

SWISS EPHEMERIS for the year 2054

JANUARY 2054

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	6 43 30	10°36'22	10°10	18°57	7°R39	16°34	27°M47	10°K 2	9°Ω50	2°R46	12°K35	9°R24	10°M37	0°Ω44	15°Ω37
F 2	6 47 27	11°47'31	23°22	20°35	7°Ω 3	17°17	27°58	10° 7	9°51	2°II44	12°36	9°M23	10°33	0°50	15°42
S 3	6 51 23	12°48'41	6°M16	22°12	6°28	18° 0	28° 9	10°12	9°51	2°43	12°36	9°20	10°30	0°57	15°48
S 4	6 55 20	13°49'51	18°54	23°50	5°54	18°43	28°20	10°17	9°52	2°42	12°37	9°15	10°27	1° 4	15°54
M 5	6 59 16	14°51'01	1°M19	25°28	5°21	19°27	28°31	10°22	9°53	2°41	12°38	9° 7	10°24	1°11	16° 0
T 6	7 3 13	15°52'11	13°34	27° 6	4°50	20°10	28°42	10°27	9°53	2°40	12°39	8°58	10°21	1°17	16° 6
W 7	7 7 9	16°53'21	25°41	28°44	4°20	20°53	28°53	10°33	9°53	2°38	12°40	8°47	10°18	1°24	16°12
T 8	7 11 6	17°54'32	7°Ω41	0°Ω22	3°52	21°36	29° 4	10°38	9°54	2°37	12°41	8°37	10°14	1°31	16°17
F 9	7 15 3	18°55'42	19°35	1°59	3°26	22°20	29°15	10°43	9°54	2°36	12°42	8°27	10°11	1°37	16°23
S 10	7 18 59	19°56'52	1°Ω25	3°36	3° 2	23° 3	29°25	10°49	9°54	2°35	12°43	8°19	10° 8	1°44	16°29
S 11	7 22 56	20°58'01	13°14	5°13	2°41	23°47	29°36	10°55	9°55	2°34	12°45	8°13	10° 5	1°51	16°35
M12	7 26 52	21°59'11	25° 2	6°48	2°21	24°30	29°46	11° 0	9°55	2°33	12°46	8°10	10° 2	1°57	16°41
T 13	7 30 49	23° 0'19	6°K52	8°23	2° 4	25°14	29°57	11° 6	9°55	2°32	12°47	8°D 9	9°58	2° 4	16°47
W14	7 34 45	24° 1'28	18°49	9°56	1°49	25°57	0°Ω 7	11°12	9°R55	2°31	12°48	8°10	9°55	2°11	16°52
T 15	7 38 42	25° 2'35	0°V56	11°28	1°37	26°41	0°17	11°17	9°55	2°30	12°49	8°11	9°52	2°17	16°58
F 16	7 42 38	26° 3'42	13°17	12°58	1°27	27°25	0°27	11°23	9°55	2°30	12°50	8°12	9°49	2°24	17° 4
S 17	7 46 35	27° 4'49	25°59	14°25	1°20	28° 8	0°37	11°29	9°54	2°29	12°51	8°R13	9°46	2°31	17°10
S 18	7 50 32	28° 5'54	9°Ω 3	15°50	1°15	28°52	0°47	11°35	9°54	2°28	12°53	8°13	9°43	2°37	17°16
M19	7 54 28	29° 6'59	22°36	17°11	1°D13	29°36	0°57	11°41	9°54	2°27	12°54	8°10	9°39	2°44	17°21
T 20	7 58 25	0°Ω 8'03	6°II37	18°28	1°13	0°Ω19	1° 6	11°47	9°54	2°26	12°55	8° 6	9°36	2°51	17°27
W21	8 2 21	1° 9'06	21° 7	19°40	1°15	1° 3	1°16	11°53	9°53	2°26	12°56	8° 1	9°33	2°57	17°33
T 22	8 6 18	2°10'08	6°Ω 2	20°47	1°20	1°47	1°25	12° 0	9°53	2°25	12°58	7°55	9°30	3° 4	17°38
F 23	8 10 14	3°11'09	21°13	21°48	1°27	2°31	1°34	12° 6	9°52	2°24	12°59	7°50	9°27	3°11	17°44
S 24	8 14 11	4°12'10	6°Ω31	22°42	1°37	3°15	1°44	12°12	9°52	2°24	13° 0	7°46	9°24	3°17	17°50
S 25	8 18 7	5°13'10	21°45	23°27	1°48	3°59	1°53	12°19	9°51	2°23	13° 2	7°43	9°20	3°24	17°55
M26	8 22 4	6°14'09	6°M46	24° 4	2° 2	4°43	2° 2	12°25	9°51	2°23	13° 3	7°D43	9°17	3°31	18° 1
T 27	8 26 1	7°15'07	21°25	24°32	2°18	5°27	2°10	12°31	9°50	2°22	13° 4	7°43	9°14	3°37	18° 7
W28	8 29 57	8°16'05	5°Ω38	24°49	2°36	6°11	2°19	12°38	9°49	2°21	13° 6	7°44	9°11	3°44	18°12
T 29	8 33 54	9°17'02	19°25	24°R55	2°56	6°55	2°28	12°44	9°48	2°21	13° 7	7°46	9° 8	3°51	18°18
F 30	8 37 50	10°17'59	2°M45	24°50	3°18	7°39	2°36	12°51	9°47	2°21	13° 8	7°47	9° 4	3°57	18°23
S 31	8 41 47	11°18'55	15°M41	24°Ω34	3°Ω42	8°Ω24	2°45	12°58	9°47	2°II20	13°K10	7°R47	9°M 1	4°Ω 4	18°Ω29

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23s 0	1s37	2n37	24s12	2s 8	19s21	3n51	22s59	0s14	18s47	0n53	9s30	1s50	3s14	0n43	19n 3	1s41	19s24	13s39	8n 3	7n35	16s45	16s20	6n13
F 2	22 54	5 47	3 33	23 59	2 9	19 10	4 5	23 4	0 15	18 50	0 53	9 29	1 50	3 14	0 43	19 3	1 41	19 24	13 39	8 3	7 36	16 45	16 19	6 13
S 3	22 49	9 34	4 17	23 43	2 9	18 59	4 17	23 9	0 15	18 52	0 54	9 27	1 50	3 15	0 43	19 3	1 41	19 23	13 38	8 4	7 38	16 44	16 19	6 13
S 4	22 43	12 50	4 47	23 27	2 9	18 49	4 30	23 13	0 16	18 55	0 54	9 25	1 50	3 15	0 43	19 2	1 41	19 22	13 38	8 6	7 39	16 43	16 18	6 13
M 5	22 36	15 28	5 3	23 8	2 8	18 38	4 41	23 17	0 17	18 57	0 54	9 22	1 50	3 15	0 43	19 2	1 41	19 22	13 38	8 9	7 40	16 42	16 17	6 14
T 6	22 29	17 23	5 5	22 49	2 7	18 29	4 52	23 21	0 17	18 59	0 54	9 20	1 50	3 15	0 43	19 2	1 41	19 21	13 38	8 12	7 41	16 42	16 17	6 14
W 7	22 22	18 29	4 53	22 27	2 6	18 20	5 2	23 25	0 18	19 2	0 54	9 18	1 50	3 15	0 43	19 2	1 41	19 21	13 37	8 16	7 42	16 41	16 16	6 14
T 8	22 14	18 45	4 28	22 5	2 4	18 11	5 11	23 28	0 19	19 4	0 54	9 16	1 50	3 15	0 43	19 2	1 41	19 20	13 37	8 20	7 44	16 40	16 15	6 14
F 9	22 6	18 11	3 51	21 40	2 1	18 3	5 20	23 32	0 19	19 6	0 54	9 14	1 50	3 15	0 43	19 1	1 41	19 19	13 37	8 24	7 45	16 39	16 14	6 14
S 10	21 57	16 50	3 5	21 15	1 57	17 56	5 28	23 35	0 20	19 9	0 54	9 12	1 50	3 16	0 43	19 1	1 41	19 19	13 37	8 27	7 46	16 39	16 14	6 14
S 11	21 48	14 45	2 11	20 48	1 53	17 49	5 35	23 38	0 21	19 11	0 54	9 10	1 50	3 16	0 43	19 1	1 41	19 18	13 36	8 29	7 47	16 38	16 13	6 14
M12	21 38	12 4	1 10	20 19	1 49	17 43	5 42	23 40	0 21	19 13	0 54	9 7	1 49	3 16	0 43	19 1	1 41	19 17	13 36	8 30	7 48	16 37	16 12	6 14
T 13	21 28	8 53	0 7	19 49	1 43	17 37	5 48	23 43	0 22	19 15	0 54	9 5	1 49	3 16	0 43	19 1	1 41	19 17	13 36	8 31	7 50	16 36	16 11	6 14
W14	21 18	5 18	0s58	19 19	1 37	17 32	5 53	23 45	0 23	19 17	0 54	9 3	1 49	3 16	0 43	19 1	1 41	19 16	13 36	8 30	7 51	16 35	16 11	6 14
T 15	21 7	1 28	2 1	18 47	1 30	17 28	5 58	23 47	0 23	19 19	0 54	9 1	1 49	3 16	0 43	19 1	1 41	19 16	13 36	8 30	7 52	16 35	16 10	6 14
F 16	20 56	2n29	2 59	18 14	1 22	17 24	6 1	23 48	0 24	19 21	0 54	8 58	1 49	3 15	0 43	19 1	1 40	19 15	13 35	8 29	7 53	16 34	16 9	6 14
S 17	20 44	6 27	3 51	17 41	1 14	17 21	6 5	23 50	0 25	19 23	0 54	8 56	1 49	3 15	0 44	19 0	1 40	19 14	13 35	8 29	7 54	16 33	16 8	6 14
S 18	20 32	10 12	4 32	17 7	1 4	17 18	6 7	23 51	0 25	19 25	0 54	8 54	1 49	3 15	0 44	19 0	1 40	19 14	13 35	8 29	7 56	16 32	16 7	6 15
M19	20 20	13 34	5 0	16 32	0 54	17 16	6 10	23 52	0 26	19 27	0 54	8 51	1 49	3 15	0 44	19 0	1 40	19 13	13 35	8 30	7 57	16 31	16 7	6 15
T 20	20 7	16 18	5 11	15 58	0 43	17 14	6 11	23 52	0 27	19 29	0 54	8 49	1 49	3 15	0 44	19 0	1 40	19 12	13 35	8 32	7 58	16 31	16 6	6 15
W21	19 54	18 5	5 3	15 23	0 30	17 13	6 12	23 53	0 27	19 31	0 54	8 46	1 49	3 15	0 44	19 0	1 40	19 12	13 34	8 34	7 59	16 30	16 5	6 15
T 22	19 40	18 43	4 35	14 50	0 17	17 13	6 13	23 53	0 28	19 33	0 55	8 44	1 49	3 15	0 44	19 0	1 40	19 11	13 34	8 36	8 0	16 29	16 4	6 15
F 23	19 26	18 1	3 47	14 17	0 3	17 13	6 13	23 53	0 29	19 35	0 55	8 42	1 49	3 14	0 44	19 0	1 40	19 10	13 34	8 38	8 2	16 28	16 3	6 15
S 24	19 12	16 1	2 42	13 45	0n12	17 13	6 12	23 53	0 29	19 36	0 55	8 39	1 49	3 14	0 44	19 0	1 40	19 10	13 34	8 39	8 3	16 27	16 2	6 15
S 25	18 57	12 53	1 26	13 16	0 28	17 13	6 12	23 52	0 30	19 38	0 55	8 37	1 48	3 14	0 44	19 0	1 40	19 9	13 34	8 40	8 4	16 27	16 1	6 16
M26	18 42	8 57	0 5	12 48	0 44	17 14	6 10	23 51	0 31	19 40	0 55	8 34	1 48	3 14	0 44	19 0	1 40	19 8	13 34	8 40	8 5	16 26	16 0	6 16
T 27	18 27	4 33	1n15	12 23	1 1	17 16	6 9	23 50	0 31	19 41	0 55	8 32	1 48	3 13	0 44	19 0	1 40	19 8	13 33	8 40	8 6	16 25	16 0	6 16
W28	18 11	0 1	2 27	12 1	1 19	17 17	6 7	23 49	0 32	19 43	0 55	8 29	1 48	3 13	0 44	19 0	1 40	19 7	13 33	8 40	8 7	16 24	15 59	6 16
T 29	17 55	4s22	3 29	11 42	1 36	17 19	6 5	23 48	0 33	19 45	0 55	8 27	1 48	3 13	0 44	19 0	1 40	19 6						

SWISS EPHEMERIS for the year 2054

FEBRUARY 2054

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁	♁
S 1	8 45 43	12♌19'50	28♎.17	24°R 6	4♃ 8	9♂ 8	2♂53	13♁ 4	9°R46	2°R20	13♁11	7°R46	8♎58	4♌11	18♂34	
M 2	8 49 40	13°20'45	10♂37	23♌28	4°35	9°52	3° 1	13°11	9♂45	2♎19	13°13	7♎44	8°55	4°17	18°40	
T 3	8 53 36	14°21'39	22°44	22°41	5° 4	10°36	3° 9	13°18	9°43	2°19	13°14	7°41	8°52	4°24	18°45	
W 4	8 57 33	15°22'31	4♃42	21°44	5°34	11°21	3°17	13°25	9°42	2°19	13°15	7°37	8°49	4°31	18°51	
T 5	9 1 30	16°23'23	16°35	20°41	6° 6	12° 5	3°25	13°31	9°41	2°19	13°17	7°33	8°45	4°37	18°56	
F 6	9 5 26	17°24'14	28°24	19°33	6°40	12°50	3°32	13°38	9°40	2°19	13°18	7°30	8°42	4°44	19° 1	
S 7	9 9 23	18°25'04	10♌13	18°21	7°15	13°34	3°40	13°45	9°39	2°18	13°20	7°27	8°39	4°51	19° 7	
S 8	9 13 19	19°25'53	22° 2	17° 9	7°51	14°19	3°47	13°52	9°37	2°18	13°21	7°25	8°36	4°57	19°12	
M 9	9 17 16	20°26'40	3♁55	15°57	8°28	15° 3	3°54	13°59	9°36	2°18	13°23	7°D24	8°33	5° 4	19°17	
T 10	9 21 12	21°27'26	15°53	14°49	9° 7	15°48	4° 1	14° 6	9°35	2°18	13°24	7°24	8°30	5°11	19°22	
W 11	9 25 9	22°28'11	27°59	13°45	9°47	16°32	4° 8	14°13	9°33	2°D18	13°26	7°25	8°26	5°17	19°27	
T 12	9 29 5	23°28'54	10♎14	12°46	10°28	17°17	4°15	14°20	9°32	2°18	13°27	7°27	8°23	5°24	19°33	
F 13	9 33 2	24°29'35	22°42	11°54	11°10	18° 1	4°21	14°27	9°30	2°18	13°29	7°28	8°20	5°31	19°38	
S 14	9 36 58	25°30'15	5♂26	11° 9	11°53	18°46	4°28	14°34	9°28	2°18	13°30	7°29	8°17	5°37	19°43	
S 15	9 40 55	26°30'54	18°30	10°33	12°38	19°31	4°34	14°41	9°27	2°18	13°32	7°30	8°14	5°44	19°48	
M 16	9 44 52	27°31'30	1♎55	10° 4	13°23	20°16	4°40	14°49	9°25	2°18	13°34	7°R30	8°10	5°51	19°53	
T 17	9 48 48	28°32'05	15°44	9°42	14° 9	21° 0	4°46	14°56	9°23	2°19	13°35	7°29	8° 7	5°57	19°57	
W 18	9 52 45	29°32'38	29°57	9°29	14°56	21°45	4°52	15° 3	9°22	2°19	13°37	7°28	8° 4	6° 4	20° 2	
T 19	9 56 41	0♁33'10	14♎33	9°D23	15°44	22°30	4°57	15°10	9°20	2°19	13°38	7°28	8° 1	6°11	20° 7	
F 20	10 0 38	1°33'39	29°26	9°24	16°32	23°15	5° 3	15°17	9°18	2°19	13°40	7°27	7°58	6°17	20°12	
S 21	10 4 34	2°34'07	14♎30	9°32	17°22	24° 0	5° 8	15°25	9°16	2°20	13°41	7°26	7°55	6°24	20°17	
S 22	10 8 31	3°34'33	29°37	9°46	18°12	24°45	5°13	15°32	9°14	2°20	13°43	7°26	7°51	6°31	20°21	
M 23	10 12 27	4°34'58	14♎37	10° 6	19° 3	25°29	5°18	15°39	9°12	2°21	13°45	7°D26	7°48	6°37	20°26	
T 24	10 16 24	5°35'20	29°22	10°31	19°55	26°14	5°23	15°46	9°10	2°21	13°46	7°26	7°45	6°44	20°31	
W 25	10 20 21	6°35'42	13♎45	11° 1	20°47	26°59	5°28	15°54	9° 8	2°21	13°48	7°26	7°42	6°51	20°35	
T 26	10 24 17	7°36'02	27°43	11°37	21°41	27°45	5°33	16° 1	9° 6	2°22	13°49	7°R26	7°39	6°57	20°40	
F 27	10 28 14	8°36'20	11♎14	12°16	22°34	28°30	5°37	16° 8	9° 4	2°22	13°51	7°26	7°35	7° 4	20°44	
S 28	10 32 10	9♁36'37	24♎18	13♌ 0	23♂29	29♂15	5♂41	16♁16	9♎ 2	2♎23	13♁53	7♎26	7♎32	7♌11	20♂48	

Day	☉		☽		♀		♁		♂		♃		♅		♁		♄		♆		♁		♁		♁		♁		
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	17s 6	14s44	5n10	11s 9	2n28	17s26	5n56	23s42	0s35	19s49	0n55	8s19	1s48	3s11	0n44	18n59	1s40	19s 4	13s33	8n39	8n12	16s21	15s55	6n17					
M 2	16 48	16 51	5 14	11 7	2 44	17 28	5 53	23 39	0 36	19 51	0 55	8 16	1 48	3 11	0 44	18 59	1 40	19 3	13 33	8 40	8 13	16 20	15 54	6 17					
T 3	16 31	18 10	5 4	11 9	2 58	17 31	5 50	23 36	0 36	19 52	0 55	8 14	1 48	3 11	0 44	18 59	1 39	19 3	13 32	8 41	8 15	16 19	15 53	6 18					
W 4	16 13	18 41	4 40	11 15	3 11	17 33	5 46	23 34	0 37	19 54	0 56	8 11	1 48	3 10	0 44	18 59	1 39	19 2	13 32	8 43	8 16	16 18	15 52	6 18					
T 5	15 55	18 21	4 5	11 25	3 21	17 36	5 42	23 30	0 38	19 55	0 56	8 8	1 48	3 10	0 44	19 0	1 39	19 1	13 32	8 44	8 17	16 17	15 51	6 18					
F 6	15 37	17 13	3 19	11 38	3 30	17 39	5 38	23 27	0 38	19 56	0 56	8 6	1 48	3 9	0 44	19 0	1 39	19 1	13 32	8 45	8 18	16 17	15 50	6 18					
S 7	15 18	15 21	2 25	11 54	3 36	17 41	5 33	23 23	0 39	19 58	0 56	8 3	1 48	3 9	0 44	19 0	1 39	19 0	13 32	8 46	8 19	16 16	15 49	6 19					
S 8	14 59	12 50	1 24	12 12	3 40	17 44	5 29	23 19	0 40	19 59	0 56	8 0	1 48	3 8	0 44	19 0	1 39	18 59	13 32	8 47	8 21	16 15	15 48	6 19					
M 9	14 40	9 46	0 19	12 32	3 41	17 46	5 24	23 15	0 40	20 0	0 56	7 57	1 48	3 7	0 44	19 0	1 39	18 59	13 32	8 47	8 22	16 14	15 47	6 19					
T 10	14 21	6 17	0s47	12 53	3 40	17 49	5 19	23 11	0 41	20 1	0 56	7 55	1 48	3 7	0 44	19 0	1 39	18 58	13 32	8 47	8 23	16 13	15 46	6 19					
W 11	14 1	2 31	1 52	13 14	3 37	17 51	5 14	23 6	0 42	20 3	0 56	7 52	1 48	3 6	0 44	19 0	1 39	18 57	13 32	8 47	8 24	16 12	15 45	6 20					
T 12	13 41	1n25	2 52	13 35	3 31	17 53	5 9	23 1	0 42	20 4	0 56	7 49	1 48	3 6	0 44	19 0	1 39	18 57	13 31	8 46	8 25	16 11	15 44	6 20					
F 13	13 21	5 20	3 46	13 56	3 24	17 55	5 4	22 56	0 43	20 5	0 56	7 47	1 48	3 5	0 44	19 0	1 39	18 56	13 31	8 46	8 27	16 10	15 43	6 20					
S 14	13 1	9 6	4 29	14 17	3 16	17 56	4 59	22 50	0 44	20 6	0 56	7 44	1 48	3 4	0 44	19 0	1 39	18 55	13 31	8 46	8 28	16 10	15 42	6 21					
S 15	12 40	12 31	5 0	14 36	3 6	17 58	4 53	22 45	0 45	20 7	0 57	7 41	1 48	3 4	0 44	19 0	1 39	18 55	13 31	8 45	8 29	16 9	15 41	6 21					
M 16	12 20	15 22	5 16	14 54	2 55	17 59	4 48	22 39	0 45	20 8	0 57	7 38	1 48	3 3	0 44	19 0	1 39	18 54	13 31	8 45	8 30	16 8	15 40	6 21					
T 17	11 59	17 27	5 14	15 11	2 44	18 0	4 42	22 33	0 46	20 9	0 57	7 35	1 48	3 2	0 44	19 0	1 39	18 53	13 31	8 45	8 31	16 7	15 39	6 22					
W 18	11 38	18 32	4 54	15 26	2 32	18 1	4 36	22 26	0 47	20 10	0 57	7 33	1 48	3 2	0 45	19 0	1 39	18 53	13 31	8 46	8 32	16 6	15 38	6 22					
T 19	11 16	18 26	4 14	15 39	2 19	18 1	4 31	22 20	0 47	20 11	0 57	7 30	1 48	3 1	0 45	19 0	1 38	18 52	13 31	8 46	8 34	16 5	15 37	6 22					
F 20	10 55	17 4	3 16	15 51	2 7	18 1	4 25	22 13	0 48	20 12	0 57	7 27	1 48	3 0	0 45	19 1	1 38	18 51	13 31	8 46	8 35	16 4	15 36	6 23					
S 21	10 33	14 30	2 4	16 2	1 54	18 1	4 19	22 6	0 49	20 13	0 57	7 24	1 48	2 59	0 45	19 1	1 38	18 51	13 31	8 46	8 36	16 3	15 35	6 23					
S 22	10 12	10 56	0 43	16 11	1 41	18 1	4 13	21 59	0 49	20 14	0 57	7 21	1 48	2 59	0 45	19 1	1 38	18 50	13 31	8 47	8 37	16 2	15 34	6 23					
M 23	9 50	6 40	0n40	16 18	1 28	18 0	4 7	21 51	0 50	20 14	0 57	7 19	1 48	2 58	0 45	19 1	1 38	18 49	13 31	8 47	8 38	16 1	15 33	6 24					
T 24	9 28	2 4	1 59	16 23	1 16	17 59	4 1	21 43	0 51	20 15	0 57	7 16	1 48	2 57	0 45	19 1	1 38	18 49	13 31	8 47	8 40	16 1	15 32	6 24					
W 25	9 5	2s32	3 9	16 27	1 3	17 57	3 55	21 36	0 51	20 16	0 57	7 13	1 48	2 56	0 45	19 1	1 38	18 48	13 31	8 46	8 41	16 0	15 31	6 25					
T 26	8 43	6 51	4 5	16 29	0 51	17 55	3 49	21 27	0 52	20 16	0 58	7 10	1 48	2 55	0 45	19 1	1 38	18 48	13 31	8 46	8 42	15 59	15 30	6 25					
F 27	8 20	10 40	4 45	16 29	0 39	17 53	3 43	21 19	0 53	20 17	0 58	7 7	1 48	2 54	0 45	19 2	1 38	18 47	13 31	8 46	8 43	15 58	15 29	6 25					
S 28	7s58	13s50	5n10	16s28	0n27	17s50	3n37	21s10	0s53	20s18	0n58	7s 4	1s48	2s54	0n45	19n 2	1s38	18s46	13s31										

SWISS EPHEMERIS for the year 2054

MARCH 2054

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	10 36 7	10♌36°53	6♌59	13♌47	24♌24	29♌59	5♌45	16♌23	9°R 0	2♈24	13♌54	7°D26	7♎29	7♌17	20♌53								
M 2	10 40 3	11°37'07	19°21	14°38	25°19	0♌45	5°49	16°30	8♌58	2°24	13°56	7♎26	7°26	7°24	20°57								
T 3	10 44 0	12°37'19	1♌28	15°32	26°15	1°30	5°53	16°38	8°55	2°25	13°58	7°26	7°23	7°31	21° 1								
W 4	10 47 56	13°37'30	13°23	16°28	27°12	2°15	5°56	16°45	8°53	2°26	13°59	7°27	7°20	7°37	21° 5								
T 5	10 51 53	14°37'40	25°13	17°28	28° 9	3° 1	5°59	16°53	8°51	2°26	14° 1	7°28	7°16	7°44	21° 9								
F 6	10 55 50	15°37'48	7♌ 1	18°31	29° 6	3°46	6° 3	17° 0	8°49	2°27	14° 2	7°29	7°13	7°51	21°14								
S 7	10 59 46	16°37'54	18°50	19°35	0♌ 4	4°31	6° 6	17° 7	8°46	2°28	14° 4	7°29	7°10	7°57	21°17								
S 8	11 3 43	17°37'58	0♌43	20°42	1° 3	5°16	6° 8	17°15	8°44	2°29	14° 6	7°30	7° 7	8° 4	21°21								
M 9	11 7 39	18°38'01	12°44	21°52	2° 2	6° 2	6°11	17°22	8°42	2°30	14° 7	7°R30	7° 4	8°11	21°25								
T 10	11 11 36	19°38'02	24°53	23° 3	3° 1	6°47	6°13	17°30	8°39	2°30	14° 9	7°29	7° 1	8°17	21°29								
W 11	11 15 32	20°38'00	7♌13	24°16	4° 0	7°32	6°16	17°37	8°37	2°31	14°10	7°28	6°57	8°24	21°33								
T 12	11 19 29	21°37'57	19°45	25°31	5° 1	8°18	6°18	17°44	8°34	2°32	14°12	7°26	6°54	8°31	21°37								
F 13	11 23 25	22°37'52	2♌29	26°48	6° 1	9° 3	6°20	17°52	8°32	2°33	14°14	7°24	6°51	8°37	21°40								
S 14	11 27 22	23°37'45	15°27	28° 6	7° 2	9°49	6°21	17°59	8°29	2°34	14°15	7°22	6°48	8°44	21°44								
S 15	11 31 19	24°37'35	28°41	29°27	8° 3	10°34	6°23	18° 6	8°27	2°35	14°17	7°20	6°45	8°51	21°47								
M 16	11 35 15	25°37'24	12♈ 9	0♌48	9° 4	11°20	6°24	18°14	8°24	2°37	14°18	7°18	6°41	8°57	21°51								
T 17	11 39 12	26°37'10	25°54	2°12	10° 6	12° 5	6°25	18°21	8°22	2°38	14°20	7°D18	6°38	9° 4	21°54								
W 18	11 43 8	27°36'54	9♌55	3°36	11° 8	12°50	6°26	18°28	8°19	2°39	14°22	7°18	6°35	9°11	21°57								
T 19	11 47 5	28°36'35	24°11	5° 2	12°10	13°36	6°27	18°36	8°17	2°40	14°23	7°19	6°32	9°17	22° 1								
F 20	11 51 1	29°36'14	8♌41	6°30	13°13	14°22	6°27	18°43	8°14	2°41	14°25	7°21	6°29	9°24	22° 4								
S 21	11 54 58	0♌35°51	23°20	7°59	14°16	15° 7	6°28	18°50	8°12	2°42	14°26	7°22	6°26	9°31	22° 7								
S 22	11 58 54	1°35'26	8♎ 4	9°29	15°19	15°53	6°28	18°58	8° 9	2°44	14°28	7°R23	6°22	9°37	22°10								
M 23	12 2 51	2°34'59	22°46	11° 1	16°23	16°38	6°R28	19° 5	8° 6	2°45	14°29	7°22	6°19	9°44	22°13								
T 24	12 6 47	3°34'29	7♌19	12°34	17°26	17°24	6°28	19°12	8° 4	2°46	14°31	7°20	6°16	9°51	22°16								
W 25	12 10 44	4°33'58	21°37	14° 9	18°30	18° 9	6°27	19°19	8° 1	2°48	14°32	7°17	6°13	9°57	22°18								
T 26	12 14 41	5°33'24	5♈35	15°44	19°34	18°55	6°27	19°27	7°59	2°49	14°34	7°12	6°10	10° 4	22°21								
F 27	12 18 37	6°32'49	19° 9	17°21	20°39	19°41	6°26	19°34	7°56	2°50	14°36	7° 8	6° 7	10°11	22°24								
S 28	12 22 34	7°32'12	2♌19	19° 0	21°44	20°26	6°25	19°41	7°53	2°52	14°37	7° 4	6° 3	10°17	22°27								
S 29	12 26 30	8°31'33	15° 5	20°40	22°48	21°12	6°24	19°48	7°51	2°53	14°39	7° 0	6° 0	10°24	22°29								
M 30	12 30 27	9°30'52	27°31	22°21	23°54	21°58	6°23	19°55	7°48	2°55	14°40	6°58	5°57	10°31	22°31								
T 31	12 34 23	10°30'10	9♌40	24°3	24♌59	22♌43	6♌21	20°3	7°46	2♈56	14°42	6°D57	5♎54	10♌37	22♌34								

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
S 1	7s35	16s14	5n18	16s26	0n16	17s46	3n31	21s 1	0s54	20s18	0n58	7s 2	1s48	2s53	0n45	19n 2	1s38	18s46	13s31	8n47	8n45	15s56	15s27	6n26
M 2	7 12	17 50	5 11	16 22	0 5	17 43	3 25	20 52	0 55	20 19	0 58	6 59	1 48	2 52	0 45	19 2	1 38	18 45	13 31	8 47	8 47	15 55	15 26	6 27
T 3	6 49	18 35	4 51	16 16	0s 6	17 39	3 18	20 43	0 55	20 20	0 58	6 56	1 48	2 51	0 45	19 2	1 38	18 44	13 31	8 46	8 48	15 54	15 25	6 27
W 4	6 26	18 29	4 18	16 9	0 16	17 34	3 12	20 34	0 56	20 20	0 58	6 53	1 48	2 50	0 45	19 2	1 38	18 44	13 31	8 46	8 49	15 53	15 24	6 28
T 5	6 3	17 34	3 34	16 0	0 26	17 29	3 6	20 24	0 57	20 20	0 58	6 50	1 48	2 49	0 45	19 3	1 38	18 43	13 31	8 46	8 50	15 52	15 23	6 28
F 6	5 40	15 54	2 41	15 50	0 35	17 24	3 0	20 14	0 57	20 21	0 58	6 47	1 48	2 48	0 45	19 3	1 38	18 43	13 31	8 46	8 51	15 51	15 21	6 28
S 7	5 16	13 34	1 42	15 38	0 44	17 18	2 54	20 4	0 58	20 21	0 59	6 45	1 48	2 47	0 45	19 3	1 38	18 42	13 31	8 45	8 53	15 50	15 20	6 29
S 8	4 53	10 38	0 38	15 25	0 53	17 11	2 48	19 54	0 59	20 22	0 59	6 42	1 48	2 46	0 45	19 3	1 37	18 41	13 31	8 45	8 54	15 49	15 19	6 29
M 9	4 30	7 14	0s29	15 11	1 1	17 5	2 41	19 43	0 59	20 22	0 59	6 39	1 48	2 45	0 45	19 4	1 37	18 41	13 31	8 45	8 55	15 48	15 18	6 30
T 10	4 6	3 29	1 35	14 55	1 9	16 57	2 35	19 32	1 0	20 22	0 59	6 36	1 48	2 45	0 45	19 4	1 37	18 40	13 31	8 45	8 56	15 48	15 17	6 30
W 11	3 43	0n27	2 37	14 38	1 17	16 50	2 29	19 21	1 1	20 23	0 59	6 33	1 48	2 44	0 45	19 4	1 37	18 40	13 31	8 46	8 57	15 47	15 16	6 31
T 12	3 19	4 26	3 33	14 20	1 24	16 41	2 23	19 10	1 1	20 23	0 59	6 30	1 48	2 43	0 45	19 4	1 37	18 39	13 31	8 47	8 58	15 46	15 15	6 31
F 13	2 55	8 16	4 20	14 0	1 31	16 33	2 17	18 59	1 2	20 23	0 59	6 28	1 48	2 42	0 45	19 5	1 37	18 39	13 31	8 47	9 0	15 45	15 14	6 32
S 14	2 32	11 47	4 53	13 39	1 37	16 24	2 11	18 48	1 3	20 23	0 59	6 25	1 48	2 41	0 45	19 5	1 37	18 38	13 32	8 48	9 1	15 44	15 13	6 32
S 15	2 8	14 46	5 12	13 16	1 43	16 14	2 5	18 36	1 3	20 23	0 59	6 22	1 49	2 40	0 45	19 5	1 37	18 37	13 32	8 49	9 2	15 43	15 12	6 33
M 16	1 44	17 2	5 15	12 52	1 49	16 4	1 59	18 24	1 4	20 24	0 59	6 19	1 49	2 39	0 45	19 5	1 37	18 37	13 32	8 49	9 3	15 42	15 11	6 33
T 17	1 21	18 22	5 0	12 27	1 54	15 53	1 53	18 12	1 5	20 24	1 0	6 16	1 49	2 38	0 45	19 6	1 37	18 36	13 32	8 50	9 4	15 41	15 10	6 34
W 18	0 57	18 38	4 26	12 1	1 58	15 42	1 47	18 0	1 5	20 24	1 0	6 13	1 49	2 37	0 45	19 6	1 37	18 36	13 32	8 49	9 5	15 40	15 9	6 34
T 19	0 33	17 43	3 36	11 33	2 2	15 31	1 41	17 47	1 6	20 24	1 0	6 11	1 49	2 36	0 45	19 6	1 37	18 35	13 32	8 49	9 7	15 39	15 8	6 35
F 20	0 9	15 38	2 32	11 5	2 6	15 19	1 36	17 35	1 7	20 24	1 0	6 8	1 49	2 35	0 45	19 6	1 37	18 35	13 32	8 49	9 8	15 38	15 7	6 35
S 21	0n14	12 32	1 17	10 35	2 10	15 7	1 30	17 22	1 7	20 24	1 0	6 5	1 49	2 34	0 45	19 7	1 37	18 34	13 32	8 48	9 9	15 37	15 6	6 36
S 22	0 38	8 36	0n 4	10 3	2 13	14 54	1 24	17 9	1 8	20 24	1 0	6 2	1 49	2 33	0 45	19 7	1 37	18 34	13 32	8 48	9 10	15 36	15 5	6 36
M 23	1 2	4 9	1 24	9 31	2 15	14 40	1 19	16 56	1 9	20 24	1 0	6 0	1 49	2 32	0 45	19 7	1 37	18 33	13 32	8 48	9 11	15 35	15 4	6 37
T 24	1 25	0s29	2 37	8 57	2 17	14 27	1 13	16 43	1 9	20 23	1 0	5 57	1 49	2 31	0 45	19 8	1 37	18 33	13 33	8 49	9 13	15 34	15 3	6 37
W 25	1 49	5 1	3 40	8 22	2 19	14 12	1 7	16 29	1 10	20 23	1 0	5 54	1 49	2 30	0 45	19 8	1 37	18 32	13 33	8 50	9 14	15 33	15 2	6 38
T 26	2 12	9 10	4 27	7 46	2 20	13 58	1 2	16 16	1 10	20 23	1 0	5 51	1 49	2 29	0 45	19 8	1 36	18 32	13 33	8 52	9 15	15 32	15 1	6 38
F 27	2 36	12 43	4 58	7 9	2 20	13 43	0 56	16 2	1 11	20 23	1 0	5 49	1 49	2 27	0 45	19 9	1 36	18 31	13 33	8 53	9 16	15 31	15 0	6 39
S 28	2 59	15 31	5 12	6 31	2 21	13 27	0 51	15 48	1 12	20 23	1 1	5 46	1 50	2 26	0 45	19 9	1 36	18 31	13 33	8 55	9 17	15 30	14 59	6 39
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SWISS EPHEMERIS for the year 2054

APRIL 2054

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	12 38 20	11°Y29'26	21°37	25°47	26°4	23°29	6°R20	20°9	7°R43	2°II58	14°43	6°58	5°51	10°44	22°36	
T 2	12 42 16	12°28'40	3°26	27°33	27°10	24°15	6°18	20°16	7°41	2°59	14°44	6°59	5°47	10°51	22°38	
F 3	12 46 13	13°27'52	15°14	29°19	28°16	25°1	6°16	20°23	7°38	3°1	14°46	7°1	5°44	10°57	22°41	
S 4	12 50 10	14°27'03	27°5	1°Y7	29°22	25°46	6°14	20°30	7°35	3°2	14°47	7°2	5°41	11°4	22°43	
S 5	12 54 6	15°26'11	9°3	2°57	0°X28	26°32	6°11	20°37	7°33	3°4	14°49	7°R3	5°38	11°10	22°45	
M 6	12 58 3	16°25'18	21°12	4°48	1°35	27°18	6°9	20°44	7°30	3°6	14°50	7°2	5°35	11°17	22°47	
T 7	13 1 59	17°24'22	3°Y33	6°40	2°41	28°3	6°6	20°51	7°28	3°7	14°52	6°59	5°32	11°24	22°48	
W 8	13 5 56	18°23'25	16°10	8°34	3°48	28°49	6°3	20°58	7°25	3°9	14°53	6°54	5°28	11°30	22°50	
T 9	13 9 52	19°22'26	29°2	10°29	4°55	29°35	6°0	21°5	7°23	3°11	14°54	6°47	5°25	11°37	22°52	
F 10	13 13 49	20°21'25	12°8	12°26	6°2	0°X21	5°56	21°12	7°20	3°13	14°56	6°40	5°22	11°44	22°54	
S 11	13 17 45	21°20'21	25°30	14°24	7°9	1°7	5°53	21°18	7°18	3°14	14°57	6°32	5°19	11°50	22°55	
S 12	13 21 42	22°19'16	9°II4	16°23	8°16	1°52	5°49	21°25	7°15	3°16	14°58	6°25	5°16	11°57	22°57	
M13	13 25 39	23°18'08	22°48	18°24	9°24	2°38	5°45	21°32	7°13	3°18	15°0	6°20	5°12	12°4	22°58	
T 14	13 29 35	24°16'58	6°41	20°26	10°31	3°24	5°42	21°38	7°10	3°20	15°1	6°16	5°9	12°10	22°59	
W15	13 33 32	25°15'46	20°41	22°29	11°39	4°10	5°37	21°45	7°8	3°22	15°2	6°D15	5°6	12°17	23°0	
T 16	13 37 28	26°14'32	4°Q48	24°33	12°46	4°55	5°33	21°51	7°5	3°23	15°4	6°15	5°3	12°24	23°2	
F 17	13 41 25	27°13'15	19°0	26°39	13°54	5°41	5°29	21°58	7°3	3°25	15°5	6°16	5°0	12°30	23°3	
S 18	13 45 21	28°11'56	3°II16	28°45	15°2	6°27	5°24	22°4	7°0	3°27	15°6	6°R17	4°57	12°37	23°4	
S 19	13 49 18	29°10'34	17°33	0°B52	16°10	7°13	5°19	22°11	6°58	3°29	15°7	6°16	4°53	12°44	23°4	
M20	13 53 14	0°8'9'11	1°49	2°59	17°19	7°58	5°14	22°17	6°56	3°31	15°9	6°14	4°50	12°50	23°5	
T 21	13 57 11	1°7'45	15°58	5°7	18°27	8°44	5°9	22°24	6°53	3°33	15°10	6°9	4°47	12°57	23°6	
W22	14 1 7	2°6'18	29°57	7°14	19°35	9°30	5°4	22°30	6°51	3°35	15°11	6°2	4°44	13°4	23°7	
T 23	14 5 4	3°4'48	13°II41	9°21	20°44	10°16	4°59	22°36	6°49	3°37	15°12	5°53	4°41	13°10	23°7	
F 24	14 9 1	4°3'17	27°7	11°28	21°52	11°1	4°53	22°42	6°47	3°39	15°13	5°43	4°38	13°17	23°8	
S 25	14 12 57	5°1'44	10°X12	13°34	23°1	11°47	4°48	22°48	6°44	3°41	15°15	5°33	4°34	13°24	23°8	
S 26	14 16 54	6°0'09	22°57	15°39	24°10	12°33	4°42	22°54	6°42	3°43	15°16	5°24	4°31	13°30	23°9	
M27	14 20 50	6°58'33	5°323	17°42	25°19	13°18	4°36	23°0	6°40	3°45	15°17	5°18	4°28	13°37	23°9	
T 28	14 24 47	7°56'55	17°33	19°44	26°28	14°4	4°30	23°6	6°38	3°47	15°18	5°13	4°25	13°44	23°9	
W29	14 28 43	8°55'16	29°31	21°43	27°37	14°50	4°24	23°12	6°36	3°49	15°19	5°11	4°22	13°50	23°9	
T 30	14 32 40	9°53'34	11°21	23°40	28°46	15°36	4°18	23°18	6°34	3°II51	15°20	5°D11	4°II18	13°57	23°R9	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	4n33	18s1	3n43	3s46	2s17	12s21	0n30	14s51	1s14	20s21	1n1	5s35	1s50	2s22	0n45	19n10	1s36	18s29	13s34	8n57	9n22	15s26	14s56	6n42
T 2	4 56	16 34	2 53	3 2	2 15	12 3	0 25	14 36	1 15	20 21	1 1	5 32	1 50	2 21	0 45	19 11	1 36	18 29	13 34	8 57	9 23	15 25	14 55	6 42
F 3	5 19	14 24	1 56	2 17	2 12	11 45	0 20	14 22	1 15	20 21	1 1	5 30	1 50	2 20	0 45	19 11	1 36	18 28	13 34	8 56	9 24	15 24	14 54	6 43
S 4	5 42	11 38	0 54	1 31	2 9	11 27	0 15	14 7	1 16	20 20	1 1	5 27	1 50	2 19	0 45	19 11	1 36	18 28	13 34	8 55	9 25	15 23	14 53	6 43
S 5	6 5	8 21	0s11	0 45	2 5	11 8	0 11	13 52	1 16	20 20	1 1	5 24	1 50	2 18	0 45	19 12	1 36	18 28	13 35	8 55	9 27	15 22	14 52	6 44
M 6	6 27	4 40	1 16	0n3	2 1	10 49	0 6	13 37	1 17	20 19	1 1	5 22	1 50	2 17	0 45	19 12	1 36	18 27	13 35	8 56	9 28	15 21	14 51	6 44
T 7	6 50	0 43	2 19	0 52	1 56	10 30	0 1	13 21	1 17	20 19	1 1	5 19	1 51	2 16	0 45	19 12	1 36	18 27	13 35	8 57	9 29	15 20	14 51	6 45
W 8	7 12	3n20	3 16	1 42	1 51	10 10	0s4	13 6	1 18	20 18	1 1	5 17	1 51	2 15	0 45	19 13	1 36	18 26	13 35	8 59	9 30	15 19	14 50	6 46
T 9	7 35	7 19	4 5	2 32	1 45	9 50	0 8	12 50	1 19	20 17	1 2	5 14	1 51	2 14	0 45	19 13	1 36	18 26	13 35	9 1	9 31	15 18	14 49	6 46
F 10	7 57	11 1	4 41	3 23	1 39	9 29	0 12	12 35	1 19	20 17	1 2	5 11	1 51	2 13	0 45	19 13	1 36	18 26	13 36	9 4	9 32	15 16	14 48	6 47
S 11	8 19	14 13	5 3	4 15	1 33	9 9	0 17	12 19	1 20	20 16	1 2	5 9	1 51	2 12	0 45	19 14	1 36	18 25	13 36	9 7	9 34	15 15	14 47	6 47
S 12	8 41	16 43	5 8	5 8	1 25	8 47	0 21	12 3	1 20	20 15	1 2	5 6	1 51	2 11	0 45	19 14	1 36	18 25	13 36	9 9	9 35	15 14	14 46	6 48
M13	9 3	18 18	4 56	6 1	1 18	8 26	0 25	11 47	1 21	20 15	1 2	5 4	1 51	2 10	0 45	19 15	1 36	18 25	13 36	9 11	9 36	15 13	14 46	6 48
T 14	9 25	18 50	4 26	6 54	1 10	8 4	0 29	11 31	1 21	20 14	1 2	5 1	1 52	2 10	0 45	19 15	1 36	18 24	13 36	9 12	9 37	15 12	14 45	6 49
W15	9 46	18 12	3 41	7 48	1 1	7 42	0 33	11 15	1 22	20 13	1 2	4 59	1 52	2 9	0 45	19 15	1 36	18 24	13 37	9 13	9 38	15 11	14 44	6 50
T 16	10 8	16 27	2 41	8 42	0 52	7 20	0 37	10 59	1 22	20 12	1 2	4 56	1 52	2 8	0 45	19 16	1 36	18 24	13 37	9 13	9 39	15 10	14 43	6 50
F 17	10 29	13 40	1 32	9 37	0 43	6 58	0 41	10 42	1 23	20 12	1 2	4 54	1 52	2 7	0 45	19 16	1 36	18 24	13 37	9 13	9 41	15 9	14 42	6 51
S 18	10 50	10 3	0 16	10 31	0 33	6 35	0 45	10 26	1 23	20 11	1 2	4 52	1 52	2 6	0 45	19 16	1 35	18 23	13 37	9 12	9 42	15 8	14 42	6 51
S 19	11 11	5 50	1n0	11 25	0 23	6 12	0 48	10 9	1 24	20 10	1 2	4 49	1 52	2 5	0 45	19 17	1 35	18 23	13 38	9 12	9 43	15 7	14 41	6 52
M20	11 31	1 19	2 13	12 18	0 12	5 49	0 52	9 53	1 24	20 9	1 2	4 47	1 52	2 4	0 45	19 17	1 35	18 23	13 38	9 13	9 44	15 6	14 40	6 53
T 21	11 52	3s15	3 16	13 11	0 2	5 25	0 55	9 36	1 25	20 8	1 2	4 44	1 53	2 3	0 45	19 18	1 35	18 23	13 38	9 15	9 45	15 5	14 40	6 53
W22	12 12	7 35	4 7	14 4	0n9	5 1	0 59	9 19	1 25	20 7	1 2	4 42	1 53	2 2	0 45	19 18	1 35	18 22	13 38	9 18	9 46	15 4	14 39	6 54
T 23	12 32	11 26	4 43	14 55	0 20	4 37	1 2	9 2	1 26	20 6	1 2	4 40	1 53	2 1	0 45	19 18	1 35	18 22	13 39	9 21	9 47	15 3	14 38	6 54
F 24	12 52	14 37	5 2	15 45	0 31	4 13	1 5	8 45	1 26	20 5	1 2	4 37	1 53	2 0	0 45	19 19	1 35	18 22	13 39	9 25	9 49	15 2	14 38	6 55
S 25	13 12	16 57	5 4	16 34	0 41	3 49	1 8	8 28	1 27	20 4	1 2	4 35	1 53	2 0	0 45	19 19	1 35	18 22	13 39	9 28	9 50	15 0	14 37	6 56
S 26	13 31	18 24	4 51	17 21	0 52	3 24	1 11	8 11	1 27	20 3	1 2	4 33	1 53	1 59	0 45	19 20	1 35	18 22	13 40	9 32	9 51	14 59	14 36	6 56
M27	13 50	18 55	4 24	18 6	1 2	3 0	1 14	7 54	1 27	20 2	1 2	4 31	1 54	1 58	0 44	19 20	1 35	18 21	13 40	9 34	9 52	14 58	14 36	6 57
T 28	14 9	18 32	3 46	18 49	1 13	2 35	1 17	7 37	1 28	20 1	1 2	4 29	1 54	1 57	0 44	19 20	1 35	18 21	13 40	9 36	9 53	14 57	14 35	6 57
W29	14 28	17 20	2 59	19 31	1 22	2 10	1 20	7 20	1 28	20 0	1 2	4 26	1 54	1 56	0 44	19 21	1 35	18 21	13 40	9 36	9 54	14 56	14 34	6 58
T 30	14n46	15s23	2n4	20n10	1n32	1s45	1s22	7s2	1s29	19s58	1n2	4s24	1s54	1s56	0n44	19n21	1s35	18s21	13s41	9n37				

SWISS EPHEMERIS for the year 2054

MAY 2054

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
F 1	14 36 36	10♌51'52	23♋10	25♌34	29♋55	16♋21	4°R11	23♋24	6°R32	3♌53	15♋21	5♎11	4♎15	14♋4	23°R 9
S 2	14 40 33	11°50'08	5♋ 2	27°26	1°Y 5	17° 7	4♌ 5	23°30	6♌30	3°55	15°22	5°R11	4°12	14°10	23♌ 9
S 3	14 44 30	12°48'22	17° 3	29°14	2°14	17°53	3°58	23°35	6°28	3°58	15°23	5°11	4° 9	14°17	23° 9
M 4	14 48 26	13°46'35	29°18	0♌59	3°24	18°38	3°51	23°41	6°26	4° 0	15°24	5° 8	4° 6	14°23	23° 8
T 5	14 52 23	14°44'46	11°Y49	2°41	4°33	19°24	3°45	23°47	6°24	4° 2	15°25	5° 3	4° 3	14°30	23° 8
W 6	14 56 19	15°42'56	24°40	4°19	5°43	20° 9	3°38	23°52	6°22	4° 4	15°26	4°55	3°59	14°37	23° 8
T 7	15 0 16	16°41'04	7♌50	5°53	6°53	20°55	3°31	23°58	6°21	4° 6	15°27	4°46	3°56	14°43	23° 7
F 8	15 4 12	17°39'10	21°20	7°24	8° 2	21°41	3°24	24° 3	6°19	4° 8	15°28	4°34	3°53	14°50	23° 6
S 9	15 8 9	18°37'15	5♌ 7	8°51	9°12	22°26	3°17	24° 8	6°17	4°10	15°29	4°23	3°50	14°57	23° 6
S 10	15 12 5	19°35'18	19° 6	10°14	10°22	23°12	3°10	24°14	6°15	4°13	15°29	4°12	3°47	15° 3	23° 5
M11	15 16 2	20°33'20	3♌14	11°33	11°32	23°57	3° 2	24°19	6°14	4°15	15°30	4° 3	3°43	15°10	23° 4
T 12	15 19 59	21°31'20	17°26	12°47	12°42	24°43	2°55	24°24	6°12	4°17	15°31	3°57	3°40	15°17	23° 3
W13	15 23 55	22°29'18	1♌38	13°58	13°52	25°28	2°48	24°29	6°11	4°19	15°32	3°54	3°37	15°23	23° 2
T 14	15 27 52	23°27'14	15°48	15° 4	15° 2	26°13	2°40	24°34	6° 9	4°21	15°33	3°52	3°34	15°30	23° 1
F 15	15 31 48	24°25'08	29°55	16° 7	16°12	26°59	2°33	24°39	6° 8	4°24	15°33	3°52	3°31	15°37	23° 0
S 16	15 35 45	25°23'00	13♎58	17° 5	17°23	27°44	2°25	24°44	6° 6	4°26	15°34	3°52	3°28	15°43	22°59
S 17	15 39 41	26°20'51	27°55	17°58	18°33	28°29	2°18	24°48	6° 5	4°28	15°35	3°51	3°24	15°50	22°57
M18	15 43 38	27°18'39	11♌46	18°47	19°43	29°15	2°10	24°53	6° 4	4°30	15°35	3°47	3°21	15°57	22°56
T 19	15 47 34	28°16'26	25°30	19°31	20°53	29°59	2° 3	24°58	6° 2	4°33	15°36	3°40	3°18	16° 3	22°55
W20	15 51 31	29°14'12	9♌ 4	20°11	22° 4	0°Y45	1°55	25° 2	6° 1	4°35	15°37	3°31	3°15	16°10	22°53
T 21	15 55 28	0♌11'56	22°26	20°47	23°14	1°30	1°47	25° 7	6° 0	4°37	15°37	3°19	3°12	16°17	22°52
F 22	15 59 24	1° 9'39	5♌34	21°17	24°25	2°16	1°40	25°11	5°59	4°39	15°38	3° 6	3° 9	16°23	22°50
S 23	16 3 21	2° 7'20	18°26	21°43	25°35	3° 1	1°32	25°15	5°58	4°42	15°38	2°54	3° 5	16°30	22°48
S 24	16 7 17	3° 5'01	1♌ 2	22° 4	26°46	3°46	1°24	25°20	5°57	4°44	15°39	2°42	3° 2	16°37	22°46
M25	16 11 14	4° 2'40	13°22	22°20	27°57	4°31	1°17	25°24	5°56	4°46	15°40	2°33	2°59	16°43	22°45
T 26	16 15 10	5° 0'18	25°29	22°32	29° 7	5°16	1° 9	25°28	5°55	4°48	15°40	2°26	2°56	16°50	22°43
W27	16 19 7	5°57'55	7♌25	22°38	0♌18	6° 1	1° 2	25°32	5°54	4°51	15°40	2°22	2°53	16°56	22°41
T 28	16 23 3	6°55'31	19°15	22°R40	1°29	6°46	0°54	25°36	5°53	4°53	15°41	2°21	2°49	17° 3	22°39
F 29	16 27 0	7°53'06	1♌ 3	22°38	2°40	7°31	0°46	25°40	5°52	4°55	15°41	2°20	2°46	17°10	22°36
S 30	16 30 57	8°50'40	12°56	22°31	3°51	8°16	0°39	25°43	5°51	4°57	15°42	2°20	2°43	17°16	22°34
S 31	16 34 53	9♌48'13	24♋57	22♌19	5♌ 2	9°Y 0	0°♌31	25♋47	5♌51	5♌ 0	15♋42	2♎19	2♎40	17♌23	22♌32

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	15n 5	12s47	1n 4	20n46	1n40	1s20	1s25	6s45	1s29	19s57	1n 2	4s22	1s54	1s55	0n44	19n22	1s35	18s21	13s41	9n36	9n57	14s54	14s33	6n59
S 2	15 23	9 39	0	21 20	1 49	0 54	1 27	6 28	1 29	19 56	1 2	4 20	1 54	1 54	0 44	19 22	1 35	18 21	13 41	9 36	9 58	14 53	14 33	7 0
S 3	15 41	6 5	1s 3	21 52	1 56	0 29	1 30	6 10	1 30	19 55	1 2	4 18	1 55	1 53	0 44	19 23	1 35	18 21	13 42	9 37	9 59	14 52	14 32	7 0
M 4	15 58	2 11	2 5	22 21	2 3	0 3	1 32	5 53	1 30	19 54	1 2	4 16	1 55	1 53	0 44	19 23	1 35	18 20	13 42	9 37	10 0	14 51	14 32	7 1
T 5	16 15	1n53	3 2	22 48	2 9	0n22	1 34	5 35	1 31	19 52	1 2	4 14	1 55	1 52	0 44	19 23	1 35	18 20	13 42	9 39	10 1	14 49	14 31	7 1
W 6	16 32	5 58	3 51	23 12	2 15	0 48	1 36	5 18	1 31	19 51	1 2	4 12	1 55	1 51	0 44	19 24	1 35	18 20	13 42	9 42	10 3	14 48	14 31	7 2
T 7	16 49	9 52	4 30	23 34	2 19	1 14	1 38	5 0	1 31	19 50	1 2	4 10	1 55	1 50	0 44	19 24	1 35	18 20	13 43	9 46	10 4	14 47	14 30	7 3
F 8	17 5	13 21	4 54	23 53	2 23	1 40	1 40	4 42	1 32	19 49	1 2	4 8	1 56	1 50	0 44	19 25	1 35	18 20	13 43	9 50	10 5	14 46	14 30	7 3
S 9	17 22	16 12	5 2	24 10	2 26	2 5	1 41	4 25	1 32	19 47	1 2	4 6	1 56	1 49	0 44	19 25	1 35	18 20	13 43	9 54	10 6	14 45	14 29	7 4
S 10	17 37	18 8	4 52	24 25	2 28	2 31	1 43	4 7	1 32	19 46	1 2	4 4	1 56	1 49	0 44	19 25	1 35	18 20	13 44	9 58	10 7	14 44	14 29	7 4
M11	17 53	19 0	4 24	24 38	2 29	2 57	1 45	3 49	1 33	19 45	1 2	4 2	1 56	1 48	0 44	19 26	1 35	18 20	13 44	10 1	10 8	14 43	14 28	7 5
T 12	18 8	18 40	3 40	24 48	2 30	3 23	1 46	3 31	1 33	19 43	1 2	4 0	1 56	1 47	0 44	19 26	1 35	18 20	13 44	10 3	10 9	14 42	14 28	7 5
W13	18 23	17 9	2 42	24 56	2 29	3 49	1 47	3 14	1 33	19 42	1 2	3 58	1 57	1 47	0 44	19 27	1 35	18 20	13 45	10 5	10 11	14 40	14 28	7 6
T 14	18 38	14 36	1 34	25 2	2 27	4 15	1 49	2 56	1 34	19 41	1 2	3 57	1 57	1 46	0 44	19 27	1 35	18 20	13 45	10 5	10 12	14 39	14 27	7 6
F 15	18 52	11 10	0 21	25 6	2 25	4 41	1 50	2 38	1 34	19 39	1 2	3 55	1 57	1 46	0 44	19 28	1 35	18 20	13 45	10 5	10 13	14 38	14 27	7 7
S 16	19 6	7 8	0n53	25 8	2 21	5 7	1 51	2 20	1 34	19 38	1 2	3 53	1 57	1 45	0 44	19 28	1 35	18 20	13 46	10 5	10 14	14 37	14 27	7 8
S 17	19 20	2 43	2 4	25 9	2 16	5 32	1 52	2 3	1 34	19 36	1 2	3 52	1 57	1 45	0 44	19 28	1 35	18 20	13 46	10 6	10 15	14 36	14 26	7 8
M18	19 33	1s48	3 6	25 8	2 11	5 58	1 53	1 45	1 35	19 35	1 2	3 50	1 58	1 44	0 44	19 29	1 35	18 20	13 46	10 7	10 16	14 35	14 26	7 9
T 19	19 46	6 10	3 57	25 5	2 4	6 24	1 54	1 27	1 35	19 33	1 1	3 48	1 58	1 44	0 44	19 29	1 35	18 20	13 47	10 10	10 17	14 33	14 26	7 9
W20	19 59	10 11	4 34	25 0	1 57	6 49	1 54	1 9	1 35	19 32	1 1	3 47	1 58	1 43	0 44	19 30	1 35	18 20	13 47	10 13	10 19	14 32	14 25	7 10
T 21	20 11	13 37	4 55	24 54	1 48	7 15	1 55	0 52	1 35	19 31	1 1	3 45	1 58	1 43	0 44	19 30	1 35	18 20	13 47	10 17	10 20	14 31	14 25	7 10
F 22	20 23	16 18	5 0	24 47	1 39	7 40	1 55	0 34	1 36	19 29	1 1	3 44	1 58	1 42	0 44	19 30	1 35	18 20	13 48	10 22	10 21	14 30	14 25	7 11
S 23	20 35	18 7	4 50	24 38	1 28	8 5	1 56	0 16	1 36	19 28	1 1	3 42	1 59	1 42	0 44	19 31	1 35	18 20	13 48	10 26	10 22	14 29	14 25	7 11
S 24	20 46	19 0	4 25	24 28	1 17	8 31	1 56	0n 1																

SWISS EPHEMERIS for the year 2054

JUNE 2054

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
M 1	16 38 50	10II45'45	7VI14	22°R 4	6Z13	9VI45	0°R24	25K51	5°R50	5II 2	15K42	2°R17	2II37	17K30	22°R30
T 2	16 42 46	11°43'17	19°49	21II45	7°24	10°30	0Z17	25°54	5Z49	5° 4	15°43	2II12	2°34	17°36	22Z27
W 3	16 46 43	12°40'48	2Z48	21°23	8°35	11°15	0° 9	25°57	5°49	5° 6	15°43	2° 5	2°30	17°43	22°25
T 4	16 50 39	13°38'18	16°10	20°57	9°46	11°59	0° 2	26° 1	5°48	5° 8	15°43	1°56	2°27	17°50	22°22
F 5	16 54 36	14°35'47	29°57	20°29	10°57	12°44	29II55	26° 4	5°48	5°11	15°44	1°45	2°24	17°56	22°20
S 6	16 58 32	15°33'15	14II 5	19°59	12° 8	13°29	29°48	26° 7	5°48	5°13	15°44	1°34	2°21	18° 3	22°17
S 7	17 2 29	16°30'43	28°28	19°27	13°19	14°13	29°40	26°10	5°47	5°15	15°44	1°23	2°18	18°10	22°15
M 8	17 6 26	17°28'09	13Z 1	18°54	14°31	14°57	29°33	26°13	5°47	5°17	15°44	1°14	2°15	18°16	22°12
T 9	17 10 22	18°25'35	27°37	18°20	15°42	15°42	29°27	26°16	5°47	5°20	15°44	1° 8	2°11	18°23	22° 9
W10	17 14 19	19°22'59	12Z10	17°47	16°53	16°26	29°20	26°19	5°47	5°22	15°45	1° 5	2° 8	18°30	22° 6
T 11	17 18 15	20°20'22	26°34	17°14	18° 5	17°10	29°13	26°21	5°46	5°24	15°45	1°D 4	2° 5	18°36	22° 3
F 12	17 22 12	21°17'44	10II47	16°42	19°16	17°55	29° 6	26°24	5°46	5°26	15°45	1° 4	2° 2	18°43	22° 0
S 13	17 26 8	22°15'06	24°48	16°12	20°27	18°39	29° 0	26°27	5°D46	5°28	15°45	1°R 4	1°59	18°50	21°58
S 14	17 30 5	23°12'26	8Z37	15°45	21°39	19°23	28°53	26°29	5°46	5°30	15°45	1° 3	1°55	18°56	21°55
M15	17 34 1	24° 9'45	22°12	15°20	22°50	20° 7	28°47	26°31	5°46	5°33	15°R45	1° 0	1°52	19° 3	21°51
T 16	17 37 58	25° 7'03	5III36	14°58	24° 2	20°51	28°41	26°33	5°47	5°35	15°45	0°55	1°49	19° 9	21°48
W17	17 41 55	26° 4'20	18°48	14°40	25°13	21°35	28°35	26°36	5°47	5°37	15°45	0°47	1°46	19°16	21°45
T 18	17 45 51	27° 1'37	1Z48	14°25	26°25	22°19	28°29	26°38	5°47	5°39	15°45	0°37	1°43	19°23	21°42
F 19	17 49 48	27°58'53	14°35	14°15	27°37	23° 2	28°23	26°40	5°47	5°41	15°45	0°26	1°40	19°29	21°39
S 20	17 53 44	28°56'08	27°10	14° 8	28°48	23°46	28°17	26°41	5°48	5°43	15°45	0°16	1°36	19°36	21°36
S 21	17 57 41	29°53'23	9Z32	14°D 7	0II 0	24°30	28°12	26°43	5°48	5°45	15°45	0° 6	1°33	19°43	21°32
M22	18 1 37	0Z50'37	21°42	14°10	1°12	25°13	28° 6	26°45	5°49	5°47	15°44	29Z58	1°30	19°49	21°29
T 23	18 5 34	1°47'51	3Z43	14°17	2°24	25°57	28° 1	26°46	5°49	5°50	15°44	29°52	1°27	19°56	21°26
W24	18 9 31	2°45'05	15°35	14°29	3°35	26°40	27°56	26°48	5°50	5°52	15°44	29°49	1°24	20° 3	21°22
T 25	18 13 27	3°42'19	27°23	14°46	4°47	27°24	27°51	26°49	5°50	5°54	15°44	29°D48	1°21	20° 9	21°19
F 26	18 17 24	4°39'32	9K11	15° 8	5°59	28° 7	27°46	26°50	5°51	5°56	15°44	29°48	1°17	20°16	21°15
S 27	18 21 20	5°36'45	21° 3	15°34	7°11	28°50	27°41	26°52	5°52	5°58	15°43	29°49	1°14	20°23	21°12
S 28	18 25 17	6°33'59	3VI 4	16° 5	8°23	29°33	27°36	26°53	5°52	6° 0	15°43	29°R50	1°11	20°29	21° 8
M29	18 29 13	7°31'12	15°20	16°41	9°35	0Z16	27°32	26°54	5°53	6° 2	15°43	29°50	1° 8	20°36	21° 5
T 30	18 33 10	8Z28'25	27VI55	17II21	10II47	0Z59	27II28	26K54	5Z54	6II 4	15K43	29Z48	1II 5	20K43	21Z 1

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	22n 3	0n12	2s54	22n29	0s43	11n46	1s56	2n22	1s37	19s15	1n 0	3s30	2s 1	1s39	0n43
T 2	22 11	4 18	3 44	22 10	1 0	12 10	1 55	2 40	1 38	19 13	1 0	3 29	2 1	1 39	0 43
W 3	22 19	8 18	4 24	21 52	1 17	12 33	1 55	2 57	1 38	19 12	1 0	3 28	2 1	1 39	0 43
T 4	22 26	12 2	4 50	21 33	1 35	12 56	1 54	3 14	1 38	19 11	1 0	3 27	2 1	1 39	0 43
F 5	22 32	15 13	5 1	21 13	1 52	13 19	1 53	3 32	1 38	19 9	0 59	3 26	2 2	1 39	0 43
S 6	22 39	17 36	4 55	20 54	2 9	13 41	1 53	3 49	1 38	19 8	0 59	3 25	2 2	1 38	0 43
S 7	22 45	18 56	4 29	20 35	2 26	14 3	1 52	4 6	1 38	19 7	0 59	3 24	2 2	1 38	0 43
M 8	22 50	19 3	3 46	20 17	2 42	14 25	1 51	4 23	1 38	19 5	0 59	3 23	2 2	1 38	0 43
T 9	22 56	17 53	2 48	19 59	2 57	14 47	1 50	4 40	1 38	19 4	0 59	3 22	2 3	1 38	0 43
W10	23 0	15 34	1 39	19 42	3 11	15 8	1 49	4 57	1 38	19 3	0 59	3 21	2 3	1 38	0 43
T 11	23 5	12 17	0 24	19 26	3 24	15 29	1 48	5 14	1 38	19 1	0 58	3 20	2 3	1 38	0 43
F 12	23 9	8 19	0n52	19 11	3 36	15 50	1 46	5 31	1 38	19 0	0 58	3 19	2 3	1 38	0 43
S 13	23 12	3 57	2 3	18 57	3 47	16 10	1 45	5 47	1 38	18 59	0 58	3 18	2 4	1 38	0 43
S 14	23 15	0s34	3 6	18 45	3 57	16 30	1 44	6 4	1 38	18 58	0 58	3 18	2 4	1 38	0 43
M15	23 18	4 58	3 57	18 34	4 5	16 49	1 42	6 21	1 38	18 56	0 58	3 17	2 4	1 38	0 43
T 16	23 20	9 4	4 35	18 25	4 12	17 8	1 41	6 37	1 38	18 55	0 58	3 16	2 5	1 38	0 43
W17	23 22	12 39	4 57	18 17	4 17	17 27	1 39	6 54	1 38	18 54	0 57	3 16	2 5	1 39	0 43
T 18	23 24	15 33	5 3	18 12	4 21	17 45	1 38	7 10	1 38	18 53	0 57	3 15	2 5	1 39	0 43
F 19	23 25	17 40	4 54	18 8	4 24	18 3	1 36	7 26	1 38	18 52	0 57	3 15	2 5	1 39	0 43
S 20	23 26	18 53	4 31	18 5	4 26	18 21	1 35	7 42	1 38	18 51	0 57	3 14	2 6	1 39	0 42
S 21	23 26	19 10	3 55	18 5	4 26	18 38	1 33	7 59	1 38	18 50	0 57	3 14	2 6	1 39	0 42
M22	23 26	18 34	3 9	18 6	4 25	18 54	1 31	8 15	1 38	18 49	0 56	3 13	2 6	1 39	0 42
T 23	23 25	17 7	2 15	18 10	4 23	19 10	1 29	8 30	1 37	18 48	0 56	3 13	2 6	1 40	0 42
W24	23 24	14 57	1 16	18 14	4 19	19 26	1 27	8 46	1 37	18 47	0 56	3 13	2 7	1 40	0 42
T 25	23 23	12 10	0 13	18 20	4 15	19 41	1 25	9 2	1 37	18 46	0 56	3 12	2 7	1 40	0 42
F 26	23 21	8 54	0s50	18 28	4 9	19 56	1 23	9 17	1 37	18 45	0 56	3 12	2 7	1 41	0 42
S 27	23 19	5 16	1 52	18 37	4 3	20 10	1 21	9 33	1 37	18 44	0 55	3 12	2 7	1 41	0 42
S 28	23 16	1 22	2 49	18 48	3 56	20 24	1 19	9 48	1 37	18 43	0 55	3 12	2 8	1 41	0 42
M29	23 13	2n39	3 40	18 59	3 48	20 37	1 17	10 3	1 36	18 43	0 55	3 12	2 8	1 42	0 42
T 30	23n10	6n39	4s22	19n11	3s39	20n49	1s15	10n19	1s36	18s42	0n55	3s11	2s 8	1s42	0n42

Julian Day Number = 2471419.5, Delta T = 128.86 sec
 Ecliptic obliquity = 23°25'47", Nutation = - 0°00'09"
 Ayanamsha: Fagan/Bradley = 25°30'02", Lahiri = 24°37'02"

SWISS EPHEMERIS for the year 2054

JULY 2054

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	18 37 6	9 ^h 25'38"	10 ^h 54'	18 ^h 11'	11 ^h 59'	1 ^h 42'	27 ^h R24	26 ^h 55'	5 ^h 55'	6 ^h 11'	15 ^h R42	29 ^h R44	1 ^h 11'	20 ^h 49'	20 ^h R58
T 2	18 41 3	10 ^h 22'52"	24 ^h 19'	18 ^h 55'	13 ^h 11'	2 ^h 25'	27 ^h M20	26 ^h 56'	5 ^h 56'	6 ^h 8'	15 ^h 42'	29 ^h Q38	0 ^h 58'	20 ^h 56'	20 ^h Z54
F 3	18 45 0	11 ^h 20'06"	8 ^h 12'	19 ^h 48'	14 ^h 23'	3 ^h 8'	27 ^h 16'	26 ^h 56'	5 ^h 57'	6 ^h 9'	15 ^h 41'	29 ^h 31'	0 ^h 55'	21 ^h 2'	20 ^h 51'
S 4	18 48 56	12 ^h 17'19"	22 ^h 30'	20 ^h 46'	15 ^h 35'	3 ^h 51'	27 ^h 12'	26 ^h 57'	5 ^h 58'	6 ^h 11'	15 ^h 41'	29 ^h 24'	0 ^h 52'	21 ^h 9'	20 ^h 47'
S 5	18 52 53	13 ^h 14'33"	7 ^h 59'	21 ^h 48'	16 ^h 48'	4 ^h 33'	27 ^h 9'	26 ^h 57'	5 ^h 59'	6 ^h 13'	15 ^h 41'	29 ^h 17'	0 ^h 49'	21 ^h 16'	20 ^h 43'
M 6	18 56 49	14 ^h 11'47"	22 ^h 1'	22 ^h 55'	18 ^h 0'	5 ^h 16'	27 ^h 5'	26 ^h 57'	6 ^h 0'	6 ^h 15'	15 ^h 40'	29 ^h 12'	0 ^h 46'	21 ^h 22'	20 ^h 40'
T 7	19 0 46	15 ^h 9'01"	6 ^h Q58	24 ^h 5'	19 ^h 12'	5 ^h 58'	27 ^h 2'	26 ^h 58'	6 ^h 2'	6 ^h 17'	15 ^h 40'	29 ^h 8'	0 ^h 42'	21 ^h 29'	20 ^h 36'
W 8	19 4 42	16 ^h 6'15"	21 ^h 52'	25 ^h 20'	20 ^h 24'	6 ^h 40'	26 ^h 59'	26 ^h R58	6 ^h 3'	6 ^h 19'	15 ^h 39'	29 ^h 6'	0 ^h 39'	21 ^h 36'	20 ^h 33'
T 9	19 8 39	17 ^h 3'28"	6 ^h 19'36"	26 ^h 39'	21 ^h 37'	7 ^h 23'	26 ^h 57'	26 ^h 57'	6 ^h 4'	6 ^h 21'	15 ^h 39'	29 ^h D 6'	0 ^h 36'	21 ^h 42'	20 ^h 29'
F 10	19 12 35	18 ^h 0'42"	21 ^h 4'	28 ^h 1'	22 ^h 49'	8 ^h 5'	26 ^h 54'	26 ^h 57'	6 ^h 6'	6 ^h 22'	15 ^h 38'	29 ^h 7'	0 ^h 33'	21 ^h 49'	20 ^h 25'
S 11	19 16 32	18 ^h 57'55"	5 ^h 14'	29 ^h 28'	24 ^h 1'	8 ^h 47'	26 ^h 52'	26 ^h 57'	6 ^h 7'	6 ^h 24'	15 ^h 37'	29 ^h 8'	0 ^h 30'	21 ^h 56'	20 ^h 22'
S 12	19 20 29	19 ^h 55'08"	19 ^h 4'	0 ^h 59'	25 ^h 14'	9 ^h 29'	26 ^h 49'	26 ^h 57'	6 ^h 9'	6 ^h 26'	15 ^h 37'	29 ^h R 9'	0 ^h 27'	22 ^h 2'	20 ^h 18'
M13	19 24 25	20 ^h 52'21"	2 ^h M35	2 ^h 33'	26 ^h 26'	10 ^h 10'	26 ^h 47'	26 ^h 56'	6 ^h 10'	6 ^h 28'	15 ^h 36'	29 ^h 8'	0 ^h 23'	22 ^h 9'	20 ^h 14'
T 14	19 28 22	21 ^h 49'34"	15 ^h 48'	4 ^h 11'	27 ^h 39'	10 ^h 52'	26 ^h 45'	26 ^h 56'	6 ^h 12'	6 ^h 29'	15 ^h 36'	29 ^h 6'	0 ^h 20'	22 ^h 16'	20 ^h 11'
W15	19 32 18	22 ^h 46'47"	28 ^h 45'	5 ^h 52'	28 ^h 51'	11 ^h 34'	26 ^h 44'	26 ^h 55'	6 ^h 13'	6 ^h 31'	15 ^h 35'	29 ^h 2'	0 ^h 17'	22 ^h 22'	20 ^h 7'
T 16	19 36 15	23 ^h 44'00"	11 ^h 7'28"	7 ^h 37'	0 ^h 54'	12 ^h 15'	26 ^h 42'	26 ^h 54'	6 ^h 15'	6 ^h 33'	15 ^h 34'	28 ^h 57'	0 ^h 14'	22 ^h 29'	20 ^h 3'
F 17	19 40 11	24 ^h 41'13"	23 ^h 57'	9 ^h 26'	1 ^h 16'	12 ^h 56'	26 ^h 41'	26 ^h 53'	6 ^h 17'	6 ^h 34'	15 ^h 34'	28 ^h 52'	0 ^h 11'	22 ^h 36'	20 ^h 0'
S 18	19 44 8	25 ^h 38'26"	6 ^h Z16	11 ^h 17'	2 ^h 29'	13 ^h 38'	26 ^h 40'	26 ^h 52'	6 ^h 19'	6 ^h 36'	15 ^h 33'	28 ^h 46'	0 ^h 7'	22 ^h 42'	19 ^h 56'
S 19	19 48 4	26 ^h 35'40"	18 ^h 24'	13 ^h 11'	3 ^h 42'	14 ^h 19'	26 ^h 39'	26 ^h 51'	6 ^h 20'	6 ^h 38'	15 ^h 32'	28 ^h 41'	0 ^h 4'	22 ^h 49'	19 ^h 52'
M20	19 52 1	27 ^h 32'54"	0 ^h 24'	15 ^h 8'	4 ^h 54'	15 ^h 0'	26 ^h 38'	26 ^h 50'	6 ^h 22'	6 ^h 39'	15 ^h 31'	28 ^h 37'	0 ^h 1'	22 ^h 55'	19 ^h 49'
T 21	19 55 58	28 ^h 30'09"	12 ^h 18'	17 ^h 7'	6 ^h 7'	15 ^h 41'	26 ^h 37'	26 ^h 49'	6 ^h 24'	6 ^h 41'	15 ^h 31'	28 ^h 34'	29 ^h Q58	23 ^h 2'	19 ^h 45'
W22	19 59 54	29 ^h 27'24"	24 ^h 6'	19 ^h 8'	7 ^h 20'	16 ^h 22'	26 ^h 37'	26 ^h 48'	6 ^h 26'	6 ^h 42'	15 ^h 30'	28 ^h D33	29 ^h 55'	23 ^h 9'	19 ^h 42'
T 23	20 3 51	0 ^h Q24'40"	5 ^h 54'	21 ^h 11'	8 ^h 33'	17 ^h 3'	26 ^h 36'	26 ^h 46'	6 ^h 28'	6 ^h 44'	15 ^h 29'	28 ^h 33'	29 ^h 52'	23 ^h 15'	19 ^h 38'
F 24	20 7 47	1 ^h 21'56"	17 ^h 42'	23 ^h 16'	9 ^h 45'	17 ^h 43'	26 ^h D36	26 ^h 45'	6 ^h 30'	6 ^h 45'	15 ^h 28'	28 ^h 34'	29 ^h 48'	23 ^h 22'	19 ^h 34'
S 25	20 11 44	2 ^h 19'13"	29 ^h 35'	25 ^h 21'	10 ^h 58'	18 ^h 24'	26 ^h 36'	26 ^h 43'	6 ^h 32'	6 ^h 47'	15 ^h 27'	28 ^h 36'	29 ^h 45'	23 ^h 29'	19 ^h 31'
S 26	20 15 40	3 ^h 16'31"	11 ^h 37'	27 ^h 28'	12 ^h 11'	19 ^h 4'	26 ^h 37'	26 ^h 41'	6 ^h 34'	6 ^h 48'	15 ^h 27'	28 ^h 37'	29 ^h 42'	23 ^h 35'	19 ^h 27'
M27	20 19 37	4 ^h 13'50"	23 ^h 53'	29 ^h 34'	13 ^h 24'	19 ^h 44'	26 ^h 37'	26 ^h 40'	6 ^h 37'	6 ^h 49'	15 ^h 26'	28 ^h 39'	29 ^h 39'	23 ^h 42'	19 ^h 24'
T 28	20 23 33	5 ^h 11'09"	6 ^h B26	1 ^h Q41	14 ^h 37'	20 ^h 24'	26 ^h 38'	26 ^h 38'	6 ^h 39'	6 ^h 51'	15 ^h 25'	28 ^h R39	29 ^h 36'	23 ^h 49'	19 ^h 20'
W29	20 27 30	6 ^h 8'30"	19 ^h 22'	3 ^h 48'	15 ^h 50'	21 ^h 4'	26 ^h 39'	26 ^h 36'	6 ^h 41'	6 ^h 52'	15 ^h 24'	28 ^h 38'	29 ^h 33'	23 ^h 55'	19 ^h 17'
T 30	20 31 27	7 ^h 5'52"	2 ^h II43	5 ^h 55'	17 ^h 3'	21 ^h 44'	26 ^h 40'	26 ^h 33'	6 ^h 43'	6 ^h 54'	15 ^h 23'	28 ^h 37'	29 ^h 29'	24 ^h 2'	19 ^h 14'
F 31	20 35 23	8 ^h Q 3'15"	16 ^h II32	8 ^h Q 1'	18 ^h 516	22 ^h 8'24"	26 ^h 41'	26 ^h 31'	6 ^h 46'	6 ^h II55	15 ^h 22'	28 ^h Q35	29 ^h Q26	24 ^h 29'	19 ^h Z10

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	23n 6	10n28	4s52	19n25	3s30	21n 1	1s12	10n34	1s36	18s41	0n54	3s11	2s 8	1s42	0n42	19n45	1s35	18s32	14s 2	11n34	11n 6	13s41	14s28	7n25
T 2	23 1 13 53	5 7 19 39	3 20 21 13	1 10 10 49	1 36 18 41	0 54 3 11	2 9 1 43	0 42 19 46	1 35 18 32	14 2 11 36	11 7 13 40	14 29 7 25												
F 3	22 57 16 39	5 5 19 54	3 9 21 24	1 8 11 3	1 36 18 40	0 54 3 11	2 9 1 43	0 42 19 46	1 35 18 33	14 3 11 38	11 9 13 38	14 29 7 25												
S 4	22 52 18 30	4 44 20 9	2 58 21 34	1 6 11 18	1 35 18 39	0 54 3 11	2 9 1 44	0 42 19 46	1 35 18 33	14 3 11 41	11 10 13 37	14 29 7 25												
S 5	22 46 19 11	4 4 20 24	2 47 21 44	1 3 11 32	1 35 18 39	0 53 3 12	2 10 1 44	0 42 19 47	1 35 18 34	14 3 11 43	11 11 13 36	14 30 7 25												
M 6	22 40 18 33	3 7 20 40	2 35 21 53	1 1 11 47	1 35 18 38	0 53 3 12	2 10 1 45	0 42 19 47	1 35 18 34	14 4 11 45	11 12 13 34	14 30 7 25												
T 7	22 34 16 38	1 57 20 56	2 23 22 1	0 58 12 1	1 35 18 38	0 53 3 12	2 10 1 45	0 42 19 47	1 35 18 35	14 4 11 46	11 13 13 33	14 31 7 25												
W 8	22 28 13 36	0 39 21 11	2 10 22 9	0 56 12 15	1 34 18 37	0 53 3 12	2 10 1 46	0 42 19 47	1 35 18 35	14 4 11 47	11 14 13 32	14 31 7 25												
T 9	22 21 9 43	0n41 21 26	1 57 22 17	0 53 12 29	1 34 18 37	0 53 3 12	2 11 1 46	0 42 19 48	1 35 18 36	14 5 11 47	11 15 13 31	14 32 7 25												
F 10	22 13 5 19	1 57 21 41	1 44 22 23	0 51 12 43	1 34 18 36	0 52 3 13	2 11 1 47	0 42 19 48	1 35 18 36	14 5 11 47	11 16 13 29	14 32 7 25												
S 11	22 5 0 44	3 4 21 55	1 31 22 29	0 48 12 57	1 33 18 36	0 52 3 13	2 11 1 48	0 42 19 48	1 35 18 37	14 5 11 46	11 18 13 28	14 33 7 25												
S 12	21 57 3s47	3 59 22 7	1 18 22 35	0 46 13 10	1 33 18 36	0 52 3 13	2 11 1 48	0 42 19 48	1 35 18 37	14 6 11 46	11 19 13 27	14 33 7 26												
M13	21 49 8 0	4 39 22 19	1 5 22 40	0 43 13 24	1 33 18 36	0 52 3 14	2 12 1 49	0 42 19 49	1 35 18 38	14 6 11 46	11 20 13 25	14 34 7 26												
T 14	21 40 11 43	5 3 22 30	0 52 22 44	0 41 13 37	1 32 18 35	0 51 3 14	2 12 1 50	0 41 19 49	1 35 18 38	14 6 11 47	11 21 13 24	14 34 7 26												
W15	21 30 14 48	5 11 22 39	0 39 22 48	0 38 13 50	1 32 18 35	0 51 3 15	2 12 1 50	0 41 19 49	1 35 18 39	14 7 11 48	11 22 13 23	14 35 7 26												
T 16	21 21 17 8	5 4 22 46	0 26 22 50	0 35 14 3	1 31 18 35	0 51 3 15	2 12 1 51	0 41 19 49	1 36 18 39	14 7 11 50	11 23 13 21	14 35 7 26												
F 17	21 11 18 35	4 42 22 52	0 14 22 53	0 33 14 16	1 31 18 35	0 51 3 16	2 13 1 52	0 41 19 50	1 36 18 40	14 7 11 52	11 24 13 20	14 36 7 26												
S 18	21 0 19 9	4 8 22 55	0 2 22 54	0 30 14 29	1 31 18 35	0 50 3 17	2 13 1 52	0 41 19 50	1 36 18 40	14 8 11 54	11 25 13 19	14 36 7 25												
S 19	20 50 18 50	3 22 22 57	0n10 22 55	0 27 14 42	1 30 18 35	0 50 3 17	2 13 1 53	0 41 19 50	1 36 18 41	14 8 11 56	11 27 13 17	14 37 7 25												
M20	20 39 17 39	2 28 22 55	0 21 22 56	0 25 14 54	1 30 18 35	0 50 3 18	2 14 1 54	0 41 19 50	1 36 18 41	14 8 11 57	11 28 13 16	14 37 7 25												
T 21	20 27 15 42	1 28 22 52	0 32 22 55	0 22 15 6	1 29 18 35	0 50 3 19	2 14 1 55	0 41 19 51	1 36 18 42	14 8 11 58	11 29 13 15	14 38 7 25												
W22	20 15 13 6	0 24 22 46	0 42 22 54	0 20 15																				

SWISS EPHEMERIS for the year 2054

AUGUST 2054

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
S 1	20 39 20	9♌ 0'39	0♉48	10♌ 6	19♉29	23♉ 4	26♌42	26°R29	6♉48	6♌56	15°R21	28°R32	29♌23	24♉15	19°R 7
S 2	20 43 16	9°58'04	15°27	12°10	20°43	23°43	26°44	26♉27	6°51	6°57	15♉20	28♌30	29°20	24°22	19♉ 4
M 3	20 47 13	10°55'30	0♌25	14°13	21°56	24°22	26°46	26°24	6°53	6°59	15°19	28°28	29°17	24°29	19° 0
T 4	20 51 9	11°52'57	15°34	16°15	23° 9	25° 1	26°47	26°22	6°56	7° 0	15°18	28°27	29°13	24°35	18°57
W 5	20 55 6	12°50'25	0♍43	18°16	24°22	25°41	26°50	26°19	6°58	7° 1	15°17	28°D26	29°10	24°42	18°54
T 6	20 59 2	13°47'53	15°44	20°15	25°36	26°19	26°52	26°16	7° 1	7° 2	15°16	28°27	29° 7	24°48	18°51
F 7	21 2 59	14°45'23	0♎28	22°13	26°49	26°58	26°54	26°14	7° 3	7° 3	15°15	28°28	29° 4	24°55	18°48
S 8	21 6 56	15°42'53	14°52	24° 9	28° 2	27°37	26°57	26°11	7° 6	7° 4	15°14	28°29	29° 1	25° 2	18°45
S 9	21 10 52	16°40'23	28°52	26° 4	29°16	28°15	27° 0	26° 8	7° 9	7° 5	15°13	28°29	28°58	25° 8	18°42
M10	21 14 49	17°37'55	12♌27	27°57	0♌29	28°53	27° 3	26° 5	7°12	7° 6	15°12	28°R30	28°54	25°15	18°39
T 11	21 18 45	18°35'28	25°38	29°49	1°43	29°31	27° 6	26° 2	7°14	7° 7	15°11	28°30	28°51	25°22	18°36
W12	21 22 42	19°33'01	8♌29	1♍39	2°56	0♌ 9	27° 9	25°58	7°17	7° 8	15°10	28°29	28°48	25°28	18°33
T 13	21 26 38	20°30'35	21° 2	3°28	4°10	0°47	27°13	25°55	7°20	7° 9	15° 9	28°29	28°45	25°35	18°30
F 14	21 30 35	21°28'10	3♌20	5°15	5°23	1°25	27°16	25°52	7°23	7°10	15° 8	28°28	28°42	25°42	18°27
S 15	21 34 31	22°25'46	15°27	7° 1	6°37	2° 2	27°20	25°48	7°26	7°11	15° 6	28°27	28°39	25°48	18°24
S 16	21 38 28	23°23'23	27°25	8°45	7°50	2°39	27°24	25°45	7°29	7°12	15° 5	28°26	28°35	25°55	18°22
M17	21 42 25	24°21'02	9♌17	10°28	9° 4	3°16	27°28	25°41	7°32	7°12	15° 4	28°26	28°32	26° 2	18°19
T 18	21 46 21	25°18'41	21° 5	12°10	10°18	3°53	27°33	25°38	7°35	7°13	15° 3	28°25	28°29	26° 8	18°16
W19	21 50 18	26°16'22	2♌53	13°50	11°32	4°30	27°37	25°34	7°38	7°14	15° 2	28°D25	28°26	26°15	18°14
T 20	21 54 14	27°14'04	14°42	15°28	12°45	5° 7	27°42	25°30	7°41	7°15	15° 1	28°26	28°23	26°21	18°11
F 21	21 58 11	28°11'47	26°34	17° 5	13°59	5°43	27°46	25°27	7°44	7°15	15° 0	28°R26	28°19	26°28	18° 9
S 22	22 2 7	29° 9'32	8♌33	18°41	15°13	6°19	27°51	25°23	7°47	7°16	14°58	28°26	28°16	26°35	18° 7
S 23	22 6 4	0♍ 7'19	20°40	20°15	16°27	6°55	27°56	25°19	7°50	7°17	14°57	28°25	28°13	26°41	18° 4
M24	22 10 0	1° 5'07	3♌ 0	21°48	17°41	7°31	28° 2	25°15	7°53	7°17	14°56	28°25	28°10	26°48	18° 2
T 25	22 13 57	2° 2'57	15°35	23°19	18°55	8° 7	28° 7	25°11	7°57	7°18	14°55	28°25	28° 7	26°55	18° 0
W26	22 17 53	3° 0'48	28°29	24°49	20° 9	8°42	28°13	25° 7	8° 0	7°18	14°54	28°D25	28° 4	27° 1	17°58
T 27	22 21 50	3°58'42	11♌45	26°17	21°23	9°17	28°18	25° 3	8° 3	7°19	14°52	28°25	28° 0	27° 8	17°56
F 28	22 25 47	4°56'37	25°25	27°44	22°37	9°52	28°24	24°58	8° 6	7°19	14°51	28°25	27°57	27°15	17°54
S 29	22 29 43	5°54'34	9♉29	29°10	23°51	10°27	28°30	24°54	8°10	7°20	14°50	28°26	27°54	27°21	17°52
S 30	22 33 40	6°52'33	23°58	0♎34	25° 5	11° 2	28°37	24°50	8°13	7°20	14°49	28°26	27°51	27°28	17°50
M31	22 37 36	7♍50'34	8♌47	1♎57	26♌19	11♌36	28♌43	24♉46	8♌17	7♌20	14♉47	28♌27	27♌48	27♉35	17♉48

Day	☉		☽		♀		♂		♃		♄		♅		♆		♁		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	18n 0	18n58	4s27	19n22	1n43	22n 8	0n 7	17n11	1s23	18s39	0n47	3s29	2s16	2s 5	0n41	19n53	1s36	18s48	14s11	11n59	11n41	13s 0	14s44	7n24
S 2	17 45	18 58	3 36	18 49	1 45	21 59	0 9	17 22	1 23	18 39	0 47	3 30	2 17	2 6	0 41	19 53	1 36	18 49	14 12	12 0	11 42	12 58	14 45	7 24
M 3	17 19	17 38	2 29	18 15	1 46	21 50	0 12	17 32	1 22	18 40	0 47	3 31	2 17	2 7	0 41	19 53	1 36	18 50	14 12	12 0	11 43	12 57	14 46	7 23
T 4	17 13	15 2	1 11	17 39	1 46	21 41	0 14	17 42	1 21	18 41	0 46	3 33	2 17	2 8	0 41	19 53	1 36	18 50	14 12	12 1	11 44	12 56	14 46	7 23
W 5	16 57	11 25	0n13	17 2	1 46	21 31	0 17	17 52	1 21	18 41	0 46	3 34	2 17	2 9	0 41	19 53	1 36	18 51	14 12	12 1	11 45	12 54	14 47	7 23
T 6	16 41	7 5	1 34	16 23	1 45	21 20	0 19	18 2	1 20	18 42	0 46	3 35	2 18	2 10	0 41	19 54	1 36	18 51	14 12	12 1	11 47	12 53	14 48	7 23
F 7	16 24	2 23	2 49	15 44	1 44	21 9	0 22	18 11	1 19	18 43	0 46	3 36	2 18	2 11	0 41	19 54	1 36	18 52	14 13	12 1	11 48	12 52	14 48	7 22
S 8	16 7	2s19	3 50	15 4	1 41	20 57	0 24	18 21	1 19	18 44	0 45	3 38	2 18	2 12	0 41	19 54	1 36	18 53	14 13	12 1	11 49	12 50	14 49	7 22
S 9	15 50	6 46	4 36	14 22	1 39	20 44	0 27	18 30	1 18	18 45	0 45	3 39	2 18	2 13	0 41	19 54	1 36	18 53	14 13	12 0	11 50	12 49	14 50	7 22
M10	15 33	10 43	5 5	13 40	1 36	20 31	0 29	18 39	1 17	18 46	0 45	3 41	2 18	2 14	0 40	19 54	1 37	18 54	14 13	12 0	11 51	12 47	14 50	7 22
T 11	15 15	14 2	5 17	12 58	1 32	20 17	0 31	18 48	1 16	18 47	0 45	3 42	2 19	2 15	0 40	19 54	1 37	18 54	14 13	12 0	11 52	12 46	14 51	7 21
W12	14 57	16 34	5 13	12 15	1 28	20 3	0 34	18 56	1 16	18 48	0 45	3 43	2 19	2 16	0 40	19 54	1 37	18 55	14 14	12 0	11 53	12 45	14 52	7 21
T 13	14 39	18 15	4 53	11 31	1 23	19 48	0 36	19 5	1 15	18 49	0 44	3 45	2 19	2 17	0 40	19 54	1 37	18 56	14 14	12 0	11 54	12 43	14 52	7 21
F 14	14 20	19 3	4 21	10 48	1 18	19 32	0 38	19 13	1 14	18 50	0 44	3 46	2 19	2 19	0 40	19 54	1 37	18 56	14 14	12 0	11 55	12 42	14 53	7 20
S 15	14 2	18 57	3 37	10 3	1 13	19 16	0 40	19 22	1 13	18 51	0 44	3 48	2 19	2 20	0 40	19 55	1 37	18 57	14 14	12 1	11 57	12 40	14 54	7 20
S 16	13 43	17 59	2 44	9 19	1 7	18 59	0 43	19 30	1 13	18 52	0 44	3 50	2 20	2 21	0 40	19 55	1 37	18 57	14 14	12 1	11 58	12 39	14 54	7 20
M17	13 24	16 15	1 44	8 35	1 1	18 42	0 45	19 38	1 12	18 53	0 43	3 51	2 20	2 22	0 40	19 55	1 37	18 58	14 14	12 1	11 59	12 38	14 55	7 19
T 18	13 5	13 49	0 41	7 50	0 55	18 24	0 47	19 45	1 11	18 54	0 43	3 53	2 20	2 23	0 40	19 55	1 37	18 59	14 15	12 1	12 0	12 36	14 56	7 19
W19	12 45	10 50	0s25	7 6	0 48	18 6	0 49	19 53	1 10	18 55	0 43	3 54	2 20	2 25	0 40	19 55	1 37	18 59	14 15	12 1	12 1	12 35	14 56	7 19
T 20	12 26	7 24	1 29	6 22	0 41	17 47	0 51	20 1	1 9	18 57	0 43	3 56	2 20	2 26	0 40	19 55	1 37	19 0	14 15	12 1	12 2	12 33	14 57	7 18
F 21	12 6	3 40	2 30	5 37	0 34	17 28	0 53	20 8	1 8	18 58	0 43	3 58	2 21	2 27	0 40	19 55	1 37	19 0	14 15	12 1	12 3	12 32	14 58	7 18
S 22	11 46	0n15	3 25	4 53	0 27	17 8	0 55	20 15	1 7	18 59	0 42	3 59	2 21	2 28	0 40	19 55	1 37	19 1	14 15	12 1	12 4	12 30	14 59	7 18
S 23	11 25	4 11	4 12	4 9	0 19	16 48	0 57	20 22	1 6	19 1	0 42	4 1	2 21	2 30	0 40	19 55	1 37	19 2	14 15	12 1	12 5	12 29	14 59	7 17
M24	11 5	8 0	4 47	3 26	0 11	16 27	0 58	20 29	1 6	19 2	0 42	4 3	2 21	2 31	0 40	19 55	1 37	19 2	14 15	12 1	12 6	12 28	15 0	7 17
T 25	10 44	11 33	5 10	2 42	0 3	16 6	1 0	20 35	1 5	19 3	0 42	4 4	2 21	2 32	0 40	19 55	1 37	19 3	14 16	12 1	12 8	12 26	15 1	7 16
W26	10 24	14 39	5 18	1 59	0s 5	15 44	1 2	20 42	1 4	19 5	0 41	4 6	2 21	2 34	0 40	19 55	1 37	19 3	14 16	12 1	12 9	12 25	15 1	7 16
T 27	10 3	17 5	5 9	1 16	0 13	15 22	1 3	20 48	1 3	19 6	0 41	4 8	2 21	2 35	0 40	19 55	1 37	19 4	14 16	12 1	12 10	12 23	15 2	7 16
F 28	9 42	18 38	4 43	0 34	0 22	15 0	1 5	20 54	1 2	19 8	0 41	4 10	2 22	2 36	0 40	19 55	1 37	19 4	14 16	12 1	1			

SWISS EPHEMERIS for the year 2054

SEPTEMBER 2054

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	22 41 33	8 ^m 48'36	23 ^o Ω51	3 ^o Ω18	27 ^o Ω33	12 ^o Π10	28 ^o Μ49	24 ^o R41	8 ^o Ω20	7 ^o Π21	14 ^o R46	28 ^o R27	27 ^o Ω44	27 ^o Ω41	17 ^o R47							
W 2	22 45 29	9 ^o 46'41	9 ^m 1	4 ^o 38	28 ^o 47	12 ^o 44	28 ^o 56	24 ^o Κ37	8 ^o 23	7 ^o 21	14 ^o Κ45	28 ^o Ω27	27 ^o 41	27 ^o 48	17 ^o Ω45							
T 3	22 49 26	10 ^o 44'46	24 ^o 8	5 ^o 56	0 ^m 1	13 ^o 17	29 ^o 3	24 ^o 33	8 ^o 27	7 ^o 21	14 ^o 44	28 ^o 26	27 ^o 38	27 ^o 54	17 ^o 44							
F 4	22 53 22	11 ^o 42'53	9 ^o Ω 3	7 ^o 12	1 ^o 16	13 ^o 51	29 ^o 10	24 ^o 28	8 ^o 30	7 ^o 21	14 ^o 42	28 ^o 25	27 ^o 35	28 ^o 1	17 ^o 42							
S 5	22 57 19	12 ^o 41'02	23 ^o 38	8 ^o 26	2 ^o 30	14 ^o 24	29 ^o 17	24 ^o 24	8 ^o 34	7 ^o 21	14 ^o 41	28 ^o 23	27 ^o 32	28 ^o 8	17 ^o 41							
S 6	23 1 16	13 ^o 39'13	7 ^m Λ48	9 ^o 39	3 ^o 44	14 ^o 57	29 ^o 24	24 ^o 19	8 ^o 37	7 ^o 22	14 ^o 40	28 ^o 22	27 ^o 29	28 ^o 14	17 ^o 39							
M 7	23 5 12	14 ^o 37'24	21 ^o 32	10 ^o 50	4 ^o 59	15 ^o 29	29 ^o 31	24 ^o 15	8 ^o 41	7 ^o 22	14 ^o 39	28 ^o 20	27 ^o 25	28 ^o 21	17 ^o 38							
T 8	23 9 9	15 ^o 35'38	4 ^m Λ48	11 ^o 59	6 ^o 13	16 ^o 2	29 ^o 39	24 ^o 10	8 ^o 44	7 ^o 22	14 ^o 37	28 ^o 19	27 ^o 22	28 ^o 28	17 ^o 37							
W 9	23 13 5	16 ^o 33'53	17 ^o 39	13 ^o 6	7 ^o 27	16 ^o 34	29 ^o 46	24 ^o 6	8 ^o 48	7 ^o 22	14 ^o 36	28 ^o D19	27 ^o 19	28 ^o 34	17 ^o 36							
T 10	23 17 2	17 ^o 32'09	0 ^o Ω10	14 ^o 11	8 ^o 42	17 ^o 6	29 ^o 54	24 ^o 1	8 ^o 52	7 ^o R22	14 ^o 35	28 ^o 19	27 ^o 16	28 ^o 41	17 ^o 35							
F 11	23 20 58	18 ^o 30'27	12 ^o 23	15 ^o 13	9 ^o 56	17 ^o 37	0 ^o ♂ 2	23 ^o 56	8 ^o 55	7 ^o 22	14 ^o 34	28 ^o 20	27 ^o 13	28 ^o 48	17 ^o 34							
S 12	23 24 55	19 ^o 28'46	24 ^o 23	16 ^o 13	11 ^o 11	18 ^o 8	0 ^o 10	23 ^o 52	8 ^o 59	7 ^o 22	14 ^o 32	28 ^o 22	27 ^o 10	28 ^o 54	17 ^o 33							
S 13	23 28 51	20 ^o 27'07	6 ^m Λ16	17 ^o 11	12 ^o 25	18 ^o 39	0 ^o 18	23 ^o 47	9 ^o 2	7 ^o 22	14 ^o 31	28 ^o 24	27 ^o 6	29 ^o 1	17 ^o 32							
M14	23 32 48	21 ^o 25'30	18 ^o 4	18 ^o 5	13 ^o 40	19 ^o 10	0 ^o 26	23 ^o 43	9 ^o 6	7 ^o 22	14 ^o 30	28 ^o 25	27 ^o 3	29 ^o 8	17 ^o 31							
T 15	23 36 45	22 ^o 23'54	29 ^o 51	18 ^o 57	14 ^o 54	19 ^o 40	0 ^o 34	23 ^o 38	9 ^o 10	7 ^o 21	14 ^o 29	28 ^o R25	27 ^o 0	29 ^o 14	17 ^o 30							
W16	23 40 41	23 ^o 22'20	11 ^m Κ41	19 ^o 45	16 ^o 9	20 ^o 11	0 ^o 43	23 ^o 33	9 ^o 13	7 ^o 21	14 ^o 27	28 ^o 24	26 ^o 57	29 ^o 21	17 ^o 30							
T 17	23 44 38	24 ^o 20'48	23 ^o 35	20 ^o 31	17 ^o 23	20 ^o 40	0 ^o 52	23 ^o 29	9 ^o 17	7 ^o 21	14 ^o 26	28 ^o 22	26 ^o 54	29 ^o 27	17 ^o 29							
F 18	23 48 34	25 ^o 19'17	5 ^m Υ36	21 ^o 12	18 ^o 38	21 ^o 10	1 ^o 0	23 ^o 24	9 ^o 21	7 ^o 21	14 ^o 25	28 ^o 19	26 ^o 50	29 ^o 34	17 ^o 29							
S 19	23 52 31	26 ^o 17'49	17 ^o 45	21 ^o 49	19 ^o 52	21 ^o 39	1 ^o 9	23 ^o 19	9 ^o 24	7 ^o 20	14 ^o 24	28 ^o 15	26 ^o 47	29 ^o 41	17 ^o 29							
S 20	23 56 27	27 ^o 16'23	0 ^o Ω 5	22 ^o 23	21 ^o 7	22 ^o 8	1 ^o 18	23 ^o 15	9 ^o 28	7 ^o 20	14 ^o 23	28 ^o 10	26 ^o 44	29 ^o 47	17 ^o 28							
M21	0 0 24	28 ^o 14'58	12 ^o 35	22 ^o 51	22 ^o 22	22 ^o 36	1 ^o 27	23 ^o 10	9 ^o 32	7 ^o 20	14 ^o 21	28 ^o 5	26 ^o 41	29 ^o 54	17 ^o 28							
T 22	0 4 20	29 ^o 13'36	25 ^o 19	23 ^o 15	23 ^o 36	23 ^o 5	1 ^o 36	23 ^o 6	9 ^o 36	7 ^o 19	14 ^o 20	28 ^o 1	26 ^o 38	0 ^o Κ 1	17 ^o 28							
W23	0 8 17	0 ^o Ω12'16	8 ^m Π18	23 ^o 33	24 ^o 51	23 ^o 32	1 ^o 45	23 ^o 1	9 ^o 39	7 ^o 19	14 ^o 19	27 ^o 57	26 ^o 35	0 ^o 7	17 ^o D28							
T 24	0 12 13	1 ^o 10'59	21 ^o 33	23 ^o 46	26 ^o 6	24 ^o 0	1 ^o 55	22 ^o 56	9 ^o 43	7 ^o 18	14 ^o 18	27 ^o 56	26 ^o 31	0 ^o 14	17 ^o 28							
F 25	0 16 10	2 ^o 9'44	5 ^m Ω 7	23 ^o 53	27 ^o 20	24 ^o 27	2 ^o 4	22 ^o 52	9 ^o 47	7 ^o 18	14 ^o 17	27 ^o D55	26 ^o 28	0 ^o 21	17 ^o 28							
S 26	0 20 7	3 ^o 8'31	19 ^o 0	23 ^o R53	28 ^o 35	24 ^o 54	2 ^o 14	22 ^o 47	9 ^o 51	7 ^o 18	14 ^o 15	27 ^o 56	26 ^o 25	0 ^o 27	17 ^o 28							
S 27	0 24 3	4 ^o 7'20	3 ^o Ω12	23 ^o 46	29 ^o 50	25 ^o 20	2 ^o 24	22 ^o 43	9 ^o 54	7 ^o 17	14 ^o 14	27 ^o 57	26 ^o 22	0 ^o 34	17 ^o 28							
M28	0 28 0	5 ^o 6'11	17 ^o 43	23 ^o 32	1 ^o Ω 5	25 ^o 46	2 ^o 33	22 ^o 38	9 ^o 58	7 ^o 16	14 ^o 13	27 ^o 59	26 ^o 19	0 ^o 41	17 ^o 29							
T 29	0 31 56	6 ^o 5'05	2 ^m Π29	23 ^o 11	2 ^o 20	26 ^o 12	2 ^o 43	22 ^o 34	10 ^o 2	7 ^o 16	14 ^o 12	27 ^o R59	26 ^o 15	0 ^o 47	17 ^o 29							
W30	0 35 53	7 ^o Ω 4'01	17 ^m Π24	22 ^o Ω43	3 ^o Ω34	26 ^o Π37	2 ^o ♂53	22 ^o Κ29	10 ^o Ω 6	7 ^o Π15	14 ^o Κ11	27 ^o Ω57	26 ^o Ω12	0 ^o Κ54	17 ^o Ω30							

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	8n16	13n10	0s26	2s10	0s56	13n26	1n11	21n18	0s58	19s14	0n40	4s17	2s22	2s42	0n40	19n55	1s38	19s 7	14s16	12n 0	12n15	12s16	15s 5	7n13
W 2	7 54	9 5	0n58	2 50	1 5	13 1	1 12	21 23	0 56	19 16	0 40	4 19	2 22	2 43	0 40	19 55	1 38	19 7	14 16	12 0	12 16	12 15	15 6	7 13
T 3	7 32	4 26	2 18	3 29	1 14	12 36	1 13	21 28	0 55	19 17	0 40	4 21	2 22	2 44	0 40	19 55	1 38	19 8	14 16	12 1	12 17	12 13	15 6	7 12
F 4	7 10	0s25	3 27	4 7	1 22	12 11	1 15	21 33	0 54	19 19	0 40	4 23	2 22	2 46	0 40	19 55	1 38	19 8	14 16	12 1	12 18	12 12	15 7	7 12
S 5	6 48	5 8	4 20	4 45	1 31	11 46	1 16	21 38	0 53	19 21	0 39	4 24	2 23	2 47	0 40	19 55	1 38	19 9	14 16	12 2	12 20	12 10	15 8	7 12
S 6	6 26	9 26	4 57	5 21	1 40	11 20	1 17	21 43	0 52	19 23	0 39	4 26	2 23	2 48	0 40	19 55	1 38	19 9	14 16	12 2	12 21	12 9	15 8	7 11
M 7	6 3 13	4 5	14 5	5 57	1 49	10 53	1 18	21 48	0 51	19 24	0 39	4 28	2 23	2 50	0 40	19 55	1 38	19 10	14 16	12 3	12 22	12 7	15 9	7 11
T 8	5 41	15 56	5 15	6 32	1 58	10 27	1 19	21 52	0 50	19 26	0 39	4 30	2 23	2 51	0 40	19 55	1 38	19 10	14 16	12 3	12 23	12 6	15 10	7 10
W 9	5 18	17 54	4 59	7 7	2 6	10 0	1 20	21 57	0 48	19 28	0 39	4 32	2 23	2 53	0 40	19 55	1 38	19 11	14 16	12 3	12 24	12 4	15 10	7 10
T 10	4 55	18 57	4 29	7 40	2 15	9 33	1 21	22 1	0 47	19 30	0 38	4 34	2 23	2 54	0 40	19 55	1 38	19 11	14 16	12 3	12 25	12 3	15 11	7 9
F 11	4 33	19 4	3 48	8 12	2 23	9 6	1 21	22 5	0 46	19 32	0 38	4 36	2 23	2 56	0 40	19 55	1 38	19 12	14 17	12 3	12 26	12 1	15 12	7 9
S 12	4 10	18 20	2 57	8 42	2 32	8 38	1 22	22 10	0 45	19 33	0 38	4 38	2 23	2 57	0 40	19 55	1 38	19 12	14 17	12 2	12 27	12 0	15 12	7 8
S 13	3 47	16 46	1 59	9 12	2 40	8 10	1 23	22 13	0 43	19 35	0 38	4 40	2 23	2 58	0 40	19 55	1 38	19 13	14 17	12 2	12 28	11 58	15 13	7 8
M14	3 24	14 31	0 57	9 40	2 48	7 42	1 23	22 17	0 42	19 37	0 38	4 41	2 23	3 0	0 40	19 55	1 38	19 13	14 16	12 1	12 29	11 57	15 13	7 7
T 15	3 1	11 39	0s 8	10 7	2 55	7 14	1 24	22 21	0 41	19 39	0 37	4 43	2 23	3 1	0 40	19 55	1 38	19 14	14 16	12 1	12 30	11 55	15 14	7 7
W16	2 38	8 18	1 12	10 32	3 3	6 46	1 24	22 25	0 40	19 41	0 37	4 45	2 23	3 3	0 40	19 55	1 38	19 14	14 16	12 1	12 32	11 54	15 14	7 6
T 17	2 15	4 36	2 14	10 56	3 10	6 17	1 25	22 28	0 38	19 43	0 37	4 47	2 23	3 4	0 40	19 55	1 38	19 15	14 16	12 2	12 33	11 52	15 15	7 6
F 18	1 52	0 41	3 10	11 18	3 16	5 48	1 25	22 31	0 37	19 45	0 37	4 49	2 23	3 6	0 40									

SWISS EPHEMERIS for the year 2054

OCTOBER 2054

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 39 49	8♁ 2'59	2♁22	22°R 6	4♁49	27♁ 2	3♁ 4	22°R25	10♁10	7°R14	14°R10	27°R54	26♁ 9	1♁ 1	17♁30
F 2	0 43 46	9° 1'59	17°12	21♁23	6° 4	27°26	3°14	22♁21	10°13	7♁14	14♁ 9	27♁49	26° 6	1° 7	17°31
S 3	0 47 42	10° 1'01	1♁49	20°32	7°19	27°50	3°24	22°16	10°17	7°13	14° 7	27°43	26° 3	1°14	17°32
S 4	0 51 39	11° 0'05	16° 3	19°35	8°34	28°13	3°34	22°12	10°21	7°12	14° 6	27°36	26° 0	1°20	17°32
M 5	0 55 36	11°59'10	29°52	18°33	9°49	28°36	3°45	22° 8	10°25	7°11	14° 5	27°29	25°56	1°27	17°33
T 6	0 59 32	12°58'18	13♁13	17°27	11° 4	28°59	3°56	22° 4	10°28	7°11	14° 4	27°24	25°53	1°34	17°34
W 7	1 3 29	13°57'28	26° 9	16°17	12°19	29°21	4° 6	22° 0	10°32	7°10	14° 3	27°20	25°50	1°40	17°35
T 8	1 7 25	14°56'39	8♁41	15° 7	13°34	29°42	4°17	21°56	10°36	7° 9	14° 2	27°19	25°47	1°47	17°36
F 9	1 11 22	15°55'52	20°54	13°58	14°49	0♁ 4	4°28	21°51	10°40	7° 8	14° 1	27°D18	25°44	1°54	17°38
S 10	1 15 18	16°55'07	2♁53	12°51	16° 4	0°24	4°39	21°48	10°44	7° 7	14° 0	27°19	25°41	2° 0	17°39
S 11	1 19 15	17°54'23	14°44	11°49	17°19	0°44	4°50	21°44	10°47	7° 6	13°59	27°21	25°37	2° 7	17°40
M12	1 23 11	18°53'42	26°31	10°53	18°34	1° 4	5° 1	21°40	10°51	7° 5	13°58	27°R21	25°34	2°14	17°42
T 13	1 27 8	19°53'02	8♁19	10° 6	19°49	1°23	5°12	21°36	10°55	7° 4	13°57	27°21	25°31	2°20	17°43
W14	1 31 5	20°52'24	20°13	9°28	21° 4	1°41	5°23	21°32	10°59	7° 3	13°56	27°18	25°28	2°27	17°45
T 15	1 35 1	21°51'47	2°Y14	9° 0	22°19	1°59	5°35	21°29	11° 2	7° 2	13°55	27°13	25°25	2°34	17°46
F 16	1 38 58	22°51'13	14°27	8°43	23°34	2°17	5°46	21°25	11° 6	7° 1	13°54	27° 5	25°21	2°40	17°48
S 17	1 42 54	23°50'41	26°51	8°D37	24°49	2°34	5°58	21°21	11°10	7° 0	13°53	26°56	25°18	2°47	17°50
S 18	1 46 51	24°50'11	9♁28	8°42	26° 4	2°50	6° 9	21°18	11°14	6°59	13°52	26°45	25°15	2°53	17°52
M19	1 50 47	25°49'43	22°17	8°57	27°19	3° 6	6°21	21°15	11°17	6°57	13°52	26°34	25°12	3° 0	17°54
T 20	1 54 44	26°49'17	5♁19	9°23	28°34	3°21	6°33	21°11	11°21	6°56	13°51	26°25	25° 9	3° 7	17°56
W21	1 58 40	27°48'54	18°32	9°59	29°49	3°35	6°44	21° 8	11°25	6°55	13°50	26°17	25° 6	3°13	17°58
T 22	2 2 37	28°48'32	1♁57	10°43	1♁ 4	3°49	6°56	21° 5	11°28	6°54	13°49	26°11	25° 2	3°20	18° 0
F 23	2 6 34	29°48'13	15°34	11°35	2°19	4° 2	7° 8	21° 2	11°32	6°53	13°48	26° 8	24°59	3°27	18° 2
S 24	2 10 30	0♁47'56	29°22	12°35	3°34	4°15	7°20	20°59	11°36	6°51	13°48	26°D 7	24°56	3°33	18° 5
S 25	2 14 27	1°47'42	13♁23	13°41	4°49	4°27	7°32	20°56	11°39	6°50	13°47	26° 7	24°53	3°40	18° 7
M26	2 18 23	2°47'30	27°36	14°52	6° 5	4°38	7°44	20°53	11°43	6°49	13°46	26°R 8	24°50	3°47	18° 9
T 27	2 22 20	3°47'19	12♁ 0	16° 8	7°20	4°48	7°57	20°50	11°46	6°47	13°45	26° 7	24°47	3°53	18°12
W28	2 26 16	4°47'12	26°31	17°28	8°35	4°58	8° 9	20°47	11°50	6°46	13°45	26° 4	24°43	4° 0	18°15
T 29	2 30 13	5°47'06	11♁ 6	18°52	9°50	5° 7	8°21	20°45	11°54	6°45	13°44	25°58	24°40	4° 7	18°17
F 30	2 34 9	6°47'02	25°37	20°19	11° 5	5°15	8°34	20°42	11°57	6°43	13°43	25°49	24°37	4°13	18°20
S 31	2 38 6	7♁47'01	9♁59	21♁48	12♁20	5♁23	8♁46	20♁40	12♁ 1	6♁42	13♁43	25♁38	24♁34	4♁20	18♁23

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	3s12	1n45	2n56	11s55	3s34	0s39	1n23	23n 7	0s17	20s12	0n35	5s12	2s24	3s25	0n40	19n53	1s39	19s20	14s15	12n12	12n48	11s31	15s22	6n58
F 2	3 35	3s 8	3 56	11 32	3 27	1 9	1 23	23 9	0 15	20 14	0 35	5 14	2 23	3 26	0 40	19 53	1 39	19 21	14 15	12 14	12 49	11 30	15 23	6 58
S 3	3 58	7 44	4 39	11 4	3 17	1 39	1 22	23 11	0 14	20 16	0 34	5 16	2 23	3 28	0 40	19 53	1 39	19 21	14 15	12 16	12 50	11 28	15 23	6 57
S 4	4 21	11 48	5 3	10 32	3 6	2 9	1 21	23 13	0 12	20 18	0 34	5 17	2 23	3 29	0 40	19 52	1 39	19 21	14 15	12 18	12 51	11 27	15 24	6 57
M 5	4 44	15 5	5 9	9 56	2 52	2 39	1 20	23 15	0 10	20 20	0 34	5 19	2 23	3 31	0 39	19 52	1 39	19 22	14 15	12 20	12 52	11 25	15 24	6 56
T 6	5 7	17 27	4 58	9 16	2 37	3 9	1 20	23 17	0 8	20 22	0 34	5 21	2 23	3 32	0 39	19 52	1 39	19 22	14 15	12 22	12 53	11 24	15 24	6 56
W 7	5 30	18 51	4 31	8 34	2 21	3 39	1 19	23 19	0 6	20 24	0 34	5 22	2 23	3 34	0 39	19 52	1 39	19 22	14 15	12 24	12 54	11 22	15 25	6 55
T 8	5 53	19 17	3 53	7 50	2 2	4 9	1 18	23 21	0 5	20 27	0 34	5 24	2 23	3 35	0 39	19 52	1 39	19 22	14 15	12 24	12 55	11 20	15 25	6 54
F 9	6 16	18 46	3 4	7 5	1 43	4 39	1 17	23 23	0 3	20 29	0 33	5 25	2 23	3 37	0 39	19 51	1 39	19 23	14 14	12 24	12 56	11 19	15 26	6 54
S 10	6 39	17 25	2 8	6 21	1 23	5 9	1 16	23 25	0 1	20 31	0 33	5 27	2 23	3 38	0 39	19 51	1 39	19 23	14 14	12 24	12 57	11 17	15 26	6 53
S 11	7 1	15 20	1 8	5 38	1 2	5 39	1 15	23 27	0n 1	20 33	0 33	5 28	2 23	3 40	0 39	19 51	1 40	19 23	14 14	12 23	12 58	11 16	15 26	6 53
M12	7 24	12 36	0 5	4 57	0 42	6 8	1 13	23 29	0 3	20 35	0 33	5 30	2 23	3 41	0 39	19 51	1 40	19 23	14 14	12 23	13 0	11 14	15 27	6 52
T 13	7 46	9 21	0s59	4 20	0 22	6 38	1 12	23 30	0 5	20 37	0 33	5 31	2 23	3 43	0 39	19 51	1 40	19 24	14 14	12 23	13 1	11 13	15 27	6 52
W14	8 9	5 43	2 0	3 47	0 2	7 7	1 11	23 32	0 7	20 39	0 33	5 32	2 23	3 44	0 39	19 50	1 40	19 24	14 14	12 24	13 2	11 11	15 27	6 51
T 15	8 31	1 48	2 56	3 19	0n16	7 36	1 9	23 34	0 9	20 42	0 33	5 34	2 23	3 46	0 39	19 50	1 40	19 24	14 13	12 26	13 3	11 9	15 28	6 51
F 16	8 53	2n14	3 45	2 56	0 34	8 6	1 8	23 36	0 11	20 44	0 32	5 35	2 23	3 47	0 39	19 50	1 40	19 24	14 13	12 29	13 4	11 8	15 28	6 50
S 17	9 15	6 14	4 24	2 39	0 50	8 34	1 7	23 38	0 13	20 46	0 32	5 36	2 22	3 49	0 40	19 50	1 40	19 25	14 13	12 32	13 5	11 6	15 28	6 50
S 18	9 37	10 2	4 51	2 28	1 4	9 3	1 5	23 39	0 15	20 48	0 32	5 38	2 22	3 50	0 40	19 50	1 40	19 25	14 13	12 36	13 6	11 5	15 28	6 49
M19	9 59	13 26	5 3	2 22	1 17	9 32	1 3	23 41	0 18	20 50	0 32	5 39	2 22	3 51	0 40	19 49	1 40	19 25	14 13	12 39	13 7	11 3	15 29	6 49
T 20	10 20	16 15	5 1	2 22	1 28	10 0	1 2	23 43	0 20	20 52	0 32	5 40	2 22	3 53	0 40	19 49	1 40	19 25	14 12	12 43	13 8	11 2	15 29	6 48
W21	10 42	18 15	4 42	2 27	1 38	10 28	1 0	23 45	0 22	20 54	0 32	5 41	2 22	3 54	0 40	19 49	1 40	19 25	14 12	12 45	13 9	11 0	15 29	6 48
T 22	11 3	19 17	4 8	2 37	1 46	10 56	0 59	23 47	0 24	20 56	0 32	5 42	2 22	3 56	0 40	19 49	1 40	19 25	14 12	12 47	13 10	10 58	15 29	6 47
F 23	11 24	19 14	3 19	2 51	1 53	11 23	0 57	23 49	0 27	20 59	0 31	5 44	2 22	3 57	0 40	19 48	1 40	19 25	14 12	12 48	13 11	10 57	15 30	6 47
S 24	11 45	18 2	2 18	3 9	1 58	11 50	0 55	23 51	0 29	21 1	0 31	5 45	2 22	3 59	0 40	19 48	1 40	19 26	14 12	12 48	13 12	10 55	15 30	6 46
S 25	12 6	15 43	1 7	3 31	2 2	12 17	0 53	23 53	0 31	21 3	0 31	5 46	2 21	4 0	0 40	19 48	1 40	19 26	14 11	12 48	13 13	10 54	15 30	6 46
M26	12 26	12 25	0n 8	3 56	2 5	12 44	0 51	23 55	0 34	21 5	0 31	5 47	2 21	4 1	0 40	19 48	1 40	19 26	14 11	12 48	13 14	10 52	15 30	6 45
T 27	12 47	8 21	1 23	4 24	2 6	13 11	0 49	23 57	0 36	21 7	0 31	5 48	2 21	4 3	0 40	19 47	1 40	19 26	14 11	12 49	13 16	10 50	15 30	6 45
W28	13 7	3 45	2 34	4 54	2 7	13 37	0 47	23 59	0 39	21 9	0 31	5 49	2 21	4 4	0 40	19 47	1 40	19 26	14 11	12 50	13 17	10 49	15 31	6 44
T 29	13 27	1s 5	3 35	5 27	2 6	14 2	0 45	24																

SWISS EPHEMERIS for the year 2054

NOVEMBER 2054

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	2 42 2	8♁47'01	24♁ 5	23♁19	13♁36	5♁29	8♁58	20°R38	12♁ 4	6°R40	13°R42	25°R26	24♁31	4♁26	18♁26
M 2	2 45 59	9°47'03	7♁50	24°52	14°51	5°35	9°11	20°H35	12° 8	6♁39	13°H41	25°L15	24°27	4°33	18°29
T 3	2 49 56	10°47'07	21°10	26°26	16° 6	5°40	9°24	20°33	12°11	6°37	13°41	25° 5	24°24	4°40	18°32
W 4	2 53 52	11°47'12	4♁ 7	28° 1	17°21	5°45	9°36	20°31	12°15	6°36	13°40	24°57	24°21	4°46	18°35
T 5	2 57 49	12°47'20	16°40	29°37	18°36	5°48	9°49	20°29	12°18	6°34	13°40	24°52	24°18	4°53	18°38
F 6	3 1 45	13°47'28	28°55	1♁14	19°52	5°51	10° 2	20°27	12°21	6°33	13°39	24°49	24°15	5° 0	18°41
S 7	3 5 42	14°47'39	10♁55	2°51	21° 7	5°53	10°14	20°26	12°25	6°31	13°39	24°D48	24°12	5° 6	18°44
S 8	3 9 38	15°47'51	22°46	4°28	22°22	5°54	10°27	20°24	12°28	6°30	13°38	24°R48	24° 8	5°13	18°48
M 9	3 13 35	16°48'04	4♁33	6° 5	23°37	5°R54	10°40	20°23	12°31	6°28	13°38	24°48	24° 5	5°20	18°51
T 10	3 17 32	17°48'19	16°23	7°43	24°52	5°54	10°53	20°21	12°35	6°27	13°37	24°46	24° 2	5°26	18°54
W 11	3 21 28	18°48'35	28°19	9°20	26° 8	5°52	11° 6	20°20	12°38	6°25	13°37	24°42	23°59	5°33	18°58
T 12	3 25 25	19°48'53	10°V27	10°57	27°23	5°50	11°19	20°18	12°41	6°23	13°36	24°36	23°56	5°40	19° 1
F 13	3 29 21	20°49'12	22°50	12°35	28°38	5°47	11°32	20°17	12°44	6°22	13°36	24°26	23°52	5°46	19° 5
S 14	3 33 18	21°49'33	5♁28	14°12	29°53	5°43	11°45	20°16	12°47	6°20	13°36	24°14	23°49	5°53	19° 9
S 15	3 37 14	22°49'55	18°23	15°49	1♁ 8	5°38	11°58	20°15	12°51	6°18	13°35	24° 1	23°46	6° 0	19°12
M 16	3 41 11	23°50'19	1♁35	17°26	2°24	5°32	12°11	20°15	12°54	6°17	13°35	23°47	23°43	6° 6	19°16
T 17	3 45 7	24°50'45	15° 1	19° 2	3°39	5°25	12°24	20°14	12°57	6°15	13°35	23°35	23°40	6°13	19°20
W 18	3 49 4	25°51'13	28°38	20°39	4°54	5°18	12°38	20°13	13° 0	6°14	13°35	23°25	23°37	6°20	19°24
T 19	3 53 0	26°51'42	12♁24	22°15	6° 9	5° 9	12°51	20°13	13° 3	6°12	13°34	23°17	23°33	6°26	19°28
F 20	3 56 57	27°52'13	26°16	23°51	7°24	5° 0	13° 4	20°12	13° 6	6°10	13°34	23°13	23°30	6°33	19°32
S 21	4 0 54	28°52'46	10♁14	25°26	8°40	4°50	13°17	20°12	13° 9	6° 8	13°34	23°11	23°27	6°39	19°36
S 22	4 4 50	29°53'21	24°15	27° 2	9°55	4°39	13°31	20°12	13°12	6° 7	13°34	23°10	23°24	6°46	19°40
M 23	4 8 47	0♁53'57	8♁20	28°37	11°10	4°27	13°44	20°D12	13°15	6° 5	13°34	23°10	23°21	6°53	19°44
T 24	4 12 43	1°54'35	22°27	0♁12	12°25	4°14	13°57	20°12	13°17	6° 3	13°34	23° 9	23°18	6°59	19°49
W 25	4 16 40	2°55'15	6♁36	1°47	13°41	4° 1	14°11	20°12	13°20	6° 2	13°34	23° 6	23°14	7° 6	19°53
T 26	4 20 36	3°55'56	20°44	3°22	14°56	3°47	14°24	20°12	13°23	6° 0	13°34	22°59	23°11	7°13	19°57
F 27	4 24 33	4°56'39	4♁49	4°56	16°11	3°31	14°37	20°12	13°26	5°58	13°D34	22°50	23° 8	7°19	20° 2
S 28	4 28 29	5°57'24	18°45	6°31	17°26	3°15	14°51	20°13	13°28	5°57	13°34	22°39	23° 5	7°26	20° 6
S 29	4 32 26	6°58'10	2♁30	8° 5	18°41	2°59	15° 4	20°13	13°31	5°55	13°34	22°26	23° 2	7°33	20°10
M 30	4 36 23	7°58'57	15♁58	9♁39	19♁57	2♁41	15♁18	20°H14	13♁34	5♁53	13°H34	22°L13	22°L58	7°H39	20°B15

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	14s25	13s55	5n 2	7s12	2n 0	15s17	0n39	24n 8	0n49	21s17	0n30	5s52	2s20	4s10	0n40	19n46	1s40	19s26	14s10	13n 2	13n21	10s42	15s31	6n42
M 2	14 44	16 45	4 55	7 49	1 57	15 42	0 37	24 10	0 51	21 19	0 30	5 53	2 20	4 11	0 40	19 46	1 40	19 26	14 9	13 6	13 22	10 41	15 31	6 42
T 3	15 3	18 37	4 32	8 26	1 53	16 6	0 35	24 12	0 54	21 21	0 30	5 53	2 20	4 12	0 40	19 46	1 40	19 26	14 9	13 9	13 23	10 39	15 31	6 41
W 4	15 22	19 27	3 55	9 4	1 49	16 29	0 33	24 15	0 57	21 23	0 30	5 54	2 20	4 14	0 40	19 45	1 40	19 26	14 9	13 12	13 24	10 38	15 31	6 41
T 5	15 40	19 17	3 8	9 42	1 44	16 52	0 30	24 17	0 59	21 25	0 30	5 55	2 20	4 15	0 40	19 45	1 40	19 26	14 9	13 14	13 25	10 36	15 31	6 41
F 6	15 58	18 12	2 13	10 21	1 39	17 15	0 28	24 20	1 2	21 27	0 30	5 55	2 20	4 16	0 40	19 45	1 40	19 26	14 8	13 15	13 26	10 34	15 31	6 40
S 7	16 16	16 19	1 13	10 59	1 34	17 37	0 26	24 23	1 5	21 29	0 30	5 56	2 19	4 18	0 40	19 45	1 40	19 26	14 8	13 15	13 27	10 33	15 31	6 40
S 8	16 34	13 45	0 11	11 37	1 28	17 58	0 24	24 26	1 8	21 31	0 30	5 56	2 19	4 19	0 40	19 44	1 40	19 26	14 8	13 15	13 28	10 31	15 31	6 39
M 9	16 51	10 38	0s52	12 15	1 22	18 20	0 21	24 28	1 10	21 33	0 29	5 57	2 19	4 20	0 40	19 44	1 40	19 26	14 8	13 15	13 29	10 29	15 31	6 39
T 10	17 8	7 5	1 52	12 53	1 16	18 40	0 19	24 31	1 13	21 35	0 29	5 57	2 19	4 21	0 40	19 44	1 40	19 26	14 7	13 16	13 30	10 28	15 31	6 38
W 11	17 25	3 14	2 48	13 30	1 10	19 0	0 17	24 34	1 16	21 37	0 29	5 57	2 19	4 23	0 40	19 43	1 40	19 26	14 7	13 17	13 31	10 26	15 31	6 38
T 12	17 41	0n49	3 37	14 6	1 3	19 20	0 14	24 37	1 19	21 39	0 29	5 58	2 19	4 24	0 40	19 43	1 40	19 25	14 7	13 19	13 32	10 24	15 31	6 38
F 13	17 57	4 54	4 16	14 42	0 57	19 39	0 12	24 40	1 22	21 41	0 29	5 58	2 18	4 25	0 40	19 43	1 40	19 25	14 6	13 22	13 33	10 23	15 31	6 37
S 14	18 13	8 52	4 44	15 18	0 50	19 58	0 10	24 43	1 25	21 43	0 29	5 58	2 18	4 26	0 40	19 43	1 40	19 25	14 6	13 26	13 35	10 21	15 31	6 37
S 15	18 28	12 30	4 59	15 52	0 43	20 16	0 7	24 47	1 28	21 44	0 29	5 58	2 18	4 28	0 40	19 42	1 40	19 25	14 6	13 31	13 36	10 20	15 31	6 36
M 16	18 44	15 37	4 57	16 26	0 37	20 33	0 5	24 50	1 31	21 46	0 29	5 59	2 18	4 29	0 40	19 42	1 40	19 25	14 6	13 35	13 37	10 18	15 31	6 36
T 17	18 58	17 57	4 40	17 0	0 30	20 50	0 2	24 53	1 34	21 48	0 29	5 59	2 18	4 30	0 40	19 42	1 40	19 25	14 5	13 39	13 38	10 16	15 30	6 36
W 18	19 13	19 19	4 6	17 32	0 23	21 6	0s 0	24 56	1 37	21 50	0 28	5 59	2 18	4 31	0 40	19 41	1 40	19 25	14 5	13 43	13 39	10 15	15 30	6 35
T 19	19 27	19 34	3 18	18 4	0 16	21 22	0 3	25 0	1 40	21 52	0 28	5 59	2 17	4 32	0 40	19 41	1 40	19 24	14 5	13 45	13 40	10 13	15 30	6 35
F 20	19 41	18 39	2 17	18 35	0 9	21 37	0 5	25 3	1 43	21 53	0 28	5 59	2 17	4 33	0 40	19 41	1 40	19 24	14 4	13 47	13 41	10 11	15 30	6 34
S 21	19 54	16 35	1 8	19 4	0 3	21 52	0 7	25 7	1 46	21 55	0 28	5 59	2 17	4 35	0 40	19 41	1 40	19 24	14 4	13 47	13 42	10 10	15 30	6 34
S 22	20 7	13 31	0n 6	19 33	0s 4	22 5	0 10	25 10	1 49	21 57	0 28	5 59	2 17	4 36	0 40	19 40	1 40	19 24	14 4	13 47	13 43	10 8	15 30	6 34
M 23	20 20	9 40	1 19	20 1	0 11	22 19	0 12	25 13	1 52	21 59	0 28	5 59	2 17	4 37	0 40	19 40	1 40	19 24	14 4	13 47	13 44	10 6	15 29	6 33
T 24	20 32	5 16	2 28	20 28	0 18	22 31	0 15	25 17	1 55	22 0	0 28	5 58	2 16	4 38	0 40	19 40	1 40	19 23	14 3	13 48	13 45	10 5	15 29	6 33
W 25	20 44	0 34	3 28	20 54	0 24	22 43	0 17	25 20	1 58	22 2	0 28	5 58	2 16	4 39	0 40	19 39	1 40	19 23	14 3	13 49	13 46	10 3	15 29	6 33
T 26	20 56	4s 9	4 15	21 19	0 31	22 54	0 20	25 24	2 1	22 4	0 28	5 58	2 16	4 40	0 40	19 39	1 40	19 23	14 3	13 51	13 47	10 1	15 29	6 32
F 27	21 7	8 37	4 47	21 43	0 37	23 5	0 22	25 27	2 4	22 5	0 28	5 58	2 16	4 41	0 40	19 39	1 40	19 22	14 2	13 54	13 48	10 0	15 28	6 32
S 28	21 18	12 35	5 0	22 6	0 43	23 15	0 24	25 31	2 7	22 7	0 27	5 57	2 16	4 42	0 40	19 39	1 40	19 22	14 2	13 58	13 49	9 58	15 28	6 32
S 29	21 28	15 48	4 57	22 28	0 50	23 24	0 27	25 34	2 10	22 9	0 27	5 57	2 15	4 43	0 40									

SWISS EPHEMERIS for the year 2054

DECEMBER 2054

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	4 40 19	8°59'46	29°7' 8	11°14	21°12	2°R23	15°31	20°15	13°36	5°R52	13°34	22°R 2	22°55	7°46	20°19	
W 2	4 44 16	10° 0'35	11°35'7	12°48	22°27	2°5 5	15°45	20°16	13°39	5°II50	13°34	21°54	22°52	7°53	20°24	
T 3	4 48 12	11° 1'26	24°28	14°22	23°42	1°45	15°58	20°17	13°41	5°48	13°34	21°47	22°49	7°59	20°29	
F 4	4 52 9	12° 2'18	6°41	15°56	24°58	1°25	16°12	20°18	13°44	5°46	13°34	21°44	22°46	8° 6	20°33	
S 5	4 56 5	13° 3'10	18°41	17°30	26°13	1° 5	16°25	20°19	13°46	5°45	13°34	21°D43	22°43	8°13	20°38	
S 6	5 0 2	14° 4'04	0°33	19° 3	27°28	0°44	16°39	20°20	13°48	5°43	13°35	21°43	22°39	8°19	20°43	
M 7	5 3 59	15° 4'58	12°20	20°37	28°43	0°23	16°53	20°22	13°51	5°41	13°35	21°R44	22°36	8°26	20°48	
T 8	5 7 55	16° 5'53	24°10	22°11	29°59	0° 1	17° 6	20°23	13°53	5°40	13°35	21°43	22°33	8°33	20°52	
W 9	5 11 52	17° 6'48	6°7 7	23°45	1°14	29°II38	17°20	20°25	13°55	5°38	13°35	21°41	22°30	8°39	20°57	
T 10	5 15 48	18° 7'44	18°17	25°19	2°29	29°16	17°33	20°27	13°57	5°36	13°36	21°37	22°27	8°46	21° 2	
F 11	5 19 45	19° 8'41	0°44	26°53	3°44	28°53	17°47	20°28	13°59	5°35	13°36	21°30	22°24	8°52	21° 7	
S 12	5 23 41	20° 9'39	13°30	28°27	4°59	28°30	18° 0	20°30	14° 1	5°33	13°36	21°21	22°20	8°59	21°12	
S 13	5 27 38	21°10'37	26°38	0°3 1	6°15	28° 7	18°14	20°32	14° 3	5°32	13°37	21°11	22°17	9° 6	21°17	
M14	5 31 34	22°11'37	10°II 7	1°35 7	7°30	27°43	18°27	20°35	14° 5	5°30	13°37	21° 0	22°14	9°12	21°22	
T 15	5 35 31	23°12'36	23°56	3° 9	8°45	27°20	18°41	20°37	14° 7	5°28	13°38	20°50	22°11	9°19	21°27	
W16	5 39 28	24°13'37	7°59	4°43	10° 0	26°56	18°54	20°39	14° 9	5°27	13°38	20°42	22° 8	9°26	21°32	
T 17	5 43 24	25°14'39	22°12	6°17	11°15	26°33	19° 8	20°42	14°11	5°25	13°39	20°36	22° 4	9°32	21°37	
F 18	5 47 21	26°15'41	6°31	7°51	12°30	26° 9	19°22	20°44	14°13	5°24	13°39	20°33	22° 1	9°39	21°42	
S 19	5 51 17	27°16'44	20°51	9°25	13°46	25°46	19°35	20°47	14°14	5°22	13°40	20°D32	21°58	9°46	21°47	
S 20	5 55 14	28°17'48	5°II 7	10°58	15° 1	25°23	19°49	20°50	14°16	5°20	13°40	20°33	21°55	9°52	21°53	
M21	5 59 10	29°18'53	19°19	12°32	16°16	25° 0	20° 2	20°52	14°18	5°19	13°41	20°34	21°52	9°59	21°58	
T 22	6 3 7	0°31'58	3°24	14° 5	17°31	24°37	20°15	20°55	14°19	5°17	13°41	20°R34	21°49	10° 6	22° 3	
W23	6 7 3	1°21'05	17°21	15°38	18°46	24°15	20°29	20°58	14°21	5°16	13°42	20°33	21°45	10°12	22° 8	
T 24	6 11 0	2°22'12	1°II10	17°10	20° 1	23°53	20°42	21° 1	14°22	5°14	13°43	20°29	21°42	10°19	22°14	
F 25	6 14 57	3°23'20	14°50	18°42	21°16	23°31	20°56	21° 5	14°24	5°13	13°43	20°24	21°39	10°26	22°19	
S 26	6 18 53	4°24'29	28°20	20°14	22°32	23°10	21° 9	21° 8	14°25	5°12	13°44	20°16	21°36	10°32	22°24	
S 27	6 22 50	5°25'38	11°38	21°44	23°47	22°49	21°23	21°11	14°26	5°10	13°45	20° 8	21°33	10°39	22°30	
M28	6 26 46	6°26'47	24°42	23°13	25° 2	22°28	21°36	21°15	14°28	5° 9	13°46	20° 0	21°30	10°46	22°35	
T 29	6 30 43	7°27'57	7°32	24°41	26°17	22° 9	21°49	21°19	14°29	5° 7	13°46	19°53	21°26	10°52	22°40	
W30	6 34 39	8°29'07	20° 8	26° 8	27°32	21°49	22° 3	21°22	14°30	5° 6	13°47	19°47	21°23	10°59	22°46	
T 31	6 38 36	9°30'18	2°29	27°32	28°47	21°II31	22°16	21°26	14°31	5°II 5	13°48	19°43	21°20	11° 6	22°51	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	21s47	19s24	4n 1	23s 8	1s 2	23s40	0s32	25n41	2n16	22s12	0n27	5s56	2s15	4s45	0n40	19n38	1s40	19s21	14s 1	14n 9	13n52	9s53	15s27	6n31
W 2	21 57	19 40	3 15	23 26	1 7	23 47	0 34	25 44	2 19	22 13	0 27	5 55	2 15	4 46	0 40	19 37	1 40	19 21	14 1	14 12	13 53	9 51	15 27	6 30
T 3	22 5	18 56	2 20	23 43	1 13	23 53	0 36	25 47	2 22	22 15	0 27	5 55	2 15	4 47	0 40	19 37	1 40	19 21	14 0	14 14	13 54	9 49	15 26	6 30
F 4	22 14	17 19	1 19	23 59	1 18	23 59	0 39	25 50	2 25	22 16	0 27	5 54	2 14	4 48	0 40	19 37	1 40	19 20	14 0	14 15	13 55	9 48	15 26	6 30
S 5	22 21	14 58	0 16	24 14	1 24	24 3	0 41	25 53	2 28	22 18	0 27	5 53	2 14	4 49	0 40	19 37	1 40	19 20	14 0	14 16	13 56	9 46	15 26	6 30
S 6	22 29	12 0	0s47	24 27	1 29	24 7	0 43	25 56	2 30	22 19	0 27	5 53	2 14	4 49	0 40	19 36	1 40	19 20	14 0	14 16	13 57	9 44	15 25	6 29
M 7	22 36	8 35	1 48	24 39	1 34	24 11	0 45	25 59	2 33	22 20	0 27	5 52	2 14	4 50	0 40	19 36	1 40	19 19	13 59	14 15	13 58	9 43	15 25	6 29
T 8	22 42	4 50	2 44	24 50	1 38	24 13	0 47	26 1	2 36	22 22	0 27	5 51	2 14	4 51	0 40	19 36	1 40	19 19	13 59	14 16	13 59	9 41	15 24	6 29
W 9	22 48	0 51	3 34	25 0	1 43	24 15	0 50	26 4	2 38	22 23	0 26	5 50	2 13	4 52	0 40	19 35	1 40	19 18	13 59	14 16	14 1	9 39	15 24	6 29
T 10	22 54	3n14	4 15	25 8	1 47	24 16	0 52	26 6	2 41	22 25	0 26	5 50	2 13	4 53	0 40	19 35	1 40	19 18	13 58	14 18	14 2	9 37	15 23	6 28
F 11	22 59	7 16	4 45	25 15	1 51	24 17	0 54	26 9	2 43	22 26	0 26	5 49	2 13	4 54	0 40	19 35	1 40	19 18	13 58	14 20	14 3	9 36	15 23	6 28
S 12	23 4	11 5	5 2	25 20	1 55	24 16	0 56	26 11	2 45	22 27	0 26	5 48	2 13	4 54	0 40	19 35	1 40	19 17	13 58	14 23	14 4	9 34	15 22	6 28
S 13	23 8	14 29	5 3	25 24	1 58	24 15	0 58	26 13	2 48	22 29	0 26	5 47	2 13	4 55	0 41	19 34	1 40	19 17	13 57	14 26	14 5	9 32	15 22	6 28
M14	23 12	17 13	4 48	25 27	2 1	24 13	1 0	26 15	2 50	22 30	0 26	5 46	2 12	4 56	0 41	19 34	1 40	19 16	13 57	14 29	14 6	9 31	15 21	6 27
T 15	23 15	19 2	4 16	25 28	2 4	24 10	1 2	26 16	2 52	22 31	0 26	5 45	2 12	4 57	0 41	19 34	1 40	19 16	13 57	14 33	14 7	9 29	15 21	6 27
W16	23 18	19 44	3 28	25 27	2 7	24 7	1 4	26 18	2 54	22 32	0 26	5 44	2 12	4 57	0 41	19 34	1 40	19 15	13 57	14 35	14 8	9 27	15 20	6 27
T 17	23 21	19 12	2 26	25 26	2 9	24 3	1 6	26 19	2 56	22 33	0 26	5 42	2 12	4 58	0 41	19 33	1 40	19 15	13 56	14 37	14 9	9 25	15 20	6 27
F 18	23 23	17 26	1 15	25 22	2 11	23 58	1 8	26 20	2 58	22 35	0 26	5 41	2 12	4 59	0 41	19 33	1 40	19 15	13 56	14 38	14 10	9 24	15 19	6 27
S 19	23 24	14 34	0n 2	25 18	2 12	23 52	1 9	26 21	3 0	22 36	0 26	5 40	2 11	4 59	0 41	19 33	1 40	19 14	13 56	14 38	14 11	9 22	15 18	6 26
S 20	23 25	10 50	1 18	25 11	2 13	23 46	1 11	26 22	3 2	22 37	0 26	5 39	2 11	5 0	0 41	19 33	1 40	19 14	13 55	14 38	14 12	9 20	15 18	6 26
M21	23 26	6 30	2 29	25 3	2 14	23 39	1 13	26 23	3 3	22 38	0 26	5 37	2 11	5 0	0 41	19 32	1 40	19 13	13 55	14 38	14 13	9 18	15 17	6 26
T 22	23 26	1 52	3 30	24 54	2 14	23 31	1 15	26 24	3 5	22 39	0 25	5 36	2 11	5 1	0 41	19 32	1 40	19 13	13 55	14 38	14 14	9 17	15 16	6 26
W23	23 25	2s50	4 18	24 43	2 13	23 22	1 16	26 24	3 6	22 40	0 25	5 35	2 11	5 2	0 41	19 32	1 40	19 12	13 55	14 38	14 15	9 15	15 16	6 26
T 24	23 25	7 20	4 51	24 31	2 13	23 13	1 18	26 25	3 7	22 41	0 25	5 33	2 11	5 2	0 41	19 32	1 40	19 12	13 54	14 39	14 16	9 13	15 15	6 26
F 25	23 23	11 23	5 7	24 17	2 11	23 3	1 19	26 25	3 9	22 42	0 25	5 32	2 10	5 3	0 41	19 31	1 40	19 11	13 54	14 41	14 17	9 11	15 14	6 25
S 26	23 21	14 49	5 5	24 2	2 9	22 53	1 21	26 25	3 10	22 43	0 25	5 30	2 10	5 3	0 41	19 31	1 40	19 10	13 54	14 43	14 18	9 10	15 14	6 25
S 27	23 19	17 26	4 47	23 45	2 6	22 41	1 22	26 25	3 11	22 44	0 25	5 29	2 10	5 4	0 41	19 31	1 40	19 10	13 53	14 46	14 19	9 8	15 13	6 25
M28	23 16	19 6	4 14	23 27	2 3	22 29	1 23	26 25	3 12	22 45	0 25	5 27	2 10	5 4	0 41	19 31	1 40	19 9	13 53	14 49	14 20	9		