

SWISS EPHEMERIS for the year 1553

JANUARY 1553 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	7 20 20	20°35'12	1♁33	22♁49	12♁5	21°R27	3°R57	1♁11	17♁31	10°R22	29♁13	8°R50	9♁58	16♁14	18°R30
M 2	7 24 17	21°36'17	13°49	24°30	13°19	21♁13	3♁53	1°17	17°32	10♁22	29°15	8°D49	9°55	16°21	18♁26
T 3	7 28 13	22°37'21	26°15	26°11	14°34	20°58	3°49	1°23	17°32	10°21	29°16	8♁50	9°52	16°28	18°22
W 4	7 32 10	23°38'25	8♁53	27°53	15°49	20°42	3°44	1°30	17°33	10°21	29°17	8°51	9°49	16°35	18°18
T 5	7 36 6	24°39'28	21°45	29°36	17° 4	20°26	3°40	1°36	17°33	10°21	29°19	8°53	9°45	16°41	18°14
F 6	7 40 3	25°40'31	4♁52	1♁19	18°19	20° 9	3°35	1°42	17°34	10°21	29°20	8°54	9°42	16°48	18°10
S 7	7 44 0	26°41'34	18°18	3° 2	19°33	19°51	3°30	1°49	17°34	10°21	29°22	8°55	9°39	16°55	18° 6
S 8	7 47 56	27°42'36	2♁ 2	4°46	20°48	19°32	3°25	1°55	17°34	10°20	29°23	8°R55	9°36	17° 1	18° 2
M 9	7 51 53	28°43'37	16° 7	6°30	22° 3	19°13	3°19	2° 2	17°34	10°20	29°24	8°54	9°33	17° 8	17°58
T 10	7 55 49	29°44'38	0♁30	8°14	23°17	18°54	3°14	2° 8	17°34	10°20	29°26	8°53	9°30	17°15	17°53
W 11	7 59 46	0♁45'38	15° 8	9°59	24°32	18°33	3° 8	2°15	17°35	10°D20	29°27	8°52	9°26	17°21	17°49
T 12	8 3 42	1°46'38	29°57	11°44	25°47	18°13	3° 3	2°22	17°R35	10°20	29°29	8°51	9°23	17°28	17°45
F 13	8 7 39	2°47'37	14♁49	13°28	27° 1	17°51	2°57	2°28	17°35	10°20	29°30	8°51	9°20	17°35	17°40
S 14	8 11 35	3°48'35	29°37	15°12	28°16	17°29	2°51	2°35	17°34	10°20	29°32	8°50	9°17	17°41	17°36
S 15	8 15 32	4°49'32	14♁14	16°56	29°30	17° 7	2°45	2°42	17°34	10°21	29°33	8°D50	9°14	17°48	17°31
M 16	8 19 29	5°50'28	28°32	18°40	0♁45	16°45	2°38	2°49	17°34	10°21	29°35	8°51	9°11	17°55	17°27
T 17	8 23 25	6°51'22	12♁27	20°22	1°59	16°22	2°32	2°55	17°34	10°21	29°37	8°51	9° 7	18° 2	17°22
W 18	8 27 22	7°52'15	25°58	22° 3	3°14	15°59	2°25	3° 2	17°34	10°21	29°38	8°51	9° 4	18° 8	17°18
T 19	8 31 18	8°53'07	9° 4	23°43	4°28	15°35	2°19	3° 9	17°33	10°21	29°40	8°R51	9° 1	18°15	17°13
F 20	8 35 15	9°53'58	21°47	25°21	5°43	15°12	2°12	3°16	17°33	10°22	29°41	8°51	8°58	18°22	17° 9
S 21	8 39 11	10°54'47	4♁11	26°56	6°57	14°48	2° 5	3°23	17°32	10°22	29°43	8°51	8°55	18°28	17° 4
S 22	8 43 8	11°55'34	16°19	28°29	8°11	14°24	1°58	3°30	17°32	10°23	29°44	8°D51	8°51	18°35	16°59
M 23	8 47 4	12°56'20	28°17	29°58	9°26	14° 0	1°51	3°37	17°31	10°23	29°46	8°51	8°48	18°42	16°55
T 24	8 51 1	13°57'04	10♁ 8	1♁23	10°40	13°36	1°44	3°44	17°30	10°23	29°48	8°51	8°45	18°48	16°50
W 25	8 54 58	14°57'47	21°58	2°43	11°54	13°12	1°37	3°51	17°30	10°24	29°49	8°52	8°42	18°55	16°45
T 26	8 58 54	15°58'28	3♁51	3°57	13° 8	12°48	1°30	3°58	17°29	10°24	29°51	8°53	8°39	19° 2	16°40
F 27	9 2 51	16°59'08	15°49	5° 6	14°22	12°24	1°22	4° 6	17°28	10°25	29°52	8°54	8°36	19° 8	16°36
S 28	9 6 47	17°59'46	27°57	6° 8	15°36	12° 1	1°15	4°13	17°27	10°26	29°54	8°54	8°32	19°15	16°31
S 29	9 10 44	19° 0'23	10♁17	7° 2	16°50	11°37	1° 7	4°20	17°27	10°26	29°56	8°R54	8°29	19°22	16°26
M 30	9 14 40	20° 0'57	22°49	7°48	18° 4	11°14	1° 0	4°27	17°26	10°27	29°57	8°54	8°26	19°29	16°22
T 31	9 18 37	21° 1'31	5♁34	8♁25	19♁18	10♁51	0♁52	4♁34	17°25	10♁27	29°59	8♁53	8♁23	19♁35	16♁17

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	21s55	19n13	0s40	23s35	2s 4	18s45	1s36	18n16	4n 6	11n12	1n12	12s38	1s39	6s18	0n39	13n14	1s49	23s13	12s16	18n 6	17n47	18n39	8n25	7s15
M 2	21 45	17 9	0n28	23 19	2 5	18 23	1 36	18 23	4 8	11 14	1 12	12 35	1 39	6 18	0 39	13 14	1 49	23 12	12 16	18 6	17 48	18 40	8 26	7 15
T 3	21 36	14 17	1 35	23 1	2 5	18 2	1 36	18 29	4 10	11 15	1 12	12 33	1 39	6 18	0 39	13 14	1 49	23 12	12 16	18 6	17 49	18 41	8 27	7 15
W 4	21 25	10 43	2 39	22 41	2 5	17 40	1 36	18 36	4 12	11 17	1 13	12 31	1 39	6 18	0 39	13 14	1 49	23 11	12 16	18 5	17 50	18 43	8 28	7 16
T 5	21 15	6 35	3 36	22 19	2 5	17 17	1 36	18 43	4 14	11 19	1 13	12 29	1 39	6 18	0 39	13 14	1 49	23 10	12 15	18 5	17 51	18 44	8 29	7 16
F 6	21 3	2 5	4 23	21 56	2 4	16 54	1 36	18 51	4 16	11 21	1 13	12 26	1 39	6 18	0 39	13 14	1 49	23 10	12 15	18 5	17 52	18 45	8 30	7 16
S 7	20 52	2s37	4 57	21 31	2 3	16 30	1 36	18 58	4 18	11 23	1 13	12 24	1 39	6 18	0 39	13 14	1 49	23 9	12 15	18 4	17 53	18 46	8 31	7 17
S 8	20 40	7 17	5 15	21 4	2 1	16 6	1 36	19 5	4 19	11 25	1 14	12 21	1 39	6 18	0 39	13 14	1 49	23 9	12 15	18 4	17 53	18 47	8 32	7 17
M 9	20 28	11 40	4 55	20 36	1 59	15 42	1 35	19 13	4 21	11 27	1 14	12 19	1 39	6 19	0 39	13 14	1 49	23 8	12 15	18 4	17 54	18 49	8 33	7 17
T 10	20 15	15 30	4 55	20 7	1 56	15 17	1 35	19 21	4 22	11 30	1 14	12 17	1 39	6 19	0 39	13 14	1 49	23 7	12 15	18 5	17 55	18 50	8 34	7 17
W 11	20 2	18 25	4 16	19 35	1 52	14 52	1 35	19 29	4 24	11 32	1 14	12 14	1 39	6 19	0 39	13 14	1 49	23 7	12 15	18 5	17 56	18 51	8 35	7 17
T 12	19 49	20 10	3 20	19 2	1 48	14 26	1 34	19 36	4 25	11 34	1 14	12 12	1 39	6 19	0 39	13 14	1 49	23 6	12 15	18 5	17 57	18 52	8 36	7 17
F 13	19 35	20 31	2 10	18 28	1 43	14 0	1 33	19 44	4 26	11 36	1 15	12 9	1 39	6 18	0 39	13 14	1 49	23 5	12 15	18 5	17 58	18 53	8 37	7 18
S 14	19 21	19 17	0 51	17 52	1 38	13 33	1 33	19 52	4 27	11 39	1 15	12 7	1 39	6 18	0 39	13 14	1 49	23 5	12 14	18 5	17 58	18 54	8 38	7 18
S 15	19 6	17 5	0s30	17 15	1 32	13 7	1 32	20 0	4 29	11 41	1 15	12 5	1 39	6 18	0 39	13 14	1 49	23 4	12 14	18 5	17 59	18 55	8 40	7 18
M 16	18 51	13 41	1 47	16 37	1 25	12 39	1 31	20 8	4 30	11 44	1 15	12 2	1 39	6 18	0 39	13 14	1 49	23 3	12 14	18 5	18 0	18 57	8 41	7 18
T 17	18 36	9 37	2 56	15 58	1 18	12 12	1 30	20 16	4 30	11 46	1 15	12 0	1 39	6 18	0 40	13 15	1 48	23 3	12 14	18 5	18 1	18 58	8 42	7 18
W 18	18 21	5 10	3 53	15 17	1 9	11 44	1 29	20 24	4 31	11 49	1 16	11 57	1 39	6 18	0 40	13 15	1 48	23 2	12 14	18 5	18 2	18 59	8 43	7 18
T 19	18 5	0 37	4 36	14 36	1 0	11 16	1 28	20 31	4 32	11 51	1 16	11 54	1 39	6 18	0 40	13 15	1 48	23 2	12 14	18 5	18 3	19 0	8 45	7 18
F 20	17 49	3n49	5 4	13 54	0 51	10 48	1 27	20 39	4 32	11 54	1 16	11 52	1 39	6 18	0 40	13 15	1 48	23 1	12 14	18 5	18 4	19 1	8 46	7 18
S 21	17 32	7 58	5 17	13 11	0 40	10 19	1 26	20 47	4 33	11 57	1 16	11 49	1 39	6 17	0 40	13 15	1 48	23 0	12 14	18 5	18 4	19 2	8 47	7 18
S 22	17 15	11 43	5 15	12 29	0 29	9 50	1 25	20 54	4 33	11 59	1 16	11 47	1 39	6 17	0 40	13 15	1 48	23 0	12 14	18 5	18 5	19 3	8 49	7 18
M 23	16 58	14 57	5 0	11 46	0 16	9 21	1 24	21 1	4 33	12 2	1 17	11 44	1 39	6 17	0 40	13 15	1 48	22 59	12 14	18 5	18 6	19 4	8 50	7 18
T 24	16 41	17 32	4 32	11 4	0 3	8 51	1 22	21 9	4 33	12 5	1 17	11 42	1 39	6 17	0 40	13 16	1 48	22 58	12 14	18 5	18 7	19 6	8 52	7 18
W 25	16 23	19 23	3 52	10 22	0n10	8 22	1 21	21 16	4 33	12 7	1 17	11 39	1 39	6 16	0 40	13 16	1 48	22 58	12 14	18 5	18 8	19 7	8 53	7 18
T 26	16 5	20 24	3 3	9 42	0 24	7 52	1 19	21 22	4 33	12 10	1 17	11 37	1 39	6 16	0 40	13 16	1 48	22 57	12 14	18 5	18 9	19 8	8 54	7 18
F 27	15 47	20 30	2 5	9 3	0 39	7 22	1 18	21 29	4 33	12 13	1 17	11 34	1 39	6 16	0 40	13 16	1 48	22 56	12 14	18 5	18 9	19 9	8 56	7 18
S 28	15 28	19 38	1 0	8 26	0 54	6 51	1 16	21 36	4 33	12 16	1 17	11 31	1 39	6 15	0 40	13 17	1 48	22 56	12 14	18 4	18 10	19 10	8 57	7 18
S 29	15 10	17 50	0n 8	7 52																				

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FEBRUARY 1553 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	9 22 33	22° 2'03"	18° 34'	8° 52'	20° 32'	10° 29'	0° 44'	4° 41'	17° 23'	10° 28'	0° 1'	8° 52'	8° 20'	19° 42'	16° 12'
T 2	9 26 30	23° 2'33"	18° 47'	9° 9'	21° 46'	10° 07'	0° 37'	4° 49'	17° 22'	10° 29'	0° 2'	8° 50'	8° 17'	19° 49'	16° 08'
F 3	9 30 27	24° 3'02"	15° 14'	9° 17'	23° 0'	9° 45'	0° 29'	4° 56'	17° 21'	10° 30'	0° 4'	8° 48'	8° 13'	19° 55'	16° 3'
S 4	9 34 23	25° 3'30"	28° 53'	9° 14'	24° 13'	9° 23'	0° 21'	5° 3'	17° 20'	10° 31'	0° 6'	8° 46'	8° 10'	20° 2'	15° 58'
S 5	9 38 20	26° 3'57"	12° 43'	9° 1'	25° 27'	9° 3'	0° 13'	5° 11'	17° 19'	10° 31'	0° 7'	8° 44'	8° 7'	20° 9'	15° 54'
M 6	9 42 16	27° 4'22"	26° 44'	8° 38'	26° 41'	8° 42'	0° 5'	5° 18'	17° 17'	10° 32'	0° 9'	8° 44'	8° 4'	20° 15'	15° 49'
T 7	9 46 13	28° 4'46"	10° 54'	8° 6'	27° 54'	8° 22'	29° 05'	5° 25'	17° 16'	10° 33'	0° 11'	8° 44'	8° 1'	20° 22'	15° 44'
W 8	9 50 9	29° 5'08"	25° 11'	7° 26'	29° 8'	8° 3'	29° 50'	5° 32'	17° 15'	10° 34'	0° 12'	8° 45'	7° 57'	20° 29'	15° 40'
T 9	9 54 6	0° 5'29"	9° 34'	6° 39'	0° 21'	7° 45'	29° 42'	5° 40'	17° 13'	10° 35'	0° 14'	8° 47'	7° 54'	20° 35'	15° 35'
F 10	9 58 2	1° 5'49"	23° 57'	5° 45'	1° 35'	7° 27'	29° 34'	5° 47'	17° 12'	10° 36'	0° 16'	8° 48'	7° 51'	20° 42'	15° 31'
S 11	10 1 59	2° 6'07"	8° 18'	4° 46'	2° 48'	7° 9'	29° 26'	5° 54'	17° 10'	10° 37'	0° 17'	8° 49'	7° 48'	20° 49'	15° 27'
S 12	10 5 56	3° 6'23"	22° 31'	3° 45'	4° 1'	6° 53'	29° 18'	6° 2'	17° 9'	10° 38'	0° 19'	8° 48'	7° 45'	20° 55'	15° 22'
M13	10 9 52	4° 6'38"	6° 33'	2° 42'	5° 15'	6° 37'	29° 10'	6° 9'	17° 7'	10° 39'	0° 21'	8° 46'	7° 42'	21° 2'	15° 18'
T 14	10 13 49	5° 6'50"	20° 18'	1° 38'	6° 28'	6° 21'	29° 2'	6° 17'	17° 5'	10° 40'	0° 22'	8° 43'	7° 38'	21° 9'	15° 13'
W15	10 17 45	6° 7'01"	3° 45'	0° 37'	7° 41'	6° 7'	28° 55'	6° 24'	17° 4'	10° 42'	0° 24'	8° 39'	7° 35'	21° 16'	15° 9'
T 16	10 21 42	7° 7'10"	16° 50'	29° 37'	8° 54'	5° 53'	28° 47'	6° 31'	17° 2'	10° 43'	0° 26'	8° 34'	7° 32'	21° 22'	15° 5'
F 17	10 25 38	8° 7'16"	29° 35'	28° 42'	10° 7'	5° 40'	28° 39'	6° 39'	17° 0'	10° 44'	0° 27'	8° 29'	7° 29'	21° 29'	15° 1'
S 18	10 29 35	9° 7'21"	12° 8'	27° 51'	11° 20'	5° 28'	28° 31'	6° 46'	16° 58'	10° 45'	0° 29'	8° 26'	7° 26'	21° 36'	14° 57'
S 19	10 33 31	10° 7'23"	24° 13'	27° 6'	12° 33'	5° 16'	28° 24'	6° 53'	16° 57'	10° 47'	0° 30'	8° 23'	7° 22'	21° 42'	14° 53'
M20	10 37 28	11° 7'24"	6° 12'	26° 27'	13° 46'	5° 6'	28° 16'	7° 1'	16° 55'	10° 48'	0° 32'	8° 22'	7° 19'	21° 49'	14° 49'
T 21	10 41 24	12° 7'22"	18° 4'	25° 55'	14° 59'	4° 56'	28° 9'	7° 8'	16° 53'	10° 49'	0° 34'	8° 22'	7° 16'	21° 56'	14° 45'
W22	10 45 21	13° 7'18"	29° 54'	25° 29'	16° 11'	4° 47'	28° 1'	7° 15'	16° 51'	10° 51'	0° 35'	8° 23'	7° 13'	22° 2'	14° 41'
T 23	10 49 18	14° 7'12"	11° 47'	25° 9'	17° 24'	4° 39'	27° 54'	7° 23'	16° 49'	10° 52'	0° 37'	8° 24'	7° 10'	22° 9'	14° 37'
F 24	10 53 14	15° 7'03"	23° 48'	24° 57'	18° 37'	4° 31'	27° 47'	7° 30'	16° 47'	10° 53'	0° 39'	8° 26'	7° 7'	22° 16'	14° 34'
S 25	10 57 11	16° 6'53"	6° 01'	24° 50'	19° 49'	4° 24'	27° 40'	7° 37'	16° 45'	10° 55'	0° 40'	8° 27'	7° 3'	22° 22'	14° 30'
S 26	11 1 7	17° 6'40"	18° 30'	24° 50'	21° 1'	4° 19'	27° 32'	7° 45'	16° 43'	10° 56'	0° 42'	8° 27'	7° 0'	22° 29'	14° 26'
M27	11 5 4	18° 6'25"	1° 17'	24° 56'	22° 14'	4° 13'	27° 25'	7° 52'	16° 40'	10° 58'	0° 43'	8° 24'	6° 57'	22° 36'	14° 23'
T 28	11 9 0	19° 6'08"	14° 22'	25° 8'	23° 26'	4° 09'	27° 19'	7° 59'	16° 38'	10° 59'	0° 45'	8° 20'	6° 54'	22° 42'	14° 19'

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
W 1	14s12	7n38	3n22	6s26	1n58	4s49	1s 9	21n59	4n30	12n27	1n18	11s21	1s39	6s14	0n40	13n18	1s48	22s53	12s14	18n 5	18n14	19n14	9n 3	7s17
T 2	13 52	3 9	4 13	6 5	2 14	4 18	1 7	22 5	4 30	12 30	1 18	11 18	1 39	6 13	0 40	13 18	1 47	22 53	12 14	18 6	18 14	19 16	9 5	7 17
F 3	13 32	1s33	4 50	5 49	2 29	3 47	1 5	22 10	4 29	12 33	1 18	11 16	1 39	6 13	0 40	13 18	1 47	22 52	12 14	18 6	18 15	19 17	9 7	7 17
S 4	13 12	6 15	5 11	5 36	2 43	3 15	1 3	22 14	4 28	12 36	1 18	11 13	1 39	6 12	0 40	13 19	1 47	22 52	12 14	18 7	18 16	19 18	9 8	7 16
S 5	12 52	10 41	5 15	5 29	2 57	2 44	1 0	22 19	4 27	12 39	1 18	11 10	1 39	6 12	0 40	13 19	1 47	22 51	12 14	18 7	18 17	19 19	9 10	7 16
M 6	12 31	14 36	5 1	5 26	3 9	2 13	0 58	22 23	4 25	12 41	1 18	11 8	1 39	6 11	0 40	13 19	1 47	22 50	12 14	18 7	18 18	19 20	9 11	7 16
T 7	12 10	17 43	4 28	5 28	3 20	1 41	0 56	22 27	4 24	12 44	1 19	11 5	1 39	6 11	0 40	13 20	1 47	22 50	12 14	18 7	18 18	19 21	9 13	7 16
W 8	11 49	19 47	3 38	5 34	3 29	1 10	0 54	22 31	4 23	12 47	1 19	11 2	1 39	6 10	0 40	13 20	1 47	22 49	12 14	18 7	18 19	19 22	9 14	7 15
T 9	11 28	20 35	2 34	5 45	3 36	0 38	0 51	22 35	4 21	12 50	1 19	11 0	1 39	6 10	0 40	13 20	1 47	22 49	12 14	18 6	18 20	19 23	9 16	7 15
F 10	11 7 20	2 1 21	6 0	3 41	0 7	0 49	22 38	4 20	12 53	1 19	10 57	1 39	6 9	0 40	13 21	1 47	22 48	12 14	18 6	18 21	19 24	9 18	7 15	
S 11	10 45	18 11	0 3	6 18	3 44	0n25	0 46	22 41	4 18	12 56	1 19	10 54	1 39	6 8	0 40	13 21	1 47	22 48	12 14	18 6	18 22	19 25	9 19	7 14
S 12	10 23	15 13	1s15	6 40	3 45	0 56	0 44	22 44	4 16	12 59	1 19	10 51	1 39	6 8	0 40	13 21	1 47	22 47	12 14	18 6	18 23	19 26	9 21	7 14
M13	10 2 11	24 2	2 27	7 4	3 43	1 28	0 41	22 46	4 15	13 1	1 19	10 49	1 39	6 7	0 40	13 22	1 47	22 46	12 14	18 7	18 23	19 27	9 22	7 14
T 14	9 40	7 3	3 29	7 30	3 40	1 59	0 38	22 48	4 13	13 4	1 19	10 46	1 39	6 7	0 40	13 22	1 47	22 46	12 14	18 7	18 24	19 28	9 24	7 13
W15	9 17	2 26	4 17	7 57	3 34	2 31	0 35	22 50	4 11	13 7	1 19	10 43	1 39	6 6	0 40	13 23	1 47	22 45	12 14	18 9	18 25	19 29	9 26	7 13
T 16	8 55	2n 9	4 51	8 24	3 26	3 2	0 33	22 52	4 9	13 10	1 19	10 41	1 39	6 5	0 40	13 23	1 47	22 45	12 14	18 10	18 26	19 30	9 27	7 12
F 17	8 33	6 32	5 9	8 52	3 17	3 34	0 30	22 53	4 7	13 12	1 19	10 38	1 39	6 5	0 40	13 24	1 47	22 44	12 14	18 11	18 27	19 31	9 29	7 12
S 18	8 10	10 31	5 12	9 19	3 7	4 5	0 27	22 54	4 5	13 15	1 19	10 35	1 40	6 4	0 40	13 24	1 47	22 44	12 14	18 12	18 27	19 32	9 30	7 11
S 19	7 47	14 0	5 1	9 45	2 55	4 36	0 24	22 55	4 3	13 18	1 19	10 33	1 40	6 3	0 40	13 24	1 46	22 43	12 14	18 13	18 28	19 33	9 32	7 11
M20	7 25	16 51	4 37	10 10	2 43	5 7	0 21	22 56	4 1	13 21	1 19	10 30	1 40	6 2	0 40	13 25	1 46	22 43	12 14	18 13	18 29	19 34	9 34	7 10
T 21	7 2	18 57	4 1	10 34	2 30	5 38	0 18	22 56	3 59	13 23	1 19	10 27	1 40	6 2	0 40	13 25	1 46	22 42	12 15	18 13	18 30	19 35	9 35	7 10
W22	6 39	20 15	3 15	10 56	2 16	6 9	0 15	22 57	3 57	13 26	1 19	10 25	1 40	6 1	0 40	13 26	1 46	22 42	12 15	18 13	18 31	19 36	9 37	7 9
T 23	6 16	20 38	2 20	11 15	2 2	6 40	0 12	22 57	3 55	13 28	1 19	10 22	1 40	6 0	0 40	13 26	1 46	22 41	12 15	18 12	18 32	19 37	9 38	7 9
F 24	5 53	20 6	1 19	11 33	1 47	7 10	0 9	22 56	3 53	13 31	1 19	10 19	1 40	5 59	0 40	13 27	1 46	22 41	12 15	18 12	18 32	19 39	9 40	7 8
S 25	5 29	18 36	0 13	11 49	1 33	7 41	0 6	22 56	3 50	13 33	1 19	10 17	1 40	5 58	0 40	13 27	1 46	22 40	12 15	18 12	18 33	19 40	9 41	7 8
S 26	5 6	16 11	0n54	12 2	1 19	8 11	0 3	22 55	3 48	13 36	1 19	10 14	1 40	5 58	0 40	13 28	1 46	22 40	12 15	18 12	18 34	19 41	9 43	7 7
M27	4 43	12 56	2 1	12 14	1 4	8 41	0n 1	22 54	3 46	13 38	1 19	10 11	1 40	5 57	0 40	13 28	1 46	22 39	12 15	18 12	18 35	19 42	9 45	7 7
T 28	4s19	8n58	3n 3	12s23	0n50	9n11	0n 4	22n53	3n44	13n40	1n19	10s 9	1s40	5s56	0n40	13n29	1s46	22s39	12s15	18n13	18n36	19n43	9n46	7s 6

Julian Day Number = 2288322.5, Delta T = 154.59 sec

Ecliptic obliquity = 23°29'45", Nutation = - 0°00'12"

Ayanamsha: Fagan/Bradley = 18°30'15", Lahiri = 17°37'15" Julian Calendar 1 Feb. 1553 == Greg. Calendar 11 Feb. 1553

SWISS EPHEMERIS for the year 1553

MARCH 1553 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅
W 1	11 12 57	20♌5'49	27♍46	25♋25	24♌38	4°R 5	27°R12	8♌6	16°R36	11♌1	0♌47	8°R14	6♌51	22♌49	14°R16	
T 2	11 16 53	21° 5'28	11♌27	25°47	25°50	4♌3	27♌5	8°14	16♌34	11° 2	0°48	8♌7	6°48	22°56	14♌13	
F 3	11 20 50	22° 5'05	25°20	26°14	27° 2	4° 1	26°58	8°21	16°32	11° 4	0°50	8° 0	6°44	23° 2	14°10	
S 4	11 24 47	23° 4'40	9♌24	26°46	28°14	3°59	26°52	8°28	16°29	11° 6	0°51	7°53	6°41	23° 9	14° 7	
S 5	11 28 43	24° 4'13	23°33	27°22	29°26	3°D59	26°46	8°35	16°27	11° 7	0°53	7°48	6°38	23°16	14° 3	
M 6	11 32 40	25° 3'45	7♌44	28° 2	0♌38	3°59	26°39	8°42	16°25	11° 9	0°54	7°44	6°35	23°23	14° 1	
T 7	11 36 36	26° 3'15	21°54	28°45	1°49	4° 0	26°33	8°50	16°22	11°11	0°56	7°D43	6°32	23°29	13°58	
W 8	11 40 33	27° 2'43	6♌2	29°33	3° 1	4° 1	26°27	8°57	16°20	11°12	0°57	7°43	6°28	23°36	13°55	
T 9	11 44 29	28° 2'10	20° 7	0♌23	4°13	4° 4	26°22	9° 4	16°18	11°14	0°59	7°44	6°25	23°43	13°52	
F 10	11 48 26	29° 1'34	4♌6	1°17	5°24	4° 7	26°16	9°11	16°15	11°16	1° 1	7°R45	6°22	23°49	13°50	
S 11	11 52 22	0♌57	18° 0	2°14	6°35	4°10	26°10	9°18	16°13	11°18	1° 2	7°45	6°19	23°56	13°47	
S 12	11 56 19	1° 0'18	1♌46	3°14	7°47	4°15	26° 5	9°25	16°10	11°19	1° 3	7°42	6°16	24° 3	13°45	
M13	12 0 16	1°59'37	15°22	4°16	8°58	4°20	26° 0	9°32	16° 8	11°21	1° 5	7°37	6°13	24° 9	13°43	
T 14	12 4 12	2°58'54	28°47	5°21	10° 9	4°25	25°55	9°39	16° 6	11°23	1° 6	7°30	6° 9	24°16	13°40	
W15	12 8 9	3°58'09	11♌57	6°28	11°20	4°32	25°50	9°46	16° 3	11°25	1° 8	7°21	6° 6	24°23	13°38	
T 16	12 12 5	4°57'22	24°52	7°38	12°31	4°39	25°45	9°53	16° 1	11°27	1° 9	7°10	6° 3	24°29	13°36	
F 17	12 16 2	5°56'33	7♌31	8°50	13°41	4°46	25°40	10° 0	15°58	11°29	1°11	6°59	6° 0	24°36	13°35	
S 18	12 19 58	6°55'41	19°54	10° 4	14°52	4°55	25°36	10° 7	15°55	11°31	1°12	6°50	5°57	24°43	13°33	
S 19	12 23 55	7°54'47	2♌4	11°20	16° 3	5° 4	25°31	10°13	15°53	11°33	1°14	6°42	5°54	24°49	13°31	
M20	12 27 51	8°53'51	14° 2	12°38	17°13	5°13	25°27	10°20	15°50	11°35	1°15	6°37	5°50	24°56	13°30	
T 21	12 31 48	9°52'53	25°54	13°58	18°23	5°23	25°23	10°27	15°48	11°37	1°16	6°33	5°47	25° 3	13°28	
W22	12 35 44	10°51'53	7♌43	15°19	19°34	5°34	25°19	10°34	15°45	11°39	1°18	6°D32	5°44	25° 9	13°27	
T 23	12 39 41	11°50'50	19°36	16°43	20°44	5°45	25°16	10°40	15°43	11°41	1°19	6°32	5°41	25°16	13°25	
F 24	12 43 38	12°49'45	1♌36	18° 8	21°54	5°57	25°12	10°47	15°40	11°43	1°20	6°R33	5°38	25°23	13°24	
S 25	12 47 34	13°48'37	13°51	19°35	23° 4	6° 9	25° 9	10°54	15°38	11°45	1°22	6°33	5°34	25°29	13°23	
S 26	12 51 31	14°47'27	26°24	21° 4	24°13	6°22	25° 6	11° 0	15°35	11°47	1°23	6°31	5°31	25°36	13°22	
M27	12 55 27	15°46'15	9♌19	22°34	25°23	6°35	25° 3	11° 7	15°32	11°49	1°24	6°27	5°28	25°43	13°22	
T 28	12 59 24	16°45'01	22°38	24° 6	26°32	6°49	25° 0	11°13	15°30	11°51	1°25	6°20	5°25	25°49	13°21	
W29	13 3 20	17°43'45	6♌20	25°40	27°42	7° 3	24°58	11°19	15°27	11°53	1°27	6°11	5°22	25°56	13°20	
T 30	13 7 17	18°42'26	20°24	27°15	28°51	7°17	24°55	11°26	15°25	11°55	1°28	6° 1	5°19	26° 3	13°20	
F 31	13 11 13	19°41'06	4♌45	28°52	0♌0	7°D33	24°D53	11°32	15°D22	11°57	1°29	5°D49	5°D15	26°D9	13°D19	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	3s56	4n29	3n55	12s30	0n37	9n41	0n 7	22n52	3n42	13n43	1n19	10s 6	1s40	5s55	0n40	13n29	1s46	22s38	12s15	18n15	18n36	19n43	9n48	7s 5
T 2	3 32	0s18	4 36	12 35	0 24	10 10	0 11	22 50	3 39	13 45	1 19	10 3	1 40	5 54	0 41	13 30	1 46	22 38	12 16	18 17	18 37	19 44	9 49	7 5
F 3	3 9	5 9	5 1	12 38	0 11	10 39	0 14	22 49	3 37	13 47	1 19	10 1	1 40	5 53	0 41	13 30	1 46	22 37	12 16	18 19	18 38	19 45	9 51	7 4
S 4	2 45	9 47	5 8	12 39	0s 2	11 8	0 17	22 47	3 35	13 49	1 19	9 58	1 41	5 52	0 41	13 31	1 46	22 37	12 16	18 20	18 39	19 46	9 52	7 4
S 5	2 22	13 54	4 57	12 38	0 14	11 37	0 21	22 45	3 33	13 52	1 19	9 55	1 41	5 52	0 41	13 31	1 46	22 37	12 16	18 22	18 40	19 47	9 54	7 3
M 6	1 58	17 15	4 27	12 35	0 25	12 6	0 24	22 43	3 30	13 54	1 19	9 53	1 41	5 51	0 41	13 32	1 46	22 36	12 16	18 23	18 40	19 48	9 55	7 2
T 7	1 34	19 34	3 42	12 30	0 36	12 34	0 27	22 40	3 28	13 56	1 19	9 50	1 41	5 50	0 41	13 33	1 46	22 36	12 16	18 23	18 41	19 49	9 56	7 2
W 8	1 11	20 39	2 42	12 23	0 47	13 2	0 31	22 38	3 26	13 58	1 19	9 48	1 41	5 49	0 41	13 33	1 46	22 35	12 17	18 23	18 42	19 50	9 58	7 1
T 9	0 47	20 27	1 34	12 15	0 57	13 29	0 34	22 35	3 24	14 0	1 19	9 45	1 41	5 48	0 41	13 34	1 46	22 35	12 17	18 23	18 43	19 51	9 59	7 0
F 10	0 23	18 57	0 20	12 5	1 7	13 57	0 38	22 32	3 21	14 2	1 19	9 42	1 41	5 47	0 41	13 34	1 46	22 34	12 17	18 22	18 44	19 52	10 1	7 0
S 11	0n 0	16 21	0s55	11 53	1 16	14 24	0 41	22 29	3 19	14 3	1 19	9 40	1 41	5 46	0 41	13 35	1 46	22 34	12 17	18 23	18 44	19 53	10 2	6 59
S 12	0 24	12 49	2 5	11 39	1 24	14 50	0 44	22 26	3 17	14 5	1 19	9 37	1 41	5 45	0 41	13 36	1 45	22 34	12 17	18 23	18 45	19 54	10 3	6 58
M13	0 48	8 40	3 8	11 24	1 32	15 16	0 48	22 22	3 15	14 7	1 18	9 35	1 41	5 44	0 41	13 36	1 45	22 33	12 17	18 24	18 46	19 55	10 5	6 57
T 14	1 11	4 8	3 59	11 7	1 40	15 42	0 51	22 19	3 12	14 8	1 18	9 32	1 42	5 43	0 41	13 37	1 45	22 33	12 18	18 26	18 47	19 56	10 6	6 57
W15	1 35	0n31	4 36	10 49	1 47	16 8	0 55	22 15	3 10	14 10	1 18	9 30	1 42	5 42	0 41	13 37	1 45	22 33	12 18	18 29	18 47	19 57	10 7	6 56
T 16	1 58	5 2	4 58	10 29	1 53	16 33	0 58	22 11	3 8	14 12	1 18	9 27	1 42	5 41	0 41	13 38	1 45	22 32	12 18	18 31	18 48	19 58	10 8	6 55
F 17	2 22	9 15	5 4	10 7	1 59	16 58	1 2	22 7	3 6	14 13	1 18	9 25	1 42	5 40	0 41	13 39	1 45	22 32	12 18	18 34	18 49	19 59	10 10	6 54
S 18	2 45	12 59	4 57	9 44	2 5	17 22	1 5	22 3	3 4	14 15	1 18	9 22	1 42	5 39	0 41	13 39	1 45	22 32	12 18	18 37	18 50	20 0	10 11	6 54
S 19	3 9	16 7	4 36	9 20	2 10	17 46	1 9	21 59	3 2	14 16	1 18	9 20	1 42	5 38	0 41	13 40	1 45	22 31	12 19	18 39	18 51	20 1	10 12	6 53
M20	3 32	18 31	4 3	8 54	2 14	18 10	1 12	21 54	2 59	14 17	1 18	9 17	1 42	5 37	0 41	13 40	1 45	22 31	12 19	18 40	18 51	20 2	10 13	6 52
T 21	3 55	20 7	3 19	8 27	2 18	18 33	1 15	21 50	2 57	14 18	1 18	9 15	1 42	5 36	0 41	13 41	1 45	22 31	12 19	18 41	18 52	20 3	10 14	6 51
W22	4 19	20 49	2 28	7 58	2 22	18 56	1 19	21 45	2 55	14 20	1 18	9 12	1 43	5 35	0 41	13 42	1 45	22 30	12 19	18 41	18 53	20 3	10 16	6 51
T 23	4 42	20 35	1 29	7 29	2 25	19 18	1 22	21 41	2 53	14 21	1 17	9 10	1 43	5 34	0 41	13 42	1 45	22 30	12 20	18 41	18 54	20 4	10 17	6 50
F 24	5 5	19 25	0 26	6 57	2 27	19 39	1 25	21 36	2 51	14 22	1 17	9 8	1 43	5 33	0 41	13 43	1 45	22 30	12 20	18 41	18 55	20 5	10 18	6 49
S 25	5 28	17 20	0n39	6 25	2 29	20 1	1 29	21 31	2 49	14 23	1 17	9 5	1 43	5 32	0 41	13 44	1 45	22 30	12 20	18 41	18 55	20 6	10 19	6 48
S 26	5 51	14 22	1 44	5 51	2 30	20 21	1 32	21 25	2 47	14 24	1 17	9 3	1 43	5 31	0 41	13 44	1 45	22 29	12 20	18 41	18 56	20 7	10 20	6 47
M27	6 13	10 38	2 45	5 16	2 31	20 42	1 35	21 20	2 45	14 25	1 17	9 0	1 43	5 30	0 41	13 45	1 45	22 29	12 21	18 42	18 57	20 8	10 21	6 47
T 28	6 36	6 17	3 39	4 40	2 32	21 1	1 38	21 15	2 43	14 25	1 17	8 58	1 43	5 29	0 41	13 46	1 45	22 29	12 21	18 44	18 58	20 9	10 22	6 46
W29	6 58	1 29	4 22	4 3	2 3																			

SWISS EPHEMERIS for the year 1553

APRIL 1553 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	13 15 10	20°39'43	19°16	0°31	1°11	9	7°48	24°R51	11°38	15°R20	11°59	1°30	5°R39	5°12	26°16	13°R19
S 2	13 19 7	21°38'19	3°51	2°11	2°18	8° 4	24°49	11°45	15°17	12° 1	1°31	5°30	5° 9	26°23	13°19	
M 3	13 23 3	22°36'54	18°23	3°53	3°27	8°21	24°48	11°51	15°14	12° 3	1°33	5°24	5° 6	26°30	13°D19	
T 4	13 27 0	23°35'26	2°36	5°36	4°35	8°38	24°46	11°57	15°12	12° 6	1°34	5°21	5° 3	26°36	13°19	
W 5	13 30 56	24°33'57	16°59	7°21	5°44	8°55	24°45	12° 3	15° 9	12° 8	1°35	5°19	4°59	26°43	13°19	
T 6	13 34 53	25°32'27	0°59	9° 8	6°52	9°13	24°44	12° 9	15° 7	12°10	1°36	5°19	4°56	26°50	13°19	
F 7	13 38 49	26°30'55	14°46	10°57	8° 0	9°31	24°43	12°15	15° 4	12°12	1°37	5°19	4°53	26°56	13°20	
S 8	13 42 46	27°29'21	28°21	12°47	9° 8	9°50	24°42	12°21	15° 2	12°14	1°38	5°18	4°50	27° 3	13°20	
S 9	13 46 42	28°27'45	11°45	14°39	10°16	10° 9	24°42	12°27	14°59	12°16	1°39	5°14	4°47	27°10	13°21	
M10	13 50 39	29°26'08	24°58	16°32	11°23	10°28	24°42	12°33	14°57	12°19	1°40	5° 7	4°44	27°16	13°21	
T 11	13 54 36	0°24'29	8° 0	18°27	12°31	10°48	24°D41	12°39	14°54	12°21	1°41	4°57	4°40	27°23	13°22	
W12	13 58 32	1°22'48	20°50	20°24	13°38	11° 8	24°41	12°44	14°52	12°23	1°42	4°45	4°37	27°30	13°23	
T 13	14 2 29	2°21'06	3°28	22°23	14°45	11°28	24°42	12°50	14°50	12°25	1°43	4°32	4°34	27°36	13°24	
F 14	6 25	3°19'22	15°55	24°23	15°52	11°49	24°42	12°55	14°47	12°28	1°44	4°18	4°31	27°43	13°25	
S 15	14 10 22	4°17'36	28° 9	26°24	16°59	12°10	24°43	13° 1	14°45	12°30	1°45	4° 6	4°28	27°50	13°27	
S 16	14 14 18	5°15'48	10°13	28°27	18° 6	12°32	24°43	13° 6	14°42	12°32	1°46	3°55	4°25	27°56	13°28	
M17	14 18 15	6°13'58	22° 8	0°32	19°12	12°54	24°44	13°12	14°40	12°34	1°47	3°47	4°21	28° 3	13°30	
T 18	14 22 11	7°12'07	3°57	2°38	20°18	13°16	24°45	13°17	14°38	12°37	1°47	3°42	4°18	28°10	13°31	
W19	14 26 8	8°10'13	15°45	4°45	21°24	13°38	24°47	13°22	14°35	12°39	1°48	3°39	4°15	28°16	13°33	
T 20	14 30 5	9° 8'18	27°36	6°53	22°30	14° 1	24°48	13°28	14°33	12°41	1°49	3°38	4°12	28°23	13°35	
F 21	14 34 1	10° 6'20	9°35	9° 2	23°36	14°24	24°50	13°33	14°31	12°43	1°50	3°38	4° 9	28°30	13°37	
S 22	14 37 58	11° 4'21	21°49	11°12	24°41	14°47	24°52	13°38	14°29	12°46	1°51	3°38	4° 5	28°36	13°39	
S 23	14 41 54	12° 2'20	4°21	13°22	25°46	15°11	24°54	13°43	14°27	12°48	1°51	3°36	4° 2	28°43	13°41	
M24	14 45 51	13° 0'17	17°17	15°33	26°51	15°35	24°56	13°48	14°24	12°50	1°52	3°32	3°59	28°50	13°43	
T 25	14 49 47	13°58'12	0°39	17°44	27°56	15°59	24°58	13°53	14°22	12°52	1°53	3°26	3°56	28°56	13°45	
W26	14 53 44	14°56'05	14°30	19°54	29° 0	16°24	25° 1	13°57	14°20	12°55	1°53	3°18	3°53	29° 3	13°48	
T 27	14 57 40	15°53'56	28°48	22° 3	0°5	16°48	25° 4	14° 2	14°18	12°57	1°54	3° 7	3°50	29°10	13°50	
F 28	15 1 37	16°51'46	13°26	24°12	1° 9	17°13	25° 7	14° 7	14°16	12°59	1°55	2°56	3°46	29°16	13°53	
S 29	15 5 33	17°49'35	28°20	26°20	2°12	17°39	25°10	14°11	14°14	13° 1	1°55	2°46	3°43	29°23	13°56	
S 30	15 9 30	18°47'22	13°18	28°26	3°16	18° 4	25°13	14°16	14°12	13° 4	1°56	2°38	3°40	29°30	13°59	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	8n 5	12s53	4n53	2s 4	2s28	22n15	1n51	20n52	2n35	14n28	1n16	8s49	1s44	5s26	0n41	13n48	1s45	22s28	12s22	18n54	19n 1	20n12	10n26	6s42
S 2	8 27	16 37	4 26	1 22	2 26	22 32	1 54	20 46	2 33	14 28	1 16	8 47	1 44	5 25	0 41	13 49	1 45	22 28	12 22	18 56	19 2	20 13	10 26	6 42
M 3	8 49	19 19	3 41	0 39	2 23	22 48	1 57	20 39	2 32	14 29	1 16	8 44	1 44	5 24	0 41	13 50	1 45	22 28	12 22	18 58	19 2	20 14	10 27	6 41
T 4	9 11	20 45	2 43	0n 5	2 20	23 4	2 0	20 33	2 30	14 29	1 16	8 42	1 44	5 23	0 41	13 50	1 45	22 28	12 23	18 59	19 3	20 15	10 28	6 40
W 5	9 32	20 50	1 36	0 50	2 16	23 19	2 3	20 27	2 28	14 29	1 16	8 40	1 45	5 22	0 41	13 51	1 45	22 27	12 23	18 59	19 4	20 16	10 29	6 39
T 6	9 54	19 37	0 23	1 36	2 12	23 34	2 6	20 20	2 26	14 30	1 16	8 38	1 45	5 21	0 41	13 52	1 45	22 27	12 23	18 59	19 5	20 17	10 29	6 38
F 7	10 15	17 14	0s50	2 23	2 7	23 48	2 8	20 14	2 24	14 30	1 15	8 36	1 45	5 20	0 40	13 52	1 45	22 27	12 23	18 59	19 5	20 18	10 30	6 37
S 8	10 36	13 56	1 59	3 11	2 2	24 2	2 11	20 7	2 22	14 30	1 15	8 34	1 45	5 19	0 40	13 53	1 45	22 27	12 24	18 59	19 6	20 18	10 31	6 37
S 9	10 57	9 56	3 0	4 0	1 56	24 15	2 14	20 0	2 21	14 30	1 15	8 32	1 45	5 18	0 40	13 54	1 45	22 27	12 24	19 0	19 7	20 19	10 31	6 36
M10	11 18	5 32	3 50	4 49	1 50	24 27	2 16	19 53	2 19	14 30	1 15	8 29	1 45	5 17	0 40	13 54	1 45	22 27	12 24	19 2	19 8	20 20	10 32	6 35
T 11	11 39	0 55	4 28	5 40	1 43	24 39	2 19	19 46	2 17	14 30	1 15	8 27	1 46	5 16	0 40	13 55	1 45	22 27	12 25	19 4	19 8	20 21	10 33	6 34
W12	11 59	3n39	4 51	6 30	1 36	24 50	2 21	19 39	2 15	14 30	1 15	8 25	1 46	5 15	0 40	13 56	1 45	22 27	12 25	19 7	19 9	20 22	10 33	6 33
T 13	12 19	8 0	5 0	7 22	1 28	25 0	2 24	19 31	2 14	14 29	1 14	8 23	1 46	5 14	0 40	13 56	1 45	22 27	12 25	19 10	19 10	20 23	10 34	6 32
F 14	12 39	11 57	4 54	8 14	1 20	25 10	2 26	19 24	2 12	14 29	1 14	8 21	1 46	5 13	0 40	13 57	1 45	22 26	12 26	19 14	19 11	20 23	10 34	6 32
S 15	12 59	15 20	4 34	9 6	1 11	25 19	2 28	19 16	2 10	14 29	1 14	8 19	1 46	5 12	0 40	13 58	1 45	22 26	12 26	19 17	19 11	20 24	10 35	6 31
S 16	13 18	18 2	4 3	9 59	1 3	25 27	2 30	19 8	2 9	14 28	1 14	8 18	1 47	5 11	0 40	13 59	1 45	22 26	12 26	19 19	19 12	20 25	10 35	6 30
M17	13 38	19 55	3 21	10 51	0 53	25 35	2 32	19 1	2 7	14 28	1 14	8 16	1 47	5 10	0 40	13 59	1 45	22 26	12 26	19 21	19 13	20 26	10 36	6 29
T 18	13 57	20 56	2 30	11 44	0 44	25 42	2 34	18 53	2 5	14 27	1 14	8 14	1 47	5 10	0 40	14 0	1 45	22 26	12 27	19 22	19 14	20 27	10 36	6 28
W19	14 16	21 1	1 33	12 37	0 34	25 49	2 36	18 45	2 4	14 27	1 13	8 12	1 47	5 9	0 40	14 1	1 45	22 26	12 27	19 23	19 14	20 27	10 36	6 27
T 20	14 35	20 10	0 32	13 29	0 23	25 55	2 38	18 37	2 2	14 26	1 13	8 10	1 47	5 8	0 40	14 1	1 45	22 26	12 27	19 23	19 15	20 28	10 37	6 27
F 21	14 53	18 24	0n32	14 20	0 13	26 0	2 40	18 28	2 1	14 25	1 13	8 8	1 48	5 7	0 40	14 2	1 45	22 26	12 28	19 23	19 16	20 29	10 37	6 26
S 22	15 11	15 46	1 35	15 11	0 2	26 4	2 41	18 20	1 59	14 25	1 13	8 6	1 48	5 6	0 40	14 3	1 45	22 26	12 28	19 23	19 17	20 30	10 37	6 25
S 23	15 29	12 21	2 35	16 1	0n 8	26 8	2 43	18 11	1 58	14 24	1 13	8 5	1 48	5 5	0 40	14 3	1 45	22 26	12 28	19 24	19 17	20 31	10 37	6 24
M24	15 47	8 15	3 29	16 50	0 19	26 12	2 44	18 3	1 56	14 23	1 13	8 3	1 48	5 5	0 40	14 4	1 45	22 26	12 29	19 24	19 18	20 31	10 37	6 23
T 25	16 4	3 37	4 14	17 37	0 29	26 14	2 46	17 54	1 54	14 22	1 13	8 1	1 48	5 4	0 40	14 5	1 45	22 26	12 29	19 26	19 19	20 32	10 38	6 22
W26	16 21	1s20	4 46	18 23	0 40	26 16	2 47	17 45	1 53	14 21	1 12	8 0	1 49	5 3	0 40	14 5	1 45	22 26	12 29	19 28	19 20	20 33	10 38	6 22
T 27	16 38	6 23	5 1	19 7	0 50	26 18	2 48	17 36	1 51	14 20	1 12	7 58	1 49	5 2	0 40	14 6	1 45	22 27	12 30	19 30	19 20	20 34	10 38	6 21
F 28	16 55	11 12	4 56	19 50	1 0	26 18	2 49	17 27	1 50	14 19	1 12	7 56	1 49	5 1	0 40	14 7	1 45	22 27	12 30	19 33	19 21	20 34	10 38	6 20
S 29	17 11	15 24	4 32	20 30	1 9	26 18	2 50	17 18	1 49	14 18	1 12	7 55	1 49	5 1	0 40	14 7	1 45	22 27</						

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	15 13 27	19♌45'08	28♌12	0♏30	4♏19	18♏30	25♏16	14♌20	14♌R10	13♌6	1♌56	2♌R31	3♌37	29♏36	14♌1	
T 2	15 17 23	20♌42'53	12♌36	2°33	5°22	18°56	25°20	14°25	14♌8	13°8	1°57	2♌R28	3°34	29°43	14°5	
W 3	15 21 20	21°40'36	27°22	4°33	6°24	19°22	25°24	14°29	14°6	13°10	1°57	2°D27	3°31	29°50	14°8	
T 4	15 25 16	22°38'19	11♌30	6°32	7°27	19°49	25°28	14°33	14°5	13°13	1°58	2°27	3°27	29°56	14°11	
F 5	15 29 13	23°36'00	25°17	8°27	8°29	20°15	25°32	14°37	14°3	13°15	1°58	2°R27	3°24	0♌3	14°14	
S 6	15 33 9	24°33'40	8♌46	10°21	9°30	20°42	25°36	14°41	14°1	13°17	1°59	2°26	3°21	0°10	14°18	
S 7	15 37 6	25°31'19	21°58	12°11	10°32	21°9	25°40	14°45	13°59	13°19	1°59	2°23	3°18	0°16	14°21	
M 8	15 41 3	26°28'58	4♌55	13°59	11°33	21°36	25°45	14°49	13°58	13°21	2°0	2°18	3°15	0°23	14°25	
T 9	15 44 59	27°26'35	17°39	15°43	12°33	22°4	25°50	14°53	13°56	13°24	2°0	2°10	3°11	0°30	14°29	
W10	15 48 56	28°24'11	0♌12	17°25	13°34	22°32	25°54	14°56	13°54	13°26	2°0	2°0	3°8	0°36	14°32	
T 11	15 52 52	29°21'46	12°34	19°4	14°34	23°0	25°59	15°0	13°53	13°28	2°1	1°49	3°5	0°43	14°36	
F 12	15 56 49	0♏19'20	24°46	20°40	15°33	23°28	26°5	15°4	13°51	13°30	2°1	1°38	3°2	0°50	14°40	
S 13	16 0 45	1°16'53	6♏50	22°13	16°33	23°56	26°10	15°7	13°50	13°32	2°1	1°27	2°59	0°56	14°44	
S 14	16 4 42	2°14'25	18°46	23°43	17°31	24°25	26°15	15°10	13°48	13°35	2°1	1°18	2°56	1°3	14°49	
M15	16 8 38	3°11'56	0♌37	25°10	18°30	24°53	26°21	15°14	13°47	13°37	2°2	1°12	2°52	1°10	14°53	
T 16	16 12 35	4°9'25	12°24	26°33	19°28	25°22	26°27	15°17	13°46	13°39	2°2	1°7	2°49	1°16	14°57	
W17	16 16 32	5°6'54	24°11	27°53	20°26	25°51	26°33	15°20	13°44	13°41	2°2	1°5	2°46	1°23	15°2	
T 18	16 20 28	6°4'21	6♌2	29°10	21°23	26°21	26°39	15°23	13°43	13°43	2°2	1°D5	2°43	1°30	15°6	
F 19	16 24 25	7°1'47	18°1	0♌24	22°19	26°50	26°45	15°26	13°42	13°45	2°2	1°6	2°40	1°36	15°11	
S 20	16 28 21	7°59'11	0♏14	1°35	23°16	27°20	26°51	15°29	13°41	13°47	2°2	1°7	2°37	1°43	15°16	
S 21	16 32 18	8°56'35	12°44	2°42	24°11	27°50	26°58	15°31	13°40	13°49	2°2	1°R7	2°33	1°50	15°21	
M22	16 36 14	9°53'57	25°37	3°45	25°6	28°20	27°4	15°34	13°38	13°51	2°2	1°6	2°30	1°56	15°25	
T 23	16 40 11	10°51'18	8♌57	4°45	26°1	28°50	27°11	15°37	13°37	13°54	2°R2	1°3	2°27	2°3	15°30	
W24	16 44 7	11°48'39	22°45	5°42	26°55	29°20	27°18	15°39	13°36	13°56	2°2	0°58	2°24	2°10	15°35	
T 25	16 48 4	12°45'58	7♌3	6°35	27°49	29°51	27°25	15°41	13°36	13°58	2°2	0°51	2°21	2°16	15°41	
F 26	16 52 1	13°43'16	21°46	7°24	28°42	0♏21	27°32	15°44	13°35	14°0	2°2	0°44	2°17	2°23	15°46	
S 27	16 55 57	14°40'34	6♌47	8°9	29°34	0°52	27°40	15°46	13°34	14°2	2°2	0°38	2°14	2°30	15°51	
S 28	16 59 54	15°37'50	21°58	8°50	0♏25	1°23	27°47	15°48	13°33	14°4	2°2	0°32	2°11	2°36	15°56	
M29	17 3 50	16°35'07	7♌3	9°27	1°16	1°54	27°54	15°50	13°32	14°6	2°2	0°28	2°8	2°43	16°2	
T 30	17 7 47	17°32'22	22°10	10°0	2°7	2°25	28°2	15°52	13°32	14°8	2°2	0°26	2°5	2°50	16°7	
W31	17 11 43	18°29'37	6♌53	10°29	2♌56	2♏57	28°10	15°54	13°31	14°9	2♏2	0°D26	2°2	2°56	16°13	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
M 1	17n43	20s38	2n51	21n43	1n26	26n17	2n51	17n0	1n46	14n15	1n12	7s52	1s50	4s59	0n40	14n9	1s45	22s27	12s31	19n39	19n23	20n37	10n38	6s17
T 2	17 58	21 11	1 42	22 16	1 34	26 15	2 52	16 50	1 44	14 14	1 11	7 50	1 50	4 58	0 40	14 9	1 45	22 27	12 31	19 39	19 24	20 37	10 38	6 17
W 3	18 14	20 18	0 27	22 46	1 42	26 12	2 52	16 40	1 43	14 12	1 11	7 49	1 50	4 58	0 40	14 10	1 45	22 27	12 32	19 40	19 25	20 38	10 38	6 16
T 4	18 28	18 9	0s48	23 14	1 48	26 9	2 52	16 31	1 41	14 11	1 11	7 47	1 50	4 57	0 40	14 11	1 45	22 27	12 32	19 40	19 26	20 39	10 37	6 15
F 5	18 43	14 59	1 58	23 39	1 54	26 6	2 52	16 21	1 40	14 9	1 11	7 46	1 50	4 56	0 40	14 11	1 45	22 27	12 32	19 40	19 26	20 40	10 37	6 14
S 6	18 57	11 5	3 1	24 2	2 0	26 1	2 52	16 11	1 39	14 8	1 11	7 45	1 51	4 56	0 40	14 12	1 45	22 28	12 33	19 40	19 27	20 40	10 37	6 14
S 7	19 11	6 44	3 52	24 22	2 4	25 56	2 52	16 1	1 37	14 6	1 11	7 43	1 51	4 55	0 40	14 13	1 45	22 28	12 33	19 40	19 28	20 41	10 37	6 13
M 8	19 25	2 10	4 30	24 39	2 8	25 51	2 52	15 51	1 36	14 4	1 10	7 42	1 51	4 54	0 40	14 13	1 45	22 28	12 33	19 42	19 29	20 42	10 36	6 12
T 9	19 38	2n25	4 54	24 54	2 11	25 45	2 52	15 41	1 35	14 3	1 10	7 41	1 51	4 54	0 40	14 14	1 45	22 28	12 34	19 43	19 29	20 43	10 36	6 11
W10	19 51	6 50	5 3	25 7	2 13	25 38	2 51	15 30	1 33	14 1	1 10	7 40	1 52	4 53	0 40	14 15	1 45	22 28	12 34	19 46	19 30	20 43	10 36	6 10
T 11	20 4	10 54	4 58	25 17	2 15	25 31	2 50	15 20	1 32	13 59	1 10	7 38	1 52	4 53	0 40	14 15	1 45	22 29	12 35	19 48	19 31	20 44	10 35	6 10
F 12	20 16	14 29	4 39	25 25	2 15	25 24	2 50	15 9	1 31	13 57	1 10	7 37	1 52	4 52	0 40	14 16	1 45	22 29	12 35	19 51	19 32	20 45	10 35	6 9
S 13	20 28	17 25	4 8	25 31	2 15	25 15	2 49	14 59	1 29	13 55	1 10	7 36	1 52	4 52	0 40	14 17	1 45	22 29	12 35	19 53	19 32	20 45	10 35	6 8
S 14	20 40	19 35	3 26	25 34	2 14	25 7	2 47	14 48	1 28	13 53	1 10	7 35	1 53	4 51	0 40	14 17	1 45	22 29	12 36	19 55	19 33	20 46	10 34	6 7
M15	20 51	20 54	2 36	25 36	2 12	24 57	2 46	14 37	1 27	13 51	1 9	7 34	1 53	4 51	0 40	14 18	1 45	22 29	12 36	19 56	19 34	20 47	10 34	6 7
T 16	21 2	21 17	1 39	25 36	2 9	24 48	2 45	14 26	1 26	13 49	1 9	7 33	1 53	4 50	0 40	14 18	1 45	22 30	12 36	19 57	19 35	20 48	10 33	6 6
W17	21 12	20 43	0 37	25 35	2 6	24 37	2 43	14 15	1 24	13 47	1 9	7 32	1 53	4 50	0 39	14 19	1 45	22 30	12 37	19 58	19 35	20 48	10 32	6 5
T 18	21 22	19 14	0n27	25 31	2 2	24 27	2 41	14 4	1 23	13 45	1 9	7 31	1 53	4 49	0 39	14 20	1 45	22 30	12 37	19 58	19 36	20 49	10 32	6 4
F 19	21 32	16 53	1 30	25 26	1 57	24 16	2 39	13 53	1 22	13 42	1 9	7 30	1 54	4 49	0 39	14 20	1 45	22 31	12 37	19 58	19 37	20 50	10 31	6 4
S 20	21 42	13 46	2 30	25 20	1 51	24 4	2 37	13 41	1 21	13 40	1 9	7 29	1 54	4 48	0 39	14 21	1 45	22 31	12 38	19 57	19 37	20 50	10 31	6 3
S 21	21 51	9 57	3 25	25 12	1 44	23 52	2 35	13 30	1 19	13 38	1 9	7 28	1 54	4 48	0 39	14 21	1 45	22 31	12 38	19 57	19 38	20 51	10 30	6 2
M22	21 59	5 35	4 11	25 3	1 37	23 40	2 32	13 18	1 18	13 35	1 8	7 28	1 54	4 47	0 39	14 22	1 45	22 31	12 38	19 58	19 39	20 52	10 29	6 2
T 23	22 8	0 49	4 46	24 53	1 29	23 27	2 30	13 7	1 17	13 33	1 8	7 27	1 55	4 47	0 39	14 23	1 45	22 32	12 39	19 58	19 40	20 52	10 28	6 1
W24	22 15	4s9	5 5	24 42	1 20	23 13	2 27	12 55	1 16	13 30	1 8	7 26	1 55	4 47	0 39	14 23	1 45	22 32	12 39	19 59	19 40	20 53	10 28	6 0
T 25	22 23	9 4	5 6	24 30	1 10	23 0	2 24	12 43	1 15	13 28	1 8	7 25	1 55	4 46	0 39	14 24	1 45	22 32	12 39	20 1	19 41	20 54	10 27	5 59
F 26	22 30	13 37	4 48	24 17	1 0	22 46	2 20	12 31	1 13	13 25	1 8	7 25	1 55	4 46	0 39	14 24	1 45	22 33	12 40	20 2	19 42	20 54	10 26	5 59
S 27	22 37	17 24	4 9	24 3	0 49	22 31	2 17	12 19	1 12	13 22	1 8	7 24	1 56	4 46	0 39	14 25	1 45	22 33	12 40	20 4	19 42	20 55	10 25	5 58
S 28	22 43	20 3	3 13	23 49	0 37	22 17	2 13	12 7	1 11	13 20	1 8	7 24	1 56	4 46	0 39	14 26	1 45	22 33	12 40	20 5	19 43	20 56	10 24	5 57
M29	22 49	21 15	2 3	23 34	0 24	22																		

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	17 15 40	19II26'52	21≈14	10☉53	3♂45	3♂28	28♂18	15♂55	13°R30	14♂11	2°R 2	0♂27	1♂58	3♂3	16♂19		
F 2	17 19 36	20°24'07	5♂10	11°13	4°33	4° 0	28°26	15°57	13♂30	14°13	2♂ 1	0°29	1°55	3°10	16°24		
S 3	17 23 33	21°21'21	18°43	11°28	5°21	4°31	28°34	15°58	13°29	14°15	2° 1	0°R29	1°52	3°16	16°30		
S 4	17 27 30	22°18'35	1♀53	11°39	6° 7	5° 3	28°42	16° 0	13°29	14°17	2° 1	0°29	1°49	3°23	16°36		
M 5	17 31 26	23°15'49	14°44	11°46	6°53	5°35	28°51	16° 1	13°29	14°19	2° 1	0°27	1°46	3°30	16°42		
T 6	17 35 23	24°13'03	27°18	11°R48	7°38	6° 8	28°59	16° 2	13°28	14°21	2° 0	0°23	1°42	3°36	16°48		
W 7	17 39 19	25°10'17	9♂39	11°45	8°22	6°40	29° 8	16° 3	13°28	14°23	2° 0	0°18	1°39	3°43	16°54		
T 8	17 43 16	26° 7'30	21°49	11°38	9° 5	7°12	29°16	16° 4	13°28	14°24	1°59	0°13	1°36	3°50	17° 0		
F 9	17 47 12	27° 4'44	3II50	11°26	9°47	7°45	29°25	16° 5	13°28	14°26	1°59	0° 7	1°33	3°56	17° 7		
S 10	17 51 9	28° 1'57	15°45	11°10	10°27	8°18	29°34	16° 6	13°28	14°28	1°59	0° 1	1°30	4° 3	17°13		
S 11	17 55 5	28°59'10	27°36	10°51	11° 7	8°51	29°43	16° 7	13°27	14°30	1°58	29☉57	1°27	4°10	17°19		
M12	17 59 2	29°56'23	9☉24	10°27	11°46	9°24	29°52	16° 7	13°D27	14°31	1°58	29°54	1°23	4°16	17°26		
T 13	18 2 59	0☉53'35	21°11	10° 0	12°24	9°57	0♂ 1	16° 8	13°28	14°33	1°57	29°52	1°20	4°23	17°32		
W14	18 6 55	1°50'48	3♂ 1	9°30	13° 0	10°30	0°11	16° 8	13°28	14°35	1°57	29°D52	1°17	4°30	17°39		
T 15	18 10 52	2°48'00	14°56	8°58	13°36	11° 3	0°20	16° 9	13°28	14°36	1°56	29°52	1°14	4°36	17°45		
F 16	18 14 48	3°45'12	26°59	8°24	14°10	11°37	0°30	16° 9	13°28	14°38	1°56	29°54	1°11	4°43	17°52		
S 17	18 18 45	4°42'23	9♂14	7°48	14°42	12°10	0°39	16°R 9	13°28	14°40	1°55	29°56	1° 8	4°50	17°59		
S 18	18 22 41	5°39'35	21°45	7°11	15°14	12°44	0°49	16° 9	13°29	14°41	1°55	29°57	1° 4	4°56	18° 5		
M19	18 26 38	6°36'46	4♂37	6°34	15°43	13°18	0°59	16° 9	13°29	14°43	1°54	29°R57	1° 1	5° 3	18°12		
T 20	18 30 34	7°33'56	17°52	5°57	16°12	13°52	1° 9	16° 9	13°29	14°44	1°53	29°57	0°58	5°10	18°19		
W21	18 34 31	8°31'07	1♂34	5°22	16°39	14°26	1°19	16° 8	13°30	14°46	1°53	29°56	0°55	5°16	18°26		
T 22	18 38 28	9°28'17	15°42	4°48	17° 4	15° 0	1°29	16° 8	13°30	14°47	1°52	29°54	0°52	5°23	18°33		
F 23	18 42 24	10°25'28	0♂16	4°16	17°27	15°35	1°39	16° 7	13°31	14°49	1°51	29°51	0°48	5°30	18°40		
S 24	18 46 21	11°22'38	15°11	3°47	17°49	16° 9	1°49	16° 7	13°31	14°50	1°51	29°49	0°45	5°36	18°47		
S 25	18 50 17	12°19'48	0♂19	3°21	18° 9	16°43	1°59	16° 6	13°32	14°52	1°50	29°47	0°42	5°43	18°54		
M26	18 54 14	13°16'59	15°32	2°59	18°27	17°18	2°10	16° 5	13°33	14°53	1°49	29°46	0°39	5°50	19° 1		
T 27	18 58 10	14°14'10	0≈40	2°42	18°43	17°53	2°20	16° 4	13°34	14°54	1°48	29°D46	0°36	5°56	19° 9		
W28	19 2 7	15°11'21	15°33	2°29	18°58	18°28	2°31	16° 3	13°34	14°56	1°48	29°46	0°33	6° 3	19°16		
T 29	19 6 3	16° 8'33	0♂ 6	2°20	19°10	19° 2	2°42	16° 2	13°35	14°57	1°47	29°47	0°29	6°10	19°23		
F 30	19 10 0	17☉ 5'45	14♂14	2°D17	19♂20	19♂37	2♂52	16♂ 1	13♂36	14♂58	1♂46	29☉48	0♂26	6☉16	19♂31		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	23n 5	16s12	1s51	22n46	0s17	21n15	1n57	11n18	1n 7	13n 9	1n 7	7s22	1s57	4s45	0n39	14n28	1s45	22s35	12s42	20n 6	19n46	20n58	10n20	5s55
F 2	23 9	12 23	2 58	22 30	0 32	20 59	1 52	11 5	1 6	13 6	1 7	7 21	1 57	4 45	0 39	14 28	1 45	22 35	12 42	20 6	19 47	20 59	10 19	5 54
S 3	23 13	8 2	3 52	22 13	0 47	20 42	1 47	10 52	1 4	13 3	1 7	7 21	1 57	4 44	0 39	14 29	1 45	22 36	12 43	20 6	19 47	20 59	10 18	5 54
S 4	23 16	3 26	4 34	21 57	1 2	20 26	1 42	10 40	1 3	13 0	1 7	7 21	1 58	4 44	0 39	14 29	1 45	22 36	12 43	20 6	19 48	21 0	10 17	5 53
M 5	23 19	1n13	5 0	21 40	1 18	20 9	1 36	10 27	1 2	12 57	1 7	7 20	1 58	4 44	0 39	14 30	1 45	22 37	12 43	20 6	19 49	21 1	10 16	5 52
T 6	23 22	5 42	5 11	21 24	1 34	19 52	1 31	10 14	1 1	12 54	1 6	7 20	1 58	4 44	0 39	14 30	1 45	22 37	12 44	20 7	19 50	21 1	10 15	5 52
W 7	23 24	9 53	5 7	21 8	1 51	19 35	1 25	10 1	1 0	12 50	1 6	7 20	1 59	4 44	0 39	14 31	1 45	22 37	12 44	20 8	19 50	21 2	10 13	5 51
T 8	23 26	13 36	4 50	20 52	2 7	19 18	1 19	9 48	0 59	12 47	1 6	7 20	1 59	4 44	0 39	14 31	1 45	22 38	12 44	20 9	19 51	21 2	10 12	5 51
F 9	23 28	16 43	4 19	20 37	2 23	19 0	1 12	9 35	0 58	12 44	1 6	7 20	1 59	4 44	0 39	14 32	1 45	22 38	12 45	20 10	19 52	21 3	10 11	5 50
S 10	23 29	19 7	3 38	20 23	2 39	18 43	1 6	9 21	0 57	12 41	1 6	7 20	1 59	4 44	0 39	14 32	1 45	22 39	12 45	20 12	19 52	21 3	10 10	5 49
S 11	23 30	20 41	2 48	20 8	2 55	18 25	0 59	9 8	0 56	12 38	1 6	7 20	2 0	4 44	0 39	14 33	1 45	22 39	12 45	20 13	19 53	21 4	10 8	5 49
M12	23 30	21 20	1 50	19 55	3 10	18 7	0 52	8 55	0 55	12 34	1 6	7 20	2 0	4 44	0 38	14 33	1 46	22 40	12 45	20 13	19 54	21 5	10 7	5 48
T 13	23 30	21 2	0 47	19 43	3 25	17 50	0 44	8 41	0 54	12 31	1 6	7 20	2 0	4 44	0 38	14 34	1 46	22 40	12 46	20 14	19 55	21 5	10 5	5 48
W14	23 29	19 49	0n17	19 31	3 39	17 32	0 37	8 28	0 53	12 28	1 6	7 20	2 0	4 44	0 38	14 34	1 46	22 41	12 46	20 14	19 55	21 6	10 4	5 47
T 15	23 28	17 42	1 22	19 20	3 52	17 14	0 29	8 14	0 52	12 24	1 6	7 20	2 1	4 44	0 38	14 35	1 46	22 41	12 46	20 14	19 56	21 6	10 3	5 47
F 16	23 27	14 48	2 24	19 11	4 4	16 57	0 20	8 0	0 51	12 21	1 5	7 20	2 1	4 44	0 38	14 35	1 46	22 42	12 47	20 13	19 57	21 7	10 1	5 46
S 17	23 25	11 13	3 20	19 2	2 14	16 39	0 12	7 47	0 50	12 17	1 5	7 20	2 1	4 44	0 38	14 35	1 46	22 42	12 47	20 13	19 57	21 7	10 0	5 45
S 18	23 22	7 4	4 8	18 55	4 24	16 21	0 3	7 33	0 49	12 14	1 5	7 20	2 1	4 45	0 38	14 36	1 46	22 43	12 47	20 13	19 58	21 8	9 58	5 45
M19	23 20	2 31	4 45	18 49	4 32	16 4	0s 6	7 19	0 48	12 10	1 5	7 21	2 2	4 45	0 38	14 36	1 46	22 43	12 48	20 12	19 59	21 9	9 57	5 44
T 20	23 17	2s16	5 9	18 44	4 38	15 46	0 15	7 5	0 47	12 6	1 5	7 21	2 2	4 45	0 38	14 37	1 46	22 44	12 48	20 13	19 59	21 9	9 55	5 44
W21	23 13	7 7	5 15	18 41	4 43	15 29	0 25	6 51	0 46	12 3	1 5	7 21	2 2	4 45	0 38	14 37	1 46	22 44	12 48	20 13	20 1	21 10	9 53	5 43
T 22	23 9	11 44	5 4	18 39	4 46	15 12	0 35	6 37	0 45	11 59	1 5	7 22	2 2	4 45	0 38	14 37	1 46	22 45	12 49	20 13	20 1	21 10	9 52	5 43
F 23	23 5	15 49	4 32	18 38	4 48	14 55	0 45	6 22	0 44	11 55	1 5	7 22	2 3	4 46	0 38	14 38	1 46	22 45	12 49	20 14	20 1	21 11	9 50	5 42
S 24	23 0	18 59	3 42	18 39	4 48	14 38	0 56	6 8	0 43	11 52	1 5	7 23	2 3	4 46	0 38	14 38	1 46	22 46	12 49	20 14	20 2	21 11	9 48	5 42
S 25	22 55	20 54	2 36	18 41	4 46	14 22	1 7	5 54	0 42	11 48	1 5	7 23	2 3	4 46	0 38	14 39	1 46	22 46	12 49	20 15	20 3	21 12	9 47	5 41
M26	22 50	21 18	1 18	18 45	4 43	14 6	1 18	5 39	0 41	11 44	1 4	7 24	2 3	4 47	0 38	14 39	1 46	22 47	12 50	20 15	20 4	21 12	9 45	5 41
T 27	22 44	20 8	0s 5	18 49	4 39	13 50	1 29	5 25	0 40	11 40	1 4	7 24	2 4	4 47	0 38	14 39	1 46	22 47	12 50	20 15	20 4	21 13	9 43	5 41
W28	22 38	17 35	1 26	18 56	4 33	13 35	1 41	5 10	0 39	11 36	1 4	7 25	2 4	4 47	0 38	14 40	1 46	22 48	12 50	20 15	20 5	21 13	9 41	5 40
T 29	22 31	13 58	2 40	19 3	4 26	13 19	1 53	4 56	0 38	11 32	1 4	7 26	2 4	4 48	0 38	14 40	1 46	22 48	12 51	20 15	20 6	21 14		

SWISS EPHEMERIS for the year 1553

JULY 1553 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	19 13 57	18°25'58"	27°45'55"	2°20'20"	19°02'28"	20°07'13"	3°07'33"	16°R 0	13°03'37"	14°08'59"	1°R45	29°49	0°02'23"	6°23	19°03'38"
S 2	19 17 53	19° 0'12"	11°07'10"	2°27' 19"	19°34' 20"	20°48' 30"	3°14' 15"	15°48'58"	13°38' 15"	1° 1°44	29°49	0°20	6°29	19°45	
M 3	19 21 50	19°57'26"	24° 2' 24"	2°41' 19"	19°38' 21"	21°23' 30"	3°25' 15"	15°57' 13"	13°39' 15"	2° 1°44	29°R49	0°17	6°36	19°53	
T 4	19 25 46	20°54'41"	6°34' 3° 0	19°R39	21°59' 3°36	21°59' 3°36	3°36' 15"	15°55' 13"	13°41' 15"	3° 1°43	29°49	0°14	6°43	20° 0	
W 5	19 29 43	21°51'57"	18°50' 3°24	19°R38	22°34' 3°47	22°34' 3°47	3°47' 15"	15°54' 13"	13°42' 15"	4° 1°42	29°48	0°10	6°49	20° 8	
T 6	19 33 39	22°49'14"	0°02'53"	3°55' 19"	19°35' 23"	10° 3°58	15°52' 13"	13°43' 15"	5° 1°41	29°47	0° 7	6°56	20°16		
F 7	19 37 36	23°46'32"	12°48' 4°31	19°30' 23"	45' 4° 9	15°50' 13"	13°44' 15"	6° 1°40	29°47	0° 4	7° 3	20°23			
S 8	19 41 32	24°43'50"	24°38' 5°13	19°22' 24"	21' 4°21	15°48' 13"	13°46' 15"	7° 1°39	29°46	0° 1	7° 9	20°31			
S 9	19 45 29	25°41'09"	6°26' 6° 0	19°12' 24"	57' 4°32	15°46' 13"	13°47' 15"	8° 1°38	29°45	29°58	7°16	20°39			
M10	19 49 26	26°38'29"	18°31' 6°53	18°59' 25"	33' 4°43	15°44' 13"	13°48' 15"	9° 1°37	29°45	29°54	7°23	20°46			
T 11	19 53 22	27°35'50"	0°02' 6	7°52' 18"	44' 26° 9	4°55' 15"	15°42' 13"	10° 1°36	29°D45	29°51	7°29	20°54			
W12	19 57 19	28°33'11"	12° 2' 8°56	18°27' 26"	46' 5° 6	15°39' 13"	13°51' 15"	11° 1°35	29°45	29°48	7°36	21° 2			
T 13	20 1 15	29°30'34"	24° 6' 10° 5	18° 7' 27"	22' 5°18	15°37' 13"	13°53' 15"	12° 1°34	29°R45	29°45	7°43	21°10			
F 14	20 5 12	0°02'7'56"	6°07'19"	11°19' 17°45	27°58' 5°30	15°35' 13"	13°55' 15"	13° 1°33	29°45	29°42	7°49	21°18			
S 15	20 9 8	1°25'20"	18°44' 12°38	17°21' 28"	35' 5°41	15°32' 13"	13°56' 15"	14° 1°32	29°45	29°39	7°56	21°26			
S 16	20 13 5	2°22'44"	1°02'24"	14° 3' 16°55	29°12' 5°53	15°29' 13"	13°58' 15"	15° 1°31	29°45	29°35	8° 3	21°34			
M17	20 17 1	3°20'09"	14°20' 15°31	16°27' 29"	48' 6° 5	15°27' 14° 0	15°15' 1°30	16° 29°44	29°32	8° 9	21°42				
T 18	20 20 58	4°17'34"	27°35' 17° 5	15°58' 0°25	25' 6°17	15°24' 14° 2	15°16' 1°29	17° 29°44	29°29	8°16	21°50				
W19	20 24 55	5°15'00"	11°02'10"	18°42' 15"	26' 1° 2	6°29' 15°21	14° 4	15°17' 1°27	29°D44	29°26	8°23	21°58			
T 20	20 28 51	6°12'27"	25° 8' 20°24	14°53' 1°39	6°41	15°18' 14° 5	15°18' 1°26	17° 29°45	29°23	8°29	22° 6				
F 21	20 32 48	7° 9'55"	9°07'27"	22° 9' 14°19	2°16' 6°53	15°15' 14° 7	15°18' 1°25	17° 29°45	29°20	8°36	22°14				
S 22	20 36 44	8° 7'23"	24° 5' 23°58	13°44' 2°53	7° 5	15°12' 14° 9	15°19' 1°24	17° 29°46	29°16	8°43	22°22				
S 23	20 40 41	9° 4'53"	8°03'57"	25°49' 13° 8	3°30' 7°17	15° 9' 14°12	15°19' 1°23	17° 29°46	29°13	8°49	22°30				
M24	20 44 37	10° 2'23"	23°57' 27°43	12°31' 4° 8	7°29' 7°21	15° 5' 14°14	15°20' 1°22	17° 29°R47	29°10	8°56	22°38				
T 25	20 48 34	10°59'54"	8°05'56"	29°40' 11°54	4°45' 7°41	15° 2' 14°16	15°20' 1°21	17° 29°47	29° 7	9° 3	22°46				
W26	20 52 31	11°57'27"	23°48' 1°03'38	11°16' 5°23	7°54' 14°59	14°18' 15°21	1°19	17° 29°46	29° 4	9° 9	22°54				
T 27	20 56 27	12°55'00"	8°03'23"	3°38' 10°39	6° 0' 8° 6	14°55' 14°20	15°21' 1°18	17° 29°45	29° 0	9°16	23° 2				
F 28	21 0 24	13°52'35"	22°36' 5°38	10° 2' 6°38	8°18' 14°51	14°22' 15°22	1°17	17° 29°43	28°57	9°23	23°11				
S 29	21 4 20	14°50'11"	6°07'23"	7°40' 9°25	7°16' 8°31	14°48' 14°25	15°22' 1°16	17° 29°41	28°54	9°29	23°19				
S 30	21 8 17	15°47'49"	19°45' 9°42	8°50' 7°53	8°43' 14°44	14°27' 15°23	1°15	17° 29°40	28°51	9°36	23°27				
M31	21 12 13	16°04'52"	2°08'41"	11°02'44"	8°02'15"	8°03'15"	8°05'14"	14°02'29"	15°02'23"	1°03'13"	29°03'38"	28°04'48"	9°04'42"	23°02'35"	

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	22n17	4s57	4s29	19n21	4s 8	12n50	2s18	4n27	0n36	11n24	1n 4	7s27	2s 5	4s49	0n38	14n41	1s46	22s50	12s51	20n14	20n 7	21n15	9n36	5s39
S 2	22 9 0 11	5 1 19	31 5 8	12 36	2 30	4 12	0 35	11 20	1 4	7 28	2 5	4 49	0 38	14 41	1 46	22 50	12 51	20 14	20 8	21 15	9 34	5 38		
M 3	22 1 4n27	5 16	19 42	3 46	12 23	2 43	3 57	0 34	11 16	1 4	7 29	2 5	4 49	0 38	14 41	1 46	22 51	12 52	20 14	20 8	21 16	9 32	5 38	
T 4	21 52 8 47	5 15	19 53	3 34	12 10	2 56	3 42	0 34	11 12	1 4	7 29	2 5	4 50	0 38	14 41	1 47	22 51	12 52	20 14	20 9	21 16	9 30	5 38	
W 5	21 43 12 39	5 0	20 6	3 22	11 57	3 10	3 27	0 33	11 8	1 4	7 30	2 6	4 50	0 38	14 42	1 47	22 52	12 52	20 14	20 10	21 17	9 28	5 37	
T 6	21 34 15 57	4 32	20 18	3 8	11 46	3 23	3 12	0 32	11 4	1 4	7 31	2 6	4 51	0 38	14 42	1 47	22 52	12 52	20 15	20 10	21 17	9 26	5 37	
F 7	21 24 18 33	3 52	20 31	2 55	11 34	3 37	2 57	0 31	11 0	1 4	7 32	2 6	4 51	0 37	14 42	1 47	22 53	12 53	20 15	20 11	21 18	9 24	5 36	
S 8	21 14 20 20	3 3	20 43	2 40	11 24	3 51	2 42	0 30	10 56	1 4	7 33	2 6	4 52	0 37	14 43	1 47	22 54	12 53	20 15	20 12	21 18	9 22	5 36	
S 9	21 3 21 14	2 6	20 56	2 26	11 14	4 4	2 27	0 29	10 51	1 4	7 34	2 7	4 53	0 37	14 43	1 47	22 54	12 53	20 15	20 12	21 19	9 20	5 36	
M10	20 53 21 12	1 4	21 8	2 11	11 4	4 18	2 12	0 28	10 47	1 3	7 35	2 7	4 53	0 37	14 43	1 47	22 55	12 53	20 15	20 13	21 19	9 18	5 35	
T 11	20 41 20 13	0n 2	21 19	1 56	10 56	4 32	1 57	0 27	10 43	1 3	7 36	2 7	4 54	0 37	14 43	1 47	22 55	12 54	20 15	20 14	21 19	9 16	5 35	
W12	20 30 18 19	1 8	21 30	1 42	10 48	4 46	1 42	0 26	10 39	1 3	7 37	2 7	4 54	0 37	14 43	1 47	22 56	12 54	20 15	20 14	21 20	9 14	5 35	
T 13	20 18 15 35	2 1	21 40	1 27	10 41	5 0	1 26	0 26	10 34	1 3	7 38	2 8	4 55	0 37	14 44	1 47	22 56	12 54	20 15	20 15	21 20	9 12	5 34	
F 14	20 6 12 9	3 10	21 49	1 12	10 34	5 13	1 11	0 25	10 30	1 3	7 40	2 8	4 56	0 37	14 44	1 47	22 57	12 54	20 15	20 16	21 21	9 10	5 34	
S 15	19 53 8 9	4 0	21 56	0 57	10 29	5 26	0 56	0 24	10 26	1 3	7 41	2 8	4 56	0 37	14 44	1 47	22 58	12 54	20 15	20 16	21 21	9 7	5 34	
S 16	19 41 3 43	4 40	22 2	0 43	10 24	5 40	0 40	0 23	10 21	1 3	7 42	2 8	4 57	0 37	14 44	1 47	22 58	12 55	20 15	20 17	21 22	9 5	5 33	
M17	19 27 0s57	5 6	22 6	0 29	10 20	5 52	0 25	0 22	10 17	1 3	7 43	2 8	4 58	0 37	14 44	1 47	22 59	12 55	20 15	20 18	21 22	9 3	5 33	
T 18	19 14 5 42	5 17	22 9	0 16	10 17	6 5	0 9	0 21	10 12	1 3	7 45	2 9	4 59	0 37	14 45	1 47	22 59	12 55	20 15	20 18	21 22	9 1	5 33	
W19	19 0 10 17	5 11	22 9	0 3	10 14	6 17	0s 6	0 20	10 8	1 3	7 46	2 9	4 59	0 37	14 45	1 47	23 0	12 55	20 15	20 19	21 23	8 59	5 32	
T 20	18 46 14 27	4 47	22 6	0n10	10 13	6 28	0 21	0 20	10 3	1 3	7 47	2 9	5 0	0 37	14 45	1 47	23 1	12 55	20 15	20 20	21 23	8 56	5 32	
F 21	18 31 17 53	4 5	22 2	0 22	10 12	6 39	0 37	0 19	9 59	1 3	7 49	2 9	5 1	0 37	14 45	1 48	23 1	12 56	20 15	20 20	21 24	8 54	5 32	
S 22	18 17 20 16	3 6	21 55	0 33	10 12	6 50	0 53	0 18	9 54	1 3	7 50	2 9	5 2	0 37	14 45	1 48	23 2	12 56	20 15	20 21	21 24	8 52	5 31	
S 23	18 2 21 19	1 53	21 45	0 44	10 13	6 59	1 8	0 17	9 50	1 3	7 52	2 10	5 3	0 37	14 45	1 48	23 2	12 56	20 15	20 22	21 24	8 49	5 31	
M24	17 46 20 50	0 32	21 32	0 53	10 14	7 8	1 24	0 16	9 45	1 3	7 53	2 10	5 3	0 37	14 45	1 48	23 3	12 56	20 15	20 22	21 25	8 47	5	

SWISS EPHEMERIS for the year 1553

AUGUST 1553 JC

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T 1	21 16 10	17 ^h 43 ^m 09 ^s	15 ^h 15 ^m	13 ^h 47 ^m	7 ^h 42 ^m	9 ^h 09 ^m	9 ^h 08 ^m	14 ^h 37 ^m	14 ^h 32 ^m	15 ^h 23 ^m	1 ^h 12 ^m	29 ^h D38	28 ^h 45 ^m	9 ^h 49 ^m	23 ^h 43 ^m								
W 2	21 20 6	18 ^h 40 ^m 52 ^s	27 ^h 31 ^m	15 ^h 48 ^m	7 ^h 10 ^m	9 ^h 47 ^m	9 ^h 20 ^m	14 ^h 33 ^m	14 ^h 34 ^m	15 ^h 23 ^m	1 ^h 11 ^m	29 ^h 38 ^m	28 ^h 41 ^m	9 ^h 56 ^m	23 ^h 52 ^m								
T 3	21 24 3	19 ^h 38 ^m 36 ^s	9 ^h 32 ^m	17 ^h 50 ^m	6 ^h 39 ^m	10 ^h 26 ^m	9 ^h 33 ^m	14 ^h 29 ^m	14 ^h 37 ^m	15 ^h 24 ^m	1 ^h 10 ^m	29 ^h 39 ^m	28 ^h 38 ^m	10 ^h 2 ^m	24 ^h 0 ^m								
F 4	21 27 59	20 ^h 36 ^m 22 ^s	21 ^h 25 ^m	19 ^h 50 ^m	6 ^h 11 ^m	11 ^h 4 ^m	9 ^h 46 ^m	14 ^h 25 ^m	14 ^h 39 ^m	15 ^h 24 ^m	1 ^h 8 ^m	29 ^h 40 ^m	28 ^h 35 ^m	10 ^h 9 ^m	24 ^h 8 ^m								
S 5	21 31 56	21 ^h 34 ^m 10 ^s	3 ^h 13 ^m	21 ^h 50 ^m	5 ^h 44 ^m	11 ^h 42 ^m	9 ^h 58 ^m	14 ^h 21 ^m	14 ^h 42 ^m	15 ^h 24 ^m	1 ^h 7 ^m	29 ^h 42 ^m	28 ^h 32 ^m	10 ^h 16 ^m	24 ^h 16 ^m								
S 6	21 35 53	22 ^h 31 ^m 59 ^s	15 ^h 1 ^m	23 ^h 49 ^m	5 ^h 19 ^m	12 ^h 21 ^m	10 ^h 11 ^m	14 ^h 17 ^m	14 ^h 45 ^m	15 ^h 24 ^m	1 ^h 6 ^m	29 ^h 43 ^m	28 ^h 29 ^m	10 ^h 22 ^m	24 ^h 25 ^m								
M 7	21 39 49	23 ^h 29 ^m 50 ^s	26 ^h 53 ^m	25 ^h 47 ^m	4 ^h 57 ^m	12 ^h 59 ^m	10 ^h 24 ^m	14 ^h 13 ^m	14 ^h 47 ^m	15 ^h 24 ^m	1 ^h 5 ^m	29 ^h R44	28 ^h 26 ^m	10 ^h 29 ^m	24 ^h 33 ^m								
T 8	21 43 46	24 ^h 27 ^m 42 ^s	8 ^h 50 ^m	27 ^h 43 ^m	4 ^h 36 ^m	13 ^h 38 ^m	10 ^h 36 ^m	14 ^h 8 ^m	14 ^h 50 ^m	15 ^h 24 ^m	1 ^h 3 ^m	29 ^h 44 ^m	28 ^h 22 ^m	10 ^h 36 ^m	24 ^h 41 ^m								
W 9	21 47 42	25 ^h 25 ^m 36 ^s	20 ^h 57 ^m	29 ^h 39 ^m	4 ^h 18 ^m	14 ^h 16 ^m	10 ^h 49 ^m	14 ^h 4 ^m	14 ^h 53 ^m	15 ^h R24	1 ^h 2 ^m	29 ^h 42 ^m	28 ^h 19 ^m	10 ^h 42 ^m	24 ^h 50 ^m								
T 10	21 51 39	26 ^h 23 ^m 32 ^s	3 ^h 14 ^m	1 ^h 33 ^m	4 ^h 2 ^m	14 ^h 55 ^m	11 ^h 2 ^m	14 ^h 0 ^m	14 ^h 56 ^m	15 ^h 24 ^m	1 ^h 1 ^m	29 ^h 39 ^m	28 ^h 16 ^m	10 ^h 49 ^m	24 ^h 58 ^m								
F 11	21 55 35	27 ^h 21 ^m 29 ^s	15 ^h 44 ^m	3 ^h 26 ^m	3 ^h 49 ^m	15 ^h 34 ^m	11 ^h 15 ^m	13 ^h 56 ^m	14 ^h 58 ^m	15 ^h 24 ^m	1 ^h 0 ^m	29 ^h 36 ^m	28 ^h 13 ^m	10 ^h 56 ^m	25 ^h 6 ^m								
S 12	21 59 32	28 ^h 19 ^m 27 ^s	28 ^h 26 ^m	5 ^h 18 ^m	3 ^h 38 ^m	16 ^h 13 ^m	11 ^h 27 ^m	13 ^h 51 ^m	15 ^h 1 ^m	15 ^h 24 ^m	0 ^h 58 ^m	29 ^h 31 ^m	28 ^h 10 ^m	11 ^h 2 ^m	25 ^h 14 ^m								
S 13	22 3 28	29 ^h 17 ^m 27 ^s	11 ^h 22 ^m	7 ^h 8 ^m	3 ^h 29 ^m	16 ^h 52 ^m	11 ^h 40 ^m	13 ^h 47 ^m	15 ^h 4 ^m	15 ^h 24 ^m	0 ^h 57 ^m	29 ^h 26 ^m	28 ^h 6 ^m	11 ^h 9 ^m	25 ^h 23 ^m								
M14	22 7 25	0 ^h 15 ^m 28 ^s	24 ^h 31 ^m	8 ^h 57 ^m	3 ^h 23 ^m	17 ^h 31 ^m	11 ^h 53 ^m	13 ^h 43 ^m	15 ^h 7 ^m	15 ^h 24 ^m	0 ^h 56 ^m	29 ^h 22 ^m	28 ^h 3 ^m	11 ^h 16 ^m	25 ^h 31 ^m								
T 15	22 11 22	1 ^h 13 ^m 31 ^s	7 ^h 54 ^m	10 ^h 45 ^m	3 ^h 19 ^m	18 ^h 10 ^m	12 ^h 6 ^m	13 ^h 38 ^m	15 ^h 10 ^m	15 ^h 24 ^m	0 ^h 54 ^m	29 ^h 19 ^m	28 ^h 0 ^m	11 ^h 22 ^m	25 ^h 39 ^m								
W16	22 15 18	2 ^h 11 ^m 36 ^s	21 ^h 32 ^m	12 ^h 32 ^m	3 ^h D17	18 ^h 50 ^m	12 ^h 19 ^m	13 ^h 34 ^m	15 ^h 13 ^m	15 ^h 23 ^m	0 ^h 53 ^m	29 ^h 17 ^m	27 ^h 57 ^m	11 ^h 29 ^m	25 ^h 47 ^m								
T 17	22 19 15	3 ^h 9 ^m 41 ^s	5 ^h 25 ^m	14 ^h 17 ^m	3 ^h 18 ^m	19 ^h 29 ^m	12 ^h 32 ^m	13 ^h 29 ^m	15 ^h 16 ^m	15 ^h 23 ^m	0 ^h 52 ^m	29 ^h D16	27 ^h 54 ^m	11 ^h 36 ^m	25 ^h 56 ^m								
F 18	22 23 11	4 ^h 7 ^m 48 ^s	16 ^h 34 ^m	26 ^h 1 ^m	3 ^h 21 ^m	20 ^h 8 ^m	12 ^h 45 ^m	13 ^h 25 ^m	15 ^h 19 ^m	15 ^h 23 ^m	0 ^h 51 ^m	29 ^h 17 ^m	27 ^h 51 ^m	11 ^h 42 ^m	26 ^h 4 ^m								
S 19	22 27 8	5 ^h 5 ^m 57 ^s	3 ^h 50 ^m	17 ^h 44 ^m	3 ^h 26 ^m	20 ^h 48 ^m	12 ^h 57 ^m	13 ^h 20 ^m	15 ^h 22 ^m	15 ^h 23 ^m	0 ^h 49 ^m	29 ^h 19 ^m	27 ^h 47 ^m	11 ^h 49 ^m	26 ^h 12 ^m								
S 20	22 31 4	6 ^h 4 ^m 07 ^s	18 ^h 20 ^m	19 ^h 26 ^m	3 ^h 34 ^m	21 ^h 27 ^m	13 ^h 10 ^m	13 ^h 16 ^m	15 ^h 25 ^m	15 ^h 22 ^m	0 ^h 48 ^m	29 ^h 20 ^m	27 ^h 44 ^m	11 ^h 56 ^m	26 ^h 20 ^m								
M21	22 35 1	7 ^h 2 ^m 18 ^s	2 ^h 57 ^m	21 ^h 6 ^m	3 ^h 44 ^m	22 ^h 7 ^m	13 ^h 23 ^m	13 ^h 11 ^m	15 ^h 28 ^m	15 ^h 22 ^m	0 ^h 47 ^m	29 ^h R20	27 ^h 41 ^m	12 ^h 2 ^m	26 ^h 29 ^m								
T 22	22 38 57	8 ^h 0 ^m 32 ^s	17 ^h 36 ^m	22 ^h 46 ^m	3 ^h 55 ^m	22 ^h 47 ^m	13 ^h 36 ^m	13 ^h 6 ^m	15 ^h 31 ^m	15 ^h 22 ^m	0 ^h 46 ^m	29 ^h 19 ^m	27 ^h 38 ^m	12 ^h 9 ^m	26 ^h 37 ^m								
W23	22 42 54	8 ^h 58 ^m 46 ^s	2 ^h 16 ^m	24 ^h 24 ^m	4 ^h 9 ^m	23 ^h 27 ^m	13 ^h 49 ^m	13 ^h 2 ^m	15 ^h 35 ^m	15 ^h 21 ^m	0 ^h 44 ^m	29 ^h 16 ^m	27 ^h 35 ^m	12 ^h 15 ^m	26 ^h 45 ^m								
T 24	22 46 51	9 ^h 57 ^m 03 ^s	16 ^h 34 ^m	26 ^h 1 ^m	4 ^h 25 ^m	24 ^h 6 ^m	14 ^h 2 ^m	12 ^h 57 ^m	15 ^h 38 ^m	15 ^h 21 ^m	0 ^h 43 ^m	29 ^h 11 ^m	27 ^h 32 ^m	12 ^h 22 ^m	26 ^h 53 ^m								
F 25	22 50 47	10 ^h 55 ^m 21 ^s	0 ^h 41 ^m	27 ^h 37 ^m	4 ^h 43 ^m	24 ^h 46 ^m	14 ^h 15 ^m	12 ^h 53 ^m	15 ^h 41 ^m	15 ^h 20 ^m	0 ^h 42 ^m	29 ^h 5 ^m	27 ^h 28 ^m	12 ^h 29 ^m	27 ^h 1 ^m								
S 26	22 54 44	11 ^h 53 ^m 41 ^s	14 ^h 27 ^m	29 ^h 11 ^m	5 ^h 3 ^m	25 ^h 26 ^m	14 ^h 28 ^m	12 ^h 48 ^m	15 ^h 44 ^m	15 ^h 20 ^m	0 ^h 41 ^m	28 ^h 58 ^m	27 ^h 25 ^m	12 ^h 35 ^m	27 ^h 10 ^m								
S 27	22 58 40	12 ^h 52 ^m 03 ^s	27 ^h 50 ^m	0 ^h 45 ^m	5 ^h 25 ^m	26 ^h 7 ^m	14 ^h 41 ^m	12 ^h 43 ^m	15 ^h 48 ^m	15 ^h 19 ^m	0 ^h 39 ^m	28 ^h 51 ^m	27 ^h 22 ^m	12 ^h 42 ^m	27 ^h 18 ^m								
M28	23 2 37	13 ^h 50 ^m 28 ^s	10 ^h 48 ^m	2 ^h 17 ^m	5 ^h 48 ^m	26 ^h 47 ^m	14 ^h 54 ^m	12 ^h 39 ^m	15 ^h 51 ^m	15 ^h 18 ^m	0 ^h 38 ^m	28 ^h 45 ^m	27 ^h 19 ^m	12 ^h 49 ^m	27 ^h 26 ^m								
T 29	23 6 33	14 ^h 48 ^m 54 ^s	23 ^h 24 ^m	3 ^h 49 ^m	6 ^h 13 ^m	27 ^h 27 ^m	15 ^h 7 ^m	12 ^h 34 ^m	15 ^h 54 ^m	15 ^h 18 ^m	0 ^h 37 ^m	28 ^h 41 ^m	27 ^h 16 ^m	12 ^h 55 ^m	27 ^h 34 ^m								
W30	23 10 30	15 ^h 47 ^m 23 ^s	5 ^h 11 ^m	5 ^h 19 ^m	6 ^h 40 ^m	28 ^h 7 ^m	15 ^h 20 ^m	12 ^h 29 ^m	15 ^h 58 ^m	15 ^h 17 ^m	0 ^h 36 ^m	28 ^h 39 ^m	27 ^h 12 ^m	13 ^h 2 ^m	27 ^h 42 ^m								
T 31	23 14 26	16 ^h 45 ^m 54 ^s	17 ^h 11 ^m	6 ^h 48 ^m	7 ^h 8 ^m	28 ^h 48 ^m	15 ^h 33 ^m	12 ^h 25 ^m	16 ^h 1 ^m	15 ^h 16 ^m	0 ^h 34 ^m	28 ^h D38	27 ^h 9 ^m	13 ^h 9 ^m	27 ^h 50 ^m								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	15n34	11n35	5s 5	18n21	1n41	10n47	7s51	3s29	0n10	9n 8	1n 3	8s 5	2s11	5s11	0n37	14n46	1s48	23s 7	12s57	20n17	20n28	21n28	8n28	5s29
W 2	15 16 15	6 4 40	17 47	1 44 10	53 7 53	3 45 0	9 9 3	1 3 8	7 2 11	5 12 0	37 14 46	1 48 23	8 12 57	20 17 20	28 21 28	8 25 5	29 8 23	5 29 8	23 5 29					
T 3	14 58 17	56 4 3	17 12	1 45 11	0 7 54	4 1 0	8 8 58	1 3 8	9 2 12	5 13 0	37 14 46	1 48 23	9 12 57	20 16 20	29 21 28	8 23 5	29 8 23	5 29 8	23 5 29					
F 4	14 39 19	57 3 16	16 34	1 46 11	7 7 54	4 16 0	7 8 54	1 3 8	10 2 12	5 14 0	36 14 46	1 48 23	9 12 57	20 16 20	30 21 29	8 20 5	29 8 20	5 29 8	23 5 29					
S 5	14 21 21	6 2 21	15 56	1 46 11	14 7 53	4 32 0	7 8 49	1 3 8	12 2 12	5 15 0	36 14 46	1 48 23	10 12 58	20 16 20	30 21 29	8 18 5	28 8 18	5 28 8	23 5 28					
S 6	14 2 21	19 1 20	15 16	1 45 11	21 7 52	4 48 0	6 8 44	1 3 8	14 2 12	5 16 0	36 14 46	1 48 23	10 12 58	20 15 20	31 21 29	8 15 5	28 8 15	5 28 8	23 5 28					
M 7	13 43 20	34 0 16	14 36	1 44 11	28 7 49	5 4 0	5 8 39	1 3 8	16 2 12	5 17 0	36 14 46	1 49 23	11 12 58	20 15 20	32 21 30	8 12 5	28 8 12	5 28 8	23 5 28					

SWISS EPHEMERIS for the year 1553

SEPTEMBER 1553 JC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	23 18 23	17 ^h 44'27"	29 ^h 36'	8 ^h 16'	7 ^h 38'	29 ^h 28'	15 ^h 46'	12 ^h 20'	16 ^h 5'	15 ^h R16	0 ^h R33	28 ^h 39'	27 ^h 6'	13 ^h 15'	27 ^h 58'	
S 2	23 22 20	18 ^h 43'02"	11 ^h 24'	9 ^h 43'	8 ^h 10'	0 ^h M 9	15 ^h 59'	12 ^h 16'	16 ^h 8'	15 ^h 15'	0 ^h H32	28 ^h 40'	27 ^h 3'	13 ^h 22'	28 ^h 6'	
S 3	23 26 16	19 ^h 41'40"	23 ^h 13'	11 ^h 9'	8 ^h 42'	0 ^h 50'	16 ^h 12'	12 ^h 11'	16 ^h 11'	15 ^h 14'	0 ^h 31'	28 ^h R41	27 ^h 0'	13 ^h 29'	28 ^h 14'	
M 4	23 30 13	20 ^h 40'19"	5 ^h 8'	12 ^h 33'	9 ^h 17'	1 ^h 30'	16 ^h 25'	12 ^h 6'	16 ^h 15'	15 ^h 13'	0 ^h 30'	28 ^h 41'	26 ^h 57'	13 ^h 35'	28 ^h 22'	
T 5	23 34 9	21 ^h 39'01"	17 ^h 12'	13 ^h 57'	9 ^h 52'	2 ^h 11'	16 ^h 38'	12 ^h 2'	16 ^h 18'	15 ^h 13'	0 ^h 28'	28 ^h 39'	26 ^h 53'	13 ^h 42'	28 ^h 30'	
W 6	23 38 6	22 ^h 37'45"	29 ^h 29'	15 ^h 19'	10 ^h 29'	2 ^h 52'	16 ^h 51'	11 ^h 57'	16 ^h 22'	15 ^h 12'	0 ^h 27'	28 ^h 35'	26 ^h 50'	13 ^h 49'	28 ^h 38'	
T 7	23 42 2	23 ^h 36'31"	12 ^h 11'	16 ^h 40'	11 ^h 7'	3 ^h 33'	17 ^h 4'	11 ^h 53'	16 ^h 25'	15 ^h 11'	0 ^h 26'	28 ^h 28'	26 ^h 47'	13 ^h 55'	28 ^h 46'	
F 8	23 45 59	24 ^h 35'19"	24 ^h 50'	18 ^h 0'	11 ^h 46'	4 ^h 14'	17 ^h 17'	11 ^h 48'	16 ^h 29'	15 ^h 10'	0 ^h 25'	28 ^h 20'	26 ^h 44'	14 ^h 2'	28 ^h 54'	
S 9	23 49 55	25 ^h 34'09"	7 ^h 54'	19 ^h 18'	12 ^h 27'	4 ^h 55'	17 ^h 30'	11 ^h 44'	16 ^h 33'	15 ^h 9'	0 ^h 24'	28 ^h 10'	26 ^h 41'	14 ^h 8'	29 ^h 1'	
S 10	23 53 52	26 ^h 33'01"	21 ^h 13'	20 ^h 35'	13 ^h 8'	5 ^h 36'	17 ^h 43'	11 ^h 40'	16 ^h 36'	15 ^h 8'	0 ^h 23'	28 ^h 0'	26 ^h 37'	14 ^h 15'	29 ^h 9'	
M11	23 57 48	27 ^h 31'55"	4 ^h M45	21 ^h 51'	13 ^h 51'	6 ^h 18'	17 ^h 56'	11 ^h 35'	16 ^h 40'	15 ^h 7'	0 ^h 22'	27 ^h 50'	26 ^h 34'	14 ^h 22'	29 ^h 17'	
T 12	0 1 45	28 ^h 30'50"	18 ^h 27'	23 ^h 5'	14 ^h 34'	6 ^h 59'	18 ^h 9'	11 ^h 31'	16 ^h 43'	15 ^h 6'	0 ^h 20'	27 ^h 42'	26 ^h 31'	14 ^h 28'	29 ^h 25'	
W13	0 5 42	29 ^h 29'48"	2 ^h 17'	24 ^h 17'	15 ^h 19'	7 ^h 40'	18 ^h 22'	11 ^h 27'	16 ^h 47'	15 ^h 5'	0 ^h 19'	27 ^h 37'	26 ^h 28'	14 ^h 35'	29 ^h 32'	
T 14	0 9 38	0 ^h 28'48"	16 ^h 15'	25 ^h 28'	16 ^h 5'	8 ^h 22'	18 ^h 35'	11 ^h 22'	16 ^h 51'	15 ^h 4'	0 ^h 18'	27 ^h 34'	26 ^h 25'	14 ^h 42'	29 ^h 40'	
F 15	0 13 35	1 ^h 27'49"	0 ^h 17'	26 ^h 37'	16 ^h 51'	9 ^h 4'	18 ^h 47'	11 ^h 18'	16 ^h 54'	15 ^h 3'	0 ^h 17'	27 ^h D33	26 ^h 22'	14 ^h 48'	29 ^h 48'	
S 16	0 17 31	2 ^h 26'52"	14 ^h 25'	27 ^h 43'	17 ^h 38'	9 ^h 45'	19 ^h 0'	11 ^h 14'	16 ^h 58'	15 ^h 2'	0 ^h 16'	27 ^h 34'	26 ^h 18'	14 ^h 55'	29 ^h 55'	
S 17	0 21 28	3 ^h 25'57"	28 ^h 36'	28 ^h 48'	18 ^h 26'	10 ^h 27'	19 ^h 13'	11 ^h 10'	17 ^h 2'	15 ^h 0'	0 ^h 15'	27 ^h R34	26 ^h 15'	15 ^h 2'	0 ^h M 3	
M18	0 25 24	4 ^h 25'03"	12 ^h 49'	29 ^h 51'	19 ^h 15'	11 ^h 9'	19 ^h 26'	11 ^h 6'	17 ^h 5'	14 ^h 59'	0 ^h 14'	27 ^h 33'	26 ^h 12'	15 ^h 8'	0 ^h 10'	
T 19	0 29 21	5 ^h 24'11"	27 ^h 2'	0 ^h M51	20 ^h 5'	11 ^h 51'	19 ^h 39'	11 ^h 2'	17 ^h 9'	14 ^h 58'	0 ^h 13'	27 ^h 30'	26 ^h 9'	15 ^h 15'	0 ^h 18'	
W20	0 33 17	6 ^h 23'21"	11 ^h H11	1 ^h 48'	20 ^h 56'	12 ^h 32'	19 ^h 51'	10 ^h 58'	17 ^h 13'	14 ^h 57'	0 ^h 12'	27 ^h 24'	26 ^h 6'	15 ^h 22'	0 ^h 25'	
T 21	0 37 14	7 ^h 22'33"	25 ^h 13'	2 ^h 42'	21 ^h 47'	13 ^h 14'	20 ^h 4'	10 ^h 54'	17 ^h 17'	14 ^h 56'	0 ^h 11'	27 ^h 16'	26 ^h 3'	15 ^h 28'	0 ^h 32'	
F 22	0 41 11	8 ^h 21'47"	9 ^h Y 2	3 ^h 34'	22 ^h 39'	13 ^h 57'	20 ^h 17'	10 ^h 50'	17 ^h 20'	14 ^h 54'	0 ^h 10'	27 ^h 5'	25 ^h 59'	15 ^h 35'	0 ^h 40'	
S 23	0 45 7	9 ^h 21'03"	22 ^h 35'	4 ^h 22'	23 ^h 32'	14 ^h 39'	20 ^h 29'	10 ^h 46'	17 ^h 24'	14 ^h 53'	0 ^h 9'	26 ^h 53'	25 ^h 56'	15 ^h 42'	0 ^h 47'	
S 24	0 49 4	10 ^h 20'21"	5 ^h H49	5 ^h 6'	24 ^h 25'	15 ^h 21'	20 ^h 42'	10 ^h 43'	17 ^h 28'	14 ^h 52'	0 ^h 8'	26 ^h 41'	25 ^h 53'	15 ^h 48'	0 ^h 54'	
M25	0 53 0	11 ^h 19'41"	18 ^h 43'	5 ^h 45'	25 ^h 19'	16 ^h 3'	20 ^h 55'	10 ^h 39'	17 ^h 32'	14 ^h 50'	0 ^h 7'	26 ^h 30'	25 ^h 50'	15 ^h 55'	1 ^h 1'	
T 26	0 56 57	12 ^h 19'04"	1 ^h II17	6 ^h 21'	26 ^h 14'	16 ^h 46'	21 ^h 7'	10 ^h 35'	17 ^h 35'	14 ^h 49'	0 ^h 7'	26 ^h 22'	25 ^h 47'	16 ^h 1'	1 ^h 8'	
W27	1 0 53	13 ^h 18'29"	13 ^h 34'	6 ^h 51'	27 ^h 9'	17 ^h 28'	21 ^h 20'	10 ^h 32'	17 ^h 39'	14 ^h 48'	0 ^h 6'	26 ^h 16'	25 ^h 43'	16 ^h 8'	1 ^h 15'	
T 28	1 4 50	14 ^h 17'56"	25 ^h 36'	7 ^h 16'	28 ^h 5'	18 ^h 10'	21 ^h 32'	10 ^h 29'	17 ^h 43'	14 ^h 46'	0 ^h 5'	26 ^h 12'	25 ^h 40'	16 ^h 15'	1 ^h 22'	
F 29	1 8 46	15 ^h 17'26"	7 ^h 28'	7 ^h 35'	29 ^h 1'	18 ^h 53'	21 ^h 45'	10 ^h 25'	17 ^h 47'	14 ^h 45'	0 ^h 4'	26 ^h 11'	25 ^h 37'	16 ^h 21'	1 ^h 29'	
S 30	1 12 43	16 ^h 16'58"	19 ^h 216	7 ^h M47	29 ^h 58'	19 ^h M36	21 ^h 57'	10 ^h H22	17 ^h 50'	14 ^h 43'	0 ^h H 3	26 ^h 211	25 ^h 34	16 ^h 28	1 ^h M36	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
F 1	4n51	20n59	2s31	3s54	0s40	13n42	4s52	11s31	0s13	6n35	1n 3	9s 1	2s14	5s47	0n36	14n42
S 2	4 28 21	29 1 32	4 35 0	4 48 13	4 43 11	4 46 0	4 14 6	6 30 1	3 9 3	2 15 5	49 0	36 14	42 1	50 23	23 12	58 20
S 3	4 5 21	1 0 29	5 16 0	5 16 13	4 34 12	1 0 15	6 25 1	3 9 5	2 15 5	50 0	36 14	41 1	50 23	23 12	58 20	28 20
M 4	3 42 19	35 0n35	5 57 1	3 13 42	4 26 12	16 0 15	6 20 1	3 9 6	2 15 5	51 0	36 14	41 1	50 23	24 12	58 20	28 20
T 5	3 19 17	16 1 38	6 37 1	11 13 41	4 17 12	31 0 16	6 15 1	3 9 8	2 15 5	53 0	36 14	41 1	50 23	24 12	58 20	29 20
W 6	2 56 14	8 2 38	7 16 1	19 13 40	4 8 12	45 0 17	6 10 1	3 9 10	2 15 5	54 0	36 14	41 1	50 23	25 12	58 20	30 20
T 7	2 33 10	19 3 31	7 54 1	17 13 38	3 59 13	0 17 6	5 1 3	9 12	2 15 5	55 0	36 14	40 1	50 23	25 12	58 20	31 20
F 8	2 9 5	57 4 15	8 32 1	34 13 36	3 51 13	15 0 18	6 0 1	3 9 13	2 15 5	57 0	36 14	40 1	50 23	25 12	58 20	32 20
S 9	1 46 1	14 4 46	9 9 1	42 13 33	3 42 13	29 0 19	5 55 1	3 9 15	2 15 5	58 0	36 14	40 1	50 23	26 12	57 20	35 20
S 10	1 22 3	3s37	5 2 9	45 1 50	13 30 3	33 13 44	0 19 5	50 1 3	9 17 2	15 6 0	36 14	39 1	50 23	26 12	57 20	37 20
M11	0 59 8	23 5 2	10 20 1	57 13 26	3 25 13	58 0 20	5 45 1	3 9 18	2 15 6	1 0 36	14 39 1	50 23	26 12	57 20	39 20	53 21
T 12	0 36 12	47 4 45	10 55 2	4 13 22	3 16 14	12 0 21	5 40 1	3 9 20	2 15 6	2 0 36	14 39 1	50 23	26 12	57 20	40 20	54 21
W13	0 12 16	34 4 11	11 28 2	11 13 17	3 8 14	26 0 21	5 35 1	4 9 22	2 14 6	4 0 36	14 38 1	51 23	27 12	57 20	41 20	55 21
T 14	0s11	19 26 3	22 12 1	2 18 13	12 3 0	14 40 0	22 5 30	1 4 9	23 2 14	6 5 0	36 14	38 1	51 23	27 12	57 20	42 20
F 15	0 35 21	10 2 20	12 32 2	25 13 6	2 52 14	54 0 23	5 25 1	4 9 25	2 14 6	7 0 36	14 38 1	51 23	27 12	57 20	42 20	56 21
S 16	0 59 21	34 1 10	13 3 2	32 12 59	2 43 15	8 0 23	5 20 1	4 9 26	2 14 6	8 0 36	14 37 1	51 23	28 12	57 20	42 20	56 21
S 17	1 22 20	35 0s 6	13 32 2	38 12 52	2 35 15	22 0 24	5 15 1	4 9 28	2 14 6	10 0 35	14 37 1	51 23	28 12	56 20	42 20	57 21
M18	1 46 18	17 1 20	14 0 2	44 12 45	2 27 15	36 0 24	5 10 1	4 9 29	2 14 6	11 0 35	14 36 1	51 23	28 12	56 20	42 20	58 21
T 19	2 9 14	53 2 30	14 27 2	50 12 37	2 19 15	49 0 25	5 5 1	4 9 31	2 14 6	12 0 35	14 36 1					

SWISS EPHEMERIS for the year 1553

OCTOBER 1553 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	1 16 40	17 [♁] 16'32	1 [♁] 6	7 [♁] R53	0 [♁] 56	20 [♁] L18	22 [♁] 9	10 [♁] R19	17 [♁] 54	14 [♁] R42	0 [♁] R 2	26 [♁] R11	25 [♁] 31	16 [♁] 35	1 [♁] 43
M 2	1 20 36	18 [♁] 16'08	13 [♁] 0	7 [♁] L51	1 [♁] 54	21 [♁] 1	22 [♁] 22	10 [♁] 15	17 [♁] 58	14 [♁] 41	0 [♁] 1	26 [♁] 10	25 [♁] 28	16 [♁] 41	1 [♁] 50
T 3	1 24 33	19 [♁] 15'47	25 [♁] 9	7 [♁] 41	2 [♁] 52	21 [♁] 44	22 [♁] 34	10 [♁] 12	18 [♁] 2	14 [♁] 39	0 [♁] 1	26 [♁] 7	25 [♁] 24	16 [♁] 48	1 [♁] 57
W 4	1 28 29	20 [♁] 15'28	7 [♁] 33	7 [♁] 23	3 [♁] 51	22 [♁] 27	22 [♁] 46	10 [♁] 9	18 [♁] 6	14 [♁] 38	0 [♁] 0	26 [♁] 1	25 [♁] 21	16 [♁] 55	2 [♁] 3
T 5	1 32 26	21 [♁] 15'11	20 [♁] 16	6 [♁] 55	4 [♁] 51	23 [♁] 10	22 [♁] 58	10 [♁] 6	18 [♁] 9	14 [♁] 36	29 [♁] 59	25 [♁] 53	25 [♁] 18	17 [♁] 1	2 [♁] 10
F 6	1 36 22	22 [♁] 14'56	3 [♁] 20	6 [♁] 19	5 [♁] 51	23 [♁] 53	23 [♁] 11	10 [♁] 4	18 [♁] 13	14 [♁] 35	29 [♁] 59	25 [♁] 42	25 [♁] 15	17 [♁] 8	2 [♁] 16
S 7	1 40 19	23 [♁] 14'44	16 [♁] 45	5 [♁] 35	6 [♁] 51	24 [♁] 36	23 [♁] 23	10 [♁] 1	18 [♁] 17	14 [♁] 33	29 [♁] 58	25 [♁] 30	25 [♁] 12	17 [♁] 15	2 [♁] 23
S 8	1 44 15	24 [♁] 14'33	0 [♁] L28	4 [♁] 41	7 [♁] 52	25 [♁] 19	23 [♁] 35	9 [♁] 58	18 [♁] 21	14 [♁] 31	29 [♁] 57	25 [♁] 17	25 [♁] 8	17 [♁] 21	2 [♁] 29
M 9	1 48 12	25 [♁] 14'24	14 [♁] 27	3 [♁] 41	8 [♁] 53	26 [♁] 3	23 [♁] 47	9 [♁] 56	18 [♁] 24	14 [♁] 30	29 [♁] 57	25 [♁] 5	25 [♁] 5	17 [♁] 28	2 [♁] 35
T 10	1 52 8	26 [♁] 14'18	28 [♁] 35	2 [♁] 33	9 [♁] 55	26 [♁] 46	23 [♁] 59	9 [♁] 53	18 [♁] 28	14 [♁] 28	29 [♁] 56	24 [♁] 55	25 [♁] 2	17 [♁] 35	2 [♁] 42
W 11	1 56 5	27 [♁] 14'13	12 [♁] 49	1 [♁] 20	10 [♁] 57	27 [♁] 29	24 [♁] 11	9 [♁] 51	18 [♁] 32	14 [♁] 27	29 [♁] 56	24 [♁] 47	24 [♁] 59	17 [♁] 41	2 [♁] 48
T 12	2 0 2	28 [♁] 14'10	2 [♁] 3	0 [♁] 4	11 [♁] 59	28 [♁] 13	24 [♁] 22	9 [♁] 49	18 [♁] 36	14 [♁] 25	29 [♁] 55	24 [♁] 43	24 [♁] 56	17 [♁] 48	2 [♁] 54
F 13	2 3 58	29 [♁] 14'08	11 [♁] 16	28 [♁] 47	13 [♁] 2	28 [♁] 56	24 [♁] 34	9 [♁] 46	18 [♁] 39	14 [♁] 23	29 [♁] 54	24 [♁] 41	24 [♁] 53	17 [♁] 54	3 [♁] 0
S 14	2 7 55	0 [♁] L14'09	25 [♁] 24	27 [♁] 32	14 [♁] 5	29 [♁] 40	24 [♁] 46	9 [♁] 44	18 [♁] 43	14 [♁] 22	29 [♁] 54	24 [♁] 41	24 [♁] 49	18 [♁] 1	3 [♁] 6
S 15	2 11 51	1 [♁] 14'10	9 [♁] 27	26 [♁] 20	15 [♁] 8	0 [♁] 24	24 [♁] 58	9 [♁] 42	18 [♁] 47	14 [♁] 20	29 [♁] 53	24 [♁] 40	24 [♁] 46	18 [♁] 8	3 [♁] 12
M 16	2 15 48	2 [♁] 14'14	23 [♁] 24	25 [♁] 13	16 [♁] 12	1 [♁] 7	25 [♁] 9	9 [♁] 40	18 [♁] 51	14 [♁] 19	29 [♁] 53	24 [♁] 39	24 [♁] 43	18 [♁] 14	3 [♁] 18
T 17	2 19 44	3 [♁] 14'18	7 [♁] 16	24 [♁] 15	17 [♁] 16	1 [♁] 51	25 [♁] 21	9 [♁] 39	18 [♁] 54	14 [♁] 17	29 [♁] 53	24 [♁] 36	24 [♁] 40	18 [♁] 21	3 [♁] 23
W 18	2 23 41	4 [♁] 14'25	21 [♁] 0	23 [♁] 26	18 [♁] 20	2 [♁] 35	25 [♁] 32	9 [♁] 37	18 [♁] 58	14 [♁] 15	29 [♁] 52	24 [♁] 29	24 [♁] 37	18 [♁] 28	3 [♁] 29
T 19	2 27 37	5 [♁] 14'33	4 [♁] 35	22 [♁] 48	19 [♁] 25	3 [♁] 19	25 [♁] 44	9 [♁] 35	19 [♁] 2	14 [♁] 14	29 [♁] 52	24 [♁] 20	24 [♁] 34	18 [♁] 34	3 [♁] 35
F 20	2 31 34	6 [♁] 14'43	18 [♁] 0	22 [♁] 21	20 [♁] 30	4 [♁] 3	25 [♁] 55	9 [♁] 34	19 [♁] 5	14 [♁] 12	29 [♁] 51	24 [♁] 9	24 [♁] 30	18 [♁] 41	3 [♁] 40
S 21	2 35 31	7 [♁] 14'54	1 [♁] 12	22 [♁] 6	21 [♁] 35	4 [♁] 47	26 [♁] 6	9 [♁] 32	19 [♁] 9	14 [♁] 10	29 [♁] 51	23 [♁] 56	24 [♁] 27	18 [♁] 48	3 [♁] 46
S 22	2 39 27	8 [♁] 15'07	14 [♁] 9	22 [♁] D 3	22 [♁] 40	5 [♁] 31	26 [♁] 17	9 [♁] 31	19 [♁] 12	14 [♁] 9	29 [♁] 51	23 [♁] 43	24 [♁] 24	18 [♁] 54	3 [♁] 51
M 23	2 43 24	9 [♁] 15'22	26 [♁] 51	22 [♁] 10	23 [♁] 46	6 [♁] 15	26 [♁] 29	9 [♁] 30	19 [♁] 16	14 [♁] 7	29 [♁] 50	23 [♁] 31	24 [♁] 21	19 [♁] 1	3 [♁] 56
T 24	2 47 20	10 [♁] 15'39	9 [♁] 17	22 [♁] 29	24 [♁] 52	6 [♁] 59	26 [♁] 40	9 [♁] 29	19 [♁] 20	14 [♁] 5	29 [♁] 50	23 [♁] 21	24 [♁] 18	19 [♁] 8	4 [♁] 1
W 25	2 51 17	11 [♁] 15'58	21 [♁] 29	22 [♁] 56	25 [♁] 59	7 [♁] 44	26 [♁] 51	9 [♁] 28	19 [♁] 23	14 [♁] 3	29 [♁] 50	23 [♁] 14	24 [♁] 14	19 [♁] 14	4 [♁] 6
T 26	2 55 13	12 [♁] 16'19	3 [♁] 28	23 [♁] 33	27 [♁] 5	8 [♁] 28	27 [♁] 2	9 [♁] 27	19 [♁] 27	14 [♁] 2	29 [♁] 50	23 [♁] 10	24 [♁] 11	19 [♁] 21	4 [♁] 11
F 27	2 59 10	13 [♁] 16'42	15 [♁] 19	24 [♁] 18	28 [♁] 12	9 [♁] 12	27 [♁] 12	9 [♁] 26	19 [♁] 30	14 [♁] 0	29 [♁] 49	23 [♁] 8	24 [♁] 8	19 [♁] 27	4 [♁] 16
S 28	3 3 6	14 [♁] 17'06	27 [♁] 6	25 [♁] 10	29 [♁] 19	9 [♁] 57	27 [♁] 23	9 [♁] 25	19 [♁] 34	13 [♁] 58	29 [♁] 49	23 [♁] D 8	24 [♁] 5	19 [♁] 34	4 [♁] 21
S 29	3 7 3	15 [♁] 17'33	8 [♁] 54	26 [♁] 8	0 [♁] 26	10 [♁] 41	27 [♁] 34	9 [♁] 25	19 [♁] 37	13 [♁] 57	29 [♁] 49	23 [♁] 8	24 [♁] 2	19 [♁] 41	4 [♁] 26
M 30	3 11 0	16 [♁] 18'01	20 [♁] 49	27 [♁] 12	1 [♁] 34	11 [♁] 26	27 [♁] 44	9 [♁] 24	19 [♁] 41	13 [♁] 55	29 [♁] 49	23 [♁] R 8	23 [♁] 59	19 [♁] 47	4 [♁] 30
T 31	3 14 56	17 [♁] 18'31	2 [♁] 56	28 [♁] 20	2 [♁] 42	12 [♁] 11	27 [♁] 55	9 [♁] 24	19 [♁] 44	13 [♁] 53	29 [♁] 49	23 [♁] 7	23 [♁] 55	19 [♁] 54	4 [♁] 35

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	6s48	20n23	0n26	17s15	3s15	10n21	0s52	18s23	0s32	4n 7	1n 5	9s47	2s13	6s30	0n35	14n31	1s51	23s30	12s54	20n58	21n 5	21n40	5n43	5s32
M 2	7 11	18 21	1 28	17 11	3 12	10 7	0 46	18 35	0 33	4 2	1 5	9 48	2 13	6 31	0 35	14 30	1 51	23 30	12 54	20 58	21 6	21 40	5 41	5 32
T 3	7 33	15 29	2 27	17 2	3 6	9 52	0 39	18 47	0 33	3 57	1 5	9 49	2 13	6 33	0 35	14 30	1 51	23 31	12 54	20 59	21 6	21 40	5 38	5 32
W 4	7 56	11 51	3 20	16 50	3 0	9 37	0 33	18 58	0 34	3 53	1 5	9 50	2 13	6 34	0 35	14 30	1 51	23 31	12 53	21 0	21 7	21 40	5 35	5 33
T 5	8 19	7 37	4 5	16 33	2 51	9 21	0 27	19 10	0 35	3 48	1 5	9 51	2 13	6 35	0 35	14 29	1 51	23 31	12 53	21 1	21 8	21 40	5 33	5 33
F 6	8 41	2 55	4 38	16 12	2 41	9 4	0 20	19 21	0 35	3 43	1 6	9 52	2 13	6 37	0 35	14 29	1 51	23 31	12 53	21 3	21 8	21 40	5 30	5 33
S 7	9 3	2s 2	4 57	15 45	2 29	8 48	0 14	19 33	0 36	3 38	1 6	9 53	2 13	6 38	0 35	14 28	1 51	23 31	12 53	21 6	21 9	21 40	5 28	5 33
S 8	9 25	7 0	4 59	15 15	2 16	8 31	0 8	19 44	0 36	3 34	1 6	9 54	2 13	6 40	0 35	14 28	1 51	23 31	12 53	21 8	21 9	21 40	5 25	5 34
M 9	9 47	11 42	4 44	14 39	2 0	8 13	0 3	19 54	0 37	3 29	1 6	9 54	2 12	6 41	0 35	14 27	1 51	23 31	12 52	21 10	21 10	21 40	5 23	5 34
T 10	10 9	15 49	4 11	14 0	1 43	7 55	0n 3	20 5	0 37	3 24	1 6	9 55	2 12	6 43	0 35	14 27	1 51	23 31	12 52	21 12	21 11	21 40	5 20	5 34
W 11	10 31	19 3	3 22	13 17	1 25	7 37	0 9	20 16	0 38	3 20	1 6	9 56	2 12	6 44	0 35	14 26	1 51	23 31	12 52	21 13	21 11	21 40	5 18	5 35
T 12	10 52	21 7	2 20	12 32	1 5	7 18	0 14	20 26	0 38	3 15	1 6	9 57	2 12	6 46	0 35	14 26	1 51	23 31	12 52	21 14	21 12	21 40	5 15	5 35
F 13	11 14	21 51	1 10	11 46	0 45	6 59	0 19	20 36	0 39	3 11	1 6	9 57	2 12	6 47	0 35	14 25	1 51	23 31	12 51	21 14	21 12	21 40	5 13	5 35
S 14	11 35	21 10	0s 4	11 0	0 24	6 39	0 24	20 46	0 40	3 6	1 7	9 58	2 12	6 48	0 35	14 25	1 51	23 31	12 51	21 14	21 13	21 40	5 10	5 36
S 15	11 56	19 10	1 17	10 14	0 3	6 20	0 30	20 56	0 40	3 2	1 7	9 59	2 12	6 50	0 35	14 24	1 51	23 31	12 51	21 14	21 13	21 40	5 8	5 36
M 16	12 17	16 2	2 26	9 31	0n17	5 59	0 35	21 6	0 41	2 57	1 7	9 59	2 11	6 51	0 35</									

SWISS EPHEMERIS for the year 1553

NOVEMBER 1553 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	3 18 53	18♌19°03	15♍21	29♂32	3♊50	12♉55	28♎5	9°R23	19♏48	13°R52	29°R49	23°R 3	23♄52	20♄ 1	4♍39
T 2	3 22 49	19°19'37	28° 7	0♌48	4°58	13°40	28°15	9°H23	19°51	13♄50	29°R49	22♄57	23°49	20° 7	4°44
F 3	3 26 46	20°20'12	11♌17	2° 7	6° 6	14°25	28°26	9°D23	19°55	13°48	29°49	22°49	23°46	20°14	4°48
S 4	3 30 42	21°20'50	24°53	3°28	7°15	15°10	28°36	9°23	19°58	13°47	29°D49	22°39	23°43	20°21	4°52
S 5	3 34 39	22°21'28	8♌54	4°52	8°23	15°55	28°46	9°23	20° 1	13°45	29°49	22°29	23°40	20°27	4°56
M 6	3 38 35	23°22'09	23°14	6°17	9°32	16°40	28°56	9°24	20° 5	13°43	29°49	22°19	23°36	20°34	5° 0
T 7	3 42 32	24°22'51	7♉48	7°44	10°41	17°25	29° 6	9°24	20° 8	13°42	29°49	22°11	23°33	20°41	5° 4
W 8	3 46 29	25°23'34	22°29	9°12	11°51	18°10	29°15	9°24	20°11	13°40	29°49	22° 5	23°30	20°47	5° 8
T 9	3 50 25	26°24'19	7♉ 9	10°41	13° 0	18°55	29°25	9°25	20°15	13°38	29°49	22° 2	23°27	20°54	5°11
F 10	3 54 22	27°25'05	21°43	12°11	14°10	19°41	29°35	9°26	20°18	13°37	29°49	22°D 1	23°24	21° 1	5°15
S 11	3 58 18	28°25'51	6♉ 6	13°41	15°19	20°26	29°44	9°26	20°21	13°35	29°49	22° 1	23°20	21° 7	5°18
S 12	4 2 15	29°26'39	20°15	15°12	16°29	21°11	29°53	9°27	20°24	13°33	29°49	22° 2	23°17	21°14	5°22
M13	4 6 11	0♉27'28	4♌10	16°44	17°39	21°57	0♊ 2	9°28	20°27	13°32	29°50	22°R 2	23°14	21°20	5°25
T 14	4 10 8	1°28'17	17°51	18°16	18°49	22°42	0°12	9°29	20°30	13°30	29°50	22° 1	23°11	21°27	5°28
W15	4 14 4	2°29'07	1°V19	19°48	20° 0	23°28	0°21	9°31	20°33	13°29	29°50	21°57	23° 8	21°34	5°31
T 16	4 18 1	3°29'59	14°33	21°21	21°10	24°13	0°29	9°32	20°36	13°27	29°51	21°52	23° 5	21°40	5°34
F 17	4 21 58	4°30'51	27°34	22°53	22°21	24°59	0°38	9°33	20°39	13°25	29°51	21°44	23° 1	21°47	5°37
S 18	4 25 54	5°31'44	10♉24	24°26	23°31	25°44	0°47	9°35	20°42	13°24	29°51	21°36	22°58	21°54	5°40
S 19	4 29 51	6°32'38	23° 1	25°59	24°42	26°30	0°55	9°37	20°45	13°22	29°52	21°27	22°55	22° 0	5°42
M20	4 33 47	7°33'33	5♌26	27°32	25°53	27°16	1° 4	9°38	20°48	13°21	29°52	21°19	22°52	22° 7	5°45
T 21	4 37 44	8°34'29	17°39	29° 5	27° 4	28° 2	1°12	9°40	20°51	13°19	29°52	21°12	22°49	22°14	5°47
W22	4 41 40	9°35'26	29°43	0♉39	28°16	28°47	1°20	9°42	20°54	13°18	29°53	21° 8	22°46	22°20	5°49
T 23	4 45 37	10°36'24	11♄38	2°12	29°27	29°33	1°28	9°44	20°57	13°16	29°53	21° 5	22°42	22°27	5°51
F 24	4 49 34	11°37'24	23°27	3°45	0♌38	0♉19	1°36	9°46	20°59	13°15	29°54	21°D 5	22°39	22°34	5°53
S 25	4 53 30	12°38'24	5♌13	5°19	1°50	1° 5	1°44	9°49	21° 2	13°13	29°54	21° 6	22°36	22°40	5°55
S 26	4 57 27	13°39'25	17° 1	6°52	3° 1	1°51	1°51	9°51	21° 5	13°12	29°55	21° 8	22°33	22°47	5°57
M27	5 1 23	14°40'27	28°54	8°26	4°13	2°37	1°59	9°53	21° 7	13°11	29°56	21° 9	22°30	22°53	5°59
T 28	5 5 20	15°41'30	10♍59	10° 0	5°25	3°23	2° 6	9°56	21°10	13° 9	29°56	21°R10	22°26	23° 0	6° 0
W29	5 9 16	16°42'35	23°20	11°34	6°37	4°10	2°13	9°59	21°13	13° 8	29°57	21°10	22°23	23° 7	6° 2
T 30	5 13 13	17°43'40	6♉ 2	13♉ 7	7♌49	4♉56	2♉21	10♌ 1	21♉15	13♄ 7	29°57	21°D 9	22°20	23°13	6♍ 3

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	17s19	9n30	4n 1	9s15	2n14	0s 2	1n37	23s12	0s48	1n49	1n 9	10s 3	2s 9	7s13	0n35
T 2	17 36	4 59	4 37	9 44	2 11	0 27	1 40	23 18	0 49	1 45	1 9	10 3	2 9	7 14	0 35
F 3	17 52	0 6	4 58	10 15	2 7	0 51	1 43	23 24	0 49	1 41	1 10	10 3	2 9	7 15	0 35
S 4	18 8	4s56	5 4	10 47	2 3	1 16	1 45	23 29	0 50	1 38	1 10	10 3	2 8	7 17	0 35
S 5	18 24	9 53	4 52	11 19	1 58	1 41	1 48	23 35	0 50	1 34	1 10	10 3	2 8	7 18	0 35
M 6	18 40	14 24	4 22	11 52	1 53	2 6	1 50	23 40	0 50	1 30	1 10	10 3	2 8	7 19	0 35
T 7	18 55	18 9	3 34	12 26	1 47	2 31	1 52	23 45	0 51	1 26	1 10	10 2	2 8	7 20	0 35
W 8	19 9	20 46	2 32	13 0	1 41	2 56	1 55	23 49	0 51	1 22	1 10	10 2	2 8	7 22	0 36
T 9	19 24	21 59	1 19	13 33	1 35	3 21	1 57	23 53	0 52	1 19	1 11	10 2	2 8	7 23	0 36
F 10	19 38	21 43	0 2	14 7	1 29	3 47	1 58	23 58	0 52	1 15	1 11	10 1	2 7	7 24	0 36
S 11	19 51	20 0	1s15	14 41	1 22	4 12	2 0	24 1	0 53	1 12	1 11	10 1	2 7	7 25	0 36
S 12	20 5 17	4 2	2 26	15 14	1 15	4 37	2 2	24 5	0 53	1 8	1 11	10 0	2 7	7 26	0 36
M13	20 18	13 13	3 27	15 47	1 9	5 3	2 3	24 8	0 53	1 5	1 11	10 0	2 7	7 28	0 36
T 14	20 30	8 43	4 15	16 19	1 2	5 28	2 5	24 11	0 54	1 1	1 12	9 59	2 7	7 29	0 36
W15	20 42	3 53	4 48	16 51	0 55	5 53	2 6	24 14	0 54	0 58	1 12	9 58	2 7	7 30	0 36
T 16	20 54	1n 3	5 5	17 22	0 48	6 19	2 7	24 17	0 54	0 54	1 12	9 58	2 6	7 31	0 36
F 17	21 6	5 52	5 6	17 53	0 40	6 44	2 8	24 19	0 55	0 51	1 12	9 57	2 6	7 32	0 36
S 18	21 17	10 21	4 52	18 23	0 33	7 9	2 9	24 21	0 55	0 48	1 12	9 56	2 6	7 33	0 36
S 19	21 27	14 20	4 23	18 52	0 26	7 34	2 10	24 22	0 55	0 45	1 13	9 56	2 6	7 34	0 36
M20	21 37	17 37	3 42	19 21	0 19	7 59	2 11	24 24	0 56	0 41	1 13	9 55	2 6	7 35	0 36
T 21	21 47	20 5	2 51	19 48	0 12	8 24	2 12	24 25	0 56	0 38	1 13	9 54	2 5	7 36	0 36
W22	21 56	21 36	1 54	20 15	0 5	8 49	2 12	24 26	0 57	0 35	1 13	9 53	2 5	7 37	0 36
T 23	22 5 22	8 0	51 20	41 0s 2	9 14	2 13	24 27	0 57	0 32	1 14	9 52	2 5	7 38	0 36	
F 24	22 14	21 40	0n13	21 5	0 8	9 39	2 13	24 27	0 57	0 29	1 14	9 51	2 5	7 39	0 36
S 25	22 22	20 15	1 16	21 29	0 15	10 3	2 13	24 27	0 57	0 26	1 14	9 50	2 5	7 40	0 36
S 26	22 30	17 57	2 17	21 52	0 22	10 28	2 13	24 27	0 58	0 24	1 14	9 49	2 5	7 41	0 36
M27	22 37	14 53	3 12	22 14	0 28	10 52	2 13	24 26	0 58	0 21	1 14	9 48	2 4	7 42	0 36
T 28	22 44	11 9	4 0	22 35	0 35	11 16	2 13	24 26	0 58	0 18	1 15	9 47	2 4	7 43	0 36
W29	22 50	6 53	4 37	22 54	0 41	11 40	2 13	24 24	0 59	0 15	1 15	9 46	2 4	7 44	0 36
T 30	22s56	2n13	5n 2	23s13	0s47	12s 4	2n12	24s23	0s59	0n13	1n15	9s44	2s 4	7s45	0n36

Julian Day Number = 2288595.5, Delta T = 154.00 sec
 Ecliptic obliquity = 23°29'47", Nutation = - 0°00'17"
 Ayanamsha: Fagan/Bradley = 18°30'52", Lahiri = 17°37'52" Julian Calendar 1 Nov. 1553 == Greg. Calendar 11 Nov. 1553

SWISS EPHEMERIS for the year 1553

DECEMBER 1553 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	5 17 9	18°44'46"	19°59'9"	14°41'	9♁ 1	5♂42	2♁27	10♁ 4	21♁17	13°R 5	29♁58	21°R 6	22♁17	23♁20	6♁ 4
S 2	5 21 6	19°45'53"	2♁43	16°16'	10°13'	6°28'	2°34'	10° 7'	21°20'	13♁ 4	29°59'	21♁ 1	22°14'	23°27'	6° 5
S 3	5 25 3	20°47'01"	16°46'	17°50'	11°26'	7°15'	2°41'	10°10'	21°22'	13° 3'	29°59'	20°57'	22°11'	23°33'	6° 6
M 4	5 28 59	21°48'09"	1♁13	19°24'	12°38'	8° 1'	2°47'	10°13'	21°25'	13° 1'	0♁ 0	20°52'	22° 7'	23°40'	6° 7
T 5	5 32 56	22°49'18"	16° 1'	20°59'	13°51'	8°47'	2°54'	10°17'	21°27'	13° 0'	0° 1'	20°48'	22° 4'	23°47'	6° 8
W 6	5 36 52	23°50'28"	1♁ 1	22°34'	15° 3'	9°34'	3° 0'	10°20'	21°29'	12°59'	0° 2'	20°45'	22° 1'	23°53'	6° 9
T 7	5 40 49	24°51'38"	16° 5'	24° 9'	16°16'	10°20'	3° 6'	10°23'	21°31'	12°58'	0° 3'	20°D44	21°58'	24° 0'	6° 9
F 8	5 44 45	25°52'49"	1♁ 4	25°44'	17°28'	11° 7'	3°12'	10°27'	21°33'	12°57'	0° 4'	20°45'	21°55'	24° 7'	6°10
S 9	5 48 42	26°53'59"	15°50'	27°20'	18°41'	11°54'	3°18'	10°30'	21°36'	12°56'	0° 4'	20°46'	21°52'	24°13'	6°10
S 10	5 52 38	27°55'10"	0♁17	28°55'	19°54'	12°40'	3°23'	10°34'	21°38'	12°54'	0° 5'	20°47'	21°48'	24°20'	6°10
M11	5 56 35	28°56'20"	14°24'	0♁31	21° 7'	13°27'	3°29'	10°38'	21°40'	12°53'	0° 6'	20°48'	21°45'	24°27'	6°R10
T 12	6 0 32	29°57'31"	28° 9'	2° 7'	22°20'	14°13'	3°34'	10°42'	21°42'	12°52'	0° 7'	20°R49	21°42'	24°33'	6°10
W13	6 4 28	0♁58'41"	11°36'	3°44'	23°32'	15° 0'	3°39'	10°46'	21°43'	12°51'	0° 8'	20°49'	21°39'	24°40'	6°10
T 14	6 8 25	1°59'51"	24°36'	5°21'	24°46'	15°47'	3°44'	10°50'	21°45'	12°50'	0° 9'	20°47'	21°36'	24°46'	6° 9
F 15	6 12 21	3° 1'01"	7♁23	6°58'	25°59'	16°34'	3°49'	10°54'	21°47'	12°49'	0°10'	20°45'	21°32'	24°53'	6° 9
S 16	6 16 18	4° 2'11"	19°55'	8°35'	27°12'	17°21'	3°53'	10°58'	21°49'	12°48'	0°11'	20°43'	21°29'	25° 0'	6° 8
S 17	6 20 14	5° 3'21"	2♁14	10°13'	28°25'	18° 7'	3°58'	11° 3'	21°51'	12°48'	0°12'	20°40'	21°26'	25° 6'	6° 8
M18	6 24 11	6° 4'31"	14°24'	11°51'	29°38'	18°54'	4° 2'	11° 7'	21°52'	12°47'	0°13'	20°38'	21°23'	25°13'	6° 7
T 19	6 28 7	7° 5'40"	26°25'	13°29'	0♁51	19°41'	4° 6'	11°11'	21°54'	12°46'	0°14'	20°36'	21°20'	25°20'	6° 6
W20	6 32 4	8° 6'50"	8♁20	15° 8'	2° 5'	20°28'	4°10'	11°16'	21°55'	12°45'	0°15'	20°35'	21°17'	25°26'	6° 5
T 21	6 36 1	9° 7'59"	20°10'	16°47'	3°18'	21°15'	4°14'	11°21'	21°57'	12°44'	0°16'	20°D35	21°13'	25°33'	6° 4
F 22	6 39 57	10° 9'08"	1♁57	18°26'	4°31'	22° 2'	4°17'	11°25'	21°58'	12°43'	0°18'	20°35'	21°10'	25°40'	6° 3
S 23	6 43 54	11°10'18"	13°45'	20° 5'	5°45'	22°49'	4°21'	11°30'	22° 0'	12°43'	0°19'	20°36'	21° 7'	25°46'	6° 1
S 24	6 47 50	12°11'27"	25°35'	21°45'	6°58'	23°36'	4°24'	11°35'	22° 1'	12°42'	0°20'	20°36'	21° 4'	25°53'	6° 0
M25	6 51 47	13°12'35"	7♁31	23°24'	8°12'	24°23'	4°27'	11°40'	22° 2'	12°41'	0°21'	20°37'	21° 1'	26° 0'	5°58
T 26	6 55 43	14°13'44"	19°37'	25° 4'	9°25'	25°10'	4°30'	11°45'	22° 4'	12°41'	0°22'	20°38'	20°58'	26° 6'	5°57
W27	6 59 40	15°14'53"	1♁57	26°43'	10°39'	25°57'	4°33'	11°50'	22° 5'	12°40'	0°24'	20°39'	20°54'	26°13'	5°55
T 28	7 3 36	16°16'01"	14°34'	28°23'	11°53'	26°44'	4°35'	11°55'	22° 6'	12°40'	0°25'	20°R39	20°51'	26°20'	5°53
F 29	7 7 33	17°17'10"	27°34'	0♁ 2	13° 6'	27°32'	4°37'	12° 1'	22° 7'	12°39'	0°26'	20°39'	20°48'	26°26'	5°51
S 30	7 11 30	18°18'18"	10♁58	1°40'	14°20'	28°19'	4°40'	12° 6'	22° 8'	12°39'	0°27'	20°38'	20°45'	26°33'	5°49
S 31	7 15 26	19♁19'26"	24♁50	3♁18	15♁34	29♁ 6	4♁41	12♁11	22♁ 9	12♁38	0♁29	20♁38	20♁42	26♁39	5♁47

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	23s 1	2s41	5n13	23s30	0s53	12s27	2n12	24s22	0s59	0n10	1n15	9s43	2s 4	7s46	0n36	14n 3	1s51	23s17	12s38	21n50	21n39	21n34	3n46	5s58
S 2	23 6	7 38	5 7	23 46	0 59	12 50	2 11	24 20	1 0	0 8	1 16	9 42	2 4	7 47	0 36	14 2	1 51	23 17	12 38	21 51	21 39	21 34	3 45	5 58
S 3	23 10	12 22	4 42	24 1	1 5	13 13	2 11	24 18	1 0	0 5	1 16	9 41	2 3	7 48	0 36	14 2	1 51	23 16	12 38	21 52	21 40	21 34	3 44	5 59
M 4	23 15	16 33	3 59	24 15	1 11	13 36	2 10	24 15	1 0	0 3	1 16	9 39	2 3	7 49	0 36	14 2	1 51	23 16	12 38	21 52	21 40	21 33	3 43	5 59
T 5	23 18	19 47	2 59	24 27	1 16	13 58	2 9	24 12	1 0	0 1	1 16	9 38	2 3	7 50	0 36	14 1	1 51	23 15	12 37	21 53	21 41	21 33	3 43	6 0
W 6	23 21	21 43	1 46	24 38	1 21	14 20	2 9	24 9	1 1	0s 2	1 17	9 36	2 3	7 50	0 36	14 1	1 51	23 15	12 37	21 53	21 41	21 33	3 42	6 0
T 7	23 24	22 6	0 26	24 48	1 26	14 42	2 8	24 6	1 1	0 4	1 17	9 35	2 3	7 51	0 36	14 1	1 51	23 14	12 37	21 54	21 42	21 32	3 41	6 1
F 8	23 26	20 53	0s57	24 56	1 31	15 4	2 6	24 3	1 1	0 6	1 17	9 34	2 3	7 52	0 36	14 0	1 50	23 14	12 37	21 53	21 43	21 32	3 41	6 1
S 9	23 28	18 16	2 14	25 3	1 35	15 25	2 5	23 59	1 1	0 8	1 17	9 32	2 2	7 53	0 36	14 0	1 50	23 13	12 36	21 53	21 43	21 32	3 40	6 2
S 10	23 29	14 32	3 21	25 9	1 40	15 46	2 4	23 55	1 2	0 10	1 18	9 30	2 2	7 53	0 36	14 0	1 50	23 13	12 36	21 53	21 44	21 32	3 40	6 2
M11	23 30	10 4	4 15	25 13	1 44	16 6	2 3	23 50	1 2	0 12	1 18	9 29	2 2	7 54	0 36	13 59	1 50	23 12	12 36	21 53	21 44	21 31	3 39	6 2
T 12	23 30	5 12	4 52	25 16	1 47	16 26	2 1	23 46	1 2	0 14	1 18	9 27	2 2	7 55	0 36	13 59	1 50	23 12	12 36	21 53	21 45	21 31	3 39	6 3
W13	23 30	0 13	5 12	25 17	1 51	16 46	2 0	23 41	1 2	0 15	1 18	9 26	2 2	7 56	0 36	13 59	1 50	23 11	12 36	21 53	21 45	21 31	3 38	6 3
T 14	23 29	4n40	5 15	25 17	1 54	17 5	1 58	23 36	1 2	0 17	1 19	9 24	2 2	7 56	0 36	13 59	1 50	23 11	12 35	21 53	21 46	21 30	3 38	6 4
F 15	23 28	9 14	5 3	25 16	1 57	17 24	1 57	23 30	1 3	0 19	1 19	9 22	2 2	7 57	0 36	13 58	1 50	23 10	12 35	21 53	21 46	21 30	3 38	6 4
S 16	23 26	13 19	4 36	25 12	2 0	17 43	1 55	23 24	1 3	0 20	1 19	9 20	2 1	7 58	0 36	13 58	1 50	23 9	12 35	21 54	21 47	21 30	3 37	6 5
S 17	23 24	16 47	3 57	25 8	2 2	18 1	1 53	23 18	1 3	0 22	1 19	9 19	2 1	7 58	0 36	13 58	1 50	23 9	12 35	21 54	21 47	21 29	3 37	6 5
M18	23 21	19 29	3 7	25 1	2 4	18 18	1 52	23 12	1 3	0 23	1 20	9 17	2 1	7 59	0 36	13 58	1 50	23 8	12 34	21 54	21 48	21 29	3 37	6 6
T 19	23 18	21 17	2 10	24 53	2 5	18 35	1 50	23 5	1 3	0 25	1 20	9 15	2 1	7 59	0 36	13 58	1 50	23 8	12 34	21 55	21 48	21 29	3 37	6 6
W20	23 15	22 7	1 7	24 44	2 6	18 52	1 48	22 59	1 3	0 26	1 20	9 13	2 1	8 0	0 36	13 57	1 50	23 7	12 34	21 55	21 49	21 28	3 37	6 7
T 21	23 11	21 56	0 2	24 33	2 7	19 8	1 46	22 52	1 4	0 27	1 20	9 11	2 1	8 0	0 36	13 57	1 50	23 6	12 34	21 55	21 49	21 28	3 37	6 7
F 22	23 6	20 48	1n 3	24 20	2 8	19 24	1 44	22 44	1 4	0 29	1 21	9 9	2 1	8 1	0 36	13 57	1 50	23 6	12 34	21 55	21 50	21 27	3 37	6 8
S 23	23 2 18	44	2 5	24 5	2 7	19 39	1 41	22 37	1 4	0 30	1 21	9 7	2 0	8 1	0 36	13 57	1 50	23 5	12 33	21 55	21 50	21 27	3 37	6 8
S 24	22 56	15 53	3 3	23 49	2 7	19 54																		