°37	2°22	4°50	
S 9	5 12 35	17°18'12	23°27	27°57	18°51	4°25	5°15	14°38	1°38	14°52	1°57	15° 9	16°34	2°29	4°54	
S 10	5 16 32	18°19'10	6♂14	29°17	18°57	4°57	5°23	14°45	1°38	14°51	1°58	15° 1	16°31	2°35	4°59	
M11	5 20 29	19°20'10	18°44	0♂37	19° 0	5°29	5°31	14°52	1°38	14°49	1°58	14°55	16°27	2°42	5° 4	
T 12	5 24 25	20°21'10	0♂59	2° 0	19°R 2	6° 1	5°39	14°59	1°38	14°48	1°59	14°51	16°24	2°49	5° 8	
W13	5 28 22	21°22'10	13° 0	3°23	19° 1	6°32	5°48	15° 6	1°37	14°47	2° 0	14°D50	16°21	2°55	5°13	
T 14	5 32 18	22°23'12	24°53	4°48	18°57	7° 3	5°56	15°13	1°37	14°46	2° 0	14°50	16°18	3° 2	5°17	
F 15	5 36 15	23°24'13	6♂41	6°14	18°51	7°34	6° 4	15°20	1°37	14°44	2° 1	14°52	16°15	3° 9	5°21	
S 16	5 40 11	24°25'16	18°29	7°40	18°43	8° 5	6°13	15°27	1°36	14°43	2° 2	14°53	16°12	3°15	5°25	
S 17	5 44 8	25°26'18	0♂23	9° 8	18°31	8°36	6°22	15°34	1°36	14°42	2° 3	14°R53	16° 8	3°22	5°29	
M18	5 48 4	26°27'21	12°29	10°35	18°18	9° 7	6°31	15°41	1°35	14°41	2° 4	14°51	16° 5	3°28	5°33	
T 19	5 52 1	27°28'25	24°50	12° 4	18° 2	9°38	6°40	15°49	1°34	14°40	2° 4	14°47	16° 2	3°35	5°37	
W20	5 55 58	28°29'29	7♂32	13°33	17°43	10° 8	6°49	15°56	1°34	14°38	2° 5	14°42	15°59	3°42	5°40	
T 21	5 59 54	29°30'33	20°36	15° 2	17°23	10°39	6°59	16° 3	1°33	14°37	2° 6	14°35	15°56	3°48	5°44	
F 22	6 3 51	0♂31'37	4♂11	16°32	17° 0	11° 9	7° 8	16° 9	1°32	14°36	2° 7	14°27	15°52	3°55	5°47	
S 23	6 7 47	1°32'42	17°56	18° 2	16°34	11°39	7°18	16°16	1°31	14°35	2° 8	14°19	15°49	4° 2	5°51	
S 24	6 11 44	2°33'48	2♂ 7	19°33	16° 7	12° 9	7°28	16°23	1°30	14°34	2° 9	14°13	15°46	4° 8	5°54	
M25	6 15 40	3°34'54	16°32	21° 4	15°38	12°39	7°37	16°30	1°29	14°33	2°10	14° 8	15°43	4°15	5°57	
T 26	6 19 37	4°36'00	1♂ 5	22°35	15° 7	13° 8	7°47	16°37	1°28	14°32	2°11	14° 6	15°40	4°22	6° 0	
W27	6 23 34	5°37'06	15°41	24° 6	14°35	13°38	7°58	16°44	1°27	14°31	2°12	14°D 5	15°37	4°28	6° 3	
T 28	6 27 30	6°38'14	0♂12	25°38	14° 1	14° 7	8° 8	16°51	1°26	14°30	2°13	14° 6	15°33	4°35	6° 6	
F 29	6 31 27	7°39'21	14°36	27°10	13°27	14°36	8°18	16°58	1°25	14°30	2°14	14° 7	15°30	4°42	6° 8	
S 30	6 35 23	8°40'29	28°49	28°42	12°51	15° 5	8°29	17° 5	1°24	14°29	2°15	14° 9	15°27	4°48	6°11	
S 31	6 39 20	9♂41'38	12♂49	0♂15	12♂15	15♂34	8♂39	17♂11	1♂22	14♂28	2♂16	14°R 9	15♂24	4♂55	6♂13	

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	21s49	8n38	1s33	15s 6	2n30	25s15	2s53	1n34	1n46	11s 2	1s11	21s 0	1n27	11n36	0n45	14n37	1s49	21s42	11s42	16s 1	15s45	9s41	4s54	3s31
S 2	21 58	2 17	2 41	15 23	2 27	25 5	2 46	1 22	1 46	10 59	1 11	21 1	1 27	11 36	0 45	14 36	1 49	21 41	11 42	16 1	15 45	9 38	4 56	3 31
S 3	22 7	4s 8	3 39	15 42	2 23	24 55	2 39	1 9	1 47	10 56	1 10	21 2	1 27	11 36	0 45	14 36	1 49	21 41	11 42	16 2	15 46	9 35	4 58	3 31
M 4	22 15	10 19	4 24	16 2	2 18	24 45	2 31	0 57	1 47	10 54	1 10	21 3	1 27	11 36	0 45	14 36	1 49	21 41	11 42	16 3	15 47	9 32	5 1	3 31
T 5	22 23	15 57	4 52	16 23	2 13	24 34	2 23	0 44	1 47	10 51	1 10	21 3	1 27	11 36	0 45	14 35	1 49	21 40	11 41	16 5	15 48	9 29	5 3	3 31
W 6	22 30	20 43	5 4	16 46	2 7	24 24	2 14	0 32	1 48	10 48	1 10	21 4	1 27	11 36	0 45	14 35	1 49	21 40	11 41	16 8	15 49	9 26	5 5	3 31
T 7	22 37	24 19	4 58	17 9	2 1	24 13	2 5	0 19	1 48	10 45	1 10	21 5	1 27	11 36	0 45	14 34	1 49	21 39	11 41	16 11	15 50	9 23	5 7	3 31
F 8	22 44	26 33	4 36	17 33	1 55	24 2	1 55	0 7	1 49	10 43	1 10	21 6	1 27	11 36	0 45	14 34	1 49	21 39	11 41	16 14	15 51	9 19	5 9	3 31
S 9	22 50	27 15	3 59	17 57	1 48	23 51	1 45	0s 5	1 49	10 40	1 9	21 7	1 27	11 36	0 45	14 34	1 49	21 39	11 40	16 17	15 52	9 16	5 11	3 31
S 10	22 55	26 29	3 12	18 21	1 41	23 39	1 35	0 17	1 50	10 37	1 9	21 8	1 27	11 36	0 45	14 33	1 49	21 38	11 40	16 20	15 53	9 13	5 13	3 31
M11	23 0	24 22	2 15	18 45	1 34	23 28	1 24	0 29	1 50	10 33	1 9	21 9	1 27	11 36	0 45	14 33	1 49	21 38	11 40	16 22	15 54	9 10	5 15	3 32
T 12	23 5	21 8	1 14	19 9	1 26	23 16	1 12	0 41	1 51	10 30	1 9	21 9	1 27	11 36	0 46	14 33	1 49	21 37	11 40	16 23	15 55	9 7	5 17	3 32
W13	23 9	17 4	0 10	19 32	1 19	23 5	1 0	0 53	1 51	10 27	1 9	21 10	1 26	11 36	0 46	14 32	1 49	21 37	11 39	16 23	15 56	9 3	5 19	3 32
T 14	23 13	12 23	0n54	19 55	1 11	22 53	0 48	1 5	1 52	10 24	1 9	21 11	1 26	11 36	0 46	14 32	1 49	21 36	11 39	16 23	15 57	9 0	5 20	3 32
F 15	23 16	7 17	1 55	20 18	1 4	22 41	0 35	1 17	1 52	10 21	1 9	21 12	1 26	11 37	0 46	14 32	1 49	21 36	11 39	16 22	15 58	8 57	5 22	3 32
S 16	23 19	1 55	2 51	20 40	0 56	22 29	0 22	1 29	1 53	10 17	1 8	21 13	1 26	11 37	0 46	14 31	1 49	21 35	11 39	16 22	15 59	8 54	5 24	3 32
S 17	23 21	3n32	3 41	21 1	0 49	22 17	0 8	1 41	1 53	10 14	1 8	21 13	1 26	11 37	0 46	14 31	1 48	21 35	11 39	16 22	16 0	8 51	5 26	3 32
M18	23 23	8 56	4 21	21 21	0 41	22 5	0n 6	1 52	1 54	10 10	1 8	21 14	1 26	11 37	0 46	14 31	1 48	21 34	11 38	16 23	16 1	8 48	5 27	3 32
T 19	23 25	14 7	4 50	21 41	0 33	21 53	0 20	2 4	1 54	10 7	1 8	21 15	1 26	11 38	0 46	14 30	1 48	21 34	11 38	16 24	16 2	8 44	5 29	3 32
W20	23 26	18 50	5 6	22 0	0 26	21 41	0 35	2 15	1 55	10 3	1 8	21 16	1 26	11 38	0 46	14 30	1 48	21 33	11 38	16 25	16 3	8 41	5 30	3 33
T 21	23 26	22 50	5 7	22 17	0 18	21 29	0 50	2 27	1 55	10 0	1 8	21 16	1 26	11 38	0 46	14 30	1 48	21 33	11 38	16 27	16 4	8 38	5 32	3 33
F 22	23 26	25 43	4 51	22 34	0 11	21 17	1 5	2 38	1 56	9 56	1 8	21 17	1 26	11 39	0 46	14 30	1 48	21 32	11 37	16 30	16 4	8 35	5 33	3 33
S 23	23 26	27 10	4 18	22 50	0 4	21 5	1 21	2 49	1 56	9 52	1 7	21 18	1 26	11 39	0 46	14 29	1 48	21 31	11 37	16 32	16 5	8 32	5 35	3 33
S 24	23 25	26 53	3 28	23 5	0s 3	20 52	1 36																	