

SWISS EPHEMERIS for the year 1517

JANUARY 1517 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	7 19 14	20 ³ 19'39	1 ⁸ 50	27 ² 35	3 ² 31	12 ⁸ 29	19°R38	24 ² 3	0 ⁸ 14	21 ² 2	2 ³ 16	16 ² 22	16 ² 16	21 ³ 22	19 ³ 39	
F 2	7 23 10	21°20'45	13°42	28° 6	4°34	12°48	19 ² 32	24°10	0°14	21° 4	2°18	16°22	16°13	21°28	19°44	
S 3	7 27 7	22°21'50	25°32	28°42	5°37	13° 8	19°26	24°16	0°14	21° 6	2°20	16°23	16°10	21°35	19°50	
S 4	7 31 3	23°22'54	7 ^{II} 26	29°24	6°40	13°28	19°19	24°23	0°14	21° 8	2°22	16°24	16° 6	21°42	19°55	
M 5	7 35 0	24°23'57	19°26	0 ³ 10	7°44	13°49	19°13	24°29	0°14	21°10	2°24	16°24	16° 3	21°48	20° 0	
T 6	7 38 57	25°24'59	1 ³ 36	1° 0	8°48	14°10	19° 6	24°36	0°15	21°12	2°26	16°25	16° 0	21°55	20° 6	
W 7	7 42 53	26°26'01	13°57	1°54	9°52	14°32	18°59	24°42	0°15	21°14	2°28	16°R25	15°57	22° 2	20°11	
T 8	7 46 50	27°27'01	26°33	2°51	10°57	14°53	18°52	24°48	0°16	21°16	2°30	16°25	15°54	22° 8	20°17	
F 9	7 50 46	28°28'01	9 ² 23	3°51	12° 1	15°15	18°45	24°55	0°16	21°18	2°32	16°24	15°50	22°15	20°22	
S 10	7 54 43	29°29'00	22°27	4°54	13° 6	15°38	18°38	25° 1	0°17	21°21	2°34	16°23	15°47	22°22	20°27	
S 11	7 58 39	0 ² 29'58	5 ^{III} 45	6° 0	14°12	16° 1	18°31	25° 7	0°17	21°23	2°36	16°21	15°44	22°29	20°33	
M12	8 2 36	1°30'55	19°15	7° 7	15°17	16°24	18°24	25°13	0°18	21°25	2°38	16°19	15°41	22°35	20°38	
T 13	8 6 32	2°31'51	2 ⁴ 58	8°17	16°23	16°47	18°17	25°19	0°19	21°27	2°40	16°17	15°38	22°42	20°43	
W14	8 10 29	3°32'47	16°50	9°29	17°29	17°11	18° 9	25°25	0°20	21°29	2°42	16°16	15°35	22°49	20°49	
T 15	8 14 26	4°33'42	0 ^{III} 52	10°43	18°35	17°35	18° 2	25°31	0°20	21°31	2°44	16°D15	15°31	22°55	20°54	
F 16	8 18 22	5°34'36	15° 1	11°58	19°42	17°59	17°54	25°37	0°21	21°34	2°45	16°15	15°28	23° 2	20°59	
S 17	8 22 19	6°35'30	29°16	13°14	20°49	18°23	17°46	25°43	0°22	21°36	2°47	16°16	15°25	23° 9	21° 5	
S 18	8 26 15	7°36'23	13 ² 34	14°33	21°55	18°48	17°39	25°49	0°23	21°38	2°49	16°17	15°22	23°15	21°10	
M19	8 30 12	8°37'14	27°52	15°52	23° 2	19°13	17°31	25°55	0°24	21°40	2°51	16°19	15°19	23°22	21°15	
T 20	8 34 8	9°38'05	12 ³ 7	17°13	24°10	19°39	17°23	26° 1	0°25	21°43	2°53	16°R20	15°16	23°29	21°20	
W21	8 38 5	10°38'55	26°15	18°35	25°17	20° 4	17°15	26° 6	0°26	21°45	2°55	16°19	15°12	23°35	21°26	
T 22	8 42 2	11°39'44	10 ³ 12	19°58	26°25	20°30	17° 7	26°12	0°28	21°47	2°56	16°18	15° 9	23°42	21°31	
F 23	8 45 58	12°40'31	23°53	21°22	27°32	20°57	17° 0	26°18	0°29	21°49	2°58	16°15	15° 6	23°49	21°36	
S 24	8 49 55	13°41'17	7 ^{III} 17	22°47	28°40	21°23	16°52	26°23	0°30	21°52	3° 0	16°11	15° 3	23°56	21°41	
S 25	8 53 51	14°42'01	20°20	24°13	29°48	21°50	16°44	26°29	0°31	21°54	3° 1	16° 6	15° 0	24° 2	21°46	
M26	8 57 48	15°42'44	3 ^{IV} 5	25°40	0 ³ 57	22°16	16°36	26°34	0°33	21°56	3° 3	16° 1	14°56	24° 9	21°51	
T 27	9 1 44	16°43'25	15°31	27° 9	2° 5	22°43	16°28	26°39	0°34	21°58	3° 5	15°57	14°53	24°16	21°56	
W28	9 5 41	17°44'04	27°42	28°38	3°13	23°11	16°20	26°45	0°36	22° 1	3° 6	15°53	14°50	24°22	22° 1	
T 29	9 9 37	18°44'42	9 ^{IV} 41	0 ² 8	4°22	23°38	16°12	26°50	0°37	22° 3	3° 8	15°51	14°47	24°29	22° 6	
F 30	9 13 34	19°45'18	21°34	1°39	5°31	24° 6	16° 4	26°55	0°39	22° 5	3°10	15°D51	14°44	24°36	22°11	
S 31	9 17 30	20°45'52	3 ^{II} 24	3 ^{III} 11	6°30	24°34	15°56	27° 0	0°40	22° 7	3°11	15°52	14°41	24°42	22°16	

Day	☉	☽	♀	♁	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	21s58	7n21	5s 6	21s 1	2n28	17s32	3n27	17n16	1n43	15n55	1n 0	22s17	1n 5	11n 8	0s29	14s58	0s28	19s54	3n35	22n30	22n30	14n 5	15s41	6n26
F 2	21 48	11 30	4 42	21 11	2 19	17 45	3 25	17 22	1 44	15 57	1 0	22 18	1 5	11 8	0 29	14 58	0 28	19 54	3 35	22 30	22 31	14 7	15 40	6 26
S 3	21 38	15 12	4 6	21 21	2 9	17 58	3 23	17 29	1 44	15 59	1 0	22 18	1 5	11 8	0 29	14 57	0 28	19 54	3 35	22 30	22 31	14 9	15 39	6 26
S 4	21 28	18 19	3 20	21 31	1 59	18 10	3 21	17 35	1 45	16 1	1 1	22 18	1 5	11 8	0 29	14 56	0 28	19 54	3 35	22 30	22 32	14 11	15 39	6 26
M 5	21 18	20 41	2 24	21 41	1 49	18 23	3 19	17 42	1 45	16 4	1 1	22 19	1 5	11 8	0 29	14 56	0 28	19 54	3 35	22 29	22 32	14 13	15 38	6 27
T 6	21 7	22 8	1 21	21 51	1 39	18 35	3 17	17 48	1 45	16 6	1 1	22 19	1 5	11 8	0 29	14 55	0 28	19 54	3 35	22 29	22 32	14 16	15 37	6 27
W 7	20 55	22 32	0 14	22 0	1 29	18 46	3 15	17 55	1 46	16 8	1 1	22 19	1 5	11 8	0 29	14 54	0 28	19 54	3 35	22 29	22 33	14 18	15 36	6 27
T 8	20 43	21 49	0m56	22 9	1 19	18 58	3 13	18 2	1 46	16 11	1 1	22 19	1 5	11 9	0 29	14 54	0 28	19 54	3 35	22 29	22 33	14 20	15 35	6 27
F 9	20 31	19 56	2 4	22 17	1 9	19 9	3 10	18 9	1 46	16 13	1 2	22 20	1 5	11 9	0 29	14 53	0 28	19 54	3 35	22 29	22 34	14 22	15 35	6 27
S 10	20 19	17 0	3 6	22 25	1 0	19 19	3 8	18 16	1 46	16 15	1 2	22 20	1 5	11 9	0 29	14 52	0 28	19 54	3 35	22 30	22 34	14 24	15 34	6 27
S 11	20 6	13 9	4 0	22 32	0 50	19 30	3 5	18 22	1 47	16 18	1 2	22 20	1 5	11 9	0 29	14 52	0 28	19 54	3 35	22 30	22 34	14 27	15 33	6 27
M12	19 52	8 34	4 41	22 38	0 41	19 40	3 2	18 29	1 47	16 20	1 2	22 20	1 5	11 10	0 29	14 51	0 28	19 54	3 35	22 30	22 35	14 29	15 32	6 27
T 13	19 39	3 31	5 7	22 43	0 31	19 49	3 0	18 36	1 47	16 23	1 2	22 21	1 5	11 10	0 29	14 50	0 28	19 54	3 35	22 30	22 35	14 31	15 31	6 27
W14	19 25	1s46	5 16	22 48	0 22	19 59	2 57	18 43	1 47	16 25	1 2	22 21	1 5	11 10	0 29	14 50	0 28	19 54	3 35	22 31	22 35	14 33	15 30	6 27
T 15	19 10	7 2	5 6	22 51	0 13	20 7	2 54	18 50	1 48	16 28	1 3	22 21	1 5	11 10	0 29	14 49	0 28	19 54	3 35	22 31	22 36	14 35	15 29	6 27
F 16	18 56	11 58	4 37	22 53	0 4	20 16	2 51	18 57	1 48	16 30	1 3	22 21	1 5	11 11	0 29	14 48	0 28	19 54	3 35	22 31	22 36	14 38	15 28	6 28
S 17	18 40	16 17	3 51	22 55	0s 4	20 24	2 48	19 4	1 48	16 33	1 3	22 21	1 5	11 11	0 29	14 47	0 28	19 54	3 34	22 30	22 36	14 40	15 27	6 28
S 18	18 25	19 40	2 51	22 55	0 13	20 31	2 44	19 11	1 48	16 35	1 3	22 22	1 5	11 12	0 28	14 47	0 28	19 54	3 34	22 30	22 37	14 42	15 27	6 28
M19	18 9	21 49	1 40	22 54	0 21	20 38	2 41	19 19	1 48	16 38	1 3	22 22	1 5	11 12	0 28	14 46	0 28	19 54	3 34	22 30	22 37	14 44	15 26	6 28
T 20	17 53	22 34	0 23	22 52	0 29	20 45	2 38	19 26	1 48	16 40	1 3	22 22	1 5	11 12	0 28	14 45	0 28	19 54	3 34	22 30	22 38	14 46	15 25	6 28
W21	17 37	21 51	0s54	22 48	0 36	20 51	2 34	19 33	1 48	16 43	1 3	22 22	1 5	11 13	0 28	14 45	0 28	19 54	3 34	22 30	22 38	14 48	15 24	6 28
T 22	17 20	19 47	2 7	22 44	0 44	20 56	2 31	19 40	1 48	16 45	1 4	22 22	1 5	11 13	0 28	14 44	0 28	19 54	3 34	22 30	22 38	14 51	15 23	6 28
F 23	17 3	16 36	3 12	22 38	0 51	21 1	2 27	19 47	1 49	16 48	1 4	22 22	1 5	11 14	0 28	14 43	0 28	19 54	3 34	22 31	22 39	14 53	15 22	6 29
S 24	16 46	12 38	4 4	22 31	0 57	21 6	2 24	19 54	1 49	16 50	1 4	22 23	1 5	11 14	0 28	14 42	0 28	19 54	3 34	22 31	22 39	14 55	15 21	6 29
S 25	16 28	8 9	4 42	22 23	1 4	21 10	2 20	20 1	1 49	16 53	1 4	22 23	1 5	11 15	0 28	14 42	0 28	19 54	3 34	22 32	22 39	14 57	15 20	6 29
M26	16 10	3 26	5 5	22 13	1 10	21 13	2 17	20 8	1 49	16 55	1 4	22 23	1 5	11 15	0 28	14 41	0 28	19 54	3 34	22 32	22 40	14 59	15 19	6 29
T 27	15 52	1n19	5 13	22 2	1 16	21 16	2 13	20 15	1 49	16 58	1 4	22 23	1 5	11 16	0 28	14 40	0 29	19 54	3 34	22 33	22 40	15 1	15 18	6 29
W28	15 33	5 55	5 6	21																				

SWISS EPHEMERIS for the year 1517

FEBRUARY 1517 JC

00:00 UT

Table with 16 columns representing celestial coordinates and symbols (Day, Sid.t, ☉, ☽, ♀, ♁, ♂, ♃, ♅, ♁, ♃, ♄, ♆, ♁, ♄, ♅) for days S 1 to S 28.

Table with 23 columns representing celestial coordinates and symbols (Day, ☉, ☽, ♀, ♁, ♂, ♃, ♅, ♁, ♃, ♄, ♆, ♁, ♄, ♅) for days S 1 to S 28, including decl and lat sub-columns.

Julian Day Number = 2275173.5, Delta T = 182.84 sec
Ecliptic obliquity = 23°30'05, Nutation = - 0°00'15
Ayanamsha: Fagan/Bradley = 18°00'08, Lahiri = 17°07'08 Julian Calendar 1 Feb. 1517 == Greg. Calendar 11 Feb. 1517

SWISS EPHEMERIS for the year 1517

MARCH 1517 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	11 11 51	19℞49'53	23♐5	24℞43	10℞37	9♐12	12°R39	28♐56	18♏46	23℞12	3♐46	13°D57	13♐8	27♐56	24♐22
M 2	11 15 47	20°49'33	5♐5	26°43	11°49	9°44	12♐34	28°58	1°48	23°14	3°47	13°58	13°5	28°3	24°26
T 3	11 19 44	21°49'10	17°19	28°43	13°0	10°16	12°29	29°1	1°51	23°16	3°48	13°R58	13°2	28°10	24°30
W 4	11 23 40	22°48'45	29°51	0♐43	14°11	10°49	12°25	29°4	1°54	23°18	3°49	13°57	12°59	28°16	24°33
T 5	11 27 37	23°48'17	12♐46	2°42	15°23	11°21	12°20	29°6	1°57	23°20	3°49	13°53	12°56	28°23	24°37
F 6	11 31 33	24°47'47	26°5	4°41	16°34	11°53	12°16	29°8	2°0	23°22	3°50	13°47	12°53	28°30	24°40
S 7	11 35 30	25°47'15	9♐50	6°39	17°46	12°26	12°12	29°11	2°3	23°24	3°51	13°39	12°49	28°36	24°43
S 8	11 39 26	26°46'41	23°57	8°35	18°57	12°59	12°8	29°13	2°6	23°26	3°51	13°28	12°46	28°43	24°47
M 9	11 43 23	27°46'05	8♐23	10°30	20°9	13°31	12°4	29°15	2°9	23°28	3°52	13°17	12°43	28°50	24°50
T 10	11 47 19	28°45'27	23°1	12°22	21°21	14°4	12°1	29°17	2°12	23°30	3°52	13°6	12°40	28°56	24°53
W 11	11 51 16	29°44'47	7♐42	14°12	22°32	14°37	11°57	29°19	2°15	23°32	3°53	12°57	12°37	29°3	24°56
T 12	11 55 13	0♐44'05	22°19	15°59	23°44	15°10	11°54	29°21	2°18	23°34	3°53	12°50	12°33	29°10	24°59
F 13	11 59 9	1°43'21	6♐48	17°42	24°56	15°43	11°51	29°22	2°21	23°36	3°54	12°45	12°30	29°17	25°2
S 14	12 3 6	2°42'35	21°3	19°22	26°7	16°16	11°48	29°24	2°24	23°38	3°54	12°44	12°27	29°23	25°5
S 15	12 7 2	3°41'48	5♐4	20°57	27°19	16°49	11°45	29°25	2°27	23°39	3°55	12°43	12°24	29°30	25°8
M 16	12 10 59	4°40'59	18°50	22°28	28°31	17°23	11°43	29°27	2°30	23°41	3°55	12°43	12°21	29°37	25°11
T 17	12 14 55	5°40'08	2♐22	23°53	29°43	17°56	11°40	29°28	2°33	23°43	3°55	12°42	12°18	29°43	25°13
W 18	12 18 52	6°39'16	15°42	25°14	0♐55	18°29	11°38	29°29	2°36	23°45	3°55	12°39	12°14	29°50	25°16
T 19	12 22 48	7°38'21	28°50	26°29	2°7	19°3	11°36	29°31	2°40	23°47	3°56	12°33	12°11	29°57	25°18
F 20	12 26 45	8°37'25	11♐46	27°39	3°19	19°36	11°34	29°32	2°43	23°48	3°56	12°24	12°8	0♐3	25°21
S 21	12 30 42	9°36'27	24°32	28°42	4°31	20°10	11°33	29°33	2°46	23°50	3°56	12°12	12°5	0°10	25°23
S 22	12 34 38	10°35'26	7♐7	29°40	5°43	20°44	11°31	29°33	2°49	23°52	3°56	11°59	12°2	0°17	25°26
M 23	12 38 35	11°34'24	19°30	0♐31	6°55	21°17	11°30	29°34	2°53	23°54	3°56	11°45	11°59	0°23	25°28
T 24	12 42 31	12°33'19	18°43	1°16	8°7	21°51	11°29	29°35	2°56	23°55	3°57	11°31	11°55	0°30	25°30
W 25	12 46 28	13°32'13	13°46	1°54	9°19	22°25	11°28	29°35	2°59	23°57	3°57	11°20	11°52	0°37	25°32
T 26	12 50 24	14°31'04	25°41	2°26	10°31	22°59	11°28	29°36	3°3	23°58	3°57	11°10	11°49	0°43	25°35
F 27	12 54 21	15°29'53	7♐30	2°51	11°43	23°33	11°27	29°36	3°6	24°0	3°R57	11°4	11°46	0°50	25°37
S 28	12 58 17	16°28'40	19°18	3°10	12°56	24°7	11°27	29°36	3°9	24°2	3°57	11°0	11°43	0°57	25°38
S 29	13 2 14	17°27'25	1♐8	3°22	14°8	24°41	11°D27	29°36	3°13	24°3	3°57	10°59	11°39	1°3	25°40
M 30	13 6 11	18°26'08	13°7	3°R28	15°20	25°15	11°27	29°R36	3°16	24°5	3°57	10°59	11°36	1°10	25°42
T 31	13 10 7	19°24'48	25♐18	3°R28	16°32	25°49	11°Q27	29°R36	3°R19	24°6	3°56	10°59	11°33	1°17	25°44

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat						
S 1	4s 2	21n30	1s49	3s 0	0s59	17s33	0n 4	23n38	1n46	18n 6	1n 5	22s24	1n 5	11n41	0s27	14s17	0s29	19s53	3n34	22n46	22n51	16n11	14s44	6n40	
M 2	3 39	22 37	0 47	2 5	0 50	17 17	0 0	23 43	1 46	18 7	1 5	22 24	1 6	11 42	0 27	14 16	0 29	19 53	3 34	22 46	22 51	16 13	14 43	6 40	
T 3	3 15	22 40	0n18	1 8	0 41	17 0	0s 3	23 47	1 46	18 8	1 5	22 24	1 6	11 43	0 27	14 15	0 29	19 53	3 34	22 46	22 52	16 15	14 42	6 41	
W 4	2 52	21 36	1 24	0 11	0 31	16 43	0 7	23 52	1 46	18 10	1 5	22 24	1 6	11 44	0 27	14 15	0 29	19 53	3 34	22 46	22 52	16 18	14 41	6 41	
T 5	2 28	19 22	2 27	0n46	0 20	16 26	0 10	23 56	1 46	18 11	1 5	22 24	1 6	11 45	0 27	14 14	0 29	19 53	3 34	22 47	22 52	16 20	14 40	6 42	
F 6	2 4	16 3	3 24	1 43	0 10	16 8	0 14	24 1	1 45	18 12	1 5	22 24	1 6	11 46	0 27	14 13	0 29	19 53	3 34	22 47	22 53	16 22	14 39	6 42	
S 7	1 41	11 46	4 11	2 40	0n 2	15 49	0 17	24 5	1 45	18 13	1 5	22 24	1 6	11 47	0 27	14 13	0 29	19 53	3 34	22 48	22 53	16 24	14 38	6 42	
S 8	1 17	6 45	4 44	3 37	0 13	15 30	0 20	24 9	1 45	18 14	1 5	22 24	1 6	11 48	0 27	14 12	0 29	19 53	3 34	22 49	22 53	16 26	14 37	6 43	
M 9	0 53	1 16	5 0	4 33	0 25	15 11	0 24	24 13	1 45	18 15	1 5	22 24	1 6	11 49	0 27	14 11	0 29	19 53	3 34	22 50	22 54	16 28	14 36	6 43	
T 10	0 30	4s22	4 57	5 28	0 37	14 51	0 27	24 17	1 44	18 16	1 4	22 24	1 6	11 51	0 27	14 11	0 29	19 53	3 34	22 51	22 54	16 30	14 35	6 44	
W 11	0 6	9 47	4 34	6 22	0 49	14 31	0 30	24 20	1 44	18 17	1 4	22 24	1 6	11 52	0 27	14 10	0 29	19 53	3 34	22 52	22 54	16 32	14 34	6 44	
T 12	0n18	14 38	3 53	7 15	1 14	10 0	0 33	24 24	1 44	18 18	1 4	22 24	1 6	11 53	0 27	14 10	0 29	19 53	3 34	22 53	22 54	16 34	14 33	6 45	
F 13	0 41	18 35	2 58	8 6	1 13	13 49	0 36	24 27	1 44	18 19	1 4	22 24	1 6	11 54	0 27	14 9	0 29	19 52	3 34	22 53	22 55	16 36	14 32	6 45	
S 14	1 5	21 20	1 52	8 55	1 25	13 27	0 39	24 31	1 44	18 19	1 4	22 24	1 6	11 55	0 27	14 8	0 29	19 52	3 34	22 53	22 55	16 38	14 31	6 46	
S 15	1 28	22 44	0 40	9 42	1 37	13 6	0 42	24 34	1 43	18 20	1 4	22 24	1 6	11 56	0 27	14 8	0 29	19 52	3 34	22 53	22 55	16 40	14 30	6 46	
M 16	1 52	22 42	0s32	10 26	1 48	12 43	0 45	24 37	1 43	18 21	1 4	22 24	1 6	11 57	0 27	14 7	0 29	19 52	3 34	22 53	22 56	16 42	14 29	6 47	
T 17	2 15	21 20	1 42	11 9	1 59	12 21	0 48	24 40	1 43	18 21	1 4	22 24	1 6	11 58	0 27	14 7	0 29	19 52	3 34	22 54	22 56	16 44	14 28	6 47	
W 18	2 39	18 48	2 45	11 48	2 10	11 58	0 51	24 42	1 43	18 22	1 4	22 24	1 6	11 59	0 27	14 6	0 29	19 52	3 34	22 54	22 56	16 46	14 27	6 48	
T 19	3 2	15 19	3 38	12 25	2 20	11 35	0 53	24 45	1 42	18 22	1 4	22 24	1 6	12 0	0 27	14 5	0 29	19 52	3 34	22 54	22 56	16 48	14 26	6 48	
F 20	3 26	11 9	4 19	12 58	2 29	11 11	0 56	24 48	1 42	18 23	1 4	22 24	1 6	12 1	0 27	14 5	0 29	19 52	3 34	22 55	22 57	16 50	14 25	6 49	
S 21	3 49	6 33	4 46	13 29	2 37	10 47	0 58	24 50	1 42	18 23	1 4	22 24	1 6	12 3	0 27	14 4	0 29	19 52	3 34	22 56	22 57	16 52	14 24	6 49	
S 22	4 12	1 44	4 59	13 57	2 44	10 23	1 1	24 52	1 42	18 23	1 3	22 24	1 6	12 4	0 27	14 4	0 29	19 52	3 34	22 58	22 57	16 54	14 24	6 50	
M 23	4 35	3n 4	4 57	14 21	2 51	9 58	1 3	24 54	1 42	18 24	1 3	22 24	1 6	12 5	0 27	14 3	0 29	19 52	3 34	22 59	22 58	16 56	14 23	6 50	
T 24	4 58	7 42	4 42	14 42	2 57	9 34	1 6	24 56	1 41	18 24	1 3	22 24	1 6	12 6	0 27	14 3	0 29	19 52	3 34	23	0 22	58	16 58	14 22	6 51
W 25	5 21	11 58	4 14	15 0	3 1	9 9	1 8	24 58	1 41	18 24	1 3	22 24	1 6	12 7	0 27	14 2	0 29	19 52	3 34	23	1 22	58	17 0	14 21	6 51
T 26	5 44	15 45	3 35	15 14	3 4	8 43	1 10	25 0	1 41	18 24	1 3	22 24	1 6	12 8	0 27	14 2	0 29	19 52	3 34	23	2 22	58	17 2	14 20	6 52
F 27	6 7	18 52	2 47	15 25	3 6	8 18	1 12	25 1	1 41	18 24	1 3	22 24	1 6	12 9	0 27	14 1	0 29	19 52	3 34	23	2 22	59	17 4	14 19	6 52
S 28	6 30	21 12	1 52	15 32	3 7	7 52	1 14	25 2	1 40	18 24	1 3	22 24	1 6	12 11	0 27	14 1	0 30	19 52	3 34	23	3 22	59	17 6	14 18	6 53
S 29	6 52	22 38	0 52	15 36	3 7	7 2																			

SWISS EPHEMERIS for the year 1517

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Day	Sid.t	☉	☾	♀	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅
W 1	13 14 4	20°23'26	7♌49	3°R22	17♋44	26♌24	11♌28	29°R36	3♉23	24♋8	3°R56	10°R58	11♈30	1♈23	25♋46
T 2	13 18 0	21°22'02	20°42	3♉10	18°57	26°58	11°28	29°♋36	3°26	24°9	3♉56	10°55	11°27	1°30	25°47
F 3	13 21 57	22°20'35	4♏3	2°53	20°9	27°32	11°29	29°36	3°30	24°11	3°56	10°49	11°24	1°37	25°49
S 4	13 25 53	23°19'06	17°53	2°30	21°21	28°7	11°30	29°35	3°33	24°12	3°56	10°41	11°20	1°43	25°50
S 5	13 29 50	24°17'35	2♋10	2°4	22°34	28°41	11°31	29°35	3°36	24°13	3°55	10°32	11°17	1°50	25°51
M 6	13 33 46	25°16'03	16°51	1°33	23°46	29°16	11°33	29°34	3°40	24°15	3°55	10°21	11°14	1°57	25°53
T 7	13 37 43	26°14'28	1♌48	0°59	24°58	29°50	11°34	29°33	3°43	24°16	3°55	10°10	11°11	2°3	25°54
W 8	13 41 40	27°12'51	16°52	0°23	26°11	0♉25	11°36	29°32	3°47	24°17	3°55	10°1	11°8	2°10	25°55
T 9	13 45 36	28°11'13	1♋52	29°V44	27°23	0°59	11°38	29°31	3°50	24°18	3°54	9°54	11°4	2°17	25°56
F 10	13 49 33	29°9'33	16°42	29°4	28°35	1°34	11°40	29°30	3°54	24°20	3°54	9°50	11°1	2°24	25°57
S 11	13 53 29	0♉751	1♉13	28°24	29°48	2°9	11°42	29°29	3°57	24°21	3°53	9°48	10°58	2°30	25°58
S 12	13 57 26	1°6'08	15°24	27°44	1°V0	2°43	11°45	29°28	4°0	24°22	3°53	9°D48	10°55	2°37	25°59
M13	14 1 22	2°4'24	29°14	27°5	2°13	3°18	11°48	29°27	4°4	24°23	3°52	9°R48	10°52	2°44	26°0
T 14	14 5 19	3°2'38	12♋43	26°28	3°25	3°53	11°50	29°25	4°7	24°24	3°52	9°48	10°49	2°50	26°0
W15	14 9 15	4°0'50	25°53	25°53	4°38	4°28	11°53	29°24	4°11	24°25	3°51	9°46	10°45	2°57	26°1
T 16	14 13 12	4°59'01	8♋48	25°21	5°50	5°3	11°57	29°22	4°14	24°26	3°51	9°41	10°42	3°4	26°2
F 17	14 17 9	5°57'10	21°28	24°52	7°3	5°38	12°0	29°21	4°18	24°27	3°50	9°34	10°39	3°10	26°2
S 18	14 21 5	6°55'18	3°V57	24°26	8°15	6°12	12°3	29°19	4°21	24°28	3°49	9°25	10°36	3°17	26°2
S 19	14 25 2	7°53'24	16°16	24°5	9°28	6°48	12°7	29°17	4°25	24°29	3°49	9°14	10°33	3°24	26°3
M20	14 28 58	8°51'28	28°26	23°48	10°40	7°23	12°11	29°15	4°28	24°30	3°48	9°3	10°30	3°30	26°3
T 21	14 32 55	9°49'31	10♉28	23°35	11°53	7°58	12°15	29°13	4°32	24°31	3°47	8°52	10°26	3°37	26°3
W22	14 36 51	10°47'33	22°23	23°27	13°6	8°33	12°19	29°11	4°35	24°32	3°47	8°42	10°23	3°44	26°3
T 23	14 40 48	11°45'33	4♌14	23°D24	14°18	9°8	12°23	29°9	4°39	24°33	3°46	8°35	10°20	3°50	26°R 3
F 24	14 44 44	12°43'31	16°2	23°25	15°31	9°43	12°28	29°7	4°42	24°34	3°45	8°30	10°17	3°57	26°3
S 25	14 48 41	13°41'27	27°49	23°31	16°43	10°18	12°33	29°4	4°45	24°34	3°44	8°27	10°14	4°4	26°3
S 26	14 52 38	14°39'22	9♉41	23°41	17°56	10°54	12°37	29°2	4°49	24°35	3°43	8°D26	10°10	4°10	26°3
M27	14 56 34	15°37'15	21°39	23°56	19°9	11°29	12°42	28°59	4°52	24°36	3°43	8°27	10°7	4°17	26°3
T 28	15 0 31	16°35'06	3♌50	24°16	20°21	12°4	12°48	28°57	4°56	24°37	3°42	8°28	10°4	4°24	26°2
W29	15 4 27	17°32'55	16°19	24°40	21°34	12°40	12°53	28°54	4°59	24°37	3°41	8°R29	10°1	4°30	26°2
T 30	15 8 24	18♉30'43	29♌9	25°V8	22°V47	13♉15	12♌58	28♋51	5♉2	24♋38	3♉40	8♉28	9♉58	4♌37	26♉1

Day	☉		☾		♀		♀		♂		♃		♄		♅		♆		♇					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
W 1	7n59	20n34	2n17	15n26	2n57	6s 7	1s22	25n 6	1n39	18n23	1n 2	22s23	1n 7	12n15	0s27	13s59	0s30	19s52	3n34	23n 3	23n 0	17n14	14s15	6n55
T 2	8 21	17 41	3 14	15 16	2 51	5 40	1 23	25 7	1 39	18 23	1 2	22 23	1 7	12 16	0 27	13 58	0 30	19 52	3 34	23 3	23 0	17 16	14 14	6 55
F 3	8 43	13 48	4 2	15 3	2 43	5 13	1 25	25 8	1 39	18 23	1 2	22 23	1 7	12 18	0 27	13 58	0 30	19 52	3 34	23 4	23 1	17 18	14 13	6 56
S 4	9 5	9 4	4 38	14 47	2 34	4 46	1 27	25 8	1 39	18 22	1 2	22 23	1 7	12 19	0 27	13 57	0 30	19 52	3 35	23 4	23 1	17 20	14 13	6 56
S 5	9 27	3 42	4 58	14 28	2 24	4 18	1 28	25 8	1 38	18 22	1 2	22 23	1 7	12 20	0 27	13 57	0 30	19 52	3 35	23 5	23 1	17 22	14 12	6 57
M 6	9 48	2s 2	5 0	14 7	2 12	3 51	1 29	25 8	1 38	18 21	1 2	22 23	1 7	12 21	0 27	13 57	0 30	19 52	3 35	23 6	23 2	17 24	14 11	6 58
T 7	10 9	7 44	4 41	13 43	2 0	3 23	1 31	25 8	1 38	18 21	1 2	22 23	1 7	12 22	0 27	13 56	0 30	19 52	3 35	23 7	23 2	17 26	14 10	6 58
W 8	10 30	13 3	4 2	13 17	1 46	2 56	1 32	25 8	1 37	18 20	1 2	22 23	1 7	12 23	0 27	13 56	0 30	19 52	3 35	23 7	23 2	17 28	14 10	6 59
T 9	10 51	17 32	3 7	12 49	1 31	2 28	1 33	25 7	1 37	18 20	1 2	22 23	1 7	12 25	0 27	13 55	0 30	19 52	3 35	23 8	23 2	17 30	14 9	6 59
F 10	11 12	20 51	1 59	12 21	1 15	2 0	1 34	25 6	1 37	18 19	1 2	22 23	1 7	12 26	0 27	13 55	0 30	19 52	3 35	23 8	23 3	17 32	14 8	7 0
S 11	11 33	22 44	0 45	11 51	0 59	1 32	1 35	25 6	1 37	18 18	1 1	22 23	1 7	12 27	0 27	13 55	0 30	19 52	3 35	23 8	23 3	17 34	14 7	7 0
S 12	11 53	23 6	0s30	11 21	0 42	1 4	1 36	25 5	1 36	18 17	1 1	22 23	1 7	12 28	0 27	13 54	0 30	19 52	3 35	23 8	23 3	17 36	14 7	7 1
M13	12 13	22 1	1 41	10 51	0 25	0 36	1 37	25 4	1 36	18 17	1 1	22 23	1 7	12 29	0 27	13 54	0 30	19 52	3 35	23 8	23 3	17 38	14 6	7 1
T 14	12 34	19 41	2 46	10 22	0 8	0 8	1 38	25 2	1 36	18 16	1 1	22 23	1 7	12 31	0 27	13 53	0 30	19 52	3 35	23 8	23 4	17 40	14 5	7 2
W15	12 53	16 22	3 40	9 53	0s 9	0n21	1 38	25 1	1 36	18 15	1 1	22 23	1 7	12 32	0 27	13 53	0 30	19 52	3 35	23 8	23 4	17 42	14 5	7 2
T 16	13 13	12 19	4 21	9 25	0 26	0 49	1 39	24 59	1 35	18 14	1 1	22 23	1 7	12 33	0 27	13 53	0 30	19 52	3 35	23 9	23 4	17 44	14 4	7 3
F 17	13 32	7 48	4 49	8 59	0 43	1 17	1 39	24 58	1 35	18 13	1 1	22 23	1 7	12 34	0 27	13 53	0 30	19 52	3 35	23 9	23 4	17 46	14 3	7 4
S 18	13 52	3 3	5 2	8 35	0 59	1 45	1 40	24 56	1 35	18 12	1 1	22 23	1 7	12 35	0 27	13 52	0 30	19 52	3 35	23 10	23 5	17 48	14 3	7 4
S 19	14 11	1n47	5 1	8 13	1 14	2 14	1 40	24 54	1 34	18 10	1 1	22 23	1 7	12 36	0 27	13 52	0 30	19 52	3 35	23 11	23 5	17 50	14 2	7 5
M20	14 29	6 29	4 47	7 53	1 29	2 42	1 40	24 52	1 34	18 9	1 0	22 23	1 7	12 38	0 27	13 52	0 30	19 52	3 35	23 12	23 5	17 52	14 2	7 5
T 21	14 48	10 54	4 19	7 35	1 43	3 10	1 41	24 49	1 34	18 8	1 0	22 23	1 7	12 39	0 27	13 51	0 30	19 52	3 35	23 12	23 5	17 54	14 1	7 6
W22	15 6	14 51	3 41	7 20	1 56	3 38	1 41	24 47	1 33	18 7	1 0	22 23	1 7	12 40	0 27	13 51	0 30	19 52	3 35	23 13	23 6	17 56	14 1	7 6
T 23	15 24	18 13	2 53	7 7	2 9	4 6	1 41	24 44	1 33	18 5	1 0	22 23	1 7	12 41	0 27	13 51	0 30	19 52	3 34	23 13	23 6	17 58	14 0	7 7
F 24	15 42	20 49	1 57	6 57	2 20	4 34	1 41	24 41	1 33	18 4	1 0	22 23	1 7	12 42	0 27	13 51	0 30	19 52	3 34	23 14	23 6	18 0	14 0	7 7
S 25	15 59	22 32	0 57	6 49	2 31	5 2	1 41	24 38	1 33	18 3	1 0	22 23	1 7	12 43	0 27	13 50	0 30	19 53	3 34	23 14	23 6	18 1	13 59	7 8
S 26	16 17	23 15	0n 7	6 44	2 40	5 30	1 40	24 35	1 32	18 1	1 0	22 23	1 7	12 45	0 27	13 50	0 30	19 53	3 34	23 14	23 7	18 3	13 59	7 8
M27	16 34	22 55	1 11	6 42	2 49	5 38	1 40	24 32	1 32	18 0	1 0	22 23	1 7	12 46	0 27	13 50	0 30	19 53	3 34	23 14	23 7	18 5	13 58	7 9
T 28	16 50	21 29	2 13	6 42	2 56	6 26	1 40	24 28	1 32	17 58	1 0	22 23	1 7	12 47	0 27	13 50	0 30	19 53	3 34	23 14	23 7	18 7	13 58	7 9
W29	17 7	19 0	3 10	6 44	3 3	6 53	1 40	24 25	1 31	17 57	1 0	22 23	1 7	12 48	0 27	13 50	0 30	19 53	3 34	23 14	23 7	18 9	13 57	7 10
T 30	17n23	15n32	3n59	6n49	3s 9	7n21	1s39	24n21	1n31	1														

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	15 12 20	19°8'28"29	12°26'26"	25°40'25"	23°59'59"	13°55'51"	13°Ω 4	28°R48	5°Ω 6	24°43'38"	3°R39	8°R26	9°Ω55	4°II44	26°R 1		
S 2	15 16 17	20°26'13"	26°11'	26°16'	25°12'	14°26'	13°10'	28°R45	5° 9	24°39'	3°Ω38	8°Ω22	9°51'	4°50'	26°Ω 0		
S 3	15 20 13	21°23'55"	10°Ω25	26°56'	26°25'	15° 2'	13°15'	28°42'	5°13'	24°40'	3°37'	8°16'	9°48'	4°57'	25°59'		
M 4	15 24 10	22°21'36"	25° 6'	27°40'	27°37'	15°37'	13°21'	28°39'	5°16'	24°40'	3°36'	8° 9'	9°45'	5° 4'	25°58'		
T 5	15 28 6	23°19'16"	10°II 7	28°28'	28°50'	16°13'	13°28'	28°36'	5°19'	24°40'	3°35'	8° 2'	9°42'	5°10'	25°58'		
W 6	15 32 3	24°16'54"	25°20'	29°19'	0°Ω 3	16°48'	13°34'	28°33'	5°23'	24°41'	3°34'	7°57'	9°39'	5°17'	25°57'		
T 7	15 36 0	25°14'31"	10°R34	0°Ω13	1°15'	17°24'	13°40'	28°30'	5°26'	24°41'	3°33'	7°52'	9°36'	5°24'	25°56'		
F 8	15 39 56	26°12'07"	25°39'	1°11'	2°28'	18° 0'	13°47'	28°26'	5°29'	24°42'	3°32'	7°50'	9°32'	5°30'	25°55'		
S 9	15 43 53	27° 9'41"	10°Ω27	2°12'	3°41'	18°35'	13°54'	28°23'	5°33'	24°42'	3°30'	7°D49	9°29'	5°37'	25°53'		
S 10	15 47 49	28° 7'15"	24°53'	3°16'	4°54'	19°11'	14° 1'	28°20'	5°36'	24°42'	3°29'	7°50'	9°26'	5°44'	25°52'		
M11	15 51 46	29° 4'48"	8°Ω53	4°23'	6° 6'	19°47'	14° 8'	28°16'	5°39'	24°42'	3°28'	7°52'	9°23'	5°50'	25°51'		
T 12	15 55 42	0°II 2'20"	22°28'	5°33'	7°19'	20°22'	14°15'	28°13'	5°42'	24°43'	3°27'	7°53'	9°20'	5°57'	25°50'		
W13	15 59 39	0°59'51"	5°Ω39	6°46'	8°32'	20°58'	14°22'	28° 9'	5°46'	24°43'	3°26'	7°R53	9°16'	6° 4'	25°48'		
T 14	16 3 36	1°57'21"	18°30'	8° 2'	9°45'	21°34'	14°29'	28° 5'	5°49'	24°43'	3°25'	7°52'	9°13'	6°10'	25°47'		
F 15	16 7 32	2°54'50"	1°Y 4	9°21'	10°58'	22°10'	14°37'	28° 2'	5°52'	24°43'	3°23'	7°49'	9°10'	6°17'	25°45'		
S 16	16 11 29	3°52'19"	13°23'	10°42'	12°11'	22°46'	14°45'	27°58'	5°55'	24°43'	3°22'	7°44'	9° 7'	6°24'	25°43'		
S 17	16 15 25	4°49'46"	25°31'	12° 7'	13°24'	23°22'	14°52'	27°54'	5°58'	24°43'	3°21'	7°39'	9° 4'	6°30'	25°42'		
M18	16 19 22	5°47'13"	7°Ω13	13°34'	14°36'	23°58'	15° 0'	27°50'	6° 1'	24°R43	3°19'	7°34'	9° 1'	6°37'	25°40'		
T 19	16 23 28	6°44'39"	19°25'	15° 3'	15°49'	24°34'	15° 8'	27°46'	6° 4'	24°43'	3°18'	7°28'	8°57'	6°44'	25°38'		
W20	16 27 15	7°42'05"	1°II15	16°35'	17° 2'	25°10'	15°16'	27°42'	6° 7'	24°43'	3°17'	7°23'	8°54'	6°50'	25°36'		
T 21	16 31 11	8°39'29"	13° 3'	18°10'	18°15'	25°46'	15°25'	27°38'	6°11'	24°43'	3°16'	7°20'	8°51'	6°57'	25°34'		
F 22	16 35 8	9°36'53"	24°52'	19°48'	19°28'	26°22'	15°33'	27°34'	6°14'	24°43'	3°14'	7°18'	8°48'	7° 4'	25°32'		
S 23	16 39 5	10°34'15"	6°Ω43	21°28'	20°41'	26°58'	15°41'	27°30'	6°17'	24°43'	3°13'	7°D17	8°45'	7°10'	25°30'		
S 24	16 43 1	11°31'37"	18°39'	23°11'	21°54'	27°34'	15°50'	27°26'	6°20'	24°43'	3°11'	7°18'	8°42'	7°17'	25°28'		
M25	16 46 58	12°28'58"	0°Ω43	24°56'	23° 7'	28°10'	15°59'	27°22'	6°23'	24°43'	3°10'	7°19'	8°38'	7°24'	25°26'		
T 26	16 50 54	13°26'18"	12°59'	26°44'	24°20'	28°46'	16° 7'	27°17'	6°25'	24°42'	3° 9'	7°21'	8°35'	7°30'	25°24'		
W27	16 54 51	14°23'37"	25°30'	28°35'	25°33'	29°22'	16°16'	27°13'	6°28'	24°42'	3° 7'	7°22'	8°32'	7°37'	25°21'		
T 28	16 58 47	15°20'55"	8°II28	26°46'	26°46'	29°59'	16°25'	27° 9'	6°31'	24°42'	3° 6'	7°23'	8°29'	7°44'	25°19'		
F 29	17 2 44	16°18'12"	21°33'	2°23'	27°59'	0°Ω35	16°35'	27° 5'	6°34'	24°42'	3° 4'	7°R23	8°26'	7°50'	25°16'		
S 30	17 6 40	17°15'28"	5°Ω11	4°20'	29°12'	1°11'	16°44'	27° 0'	6°37'	24°41'	3° 3'	7°22'	8°22'	7°57'	25°14'		
S 31	17 10 37	18°II12'43"	19°Ω15	6°II20	0°II25	1°Ω48	16°Ω53	26°R56	6°Ω40	24°Ω41	3°Ω 2	7°Ω21	8°Ω19	8°II 4	25°Ω11		

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	lat	
F 1	17n39	11n11	4n37	6n56	3s14	7n48	1s39	24n17	1n31	17n53	0n59	22s23	1n 7	12n50	0s27	13s49	0s30	19s53	3n34	23n14	23n 8	18n13	13s56	7n11
S 2	17 54	6 8	5 1	7 6	3 18	8 15	1 38	24 13	1 30	17 51	0 59	22 23	1 7	12 51	0 27	13 49	0 30	19 53	3 34	23 14	23 8	18 15	13 56	7 12
S 3	18 10	0 35	5 8	7 17	3 21	8 42	1 37	24 9	1 30	17 50	0 59	22 23	1 7	12 53	0 27	13 49	0 30	19 53	3 34	23 15	23 8	18 17	13 56	7 12
M 4	18 24	5s10	4 55	7 30	3 23	9 49	1 37	24 4	1 30	17 48	0 59	22 22	1 7	12 54	0 27	13 49	0 30	19 53	3 34	23 15	23 9	18 19	13 55	7 13
T 5	18 39	10 45	4 22	7 46	3 25	9 36	1 36	24 0	1 30	17 46	0 59	22 22	1 7	12 55	0 27	13 49	0 31	19 53	3 34	23 15	23 9	18 21	13 55	7 13
W 6	18 53	15 45	3 30	8 3	3 26	10 2	1 35	23 55	1 29	17 44	0 59	22 22	1 7	12 56	0 27	13 49	0 31	19 53	3 34	23 16	23 9	18 22	13 54	7 14
T 7	19 7	19 44	2 2	8 22	3 25	10 28	1 34	23 50	1 29	17 42	0 59	22 22	1 7	12 57	0 27	13 48	0 31	19 53	3 34	23 16	23 9	18 24	13 54	7 14
F 8	19 21	22 20	1 6	8 43	3 25	10 54	1 33	23 45	1 29	17 40	0 59	22 22	1 7	12 58	0 27	13 48	0 31	19 53	3 34	23 16	23 9	18 26	13 54	7 15
S 9	19 35	23 20	0s14	9 5	3 23	11 20	1 32	23 40	1 28	17 38	0 59	22 22	1 7	12 59	0 27	13 48	0 31	19 53	3 34	23 16	23 10	18 28	13 54	7 15
S 10	19 48	22 42	1 31	9 29	3 21	11 46	1 31	23 35	1 28	17 36	0 58	22 22	1 7	13 0	0 27	13 48	0 31	19 53	3 34	23 16	23 10	18 30	13 53	7 16
M11	20 0	20 40	2 41	9 55	3 18	12 11	1 30	23 29	1 28	17 34	0 58	22 22	1 7	13 1	0 27	13 48	0 31	19 53	3 34	23 16	23 10	18 32	13 53	7 16
T 12	20 13	17 31	3 39	10 21	3 14	12 36	1 28	23 23	1 27	17 32	0 58	22 22	1 7	13 2	0 27	13 48	0 31	19 53	3 34	23 16	23 10	18 34	13 53	7 17
W13	20 25	13 33	4 24	10 49	3 10	13 1	1 27	23 18	1 27	17 29	0 58	22 22	1 7	13 3	0 27	13 48	0 31	19 53	3 34	23 16	23 11	18 36	13 53	7 17
T 14	20 36	9 4	4 54	11 18	3 5	13 25	1 26	23 12	1 27	17 27	0 58	22 22	1 7	13 5	0 27	13 48	0 31	19 54	3 34	23 16	23 11	18 37	13 52	7 18
F 15	20 48	4 18	5 9	11 48	3 0	13 49	1 24	23 6	1 26	17 25	0 58	22 22	1 7	13 6	0 27	13 48	0 31	19 54	3 34	23 16	23 11	18 39	13 52	7 18
S 16	20 59	0n32	5 10	12 20	2 54	14 13	1 23	22 59	1 26	17 23	0 58	22 22	1 7	13 7	0 27	13 48	0 31	19 54	3 34	23 16	23 11	18 41	13 52	7 19
S 17	21 9	5 17	4 57	12 52	2 47	14 36	1 21	22 53	1 26	17 20	0 58	22 22	1 7	13 8	0 27	13 48	0 31	19 54	3 34	23 17	23 11	18 43	13 52	7 19
M18	21 20	9 47	4 30	13 25	2 40	15 0	1 20	22 46	1 25	17 18	0 58	22 22	1 7	13 9	0 27	13 48	0 31	19 54	3 34	23 17	23 12	18 45	13 52	7 19
T 19	21 30	13 54	3 53	13 58	2 32	15 22	1 18	22 40	1 25	17 15	0 58	22 22	1 7	13 10	0 27	13 48	0 31	19 54	3 34	23 17	23 12	18 47	13 52	7 20
W20	21 39	17 27	3 5	14 32	2 24	15 45	1 16	22 33	1 25	17 13	0 58	22 22	1 7	13 11	0 27	13 48	0 31	19 54	3 34	23 18	23 12	18 49	13 52	7 20
T 21	21 48	20 17	2 9	15 7	2 15	16 7	1 15	22 26	1 24	17 10	0 58	22 22	1 7	13 12	0 27	13 48	0 31	19 54	3 34	23 18	23 12	18 50	13 51	7 21
F 22	21 57	22 16	1 8	15 42	2 6	16 28	1 13	22 19	1 24	17 8	0 57	22 22	1 7	13 13	0 27	13 48	0 31	19 54	3 34	23 18	23 13	18 52	13 51	7 21
S 23	22 5	23 17	0 3	16 18	1 57	16 50	1 11	22 11	1 24	17 5	0 57	22 22	1 7	13 14	0 27	13 48	0 31	19 54	3 34	23 18	23 13	18 54	13 51	7 22
S 24	22 13	23 14	1n 2	16 53	1 47	17 10	1 9	22 4	1 23	17 3	0 57	22 22	1 7	13 15	0 27	13 48	0 31	19 54	3 33	23 18	23 13	18 56	13 51	7 22
M25	22 21	22 5	2 5	17 29	1 37	17 31	1 7	21 56	1 23	17 0	0 57	22 22	1 7	13 16	0 27	13 48	0 31	19 54	3 33	23 18	23 13	18 58	13 51	7 22
T 26	22 28	19 54	3 4	18 4	1 26	17 51	1 5	21 48	1 23	16 57	0 57	22 22	1 7	13 17	0 27	13 49	0 31	19 55	3 33	23 18	23 13	19 0	13 51	7 23
W27	22 35	16 45	3 55	18 40	1 16	18 10	1 3	21 41	1 22	16 54	0 57	22 22	1 7	13 18	0 27	13 49	0 31	19 55	3 33	23 18	23 14	19 1	13 51	7 23
T 28	22 42	12 44	4 36	19 15	1 5	18 29	1 1	21 33	1 22	16 52	0 57	22 22	1											

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M 1	17 14 34	19II 9'57	3III45	8II22	1II38	2Ω24	17Ω 3	26°R52	6R43	24°R40	3°R 0	7°R18	8Ω16	8II10	25°R 9		
T 2	17 18 30	20° 7'11	18°36	10°26	2°51	3° 0	17°12	26°R47	6°45	24°R40	2°59	7Ω16	8°13	8°17	25°R 6		
W 3	17 22 27	21° 4'24	3R42	12°32	4° 4	3°37	17°22	26°43	6°48	24°39	2°57	7°14	8°10	8°24	25° 4		
T 4	17 26 23	22° 1'37	18°53	14°39	5°17	4°13	17°31	26°39	6°51	24°39	2°56	7°13	8° 7	8°30	25° 1		
F 5	17 30 20	22°58'49	4R 1	16°48	6°30	4°49	17°41	26°34	6°53	24°38	2°54	7°D13	8° 3	8°37	24°58		
S 6	17 34 16	23°56'01	18°56	18°57	7°44	5°26	17°51	26°30	6°56	24°38	2°53	7°13	8° 0	8°44	24°55		
S 7	17 38 13	24°53'12	3R31	21° 8	8°57	6° 2	18° 1	26°25	6°59	24°37	2°51	7°13	7°57	8°50	24°52		
M 8	17 42 9	25°50'24	17°42	23°19	10°10	6°39	18°11	26°21	7° 1	24°37	2°50	7°14	7°54	8°57	24°50		
T 9	17 46 6	26°47'35	1R26	25°30	11°23	7°15	18°21	26°17	7° 4	24°36	2°48	7°15	7°51	9° 4	24°47		
W10	17 50 3	27°44'46	14°44	27°41	12°36	7°52	18°32	26°12	7° 6	24°35	2°47	7°16	7°48	9°10	24°44		
T 11	17 53 59	28°41'57	27°38	29°52	13°49	8°29	18°42	26° 8	7° 9	24°34	2°45	7°R16	7°44	9°17	24°41		
F 12	17 57 56	29°39'08	10V11	29° 3	15° 3	9° 5	18°52	26° 3	7°11	24°34	2°44	7°16	7°41	9°24	24°38		
S 13	18 1 52	30°36'20	22°27	4°12	16°16	9°42	19° 3	25°59	7°13	24°33	2°42	7°16	7°38	9°30	24°34		
S 14	18 5 49	1°33'31	4R31	6°21	17°29	10°18	19°13	25°55	7°16	24°32	2°41	7°15	7°35	9°37	24°31		
M15	18 9 45	2°30'43	16°26	8°28	18°43	10°55	19°24	25°50	7°18	24°31	2°39	7°14	7°32	9°44	24°28		
T 16	18 13 42	3°27'55	28°16	10°34	19°56	11°32	19°35	25°46	7°20	24°30	2°38	7°14	7°28	9°50	24°25		
W17	18 17 38	4°25'07	10II 4	12°39	21° 9	12° 9	19°46	25°42	7°23	24°30	2°36	7°13	7°25	9°57	24°22		
T 18	18 21 35	5°22'19	21°53	14°42	22°23	12°45	19°57	25°37	7°25	24°29	2°35	7°13	7°22	10° 4	24°18		
F 19	18 25 32	6°19'31	3R24	16°43	23°36	13°22	20° 7	25°33	7°27	24°28	2°33	7°D13	7°19	10°10	24°15		
S 20	18 29 28	7°16'43	15°43	18°42	24°49	13°59	20°19	25°29	7°29	24°27	2°32	7°R13	7°16	10°17	24°12		
S 21	18 33 25	8°13'56	27°49	20°40	26° 3	14°36	20°30	25°24	7°31	24°26	2°30	7°13	7°13	10°24	24° 8		
M22	18 37 21	9°11'08	10Ω 5	22°36	27°16	15°13	20°41	25°20	7°33	24°25	2°29	7°13	7° 9	10°30	24° 5		
T 23	18 41 18	10° 8'20	22°33	24°30	28°30	15°50	20°52	25°16	7°35	24°24	2°27	7°13	7° 6	10°37	24° 2		
W24	18 45 14	11° 5'32	5II14	26°22	29°43	16°27	21° 3	25°12	7°37	24°23	2°26	7°12	7° 3	10°44	23°58		
T 25	18 49 11	12° 2'45	18°11	28°12	0R57	17° 4	21°15	25° 8	7°39	24°22	2°24	7°12	7° 0	10°50	23°55		
F 26	18 53 7	12°59'57	1R27	0Ω 0	2°10	17°41	21°26	25° 4	7°41	24°20	2°23	7°11	6°57	10°57	23°51		
S 27	18 57 4	13°57'09	15° 2	1°46	3°24	18°18	21°38	25° 0	7°43	24°19	2°21	7°D11	6°54	11° 4	23°48		
S 28	19 1 1	14°54'21	28°57	3°31	4°37	18°55	21°49	24°56	7°45	24°18	2°20	7°12	6°50	11°10	23°44		
M29	19 4 57	15°51'34	13III2	5°13	5°51	19°32	22° 1	24°52	7°46	24°17	2°18	7°12	6°47	11°17	23°41		
T 30	19 8 54	16°48'46	27III4	6Ω53	7R 4	20Ω 9	22Ω12	24°48	7R48	24°16	2R17	7R13	6R44	11II24	23R38		

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	23n 3	8s22	4n43	21n26	0s20	19n41	0s53	20n59	1n21	16n40	0n57	22s22	1n 6	13n22	0s27	13s49	0s31	19s55	3n33	23n18	23n15	19n10	13s52	7n25
T 2	23 8	13 36	3 58	21 55	0 9	19 57	0 51	20 50	1 20	16 37	0 57	22 22	1 6	13 23	0 27	13 50	0 31	19 55	3 33	23 18	23 15	19 12	13 52	7 25
W 3	23 12	18 5	2 55	22 23	0n 2	20 13	0 49	20 41	1 20	16 34	0 57	22 22	1 6	13 24	0 27	13 50	0 31	19 55	3 33	23 18	23 15	19 14	13 52	7 26
T 4	23 16	21 23	1 40	22 50	0 13	20 29	0 46	20 32	1 20	16 31	0 57	22 21	1 6	13 25	0 27	13 50	0 31	19 55	3 33	23 18	23 15	19 16	13 52	7 26
F 5	23 19	23 9	0 18	23 14	0 23	20 44	0 44	20 23	1 19	16 28	0 56	22 21	1 6	13 26	0 27	13 50	0 31	19 56	3 33	23 18	23 15	19 18	13 52	7 26
S 6	23 22	23 13	1s 5	23 36	0 33	20 58	0 42	20 14	1 19	16 25	0 56	22 21	1 6	13 27	0 27	13 50	0 31	19 56	3 33	23 18	23 16	19 18	13 52	7 27
S 7	23 24	21 42	2 21	23 55	0 43	21 12	0 39	20 5	1 18	16 22	0 56	22 21	1 6	13 27	0 27	13 51	0 31	19 56	3 32	23 18	23 16	19 21	13 52	7 27
M 8	23 26	18 50	3 26	24 12	0 52	21 25	0 37	19 55	1 18	16 19	0 56	22 21	1 6	13 28	0 27	13 51	0 31	19 56	3 32	23 18	23 16	19 23	13 53	7 27
T 9	23 28	15 0	4 17	24 27	1 1	21 38	0 35	19 45	1 18	16 15	0 56	22 21	1 6	13 29	0 27	13 51	0 31	19 56	3 32	23 18	23 16	19 25	13 53	7 28
W10	23 29	10 32	4 53	24 38	1 9	21 50	0 32	19 36	1 17	16 12	0 56	22 21	1 6	13 30	0 27	13 51	0 32	19 56	3 32	23 18	23 16	19 27	13 53	7 28
T 11	23 30	5 43	5 13	24 47	1 17	22 1	0 30	19 26	1 17	16 9	0 56	22 21	1 6	13 31	0 27	13 52	0 32	19 56	3 32	23 18	23 16	19 28	13 53	7 28
F 12	23 30	0 49	5 17	24 53	1 24	22 12	0 28	19 16	1 17	16 6	0 56	22 21	1 5	13 31	0 27	13 52	0 32	19 56	3 32	23 18	23 17	19 30	13 54	7 28
S 13	23 30	4n 1	5 6	24 56	1 30	22 22	0 25	19 6	1 16	16 2	0 56	22 21	1 5	13 32	0 27	13 52	0 32	19 57	3 32	23 18	23 17	19 32	13 54	7 29
S 14	23 30	8 38	4 42	24 56	1 35	22 32	0 23	18 55	1 16	15 59	0 56	22 21	1 5	13 33	0 27	13 52	0 32	19 57	3 32	23 18	23 17	19 34	13 54	7 29
M15	23 29	12 52	4 6	24 54	1 40	22 41	0 20	18 45	1 16	15 56	0 56	22 21	1 5	13 34	0 27	13 53	0 32	19 57	3 32	23 18	23 17	19 35	13 55	7 29
T 16	23 27	16 35	3 20	24 48	1 44	22 49	0 18	18 34	1 15	15 52	0 56	22 21	1 5	13 34	0 27	13 53	0 32	19 57	3 32	23 18	23 17	19 37	13 55	7 29
W17	23 26	19 37	2 25	24 41	1 47	22 57	0 15	18 24	1 15	15 49	0 56	22 21	1 5	13 35	0 27	13 53	0 32	19 57	3 31	23 18	23 18	19 39	13 55	7 30
T 18	23 24	21 51	1 24	24 30	1 50	23 4	0 13	18 13	1 14	15 45	0 56	22 21	1 5	13 36	0 27	13 54	0 32	19 57	3 31	23 18	23 18	19 41	13 56	7 30
F 19	23 21	23 8	0 19	24 18	1 51	23 10	0 10	18 2	1 14	15 42	0 56	22 21	1 5	13 37	0 27	13 54	0 32	19 57	3 31	23 18	23 18	19 42	13 56	7 30
S 20	23 18	23 21	0n47	24 3	1 52	23 16	0 8	17 51	1 14	15 38	0 56	22 21	1 5	13 37	0 27	13 54	0 32	19 58	3 31	23 18	23 18	19 44	13 56	7 30
S 21	23 15	22 29	1 52	23 46	1 53	23 21	0 6	17 40	1 13	15 35	0 56	22 21	1 5	13 38	0 27	13 55	0 32	19 58	3 31	23 18	23 18	19 46	13 57	7 30
M22	23 11	20 32	2 53	23 27	1 52	23 25	0 3	17 29	1 13	15 31	0 56	22 21	1 4	13 39	0 27	13 55	0 32	19 58	3 31	23 18	23 18	19 47	13 57	7 31
T 23	23 7	17 36	3 46	23 6	1 51	23 29	0 1	17 17	1 13	15 27	0 56	22 21	1 4	13 39	0 27	13 55	0 32	19 58	3 31	23 18	23 19	19 49	13 57	7 31
W24	23 2	13 47	4 29	22 44	1 50	23 32	0n 2	17 6	1 12	15 24	0 56	22 21	1 4	13 40	0 27	13 56	0 32	19 58	3 31	23 18	23 19	19 51	13 58	7 31
T 25	22 57	9 17	5 0	22 20	1 48	23 34	0 4	16 54	1 12	15 20	0 56	22 21	1 4	13 40	0 27	13 56	0 32	19 58	3 31	23 18	23 19	19 53	13 58	7 31
F 26	22 52	4 15	5 16	21 54	1 45	23 36	0 7	16 42	1 11	15 16	0 56	22 21	1 4	13 41	0 27	13 57	0 32	19 58	3 30	23 18	23 19	19 54	13 59	7 31
S 27	22 46	1s 6	5 14	21 28	1 41	23 37	0 9	16 31	1 11	15 12	0 56	22 21	1 4	13 42	0 27	13 57	0 32	19 59	3 30	23 18	23 19	19 56	13 59	7 31
S 28	22 40	6 32	4 55	21 0	1 37	23 37	0 12	16 19	1 11	15 9	0 55	22 21</												

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W 1	19 12 50	17 ⁵⁴ 59	12 ²⁷ 32	8 ¹³ 32	8 ⁵⁸ 18	20 ¹⁰ 46	22 ¹⁰ 24	24°R44	7 ⁵⁰ 50	24°R15	2°R15	7 ¹⁴ 14	6 ³⁴ 41	11 ³³ 30	23°R34
T 2	19 16 47	18°43'12	27°27	10° 9	9°31	21°23	22°36	24 ²⁷ 40	7°51	24 ¹³ 13	2 ¹⁴ 14	7°14	6°38	11°37	23 ³⁰ 30
F 3	19 20 43	19°40'25	12 ²⁷ 27	11°43	10°45	22° 1	22°48	24°36	7°53	24°12	2°12	7°R14	6°34	11°44	23°27
S 4	19 24 40	20°37'39	27°10	13°16	11°59	22°38	23° 0	24°32	7°54	24°11	2°11	7°14	6°31	11°50	23°23
S 5	19 28 37	21°34'53	11 ²⁸ 44	14°47	13°12	23°15	23°12	24°29	7°56	24°10	2°10	7°12	6°28	11°57	23°20
M 6	19 32 33	22°32'08	25°57	16°16	14°26	23°52	23°24	24°25	7°57	24° 8	2° 8	7°11	6°25	12° 4	23°16
T 7	19 36 30	23°29'24	9 ²¹ 46	17°42	15°40	24°30	23°36	24°21	7°59	24° 7	2° 7	7° 9	6°22	12°10	23°13
W 8	19 40 26	24°26'40	23° 9	19° 7	16°54	25° 7	23°48	24°18	8° 0	24° 6	2° 5	7° 7	6°19	12°17	23° 9
T 9	19 44 23	25°23'58	6 ¹⁹ 8	20°30	18° 7	25°44	24° 0	24°14	8° 1	24° 4	2° 4	7° 5	6°15	12°24	23° 6
F 10	19 48 19	26°21'16	18°44	21°51	19°21	26°22	24°12	24°11	8° 3	24° 3	2° 3	7° 4	6°12	12°30	23° 2
S 11	19 52 16	27°18'36	1 ¹⁸ 1	23°10	20°35	26°59	24°24	24° 8	8° 4	24° 1	2° 1	7°D 4	6° 9	12°37	22°59
S 12	19 56 12	28°15'56	13° 4	24°26	21°49	27°37	24°37	24° 4	8° 5	24° 0	2° 0	7° 4	6° 6	12°43	22°55
M13	20 0 9	29°13'17	24°58	25°40	23° 3	28°14	24°49	24° 1	8° 6	23°58	1°59	7° 6	6° 3	12°50	22°52
T 14	20 4 6	0 ¹⁰ 10'40	6 ¹¹ 46	26°52	24°16	28°52	25° 1	23°58	8° 7	23°57	1°57	7° 7	6° 0	12°57	22°48
W15	20 8 2	1° 8'04	18°35	28° 2	25°30	29°29	25°14	23°55	8° 8	23°56	1°56	7° 9	5°56	13° 3	22°45
T 16	20 11 59	2° 5'29	0 ¹⁰ 27	29°10	26°44	0 ¹⁰ 7	25°26	23°52	8° 9	23°54	1°55	7°10	5°53	13°10	22°41
F 17	20 15 55	3° 2'54	12°25	0 ¹⁰ 14	27°58	0°44	25°39	23°49	8°10	23°53	1°54	7°R10	5°50	13°17	22°38
S 18	20 19 52	4° 0'21	24°34	1°17	29°12	1°22	25°51	23°46	8°11	23°51	1°52	7° 9	5°47	13°23	22°34
S 19	20 23 48	4°57'49	6 ¹⁰ 53	2°16	0 ¹⁰ 26	2° 0	26° 4	23°44	8°12	23°50	1°51	7° 6	5°44	13°30	22°31
M20	20 27 45	5°55'18	19°26	3°13	1°40	2°37	26°16	23°41	8°13	23°48	1°50	7° 3	5°40	13°37	22°28
T 21	20 31 41	6°52'48	2 ¹⁰ 12	4° 6	2°54	3°15	26°29	23°38	8°14	23°46	1°49	6°58	5°37	13°43	22°24
W22	20 35 38	7°50'18	15°12	4°57	4° 8	3°53	26°41	23°36	8°14	23°45	1°48	6°53	5°34	13°50	22°21
T 23	20 39 35	8°47'50	28°25	5°44	5°22	4°31	26°54	23°33	8°15	23°43	1°47	6°49	5°31	13°57	22°18
F 24	20 43 31	9°45'22	11 ¹⁸ 52	6°28	6°36	5° 9	27° 7	23°31	8°15	23°42	1°45	6°45	5°28	14° 3	22°14
S 25	20 47 28	10°42'55	25°33	7° 9	7°50	5°46	27°20	23°28	8°16	23°40	1°44	6°42	5°25	14°10	22°11
S 26	20 51 24	11°40'30	9 ¹⁰ 26	7°45	9° 5	6°24	27°32	23°26	8°16	23°39	1°43	6°D41	5°21	14°17	22° 8
M27	20 55 21	12°38'05	23°31	8°17	10°19	7° 2	27°45	23°24	8°17	23°37	1°42	6°42	5°18	14°23	22° 4
T 28	20 59 17	13°35'41	7 ²¹ 47	8°46	11°33	7°40	27°58	23°22	8°17	23°35	1°41	6°43	5°15	14°30	22° 1
W29	21 3 14	14°33'18	2 ² 12	9°10	12°47	8°18	28°11	23°20	8°18	23°34	1°40	6°44	5°12	14°37	21°58
T 30	21 7 10	15°30'56	6 ²¹ 43	9°29	14° 1	8°56	28°24	23°18	8°18	23°32	1°39	6°R45	5° 9	14°43	21°55
F 31	21 11 7	16 ¹⁰ 28'35	21 ¹⁸ 16	9 ¹⁰ 43	15 ¹⁰ 15	9 ¹⁰ 34	28 ¹⁰ 36	23 ²¹ 16	8 ¹⁸ 18	23 ³⁰ 30	1 ¹⁸ 38	6 ¹⁰ 44	5 ¹⁰ 5	14 ¹⁰ 50	21 ¹⁸ 52

Day	☉		☽		♀		♂		♄		♃		♁		♁		♆		♁					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
W 1	22n19	20s10	2n13	19n30	1n22	23n33	0n19	15n42	1n10	14n57	0n55	22s20	1n 3	13n44	0s27	13s59	0s32	19s59	3n30	23n18	23n20	20n 3	14s 1	7n32
T 2	22 11 22	35 0 54	18 58	1 16	23 30	0 21	15 30	1 9 14	53 0 55	22 20	1 3 13	44 0 27	13 59 0 32	19 59 3 30	23 18 23 20	20 5 14	2 7 32							
F 3	22 3 23	24 0s28	18 26	1 10	23 27	0 23	15 18	1 9 14	49 0 55	22 20	1 3 13	45 0 27	14 0 0 32	19 59 3 30	23 18 23 20	20 6 14	2 7 32							
S 4	21 55 22	33 1 48	17 53	1 3	23 23	0 26	15 5	1 8 14	46 0 55	22 20	1 3 13	45 0 27	14 0 0 32	20 0 3 29	23 18 23 20	20 8 14	3 7 32							
S 5	21 46 20	11 3 0	17 20	0 56	23 18	0 28	14 52	1 8 14	42 0 55	22 20	1 3 13	46 0 27	14 0 0 32	20 0 3 29	23 18 23 21	20 10 14	3 7 32							
M 6	21 37 16	38 3 58	16 46	0 48	23 13	0 30	14 40	1 8 14	38 0 55	22 20	1 3 13	46 0 27	14 1 0 32	20 0 3 29	23 18 23 21	20 11 14	4 7 32							
T 7	21 27 12	15 4 41	16 12	0 40	23 7	0 32	14 27	1 7 14	34 0 55	22 20	1 3 13	47 0 27	14 1 0 32	20 0 3 29	23 19 23 21	20 13 14	4 7 32							
W 8	21 17 7 25	5 7 15	38 0 31	23 0	0 35	14 14	1 7 14	30 0 55	22 20	1 2 13	47 0 27	14 2 0 32	20 0 3 29	23 19 23 21	20 15 14	5 7 32								
T 9	21 7 2 24	5 16 15	3 0 23	22 53	0 37	14 1	1 6 14	26 0 55	22 20	1 2 13	48 0 27	14 2 0 32	20 0 3 29	23 19 23 21	20 16 14	6 7 32								
F 10	20 56 2n35	5 9 14	28 0 14	22 45	0 39	13 48	1 6 14	21 0 55	22 20	1 2 13	48 0 27	14 3 0 32	20 1 3 29	23 19 23 21	20 18 14	6 7 32								
S 11	20 45 7 20	4 49 13	54 0 4	22 36	0 41	13 35	1 6 14	17 0 55	22 20	1 2 13	48 0 27	14 3 0 32	20 1 3 28	23 19 23 21	20 20 14	7 7 32								
S 12	20 34 11 44	4 16 13	19 0s 6	22 26	0 43	13 21	1 5 14	13 0 55	22 20	1 2 13	49 0 27	14 4 0 32	20 1 3 28	23 19 23 22	20 21 14	7 7 32								
M13	20 22 15 37	3 32 12	45 0 15	22 16	0 45	13 8	1 5 14	9 0 55	22 20	1 2 13	49 0 27	14 4 0 32	20 1 3 28	23 19 23 22	20 23 14	8 7 31								
T 14	20 10 18 52	2 40 12	11 0 26	22 5	0 47	12 54	1 4 14	5 0 55	22 20	1 2 13	49 0 27	14 5 0 32	20 1 3 28	23 19 23 22	20 24 14	9 7 31								
W15	19 57 21 20	1 41 11	37 0 36	21 54	0 49	12 41	1 4 14	1 0 55	22 20	1 2 13	50 0 27	14 5 0 32	20 1 3 28	23 18 23 22	20 26 14	9 7 31								
T 16	19 45 22 53	0 37 11	4 0 47	21 42	0 51	12 27	1 4 13	57 0 55	22 20	1 1 13	50 0 27	14 6 0 32	20 2 3 28	23 18 23 22	20 28 14	10 7 31								
F 17	19 32 23 24	0n29	10 31	0 58	21 29	0 53	12 13	1 3 13	52 0 55	22 20	1 1 13	50 0 27	14 6 0 32	20 2 3 27	23 18 23 22	20 29 14	11 7 31							
S 18	19 18 22 49	1 34 9	59 1 9	21 16	0 55	12 0	1 3 13	48 0 55	22 20	1 1 13	51 0 27	14 7 0 32	20 2 3 27	23 18 23 23	20 31 14	11 7 31								
S 19	19 4 21 7	2 36 9	27 1 20	21 2	0 56	11 46	1 2 13	44 0 55	22 20	1 1 13	51 0 27	14 7 0 32	20 2 3 27	23 19 23 23	20 33 14	12 7 31								
M20	18 50 18 22	3 31 8	56 1 31	20 47	0 58	11 32	1 2 13	40 0 55	22 20	1 1 13	51 0 27	14 8 0 32	20 2 3 27	23 19 23 23	20 34 14	13 7 31								
T 21	18 36 14 43	4 17 8	26 1 43	20 32	1 0	11 18	1 2 13	35 0 55	22 20	1 1 13	51 0 27	14 8 0 32	20 3 3 27	23 19 23 23	20 36 14	13 7 31								
W22	18 21 10 18	4 50 7	57 1 54	20 16	1 1	11 4	1 1 13	31 0 55	22 20	1 0 13	51 0 27	14 9 0 32	20 3 3 27	23 19 23 23	20 37 14	14 7 30								
T 23	18 6 5 21	5 9 7	29 2 6	20 0	1 3	10 49	1 1 13	27 0 55	22 20	1 0 13	52 0 27	14 9 0 32	20 3 3 26	23 20 23 23	20 39 14	15 7 30								
F 24	17 51 0 4	5 11 7	2 2	17 19	43 1	5 10 35	1 0 13	22 0 55	22 20	1 0 13	52 0 27	14 10 0 32	20 3 3 26	23 20 23 23	20 41 14	15 7 30								
S 25	17 36 5s19	4 56 6	36 2 29	19 25	1 6	10 21	1 0 13	18 0 55	22 21	1 0 13	52 0 27	14 11 0 32	20 3 3 26	23 20 23 23	20 42 14	16 7 30								
S 26	17 20 10 31	4 23 6	12 2 41	19 7	1 8	10 6	0 59	13 14 0 55	22 21	1 0 13	52 0 27	14 11 0 32	20 3 3 26	23 20 23 24	20 44 14	17 7 30								
M27	17 4 15 15	3 34 5	49 2 52	18 49	1 9	9 52	0 59	13 9 0 55	22 21	1 0 13	52 0 27	14 12 0 32	20 4 3 26	23 20 23 24	20 45 14	17 7 29								
T 28	16 47 19 11	2 31 5	28 3 3	18 29	1 10	9 37	0 59	13 5 0 55	22 21	1 0 13	52 0 27	14 12 0 33	20 4 3 26	23 20 23 24	20 47 14	18 7 29								
W29	16 31 21 58	1 18 5	9 3 14	18 10	1 12	9 23	0 58	13 0 0 55	22 21	0 59	13 52 0 27	14 13 0 33	20 4 3 25	23 20 23 24	20 49 14	19 7 29								
T 30	16 14 23 20	0 0 4	52 3 25	17 50	1 13	9 8	0 58	12 56 0 55	22 21	0 59	13 53 0 27	14 13 0 33	20 4 3 25	23 20 23 24	20 50 14	20 7 29								
F 31	1																							

SWISS EPHEMERIS for the year 1517

AUGUST 1517 JC

00:00 UT

Main astronomical ephemeris table with columns for Day, Sid.t, and various zodiac signs (♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓) and their corresponding coordinates.

Secondary astronomical ephemeris table with columns for Day, and pairs of declination and latitude for the zodiac signs.

Julian Day Number = 2275354.5, Delta T = 182.45 sec
Ecliptic obliquity = 23°30'06, Nutation = - 0°00'16
Ayanamsha: Fagan/Bradley = 18°00'33, Lahiri = 17°07'33 Julian Calendar 1 Aug. 1517 == Greg. Calendar 11 Aug. 1517

SWISS EPHEMERIS for the year 1517

SEPTEMBER 1517 JC

00:00 UT

Day	Sid.t	☉	☽	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑
T 1	23 17 17	17 ^h 27'45"	26 ^h 8'	29 ^h 03'	24 ^h 58'	0 ^h 10'	5 ^h 32'	23 ^h 9'	8 ^h R 0	22 ^h R40	1 ^h R21	4 ^h R20	3 ^h 24	18 ^h 23	20 ^h R40			
W 2	23 21 13	18 ^h 26'19"	9 ^h Y'19	0 ^h 37'	26 ^h 12'	0 ^h 49'	5 ^h 44'	23 ^h 10'	7 ^h 59	22 ^h R38	1 ^h R21	4 ^h R 8	3 ^h 21	18 ^h 29	20 ^h R39			
T 3	23 25 10	19 ^h 24'55"	22 ^h 11'	1 ^h 45'	27 ^h 27'	1 ^h 28'	5 ^h 57'	23 ^h 12'	7 ^h 58	22 ^h 37	1 ^h 21	3 ^h 56	3 ^h 17	18 ^h 36	20 ^h R38			
F 4	23 29 6	20 ^h 23'33"	4 ^h 8'45"	2 ^h 59'	28 ^h 41'	2 ^h 8'	6 ^h 10'	23 ^h 13'	7 ^h 56	22 ^h 35	1 ^h D21	3 ^h 47	3 ^h 14	18 ^h 43	20 ^h R37			
S 5	23 33 3	21 ^h 22'14"	17 ^h 1'	4 ^h 20'	29 ^h 56'	2 ^h 47'	6 ^h 23'	23 ^h 15'	7 ^h 55	22 ^h 34	1 ^h 21	3 ^h 40	3 ^h 11	18 ^h 49	20 ^h R36			
S 6	23 36 59	22 ^h 20'56"	29 ^h 4'	5 ^h 45'	1 ^h 11'	3 ^h 26'	6 ^h 36'	23 ^h 17'	7 ^h 53	22 ^h 32	1 ^h 21	3 ^h 36	3 ^h 8	18 ^h 56	20 ^h R35			
M 7	23 40 56	23 ^h 19'41"	10 ^h II'57	7 ^h 15'	2 ^h 25'	4 ^h 6'	6 ^h 48'	23 ^h 18'	7 ^h 52	22 ^h 31	1 ^h 21	3 ^h 33	3 ^h 5	19 ^h 3	20 ^h R34			
T 8	23 44 53	24 ^h 18'28"	22 ^h 45'	8 ^h 49'	3 ^h 40'	4 ^h 45'	7 ^h 1'	23 ^h 20'	7 ^h 50	22 ^h 30	1 ^h 21	3 ^h D33	3 ^h 2	19 ^h 9	20 ^h R33			
W 9	23 48 49	25 ^h 17'18"	4 ^h 35'	10 ^h 26'	4 ^h 55'	5 ^h 25'	7 ^h 14'	23 ^h 22'	7 ^h 48	22 ^h 28	1 ^h 21	3 ^h R33	2 ^h 58	19 ^h 16	20 ^h R32			
T 10	23 52 46	26 ^h 16'10"	16 ^h 30'	12 ^h 6'	6 ^h 9'	6 ^h 4'	7 ^h 27'	23 ^h 25'	7 ^h 47	22 ^h 27	1 ^h 21	3 ^h 32	2 ^h 55	19 ^h 23	20 ^h R31			
F 11	23 56 42	27 ^h 15'04"	28 ^h 38'	13 ^h 48'	7 ^h 24'	6 ^h 44'	7 ^h 39'	23 ^h 27'	7 ^h 45	22 ^h 26	1 ^h 22	3 ^h 30	2 ^h 52	19 ^h 29	20 ^h R31			
S 12	0 0 39	28 ^h 14'00"	11 ^h Ω 1	15 ^h 32'	8 ^h 39'	7 ^h 24'	7 ^h 52'	23 ^h 29'	7 ^h 43	22 ^h 25	1 ^h 22	3 ^h 26	2 ^h 49	19 ^h 36	20 ^h R30			
S 13	0 4 35	29 ^h 12'58"	23 ^h 45'	17 ^h 17'	9 ^h 53'	8 ^h 3'	8 ^h 4'	23 ^h 31'	7 ^h 42	22 ^h 23	1 ^h 22	3 ^h 19	2 ^h 46	19 ^h 43	20 ^h R30			
M14	0 8 32	0 ^h 11'59"	6 ^h 50'	19 ^h 3'	11 ^h 8'	8 ^h 43'	8 ^h 17'	23 ^h 34'	7 ^h 40	22 ^h 22	1 ^h 22	3 ^h 9	2 ^h 42	19 ^h 49	20 ^h R29			
T 15	0 12 28	1 ^h 11'02"	20 ^h 17'	20 ^h 50'	12 ^h 23'	9 ^h 23'	8 ^h 29'	23 ^h 37'	7 ^h 38	22 ^h 21	1 ^h 23	2 ^h 57	2 ^h 39	19 ^h 56	20 ^h R29			
W16	0 16 25	2 ^h 10'07"	4 ^h 5'	22 ^h 37'	13 ^h 38'	10 ^h 2'	8 ^h 42'	23 ^h 39'	7 ^h 36	22 ^h 20	1 ^h 23	2 ^h 45	2 ^h 36	20 ^h 3	20 ^h R29			
T 17	0 20 22	3 ^h 9'14"	18 ^h 8'	24 ^h 25'	14 ^h 52'	10 ^h 42'	8 ^h 54'	23 ^h 42'	7 ^h 34	22 ^h 19	1 ^h 23	2 ^h 33	2 ^h 33	20 ^h 9	20 ^h R29			
F 18	0 24 18	4 ^h 8'22"	2 ^h 13'	26 ^h 13'	16 ^h 7'	11 ^h 22'	9 ^h 7'	23 ^h 45'	7 ^h 32	22 ^h 17	1 ^h 24	2 ^h 22	2 ^h 30	20 ^h 16	20 ^h D29			
S 19	0 28 15	5 ^h 7'33"	16 ^h 43'	28 ^h 0'	17 ^h 22'	12 ^h 2'	9 ^h 19'	23 ^h 48'	7 ^h 30	22 ^h 16	1 ^h 24	2 ^h 14	2 ^h 27	20 ^h 22	20 ^h R29			
S 20	0 32 11	6 ^h 6'46"	1 ^h 7' 3	29 ^h 48'	18 ^h 36'	12 ^h 42'	9 ^h 31'	23 ^h 51'	7 ^h 28	22 ^h 15	1 ^h 25	2 ^h 9	2 ^h 23	20 ^h 29	20 ^h R29			
M21	0 36 8	7 ^h 6'01"	15 ^h 21'	1 ^h 34'	19 ^h 51'	13 ^h 22'	9 ^h 44'	23 ^h 54'	7 ^h 26	22 ^h 14	1 ^h 25	2 ^h 7	2 ^h 20	20 ^h 36	20 ^h R29			
T 22	0 40 4	8 ^h 5'17"	29 ^h 32'	3 ^h 21'	21 ^h 6'	14 ^h 2'	9 ^h 56'	23 ^h 57'	7 ^h 24	22 ^h 13	1 ^h 26	2 ^h 6	2 ^h 17	20 ^h 42	20 ^h R29			
W23	0 44 1	9 ^h 4'36"	13 ^h 36'	5 ^h 7'	22 ^h 31'	14 ^h 42'	10 ^h 8'	24 ^h 0'	7 ^h 22	22 ^h 12	1 ^h 26	2 ^h 6	2 ^h 14	20 ^h 49	20 ^h R30			
T 24	0 47 57	10 ^h 3'56"	27 ^h 32'	6 ^h 52'	23 ^h 35'	15 ^h 22'	10 ^h 20'	24 ^h 4'	7 ^h 20	22 ^h 11	1 ^h 27	2 ^h 5	2 ^h 11	20 ^h 56	20 ^h R30			
F 25	0 51 54	11 ^h 3'17"	11 ^h 7'19"	8 ^h 37'	24 ^h 50'	16 ^h 2'	10 ^h 32'	24 ^h 7'	7 ^h 18	22 ^h 10	1 ^h 28	2 ^h 3	2 ^h 8	21 ^h 2	20 ^h R30			
S 26	0 55 51	12 ^h 2'41"	24 ^h 59'	10 ^h 21'	26 ^h 5'	16 ^h 43'	10 ^h 44'	24 ^h 11'	7 ^h 16	22 ^h 9	1 ^h 28	1 ^h 57	2 ^h 4	21 ^h 9	20 ^h R31			
S 27	0 59 47	13 ^h 2'06"	8 ^h 29'	12 ^h 5'	27 ^h 20'	17 ^h 23'	10 ^h 56'	24 ^h 14'	7 ^h 14	22 ^h 8	1 ^h 29	1 ^h 49	2 ^h 1	21 ^h 16	20 ^h R31			
M28	1 3 44	14 ^h 1'33"	21 ^h 48'	13 ^h 47'	28 ^h 34'	18 ^h 3'	11 ^h 8'	24 ^h 18'	7 ^h 11	22 ^h 8	1 ^h 30	1 ^h 38	1 ^h 58	21 ^h 22	20 ^h R32			
T 29	1 7 40	15 ^h 1'02"	4 ^h 55'	15 ^h 29'	29 ^h 49'	18 ^h 43'	11 ^h 20'	24 ^h 22'	7 ^h 9	22 ^h 7	1 ^h 31	1 ^h 25	1 ^h 55	21 ^h 29	20 ^h R33			
W30	1 11 37	16 ^h 0'33"	17 ^h 49'	17 ^h 11'	1 ^h 11'	19 ^h 24'	11 ^h 32'	24 ^h 26'	7 ^h 7	22 ^h 6	1 ^h 31	1 ^h 23	1 ^h 52	21 ^h 36	20 ^h R34			

Day	☉	☽	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	4n58	6s 6	4s58	12n 9	0n33	3n13	1n19	0n35	0n43	10n24	0n57	22s26	0n54	13n46	0s28	14s31	0s33	20s11
W 2	4 35	0 54	5 0	12 0	0 46	2 43	1 18	0 19	0 42	10 19	0 57	22 26	0 54	13 46	0 28	14 31	0 33	20 11
T 3	4 12	4n14	4 47	11 47	0 58	2 12	1 17	0 3	0 42	10 14	0 57	22 26	0 53	13 45	0 28	14 32	0 33	20 11
F 4	3 49	9 4	4 19	11 30	1 8	1 41	1 16	0s13	0 41	10 10	0 57	22 26	0 53	13 45	0 28	14 32	0 33	20 11
S 5	3 26	13 26	3 40	11 9	1 17	1 10	1 15	0 29	0 41	10 5	0 57	22 27	0 53	13 45	0 28	14 33	0 33	20 12
S 6	3 3 17	12 12	2 52	10 45	1 26	0 40	1 14	0 45	0 40	10 0	0 58	22 27	0 53	13 44	0 28	14 33	0 33	20 12
M 7	2 39	20 13	1 57	10 18	1 33	0 9	1 13	1 1	0 40	9 56	0 58	22 27	0 53	13 44	0 28	14 34	0 33	20 12
T 8	2 16	22 21	0 57	9 49	1 39	0s22	1 12	1 17	0 39	9 51	0 58	22 27	0 53	13 43	0 28	14 34	0 33	20 12
W 9	1 53	23 31	0n 5	9 16	1 43	0 53	1 10	1 34	0 39	9 46	0 58	22 28	0 52	13 42	0 28	14 35	0 33	20 12
T 10	1 29	23 36	1 8	8 42	1 47	1 24	1 9	1 50	0 38	9 42	0 58	22 28	0 52	13 42	0 28	14 35	0 33	20 13
F 11	1 6	22 35	2 9	8 5	1 50	1 55	1 7	2 6	0 38	9 37	0 58	22 28	0 52	13 41	0 28	14 35	0 33	20 13
S 12	0 42	20 28	3 4	7 26	1 52	2 26	1 6	2 22	0 37	9 32	0 58	22 29	0 52	13 41	0 28	14 36	0 33	20 13
S 13	0 19	17 18	3 53	6 46	1 53	2 56	1 4	2 38	0 37	9 28	0 58	22 29	0 52	13 40	0 28	14 36	0 33	20 13
M14	0s 5	13 12	4 30	6 5	1 53	3 27	1 3	2 54	0 36	9 23	0 58	22 29	0 52	13 40	0 28	14 37	0 33	20 13
T 15	0 28	8 21	4 53	5 22	1 53	3 58	1 1	3 10	0 36	9 19	0 58	22 29	0 52	13 39	0 28	14 37	0 33	20 14
W16	0 52	2 58	5 0	4 38	1 51	4 29	1 0	3 27	0 35	9 14	0 59	22 30	0 51	13 38	0 28	14 37	0 33	20 14
T 17	1 15	2s40	4 49	3 54	1 50	4 59	0 58	3 43	0 35	9 9	0 59	22 30	0 51	13 38	0 28	14 38	0 33	20 14
F 18	1 39	8 15	4 21	3 9	1 47	5 30	0 56	3 59	0 34									

SWISS EPHEMERIS for the year 1517

OCTOBER 1517 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♂	♁	♂	♂	♂	♂	♂	♂	♂	♂
T 1	1 15 33	17°52'00"	0°27'	18°52'	2°18'	20°04'	11°44'	24°30'	7°R 5	22°R 5	1°32'	1°R 0	1°48'	21°42'	20°35'	
F 2	1 19 30	17°59'41"	12°52'	20°32'	3°33'	20°44'	11°55'	24°34'	7°R 2	22°R 4	1°33'	0°50'	1°45'	21°49'	20°36'	
S 3	1 23 26	18°59'19"	25° 2	22°11'	4°48'	21°25'	12° 7	24°38'	7° 0	22° 4	1°34'	0°42'	1°42'	21°56'	20°37'	
S 4	1 27 23	19°58'58"	7°11'	23°50'	6° 2	22° 6	12°18'	24°42'	6°58'	22° 3	1°35'	0°37'	1°39'	22° 2	20°38'	
M 5	1 31 19	20°58'40"	18°52'	25°28'	7°17'	22°46'	12°30'	24°46'	6°55'	22° 2	1°36'	0°34'	1°36'	22° 9	20°39'	
T 6	1 35 16	21°58'24"	0°39'	27° 6	8°32'	23°27'	12°41'	24°50'	6°53'	22° 2	1°37'	0°D34'	1°33'	22°15'	20°40'	
W 7	1 39 13	22°58'11"	12°27'	28°43'	9°47'	24° 7	12°53'	24°55'	6°51'	22° 1	1°38'	0°34'	1°29'	22°22'	20°42'	
T 8	1 43 9	23°57'59"	24°22'	0°19'	11° 1	24°48'	13° 4	24°59'	6°48'	22° 0	1°39'	0°R34'	1°26'	22°29'	20°43'	
F 9	1 47 6	24°57'50"	6°28'	1°55'	12°16'	25°29'	13°15'	25° 4	6°46'	22° 0	1°40'	0°34'	1°23'	22°35'	20°45'	
S 10	1 51 2	25°57'43"	18°51'	3°31'	13°31'	26°10'	13°26'	25° 8	6°43'	21°59'	1°41'	0°31'	1°20'	22°42'	20°46'	
S 11	1 54 59	26°57'38"	1°37'	5° 6	14°45'	26°50'	13°38'	25°13'	6°41'	21°59'	1°42'	0°26'	1°17'	22°49'	20°48'	
M 12	1 58 55	27°57'36"	14°47'	6°40'	16° 0	27°31'	13°49'	25°18'	6°38'	21°59'	1°43'	0°19'	1°14'	22°55'	20°49'	
T 13	2 2 52	28°57'35"	28°23'	8°14'	17°15'	28°12'	13°59'	25°23'	6°36'	21°58'	1°44'	0°10'	1°10'	23° 2	20°51'	
W 14	2 6 48	29°57'37"	12°25'	9°47'	18°30'	28°53'	14°10'	25°28'	6°34'	21°58'	1°46'	29°59'	1° 7	23° 9	20°53'	
T 15	2 10 45	0°57'40"	26°48'	11°20'	19°44'	29°34'	14°21'	25°33'	6°31'	21°57'	1°47'	29°50'	1° 4	23°15'	20°55'	
F 16	2 14 42	1°57'46"	11°27'	12°53'	20°59'	0°15'	14°32'	25°38'	6°29'	21°57'	1°48'	29°41'	1° 1	23°22'	20°57'	
S 17	2 18 38	2°57'53"	26°13'	14°25'	22°14'	0°56'	14°42'	25°43'	6°26'	21°57'	1°49'	29°35'	0°58'	23°29'	20°59'	
S 18	2 22 35	3°58'03"	10°59'	15°56'	23°28'	1°38'	14°53'	25°48'	6°24'	21°57'	1°51'	29°31'	0°54'	23°35'	21° 1	
M 19	2 26 31	4°58'14"	25°38'	17°27'	24°43'	2°19'	15° 3	25°53'	6°21'	21°56'	1°52'	29°D29'	0°51'	23°42'	21° 3	
T 20	2 30 28	5°58'26"	10°36'	18°58'	25°58'	3° 0	15°14'	25°58'	6°19'	21°56'	1°53'	29°30'	0°48'	23°48'	21° 6	
W 21	2 34 24	6°58'40"	24°18'	20°28'	27°12'	3°41'	15°24'	26° 4	6°16'	21°56'	1°55'	29°31'	0°45'	23°55'	21° 8	
T 22	2 38 21	7°58'56"	8°31'	21°58'	28°27'	4°23'	15°34'	26° 9	6°14'	21°56'	1°56'	29°R31'	0°42'	24° 2	21°10'	
F 23	2 42 17	8°59'12"	21°55'	23°28'	29°42'	5° 4	15°44'	26°15'	6°11'	21°56'	1°57'	29°30'	0°39'	24° 8	21°13'	
S 24	2 46 14	9°59'31"	5°20'	24°57'	0°56'	5°45'	15°54'	26°20'	6° 9	21°56'	1°59'	29°27'	0°35'	24°15'	21°15'	
S 25	2 50 11	10°59'50"	18°31'	26°25'	2°11'	6°27'	16° 4	26°26'	6° 6	21°D56'	2° 0	29°22'	0°32'	24°22'	21°18'	
M 26	2 54 7	12° 0'12"	1°29'	27°53'	3°26'	7° 8	16°14'	26°31'	6° 4	21°56'	2° 2	29°15'	0°29'	24°28'	21°21'	
T 27	2 58 4	13° 0'34"	14°14'	29°21'	4°40'	7°50'	16°23'	26°37'	6° 1	21°56'	2° 3	29° 7	0°26'	24°35'	21°23'	
W 28	3 2 0	14° 0'58"	26°48'	0°48'	5°55'	8°32'	16°33'	26°43'	5°59'	21°56'	2° 5	28°58'	0°23'	24°42'	21°26'	
T 29	3 5 57	15° 1'24"	9°10'	2°14'	7°10'	9°13'	16°42'	26°49'	5°56'	21°56'	2° 6	28°50'	0°19'	24°48'	21°29'	
F 30	3 9 53	16° 1'52"	21°21'	3°40'	8°24'	9°55'	16°52'	26°54'	5°54'	21°56'	2° 8	28°43'	0°16'	24°55'	21°32'	
S 31	3 13 50	17°12'21"	3°23'	5° 6	9°39'	10°37'	17°10'	27° 0	5°52'	21°56'	2°10'	28°38'	0°13'	25°11'	21°35'	

Day	☉	☽	♀	♁	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	6s42	7n33	4s23	6s45	0n42	11s51	0n29	7s26	0n28	8n 7	1n 0	22s34	0n49	13n28	0s28	14s42
F 2	7 5 12	10 3	4s 7	7 29	0 36	12 19	0 27	7 42	0 27	8 2	1 1	22 34	0 49	13 27	0 28	14 42
S 3	7 27 16	13 2	5 8	8 12	0 29	12 46	0 24	7 58	0 27	7 58	1 1	22 35	0 49	13 27	0 28	14 43
S 4	7 50 19	32 2	2 8	8 55	0 23	13 14	0 22	8 13	0 26	7 54	1 1	22 35	0 49	13 26	0 28	14 43
M 5	8 12 22	0 1	2 9	9 37	0 16	13 40	0 20	8 29	0 26	7 50	1 1	22 35	0 49	13 25	0 28	14 43
T 6	8 35 23	31 0n	1 10	10 19	0 9	14 7	0 17	8 45	0 25	7 45	1 1	22 36	0 48	13 24	0 28	14 43
W 7	8 57 23	58 1	3 11	0 3	14 33	0 15	9 0	0 24	7 41	1 1	22 36	0 48	13 24	0 28	14 43	
T 8	9 19 23	20 2	4 11	41 0s	4 14	59 0	12 9	15 0	24 7	37 1	1 22	36 0	48 13	23 0	28 14	44 0
F 9	9 41 21	36 2	5 9	12 0	11 15	24 0	10 9	31 0	23 7	33 1	2 22	37 0	48 13	22 0	28 14	44 0
S 10	10 3 18	49 3	4 8	13 0	0 18	15 49	0 7	9 46	0 23	7 29	1 2	22 37	0 48	13 21	0 28	14 44
S 11	10 25 15	5 4	2 7	13 38	0 24	16 14	0 5	10 2	0 22	7 24	1 2	22 37	0 48	13 20	0 28	14 44
M 12	10 47 10	31 4	5 4	14 16	0 31	16 38	0 2	10 17	0 22	7 20	1 2	22 38	0 48	13 20	0 28	14 44
T 13	11 8 5 18	5 4	4 14	53 0	38 17	2 0s	10 32	0 21	7 16	1 2	22 38	0 47	13 19	0 28	14 44	
W 14	11 29 0s21	4 57	15 29	0 44	17 25	0 3	10 47	0 21	7 12	1 2	22 38	0 47	13 18	0 28	14 44	
T 15	11 50 6 8	4 32	16 4	0 51	17 48	0 6	11 2	0 20	7 8	1 3	22 38	0 47	13 17	0 28	14 45	
F 16	12 11 11 41	3 48	16 39	0 57	18 11	0 8	11 17	0 20	7 4	1 3	22 39	0 47	13 16	0 28	14 45	
S 17	12 32 16 37	2 49	17 13	1 4	18 33	0 11	11 32	0 19	7 0	1 3	22 39	0 47	13 16	0 28	14 45	
S 18	12 52 20 32	1 38	17 46	1 10	18 54	0 13	11 47	0 18	6 56	1 3	22 39	0 47	13 15	0 28	14 45	
M 19	13 13 23 5	0 21	18 18	1 16	19 15	0 16	12 2	0 18	6 52	1 3	22 40	0 47	13 14	0 28	14 45	
T 20	13 33 24 4	0s57	18 49	1 22	19 36	0 19	12 16	0 17	6 49	1 3	22 40	0 47	13 13	0 28	14 45	
W 21	13 53 23 26	2 9	19 19	1 28	19 56	0 21	12 31	0 17	6 45	1 4	22 40	0 46	13 12	0 28	14 45	
T 22	14 12 21 22	3 13	19 49	1 33	20 15	0 24	12 46	0 16	6 41	1 4	22 40	0 46	13 11	0 28	14 45	
F 23	14 32 18 5	4 4	20 17	1 39	20 34	0 26	13 0	0 16	6 37	1 4	22 41	0 46	13 11	0 28	14 45	
S 24	14 51 13 56	4 41	20 44	1 44	20 52	0 29	13 14	0 15	6 34	1 4	22 41	0 46	13 10	0 28	14 45	
S 25	15 10 9 11	5 2	21 11	1 50	21 10	0 31	13 29	0 14	6 30	1 4	22 41	0 46	13 9	0 28	14 45	
M 26	15 29 4 7	5 8	21 36	1 55	21 27	0 34	13 43	0 13	6 26	1 5	22 42	0 46	13 8	0 28	14 45	
T 27	15 47 1n 4	4 57	22 0	1 59	21 44	0 37	13 57	0 13	6 23	1 5	22 42	0 46	13 7	0 28	14 45	
W 28	16 5 6 7	4 33	22 23	2 4	22 0	0 39	14 11	0 13	6 19	1 5	22 42	0 46	13 7	0 28	14 45	
T 29	16 23 10 52	3 56	22 45	2 8	22 15	0 42	14 25	0 12	6 16	1 5	22 42	0 45	13 6	0 28	14 45	
F 30	16 41 15 7	3 8	23 6	2 12	22 29	0 44	14 39	0 11	6 12	1 5	22 43	0 45	13 5	0 28	14 45	
S 31	16s58	18n43	2s13	23s26	2s16	22s43	0s47	14s52	0n11	6n 9	1n 5	22s43	0n45	13n 4	0s28	14s45

Julian Day Number = 2275415.5, Delta T = 182.32 sec
 Ecliptic obliquity = 23°30'07", Nutation = - 0°00'18"
 Ayanamsha: Fagan/Bradley = 18°00'41", Lahiri = 17°07'41" Julian Calendar 1 Oct. 1517 == Greg. Calendar 11 Oct. 1517

SWISS EPHEMERIS for the year 1517

NOVEMBER 1517 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	3 17 46	18♌ 2°52'	15♌ 17°17'	6♌ 30°17'	10♌ 54°12'	11♌ 18°12'	17♌ 10°17'	27♌ 6°12'	5°R49	21♌ 57°57'	2♌ 11°28'	28°R35	0♌ 10°07'	25♌ 8°15'	21♌ 38°41'	
M 2	3 21 43	19° 3'24"	27° 6'	7°54'	12° 8'	12° 0'	17°19'	27°12'	5♌ 47°54'	21°57'	2°13'	28°D34	0° 7'	25°15'	21°41'	
T 3	3 25 40	20° 3'58"	8♌ 52°9'	9°16'	13°23'	12°42'	17°28'	27°18'	5°44'	21°57'	2°15'	28°II34	0° 4'	25°22'	21°44'	
W 4	3 29 36	21° 4'34"	20°40'	10°38'	14°37'	13°24'	17°37'	27°25'	5°42'	21°57'	2°16'	28°36'	0° 0'	25°28'	21°47'	
T 5	3 33 33	22° 5'12"	2♌ 33°11'	11°59'	15°52'	14° 6'	17°46'	27°31'	5°40'	21°58'	2°18'	28°38'	29°II57'	25°35'	21°51'	
F 6	3 37 29	23° 5'51"	14°38'	13°18'	17° 6'	14°48'	17°54'	27°37'	5°37'	21°58'	2°20'	28°39'	29°54'	25°41'	21°54'	
S 7	3 41 26	24° 6'32"	26°58'	14°36'	18°21'	15°30'	18° 3'	27°43'	5°35'	21°59'	2°21'	28°R39'	29°51'	25°48'	21°57'	
S 8	3 45 22	25° 7'14"	9♌ 39°15'	15°52'	19°36'	16°12'	18°11'	27°49'	5°33'	21°59'	2°23'	28°38'	29°48'	25°55'	22° 1'	
M 9	3 49 19	26° 7'59"	22°44'	17° 6'	20°50'	16°54'	18°19'	27°56'	5°30'	22° 0'	2°25'	28°36'	29°45'	26° 1'	22° 4'	
T 10	3 53 15	27° 8'44"	6♌ 18°18'	18°18'	22° 5'	17°36'	18°27'	28° 2'	5°28'	22° 0'	2°27'	28°32'	29°41'	26° 8'	22° 8'	
W 11	3 57 12	28° 9'32"	20°19'	19°27'	23°19'	18°19'	18°35'	28° 8'	5°26'	22° 1'	2°28'	28°27'	29°38'	26°15'	22°11'	
T 12	4 1 9	29°10'21"	4♌ 47°20'	20°34'	24°34'	19° 1'	18°43'	28°15'	5°24'	22° 1'	2°30'	28°23'	29°35'	26°21'	22°15'	
F 13	4 5 5	0♌ 11°11'	19°38'	21°37'	25°48'	19°43'	18°51'	28°21'	5°21'	22° 2'	2°32'	28°19'	29°32'	26°28'	22°19'	
S 14	4 9 2	1°12'02"	4♌ 39°22'	22°37'	27° 3'	20°26'	18°58'	28°28'	5°19'	22° 3'	2°34'	28°16'	29°29'	26°35'	22°22'	
S 15	4 12 58	2°12'55"	19°46'	23°32'	28°17'	21° 8'	19° 6'	28°34'	5°17'	22° 3'	2°36'	28°14'	29°25'	26°41'	22°26'	
M 16	4 16 55	3°13'49"	4♌ 49°24'	24°23'	29°32'	21°50'	19°13'	28°41'	5°15'	22° 4'	2°38'	28°D14'	29°22'	26°48'	22°30'	
T 17	4 20 51	4°14'44"	19°38'	25° 7'	0♌ 46°22'	22°33'	19°20'	28°48'	5°13'	22° 5'	2°40'	28°15'	29°19'	26°55'	22°34'	
W 18	4 24 48	5°15'40"	4♌ 9°25'	25°46'	2° 1'	23°16'	19°27'	28°54'	5°11'	22° 6'	2°42'	28°17'	29°16'	27° 1'	22°38'	
T 19	4 28 44	6°16'36"	18°18'	26°17'	3°15'	23°58'	19°34'	29° 1'	5° 9'	22° 7'	2°44'	28°18'	29°13'	27° 8'	22°42'	
F 20	4 32 41	7°17'33"	2♌ 4°26'	26°41'	4°30'	24°41'	19°41'	29° 8'	5° 7'	22° 7'	2°46'	28°R19'	29°10'	27°15'	22°46'	
S 21	4 36 38	8°18'31"	15°28'	26°56'	5°44'	25°23'	19°47'	29°14'	5° 5'	22° 8'	2°47'	28°19'	29° 6'	27°21'	22°50'	
S 22	4 40 34	9°19'29"	28°31'	27°R 1'	6°59'	26° 6'	19°54'	29°21'	5° 3'	22° 9'	2°49'	28°18'	29° 3'	27°28'	22°54'	
M 23	4 44 31	10°20'28"	11°V 16°26'	26°55'	8°13'	26°49'	20° 0'	29°28'	5° 1'	22°10'	2°51'	28°16'	29° 0'	27°34'	22°58'	
T 24	4 48 27	11°21'28"	23°46'	26°39'	9°27'	27°32'	20° 6'	29°35'	4°59'	22°11'	2°53'	28°13'	28°57'	27°41'	23° 3'	
W 25	4 52 24	12°22'28"	6♌ 4°26'	26°12'	10°42'	28°15'	20°12'	29°42'	4°57'	22°12'	2°55'	28°11'	28°54'	27°48'	23° 7'	
T 26	4 56 20	13°23'30"	18°11'	25°32'	11°56'	28°57'	20°18'	29°48'	4°55'	22°13'	2°57'	28° 8'	28°51'	27°54'	23°11'	
F 27	5 0 17	14°24'31"	0♌ 11°24'	24°42'	13°10'	29°40'	20°23'	29°55'	4°54'	22°14'	2°59'	28° 6'	28°47'	28° 1'	23°16'	
S 28	5 4 13	15°25'34"	12° 4'	23°41'	14°25'	0♌ 23°20'	20°29'	0♌ 2°45'	4°52'	22°16'	3° 1'	28° 5'	28°44'	28° 8'	23°20'	
S 29	5 8 10	16°26'37"	23°54'	22°32'	15°39'	1° 6'	20°34'	0° 9'	4°50'	22°17'	3° 4'	28°D 4'	28°41'	28°14'	23°24'	
M 30	5 12 7	17°27'41"	5♌ 41°21'	1♌ 15°16'	1♌ 53°1♌ 49°	1♌ 49°	20°II 39'	0♌ 16°4♌ 49°	22°II 18°	3♌ 6°	28°II 4'	28°II 38'	28°II 21'	23♌ 29°		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
S 1	17s15	21n30	1s12	23s44	2s19	22s57	0s49	15s 6	0n10	6n 5	1n 6	22s43	0n45	13n 3	0s28	14s45	0s33	20s22	3n 7	23n30	23n30	22n58	15s 5	6n45
M 2	17 32	23 20	0 8	24 1	2 22	23 9	0 51	15 19	0 10	6 2	1 6	22 43	0 45	13 3	0 28	14 45	0 33	20 22	3 7	23 30	23 30	22 59	15 5	6 45
T 3	17 48	24 8	0n56	24 17	2 24	23 21	0 54	15 33	0 9	5 59	1 6	22 44	0 45	13 2	0 28	14 44	0 33	20 22	3 7	23 30	23 30	23 0	15 5	6 45
W 4	18 4 23	51 1 58	24 31	2 27	23 33	0 56	15 46	0 9	5 55	1 6	22 44	0 45	13 1	0 28	14 44	0 33	20 22	3 7	23 30	23 30	23 1	15 5	6 44	
T 5	18 20	22 29	2 55	24 44	2 28	23 43	0 59	15 59	0 8	5 52	1 7	22 44	0 45	13 0	0 28	14 44	0 33	20 22	3 7	23 30	23 30	23 2	15 5	6 44
F 6	18 36	20 5	3 46	24 56	2 30	23 53	1 1	16 12	0 7	5 49	1 7	22 44	0 45	13 0	0 28	14 44	0 33	20 23	3 6	23 30	23 30	23 3	15 5	6 43
S 7	18 51	16 44	4 27	25 6	2 30	24 2	1 3	16 25	0 7	5 46	1 7	22 44	0 44	12 59	0 28	14 44	0 33	20 23	3 6	23 30	23 30	23 4	15 5	6 43
S 8	19 6	12 32	4 56	25 15	2 31	24 11	1 5	16 38	0 6	5 43	1 7	22 45	0 44	12 58	0 28	14 44	0 33	20 23	3 6	23 30	23 30	23 5	15 4	6 42
M 9	19 20	7 39	5 12	25 22	2 30	24 18	1 8	16 50	0 6	5 40	1 7	22 45	0 44	12 57	0 28	14 44	0 33	20 23	3 6	23 30	23 30	23 6	15 4	6 42
T 10	19 34	2 15	5 10	25 28	2 29	24 25	1 10	17 3	0 5	5 37	1 8	22 45	0 44	12 57	0 28	14 43	0 33	20 23	3 6	23 30	23 30	23 8	15 4	6 42
W 11	19 48	3s28	4 51	25 32	2 28	24 32	1 12	17 15	0 5	5 34	1 8	22 45	0 44	12 56	0 28	14 43	0 32	20 23	3 6	23 30	23 30	23 9	15 4	6 41
T 12	20 2 9	11 4 13	25 35	2 25	24 37	1 14	17 27	0 4	5 31	1 8	22 45	0 44	12 55	0 28	14 43	0 32	20 23	3 5	23 30	23 30	23 10	15 4	6 41	
F 13	20 15	14 31	3 17	25 36	2 22	24 42	1 16	17 40	0 3	5 28	1 8	22 46	0 44	12 54	0 28	14 43	0 32	20 23	3 5	23 29	23 30	23 11	15 4	6 40
S 14	20 27	19 3	2 6	25 35	2 18	24 46	1 18	17 51	0 3	5 26	1 9	22 46	0 44	12 54	0 28	14 43	0 32	20 23	3 5	23 29	23 30	23 12	15 3	6 40
S 15	20 40	22 20	0 46	25 33	2 12	24 49	1 20	18 3	0 2	5 23	1 9	22 46	0 44	12 53	0 28	14 42	0 32	20 24	3 5	23 29	23 30	23 13	15 3	6 40
M 16	20 51	24 1	0s36	25 29	2 6	24 52	1 22	18 15	0 1	5 20	1 9	22 46	0 44	12 52	0 28	14 42	0 32	20 24	3 5	23 29	23 30	23 14	15 3	6 39
T 17	21 3 23	58 1 55	25 24	1 59	24 54	1 24	18 27	0 1	5 18	1 9	22 46	0 43	12 52	0 28	14 42	0 32	20 24	3 5	23 29	23 30	23 15	15 3	6 39	
W 18	21 14	22 16	3 5	25 17	1 51	24 55	1 26	18 38	0 0	5 15	1 9	22 46	0 43	12 51	0 28	14 42	0 32	20 24	3 5	23 29	23 30	23 16	15 2	6 39
T 19	21 25	19 13	4 2	25 8	1 41	24 55	1 27	18 49	0s 0	5 13	1 10	22 47	0 43	12 50	0 28	14 41	0 32	20 24	3 4	23 29	23 30	23 17	15 2	6 38
F 20	21 35	15 10	4 44	24 57	1 30	24 54	1 29	19 0	0 1	5 10	1 10	22 47	0 43	12 50	0 28	14 41	0 32	20 24	3 4	23 29	23 30	23 18	15 2	6 38
S 21	21 45	10 28	5 8	24 45	1 18	24 53	1 31	19 11	0 2	5 8	1 10	22 47	0 43	12 49	0 28	14 41	0 32	20 24	3 4	23 29	23 30	23 19	15 1	6 38
S 22	21 54	5 25	5 16	24 32	1 4	24 51	1 32	19 22	0 2	5 6	1 10	22 47	0 43	12 48	0 28	14 40	0 32	20 24	3 4	23 29	23 30	23 20	15 1	6 37
M 23	22 3	0 15	5 8	24 16	0 49	24 48	1 34	19 33	0 3	5 3	1 11	22 47	0 43	12 48	0 28	14 40	0 32	20 24	3 4	23 29	23 30	23 21	15 1	6 37
T 24	22 12	4n50	4 45	24 0	0 32	24 45	1 35	19 43	0 3	5 1	1 11	22 47	0 43	12 47	0 28	14 40	0 32	20 24	3 4	23 29	23 30	23 22	15 0	6 37
W 25	22 20	9 39	4 10	23 41	0 14	24 40	1 37	19 53	0 4	4 59	1 11	22 47	0 43	12 47	0 27	14 39	0 32	20 25	3 4	23 29	23 30	23 23	15 0	6 36
T 26	22 28	14 2	3 24	23 21	0n 5	24 35	1 38	20 3	0 5	4 57	1 11	22 47	0 43	12 46	0 27	14 39	0 32	20 25	3 4	23 29	23 30	23 24	15 0	6 36
F 27	22 35	17 49	2 29	22 59	0 24	24 30	1 39	20 13	0 5	4 55	1 12	22 48	0 43	12 45	0 27	14 39	0 32	20 25	3 3	23 29	23 30	23 25	14 59	6 36
S 28	22 42	20 51	1 28	22 37	0 45	24 23	1 40	20 23	0 6	4 53	1 12	22 48	0 42	12 45	0 27	14 38	0 32	20 25	3 3	23 29	23 30	23 2		

SWISS EPHEMERIS for the year 1517

DECEMBER 1517 JC

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T 1	5 16 3	18°28'46"	17°29'	19°R54	18°37'	2°27'33"	20°17'44"	0°32'23"	4°R47'	22°22'19"	3°38'8"	28°II 5	28°II 35	28°II 28	28°II 28	28°II 28	28°II 28	28°II 28	28°II 28	28°II 28	28°II 28	28°II 28	28°II 28	28°II 28
W 2	5 20 0	19°29'51"	29°20'	18°31'	19°22'	3°16'	20°49'	0°30'	4°R45'	22°20'	3°10'	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6
T 3	5 23 56	20°30'57"	11°17'	17° 9	20°36'	3°59'	20°54'	0°37'	4°44'	22°22'	3°12'	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7
F 4	5 27 53	21°32'04"	23°23'	15°51'	21°50'	4°42'	20°58'	0°44'	4°42'	22°23'	3°14'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
S 5	5 31 49	22°33'11"	5°17'43"	14°39'	23° 4	5°26'	21° 3	0°51'	4°41'	22°24'	3°16'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
S 6	5 35 46	23°34'19"	18°20'	13°35'	24°18'	6° 9	21° 7	0°58'	4°40'	22°26'	3°18'	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8
M 7	5 39 43	24°35'28"	1°18'	12°40'	25°32'	6°52'	21°11'	1° 5	4°38'	22°27'	3°20'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
T 8	5 43 39	25°36'38"	14°42'	11°55'	26°46'	7°36'	21°15'	1°12'	4°37'	22°28'	3°22'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
W 9	5 47 36	26°37'48"	28°32'	11°21'	28° 0	8°19'	21°18'	1°19'	4°36'	22°30'	3°24'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
T 10	5 51 32	27°38'59"	12°17'49"	10°58'	29°14'	9° 3	21°22'	1°26'	4°34'	22°31'	3°26'	28°D 8	28°D 8	28°D 8	28°D 8	28°D 8	28°D 8	28°D 8	28°D 8	28°D 8	28°D 8	28°D 8	28°D 8	28°D 8
F 11	5 55 29	28°40'10"	27°30'	10°46'	0°28'	9°46'	21°25'	1°33'	4°33'	22°33'	3°29'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
S 12	5 59 25	29°41'22"	12°27'30"	10°D43	1°42'	10°30'	21°28'	1°40'	4°32'	22°34'	3°31'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
S 13	6 3 22	0°34'23"	27°43'	10°49'	2°56'	11°14'	21°31'	1°47'	4°31'	22°36'	3°33'	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8	28°R 8
M14	6 7 18	1°43'47"	12°35'56"	11° 4	4°10'	11°57'	21°34'	1°54'	4°30'	22°38'	3°35'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
T 15	6 11 15	2°44'59"	28° 3	11°27'	5°24'	12°41'	21°37'	2° 1	4°29'	22°39'	3°37'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
W16	6 15 12	3°46'11"	12°28'52"	11°57'	6°38'	13°25'	21°39'	2° 8	4°28'	22°41'	3°39'	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7
T 17	6 19 8	4°47'23"	27°18'	12°33'	7°52'	14° 9	21°41'	2°15'	4°27'	22°42'	3°41'	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6
F 18	6 23 5	5°48'35"	11°17'18"	13°15'	9° 5	14°53'	21°43'	2°22'	4°26'	22°44'	3°43'	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6
S 19	6 27 1	6°49'46"	24°50'	14° 1	10°19'	15°36'	21°45'	2°29'	4°25'	22°46'	3°46'	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5
S 20	6 30 58	7°50'57"	7°15'56"	14°53'	11°33'	16°20'	21°47'	2°37'	4°25'	22°48'	3°48'	28°D 5	28°D 5	28°D 5	28°D 5	28°D 5	28°D 5	28°D 5	28°D 5	28°D 5	28°D 5	28°D 5	28°D 5	28°D 5
M21	6 34 54	8°52'08"	20°39'	15°48'	12°46'	17° 4	21°48'	2°44'	4°24'	22°49'	3°50'	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5
T 22	6 38 51	9°53'18"	3°38'	16°47'	14° 0	17°48'	21°49'	2°51'	4°23'	22°51'	3°52'	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6	28° 6
W23	6 42 47	10°54'28"	15°13'	17°49'	15°13'	18°32'	21°50'	2°58'	4°23'	22°53'	3°54'	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7	28° 7
T 24	6 46 44	11°55'37"	27°11'	18°54'	16°27'	19°17'	21°51'	3° 5	4°22'	22°55'	3°56'	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
F 25	6 50 41	12°56'46"	9°11'3	20° 1	17°40'	20° 1	21°52'	3°12'	4°22'	22°56'	3°58'	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10
S 26	6 54 37	13°57'54"	20°51'	21°11'	18°54'	20°45'	21°52'	3°19'	4°21'	22°58'	4° 0	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10
S 27	6 58 34	14°59'02"	2°28'38"	22°23'	20° 7	21°29'	21°53'	3°26'	4°21'	23° 0	4° 2	28°R10	28°R10	28°R10	28°R10	28°R10	28°R10	28°R10	28°R10	28°R10	28°R10	28°R10	28°R10	28°R10
M28	7 2 30	16° 0'10"	14°27'	23°37'	21°20'	22°13'	21°R53	3°33'	4°21'	23° 2	4° 4	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10	28°10
T 29	7 6 27	17° 1'17"	26°20'	24°52'	22°33'	22°58'	21°53'	3°39'	4°20'	23° 4	4° 7	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8	28° 8
W30	7 10 23	18° 2'23"	8°18'	26° 9	23°47'	23°42'	21°52'	3°46'	4°20'	23° 6	4° 9	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5	28° 5
T 31	7 14 20	19°3'30"	20°12'4	27°27'	25°28'0	24°27'6	21°17'52	3°53'	4°18'0	23°28'8	4°11'1	28°II 2	28°II 2	28°II 2	28°II 2	28°II 2	28°II 2	28°II 2	28°II 2	28°II 2	28°II 2	28°II 2	28°II 2	28°II 2

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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	23s 0	24n 6	1n46	21s24	1n43	23s59	1s44	20s51	0s 8	4n48	1n13	22s48	0n42	12n43	0s27	14s37	0s32	20s25	3n 3	23n29	23n30	23n29	14s57	6n35
W 2	23 5 23	2 2 45	21 0	2 1 23	23 50	1 45	21 0	0 8	4 46	1 13	22 48	0 42	12 43	0 27	14 37	0 32	20 25	3 3	23 29	23 30	23 30	14 57	6 34	
T 3	23 10 20	56 3 28	20 37	2 17	23 39	1 45	21 9	0 9	4 44	1 13	22 48	0 42	12 42	0 27	14 36	0 32	20 25	3 3	23 29	23 30	23 31	14 57	6 34	
F 4	23 14 17	52 4 32	20 16	2 30	23 28	1 46	21 18	0 10	4 43	1 14	22 48	0 42	12 42	0 27	14 36	0 32	20 25	3 3	23 29	23 30	23 32	14 56	6 34	
S 5	23 18 14	0 4 54	19 57	2 41	23 17	1 47	21 26	0 10	4 41	1 14	22 48	0 42	12 41	0 27	14 35	0 32	20 25	3 3	23 29	23 30	23 33	14 55	6 34	
S 6	23 21 9	26 5 14	19 41	2 50	23 5	1 48	21 34	0 11	4 40	1 14	22 48	0 42	12 41	0 27	14 35	0 32	20 25	3 2	23 29	23 29	23 34	14 55	6 33	
M 7	23 23 4	20 5 18	19 27	2 57	22 52	1 48	21 42	0 12	4 39	1 14	22 48	0 42	12 40	0 27	14 34	0 32	20 25	3 2	23 29	23 29	23 35	14 54	6 33	
T 8	23 26 1s	7 5 5	19 18	3 1	22 38	1 49	21 50	0 12	4 37	1 15	22 48	0 42	12 40	0 27	14 34	0 32	20 25	3 2	23 29	23 29	23 36	14 54	6 33	
W 9	23 28 6	42 4 35	19 11	3 3	22 24	1 49	21 58	0 13	4 36	1 15	22 48	0 42	12 40	0 27	14 34	0 32	20 26	3 2	23 29	23 29	23 36	14 53	6 33	
T 10	23 29 12	7 3 47	19 8	3 3	22 9	1 49	22 5	0 14	4 35	1 15	22 48	0 42	12 39	0 27	14 33	0 32	20 26	3 2	23 29	23 29	23 37	14 53	6 32	
F 11	23 30 17	1 2 42	19 7	3 1	21 53	1 50	22 13	0 14	4 34	1 16	22 48	0 41	12 39	0 27	14 33	0 32	20 26	3 2	23 29	23 29	23 38	14 52	6 32	
S 12	23 30 20	56 1 26	19 10	2 58	21 37	1 50	22 20	0 15	4 33	1 16	22 48	0 41	12 38	0 27	14 32	0 32	20 26	3 2	23 29	23 29	23 39	14 51	6 32	
S 13	23 30 23	27 0 2	19 15	2 54	21 20	1 50	22 26	0 16	4 32	1 16	22 48	0 41	12 38	0 27	14 32	0 32	20 26	3 2	23 29	23 29	23 40	14 51	6 32	
M14	23 29 24	13 1s22	19 22	2 49	21 3	1 50	22 33	0 16	4 31	1 16	22 48	0 41	12 38	0 27	14 31	0 32	20 26	3 1	23 29	23 29	23 41	14 50	6 32	
T 15	23 28 23	12 2 39	19 31	2 43	20 45	1 50	22 39	0 17	4 31	1 17	22 48	0 41	12 38	0 27	14 31	0 32	20 26	3 1	23 29	23 29	23 42	14 49	6 32	
W16	23 27 20	34 3 44	19 42	2 3																				