

SWISS EPHEMERIS for the year 2053

JANUARY 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	6 44 28	11♌1'37	18♌27	7♌11	23♌4	5♌16	2♌32	29♌0	5♌6	0°R28	11♌20	29°R31	29♌56	19♌55	7♌29	
T 2	6 48 24	12° 2'45	3♌13	8°47	24°19	5°36	2°40	29° 5	5° 7	0♌27	11°21	29♌24	29°53	20° 2	7°35	
F 3	6 52 21	13° 3'53	18°18	10°22	25°34	5°57	2°48	29°11	5° 7	0°26	11°22	29°14	29°50	20° 8	7°41	
S 4	6 56 17	14° 5'01	3♌33	11°58	26°50	6°18	2°55	29°17	5° 7	0°24	11°23	29° 3	29°47	20°15	7°48	
S 5	7 0 14	15° 6'08	18°48	13°35	28° 5	6°39	3° 3	29°23	5° 7	0°23	11°24	28°52	29°44	20°22	7°54	
M 6	7 4 10	16° 7'16	3♌50	15°11	29°20	7° 1	3°11	29°29	5° 8	0°22	11°25	28°42	29°41	20°29	8° 0	
T 7	7 8 7	17° 8'24	18°31	16°49	0♌36	7°23	3°18	29°35	5° 8	0°21	11°26	28°34	29°37	20°35	8° 6	
W 8	7 12 4	18° 9'31	2♌45	18°26	1°51	7°46	3°25	29°41	5° 8	0°20	11°27	28°29	29°34	20°42	8°12	
T 9	7 16 0	19°10'39	16°29	20° 4	3° 6	8° 9	3°32	29°47	5°R 8	0°19	11°28	28°26	29°31	20°49	8°19	
F 10	7 19 57	20°11'47	29°44	21°42	4°21	8°32	3°39	29°53	5° 8	0°18	11°29	28°D26	29°28	20°55	8°25	
S 11	7 23 53	21°12'54	12♌33	23°21	5°37	8°56	3°46	29°59	5° 8	0°17	11°30	28°26	29°25	21° 2	8°31	
S 12	7 27 50	22°14'02	25° 0	25° 0	6°52	9°20	3°53	0♌6	5° 8	0°16	11°31	28°R26	29°21	21° 9	8°37	
M13	7 31 46	23°15'10	7♌10	26°40	8° 7	9°44	3°59	0°12	5° 7	0°15	11°33	28°25	29°18	21°16	8°43	
T 14	7 35 43	24°16'18	19° 9	28°20	9°22	10° 9	4° 6	0°18	5° 7	0°15	11°34	28°22	29°15	21°22	8°49	
W15	7 39 39	25°17'25	1♌2	0♌1	10°38	10°34	4°12	0°25	5° 7	0°14	11°35	28°16	29°12	21°29	8°55	
T 16	7 43 36	26°18'32	12°52	1°42	11°53	10°59	4°18	0°31	5° 6	0°13	11°36	28° 8	29° 9	21°36	9° 1	
F 17	7 47 33	27°19'40	24°43	3°23	13° 8	11°24	4°24	0°37	5° 6	0°12	11°37	27°57	29° 6	21°43	9° 7	
S 18	7 51 29	28°20'46	6♌38	5° 5	14°24	11°50	4°30	0°44	5° 5	0°11	11°39	27°45	29° 2	21°49	9°13	
S 19	7 55 26	29°21'53	18°38	6°47	15°39	12°16	4°35	0°51	5° 5	0°11	11°40	27°33	28°59	21°56	9°19	
M20	7 59 22	0♌22'58	0♌46	8°29	16°54	12°42	4°41	0°57	5° 4	0°10	11°41	27°22	28°56	22° 3	9°25	
T 21	8 3 19	1°24'03	13° 0	10°12	18°10	13° 9	4°46	1° 4	5° 4	0° 9	11°42	27°12	28°53	22° 9	9°31	
W22	8 7 15	2°25'08	25°24	11°54	19°25	13°35	4°51	1°10	5° 3	0° 9	11°44	27° 5	28°50	22°16	9°37	
T 23	8 11 12	3°26'11	7♌57	13°37	20°40	14° 2	4°56	1°17	5° 2	0° 8	11°45	27° 1	28°46	22°23	9°43	
F 24	8 15 8	4°27'14	20°40	15°20	21°55	14°30	5° 1	1°24	5° 1	0° 8	11°46	26°59	28°43	22°30	9°49	
S 25	8 19 5	5°28'16	3♌37	17° 3	23°11	14°57	5° 6	1°31	5° 1	0° 7	11°48	26°D59	28°40	22°36	9°55	
S 26	8 23 2	6°29'16	16°48	18°45	24°26	15°25	5°10	1°38	5° 0	0° 7	11°49	27° 0	28°37	22°43	10° 0	
M27	8 26 58	7°30'16	0♌16	20°27	25°41	15°53	5°14	1°44	4°59	0° 6	11°50	27° 1	28°34	22°50	10° 6	
T 28	8 30 55	8°31'14	14° 3	22° 7	26°57	16°21	5°18	1°51	4°58	0° 6	11°52	27°R 1	28°31	22°56	10°12	
W29	8 34 51	9°32'12	28°10	23°47	28°12	16°50	5°22	1°58	4°57	0° 5	11°53	26°59	28°27	23° 3	10°17	
T 30	8 38 48	10°33'08	12♌36	25°26	29°27	17°18	5°26	2° 5	4°55	0° 5	11°55	26°56	28°24	23°10	10°23	
F 31	8 42 44	11°34'02	27♌17	27° 3	0♌42	17♌47	5♌30	2♌12	4♌54	0♌5	11°56	26°50	28♌21	23♌17	10♌29	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	22s58	13n40	3s48	24s41	1s27	22s45	0n30	14n27	1n15	11s12	1n13	13s12	1s29	1s21	0n44	18n34	1s43	19s41	13s25	0n12	0n 1	18s 0	17s20	5n53
T 2	22 53	16 22	4 31	24 40	1 32	22 51	0 27	14 34	1 16	11 15	1 13	13 10	1 29	1 21	0 45	18 34	1 43	19 40	13 25	0 14	0 3	18 0	17 20	5 53
F 3	22 47	18 0	4 56	24 38	1 36	22 56	0 25	14 42	1 17	11 18	1 13	13 8	1 28	1 21	0 45	18 34	1 42	19 40	13 25	0 18	0 4	18 0	17 19	5 54
S 4	22 41	18 23	5 0	24 34	1 41	23 1	0 22	14 50	1 18	11 20	1 13	13 6	1 28	1 21	0 45	18 33	1 42	19 39	13 25	0 23	0 5	18 1	17 19	5 54
S 5	22 34	17 26	4 43	24 28	1 45	23 5	0 20	14 58	1 19	11 23	1 13	13 4	1 28	1 21	0 45	18 33	1 42	19 38	13 24	0 27	0 6	18 1	17 18	5 54
M 6	22 27	15 17	4 7	24 21	1 48	23 8	0 17	15 6	1 19	11 25	1 14	13 2	1 28	1 21	0 45	18 33	1 42	19 38	13 24	0 31	0 8	18 1	17 18	5 54
T 7	22 20	12 11	3 15	24 13	1 51	23 11	0 15	15 14	1 20	11 27	1 14	13 0	1 28	1 21	0 45	18 33	1 42	19 37	13 24	0 34	0 9	18 2	17 17	5 54
W 8	22 12	8 26	2 12	24 3	1 55	23 13	0 12	15 22	1 21	11 30	1 14	12 57	1 28	1 21	0 45	18 33	1 42	19 36	13 24	0 36	0 10	18 2	17 17	5 54
T 9	22 4	4 22	1 3	23 52	1 57	23 14	0 10	15 31	1 22	11 32	1 14	12 55	1 28	1 21	0 45	18 33	1 42	19 36	13 23	0 37	0 12	18 2	17 16	5 54
F 10	21 55	0 13	0n 7	23 39	2 0	23 14	0 7	15 39	1 23	11 34	1 14	12 53	1 28	1 21	0 45	18 32	1 42	19 35	13 23	0 37	0 13	18 3	17 16	5 55
S 11	21 45	3s49	1 14	23 25	2 2	23 14	0 5	15 47	1 23	11 36	1 14	12 51	1 28	1 21	0 45	18 32	1 42	19 35	13 23	0 37	0 14	18 3	17 15	5 55
S 12	21 36	7 33	2 16	23 9	2 3	23 13	0 2	15 55	1 24	11 38	1 15	12 49	1 28	1 21	0 45	18 32	1 42	19 34	13 23	0 37	0 15	18 3	17 15	5 55
M13	21 26	10 54	3 11	22 51	2 5	23 11	0s 0	16 4	1 25	11 40	1 15	12 46	1 28	1 21	0 45	18 32	1 42	19 33	13 23	0 38	0 17	18 3	17 14	5 55
T 14	21 15	13 43	3 56	22 32	2 6	23 9	0 3	16 12	1 25	11 42	1 15	12 44	1 28	1 21	0 45	18 32	1 42	19 33	13 22	0 39	0 18	18 4	17 14	5 55
W15	21 4	15 57	4 30	22 12	2 6	23 6	0 5	16 21	1 26	11 44	1 15	12 42	1 28	1 21	0 45	18 32	1 42	19 32	13 22	0 41	0 19	18 4	17 13	5 55
T 16	20 53	17 29	4 53	21 50	2 6	23 2	0 8	16 29	1 27	11 46	1 15	12 39	1 28	1 20	0 45	18 32	1 42	19 31	13 22	0 45	0 20	18 4	17 12	5 56
F 17	20 41	18 17	5 3	21 26	2 6	22 57	0 10	16 38	1 27	11 48	1 16	12 37	1 28	1 20	0 45	18 32	1 42	19 31	13 22	0 49	0 22	18 5	17 12	5 56
S 18	20 29	18 16	5 0	21 1	2 5	22 52	0 13	16 46	1 28	11 49	1 16	12 35	1 28	1 20	0 45	18 31	1 42	19 30	13 22	0 54	0 23	18 5	17 11	5 56
S 19	20 17	17 27	4 43	20 34	2 4	22 46	0 15	16 55	1 28	11 51	1 16	12 32	1 28	1 20	0 45	18 31	1 42	19 29	13 21	0 58	0 24	18 5	17 11	5 56
M20	20 4	15 51	4 14	20 6	2 2	22 39	0 18	17 3	1 29	11 53	1 16	12 30	1 28	1 19	0 45	18 31	1 42	19 29	13 21	1 3	0 25	18 5	17 10	5 57
T 21	19 50	13 30	3 33	19 36	2 0	22 32	0 20	17 12	1 29	11 54	1 16	12 28	1 28	1 19	0 45	18 31	1 42	19 28	13 21	1 7	0 27	18 6	17 9	5 57
W22	19 37	10 31	2 41	19 5	1 57	22 24	0 23	17 20	1 30	11 56	1 17	12 25	1 28	1 19	0 45	18 31	1 41	19 27	13 21	1 9	0 28	18 6	17 9	5 57
T 23	19 23	7 2	1 40	18 32	1 54	22 15	0 25	17 29	1 30	11 57	1 17	12 23	1 28	1 18	0 45	18 31	1 41	19 27	13 21	1 11	0 29	18 6	17 8	5 57
F 24	19 8	3 11	0 34	17 58	1 49	22 6	0 27	17 38	1 31	11 59	1 17	12 21	1 28	1 18	0 45	18 31	1 41	19 26	13 20	1 12	0 30	18 7	17 7	5 58
S 25	18 54	0n53	0s36	17 23	1 45	21 56	0 30	17 46	1 31	12 0	1 17	12 18	1 28	1 18	0 45	18 31	1 41	19 25	13 20	1 12	0 32	18 7	17 7	5 58
S 26	18 39	4 59	1 45	16 46	1 39	21 45	0 32	17 55	1 32	12 1	1 17	12 16	1 28	1 17	0 45	18 31	1 41	19 25	13 20	1 12	0 33	18 7	17 6	5 58
M27	18 23	8 55	2 49	16 9	1 33	21 33	0 34	18 3	1 32	12 3	1 18	12 13	1 28	1 17	0 45	18 31	1 41	19 24	13 20	1 11	0 34	18 7	17 5	5 58
T 28	18 8	12 27	3 46	15 30	1 27	21 21	0 36	18 12	1 32	12 4	1 18	12 11	1 28	1 16	0 45	18 31	1 41	19 23	13 20	1 11	0 36	18 8	17 5	5 59
W29	17 51	15 21	4 30	14 50	1 19	21 9	0 38	18																

SWISS EPHEMERIS for the year 2053

FEBRUARY 2053

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	8 46 41	12 ³³ 4'56	12 ²⁸ 8	28 ³³ 37	1 ³³ 58	18 ¹⁸ 16	5 ³³ 33	2 ³³ 19	4 ³³ R53	0 ³³ R 4	11 ³³ 58	26 ³³ R43	28 ³³ 18	23 ³³ 23	10 ³³ 34
S 2	8 50 38	13 ³³ 35'49	27° 1	0 ³³ 9	3°13	18°45	5°36	2°26	4 ³³ 52	0 ³³ II 4	11°59	26 ³³ 18	28°15	23°30	10°40
M 3	8 54 34	14 ³³ 36'40	11 ³³ Ω48	1°38	4°28	19°14	5°40	2°33	4°50	0° 4	12° 0	26°30	28°12	23°37	10°45
T 4	8 58 31	15 ³³ 37'30	26°20	3° 4	5°43	19°44	5°42	2°40	4°49	0° 4	12° 2	26°25	28° 8	23°44	10°51
W 5	9 2 27	16 ³³ 38'19	10 ³³ 18	4°24	6°58	20°14	5°45	2°48	4°48	0° 4	12° 3	26°22	28° 5	23°50	10°56
T 6	9 6 24	17 ³³ 39'07	24°17	5°40	8°14	20°44	5°48	2°55	4°46	0° 4	12° 5	26°D21	28° 2	23°57	11° 2
F 7	9 10 20	18 ³³ 39'54	7 ³³ 13	6°50	9°29	21°14	5°50	3° 2	4°45	0° 4	12° 6	26°21	27°59	24° 4	11° 7
S 8	9 14 17	19 ³³ 40'40	20°32	7°54	10°44	21°44	5°52	3° 9	4°43	0° 3	12° 8	26°23	27°56	24°10	11°12
S 9	9 18 13	20 ³³ 41'25	3 ³³ 5	8°50	11°59	22°14	5°54	3°16	4°42	0°D 3	12° 9	26°24	27°52	24°17	11°17
M 10	9 22 10	21 ³³ 42'09	15°20	9°38	13°14	22°45	5°56	3°23	4°40	0° 4	12°11	26°25	27°49	24°24	11°23
T 11	9 26 6	22 ³³ 42'51	27°23	10°17	14°30	23°15	5°58	3°31	4°38	0° 4	12°13	26°R26	27°46	24°31	11°28
W 12	9 30 3	23 ³³ 43'33	9 ³³ 17	10°47	15°45	23°46	5°59	3°38	4°36	0° 4	12°14	26°24	27°43	24°37	11°33
T 13	9 34 0	24 ³³ 44'14	21° 9	11° 7	17° 0	24°17	6° 0	3°45	4°35	0° 4	12°16	26°21	27°40	24°44	11°38
F 14	9 37 56	25 ³³ 44'54	3 ³³ 1	11°R16	18°15	24°48	6° 1	3°52	4°33	0° 4	12°17	26°17	27°37	24°51	11°43
S 15	9 41 53	26 ³³ 45'32	14°59	11°15	19°30	25°19	6° 2	4° 0	4°31	0° 4	12°19	26°12	27°33	24°58	11°48
S 16	9 45 49	27 ³³ 46'10	27° 4	11° 4	20°45	25°51	6° 3	4° 7	4°29	0° 4	12°20	26° 7	27°30	25° 4	11°53
M 17	9 49 46	28 ³³ 46'46	9 ³³ 20	10°42	22° 1	26°22	6° 3	4°14	4°27	0° 5	12°22	26° 2	27°27	25°11	11°57
T 18	9 53 42	29 ³³ 47'20	21°47	10°10	23°16	26°54	6° 4	4°21	4°25	0° 5	12°24	25°58	27°24	25°18	12° 2
W 19	9 57 39	0 ³³ 47'53	4 ³³ 27	9°30	24°31	27°25	6°R 4	4°29	4°23	0° 5	12°25	25°55	27°21	25°24	12° 7
T 20	10 1 35	1°48'24	17°20	8°41	25°46	27°57	6° 4	4°36	4°21	0° 6	12°27	25°53	27°18	25°31	12°12
F 21	10 5 32	2°48'54	0 ³³ 26	7°46	27° 1	28°29	6° 3	4°43	4°19	0° 6	12°28	25°D53	27°14	25°38	12°16
S 22	10 9 29	3°49'22	13°43	6°46	28°16	29° 1	6° 3	4°51	4°17	0° 7	12°30	25°54	27°11	25°45	12°21
S 23	10 13 25	4°49'48	27°13	5°42	29°31	29°33	6° 2	4°58	4°15	0° 7	12°32	25°55	27° 8	25°51	12°25
M 24	10 17 22	5°50'12	10 ³³ 55	4°36	0 ³³ 46	0 ³³ II 6	6° 2	5° 5	4°13	0° 8	12°33	25°57	27° 5	25°58	12°30
T 25	10 21 18	6°50'35	24°48	3°31	2° 1	0°38	6° 1	5°13	4°11	0° 8	12°35	25°58	27° 2	26° 5	12°34
W 26	10 25 15	7°50'55	8 ³³ 52	2°26	3°16	1°11	5°59	5°20	4° 8	0° 9	12°36	25°R58	26°58	26°11	12°38
T 27	10 29 11	8°51'14	23° 5	1°25	4°31	1°43	5°58	5°27	4° 6	0° 9	12°38	25°58	26°55	26°18	12°43
F 28	10 33 8	9 ³³ 51'30	7 ³³ 25	0 ³³ 27	5 ³³ 46	2 ³³ II 16	5 ³³ 56	5 ³³ 34	4 ³³ 4	0 ³³ II 10	12 ³³ 40	25 ³³ 57	26 ³³ 52	26 ³³ 25	12 ³³ 47

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂						
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
S 1	17s 1	17n56	4s57	12s46	0s52	20s27	0s45	18n46	1n34	12s 8	1n19	12s 1	1s28	1s15	0n46	18n31	1s41	19s21	13s19	1n18	0n41	18s 9	17s 2	6n 0
S 2	16 44	16 23	4 26	12 3	0 41	20 11	0 47	18 54	1 34	12 9	1 19	11 58	1 28	1 14	0 46	18 31	1 41	19 20	13 19	1 21	0 42	18 9	17 1	6 0
M 3	16 27	13 45	3 38	11 21	0 30	19 56	0 49	19 3	1 34	12 9	1 19	11 56	1 28	1 13	0 46	18 31	1 41	19 19	13 19	1 24	0 43	18 9	17 0	6 1
T 4	16 9	10 18	2 35	10 39	0 17	19 39	0 51	19 11	1 35	12 10	1 19	11 53	1 28	1 13	0 46	18 31	1 41	19 19	13 19	1 26	0 44	18 9	16 59	6 1
W 5	15 51	6 19	1 25	9 58	0 4	19 22	0 53	19 19	1 35	12 11	1 20	11 51	1 28	1 12	0 46	18 31	1 41	19 18	13 19	1 27	0 46	18 10	16 59	6 1
T 6	15 32	2 6	0 11	9 17	0n 9	19 5	0 55	19 28	1 35	12 12	1 20	11 48	1 28	1 12	0 46	18 31	1 41	19 17	13 19	1 27	0 47	18 10	16 58	6 2
F 7	15 14	2s 5	1n 1	8 38	0 24	18 47	0 56	19 36	1 36	12 12	1 20	11 45	1 28	1 11	0 46	18 31	1 41	19 17	13 19	1 27	0 48	18 10	16 57	6 2
S 8	14 55	6 2	2 8	8 0	0 39	18 28	0 58	19 44	1 36	12 13	1 20	11 43	1 28	1 10	0 46	18 31	1 40	19 16	13 19	1 26	0 49	18 10	16 56	6 2
S 9	14 35	9 36	3 7	7 25	0 54	18 9	1 0	19 52	1 36	12 13	1 20	11 40	1 28	1 10	0 46	18 31	1 40	19 15	13 19	1 26	0 51	18 11	16 55	6 3
M 10	14 16	12 40	3 56	6 52	1 10	17 49	1 2	20 0	1 36	12 13	1 21	11 38	1 28	1 9	0 46	18 31	1 40	19 15	13 18	1 25	0 52	18 11	16 55	6 3
T 11	13 56	15 8	4 33	6 22	1 27	17 29	1 3	20 8	1 36	12 14	1 21	11 35	1 28	1 8	0 46	18 31	1 40	19 14	13 18	1 25	0 53	18 11	16 54	6 4
W 12	13 36	16 55	4 58	5 56	1 43	17 9	1 5	20 16	1 37	12 14	1 21	11 33	1 28	1 8	0 46	18 31	1 40	19 13	13 18	1 26	0 54	18 11	16 53	6 4
T 13	13 16	17 58	5 11	5 33	1 59	16 47	1 6	20 24	1 37	12 14	1 21	11 30	1 28	1 7	0 46	18 31	1 40	19 13	13 18	1 27	0 56	18 11	16 52	6 4
F 14	12 56	18 14	5 10	5 15	2 15	16 26	1 8	20 32	1 37	12 14	1 22	11 27	1 28	1 6	0 46	18 32	1 40	19 12	13 18	1 29	0 57	18 12	16 51	6 5
S 15	12 35	17 41	4 56	5 1	2 30	16 4	1 9	20 39	1 37	12 15	1 22	11 25	1 28	1 5	0 46	18 32	1 40	19 11	13 18	1 31	0 58	18 12	16 51	6 5
S 16	12 15	16 21	4 28	4 52	2 45	15 41	1 11	20 47	1 37	12 15	1 22	11 22	1 28	1 5	0 46	18 32	1 40	19 11	13 18	1 33	1 0	18 12	16 50	6 6
M 17	11 54	14 15	3 48	4 48	2 59	15 18	1 12	20 55	1 37	12 14	1 22	11 19	1 28	1 4	0 46	18 32	1 40	19 10	13 18	1 35	1 1	18 12	16 49	6 6
T 18	11 32	11 27	2 56	4 48	3 11	14 55	1 13	21 2	1 38	12 14	1 22	11 17	1 28	1 3	0 46	18 32	1 40	19 9	13 18	1 36	1 2	18 12	16 48	6 6
W 19	11 11	8 5	1 55	4 54	3 21	14 31	1 15	21 10	1 38	12 14	1 23	11 14	1 28	1 2	0 46	18 32	1 40	19 9	13 18	1 37	1 3	18 13	16 47	6 7
T 20	10 50	4 17	0 47	5 4	3 30	14 7	1 16	21 17	1 38	12 14	1 23	11 12	1 28	1 1	0 46	18 32	1 40	19 8	13 18	1 38	1 5	18 13	16 46	6 7
F 21	10 28	0 13	0s25	5 18	3 36	13 42	1 17	21 24	1 38	12 14	1 23	11 9	1 29	1 1	0 46	18 32	1 40	19 7	13 18	1 38	1 6	18 13	16 45	6 8
S 22	10 6	3n56	1 37	5 36	3 41	13 17	1 18	21 32	1 38	12 13	1 23	11 6	1 29	1 0	0 46	18 33	1 40	19 7	13 18	1 38	1 7	18 13	16 45	6 8
S 23	9 44	7 55	2 44	5 57	3 43	12 52	1 19	21 39	1 38	12 13	1 23	11 4	1 29	0 59	0 46	18 33	1 40	19 6	13 18	1 37	1 8	18 13	16 44	6 9
M 24	9 22	11 33	3 43	6 21	3 43	12 26	1 20	21 46	1 38	12 12	1 24	11 1	1 29	0 58	0 46	18 33	1 39	19 5	13 18	1 37	1 10	18 14	16 43	6 9
T 25	9 0	14 35	4 30	6 47	3 41	12 0	1 21	21 53	1 38	12 12	1 24	10 58	1 29	0 57	0 46	18 33	1 39	19 5	13 18	1 36	1 11	18 14	16 42	6 10
W 26	8 37	16 48	5 2	7 14	3 36	11 34	1 21	21 59	1 38	12 11	1 24	10 56	1 29	0 56	0 46	18 33	1 39	19 4	13 18	1 36	1 12	18 14	16 41	6 10
T 27	8 15	18 0	5 15	7 42	3 30	11 7	1 22	22 6	1 38	12 11	1 24	10 53	1 29	0 55	0 46	18 33	1 39	19 4	13 18	1 36	1 13	18 14	16 40	6 11
F 28	7s52	18n 4	5s 9	8s10	3n22	10s40	1s23	22n13	1n38	12s10	1n25	10s51	1s29	0s54	0n46	18n34	1s39	19s 3	13s18	1n37	1n15	18s14	16s39	6n11

Julian Day Number = 2470934.5, Delta T = 126.50 sec
 Ecliptic obliquity = 23°25'47", Nutation = 0°00'01"
 Ayanamsha: Fagan/Bradley = 25°28'55", Lahiri

SWISS EPHEMERIS for the year 2053

MARCH 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	10 37 4	10 ^h 51 ^m 45 ^s	21 ^h 50 ^m	29 ^h R35	7 ^h 1	2 ^h II49	5 ^h R55	5 ^h 42	4 ^h R 2	0 ^h II11	12 ^h 41	25 ^h R55	26 ^h 49	26 ^h 32	12 ^h 51	
S 2	10 41 1	11 ^h 51 ^m 57 ^s	6 ^h 13	28 ^h 48	8 ^h 16	3 ^h 22	5 ^h M53	5 ^h 49	3 ^h 59	0 ^h 11	12 ^h 43	25 ^h 53	26 ^h 46	26 ^h 38	12 ^h 55	
M 3	10 44 58	12 ^h 52 ^m 08 ^s	20 ^h 31	28 ^h 8	9 ^h 31	3 ^h 55	5 ^h 50	5 ^h 56	3 ^h 57	0 ^h 12	12 ^h 44	25 ^h 51	26 ^h 43	26 ^h 45	12 ^h 59	
T 4	10 48 54	13 ^h 52 ^m 16 ^s	4 ^h 39	27 ^h 34	10 ^h 46	4 ^h 28	5 ^h 48	6 ^h 4	3 ^h 54	0 ^h 13	12 ^h 46	25 ^h 50	26 ^h 39	26 ^h 52	13 ^h 3	
W 5	10 52 51	14 ^h 52 ^m 23 ^s	18 ^h 31	27 ^h 8	12 ^h 1	5 ^h 1	5 ^h 46	6 ^h 11	3 ^h 52	0 ^h 14	12 ^h 48	25 ^h 49	26 ^h 36	26 ^h 59	13 ^h 7	
T 6	10 56 47	15 ^h 52 ^m 28 ^s	2 ^h 6	26 ^h 48	13 ^h 16	5 ^h 34	5 ^h 43	6 ^h 18	3 ^h 50	0 ^h 15	12 ^h 49	25 ^h D49	26 ^h 33	27 ^h 5	13 ^h 11	
F 7	11 0 44	16 ^h 52 ^m 31 ^s	15 ^h 20	26 ^h 36	14 ^h 31	6 ^h 7	5 ^h 40	6 ^h 25	3 ^h 47	0 ^h 15	12 ^h 51	25 ^h 50	26 ^h 30	27 ^h 12	13 ^h 14	
S 8	11 4 40	17 ^h 52 ^m 32 ^s	28 ^h 14	26 ^h D30	15 ^h 46	6 ^h 41	5 ^h 37	6 ^h 33	3 ^h 45	0 ^h 16	12 ^h 53	25 ^h 51	26 ^h 27	27 ^h 19	13 ^h 18	
S 9	11 8 37	18 ^h 52 ^m 32 ^s	10 ^h M49	26 ^h 30	17 ^h 1	7 ^h 14	5 ^h 34	6 ^h 40	3 ^h 42	0 ^h 17	12 ^h 54	25 ^h 51	26 ^h 23	27 ^h 25	13 ^h 21	
M10	11 12 33	19 ^h 52 ^m 30 ^s	23 ^h 8	26 ^h 37	18 ^h 16	7 ^h 48	5 ^h 30	6 ^h 47	3 ^h 40	0 ^h 18	12 ^h 56	25 ^h 52	26 ^h 20	27 ^h 32	13 ^h 25	
T 11	11 16 30	20 ^h 52 ^m 26 ^s	5 ^h 14	26 ^h 49	19 ^h 31	8 ^h 21	5 ^h 27	6 ^h 54	3 ^h 37	0 ^h 19	12 ^h 57	25 ^h 52	26 ^h 17	27 ^h 39	13 ^h 28	
W12	11 20 27	21 ^h 52 ^m 21 ^s	17 ^h 11	27 ^h 7	20 ^h 46	8 ^h 55	5 ^h 23	7 ^h 1	3 ^h 35	0 ^h 20	12 ^h 59	25 ^h R53	26 ^h 14	27 ^h 46	13 ^h 32	
T 13	11 24 23	22 ^h 52 ^m 14 ^s	29 ^h 4	27 ^h 30	22 ^h 0	9 ^h 29	5 ^h 19	7 ^h 8	3 ^h 32	0 ^h 21	13 ^h 1	25 ^h 53	26 ^h 11	27 ^h 52	13 ^h 35	
F 14	11 28 20	23 ^h 52 ^m 05 ^s	10 ^h 57	27 ^h 59	23 ^h 15	10 ^h 3	5 ^h 15	7 ^h 16	3 ^h 30	0 ^h 22	13 ^h 2	25 ^h 53	26 ^h 8	27 ^h 59	13 ^h 38	
S 15	11 32 16	24 ^h 51 ^m 55 ^s	22 ^h 56	28 ^h 31	24 ^h 30	10 ^h 37	5 ^h 11	7 ^h 23	3 ^h 27	0 ^h 24	13 ^h 4	25 ^h 52	26 ^h 4	28 ^h 6	13 ^h 41	
S 16	11 36 13	25 ^h 51 ^m 43 ^s	5 ^h 4	29 ^h 8	25 ^h 45	11 ^h 10	5 ^h 6	7 ^h 30	3 ^h 24	0 ^h 25	13 ^h 5	25 ^h D52	26 ^h 1	28 ^h 12	13 ^h 45	
M17	11 40 9	26 ^h 51 ^m 29 ^s	17 ^h 25	29 ^h 49	27 ^h 0	11 ^h 44	5 ^h 2	7 ^h 37	3 ^h 22	0 ^h 26	13 ^h 7	25 ^h 52	25 ^h 58	28 ^h 19	13 ^h 48	
T 18	11 44 6	27 ^h 51 ^m 13 ^s	0 ^h 8	0 ^h 34	28 ^h 14	12 ^h 19	4 ^h 57	7 ^h 44	3 ^h 19	0 ^h 27	13 ^h 9	25 ^h 53	25 ^h 55	28 ^h 26	13 ^h 50	
W19	11 48 2	28 ^h 50 ^m 56 ^s	12 ^h 56	1 ^h 22	29 ^h 29	12 ^h 53	4 ^h 52	7 ^h 51	3 ^h 17	0 ^h 28	13 ^h 10	25 ^h 53	25 ^h 52	28 ^h 33	13 ^h 53	
T 20	11 51 59	29 ^h 50 ^m 37 ^s	2 ^h 6	2 ^h 14	0 ^h Y44	13 ^h 27	4 ^h 47	7 ^h 58	3 ^h 14	0 ^h 30	13 ^h 12	25 ^h R53	25 ^h 49	28 ^h 39	13 ^h 56	
F 21	11 55 55	0 ^h Y50 ^m 15 ^s	9 ^h Y37	3 ^h 9	1 ^h 59	14 ^h 1	4 ^h 42	8 ^h 5	3 ^h 12	0 ^h 31	13 ^h 13	25 ^h 53	25 ^h 45	28 ^h 46	13 ^h 59	
S 22	11 59 52	1 ^h 49 ^m 52 ^s	23 ^h 22	4 ^h 6	3 ^h 13	14 ^h 36	4 ^h 37	8 ^h 12	3 ^h 9	0 ^h 32	13 ^h 15	25 ^h 52	25 ^h 42	28 ^h 53	14 ^h 1	
S 23	12 3 49	2 ^h 49 ^m 26 ^s	7 ^h 20	5 ^h 7	4 ^h 28	15 ^h 10	4 ^h 31	8 ^h 19	3 ^h 6	0 ^h 34	13 ^h 16	25 ^h 52	25 ^h 39	29 ^h 0	14 ^h 4	
M24	12 7 45	3 ^h 48 ^m 58 ^s	21 ^h 26	6 ^h 10	5 ^h 43	15 ^h 44	4 ^h 26	8 ^h 25	3 ^h 4	0 ^h 35	13 ^h 18	25 ^h 51	25 ^h 36	29 ^h 6	14 ^h 6	
T 25	12 11 42	4 ^h 48 ^m 28 ^s	5 ^h II39	7 ^h 15	6 ^h 57	16 ^h 19	4 ^h 20	8 ^h 32	3 ^h 1	0 ^h 36	13 ^h 19	25 ^h 50	25 ^h 33	29 ^h 13	14 ^h 9	
W26	12 15 38	5 ^h 47 ^m 56 ^s	19 ^h 54	8 ^h 23	8 ^h 12	16 ^h 53	4 ^h 14	8 ^h 39	2 ^h 58	0 ^h 38	13 ^h 21	25 ^h 49	25 ^h 29	29 ^h 20	14 ^h 11	
T 27	12 19 35	6 ^h 47 ^m 22 ^s	4 ^h 8	9 ^h 33	9 ^h 26	17 ^h 28	4 ^h 8	8 ^h 46	2 ^h 56	0 ^h 39	13 ^h 23	25 ^h D49	25 ^h 26	29 ^h 26	14 ^h 13	
F 28	12 23 31	7 ^h 46 ^m 45 ^s	18 ^h 19	10 ^h 45	10 ^h 41	18 ^h 3	4 ^h 2	8 ^h 53	2 ^h 53	0 ^h 41	13 ^h 24	25 ^h 49	25 ^h 23	29 ^h 33	14 ^h 15	
S 29	12 27 28	8 ^h 46 ^m 06 ^s	2 ^h 24	12 ^h 0	11 ^h 56	18 ^h 37	3 ^h 56	8 ^h 59	2 ^h 51	0 ^h 42	13 ^h 26	25 ^h 49	25 ^h 20	29 ^h 40	14 ^h 17	
S 30	12 31 24	9 ^h 45 ^m 24 ^s	16 ^h 23	13 ^h 16	13 ^h 10	19 ^h 12	3 ^h 49	9 ^h 6	2 ^h 48	0 ^h 44	13 ^h 27	25 ^h 51	25 ^h 17	29 ^h 47	14 ^h 19	
MB1	12 35 21	10 ^h Y44 ^m 40 ^s	0 ^h 12	14 ^h 34	14 ^h Y25	19 ^h II47	3 ^h ML43	9 ^h 313	2 ^h 46	0 ^h II46	13 ^h 328	25 ^h 52	25 ^h 14	29 ^h 53	14 ^h 21	

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	7s29	16n59	4s44	8s37	3n12	10s13	1s23	22n19	1n38	12s 9	1n25	10s48	1s29	0s53	0n46	18n34	1s39	19s 2	13s18	1n37	1n16	18s14	16s39	6n12
S 2	7 7 14	49 4	1 9 3	3 1 9	46 1	24 22	26 1	38 12	8 1	25 10	45 1	29 0	53 0	46 18	34 1	39 19	2 13	18 1	38 1	1 17	18 15	16 38	6 12	
M 3	6 44 11	45 3	3 9 28	2 49 9	18 1	25 22	32 1	38 12	7 1	25 10	43 1	29 0	52 0	46 18	34 1	39 19	1 13	18 1	39 1	1 18	18 15	16 37	6 13	
T 4	6 21 8	2 1	5 5 9	5 2 36	8 50	1 25	22 38	1 38	12 7	1 25	10 40	1 29	0 51	0 46	18 34	1 39	19 0	13 18	1 39	1 20	18 15	16 36	6 13	
W 5	5 57 3	55 0	40 10	13 2	23 8	22 1	25 22	44 1	38 12	6 1	26 10	37 1	29 0	50 0	46 18	35 1	39 19	0 13	18 1	1 40	1 21	18 15	16 35	6 14
T 6	5 34 0	s18	0n35	10 33	2 9	7 53	1 26	22 50	1 38	12 4	1 26	10 35	1 29	0 49	0 46	18 35	1 39	18 59	13 18	1 40	1 22	18 15	16 34	6 14
F 7	5 11 4	24 1	46 10	30 1	5 55	7 25	1 26	22 56	1 38	12 3	1 26	10 32	1 29	0 48	0 46	18 35	1 39	18 59	13 18	1 39	1 24	18 15	16 33	6 15
S 8	4 47 8	11 2	1 50	11 6	1 41	6 25	1 26	23 2	1 38	12 2	1 26	10 30	1 30	0 47	0 46	18 35	1 39	18 58	13 18	1 39	1 25	18 16	16 32	6 15
S 9	4 24 11	31 3	44 11	19 1	27 6	27 1	26 23	8 1	38 12	1 1	26 10	27 1	30 0	46 0	46 18	36 1	39 18	58 13	18 1	39 1	26 18	16 16	16 32	6 16
M10	4 0 14	14 4	27 11	30 1	13 5	5 58	1 26	23 13	1 38	12 0	1 26	10 24	1 30	0 45	0 46	18 36	1 39	18 57	13 18	1 39	1 27	18 16	16 31	6 16
T 11	3 37 16	18 4	57 11	39 0	59 5	28 1	26 23	19 1	38 11	58 1	27 10	22 1	30 0	44 0	46 18	36 1	39 18	56 13	18 1	38 1	29 18	16 16	16 30	6 17
W12	3 13 17	37 5	14 11	45 0	46 4	59 1	26 23	24 1	38 11	57 1	27 10	19 1	30 0	43 0	46 18	36 1	39 18	56 13	18 1	38 1	30 18	16 16	16 29	6 17
T 13	2 50 18	9 5	17 11	45 0	32 4																			

SWISS EPHEMERIS for the year 2053

APRIL 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	12 39 18	11°43'54	13°50	15°54	15°39	20°22	3°R36	9°19	2°R43	0°II47	13°30	25°53	25°10	0°0	14°23	
W 2	12 43 14	12°43'06	27°17	17°16	16°54	20°57	3°M30	9°26	2°A40	0°49	13°31	25°R53	25° 7	0° 7	14°25	
T 3	12 47 11	13°42'15	10°A30	18°39	18° 8	21°32	3°23	9°32	2°38	0°50	13°33	25°52	25° 4	0°13	14°26	
F 4	12 51 7	14°41'23	23°29	20° 4	19°22	22° 6	3°16	9°39	2°35	0°52	13°34	25°51	25° 1	0°20	14°28	
S 5	12 55 4	15°40'28	6°M13	21°31	20°37	22°41	3° 9	9°45	2°33	0°54	13°36	25°48	24°58	0°27	14°30	
S 6	12 59 0	16°39'32	18°42	22°59	21°51	23°16	3° 2	9°51	2°30	0°55	13°37	25°45	24°55	0°34	14°31	
M 7	13 2 57	17°38'33	0°A59	24°29	23° 6	23°52	2°55	9°58	2°28	0°57	13°38	25°42	24°51	0°40	14°32	
T 8	13 6 53	18°37'33	13° 4	26° 1	24°20	24°27	2°48	10° 4	2°25	0°59	13°40	25°38	24°48	0°47	14°33	
W 9	13 10 50	19°36'31	25° 2	27°34	25°34	25° 2	2°40	10°10	2°23	1° 1	13°41	25°35	24°45	0°54	14°35	
T 10	13 14 47	20°35'28	6°B55	29° 9	26°49	25°37	2°33	10°16	2°20	1° 2	13°43	25°33	24°42	1° 1	14°36	
F 11	13 18 43	21°34'22	18°49	0°Y45	28° 3	26°12	2°26	10°22	2°18	1° 4	13°44	25°D33	24°39	1° 7	14°37	
S 12	13 22 40	22°33'15	0°A47	2°23	29°17	26°47	2°18	10°29	2°16	1° 6	13°45	25°33	24°35	1°14	14°37	
S 13	13 26 36	23°32'06	12°54	4° 3	0°B32	27°23	2°11	10°35	2°13	1° 8	13°47	25°34	24°32	1°21	14°38	
M14	13 30 33	24°30'56	25°16	5°44	1°46	27°58	2° 3	10°41	2°11	1°10	13°48	25°36	24°29	1°27	14°39	
T 15	13 34 29	25°29'43	7°K55	7°26	3° 0	28°33	1°56	10°46	2° 8	1°12	13°49	25°37	24°26	1°34	14°40	
W16	13 38 26	26°28'29	20°57	9°10	4°14	29° 9	1°48	10°52	2° 6	1°14	13°50	25°R38	24°23	1°41	14°40	
T 17	13 42 22	27°27'13	4°Y21	10°56	5°28	29°44	1°41	10°58	2° 4	1°16	13°52	25°38	24°20	1°48	14°41	
F 18	13 46 19	28°25'55	18° 9	12°43	6°43	0°E20	1°33	11° 4	2° 2	1°17	13°53	25°36	24°16	1°54	14°41	
S 19	13 50 15	29°24'35	2°B18	14°32	7°57	0°55	1°25	11°10	1°59	1°19	13°54	25°33	24°13	2° 1	14°41	
S 20	13 54 12	0°B23'14	16°43	16°22	9°11	1°31	1°18	11°15	1°57	1°21	13°55	25°28	24°10	2° 8	14°41	
M21	13 58 9	1°21'50	1°II18	18°14	10°25	2° 6	1°10	11°21	1°55	1°23	13°57	25°23	24° 7	2°14	14°42	
T 22	14 2 5	2°20'24	15°58	20° 8	11°39	2°42	1° 2	11°26	1°53	1°25	13°58	25°18	24° 4	2°21	14°R42	
W23	14 6 2	3°18'57	0°E33	22° 3	12°53	3°17	0°55	11°32	1°51	1°27	13°59	25°13	24° 0	2°28	14°41	
T 24	14 9 58	4°17'27	15° 1	24° 0	14° 7	3°53	0°47	11°37	1°49	1°29	14° 0	25°10	23°57	2°35	14°41	
F 25	14 13 55	5°15'55	29°15	25°59	15°21	4°29	0°39	11°42	1°47	1°32	14° 1	25°D 8	23°54	2°41	14°41	
S 26	14 17 51	6°14'20	13°Q14	27°59	16°35	5° 4	0°32	11°48	1°45	1°34	14° 2	25° 9	23°51	2°48	14°41	
S 27	14 21 48	7°12'44	26°59	0°B 0	17°49	5°40	0°24	11°53	1°43	1°36	14° 3	25°10	23°48	2°55	14°40	
M28	14 25 44	8°11'05	10°M28	2° 3	19° 3	6°16	0°16	11°58	1°41	1°38	14° 4	25°11	23°45	3° 2	14°40	
T 29	14 29 41	9° 9'24	23°43	4° 7	20°17	6°52	0° 9	12° 3	1°39	1°40	14° 5	25°R12	23°41	3° 8	14°39	
W30	14 33 38	10°B 7'42	6°A46	6°B13	21°B31	7°E27	0°M 1	12°K 8	1°A37	1°II42	14°K 6	25°M11	23°M38	3°B15	14°B39	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	4n38	5n20	1 s 6	7s36	2s13	5n 4	1s11	24n41	1n37	11s19	1n29	9s30	1s32	0s22	0n46	18n43	1s38	18s46	13s21	1n38	1n55	18s18	16s12	6n29
W 2	5 1	1 12	0n 8	7 8	2 17	5 33	1 10	24 44	1 37	11 16	1 30	9 27	1 32	0 21	0 46	18 43	1 37	18 46	13 21	1 38	1 56	18 18	16 11	6 30
T 3	5 24	2s56	1 20	6 38	2 20	6 3	1 9	24 46	1 36	11 14	1 30	9 25	1 32	0 20	0 46	18 44	1 37	18 45	13 21	1 38	1 58	18 18	16 10	6 31
F 4	5 47	6 51	2 26	6 7	2 23	6 33	1 7	24 48	1 36	11 12	1 30	9 23	1 33	0 19	0 46	18 44	1 37	18 45	13 22	1 39	1 59	18 18	16 10	6 31
S 5	6 10	10 22	3 24	5 35	2 25	7 2	1 6	24 50	1 36	11 9	1 30	9 20	1 33	0 18	0 46	18 45	1 37	18 45	13 22	1 40	2 0	18 18	16 9	6 32
S 6	6 33	13 21	4 11	5 2	2 27	7 31	1 4	24 51	1 36	11 7	1 30	9 18	1 33	0 17	0 46	18 45	1 37	18 44	13 22	1 41	2 1	18 18	16 8	6 32
M 7	6 55	15 41	4 46	4 28	2 29	8 0	1 2	24 53	1 36	11 4	1 30	9 16	1 33	0 16	0 46	18 45	1 37	18 44	13 22	1 43	2 3	18 19	16 7	6 33
T 8	7 18	17 17	5 7	3 52	2 29	8 29	1 1	24 54	1 36	11 2	1 30	9 14	1 33	0 15	0 46	18 46	1 37	18 44	13 22	1 44	2 4	18 19	16 7	6 34
W 9	7 40	18 6	5 14	3 15	2 30	8 58	0 59	24 56	1 36	10 59	1 30	9 11	1 33	0 14	0 46	18 46	1 37	18 43	13 23	1 45	2 5	18 19	16 6	6 34
T 10	8 2	18 7	5 8	2 38	2 30	9 26	0 57	24 57	1 35	10 57	1 30	9 9	1 33	0 13	0 46	18 46	1 37	18 43	13 23	1 46	2 6	18 19	16 5	6 35
F 11	8 24	17 21	4 49	1 59	2 29	9 55	0 56	24 58	1 35	10 54	1 30	9 7	1 34	0 12	0 46	18 47	1 37	18 43	13 23	1 46	2 8	18 19	16 4	6 36
S 12	8 46	15 48	4 17	1 19	2 28	10 23	0 54	24 58	1 35	10 52	1 30	9 5	1 34	0 11	0 46	18 47	1 37	18 42	13 23	1 46	2 9	18 19	16 4	6 36
S 13	9 8	13 31	3 33	0 38	2 27	10 51	0 52	24 59	1 35	10 49	1 30	9 3	1 34	0 11	0 46	18 48	1 37	18 42	13 24	1 46	2 10	18 19	16 3	6 37
M14	9 30	10 36	2 39	0n 4	2 24	11 18	0 50	25 0	1 35	10 46	1 30	9 1	1 34	0 10	0 46	18 48	1 37	18 42	13 24	1 45	2 11	18 19	16 2	6 37
T 15	9 51	7 7	1 36	0 47	2 22	11 45	0 48	25 0	1 35	10 44	1 30	8 59	1 34	0 9	0 46	18 49	1 37	18 41	13 24	1 44	2 13	18 19	16 2	6 38
W16	10 13	3 12	0 26	1 30	2 19	12 12	0 46	25 0	1 34	10 41	1 30	8 56	1 34	0 8	0 46	18 49	1 37	18 41	13 24	1 44	2 14	18 19	16 1	6 39
T 17	10 34	1n 0	0s48	2 15	2 15	12 39	0 44	25 0	1 34	10 39	1 30	8 54	1 34	0 7	0 46	18 49	1 37	18 41	13 24	1 44	2 15	18 19	16 0	6 39
F 18	10 55	5 16	2 0	3 1	2 11	13 5	0 42	25 0	1 34	10 36	1 30	8 52	1 35	0 6	0 46	18 50	1 37	18 41	13 25	1 45	2 16	18 19	16 0	6 40
S 19	11 16	9 21	3 7	3 47	2 6	13 32	0 40	24 59	1 34	10 33	1 30	8 50	1 35	0 5	0 46	18 50	1 37	18 40	13 25	1 46	2 18	18 19	15 59	6 41
S 20	11 36	12 57	4 3	4 34	2 1	13 57	0 38	24 59	1 34	10 31	1 30	8 48	1 35	0 4	0 46	18 51	1 37	18 40	13 25	1 48	2 19	18 19	15 58	6 41
M21	11 57	15 47	4 44	5 22	1 56	14 23	0 35	24 58	1 33	10 28	1 30	8 46	1 35	0 4	0 46	18 51	1 37	18 40	13 26	1 50	2 20	18 19	15 58	6 42
T 22	12 17	17 37	5 6	6 11	1 49	14 48	0 33	24 57	1 33	10 26	1 30	8 44	1 35	0 3	0 46	18 52	1 37	18 40	13 26	1 52	2 21	18 19	15 57	6 42
W23	12 37	18 17	5 9	7 0	1 43	15 12	0 31	24 56	1 33	10 23	1 30	8 43	1 36	0 2	0 46	18 52	1 37	18 39	13 26	1 54	2 23	18 19	15 56	6 43
T 24	12 57	17 45	4 52	7 50	1 36	15 37	0 29	24 55	1 33	10 20	1 30	8 41	1 36	0 1	0 46	18 52	1 37	18 39	13 26	1 55	2 24	18 19	15 56	6 44
F 25	13 16	16 6	4 17	8 40	1 28	16 1	0 26	24 54	1 33	10 18	1 30	8 39	1 36	0 0	0 46	18 53	1 37	18 39	13 27	1 56	2 25	18 19	15 55	6 44
S 26	13 36	13 31	3 28	9 30	1 20	16 24	0 24	24 52	1 32	10 15	1 30	8 37	1 36	0n 0	0 46	18 53	1 37	18 39	13 27	1 56	2 27	18 19	15 55	6 45
S 27	13 55	10 13	2 27	10 21	1 12	16 47	0 22	24 51	1 32	10 13	1 30	8 35	1 36	0 1	0 46	18 54	1 37	18 39	13 27	1 55	2 28	18 19	15 54	6 46
M28	14 14	6 25	1 19	11 12	1 1	17 10	0 19	24 49	1 32	10 10	1 29	8 33	1 36	0 2	0 46	18 54	1 37	18 39	13 27	1 55	2 29	18 19	15 54	6 46
T 29	14 32	2 22	0 8	12 3	0 54	17 32	0 17	24 47	1 32	10 7	1 29	8 32	1 37	0 3	0 46	18 55	1 37	18 38	13 28	1 55	2 30	18 19	15 53	6 47
W30	14n51	1s44	1n																					

SWISS EPHEMERIS for the year 2053

MAY 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	14 37 34	11♈ 5'57	19♌37	8♋20	22♌45	8♌ 3	29°R54	12♋13	1°R35	1♌44	14♋ 7	25°R 8	23♌35	3♌22	14°R38	
F 2	14 41 31	12° 4'10	2♌16	10°27	23°59	8°39	29♌47	12°18	1♌33	1°46	14° 8	25♌ 4	23°32	3°28	14♌37	
S 3	14 45 27	13° 2'22	14°45	12°36	25°12	9°15	29°39	12°23	1°32	1°48	14° 9	24°57	23°29	3°35	14°36	
S 4	14 49 24	14° 0'32	27° 4	14°45	26°26	9°51	29°32	12°27	1°30	1°51	14°10	24°48	23°26	3°42	14°35	
M 5	14 53 20	14°58'40	9♌14	16°55	27°40	10°27	29°25	12°32	1°28	1°53	14°11	24°39	23°22	3°49	14°34	
T 6	14 57 17	15°56'47	21°15	19° 5	28°54	11° 2	29°18	12°36	1°27	1°55	14°12	24°30	23°19	3°55	14°33	
W 7	15 1 13	16°54'52	3♌11	21°15	0♌ 8	11°38	29°11	12°41	1°25	1°57	14°13	24°21	23°16	4° 2	14°32	
T 8	15 5 10	17°52'56	15° 3	23°25	1°21	12°14	29° 4	12°45	1°23	1°59	14°14	24°14	23°13	4° 9	14°31	
F 9	15 9 7	18°50'59	26°55	25°34	2°35	12°50	28°57	12°50	1°22	2° 1	14°15	24°10	23°10	4°15	14°29	
S 10	15 13 3	19°49'00	8♌52	27°42	3°49	13°26	28°50	12°54	1°20	2° 4	14°16	24° 7	23° 6	4°22	14°28	
S 11	15 17 0	20°46'59	20°57	29°49	5° 2	14° 2	28°43	12°58	1°19	2° 6	14°16	24°D 6	23° 3	4°29	14°26	
M12	15 20 56	21°44'57	3♌16	1♌54	6°16	14°38	28°37	13° 2	1°18	2° 8	14°17	24° 7	23° 0	4°36	14°25	
T 13	15 24 53	22°42'54	15°53	3°58	7°30	15°14	28°30	13° 6	1°16	2°10	14°18	24° 7	22°57	4°42	14°23	
W14	15 28 49	23°40'50	28°55	5°59	8°43	15°51	28°24	13°10	1°15	2°12	14°19	24°R 8	22°54	4°49	14°21	
T 15	15 32 46	24°38'44	12♌22	7°58	9°57	16°27	28°17	13°14	1°14	2°15	14°19	24° 6	22°51	4°56	14°19	
F 16	15 36 42	25°36'38	26°17	9°55	11°10	17° 3	28°11	13°18	1°13	2°17	14°20	24° 2	22°47	5° 3	14°18	
S 17	15 40 39	26°34'29	10♌39	11°50	12°24	17°39	28° 5	13°22	1°12	2°19	14°21	23°56	22°44	5° 9	14°16	
S 18	15 44 36	27°32'20	25°23	13°41	13°38	18°15	27°59	13°25	1°10	2°21	14°21	23°48	22°41	5°16	14°13	
M19	15 48 32	28°30'09	10♌22	15°30	14°51	18°51	27°54	13°29	1° 9	2°24	14°22	23°39	22°38	5°23	14°11	
T 20	15 52 29	29°27'57	25°25	17°16	16° 5	19°27	27°48	13°32	1° 8	2°26	14°23	23°29	22°35	5°29	14° 9	
W21	15 56 25	0♌25'43	10♌24	18°59	17°18	20° 4	27°42	13°35	1° 7	2°28	14°23	23°21	22°32	5°36	14° 7	
T 22	16 0 22	1°23'28	25°10	20°39	18°31	20°40	27°37	13°39	1° 7	2°30	14°24	23°14	22°28	5°43	14° 5	
F 23	16 4 18	2°21'11	9♌27	22°15	19°45	21°16	27°32	13°42	1° 6	2°33	14°24	23°10	22°25	5°50	14° 2	
S 24	16 8 15	3°18'52	23°42	23°49	20°58	21°53	27°27	13°45	1° 5	2°35	14°25	23° 8	22°22	5°56	14° 0	
S 25	16 12 11	4°16'32	7♌24	25°19	22°12	22°29	27°22	13°48	1° 4	2°37	14°25	23°D 8	22°19	6° 3	13°57	
M26	16 16 8	5°14'10	20°45	26°45	23°25	23° 5	27°17	13°51	1° 4	2°39	14°26	23°R 8	22°16	6°10	13°55	
T 27	16 20 5	6°11'47	3♌47	28° 9	24°38	23°42	27°12	13°54	1° 3	2°42	14°26	23° 8	22°12	6°16	13°52	
W28	16 24 1	7° 9'22	16°34	29°29	25°52	24°18	27° 8	13°56	1° 2	2°44	14°27	23° 6	22° 9	6°23	13°49	
T 29	16 27 58	8° 6'56	29° 8	0♌45	27° 5	24°54	27° 3	13°59	1° 2	2°46	14°27	23° 1	22° 6	6°30	13°47	
F 30	16 31 54	9° 4'29	11♌31	1°58	28°18	25°31	26°59	14° 2	1° 1	2°48	14°27	22°54	22° 3	6°37	13°44	
S 31	16 35 51	10♌2'00	23♌46	3♌ 8	29♌31	26♌ 7	26♌55	14♋ 4	1♌ 1	2♌51	14♋28	22♌44	22♌ 0	6♌43	13♌41	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	15n 9	5s42	2n 8	13n44	0s34	18n15	0s12	24n42	1n31	10s 2	1n29	8s28	1s37	0n 4	0n46	18n56	1s36
F 2	15 27	9 20	3 6	14 34	0 24	18 36	0 10	24 40	1 31	10 0	1 29	8 26	1 37	0 5	0 46	18 56	1 36
S 3	15 45	12 31	3 55	15 24	0 14	18 56	0 7	24 37	1 31	9 57	1 29	8 25	1 37	0 5	0 46	18 56	1 36
S 4	16 2 15	5 4	3 31	16 13	0 3	19 16	0 5	24 34	1 31	9 55	1 29	8 23	1 38	0 6	0 46	18 57	1 36
M 5	16 19	16 58	4 55	17 0	0n 7	19 36	0 2	24 31	1 30	9 53	1 29	8 22	1 38	0 7	0 46	18 57	1 36
T 6	16 36	18 4	5 6	17 47	0 18	19 54	0n 0	24 28	1 30	9 50	1 29	8 20	1 38	0 7	0 46	18 58	1 36
W 7	16 53	18 21	5 2	18 32	0 29	20 13	0 3	24 25	1 30	9 48	1 28	8 19	1 38	0 8	0 46	18 58	1 36
T 8	17 9 17	50 4	4 46	19 15	0 39	20 30	0 5	24 21	1 30	9 46	1 28	8 17	1 38	0 9	0 46	18 59	1 36
F 9	17 25	16 33	4 18	19 56	0 49	20 47	0 8	24 18	1 30	9 43	1 28	8 16	1 39	0 9	0 45	18 59	1 36
S 10	17 41	14 32	3 38	20 36	0 59	21 4	0 10	24 14	1 29	9 41	1 28	8 14	1 39	0 10	0 45	19 0	1 36
S 11	17 57	11 51	2 48	21 13	1 9	21 20	0 12	24 10	1 29	9 39	1 28	8 13	1 39	0 10	0 45	19 0	1 36
M12	18 12	8 36	1 49	21 48	1 18	21 36	0 15	24 6	1 29	9 37	1 28	8 11	1 39	0 11	0 45	19 0	1 36
T 13	18 27	4 53	0 44	22 21	1 27	21 50	0 17	24 2	1 29	9 34	1 28	8 10	1 39	0 11	0 45	19 1	1 36
W14	18 41	0 49	0s26	22 51	1 35	22 5	0 20	23 57	1 28	9 32	1 27	8 9	1 40	0 12	0 45	19 1	1 36
T 15	18 55	3n25	1 36	23 19	1 42	22 18	0 22	23 53	1 28	9 30	1 27	8 7	1 40	0 12	0 45	19 2	1 36
F 16	19 9 7	37 2	1 43	23 44	1 49	22 31	0 25	23 48	1 28	9 28	1 27	8 6	1 40	0 13	0 45	19 2	1 36
S 17	19 23	11 30	3 41	24 6	1 55	22 43	0 27	23 43	1 28	9 26	1 27	8 5	1 40	0 13	0 45	19 3	1 36
S 18	19 36	14 47	4 27	24 26	2 1	22 55	0 30	23 38	1 27	9 24	1 27	8 4	1 40	0 13	0 45	19 3	1 36
M19	19 49	17 8	4 55	24 43	2 6	23 6	0 32	23 32	1 27	9 22	1 26	8 3	1 41	0 14	0 45	19 4	1 36
T 20	20 2 18	18 5	3 24	24 58	2 9	23 17	0 35	23 27	1 27	9 21	1 26	8 1	1 41	0 14	0 45	19 4	1 36
W21	20 14 18	12 4	5 0	25 11	2 13	23 26	0 37	23 22	1 27	9 19	1 26	8 0	1 41	0 14	0 45	19 4	1 36
T 22	20 26 16	52 4	4 18	25 21	2 15	23 35	0 39	23 16	1 26	9 17	1 26	7 59	1 41	0 15	0 45	19 5	1 36
F 23	20 37 14	28 3	29 25	28 2	16 23	44 0	42 23	10 1	26 9	15 1	26 7	58 1	42 0	15 0	45 19	5 1	36 18
S 24	20 49 11	16 2	30 25	34 2	17 23	51 0	44 23	4 1	26 9	14 1	25 7	57 1	42 0	15 0	45 19	6 1	36 18
S 25	20 59 7	31 1	23 25	38 2	17 23	58 0	46 22	58 1	26 9	12 1	25 7	56 1	42 0	16 0	45 19	6 1	36 18
M26	21 10 3	28 0	13 25	39 2	16 24	5 0	49 22	51 1	25 9	11 1	25 7	55 1	42 0	16 0	45 19	7 1	36 18
T 27	21 20 0s39	0n56	25 39 2	14 24	10 0	51 22	45 1	25 9	9 1	25 7	55 1	42 0	16 0	45 19	7 1	36 18	
W28	21 30 4	39 2	1 25	37 2	11 24	15 0	53 22	38 1	25 9	8 1	25 7	54 1	43 0	16 0	45 19	8 1	36 18
T 29	21 39 8	23 2	58 25	33 2	8 24	19 0	56 22	31 1	24 9	6 1	24 7	53 1	43 0	16 0	45 19	8 1	36 18
F 30	21 48 11	41 3	46 25	28 2	3 24	23 0	58 22	25 1	24 9	5 1	24 7	52 1	43 0	17 0	45 19	8 1	36 18
S 31	21n57	14s27	4n23	25n22	1n58	24n26	1n 0	22n17	1n24	9s 4	1n24	7s51	1s43	0n17	0n45	19n 9	1s36

Julian Day Number = 2471023.5, Delta T = 126.93 sec
 Ecliptic obliquity = 23°25'47, Nutation = - 0°00'03
 Ayanamsha: Fagan/Bradley = 25°29'08, Lahiri = 24°36'08

SWISS EPHEMERIS for the year 2053

JUNE 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
S 1	16 39 47	10II59'30	5♂54	4♁14	0♁45	26♁43	26°R51	14♃ 6	1°R 0	2II53	14♃28	22°R31	21♃57	6♁50	13°R38
M 2	16 43 44	11°56'59	17°55	5°16	1°58	27°20	26♁47	14° 9	1♁ 0	2°55	14°28	22♃18	21°53	6°57	13♁35
T 3	16 47 40	12°54'28	29°52	6°15	3°11	27°56	26°44	14°11	1° 0	2°57	14°29	22° 5	21°50	7° 3	13°32
W 4	16 51 37	13°51'55	11♁45	7°10	4°24	28°33	26°41	14°13	1° 0	3° 0	14°29	21°52	21°47	7°10	13°29
T 5	16 55 34	14°49'21	23°36	8° 1	5°37	29° 9	26°37	14°15	0°59	3° 2	14°29	21°42	21°44	7°17	13°26
F 6	16 59 30	15°46'47	5♁28	8°48	6°50	29°46	26°34	14°17	0°59	3° 4	14°29	21°34	21°41	7°24	13°23
S 7	17 3 27	16°44'12	17°24	9°31	8° 3	0♁22	26°31	14°19	0°59	3° 6	14°29	21°29	21°38	7°30	13°20
S 8	17 7 23	17°41'36	29°29	10°10	9°16	0°59	26°29	14°20	0°D59	3° 8	14°30	21°26	21°34	7°37	13°16
M 9	17 11 20	18°38'59	11♃46	10°44	10°29	1°35	26°26	14°22	0°59	3°11	14°30	21°25	21°31	7°44	13°13
T 10	17 15 16	19°36'22	24°20	11°15	11°42	2°12	26°24	14°23	0°59	3°13	14°30	21°25	21°28	7°51	13°10
W 11	17 19 13	20°33'45	7°V17	11°41	12°55	2°49	26°22	14°25	1° 0	3°15	14°30	21°25	21°25	7°57	13° 6
T 12	17 23 9	21°31'07	20°41	12° 2	14° 8	3°25	26°20	14°26	1° 0	3°17	14°30	21°23	21°22	8° 4	13° 3
F 13	17 27 6	22°28'28	4♁34	12°19	15°21	4° 2	26°18	14°27	1° 0	3°19	14°30	21°19	21°18	8°11	12°59
S 14	17 31 3	23°25'49	18°57	12°32	16°34	4°38	26°16	14°28	1° 0	3°21	14°R30	21°12	21°15	8°17	12°56
S 15	17 34 59	24°23'10	3II45	12°40	17°47	5°15	26°15	14°29	1° 1	3°24	14°30	21° 3	21°12	8°24	12°52
M 16	17 38 56	25°20'30	18°53	12°R43	19° 0	5°52	26°14	14°30	1° 1	3°26	14°30	20°52	21° 9	8°31	12°49
T 17	17 42 52	26°17'50	4♁ 9	12°42	20°13	6°29	26°12	14°31	1° 2	3°28	14°30	20°42	21° 6	8°38	12°45
W 18	17 46 49	27°15'09	19°24	12°37	21°26	7° 5	26°11	14°32	1° 2	3°30	14°30	20°32	21° 3	8°44	12°42
T 19	17 50 45	28°12'27	4♁26	12°27	22°38	7°42	26°11	14°33	1° 3	3°32	14°30	20°24	20°59	8°51	12°38
F 20	17 54 42	29° 9'45	19° 7	12°13	23°51	8°19	26°10	14°33	1° 3	3°34	14°30	20°19	20°56	8°58	12°34
S 21	17 58 38	0♁ 7'01	3♃22	11°54	25° 4	8°56	26°10	14°33	1° 4	3°36	14°29	20°16	20°53	9° 4	12°31
S 22	18 2 35	1° 4'17	17°10	11°33	26°17	9°32	26°10	14°34	1° 5	3°38	14°29	20°D16	20°50	9°11	12°27
M 23	18 6 32	2° 1'32	0♁33	11° 8	27°29	10° 9	26°D10	14°34	1° 5	3°40	14°29	20°R16	20°47	9°18	12°23
T 24	18 10 28	2°58'47	13°32	10°39	28°42	10°46	26°10	14°34	1° 6	3°42	14°29	20°15	20°43	9°25	12°20
W 25	18 14 25	3°56'01	26°13	10° 9	29°55	11°23	26°10	14°R34	1° 7	3°44	14°29	20°14	20°40	9°31	12°16
T 26	18 18 21	4°53'14	8♃38	9°36	1♁ 7	12° 0	26°11	14°34	1° 8	3°46	14°28	20° 9	20°37	9°38	12°12
F 27	18 22 18	5°50'27	20°52	9° 2	2°20	12°37	26°11	14°34	1° 9	3°48	14°28	20° 3	20°34	9°45	12° 8
S 28	18 26 14	6°47'39	2♂57	8°26	3°32	13°14	26°12	14°34	1°10	3°50	14°28	19°53	20°31	9°51	12° 4
S 29	18 30 11	7°44'51	14°56	7°51	4°45	13°50	26°13	14°33	1°11	3°52	14°27	19°42	20°28	9°58	12° 1
M 30	18 34 7	8°42'03	26♂52	7♁15	5♁57	14♁27	26♁15	14♃33	1♁12	3II54	14♃27	19♃29	20♃24	10♁ 5	11♁57

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	22n 5	16s33	4n48	25n14	1n52	24n28	1n 2	22n10	1n24	9s 3	1n24	7s51	1s44	0n17	0n45	19n 9	1s36	18s40	13s39	2n58	3n12	18s17	15s42	7n 4
M 2	22 13	17 55	4 59	25 5	1 45	24 29	1 4	22 3	1 23	9 2	1 23	7 50	1 44	0 17	0 45	19 10	1 36	18 40	13 39	3 3	3 13	18 17	15 42	7 5
T 3	22 20	18 28	4 57	24 54	1 37	24 29	1 6	21 55	1 23	9 1	1 23	7 49	1 44	0 17	0 44	19 10	1 36	18 40	13 40	3 8	3 14	18 17	15 42	7 5
W 4	22 27	18 13	4 43	24 43	1 29	24 29	1 8	21 48	1 23	9 0	1 23	7 49	1 44	0 17	0 44	19 11	1 36	18 40	13 40	3 13	3 15	18 17	15 42	7 5
T 5	22 34	17 10	4 16	24 31	1 20	24 29	1 10	21 40	1 23	8 59	1 23	7 48	1 45	0 17	0 44	19 11	1 36	18 41	13 40	3 18	3 17	18 17	15 41	7 6
F 6	22 40	15 23	3 37	24 18	1 10	24 27	1 12	21 32	1 22	8 58	1 22	7 48	1 45	0 17	0 44	19 11	1 36	18 41	13 41	3 21	3 18	18 17	15 41	7 6
S 7	22 46	12 55	2 49	24 4	0 59	24 25	1 14	21 24	1 22	8 57	1 22	7 47	1 45	0 17	0 44	19 12	1 36	18 41	13 41	3 23	3 19	18 16	15 41	7 6
S 8	22 52	9 53	1 53	23 49	0 47	24 22	1 16	21 16	1 22	8 56	1 22	7 47	1 45	0 17	0 44	19 12	1 36	18 41	13 41	3 24	3 20	18 16	15 41	7 7
M 9	22 57	6 22	0 51	23 34	0 35	24 18	1 17	21 7	1 21	8 56	1 22	7 46	1 46	0 17	0 44	19 13	1 36	18 42	13 42	3 24	3 22	18 16	15 41	7 7
T 10	23 1	2 29	0s15	23 19	0 22	24 14	1 19	20 59	1 21	8 55	1 21	7 46	1 46	0 17	0 44	19 13	1 36	18 42	13 42	3 24	3 23	18 16	15 41	7 7
W 11	23 6	1n37	1 23	23 3	0 8	24 8	1 21	20 50	1 21	8 55	1 21	7 46	1 46	0 17	0 44	19 13	1 36	18 42	13 42	3 24	3 24	18 16	15 41	7 8
T 12	23 9	5 47	2 28	22 47	0s 6	24 3	1 22	20 41	1 20	8 54	1 21	7 45	1 46	0 17	0 44	19 14	1 36	18 42	13 43	3 25	3 25	18 16	15 41	7 8
F 13	23 13	9 47	3 27	22 30	0 21	23 56	1 24	20 32	1 20	8 54	1 21	7 45	1 46	0 17	0 44	19 14	1 36	18 43	13 43	3 27	3 27	18 16	15 41	7 8
S 14	23 16	13 22	4 15	22 14	0 37	23 49	1 25	20 23	1 20	8 53	1 20	7 45	1 47	0 16	0 44	19 15	1 36	18 43	13 43	3 29	3 28	18 16	15 41	7 9
S 15	23 19	16 11	4 47	21 57	0 53	23 41	1 27	20 14	1 20	8 53	1 20	7 45	1 47	0 16	0 44	19 15	1 36	18 43	13 44	3 33	3 29	18 15	15 41	7 9
M 16	23 21	17 59	5 0	21 41	1 9	23 32	1 28	20 5	1 19	8 53	1 20	7 45	1 47	0 16	0 44	19 15	1 36	18 44	13 44	3 37	3 30	18 15	15 42	7 9
T 17	23 23	18 30	4 52	21 25	1 25	23 23	1 30	19 55	1 19	8 53	1 20	7 45	1 47	0 16	0 44	19 16	1 36	18 44	13 45	3 41	3 32	18 15	15 42	7 9
W 18	23 24	17 41	4 24	21 8	1 42	23 13	1 31	19 46	1 19	8 53	1 19	7 45	1 48	0 16	0 44	19 16	1 36	18 45	13 45	3 45	3 33	18 15	15 42	7 10
T 19	23 25	15 38	3 37	20 53	1 59	23 3	1 32	19 36	1 18	8 53	1 19	7 45	1 48	0 15	0 44	19 16	1 36	18 45	13 45	3 48	3 34	18 15	15 42	7 10
F 20	23 26	12 36	2 37	20 37	2 15	22 51	1 33	19 26	1 18	8 53	1 19	7 45	1 48	0 15	0 44	19 17	1 36	18 45	13 46	3 50	3 35	18 15	15 42	7 10
S 21	23 26	8 54	1 28	20 23	2 32	22 39	1 34	19 16	1 18	8 53	1 18	7 45	1 48	0 15	0 44	19 17	1 36	18 46	13 46	3 51	3 37	18 14	15 42	7 10
S 22	23 26	4 49	0 16	20 8	2 48	22 27	1 35	19 6	1 17	8 53	1 18	7 45	1 49	0 14	0 44	19 18	1 36	18 46	13 46	3 51	3 38	18 14	15 42	7 10
M 23	23 25	0 37	0n54	19 55	3 4	22 14	1 36	18 56	1 17	8 53	1 18	7 45	1 49	0 14	0 44	19 18	1 36	18 46	13 47	3 51	3 39	18 14	15 42	7 11
T 24	23 24	3s30	2 0	19 42	3 19	22 0	1 37	18 45	1 17	8 53	1 18	7 45	1 49	0 14	0 44	19 18	1 36	18 47	13 47	3 52	3 40	18 14	15 42	7 11
W 25	23 22	7 21	2 58	19 30	3 33	21 45	1 38	18 35	1 16	8 54	1 17	7 45	1 49	0 13	0 44	19 19	1 36	18 47	13 47	3 52	3 42	18 14	15 43	7 11
T 26	23 20	10 48	3 47	19 19	3 46	21 30	1 39	18 24	1 16	8 54	1 17	7 46	1 50	0 13	0 43	19 19	1 36	18 48	13 48	3 54	3 43	18 14	15 43	7 11
F 27	23 18	13 43	4 24	19 9	3 59	21 15	1 39	18 14	1 16	8 55	1 17	7 46	1 50	0 12	0 43	19 19	1 37	18 48	13 48	3 57	3 44	18 13	15 43	7 11
S 28	23 15	16 1	4 48	19 0	4 10	20 58	1 40	18 3	1 16	8 55	1 17	7 46	1 50	0 12	0 43	19 20	1 37	18 49	13 48	4 0	3 45	18 13	15 43	7 11
S 29	23 12	17 36	5 0	18 53	4 20	20 42	1 40	17 52	1 15	8 56	1 16	7 47	1 50	0 11	0 43	19 20	1 37	18 49	13 49	4 5				

SWISS EPHEMERIS for the year 2053

JULY 2053

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	18 38 4	9 ^h 39'15"	8 ^h 34'	6°R40	7 ^h 10'10"	15 ^h 04'	26 ^h 16'	14°R32	1 ^h 14'	3 ^h 56'	14°R27	19°R17	20 ^h 21'	10 ^h 12'	11°R53	
W 2	18 42 1	10°36'26"	20°37'	6 ^h 07'	8°22'	15°41'	26°18'	14 ^h 31'	1°15'	3°58'	14 ^h 26'	19 ^h 05'	20°18'	10°18'	11 ^h 49'	
T 3	18 45 57	11°33'37"	2 ^h 29'	5°36'	9°34'	16°18'	26°19'	14°31'	1°16'	4°0'	14°26'	18°55'	20°15'	10°25'	11°45'	
F 4	18 49 54	12°30'49"	14°24'	5°8'	10°47'	16°55'	26°21'	14°30'	1°18'	4°2'	14°25'	18°48'	20°12'	10°32'	11°42'	
S 5	18 53 50	13°28'00"	26°24'	4°42'	11°59'	17°32'	26°23'	14°29'	1°19'	4°3'	14°25'	18°43'	20°9'	10°38'	11°38'	
S 6	18 57 47	14°25'11"	8 ^h 32'	4°20'	13°11'	18°9'	26°26'	14°28'	1°20'	4°5'	14°24'	18°41'	20°5'	10°45'	11°34'	
M 7	19 1 143	15°22'23"	20°52'	4°2'	14°23'	18°46'	26°28'	14°27'	1°22'	4°7'	14°24'	18°D40	20°2'	10°52'	11°30'	
T 8	19 5 40	16°19'35"	3 ^h 17'	3°48'	15°36'	19°23'	26°31'	14°25'	1°23'	4°9'	14°23'	18°41'	19°59'	10°59'	11°26'	
W 9	19 9 36	17°16'47"	16°23'	3°39'	16°48'	20°1'	26°34'	14°24'	1°25'	4°11'	14°23'	18°R41	19°56'	11°5'	11°23'	
T 10	19 13 33	18°14'00"	29°42'	3°D35	18°0'	20°38'	26°37'	14°23'	1°27'	4°12'	14°22'	18°41'	19°53'	11°12'	11°19'	
F 11	19 17 30	19°11'13"	13 ^h 28'	3°36'	19°12'	21°15'	26°40'	14°21'	1°28'	4°14'	14°22'	18°38'	19°49'	11°19'	11°15'	
S 12	19 21 26	20°8'27"	27°42'	3°41'	20°24'	21°52'	26°43'	14°19'	1°30'	4°16'	14°21'	18°34'	19°46'	11°25'	11°11'	
S 13	19 25 23	21°5'42"	12 ^h 22'	3°53'	21°36'	22°29'	26°46'	14°18'	1°32'	4°17'	14°20'	18°27'	19°43'	11°32'	11°8'	
M14	19 29 19	22°2'56"	27°23'	4°9'	22°48'	23°6'	26°50'	14°16'	1°34'	4°19'	14°20'	18°19'	19°40'	11°39'	11°4'	
T 15	19 33 16	23°0'12"	12 ^h 36'	4°31'	24°0'	23°44'	26°54'	14°14'	1°36'	4°21'	14°19'	18°11'	19°37'	11°46'	11°0'	
W16	19 37 12	23°57'27"	27°52'	4°58'	25°12'	24°21'	26°58'	14°12'	1°38'	4°22'	14°18'	18°4'	19°34'	11°52'	10°57'	
T 17	19 41 9	24°54'43"	12 ^h 59'	5°31'	26°24'	24°58'	27°2'	14°10'	1°40'	4°24'	14°18'	17°58'	19°30'	11°59'	10°53'	
F 18	19 45 6	25°51'59"	27°47'	6°9'	27°36'	25°35'	27°6'	14°8'	1°42'	4°25'	14°17'	17°54'	19°27'	12°6'	10°49'	
S 19	19 49 2	26°49'15"	12 ^h 11'	6°52'	28°47'	26°13'	27°11'	14°5'	1°44'	4°27'	14°16'	17°D52	19°24'	12°12'	10°46'	
S 20	19 52 59	27°46'32"	26°8'	7°40'	29°59'	26°50'	27°15'	14°3'	1°46'	4°28'	14°15'	17°53'	19°21'	12°19'	10°42'	
M21	19 56 55	28°43'48"	9 ^h 37'	8°34'	1 ^h 11'	27°27'	27°20'	14°1'	1°48'	4°30'	14°14'	17°54'	19°18'	12°26'	10°39'	
T 22	20 0 52	29°41'05"	22°41'	9°33'	2°22'	28°5'	27°25'	13°58'	1°50'	4°31'	14°14'	17°55'	19°15'	12°33'	10°35'	
W23	20 4 48	0 ^h 38'22"	5 ^h 22'	10°37'	3°34'	28°42'	27°30'	13°55'	1°52'	4°33'	14°13'	17°R55	19°11'	12°39'	10°32'	
T 24	20 8 45	1°35'40"	17°46'	11°46'	4°46'	29°20'	27°35'	13°53'	1°55'	4°34'	14°12'	17°53'	19°8'	12°46'	10°28'	
F 25	20 12 41	2°32'57"	29°56'	13°0'	5°57'	29°57'	27°41'	13°50'	1°57'	4°36'	14°11'	17°50'	19°5'	12°53'	10°25'	
S 26	20 16 38	3°30'16"	11 ^h 57'	14°19'	7°9'	0 ^h 35'	27°46'	13°47'	1°59'	4°37'	14°10'	17°45'	19°2'	12°59'	10°22'	
S 27	20 20 34	4°27'34"	23°52'	15°42'	8°20'	1°12'	27°52'	13°44'	2°2'	4°38'	14°9'	17°38'	18°59'	13°6'	10°18'	
M28	20 24 31	5°24'54"	5 ^h 34'	17°10'	9°31'	1°50'	27°58'	13°41'	2°4'	4°40'	14°8'	17°30'	18°55'	13°13'	10°15'	
T 29	20 28 28	6°22'13"	17°36'	18°42'	10°43'	2°27'	28°4'	13°38'	2°7'	4°41'	14°8'	17°23'	18°52'	13°20'	10°12'	
W30	20 32 24	7°19'34"	29°30'	20°19'	11°54'	3°5'	28°10'	13°35'	2°9'	4°42'	14°7'	17°16'	18°49'	13°26'	10°9'	
T 31	20 36 21	8 ^h 16'55"	11 ^h 27'	21 ^h 59'	13 ^h 5'	3 ^h 42'	28 ^h 16'	13 ^h 32'	2 ^h 12'	4 ^h 43'	14 ^h 6'	17 ^h 10'	18 ^h 46'	13 ^h 33'	10 ^h 5'	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	23n 5	18s25	4n44	18n41	4s35	20n 6	1n41	17n30	1n15	8s57	1n16	7s47	1s51	0n10	0n43	19n21	1s37	18s50	13s49	4n14	3n49	18s13	15s44	7n12
W 2	23 0	17 36	4 18	18 37	4 40	19 48	1 42	17 18	1 14	8 58	1 15	7 48	1 51	0 10	0 43	19 21	1 37	18 50	13 50	4 19	3 50	18 12	15 44	7 12
T 3	22 56	16 2	3 40	18 35	4 44	19 29	1 42	17 7	1 14	8 59	1 15	7 48	1 51	0 9	0 43	19 21	1 37	18 51	13 50	4 23	3 52	18 12	15 44	7 12
F 4	22 50	13 46	2 52	18 34	4 46	19 10	1 42	16 56	1 14	9 0	1 15	7 49	1 52	0 9	0 43	19 22	1 37	18 51	13 50	4 26	3 53	18 12	15 45	7 12
S 5	22 45	10 54	1 56	18 34	4 47	18 50	1 43	16 44	1 13	9 1	1 15	7 50	1 52	0 8	0 43	19 22	1 37	18 52	13 51	4 28	3 54	18 12	15 45	7 12
S 6	22 39	7 32	0 54	18 35	4 46	18 29	1 42	16 32	1 13	9 2	1 14	7 50	1 52	0 8	0 43	19 22	1 37	18 52	13 51	4 29	3 55	18 12	15 45	7 12
M 7	22 33	3 48	0s12	18 38	4 44	18 8	1 42	16 20	1 13	9 3	1 14	7 51	1 52	0 7	0 43	19 23	1 37	18 53	13 51	4 29	3 57	18 11	15 46	7 12
T 8	22 26	0n11	1 18	18 42	4 40	17 47	1 42	16 9	1 12	9 5	1 14	7 52	1 53	0 6	0 43	19 23	1 37	18 53	13 52	4 29	3 58	18 11	15 46	7 12
W 9	22 19	4 15	2 22	18 47	4 35	17 25	1 42	15 57	1 12	9 6	1 14	7 52	1 53	0 6	0 43	19 23	1 37	18 54	13 52	4 28	3 59	18 11	15 46	7 12
T 10	22 11	8 13	3 21	18 54	4 29	17 2	1 41	15 44	1 12	9 7	1 13	7 53	1 53	0 5	0 43	19 23	1 37	18 54	13 52	4 29	4 0	18 11	15 46	7 12
F 11	22 3	11 54	4 10	19 1	4 22	16 39	1 41	15 32	1 11	9 9	1 13	7 54	1 53	0 4	0 43	19 24	1 37	18 55	13 53	4 30	4 2	18 11	15 47	7 12
S 12	21 55	15 0	4 46	19 10	4 13	16 16	1 40	15 20	1 11	9 10	1 13	7 55	1 53	0 3	0 43	19 24	1 37	18 55	13 53	4 31	4 3	18 10	15 47	7 12
S 13	21 47	17 15	5 4	19 19	4 4	15 52	1 40	15 7	1 10	9 11	1 13	7 56	1 54	0 3	0 43	19 24	1 37	18 56	13 53	4 34	4 4	18 10	15 48	7 12
M14	21 38	18 23	5 2	19 29	3 53	15 28	1 39	14 55	1 10	9 13	1 12	7 57	1 54	0 2	0 43	19 25	1 37	18 56	13 54	4 37	4 5	18 10	15 48	7 12
T 15	21 28	18 13	4 38	19 39	3 42	15 4	1 39	14 42	1 10	9 15	1 12	7 57	1 54	0 1	0 43	19 25	1 37	18 57	13 54	4 40	4 7	18 10	15 48	7 12
W16	21 18	16 44	3 55	19 50	3 30	14 39	1 38	14 30	1 9	9 16	1 12	7 58	1 54	0 0	0 43	19 25	1 37	18 58	13 54	4 43	4 8	18 9	15 49	7 11
T 17	21 8	14 6	2 56	20 1	3 18	14 14	1 37	14 17	1 9	9 18	1 11	7 59	1 55	0s 0	0 43	19 25	1 37	18 58	13 55	4 45	4 9	18 9	15 49	7 11
F 18	20 58	10 35	1 46	20 12	3 5	13 48	1 36	14 4	1 9	9 20	1 11	8 1	1 55	0 1	0 43	19 26	1 37	18 59	13 55	4 47	4 10	18 9	15 49	7 11
S 19	20 47	6 31	0 31	20 24	2 52	13 22	1 35	13 51	1 8	9 22	1 11	8 2	1 55	0 2	0 43	19 26	1 37	18 59	13 55	4 47	4 12	18 9	15 50	7 11
S 20	20 36	2 13	0n44	20 35	2 38	12 56	1 34	13 38	1 8	9 24	1 11	8 3	1 55	0 3	0 42	19 26	1 37	19 0	13 55	4 47	4 13	18 8	15 50	7 11
M21	20 24	2s 3	1 55	20 46	2 24	12 30	1 33	13 25	1 8	9 25	1 10	8 4	1 55	0 4	0 42	19 26	1 37	19 0	13 56	4 47	4 14	18 8	15 51	7 11
T 22	20 13	6 5	2 56	20 56	2 9	12 3	1 31	13 11	1 7	9 27	1 10	8 5	1 56	0 5	0 42	19 26	1 37	19 1	13 56	4 47	4 15	18 8	15 51	7 11
W23	20 0	9 43	3 48	21 6	1 55	11 35	1 30	12 58	1 7	9 30	1 10	8 6	1 56	0 6	0 42	19 27	1 37	19 1	13 56	4 47	4 17	18 8	15 51	7 11
T 24	19 48	12 50	4 27	21 14	1 40	11 8	1 28	12 45	1 7	9 32	1 10	8 7	1 56	0 7	0 42	19 27	1 37	19 2	13 56	4 47	4 18	18 7	15 52	7 10
F 25	19 35	15 20	4 54	21 22	1 26	10 40	1 27	12 31	1 6	9 34	1 9	8 9	1 56	0 8	0 42	19 27	1 37	19 3	13 57	4 48	4 19	18 7	15 52	7 10
S 26	19 22	17 9	5 7	21 28	1 12	10 12	1 25	12 18	1 6	9 36	1 9	8 10	1 56	0 9	0 42	19 27	1 37	19 3	13 57	4 51	4 20	18 7	15 53	7 10
S 27	19 8	18 11	5 7	21 33	0 57	9 44	1 24	12 4	1 6	9 38	1 9	8 11	1 57	0 10	0 42	19 28	1 38	19 4	13 57	4 53	4 22	18 7	15 53	7 10
M28	18 55	18 25	4 53	21 37	0 43	9 16	1 22	11 50	1 5	9 41	1 9													

SWISS EPHEMERIS for the year 2053

AUGUST 2053

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	20 40 17	9♈14'17	23♋30	23♋44	14♉16	4♉20	28♌22	13♌R28	2♌14	4♌45	14♌R 5	17♌R 6	18♌43	13♌40	10♌R 2	
S 2	20 44 14	10°11'40	5♋39	25°31	15°27	4°57	28°29	13♋25	2°17	4°46	14♋ 4	17♋ 3	18°40	13°46	9♌59	
S 3	20 48 10	11° 9'03	17°57	27°22	16°38	5°35	28°36	13°22	2°20	4°47	14° 3	17°D 3	18°36	13°53	9°56	
M 4	20 52 7	12° 6'28	0♈27	29°16	17°49	6°13	28°42	13°18	2°22	4°48	14° 2	17° 3	18°33	14° 0	9°53	
T 5	20 56 3	13° 3'54	13°10	1♈12	19° 0	6°50	28°49	13°14	2°25	4°49	14° 1	17° 5	18°30	14° 6	9°51	
W 6	21 0 0	14° 1'21	26°11	3°10	20°11	7°28	28°56	13°11	2°28	4°50	14° 0	17° 6	18°27	14°13	9°48	
T 7	21 3 57	14°58'50	9♌30	5°10	21°22	8° 6	29° 4	13° 7	2°31	4°51	13°59	17°R 7	18°24	14°20	9°45	
F 8	21 7 53	15°56'20	23°12	7°11	22°33	8°44	29°11	13° 3	2°33	4°52	13°57	17° 7	18°21	14°27	9°42	
S 9	21 11 50	16°53'51	7♌16	9°14	23°44	9°21	29°18	13° 0	2°36	4°53	13°56	17° 6	18°17	14°33	9°40	
S 10	21 15 46	17°51'23	21°41	11°17	24°54	9°59	29°26	12°56	2°39	4°54	13°55	17° 3	18°14	14°40	9°37	
M 11	21 19 43	18°48'57	6♌25	13°20	26° 5	10°37	29°34	12°52	2°42	4°55	13°54	17° 0	18°11	14°47	9°35	
T 12	21 23 39	19°46'33	21°21	15°24	27°15	11°15	29°41	12°48	2°45	4°56	13°53	16°56	18° 8	14°53	9°32	
W 13	21 27 36	20°44'09	6♌22	17°28	28°26	11°53	29°49	12°44	2°48	4°57	13°52	16°53	18° 5	15° 0	9°30	
T 14	21 31 32	21°41'47	21°18	19°31	29°36	12°31	29°57	12°40	2°51	4°58	13°51	16°50	18° 1	15° 7	9°27	
F 15	21 35 29	22°39'26	6♉ 2	21°33	0♌47	13° 9	0♌ 6	12°36	2°54	4°58	13°50	16°48	17°58	15°14	9°25	
S 16	21 39 26	23°37'06	20°26	23°35	1°57	13°47	0°14	12°31	2°58	4°59	13°48	16°D48	17°55	15°20	9°23	
S 17	21 43 22	24°34'47	4♌25	25°36	3° 7	14°25	0°22	12°27	3° 1	5° 0	13°47	16°49	17°52	15°27	9°21	
M 18	21 47 19	25°32'30	17°59	27°35	4°17	15° 3	0°31	12°23	3° 4	5° 0	13°46	16°50	17°49	15°34	9°19	
T 19	21 51 15	26°30'13	1♌ 8	29°34	5°27	15°41	0°40	12°19	3° 7	5° 1	13°45	16°52	17°46	15°40	9°17	
W 20	21 55 12	27°27'57	13°54	1♉31	6°37	16°19	0°48	12°14	3°10	5° 2	13°44	16°53	17°42	15°47	9°15	
T 21	21 59 8	28°25'43	26°20	3°28	7°47	16°57	0°57	12°10	3°14	5° 2	13°43	16°R53	17°39	15°54	9°13	
F 22	22 3 5	29°23'30	8♌31	5°23	8°57	17°35	1° 6	12° 6	3°17	5° 3	13°41	16°53	17°36	16° 1	9°11	
S 23	22 7 1	0♈21'18	20°32	7°16	10° 7	18°13	1°15	12° 1	3°20	5° 3	13°40	16°52	17°33	16° 7	9° 9	
S 24	22 10 58	1°19'07	2♌26	9° 8	11°17	18°51	1°24	11°57	3°23	5° 4	13°39	16°50	17°30	16°14	9° 8	
M 25	22 14 55	2°16'57	14°18	10°59	12°26	19°29	1°34	11°52	3°27	5° 4	13°38	16°48	17°27	16°21	9° 6	
T 26	22 18 51	3°14'49	26°11	12°49	13°36	20° 8	1°43	11°48	3°30	5° 5	13°37	16°46	17°23	16°27	9° 5	
W 27	22 22 48	4°12'41	8♌ 8	14°37	14°45	20°46	1°53	11°43	3°34	5° 5	13°35	16°44	17°20	16°34	9° 3	
T 28	22 26 44	5°10'36	20°12	16°24	15°55	21°24	2° 2	11°39	3°37	5° 6	13°34	16°43	17°17	16°41	9° 2	
F 29	22 30 41	6° 8'31	2♌25	18°10	17° 4	22° 3	2°12	11°34	3°40	5° 6	13°33	16°42	17°14	16°47	9° 1	
S 30	22 34 37	7° 6'29	14°48	19°54	18°13	22°41	2°22	11°30	3°44	5° 6	13°32	16°D42	17°11	16°54	9° 0	
S 31	22 38 34	8♉ 4'28	27♌23	21♉37	19♌22	23♉19	2♌32	11♌25	3♌47	5♌ 6	13♌30	16♉42	17♉ 7	17♌ 1	8♌58	

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	17n56	11s43	2n 5	21n30	0n 9	7n19	1n14	10n54	1n 4	9s50	1n 8	8s18	1s58	0s15	0n42	19n28	1s38	19s 7	13s58	5n 6	4n28	18s 5	15s56	7n 9
S 2	17 41	8 29	1 2	21 22	0 21	6 50	1 12	10 40	1 3	9 53	1 8	8 20	1 58	0 16	0 42	19 29	1 38	19 7	13 59	5 7	4 29	18 5	15 56	7 8
S 3	17 25	4 50	0s 5	21 12	0 32	6 20	1 9	10 26	1 3	9 55	1 7	8 21	1 58	0 17	0 42	19 29	1 38	19 8	13 59	5 7	4 30	18 5	15 57	7 8
M 4	17 9	0 56	1 13	20 59	0 43	5 50	1 7	10 12	1 3	9 58	1 7	8 23	1 58	0 18	0 42	19 29	1 38	19 9	13 59	5 7	4 32	18 4	15 57	7 8
T 5	16 53	3n 5	2 18	20 44	0 52	5 20	1 5	9 58	1 2	10 1	1 7	8 24	1 58	0 19	0 42	19 29	1 38	19 9	13 59	5 6	4 33	18 4	15 58	7 7
W 6	16 37	7 2	3 18	20 26	1 1	4 50	1 2	9 43	1 2	10 3	1 7	8 26	1 59	0 20	0 42	19 29	1 38	19 10	14 0	5 5	4 34	18 4	15 58	7 7
T 7	16 20	10 43	4 8	20 5	1 9	4 20	1 1	9 29	1 1	10 6	1 6	8 27	1 59	0 21	0 42	19 29	1 38	19 10	14 0	5 5	4 35	18 3	15 59	7 7
F 8	16 3	13 56	4 46	19 42	1 17	3 50	0 57	9 14	1 1	10 9	1 6	8 29	1 59	0 23	0 42	19 29	1 38	19 11	14 0	5 5	4 37	18 3	15 59	7 6
S 9	15 46	16 26	5 9	19 17	1 23	3 19	0 54	9 0	1 1	10 12	1 6	8 31	1 59	0 24	0 42	19 30	1 38	19 12	14 0	5 6	4 38	18 3	16 0	7 6
S 10	15 28	17 59	5 12	18 49	1 29	2 49	0 52	8 45	1 0	10 15	1 6	8 32	1 59	0 25	0 42	19 30	1 38	19 12	14 0	5 7	4 39	18 2	16 0	7 6
M 11	15 11	18 21	4 55	18 18	1 34	2 18	0 49	8 30	1 0	10 17	1 6	8 34	1 59	0 26	0 42	19 30	1 38	19 13	14 0	5 8	4 40	18 2	16 1	7 5
T 12	14 53	17 28	4 19	17 46	1 38	1 47	0 46	8 16	0 59	10 20	1 5	8 36	1 59	0 27	0 42	19 30	1 38	19 13	14 1	5 9	4 41	18 2	16 1	7 5
W 13	14 35	15 23	3 24	17 12	1 41	1 17	0 43	8 1	0 59	10 23	1 5	8 37	2 0	0 29	0 42	19 30	1 38	19 14	14 1	5 11	4 43	18 1	16 2	7 5
T 14	14 16	12 15	2 16	16 36	1 43	0 46	0 40	7 46	0 59	10 26	1 5	8 39	2 0	0 30	0 42	19 30	1 38	19 15	14 1	5 12	4 44	18 1	16 2	7 4
F 15	13 57	8 23	0 59	15 58	1 45	0 15	0 37	7 31	0 58	10 29	1 5	8 41	2 0	0 31	0 42	19 30	1 38	19 15	14 1	5 12	4 45	18 1	16 3	7 4
S 16	13 39	4 6	0n20	15 19	1 46	0s16	0 33	7 16	0 58	10 33	1 4	8 42	2 0	0 32	0 42	19 30	1 38	19 16	14 1	5 13	4 46	18 0	16 3	7 4
S 17	13 19	0s18	1 36	14 39	1 46	0 47	0 30	7 1	0 58	10 36	1 4	8 44	2 0	0 34	0 42	19 30	1 39	19 16	14 1	5 12	4 48	18 0	16 4	7 3
M 18	13 0	4 32	2 44	13 57	1 45	1 18	0 27	6 46	0 57	10 39	1 4	8 46	2 0	0 35	0 42	19 30	1 39	19 17	14 2	5 12	4 49	18 0	16 4	7 3
T 19	12 41	8 25	3 41	13 15	1 44	1 48	0 23	6 31	0 57	10 42	1 4	8 48	2 0	0 36	0 42	19 31	1 39	19 18	14 2	5 11	4 50	17 59	16 5	7 2
W 20	12 21	11 47	4 25	12 31	1 42	2 19	0 20	6 16	0 56	10 45	1 4	8 49	2 1	0 38	0 42	19 31	1 39	19 18	14 2	5 11	4 51	17 59	16 5	7 2
T 21	12 1	14 32	4 56	11 47	1 40	2 50	0 17	6 1	0 56	10 49	1 3	8 51	2 1	0 39	0 41	19 31	1 39	19 19	14 2	5 11	4 53	17 59	16 6	7 2
F 22	11 41	16 34	5 12	11 3	1 37	3 21	0 13	5 45	0 55	10 52	1 3	8 53	2 1	0 40	0 41	19 31	1 39	19 19	14 2	5 11	4 54	17 58	16 7	7 1
S 23	11 21	17 51	5 15	10 17	1 34	3 52	0 9	5 30	0 55	10 55	1 3	8 55	2 1	0 41	0 41	19 31	1 39	19 20	14 2	5 11	4 55	17 58	16 7	7 1
S 24	11 0	18 20	5 4	9 32	1 30	4 22	0 6	5 15	0 55	10 59	1 3	8 57	2 1</											

SWISS EPHEMERIS for the year 2053

SEPTEMBER 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
M 1	22 42 30	9 ^h 2'28"	10 ^h 10'	23 ^h 19'	20 ^h 31'	23 ^h 58'	2 ^h 42'	11 ^h 20'	3 ^h 51'	5 ^h 11'	13 ^h 29'	16 ^h 42'	17 ^h 4'	17 ^h 8'	8 ^h 57'
T 2	22 46 27	10 ^h 0'30"	23 ^h 11'	24 ^h 59'	21 ^h 40'	24 ^h 36'	2 ^h 52'	11 ^h 16'	3 ^h 54'	5 ^h 7'	13 ^h 28'	16 ^h 43'	17 ^h 1'	17 ^h 14'	8 ^h 56'
W 3	22 50 24	10 ^h 58'35"	6 ^h 26'	26 ^h 38'	22 ^h 49'	25 ^h 15'	3 ^h 2'	11 ^h 01'	3 ^h 58'	5 ^h 7'	13 ^h 27'	16 ^h 43'	16 ^h 58'	17 ^h 21'	8 ^h 56'
T 4	22 54 20	11 ^h 56'41"	19 ^h 56'	28 ^h 16'	23 ^h 57'	25 ^h 53'	3 ^h 12'	11 ^h 7'	4 ^h 2'	5 ^h 7'	13 ^h 25'	16 ^h 44'	16 ^h 55'	17 ^h 28'	8 ^h 55'
F 5	22 58 17	12 ^h 54'49"	3 ^h 11'41"	29 ^h 53'	25 ^h 6'	26 ^h 32'	3 ^h 23'	11 ^h 2'	4 ^h 5'	5 ^h 7'	13 ^h 24'	16 ^h 44'	16 ^h 52'	17 ^h 34'	8 ^h 54'
S 6	23 2 13	13 ^h 52'59"	17 ^h 40'	1 ^h 29'	26 ^h 14'	27 ^h 10'	3 ^h 33'	10 ^h 58'	4 ^h 9'	5 ^h 7'	13 ^h 23'	16 ^h 44'	16 ^h 48'	17 ^h 41'	8 ^h 53'
S 7	23 6 10	14 ^h 51'11"	1 ^h 53'	3 ^h 3'	27 ^h 23'	27 ^h 49'	3 ^h 43'	10 ^h 53'	4 ^h 12'	5 ^h 7'	13 ^h 22'	16 ^h 44'	16 ^h 45'	17 ^h 48'	8 ^h 53'
M 8	23 10 6	15 ^h 49'26"	16 ^h 18'	4 ^h 36'	28 ^h 31'	28 ^h 27'	3 ^h 54'	10 ^h 48'	4 ^h 16'	5 ^h 7'	13 ^h 20'	16 ^h 44'	16 ^h 42'	17 ^h 54'	8 ^h 52'
T 9	23 14 3	16 ^h 47'42"	0 ^h 25'	6 ^h 8'	29 ^h 39'	29 ^h 6'	4 ^h 5'	10 ^h 44'	4 ^h 20'	5 ^h 7'	13 ^h 19'	16 ^h 44'	16 ^h 39'	18 ^h 1'	8 ^h 52'
W10	23 17 59	17 ^h 46'00"	15 ^h 26'	7 ^h 39'	0 ^h 47'	29 ^h 45'	4 ^h 16'	10 ^h 39'	4 ^h 23'	5 ^h 7'	13 ^h 18'	16 ^h 44'	16 ^h 36'	18 ^h 8'	8 ^h 52'
T 11	23 21 56	18 ^h 44'20"	29 ^h 59'	9 ^h 9'	1 ^h 55'	0 ^h 23'	4 ^h 26'	10 ^h 35'	4 ^h 27'	5 ^h 7'	13 ^h 17'	16 ^h 44'	16 ^h 32'	18 ^h 15'	8 ^h 52'
F 12	23 25 53	19 ^h 42'43"	14 ^h 11'24"	10 ^h 37'	3 ^h 3'	1 ^h 2'	4 ^h 37'	10 ^h 30'	4 ^h 31'	5 ^h 7'	13 ^h 15'	16 ^h 44'	16 ^h 29'	18 ^h 21'	8 ^h 51'
S 13	23 29 49	20 ^h 41'06"	28 ^h 35'	12 ^h 4'	4 ^h 11'	1 ^h 41'	4 ^h 48'	10 ^h 26'	4 ^h 34'	5 ^h 7'	13 ^h 14'	16 ^h 44'	16 ^h 26'	18 ^h 28'	8 ^h 51'
S 14	23 33 46	21 ^h 39'32"	12 ^h 28'	13 ^h 30'	5 ^h 19'	2 ^h 20'	4 ^h 59'	10 ^h 21'	4 ^h 38'	5 ^h 7'	13 ^h 13'	16 ^h 44'	16 ^h 23'	18 ^h 35'	8 ^h 51'
M15	23 37 42	22 ^h 38'00"	25 ^h 59'	14 ^h 55'	6 ^h 26'	2 ^h 59'	5 ^h 11'	10 ^h 17'	4 ^h 42'	5 ^h 6'	13 ^h 12'	16 ^h 43'	16 ^h 20'	18 ^h 41'	8 ^h 51'
T 16	23 41 39	23 ^h 36'29"	9 ^h 11'	16 ^h 19'	7 ^h 34'	3 ^h 38'	5 ^h 22'	10 ^h 13'	4 ^h 46'	5 ^h 6'	13 ^h 10'	16 ^h 43'	16 ^h 17'	18 ^h 48'	8 ^h 52'
W17	23 45 35	24 ^h 35'00"	21 ^h 57'	17 ^h 41'	8 ^h 41'	4 ^h 16'	5 ^h 33'	10 ^h 8'	4 ^h 49'	5 ^h 6'	13 ^h 9'	16 ^h 42'	16 ^h 13'	18 ^h 55'	8 ^h 52'
T 18	23 49 32	25 ^h 33'32"	4 ^h 27'57"	19 ^h 2'	9 ^h 48'	4 ^h 55'	5 ^h 44'	10 ^h 4'	4 ^h 53'	5 ^h 5'	13 ^h 8'	16 ^h 41'	16 ^h 10'	19 ^h 1'	8 ^h 52'
F 19	23 53 28	26 ^h 32'07"	16 ^h 39'	20 ^h 21'	10 ^h 55'	5 ^h 34'	5 ^h 56'	9 ^h 59'	4 ^h 57'	5 ^h 5'	13 ^h 7'	16 ^h 40'	16 ^h 7'	19 ^h 8'	8 ^h 53'
S 20	23 57 25	27 ^h 30'42"	28 ^h 40'	21 ^h 40'	12 ^h 2'	6 ^h 13'	6 ^h 7'	9 ^h 55'	5 ^h 1'	5 ^h 5'	13 ^h 5'	16 ^h 40'	16 ^h 4'	19 ^h 15'	8 ^h 53'
S 21	0 1 21	28 ^h 29'20"	10 ^h 34'	22 ^h 56'	13 ^h 8'	6 ^h 52'	6 ^h 19'	9 ^h 51'	5 ^h 4'	5 ^h 4'	13 ^h 4'	16 ^h 40'	16 ^h 1'	19 ^h 22'	8 ^h 54'
M22	0 5 18	29 ^h 27'59"	22 ^h 26'	24 ^h 12'	14 ^h 15'	7 ^h 31'	6 ^h 31'	9 ^h 47'	5 ^h 8'	5 ^h 4'	13 ^h 3'	16 ^h 41'	15 ^h 58'	19 ^h 28'	8 ^h 55'
T 23	0 9 15	0 ^h 26'40"	4 ^h 20'	25 ^h 25'	15 ^h 21'	8 ^h 11'	6 ^h 42'	9 ^h 43'	5 ^h 12'	5 ^h 3'	13 ^h 2'	16 ^h 42'	15 ^h 54'	19 ^h 35'	8 ^h 55'
W24	0 13 11	1 ^h 25'23"	16 ^h 20'	26 ^h 37'	16 ^h 27'	8 ^h 50'	6 ^h 54'	9 ^h 39'	5 ^h 16'	5 ^h 3'	13 ^h 1'	16 ^h 44'	15 ^h 51'	19 ^h 42'	8 ^h 56'
T 25	0 17 8	2 ^h 24'07"	28 ^h 30'	27 ^h 47'	17 ^h 33'	9 ^h 29'	7 ^h 6'	9 ^h 35'	5 ^h 19'	5 ^h 2'	13 ^h 0'	16 ^h 45'	15 ^h 48'	19 ^h 48'	8 ^h 57'
F 26	0 21 4	3 ^h 22'54"	10 ^h 54'	28 ^h 56'	18 ^h 39'	10 ^h 8'	7 ^h 18'	9 ^h 31'	5 ^h 23'	5 ^h 2'	12 ^h 58'	16 ^h 45'	15 ^h 45'	19 ^h 55'	8 ^h 58'
S 27	0 25 1	4 ^h 21'42"	23 ^h 32'	0 ^h 11'	19 ^h 45'	10 ^h 47'	7 ^h 30'	9 ^h 27'	5 ^h 27'	5 ^h 1'	12 ^h 57'	16 ^h 45'	15 ^h 42'	20 ^h 2'	8 ^h 59'
S 28	0 28 57	5 ^h 20'32"	6 ^h 26'	1 ^h 6'	20 ^h 50'	11 ^h 27'	7 ^h 42'	9 ^h 23'	5 ^h 31'	5 ^h 0'	12 ^h 56'	16 ^h 44'	15 ^h 38'	20 ^h 8'	9 ^h 0'
M29	0 32 54	6 ^h 19'24"	19 ^h 36'	2 ^h 8'	21 ^h 56'	12 ^h 6'	7 ^h 54'	9 ^h 19'	5 ^h 35'	5 ^h 0'	12 ^h 55'	16 ^h 43'	15 ^h 35'	20 ^h 15'	9 ^h 2'
T 30	0 36 50	7 ^h 18'18"	3 ^h 2'	3 ^h 11'	23 ^h 11'	12 ^h 45'	8 ^h 11'	9 ^h 15'	5 ^h 38'	4 ^h 11'	12 ^h 54'	16 ^h 40'	15 ^h 32'	20 ^h 22'	9 ^h 3'

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	8n11	2n 5	2s 7	3n22	0n47	8s24	0s25	3n11	0n51	11s26	1n 1	9s11	2s 2	0s54	0n41	19n31	1s39	19s25	14s 3	5n15	5n 6	17s55	16s12	6n57
T 2	7 49	6 5	3 9	2 36	0 40	8 54	0 29	2 55	0 51	11 30	1 1	9 13	2 2	0 55	0 41	19 31	1 39	19 25	14 3	5 15	5 7	17 54	16 13	6 56
W 3	7 27	9 51	4 2	1 51	0 33	9 23	0 34	2 40	0 51	11 34	1 1	9 15	2 2	0 57	0 41	19 31	1 39	19 26	14 3	5 14	5 9	17 54	16 13	6 56
T 4	7 5	13 10	4 43	1 5	0 26	9 53	0 38	2 24	0 50	11 37	1 1	9 16	2 2	0 58	0 41	19 31	1 39	19 27	14 3	5 14	5 10	17 54	16 14	6 55
F 5	6 43	15 49	5 9	0 20	0 19	10 22	0 42	2 8	0 50	11 41	1 1	9 18	2 2	1 0	0 41	19 31	1 40	19 27	14 3	5 14	5 11	17 53	16 14	6 55
S 6	6 20	17 36	5 17	0s25	0 12	10 50	0 46	1 53	0 49	11 45	1 1	9 20	2 2	1 1	0 41	19 31	1 40	19 28	14 3	5 14	5 12	17 53	16 15	6 54
S 7	5 58	18 19	5 6	1 9	0 4	11 19	0 50	1 37	0 49	11 48	1 0	9 22	2 2	1 2	0 41	19 31	1 40	19 28	14 3	5 14	5 14	17 52	16 15	6 54
M 8	5 35	17 52	4 36	1 53	0s 4	11 48	0 55	1 21	0 48	11 52	1 0	9 24	2 2	1 4	0 41	19 31	1 40	19 29	14 3	5 14	5 15	17 52	16 16	6 53
T 9	5 13	16 15	3 48	2 37	0 11	12 16	0 59	1 5	0 48	11 56	1 0	9 25	2 2	1 5	0 41	19 31	1 40	19 29	14 3	5 14	5 16	17 52	16 16	6 53
W10	4 50	13 34	2 45	3 20	0 19	12 44	1 3	0 50	0 47	12 0	1 0	9 27	2 2	1 7	0 41	19 31	1 40	19 30	14 3	5 14	5 17	17 51	16 17	6 52
T 11	4 27	10 2	1 32	4 2	0 27	13 12	1 7	0 34	0 47	12 3	1 0	9 29	2 2	1 8	0 41	19 30	1 40	19 30	14 3	5 14	5 19	17 51	16 17	6 52
F 12	4 4	5 56	0 13	4 44	0 35	13 39	1 12	0 18	0 47	12 7	1 0	9 31	2 2	1 10	0 41	19 30	1 40	19 31	14 3	5 14	5 20	17 50	16 18	6 51
S 13	3 41	1 34	1n 5	5 26	0 43	14 6	1 16	0 2	0 46	12 11	0 59	9 32	2 2	1 11	0 41	19 30	1 40	19 31	14 3	5 14	5 21	17 50	16 18	6 51
S 14	3 18	2s48	2 18	6 7	0 51	14 33	1 20	0s14	0 46	12 15	0 59	9 34	2 2	1 13	0 41	19 30	1 40	19 32	14 3	5 14	5 22	17 49	16 19	6 50
M15	2 55	6 55	3 21	6 47	0 59	15 0	1 25	0 29	0 45	12 19	0 59	9 36	2 2	1 14	0 41	19 30	1 40	19 32	14 3	5 14	5 24	17 49	16 19	6 50
T 16	2 32	10 34	4 11	7 27	1 7	15 26	1 29	0 45	0 45	12 23	0 59	9 37	2 2	1 16	0 41	19 30	1 40	19 32	14 3	5 15	5 25	17 49	16 20	6 49
W17	2 9	13 36	4 48	8 6	1 15	15 52	1 34	1 1	0 44	12 27	0 59	9 39	2 2	1 17	0 41	19 30	1 40	19 33	14 3	5 15	5 26	17 48	16 20	6 49
T 18	1 46	15 57	5 10	8 44	1 23	16 18	1 38	1 17	0 44	12 30	0 59	9 41	2 2	1 19										

SWISS EPHEMERIS for the year 2053

OCTOBER 2053

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	0 40 47	8♌17'14	16♋41	4♌ 4	24♌ 6	13♌25	8♌18	9°R11	5♌42	4°R58	12°R53	16°R37	15♌29	20♌29	9♌ 4	
T 2	0 44 44	9°16'13	0♌11	4°58	25°10	14° 4	8°30	9♌ 8	5°46	4♌57	12♌52	16♌34	15°26	20°35	9° 6	
F 3	0 48 40	10°15'14	14°31	5°48	26°15	14°43	8°42	9° 4	5°50	4°57	12°50	16°31	15°23	20°42	9° 8	
S 4	0 52 37	11°14'17	28°36	6°36	27°19	15°23	8°55	9° 1	5°54	4°56	12°49	16°30	15°19	20°49	9° 9	
S 5	0 56 33	12°13'22	12♌46	7°19	28°23	16° 2	9° 7	8°57	5°57	4°55	12°48	16°D29	15°16	20°55	9°11	
M 6	1 0 30	13°12'30	26°58	7°59	29°27	16°42	9°19	8°54	6° 1	4°54	12°47	16°30	15°13	21° 2	9°13	
T 7	1 4 26	14°11'40	11♌10	8°34	0♌31	17°22	9°32	8°51	6° 5	4°53	12°46	16°31	15°10	21° 9	9°15	
W 8	1 8 23	15°10'53	25°19	9° 4	1°34	18° 1	9°44	8°47	6° 9	4°52	12°45	16°32	15° 7	21°15	9°17	
T 9	1 12 19	16°10'08	9♌25	9°29	2°37	18°41	9°57	8°44	6°12	4°51	12°44	16°R33	15° 3	21°22	9°19	
F 10	1 16 16	17° 9'25	23°23	9°48	3°40	19°21	10° 9	8°41	6°16	4°50	12°43	16°33	15° 0	21°29	9°21	
S 11	1 20 13	18° 8'44	7♌11	10° 1	4°43	20° 0	10°22	8°38	6°20	4°49	12°42	16°32	14°57	21°36	9°23	
S 12	1 24 9	19° 8'05	20°45	10°R 7	5°45	20°40	10°35	8°35	6°24	4°48	12°41	16°29	14°54	21°42	9°25	
M13	1 28 6	20° 7'28	4♌ 5	10° 6	6°47	21°20	10°47	8°32	6°27	4°47	12°40	16°24	14°51	21°49	9°28	
T 14	1 32 2	21° 6'53	17° 7	9°58	7°49	22° 0	11° 0	8°29	6°31	4°46	12°39	16°18	14°48	21°56	9°30	
W15	1 35 59	22° 6'20	29°51	9°41	8°50	22°40	11°13	8°27	6°35	4°45	12°38	16°12	14°44	22° 2	9°33	
T 16	1 39 55	23° 5'50	12♌19	9°17	9°51	23°20	11°26	8°24	6°38	4°44	12°38	16° 6	14°41	22° 9	9°35	
F 17	1 43 52	24° 5'20	24°31	8°43	10°52	24° 0	11°38	8°22	6°42	4°42	12°37	16° 1	14°38	22°16	9°38	
S 18	1 47 48	25° 4'53	6♌33	8° 1	11°53	24°40	11°51	8°19	6°46	4°41	12°36	15°57	14°35	22°22	9°41	
S 19	1 51 45	26° 4'28	18°26	7°11	12°53	25°20	12° 4	8°17	6°49	4°40	12°35	15°55	14°32	22°29	9°43	
M20	1 55 41	27° 4'04	0♌17	6°13	13°52	26° 0	12°17	8°15	6°53	4°39	12°34	15°D55	14°29	22°36	9°46	
T 21	1 59 38	28° 3'42	12°10	5° 9	14°52	26°40	12°30	8°13	6°57	4°37	12°33	15°56	14°25	22°42	9°49	
W22	2 3 35	29° 3'21	24°10	3°59	15°51	27°20	12°43	8°11	7° 0	4°36	12°32	15°58	14°22	22°49	9°52	
T 23	2 7 31	0♌ 3'03	6♌23	2°45	16°49	28° 0	12°56	8° 9	7° 4	4°35	12°32	15°59	14°19	22°56	9°55	
F 24	2 11 28	1° 2'46	18°52	1°30	17°47	28°40	13° 9	8° 7	7° 7	4°33	12°31	15°R59	14°16	23° 3	9°59	
S 25	2 15 24	2° 2'31	1°V40	0°15	18°45	29°21	13°22	8° 5	7°11	4°32	12°30	15°58	14°13	23° 9	10° 2	
S 26	2 19 21	3° 2'17	14°51	29♌ 3	19°42	0♌ 1	13°35	8° 3	7°14	4°31	12°29	15°55	14° 9	23°16	10° 5	
M27	2 23 17	4° 2'06	28°22	27°55	20°39	0°41	13°48	8° 2	7°18	4°29	12°29	15°49	14° 6	23°23	10° 8	
T 28	2 27 14	5° 1'56	12♌14	26°55	21°35	1°22	14° 1	8° 0	7°21	4°28	12°28	15°42	14° 3	23°29	10°12	
W29	2 31 10	6° 1'49	26°22	26° 3	22°31	2° 2	14°14	7°59	7°25	4°26	12°27	15°34	14° 0	23°36	10°15	
T 30	2 35 7	7° 1'44	10♌41	25°22	23°26	2°43	14°27	7°58	7°28	4°25	12°27	15°25	13°57	23°43	10°19	
F 31	2 39 4	8♌ 1'40	25♌ 5	24♌51	24♌21	3♌23	14♌41	7♌56	7♌32	4♌24	12♌26	15♌18	13♌54	23♌49	10♌23	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	3s17	12n27	4s33	15s38	2s56	21s16	2s34	4s43	0n38	13s22	0n57	10s 0	2s 2	1s38	0n41	19n28	1s41	19s38	14s 2	5n17	5n43	17s42	16s27	6n41
T 2	3 40	15 19	5 2	16 1	3 2	21 36	2 38	4 58	0 37	13 26	0 57	10 2	2 2	1 40	0 41	19 28	1 41	19 39	14 2	5 18	5 44	17 41	16 27	6 41
F 3	4 4	17 20	5 14	16 23	3 7	21 56	2 42	5 14	0 37	13 30	0 57	10 3	2 2	1 41	0 41	19 28	1 41	19 39	14 2	5 19	5 46	17 41	16 28	6 40
S 4	4 27	18 18	5 7	16 43	3 11	22 15	2 46	5 30	0 36	13 34	0 57	10 4	2 2	1 43	0 41	19 27	1 41	19 39	14 2	5 20	5 47	17 40	16 28	6 40
S 5	4 50	18 8	4 42	17 2	3 15	22 33	2 50	5 45	0 36	13 38	0 56	10 5	2 2	1 44	0 41	19 27	1 41	19 40	14 2	5 20	5 48	17 40	16 28	6 39
M 6	5 13	16 50	3 59	17 18	3 19	22 51	2 54	6 1	0 36	13 42	0 56	10 7	2 2	1 46	0 41	19 27	1 41	19 40	14 2	5 20	5 49	17 39	16 29	6 39
T 7	5 36	14 30	3 2	17 32	3 22	23 9	2 58	6 16	0 35	13 46	0 56	10 8	2 2	1 47	0 41	19 27	1 41	19 40	14 1	5 19	5 51	17 39	16 29	6 38
W 8	5 59	11 17	1 54	17 44	3 24	23 26	3 2	6 32	0 35	13 50	0 56	10 9	2 1	1 49	0 41	19 27	1 41	19 40	14 1	5 19	5 52	17 38	16 30	6 38
T 9	6 21	7 26	0 39	17 53	3 26	23 42	3 5	6 48	0 34	13 54	0 56	10 10	2 1	1 50	0 41	19 26	1 41	19 41	14 1	5 18	5 53	17 38	16 30	6 37
F 10	6 44	3 12	0n37	18 0	3 26	23 58	3 9	7 3	0 34	13 58	0 56	10 11	2 1	1 52	0 41	19 26	1 41	19 41	14 1	5 18	5 54	17 37	16 30	6 37
S 11	7 7	1s 9	1 50	18 4	3 26	24 14	3 13	7 18	0 33	14 2	0 56	10 12	2 1	1 53	0 41	19 26	1 41	19 41	14 1	5 19	5 56	17 37	16 31	6 36
S 12	7 29	5 23	2 56	18 4	3 24	24 28	3 16	7 34	0 33	14 6	0 56	10 13	2 1	1 55	0 41	19 26	1 41	19 41	14 1	5 20	5 57	17 36	16 31	6 36
M13	7 52	9 15	3 50	18 2	3 21	24 43	3 20	7 49	0 32	14 10	0 56	10 14	2 1	1 56	0 41	19 25	1 41	19 42	14 0	5 22	5 58	17 36	16 31	6 35
T 14	8 14	12 35	4 32	17 55	3 17	24 56	3 23	8 5	0 32	14 14	0 56	10 15	2 1	1 58	0 41	19 25	1 41	19 42	14 0	5 24	5 59	17 35	16 32	6 35
W15	8 36	15 15	4 58	17 44	3 12	25 10	3 26	8 20	0 31	14 19	0 55	10 16	2 1	1 59	0 41	19 25	1 41	19 42	14 0	5 27	6 0	17 35	16 32	6 34
T 16	8 58	17 8	5 10	17 30	3 5	25 22	3 29	8 35	0 31	14 23	0 55	10 17	2 1	2 0	0 41	19 25	1 41	19 42	14 0	5 29	6 2	17 34	16 32	6 34
F 17	9 20	18 12	5 7	17 10	2 56	25 34	3 33	8 50	0 30	14 27	0 55	10 18	2 1	2 2	0 41	19 24	1 41	19 42	14 0	5 31	6 3	17 34	16 32	6 33
S 18	9 42	18 25	4 51	16 47	2 45	25 46	3 36	9 5	0 30	14 31	0 55	10 19	2 1	2 3	0 41	19 24	1 41	19 43	13 59	5 32	6 4	17 33	16 33	6 33
S 19	10 4	17 50	4 22	16 19	2 33	25 57	3 39	9 21	0 29	14 35	0 55	10 19	2 0	2 5	0 41	19 24	1 41	19 43	13 59	5 33	6 5	17 33	16 33	6 32
M20	10 25	16 27	3 43	15 46	2 19	26 7	3 41	9 36	0 29	14 39	0 55	10 20	2 0	2 6	0 41	19 24	1 42	19 43	13 59	5 33	6 7	17 32	16 33	6 32
T 21	10 47	14 22	2 53	15 9	2 3	26 17	3 44	9 51	0 28	14 43	0 55	10 21	2 0	2 8	0 41	19 23	1 42	19 43	13 59	5 33	6 8	17 32	16 34	6 31
W22	11 8	11 39	1 56	14 29	1 45	26 26	3 47	10 5	0 28	14 47	0 55	10 21	2 0	2 9	0 41	19 23	1 42	19 43	13 59	5 32	6 9	17 31	16 34	6 31
T 23	11 29	8 22	0 52	13 46	1 26	26 35	3 49	10 20	0 27	14 51	0 55	10 22	2 0	2 10	0 41	19 23	1 42	19 43	13 58	5 32	6 10	17 31	16 34	6 31
F 24	11 50	4 39	0s16	13 2	1 6	26 43	3 51	10 35	0 27	14 55	0 55	10 23	2 0	2 12	0 41	19 23	1 42	19 43	13 58	5 31	6 11	17 30	16 34	6 30
S 25	12 11	0 37	1 24	12 16	0 46	26 50	3 54	10 50	0 26	14 59	0 55	10 23	2 0	2 13	0 41	19 22	1 42	19 43	13 58	5 32	6 13	17 30	16 34	6 30
S 26	12 31	3n33	2 29	11 31	0 25	26 57	3 56	11 5	0 25	15 3	0 55	10 24	2 0	2 15	0 41	19 22	1 42	19 43	13 58	5 33	6 14	17 29	16 35	6 29
M27	12 52	7 39	3 28	10 48	0 5	27 3	3 58	11 19	0 25	15 7	0 54	10 24	2 0	2 16	0 41	19 22	1 42	19 43	13 58	5 35	6 15	17 29	16 35	6 29
T 28	13 12	11 26	4 16	10 8	0n15	27 9	4 0	11 34	0 24	15 10	0 54	10 25	1 59	2 17	0 41	19 21	1 42	19 44	13 57	5 38	6 16	17 28	16 35	6 28
W29	13 32	14 38	4 49	9 32	0 34	27 14	4 1	11 48	0 24	15 14														

SWISS EPHEMERIS for the year 2053

NOVEMBER 2053

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	2 43 0	9♍ 1'39	9♌28	24°R32	25♌15	4♍ 4	14♍54	7°R55	7♌35	4°R22	12°R26	15°R12	13♍50	23♌56	10♌26	
S 2	2 46 57	10° 1'40	23°47	24°D24	26° 8	4°44	15° 7	7♌54	7°38	4♍21	12♌25	15♍ 9	13°47	24° 3	10°30	
M 3	2 50 53	11° 1'43	7♌58	24♌28	27° 1	5°25	15°20	7°54	7°42	4°19	12°24	15°D 8	13°44	24° 9	10°34	
T 4	2 54 50	12° 1'49	22° 0	24°43	27°53	6° 5	15°33	7°53	7°45	4°17	12°24	15° 8	13°41	24°16	10°38	
W 5	2 58 46	13° 1'56	5♍52	25° 7	28°45	6°46	15°46	7°52	7°48	4°16	12°23	15° 9	13°38	24°23	10°42	
T 6	3 2 43	14° 2'05	19°34	25°41	29°36	7°27	16° 0	7°52	7°52	4°14	12°23	15°R 9	13°35	24°30	10°46	
F 7	3 6 39	15° 2'17	3♌ 7	26°24	0♌26	8° 8	16°13	7°51	7°55	4°13	12°22	15° 7	13°31	24°36	10°50	
S 8	3 10 36	16° 2'30	16°29	27°14	1°15	8°49	16°26	7°51	7°58	4°11	12°22	15° 3	13°28	24°43	10°54	
S 9	3 14 33	17° 2'46	29°40	28°11	2° 4	9°29	16°39	7°50	8° 1	4°10	12°22	14°57	13°25	24°50	10°58	
M10	3 18 29	18° 3'03	12♍40	29°14	2°51	10°10	16°52	7°50	8° 4	4° 8	12°21	14°47	13°22	24°56	11° 2	
T 11	3 22 26	19° 3'22	25°27	0♍22	3°38	10°51	17° 6	7°D50	8° 7	4° 6	12°21	14°36	13°19	25° 3	11° 7	
W12	3 26 22	20° 3'43	8♌ 1	1°34	4°24	11°32	17°19	7°50	8°10	4° 5	12°20	14°23	13°15	25°10	11°11	
T 13	3 30 19	21° 4'05	20°22	2°50	5°10	12°13	17°32	7°51	8°14	4° 3	12°20	14°11	13°12	25°16	11°15	
F 14	3 34 15	22° 4'29	2♌31	4° 9	5°54	12°54	17°45	7°51	8°17	4° 1	12°20	14° 0	13° 9	25°23	11°20	
S 15	3 38 12	23° 4'55	14°29	5°31	6°37	13°35	17°58	7°51	8°20	4° 0	12°20	13°51	13° 6	25°30	11°24	
S 16	3 42 8	24° 5'22	26°21	6°56	7°19	14°17	18°12	7°52	8°22	3°58	12°19	13°45	13° 3	25°36	11°29	
M17	3 46 5	25° 5'50	8♌10	8°22	8° 0	14°58	18°25	7°52	8°25	3°56	12°19	13°41	13° 0	25°43	11°33	
T 18	3 50 2	26° 6'19	20° 0	9°50	8°40	15°39	18°38	7°53	8°28	3°55	12°19	13°40	12°56	25°50	11°38	
W19	3 53 58	27° 6'50	1♌57	11°19	9°18	16°20	18°51	7°54	8°31	3°53	12°19	13°D40	12°53	25°56	11°43	
T 20	3 57 55	28° 7'22	14° 8	12°49	9°56	17° 2	19° 4	7°55	8°34	3°51	12°19	13°R40	12°50	26° 3	11°47	
F 21	4 1 51	29° 7'55	26°35	14°20	10°32	17°43	19°17	7°56	8°37	3°50	12°18	13°39	12°47	26°10	11°52	
S 22	4 5 48	0♌ 8'30	9°V26	15°52	11° 7	18°24	19°30	7°57	8°39	3°48	12°18	13°37	12°44	26°17	11°57	
S 23	4 9 44	1° 9'05	22°43	17°24	11°40	19° 6	19°44	7°58	8°42	3°46	12°18	13°32	12°40	26°23	12° 2	
M24	4 13 41	2° 9'42	6♌26	18°57	12°12	19°47	19°57	7°59	8°45	3°45	12°18	13°24	12°37	26°30	12° 7	
T 25	4 17 37	3°10'21	20°36	20°30	12°42	20°29	20°10	8° 1	8°47	3°43	12°18	13°14	12°34	26°37	12°12	
W26	4 21 34	4°11'00	5♍ 7	22° 4	13°11	21°10	20°23	8° 2	8°50	3°41	12°D18	13° 2	12°31	26°43	12°17	
T 27	4 25 31	5°11'41	19°53	23°37	13°38	21°52	20°36	8° 4	8°52	3°40	12°18	12°50	12°28	26°50	12°22	
F 28	4 29 27	6°12'24	4♌45	25°11	14° 3	22°33	20°49	8° 6	8°55	3°38	12°18	12°39	12°25	26°57	12°27	
S 29	4 33 24	7°13'07	19°35	26°45	14°27	23°15	21° 2	8° 8	8°57	3°36	12°18	12°31	12°21	27° 3	12°32	
S 30	4 37 20	8♌13'53	4♍14	28♍19	14♌49	23♍57	21♍15	8♌10	9♌ 0	3♍34	12♌18	12♍25	12♍18	27♌10	12♌37	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	14s30	18n27	4s39	8s14	1n22	27s26	4s 5	12s31	0n22	15s26	0n54	10s26	1s59	2s23	0n41	19n20	1s42	19s44	13s56	5n50	6n21	17s26	16s36	6n27
S 2	14 49	17 24	4 0	7 59	1 35	27 29	4 6	12 45	0 22	15 30	0 54	10 26	1 59	2 24	0 41	19 20	1 42	19 44	13 56	5 51	6 22	17 25	16 36	6 26
M 3	15 8	15 17	3 6	7 51	1 45	27 31	4 7	12 59	0 21	15 34	0 54	10 26	1 59	2 25	0 41	19 20	1 42	19 44	13 56	5 51	6 24	17 25	16 36	6 26
T 4	15 16	12 16	2 1	7 48	1 54	27 33	4 8	13 13	0 21	15 38	0 54	10 27	1 58	2 27	0 41	19 19	1 42	19 44	13 56	5 51	6 25	17 24	16 36	6 25
W 5	15 45	8 35	0 50	7 50	2 27	27 34	4 8	13 27	0 20	15 42	0 54	10 27	1 58	2 28	0 41	19 19	1 42	19 44	13 55	5 51	6 26	17 23	16 36	6 25
T 6	16 3	4 29	0n24	7 57	2 7	27 34	4 9	13 41	0 20	15 46	0 54	10 27	1 58	2 29	0 41	19 19	1 42	19 43	13 55	5 51	6 27	17 23	16 36	6 25
F 7	16 20	0 13	1 34	8 8	2 11	27 35	4 9	13 55	0 19	15 49	0 54	10 27	1 58	2 30	0 41	19 19	1 42	19 43	13 55	5 52	6 29	17 22	16 36	6 24
S 8	16 38	4s 2	2 39	8 24	2 14	27 34	4 9	14 8	0 19	15 53	0 54	10 27	1 58	2 32	0 41	19 18	1 42	19 43	13 54	5 53	6 30	17 22	16 36	6 24
S 9	16 55	8 1	3 34	8 43	2 16	27 33	4 8	14 22	0 18	15 57	0 54	10 27	1 58	2 33	0 41	19 18	1 42	19 43	13 54	5 56	6 31	17 21	16 36	6 24
M10	17 12	11 33	4 17	9 4	2 16	27 32	4 8	14 35	0 17	16 1	0 54	10 27	1 58	2 34	0 41	19 18	1 42	19 43	13 54	5 59	6 32	17 20	16 36	6 23
T 11	17 29	14 29	4 46	9 29	2 15	27 30	4 7	14 48	0 17	16 5	0 54	10 27	1 57	2 35	0 41	19 17	1 42	19 43	13 54	6 4	6 33	17 20	16 36	6 23
W12	17 45	16 41	5 1	9 55	2 14	27 27	4 6	15 2	0 16	16 8	0 54	10 26	1 57	2 36	0 41	19 17	1 42	19 43	13 53	6 9	6 35	17 19	16 36	6 23
T 13	18 1	18 5	5 1	10 24	2 11	27 24	4 5	15 15	0 16	16 12	0 54	10 26	1 57	2 38	0 41	19 17	1 42	19 43	13 53	6 13	6 36	17 19	16 36	6 22
F 14	18 17	18 37	4 47	10 53	2 8	27 21	4 3	15 28	0 15	16 16	0 53	10 26	1 57	2 39	0 41	19 16	1 42	19 43	13 53	6 18	6 37	17 18	16 36	6 22
S 15	18 32	18 19	4 21	11 24	2 5	27 17	4 2	15 41	0 15	16 19	0 53	10 26	1 57	2 40	0 41	19 16	1 42	19 42	13 52	6 21	6 38	17 17	16 36	6 21
S 16	18 47	17 13	3 44	11 56	2 0	27 13	4 0	15 54	0 14	16 23	0 53	10 25	1 57	2 41	0 41	19 16	1 42	19 42	13 52	6 23	6 40	17 17	16 36	6 21
M17	19 2	15 22	2 57	12 28	1 55	27 8	3 57	16 6	0 14	16 27	0 53	10 25	1 57	2 42	0 42	19 15	1 42	19 42	13 52	6 25	6 41	17 16	16 36	6 21
T 18	19 16	12 52	2 2	13 1	1 50	27 3	3 55	16 19	0 13	16 30	0 53	10 25	1 56	2 43	0 42	19 15	1 42	19 42	13 52	6 25	6 42	17 16	16 36	6 21
W19	19 30	9 49	1 2	13 33	1 45	26 58	3 52	16 31	0 12	16 34	0 53	10 24	1 56	2 44	0 42	19 15	1 42	19 42	13 51	6 25	6 43	17 15	16 36	6 20
T 20	19 44	6 17	0s 2	14 6	1 39	26 52	3 49	16 43	0 12	16 38	0 53	10 24	1 56	2 45	0 42	19 14	1 42	19 42	13 51	6 25	6 44	17 14	16 36	6 20
F 21	19 57	2 24	1 8	14 39	1 33	26 45	3 45	16 56	0 11	16 41	0 53	10 23	1 56	2 47	0 42	19 14	1 42	19 41	13 51	6 25	6 46	17 14	16 36	6 20
S 22	20 10	1n43	2 12	15 12	1 26	26 39	3 42	17 8	0 11	16 45	0 53	10 23	1 56	2 48	0 42	19 14	1 42	19 41	13 50	6 26	6 47	17 13	16 36	6 19
S 23	20 23	5 52	3 11	15 45	1 20	26 32	3 37	17 20	0 10	16 48	0 53	10 22	1 56	2 49	0 42	19 14	1 42	19 41	13 50	6 28	6 48	17 13	16 36	6 19
M24	20 35	9 52	4 1	16 17	1 13	26 24	3 33	17 31	0 10	16 52	0 53	10 21	1 56	2 50	0 42	19 13	1 42	19 41	13 50	6 31	6 49	17 12	16 35	6 19
T 25	20 47	13 26	4 38	16 48	1 6	26 17	3 28	17 43	0 9	16 55	0 53	10 21	1 55	2 51	0 42	19 13	1 42	19 40	13 50	6 35	6 50	17 11	16 35	6 19
W26	20 58	16 16	4 58	17 19	1 0	26 9	3 23	17 55	0 8	16 59	0 53	10 20	1 55	2 52	0 42	19 13	1 42	19 40	13 49	6 40	6 52	17 11	16 35	6 18
T 27	21 9	18 5	4 58	17 49	0 53	26 0	3 17	18 6	0 8	17 2	0 53	10 19	1 55	2 53	0 42	19 12	1 42	19 40	13 49	6 44	6 53	17 10	16 35	6 18
F 28	21 20	18 42	4 39	18 19	0 46	25 52	3 12	18 17	0 7	17 6	0 53	10 18	1 55	2 53	0 42	19 12	1 42	19 39	13 49	6 49	6 54	17 9	16 35	6 18
S 29	21 30	18 2	4 1	18 48																				

SWISS EPHEMERIS for the year 2053

DECEMBER 2053

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	4 41 17	9♂14'40	18♂38	29♂53	15♂8	24♂39	21♂28	8♂12	9♂2	3°R33	12♂19	12°R22	12♂15	27♂17	12♂43
T 2	4 45 13	10°15'28	2♂44	1♂27	15°26	25°20	21°40	8°14	9°4	3♂31	12°19	12♂21	12°12	27°23	12°48
W 3	4 49 10	11°16'18	16°32	3°1	15°42	26°2	21°53	8°16	9°7	3°29	12°19	12°21	12°9	27°30	12°53
T 4	4 53 6	12°17'09	0♂3	4°35	15°56	26°44	22°6	8°18	9°9	3°28	12°19	12°20	12°6	27°37	12°58
F 5	4 57 3	13°18'01	13°18	6°9	16°8	27°26	22°19	8°21	9°11	3°26	12°19	12°18	12°2	27°43	13°4
S 6	5 1 0	14°18'55	26°21	7°43	16°17	28°8	22°32	8°23	9°13	3°24	12°20	12°13	11°59	27°50	13°9
S 7	5 4 56	15°19'50	9♂11	9°17	16°25	28°50	22°44	8°26	9°15	3°23	12°20	12°5	11°56	27°57	13°14
M 8	5 8 53	16°20'47	21°51	10°50	16°30	29°32	22°57	8°29	9°17	3°21	12°20	11°53	11°53	28°3	13°20
T 9	5 12 49	17°21'44	4♂20	12°24	16°32	0♂14	23°10	8°32	9°19	3°19	12°20	11°40	11°50	28°10	13°25
W10	5 16 46	18°22'43	16°40	13°58	16°R32	0°56	23°22	8°35	9°21	3°18	12°21	11°25	11°46	28°17	13°31
T 11	5 20 42	19°23'42	28°50	15°32	16°30	1°39	23°35	8°38	9°23	3°16	12°21	11°11	11°43	28°24	13°36
F 12	5 24 39	20°24'42	10♂52	17°7	16°25	2°21	23°48	8°41	9°25	3°15	12°22	10°57	11°40	28°30	13°42
S 13	5 28 35	21°25'43	22°47	18°41	16°18	3°3	24°0	8°44	9°26	3°13	12°22	10°46	11°37	28°37	13°47
S 14	5 32 32	22°26'45	4♂36	20°15	16°8	3°45	24°12	8°47	9°28	3°11	12°22	10°38	11°34	28°44	13°53
M15	5 36 29	23°27'47	16°23	21°49	15°56	4°28	24°25	8°51	9°30	3°10	12°23	10°33	11°31	28°50	13°59
T 16	5 40 25	24°28'50	28°11	23°24	15°42	5°10	24°37	8°54	9°31	3°8	12°23	10°31	11°27	28°57	14°4
W17	5 44 22	25°29'53	10♂6	24°58	15°24	5°53	24°49	8°58	9°33	3°7	12°24	10°D30	11°24	29°4	14°10
T 18	5 48 18	26°30'57	22°12	26°33	15°5	6°35	25°2	9°2	9°35	3°5	12°25	10°R30	11°21	29°10	14°16
F 19	5 52 15	27°32'01	4♂36	28°7	14°43	7°18	25°14	9°5	9°36	3°4	12°25	10°30	11°18	29°17	14°21
S 20	5 56 11	28°33'05	17°21	29°42	14°19	8°0	25°26	9°9	9°37	3°2	12°26	10°28	11°15	29°24	14°27
S 21	6 0 8	29°34'10	0♂34	1♂17	13°53	8°43	25°38	9°13	9°39	3°1	12°26	10°25	11°12	29°30	14°33
M22	6 4 4	0♂35'14	14°16	2°53	13°25	9°25	25°50	9°17	9°40	2°59	12°27	10°18	11°8	29°37	14°39
T 23	6 8 1	1°36'20	28°28	4°28	12°55	10°8	26°2	9°21	9°41	2°58	12°28	10°9	11°5	29°44	14°44
W24	6 11 58	2°37'25	13♂7	6°4	12°24	10°51	26°14	9°26	9°43	2°56	12°28	9°59	11°2	29°50	14°50
T 25	6 15 54	3°38'31	28°7	7°40	11°51	11°34	26°26	9°30	9°44	2°55	12°29	9°48	10°59	29°57	14°56
F 26	6 19 51	4°39'37	13♂18	9°16	11°16	12°16	26°38	9°34	9°45	2°53	12°30	9°39	10°56	0♂4	15°2
S 27	6 23 47	5°40'43	28°30	10°52	10°41	12°59	26°49	9°39	9°46	2°52	12°31	9°31	10°52	0°10	15°7
S 28	6 27 44	6°41'50	13♂32	12°29	10°5	13°42	27°1	9°43	9°47	2°51	12°31	9°26	10°49	0°17	15°13
M29	6 31 40	7°42'58	28°17	14°5	9°29	14°25	27°12	9°48	9°48	2°49	12°32	9°23	10°46	0°24	15°19
T 30	6 35 37	8°44'05	12♂39	15°42	8°52	15°8	27°24	9°52	9°49	2°48	12°33	9°D23	10°43	0°30	15°25
W31	6 39 34	9♂45'14	26♂36	17♂20	8♂16	15♂51	27♂35	9♂57	9♂49	2♂47	12♂34	9♂23	10♂40	0♂37	15♂31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	21s50	13n18	2s 2	19s43	0n24	25s24	2s51	18s50	0n 5	17s16	0n53	10s16	1s55	2s56	0n42	19n11	1s42	19s39	13s48	6n55	6n58	17s 7	16s34	6n17
T 2	21 59	9 43	0 51	20 9	0 17	25 15	2 44	19 1	0 5	17 19	0 53	10 15	1 54	2 57	0 42	19 11	1 42	19 38	13 47	6 56	6 59	17 7	16 34	6 17
W 3	22 7	5 39	0n22	20 35	0 10	25 5	2 36	19 11	0 4	17 23	0 53	10 14	1 54	2 58	0 42	19 10	1 42	19 38	13 47	6 56	7 0	17 6	16 33	6 17
T 4	22 15	1 23	1 32	20 59	0 3	24 55	2 27	19 22	0 4	17 26	0 53	10 13	1 54	2 59	0 42	19 10	1 42	19 38	13 47	6 56	7 1	17 5	16 33	6 16
F 5	22 23	2s52	2 36	21 23	0s 3	24 45	2 18	19 32	0 3	17 29	0 53	10 12	1 54	3 0	0 42	19 10	1 42	19 37	13 47	6 57	7 3	17 5	16 33	6 16
S 6	22 30	6 54	3 30	21 45	0 10	24 34	2 9	19 42	0 2	17 32	0 53	10 11	1 54	3 0	0 42	19 10	1 42	19 37	13 46	6 59	7 4	17 4	16 33	6 16
S 7	22 37	10 33	4 13	22 7	0 17	24 23	1 59	19 52	0 2	17 36	0 53	10 10	1 54	3 1	0 42	19 9	1 42	19 36	13 46	7 2	7 5	17 3	16 32	6 16
M 8	22 44	13 41	4 42	22 27	0 24	24 12	1 49	20 1	0 1	17 39	0 53	10 8	1 54	3 2	0 42	19 9	1 42	19 36	13 46	7 6	7 6	17 3	16 32	6 16
T 9	22 50	16 8	4 57	22 46	0 30	24 1	1 38	20 11	0 1	17 42	0 53	10 7	1 53	3 3	0 42	19 9	1 42	19 36	13 45	7 11	7 7	17 2	16 32	6 15
W10	22 55	17 49	4 58	23 4	0 37	23 50	1 27	20 20	0s 0	17 45	0 53	10 6	1 53	3 3	0 42	19 8	1 42	19 35	13 45	7 17	7 9	17 1	16 31	6 15
T 11	23 0	18 40	4 46	23 21	0 43	23 39	1 15	20 30	0 1	17 48	0 53	10 5	1 53	3 4	0 42	19 8	1 42	19 35	13 45	7 22	7 10	17 1	16 31	6 15
F 12	23 5	18 39	4 21	23 37	0 49	23 27	1 3	20 39	0 1	17 51	0 53	10 3	1 53	3 5	0 42	19 8	1 42	19 34	13 44	7 27	7 11	17 0	16 30	6 15
S 13	23 9	17 49	3 44	23 52	0 55	23 16	0 50	20 47	0 2	17 54	0 53	10 2	1 53	3 6	0 42	19 8	1 42	19 34	13 44	7 31	7 12	16 59	16 30	6 15
S 14	23 13	16 13	2 58	24 5	1 1	23 4	0 37	20 56	0 2	17 58	0 53	10 1	1 53	3 6	0 42	19 7	1 42	19 33	13 44	7 35	7 13	16 59	16 30	6 15
M15	23 16	13 57	2 4	24 17	1 7	22 52	0 23	21 5	0 3	18 1	0 53	9 59	1 53	3 7	0 42	19 7	1 42	19 33	13 44	7 36	7 15	16 58	16 29	6 15
T 16	23 19	11 5	1 5	24 28	1 1	22 40	0 10	21 13	0 4	18 4	0 53	9 58	1 52	3 7	0 42	19 7	1 42	19 33	13 43	7 37	7 16	16 57	16 29	6 14
W17	23 21	7 45	0 2	24 37	1 18	22 28	0n 5	21 21	0 4	18 6	0 53	9 56	1 52	3 8	0 42	19 6	1 42	19 32	13 43	7 38	7 17	16 56	16 28	6 14
T 18	23 23	4 2	1s 2	24 46	1 23	22 15	0 19	21 29	0 5	18 9	0 53	9 55	1 52	3 9	0 42	19 6	1 42	19 32	13 43	7 38	7 18	16 56	16 28	6 14
F 19	23 24	0 5	2 4	24 53	1 28	22 3	0 34	21 37	0 6	18 12	0 53	9 53	1 52	3 9	0 42	19 6	1 42	19 31	13 42	7 38	7 19	16 55	16 27	6 14
S 20	23 25	4n 0	3 3	24 58	1 32	21 51	0 49	21 44	0 6	18 15	0 53	9 52	1 52	3 10	0 42	19 6	1 42	19 31	13 42	7 38	7 21	16 54	16 27	6 14
S 21	23 26	8 1	3 53	25 2	1 37	21 38	1 5	21 52	0 7	18 18	0 53	9 50	1 52	3 10	0 43	19 5	1 42	19 30	13 42	7 40	7 22	16 54	16 26	6 14
M22	23 26	11 46	4 33	25 5	1 41	21 25	1 20	21 59	0 8	18 21	0 53	9 49	1 52	3 11	0 43	19 5	1 42	19 30	13 42	7 42	7 23	16 53	16 26	6 14
T 23	23 25	14 59	4 57	25 6	1 45	21 13	1 36	22 6	0 8	18 24	0 53	9 47	1 52	3 11	0 43	19 5	1 42	19 29	13 41	7 45	7 24	16 52	16 25	6 14
W24	23 24	17 22	5 2	25 6	1 49	21 0	1 52	22 12	0 9	18 26	0 53	9 45	1 51	3 11	0 43	19 5	1 41	19 29	13 41	7 49	7 26	16 51	16 25	6 14
T 25	23 23	18 37	4 48	25 5	1 52	20 47	2 7	22 19	0 9	18 29	0 53	9 43	1 51	3 12	0 43	19 4	1 41	19 28	13 41	7 53	7 27	16 51	16 24	6 14
F 26	23 21	18 34	4 13	25 2	1 56	20 35	2 23	22 25	0 10	18 32	0 53	9 42	1 51	3 12	0 43	19 4	1 41	19 27	13 40	7 57	7 28	16 50	16 24	6 14
S 27	23 18	17 11	3 20	24 57	1 59	20 22	2 38	22 31	0 11	18 34	0 53	9 40	1 51	3 13	0 43	19 4	1 41	19 27	13 40	8 0	7 29	16 49	16 23	6 14
S 28	23 16	14 37	2 13	24 51	2 1	20 10	2 54	22 37	0 11	18 37	0 53	9 38	1 51	3 13	0 43	19 4	1 41	19 26	13 40	8 2	7 30	16 48	16 22	6 14
M29	23 12	11 9	0 59	24 44	2 3	19 57	3 9	22 43	0 12	18 40	0 53	9 36	1 51	3 13	0 43	19 4	1 41							