

SWISS EPHEMERIS for the year 1518

JANUARY 1518 JC

00:00 UT

Table with columns: Day, Sid.t, ☉, ☽, ♀, ♀, ♂, ♃, ♅, ♄, ♆, ♁, ♂, ♁, ♃, ♃. Rows represent days from F 1 to S 31, listing astronomical data such as positions and times for various celestial bodies.

Table with columns: Day, ☉, ☽, ♀, ♀, ♂, ♃, ♅, ♄, ♆, ♁, ♂, ♁, ♃, ♃. Rows represent days from F 1 to S 31, listing astronomical data with sub-columns for declination and latitude for each celestial body.

Julian Day Number = 2275507.5, Delta T = 176.80 sec

Ecliptic obliquity = 23°30'07", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 18°00'54", Lahiri = 17°07'54" Julian Calendar 1 Jan. 1518 == Greg. Calendar 11 Jan. 1518

# SWISS EPHEMERIS for the year 1518

FEBRUARY 1518 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♃	♁	♁	♁	♃	♅
M 1	9 20 30	21°31'28	20°55	16°56	3°16	18°26	20°R 0	7°18	4°42	24°17	5°10	26°R24	25°18	5°20	28°42
T 2	9 24 26	22°31'59	4°16	18°42	4°26	19°11	19°11	7°24	4°43	24°19	5°12	26°R20	25°15	5°26	28°47
W 3	9 28 23	23°32'29	17°51	20°29	5°35	19°57	19°48	7°29	4°45	24°22	5°13	26°D19	25°11	5°33	28°52
T 4	9 32 19	24°32'57	1°42	22°17	6°45	20°43	19°42	7°35	4°46	24°24	5°15	26°19	25° 8	5°40	28°57
F 5	9 36 16	25°33'25	15°48	24° 6	7°55	21°28	19°35	7°40	4°48	24°26	5°16	26°20	25° 5	5°46	29° 1
S 6	9 40 12	26°33'51	0°3	25°56	9° 4	22°14	19°29	7°46	4°50	24°29	5°18	26°R20	25° 2	5°53	29° 6
S 7	9 44 9	27°34'15	14°43	27°46	10°13	23° 0	19°22	7°51	4°51	24°31	5°19	26°18	24°59	6° 0	29°11
M 8	9 48 6	28°34'38	29°25	29°38	11°22	23°45	19°15	7°56	4°53	24°33	5°21	26°15	24°55	6° 6	29°15
T 9	9 52 2	29°35'00	14°11	1°30	12°31	24°31	19° 8	8° 2	4°55	24°35	5°22	26° 8	24°52	6°13	29°20
W10	9 55 59	0°35'20	28°51	3°23	13°40	25°17	19° 1	8° 7	4°57	24°38	5°24	25°59	24°49	6°19	29°25
T 11	9 59 55	1°35'38	13°19	5°17	14°49	26° 2	18°54	8°12	4°59	24°40	5°25	25°48	24°46	6°26	29°29
F 12	10 3 52	2°35'54	27°27	7°11	15°57	26°48	18°47	8°17	5° 1	24°42	5°26	25°37	24°43	6°33	29°34
S 13	10 7 48	3°36'08	11°11	9° 6	17° 5	27°34	18°40	8°22	5° 3	24°44	5°28	25°27	24°40	6°39	29°38
S 14	10 11 45	4°36'20	24°29	11° 1	18°13	28°20	18°32	8°27	5° 5	24°47	5°29	25°19	24°36	6°46	29°43
M15	10 15 41	5°36'30	7°21	12°57	19°21	29° 6	18°25	8°32	5° 7	24°49	5°30	25°13	24°33	6°53	29°47
T 16	10 19 38	6°36'38	19°51	14°52	20°29	29°52	18°17	8°37	5° 9	24°51	5°31	25° 9	24°30	6°59	29°51
W17	10 23 35	7°36'44	2°11	16°47	21°36	0°37	18°10	8°41	5°11	24°53	5°33	25° 8	24°27	7° 6	29°56
T 18	10 27 31	8°36'48	13°59	18°42	22°43	1°23	18° 2	8°46	5°13	24°56	5°34	25°D 8	24°24	7°13	0° 0
F 19	10 31 28	9°36'50	25°48	20°36	23°50	2° 9	17°55	8°51	5°16	24°58	5°35	25°R 8	24°21	7°19	0° 4
S 20	10 35 24	10°36'49	7°35	22°29	24°57	2°55	17°47	8°55	5°18	25° 0	5°36	25° 8	24°17	7°26	0° 9
S 21	10 39 21	11°36'47	19°25	24°20	26° 4	3°41	17°39	9° 0	5°20	25° 2	5°37	25° 5	24°14	7°33	0°13
M22	10 43 17	12°36'42	1°21	26°10	27°10	4°27	17°31	9° 4	5°23	25° 4	5°38	25° 0	24°11	7°39	0°17
T 23	10 47 14	13°36'35	13°29	27°57	28°16	5°13	17°24	9° 8	5°25	25° 7	5°39	24°52	24° 8	7°46	0°21
W24	10 51 10	14°36'26	25°50	29°42	29°22	5°59	17°16	9°12	5°28	25° 9	5°40	24°42	24° 5	7°53	0°25
T 25	10 55 7	15°36'15	8°26	1°23	0°28	6°45	17° 8	9°17	5°30	25°11	5°41	24°29	24° 1	7°59	0°29
F 26	10 59 4	16°36'01	21°17	3° 1	1°33	7°31	17° 0	9°21	5°33	25°13	5°42	24°16	23°58	8° 6	0°33
S 27	11 3 0	17°35'46	4°22	4°34	2°38	8°17	16°53	9°25	5°35	25°15	5°43	24° 3	23°55	8°12	0°37
S 28	11 6 57	18°35'29	17°40	6°17	3°43	9°33	16°45	9°28	5°38	25°17	5°44	23°51	23°52	8°19	0°41

Day	☉	☽	♀	♁	♂	♃	♅	♁	♃	♁	♁	♁	♃	♅										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
M 1	14s22	3s52	4n39	17s47	2s 5	1n11	0s 8	23s 2	0s48	5n20	1n29	22s39	0n39	12n43	0s26	13s58	0s32	20s26	2n58	23n27	23n25	24n18	14s 5	6n32
T 2	14 2	9 11	4 2	17 14	2 4	1 42	0 4	22 56	0 49	5 23	1 29	22 39	0 39	12 44	0 26	13 57	0 32	20 26	2 58	23 27	23 25	24 18	14 4	6 32
W 3	13 42	14 8	3 11	16 39	2 3	2 14	0n 0	22 50	0 50	5 25	1 30	22 39	0 39	12 44	0 25	13 57	0 32	20 26	2 58	23 27	23 25	24 19	14 3	6 32
T 4	13 22	18 28	2 8	16 2	2 1	2 45	0 4	22 44	0 50	5 28	1 30	22 38	0 39	12 45	0 25	13 56	0 32	20 26	2 58	23 27	23 25	24 19	14 1	6 32
F 5	13 2	21 49	0 56	15 24	1 59	3 17	0 8	22 37	0 51	5 31	1 30	22 38	0 39	12 45	0 25	13 55	0 32	20 26	2 58	23 27	23 25	24 20	14 0	6 32
S 6	12 42	23 51	0s20	14 44	1 57	3 48	0 13	22 31	0 51	5 34	1 30	22 38	0 39	12 46	0 25	13 54	0 32	20 26	2 58	23 27	23 25	24 20	13 59	6 32
S 7	12 21	24 17	1 37	14 3	1 54	4 19	0 17	22 24	0 52	5 36	1 30	22 37	0 39	12 47	0 25	13 54	0 32	20 26	2 58	23 27	23 24	24 21	13 58	6 33
M 8	12 0	23 3	2 47	13 21	1 50	4 50	0 21	22 16	0 53	5 39	1 31	22 37	0 39	12 47	0 25	13 53	0 32	20 26	2 58	23 27	23 24	24 22	13 57	6 33
T 9	11 39	20 14	3 46	12 37	1 46	5 21	0 26	22 9	0 53	5 42	1 31	22 37	0 39	12 48	0 25	13 52	0 32	20 26	2 58	23 27	23 24	24 22	13 56	6 33
W10	11 18	16 7	4 30	11 51	1 41	5 52	0 30	22 1	0 54	5 45	1 31	22 37	0 39	12 48	0 25	13 51	0 33	20 25	2 58	23 26	23 24	24 23	13 55	6 33
T 11	10 56	11 7	4 56	11 5	1 35	6 23	0 34	21 53	0 55	5 48	1 31	22 36	0 39	12 49	0 25	13 51	0 33	20 25	2 58	23 26	23 24	24 23	13 54	6 34
F 12	10 35	5 39	5 3	10 17	1 29	6 53	0 39	21 45	0 55	5 51	1 31	22 36	0 39	12 50	0 25	13 50	0 33	20 25	2 58	23 26	23 24	24 24	13 52	6 34
S 13	10 13	0 2	4 42	9 27	1 23	7 24	0 43	21 37	0 56	5 54	1 31	22 36	0 39	12 51	0 25	13 49	0 33	20 25	2 58	23 25	23 24	24 24	13 51	6 34
S 14	9 51	5n24	4 25	8 37	1 16	7 54	0 48	21 28	0 56	5 57	1 31	22 35	0 39	12 51	0 25	13 48	0 33	20 25	2 58	23 25	23 24	24 25	13 50	6 34
M15	9 29	10 27	3 46	7 46	1 8	8 24	0 52	21 19	0 57	6 0	1 32	22 35	0 39	12 52	0 25	13 48	0 33	20 25	2 58	23 25	23 23	24 25	13 49	6 35
T 16	9 7	14 55	2 56	6 53	0 59	8 54	0 57	21 10	0 58	6 3	1 32	22 35	0 39	12 53	0 25	13 47	0 33	20 25	2 58	23 25	23 23	24 26	13 48	6 35
W17	8 44	18 40	2 0	6 0	0 50	9 24	1 2	21 1	0 58	6 6	1 32	22 35	0 39	12 53	0 25	13 46	0 33	20 25	2 58	23 25	23 23	24 26	13 47	6 35
T 18	8 22	21 34	0 59	5 6	0 41	9 53	1 6	20 52	0 59	6 9	1 32	22 34	0 39	12 54	0 25	13 46	0 33	20 25	2 58	23 25	23 23	24 27	13 45	6 35
F 19	7 59	23 30	0n 4	4 12	0 31	10 22	1 11	20 42	0 59	6 12	1 32	22 34	0 39	12 55	0 25	13 45	0 33	20 25	2 58	23 25	23 23	24 27	13 44	6 36
S 20	7 36	24 23	1 6	3 18	0 20	10 51	1 16	20 32	1 0	6 15	1 32	22 34	0 39	12 56	0 25	13 44	0 33	20 25	2 58	23 25	23 23	24 28	13 43	6 36
S 21	7 14	24 9	2 5	2 23	0 8	11 20	1 20	20 22	1 1	6 18	1 32	22 33	0 38	12 57	0 25	13 43	0 33	20 25	2 58	23 25	23 23	24 28	13 42	6 36
M22	6 51	22 50	2 59	1 29	0n 3	11 49	1 25	20 11	1 1	6 21	1 32	22 33	0 38	12 57	0 25	13 43	0 33	20 25	2 58	23 24	23 22	24 29	13 41	6 37
T 23	6 28	20 26	3 46	0 35	0 15	12 17	1 30	20 1	1 2	6 24	1 32	22 33	0 38	12 58	0 25	13 42	0 33	20 25	2 58	23 24	23 22	24 29	13 40	6 37
W24	6 5	17 4	4 24	0n18	0 28	12 45	1 35	19 50	1 2	6 28	1 32	22 33	0 38	12 59	0 25	13 41	0 33	20 25	2 58	23 24	23 22	24 30	13 39	6 37
T 25	5 41	12 53	4 49	1 11	0 41	13 13	1 39	19 39	1 3	6 31	1 32	22 32	0 38	13 0	0 25	13 40	0 33	20 25	2 58	23 23	23 22	24 30	13 37	6 38
F 26	5 18	8 3	5 0	2 1	0 54	13 40	1 44	19 28	1 4	6 34	1 32	22 32	0 38	13 1	0 25	13 40	0 33	20 25	2 58	23 23	23 22	24 31	13 36	6 38
S 27	4 55	2 47	4 55	2 51	1 7	14 7	1 49	19 16	1 4	6 37	1 33	22 32	0 38	13 2	0 25	13 39	0 33	20 25	2 58	23 22	23 22	24 31	13 35	6 38
S 28	4s31	2s43	4n35	3n38	1n20	14n34	1n54	19s 5	1s 5	6n40	1n33	22s32	0n38	13n 3	0s25	13s38	0s33	20s25	2n58	23n22	23n22	24n32	13s34	6n39

Julian Day Number = 2275538.5, Delta T = 182.06 sec

Ecliptic obliquity = 23°30'08", Nutation = - 0°00'16"

Ayanamsha: Fagan/Bradley = 18°00'58", Lahiri = 17°07'58" Julian Calendar 1 Feb. 1518 == Greg. Calendar 11 Feb. 1518

SWISS EPHEMERIS for the year 1518

MARCH 1518 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	11 10 53	19 $\frac{35}{10}$	1 $\frac{9}{9}$	7 $\frac{26}{48}$	4 $\frac{48}{48}$	9 $\frac{49}{49}$	16 $\frac{37}{37}$	9 $\frac{32}{32}$	5 $\frac{40}{40}$	25 $\frac{20}{20}$	5 $\frac{45}{45}$	23 $\frac{42}{42}$	23 $\frac{49}{49}$	8 $\frac{26}{26}$	0 $\frac{45}{45}$	
T 2	11 14 50	20 $\frac{34}{47}$	14 $\frac{47}{47}$	8 $\frac{43}{43}$	5 $\frac{52}{52}$	10 $\frac{35}{35}$	16 $\frac{29}{29}$	9 $\frac{36}{36}$	5 $\frac{43}{43}$	25 $\frac{22}{22}$	5 $\frac{46}{46}$	23 $\frac{36}{36}$	23 $\frac{46}{46}$	8 $\frac{32}{32}$	0 $\frac{48}{48}$	
W 3	11 18 46	21 $\frac{34}{27}$	28 $\frac{33}{33}$	9 $\frac{55}{55}$	6 $\frac{56}{56}$	11 $\frac{22}{22}$	16 $\frac{21}{21}$	9 $\frac{40}{40}$	5 $\frac{46}{46}$	25 $\frac{24}{24}$	5 $\frac{47}{47}$	23 $\frac{32}{32}$	23 $\frac{42}{42}$	8 $\frac{39}{39}$	0 $\frac{52}{52}$	
T 4	11 22 43	22 $\frac{34}{02}$	12 $\frac{27}{27}$	11 $\frac{0}{0}$	8 $\frac{0}{0}$	12 $\frac{8}{8}$	16 $\frac{14}{14}$	9 $\frac{43}{43}$	5 $\frac{48}{48}$	25 $\frac{26}{26}$	5 $\frac{47}{47}$	23 $\frac{31}{31}$	23 $\frac{39}{39}$	8 $\frac{46}{46}$	0 $\frac{56}{56}$	
F 5	11 26 39	23 $\frac{33}{36}$	26 $\frac{29}{29}$	11 $\frac{58}{58}$	9 $\frac{3}{3}$	12 $\frac{54}{54}$	16 $\frac{6}{6}$	9 $\frac{47}{47}$	5 $\frac{51}{51}$	25 $\frac{28}{28}$	5 $\frac{48}{48}$	23 $\frac{31}{31}$	23 $\frac{36}{36}$	8 $\frac{52}{52}$	0 $\frac{59}{59}$	
S 6	11 30 36	24 $\frac{33}{09}$	10 $\frac{37}{37}$	12 $\frac{49}{49}$	10 $\frac{6}{6}$	13 $\frac{40}{40}$	15 $\frac{58}{58}$	9 $\frac{50}{50}$	5 $\frac{54}{54}$	25 $\frac{30}{30}$	5 $\frac{49}{49}$	23 $\frac{31}{31}$	23 $\frac{33}{33}$	8 $\frac{59}{59}$	1 $\frac{3}{3}$	
S 7	11 34 33	25 $\frac{32}{39}$	24 $\frac{51}{51}$	13 $\frac{33}{33}$	11 $\frac{9}{9}$	14 $\frac{26}{26}$	15 $\frac{51}{51}$	9 $\frac{53}{53}$	5 $\frac{57}{57}$	25 $\frac{32}{32}$	5 $\frac{50}{50}$	23 $\frac{29}{29}$	23 $\frac{30}{30}$	9 $\frac{6}{6}$	1 $\frac{7}{7}$	
M 8	11 38 29	26 $\frac{32}{08}$	9 $\frac{9}{9}$	14 $\frac{9}{9}$	12 $\frac{11}{11}$	15 $\frac{12}{12}$	15 $\frac{43}{43}$	9 $\frac{57}{57}$	5 $\frac{59}{59}$	25 $\frac{34}{34}$	5 $\frac{50}{50}$	23 $\frac{24}{24}$	23 $\frac{26}{26}$	9 $\frac{12}{12}$	1 $\frac{10}{10}$	
T 9	11 42 26	27 $\frac{31}{35}$	23 $\frac{28}{28}$	14 $\frac{38}{38}$	13 $\frac{13}{13}$	15 $\frac{59}{59}$	15 $\frac{36}{36}$	10 $\frac{0}{0}$	6 $\frac{2}{2}$	25 $\frac{36}{36}$	5 $\frac{51}{51}$	23 $\frac{17}{17}$	23 $\frac{23}{23}$	9 $\frac{19}{19}$	1 $\frac{13}{13}$	
W10	11 46 22	28 $\frac{31}{00}$	7 $\frac{42}{42}$	14 $\frac{58}{58}$	14 $\frac{15}{15}$	16 $\frac{45}{45}$	15 $\frac{28}{28}$	10 $\frac{3}{3}$	6 $\frac{5}{5}$	25 $\frac{38}{38}$	5 $\frac{52}{52}$	23 $\frac{7}{7}$	23 $\frac{20}{20}$	9 $\frac{26}{26}$	1 $\frac{17}{17}$	
T 11	11 50 19	29 $\frac{30}{23}$	21 $\frac{48}{48}$	15 $\frac{12}{12}$	15 $\frac{16}{16}$	17 $\frac{31}{31}$	15 $\frac{21}{21}$	10 $\frac{6}{6}$	6 $\frac{8}{8}$	25 $\frac{40}{40}$	5 $\frac{52}{52}$	22 $\frac{55}{55}$	23 $\frac{17}{17}$	9 $\frac{32}{32}$	1 $\frac{20}{20}$	
F 12	11 54 15	0 $\frac{29}{44}$	5 $\frac{38}{38}$	15 $\frac{17}{17}$	16 $\frac{17}{17}$	18 $\frac{17}{17}$	15 $\frac{13}{13}$	10 $\frac{9}{9}$	6 $\frac{11}{11}$	25 $\frac{42}{42}$	5 $\frac{53}{53}$	22 $\frac{42}{42}$	23 $\frac{14}{14}$	9 $\frac{39}{39}$	1 $\frac{23}{23}$	
S 13	11 58 12	1 $\frac{29}{03}$	19 $\frac{10}{10}$	15 $\frac{15}{15}$	17 $\frac{18}{18}$	19 $\frac{3}{3}$	15 $\frac{6}{6}$	10 $\frac{11}{11}$	6 $\frac{14}{14}$	25 $\frac{44}{44}$	5 $\frac{53}{53}$	22 $\frac{30}{30}$	23 $\frac{11}{11}$	9 $\frac{46}{46}$	1 $\frac{27}{27}$	
S 14	12 2 8	2 $\frac{28}{19}$	2 $\frac{21}{21}$	15 $\frac{6}{6}$	18 $\frac{18}{18}$	19 $\frac{50}{50}$	14 $\frac{59}{59}$	10 $\frac{14}{14}$	6 $\frac{17}{17}$	25 $\frac{46}{46}$	5 $\frac{54}{54}$	22 $\frac{20}{20}$	23 $\frac{7}{7}$	9 $\frac{52}{52}$	1 $\frac{30}{30}$	
M15	12 6 5	3 $\frac{27}{34}$	15 $\frac{10}{10}$	14 $\frac{50}{50}$	19 $\frac{18}{18}$	20 $\frac{36}{36}$	14 $\frac{52}{52}$	10 $\frac{17}{17}$	6 $\frac{20}{20}$	25 $\frac{48}{48}$	5 $\frac{54}{54}$	22 $\frac{13}{13}$	23 $\frac{4}{4}$	9 $\frac{59}{59}$	1 $\frac{33}{33}$	
T 16	12 10 1	4 $\frac{26}{46}$	27 $\frac{39}{39}$	14 $\frac{28}{28}$	20 $\frac{17}{17}$	21 $\frac{22}{22}$	14 $\frac{45}{45}$	10 $\frac{19}{19}$	6 $\frac{23}{23}$	25 $\frac{50}{50}$	5 $\frac{55}{55}$	22 $\frac{8}{8}$	23 $\frac{1}{1}$	10 $\frac{6}{6}$	1 $\frac{36}{36}$	
W17	12 13 58	5 $\frac{25}{56}$	9 $\frac{11}{11}$	13 $\frac{59}{59}$	21 $\frac{16}{16}$	22 $\frac{8}{8}$	14 $\frac{38}{38}$	10 $\frac{22}{22}$	6 $\frac{26}{26}$	25 $\frac{52}{52}$	5 $\frac{55}{55}$	22 $\frac{5}{5}$	22 $\frac{58}{58}$	10 $\frac{12}{12}$	1 $\frac{39}{39}$	
T 18	12 17 55	6 $\frac{25}{04}$	21 $\frac{49}{49}$	13 $\frac{26}{26}$	22 $\frac{15}{15}$	22 $\frac{54}{54}$	14 $\frac{31}{31}$	10 $\frac{24}{24}$	6 $\frac{29}{29}$	25 $\frac{53}{53}$	5 $\frac{55}{55}$	22 $\frac{5}{5}$	22 $\frac{55}{55}$	10 $\frac{19}{19}$	1 $\frac{42}{42}$	
F 19	12 21 51	7 $\frac{24}{09}$	3 $\frac{40}{40}$	12 $\frac{48}{48}$	23 $\frac{13}{13}$	23 $\frac{41}{41}$	14 $\frac{24}{24}$	10 $\frac{26}{26}$	6 $\frac{32}{32}$	25 $\frac{55}{55}$	5 $\frac{56}{56}$	22 $\frac{5}{5}$	22 $\frac{52}{52}$	10 $\frac{25}{25}$	1 $\frac{45}{45}$	
S 20	12 25 48	8 $\frac{23}{12}$	15 $\frac{28}{28}$	12 $\frac{7}{7}$	24 $\frac{10}{10}$	24 $\frac{27}{27}$	14 $\frac{18}{18}$	10 $\frac{28}{28}$	6 $\frac{36}{36}$	25 $\frac{57}{57}$	5 $\frac{56}{56}$	22 $\frac{5}{5}$	22 $\frac{48}{48}$	10 $\frac{32}{32}$	1 $\frac{47}{47}$	
S 21	12 29 44	9 $\frac{22}{13}$	27 $\frac{20}{20}$	11 $\frac{22}{22}$	25 $\frac{7}{7}$	25 $\frac{13}{13}$	14 $\frac{11}{11}$	10 $\frac{31}{31}$	6 $\frac{39}{39}$	25 $\frac{59}{59}$	5 $\frac{56}{56}$	22 $\frac{4}{4}$	22 $\frac{45}{45}$	10 $\frac{39}{39}$	1 $\frac{50}{50}$	
M22	12 33 41	10 $\frac{21}{11}$	9 $\frac{19}{19}$	10 $\frac{36}{36}$	26 $\frac{4}{4}$	25 $\frac{59}{59}$	14 $\frac{5}{5}$	10 $\frac{32}{32}$	6 $\frac{42}{42}$	26 $\frac{1}{1}$	5 $\frac{56}{56}$	22 $\frac{0}{0}$	22 $\frac{42}{42}$	10 $\frac{45}{45}$	1 $\frac{53}{53}$	
T 23	12 37 37	11 $\frac{20}{07}$	21 $\frac{31}{31}$	9 $\frac{49}{49}$	27 $\frac{0}{0}$	26 $\frac{45}{45}$	13 $\frac{59}{59}$	10 $\frac{34}{34}$	6 $\frac{45}{45}$	26 $\frac{2}{2}$	5 $\frac{57}{57}$	21 $\frac{54}{54}$	22 $\frac{39}{39}$	10 $\frac{52}{52}$	1 $\frac{55}{55}$	
W24	12 41 34	12 $\frac{19}{01}$	4 $\frac{11}{11}$	9 $\frac{2}{2}$	27 $\frac{55}{55}$	27 $\frac{32}{32}$	13 $\frac{52}{52}$	10 $\frac{36}{36}$	6 $\frac{48}{48}$	26 $\frac{4}{4}$	5 $\frac{57}{57}$	21 $\frac{45}{45}$	22 $\frac{36}{36}$	10 $\frac{59}{59}$	1 $\frac{58}{58}$	
T 25	12 45 30	13 $\frac{17}{53}$	16 $\frac{48}{48}$	8 $\frac{16}{16}$	28 $\frac{50}{50}$	28 $\frac{18}{18}$	13 $\frac{46}{46}$	10 $\frac{38}{38}$	6 $\frac{52}{52}$	26 $\frac{6}{6}$	5 $\frac{57}{57}$	21 $\frac{35}{35}$	22 $\frac{32}{32}$	11 $\frac{5}{5}$	2 $\frac{0}{0}$	
F 26	12 49 27	14 $\frac{16}{42}$	29 $\frac{54}{54}$	7 $\frac{32}{32}$	29 $\frac{44}{44}$	29 $\frac{4}{4}$	13 $\frac{40}{40}$	10 $\frac{39}{39}$	6 $\frac{55}{55}$	26 $\frac{7}{7}$	5 $\frac{57}{57}$	21 $\frac{24}{24}$	22 $\frac{29}{29}$	11 $\frac{12}{12}$	2 $\frac{3}{3}$	
S 27	12 53 24	15 $\frac{15}{30}$	13 $\frac{20}{20}$	6 $\frac{50}{50}$	0 $\frac{38}{38}$	29 $\frac{50}{50}$	13 $\frac{35}{35}$	10 $\frac{41}{41}$	6 $\frac{58}{58}$	26 $\frac{9}{9}$	5 $\frac{57}{57}$	21 $\frac{12}{12}$	22 $\frac{26}{26}$	11 $\frac{19}{19}$	2 $\frac{5}{5}$	
S 28	12 57 20	16 $\frac{14}{15}$	27 $\frac{1}{1}$	6 $\frac{11}{11}$	1 $\frac{31}{31}$	0 $\frac{36}{36}$	13 $\frac{29}{29}$	10 $\frac{42}{42}$	7 $\frac{1}{1}$	26 $\frac{11}{11}$	5 $\frac{57}{57}$	21 $\frac{2}{2}$	22 $\frac{23}{23}$	11 $\frac{25}{25}$	2 $\frac{7}{7}$	
M29	13 1 17	17 $\frac{12}{58}$	10 $\frac{11}{55}$	5 $\frac{36}{36}$	2 $\frac{23}{23}$	1 $\frac{23}{23}$	13 $\frac{24}{24}$	10 $\frac{44}{44}$	7 $\frac{5}{5}$	26 $\frac{12}{12}$	5 $\frac{57}{57}$	20 $\frac{55}{55}$	22 $\frac{20}{20}$	11 $\frac{32}{32}$	2 $\frac{10}{10}$	
T 30	13 5 13	18 $\frac{11}{40}$	24 $\frac{58}{58}$	5 $\frac{5}{5}$	3 $\frac{15}{15}$	2 $\frac{9}{9}$	13 $\frac{18}{18}$	10 $\frac{45}{45}$	7 $\frac{8}{8}$	26 $\frac{14}{14}$	5 $\frac{57}{57}$	20 $\frac{50}{50}$	22 $\frac{17}{17}$	11 $\frac{39}{39}$	2 $\frac{12}{12}$	
W31	13 9 10	19 $\frac{10}{19}$	9 $\frac{7}{7}$	4 $\frac{39}{39}$	4 $\frac{11}{11}$	2 $\frac{55}{55}$	13 $\frac{13}{13}$	10 $\frac{46}{46}$	7 $\frac{11}{11}$	26 $\frac{15}{15}$	5 $\frac{57}{57}$	20 $\frac{47}{47}$	22 $\frac{13}{13}$	11 $\frac{45}{45}$	2 $\frac{14}{14}$	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
M 1	4s 8	8s10	3n59	4n23	1n33	15n 1	1n58	18s53	1s 5	6n43	1n33	22s31	0n38	13n 3	0s25	13s38	0s33	20s25	2n58	23n21	23n21	24n32	13s33	6n39
T 2	3 45	13 18	3 9	5 5	1 46	15 27	2 3	18 41	1 6	6 46	1 33	22 31	0 38	13 4	0 25	13 37	0 33	20 25	2 58	23 21	23 21	24 32	13 32	6 39
W 3	3 21	17 49	2 8	5 45	1 59	15 53	2 8	18 29	1 6	6 49	1 33	22 31	0 38	13 5	0 25	13 36	0 33	20 25	2 58	23 21	23 21	24 33	13 31	6 40
T 4	2 57	21 23	0 58	6 22	2 11	16 18	2 13	18 16	1 7	6 52	1 33	22 31	0 38	13 6	0 25	13 36	0 33	20 25	2 58	23 21	23 21	24 33	13 30	6 40
F 5	2 34	23 43	0s16	6 56	2 22	16 43	2 17	18 4	1 7	6 55	1 33	22 30	0 38	13 7	0 25	13 35	0 33	20 25	2 58	23 21	23 21	24 34	13 28	6 40
S 6	2 10	24 33	1 29	7 26	2 33	17 8	2 22	17 51	1 8	6 58	1 33	22 30	0 38	13 8	0 25	13 34	0 33	20 25	2 58	23 21	23 21	24 34	13 27	6 41
S 7	1 47	23 48	2 37	7 52	2 44	17 32	2 27	17 38	1 9	7 1	1 33	22 30	0 38	13 9	0 25	13 34	0 33	20 25	2 58	23 20	23 21	24 34	13 26	6 41
M 8	1 23	21 29	3 36	8 15	2 53	17 56	2 31	17 25	1 9	7 4	1 33	22 30	0 38	13 10	0 25	13 33	0 33	20 25	2 58	23 20	23 20	24 35	13 25	6 41
T 9	0 59	17 50	4 21	8 34	3 1	18 20	2 36	17 12	1 10	7 7	1 33	22 29	0 38	13 11	0 25	13 32	0 33	20 25	2 58	23 20	23 20	24 35	13 24	6 42
W10	0 35	13 11	4 50	8 49	3 8	18 43	2 41	16 58	1 10	7 10	1 33	22 29	0 38	13 12	0 25	13 32	0 33	20 25	2 58	23 19	23 20	24 36	13 23	6 42
T 11	0 12	7 52	5 0	8 59	3 14	19 5	2 45	16 45	1 11	7 13	1 33	22 29	0 38	13 13	0 25	13 31	0 33	20 25	2 58	23 19	23 20	24 36	13 22	6 43
F 12	0n12	2 14	4 53	9 6	3 19	19 28	2 50	16 31	1 11	7 16	1 32	22 29	0 38	13 14	0 25	13 30	0 33	20 25	2 58	23 18	23 20	24 36	13 21	6 43
S 13	0 35	3n23																						

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	13 13 6	20°Y 8'58	23°17	4°R17	4II56	3K41	13°R 8	10Z47	7R15	26M17	5°R57	20°D47	22II10	11S52	2M16	
F 2	13 17 3	21° 7'34	7Z27	4°Y 0	5°45	4°27	13M 3	10°48	7°18	26°19	5Z57	20II47	22° 7	11°59	2°18	
S 3	13 20 59	22° 6'09	21°36	3°49	6°34	5°13	12°58	10°49	7°21	26°20	5°57	20°R48	22° 4	12° 5	2°20	
S 4	13 24 56	23° 4'42	5M42	3°42	7°21	6° 0	12°54	10°49	7°25	26°21	5°57	20°47	22° 1	12°12	2°22	
M 5	13 28 53	24° 3'13	19°44	3°D41	8° 8	6°46	12°49	10°50	7°28	26°23	5°57	20°44	21°58	12°19	2°23	
T 6	13 32 49	25° 1'43	3K40	3°45	8°54	7°32	12°45	10°50	7°32	26°24	5°56	20°39	21°54	12°25	2°25	
W 7	13 36 46	26° 0'11	17°28	3°53	9°40	8°18	12°41	10°51	7°35	26°26	5°56	20°32	21°51	12°32	2°27	
T 8	13 40 42	26°58'38	1°Y 7	4° 7	10°24	9° 4	12°37	10°51	7°38	26°27	5°56	20°24	21°48	12°39	2°28	
F 9	13 44 39	27°57'02	14°32	4°25	11° 7	9°50	12°33	10°51	7°42	26°28	5°56	20°14	21°45	12°45	2°30	
S 10	13 48 35	28°55'25	27°43	4°48	11°49	10°36	12°30	10°51	7°45	26°30	5°55	20° 6	21°42	12°52	2°31	
S 11	13 52 32	29°53'46	10Z37	5°15	12°31	11°22	12°26	10°R52	7°49	26°31	5°55	19°58	21°38	12°59	2°32	
M12	13 56 28	0S2'05	23°15	5°46	13°11	12° 8	12°23	10°51	7°52	26°32	5°54	19°53	21°35	13° 5	2°34	
T 13	14 0 25	1°50'22	5II36	6°22	13°50	12°54	12°20	10°51	7°56	26°33	5°54	19°50	21°32	13°12	2°35	
W14	14 4 22	2°48'38	17°44	7° 1	14°28	13°40	12°17	10°51	7°59	26°35	5°54	19°D49	21°29	13°18	2°36	
T 15	14 8 18	3°46'51	29°41	7°44	15° 4	14°26	12°14	10°51	8° 3	26°36	5°53	19°49	21°26	13°25	2°37	
F 16	14 12 15	4°45'02	11S32	8°31	15°39	15°12	12°12	10°50	8° 6	26°37	5°53	19°50	21°23	13°32	2°38	
S 17	14 16 11	5°43'12	23°21	9°21	16°13	15°58	12° 9	10°50	8° 9	26°38	5°52	19°52	21°19	13°38	2°39	
S 18	14 20 8	6°41'19	5R13	10°14	16°46	16°44	12° 7	10°49	8°13	26°39	5°51	19°R52	21°16	13°45	2°40	
M19	14 24 4	7°39'24	17°13	11°10	17°17	17°30	12° 5	10°48	8°16	26°40	5°51	19°52	21°13	13°52	2°40	
T 20	14 28 1	8°37'28	29°26	12°10	17°47	18°16	12° 3	10°47	8°20	26°41	5°50	19°50	21°10	13°58	2°41	
W21	14 31 57	9°35'29	11M57	13°12	18°15	19° 2	12° 1	10°46	8°23	26°42	5°50	19°46	21° 7	14° 5	2°42	
T 22	14 35 54	10°33'29	24°49	14°18	18°41	19°47	12° 0	10°45	8°27	26°43	5°49	19°41	21° 3	14°12	2°42	
F 23	14 39 51	11°31'26	8A 4	15°26	19° 6	20°33	11°59	10°44	8°30	26°44	5°48	19°35	21° 0	14°18	2°43	
S 24	14 43 47	12°29'22	21°42	16°36	19°29	21°19	11°58	10°43	8°34	26°45	5°47	19°29	20°57	14°25	2°43	
S 25	14 47 44	13°27'17	5M41	17°49	19°50	22° 5	11°57	10°42	8°37	26°46	5°47	19°23	20°54	14°32	2°44	
M26	14 51 40	14°25'09	19°57	19° 5	20°10	22°50	11°56	10°40	8°41	26°46	5°46	19°19	20°51	14°38	2°44	
T 27	14 55 37	15°23'01	4Z25	20°23	20°27	23°36	11°55	10°39	8°44	26°47	5°45	19°17	20°48	14°45	2°44	
W28	14 59 33	16°20'50	18°59	21°44	20°43	24°21	11°55	10°37	8°48	26°48	5°44	19°D16	20°44	14°52	2°44	
T 29	15 3 30	17°18'39	3Z34	23° 7	20°56	25° 7	11°55	10°36	8°51	26°49	5°43	19°17	20°41	14°58	2°R44	
F 30	15 7 26	18R16'26	18Z 4	24°Y32	21II 8	25K53	11°D55	10Z34	8R54	26M49	5Z43	19II18	20II38	15S 5	2M44	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	7n54	23s33	0s13	1n47	0n 5	25n14	4n 8	11s26	1s20	8n 2	1n31	22s26	0n38	13n35	0s24	13s19	0s33	20s25	2n58	23n11	23n16	24n42	13s 1	6n52
F 2	8 16 24 45	1 28	1 26	0s10	25 26	4 11	11 9	1 20	8 4	1 30	22 26	0 38	13 36	0 24	13 18	0 33	20 25	2 58	23 11	23 16	24 42	13 0	6 52	
S 3	8 38 24 21	2 37	1 8	0 26	25 37	4 14	10 52	1 21	8 6	1 30	22 26	0 38	13 37	0 24	13 18	0 34	20 25	2 58	23 11	23 16	24 43	12 59	6 53	
S 4	9 0 22 23	3 36	0 51	0 41	25 48	4 16	10 36	1 21	8 7	1 30	22 26	0 38	13 38	0 24	13 17	0 34	20 25	2 58	23 11	23 16	24 43	12 58	6 53	
M 5	9 21 19 5	4 22	0 38	0 55	25 59	4 19	10 19	1 22	8 9	1 30	22 26	0 38	13 40	0 24	13 17	0 34	20 25	2 58	23 11	23 15	24 43	12 57	6 54	
T 6	9 43 14 44	4 53	0 27	1 8	26 9	4 21	10 2	1 22	8 10	1 30	22 26	0 38	13 41	0 24	13 16	0 34	20 25	2 58	23 10	23 15	24 43	12 57	6 54	
W 7	10 4 9 39	5 5	0 19	1 21	26 18	4 23	9 45	1 22	8 12	1 30	22 26	0 38	13 42	0 24	13 16	0 34	20 25	2 58	23 10	23 15	24 43	12 56	6 55	
T 8	10 25 4 9	5 0	0 13	1 33	26 27	4 25	9 28	1 23	8 13	1 29	22 26	0 38	13 43	0 24	13 16	0 34	20 25	2 58	23 9	23 15	24 44	12 55	6 55	
F 9	10 46 1n27	4 39	0 10	1 45	26 35	4 27	9 11	1 23	8 14	1 29	22 26	0 38	13 44	0 24	13 15	0 34	20 25	2 58	23 9	23 15	24 44	12 54	6 56	
S 10	11 7 6 54	4 3	0 9	1 55	26 42	4 29	8 54	1 23	8 16	1 29	22 26	0 38	13 45	0 24	13 15	0 34	20 25	2 58	23 8	23 14	24 44	12 53	6 56	
S 11	11 28 11 58	3 15	0 11	2 5	26 49	4 31	8 36	1 24	8 17	1 29	22 26	0 38	13 46	0 24	13 14	0 34	20 25	2 58	23 7	23 14	24 44	12 53	6 57	
M12	11 48 16 24	2 18	0 15	2 14	26 56	4 32	8 19	1 24	8 18	1 29	22 26	0 38	13 47	0 24	13 14	0 34	20 25	2 58	23 7	23 14	24 44	12 52	6 57	
T 13	12 9 20 3	1 16	0 22	2 22	27 2	4 33	8 2	1 24	8 19	1 28	22 26	0 38	13 49	0 24	13 14	0 34	20 25	2 58	23 7	23 14	24 44	12 51	6 58	
W14	12 29 22 45	0 11	0 30	2 30	27 8	4 34	7 44	1 24	8 20	1 28	22 26	0 38	13 50	0 24	13 13	0 34	20 25	2 58	23 7	23 14	24 45	12 50	6 58	
T 15	12 49 24 23	0n53	0 41	2 36	27 13	4 35	7 27	1 25	8 21	1 28	22 26	0 38	13 51	0 24	13 13	0 34	20 25	2 58	23 7	23 13	24 45	12 50	6 59	
F 16	13 8 24 55	1 55	0 54	2 42	27 17	4 35	7 9	1 25	8 22	1 28	22 26	0 38	13 52	0 24	13 12	0 34	20 25	2 57	23 7	23 13	24 45	12 49	6 59	
S 17	13 28 24 18	2 52	1 9	2 47	27 21	4 35	6 51	1 25	8 22	1 28	22 26	0 38	13 53	0 24	13 12	0 34	20 25	2 57	23 7	23 13	24 45	12 48	7 0	
S 18	13 47 22 35	3 41	1 26	2 52	27 25	4 35	6 34	1 25	8 23	1 28	22 26	0 38	13 54	0 24	13 12	0 34	20 25	2 57	23 7	23 13	24 45	12 47	7 0	
M19	14 6 19 52	4 22	1 44	2 56	27 27	4 35	6 16	1 26	8 23	1 27	22 26	0 38	13 55	0 24	13 11	0 34	20 25	2 57	23 7	23 13	24 45	12 47	7 1	
T 20	14 25 16 14	4 51	2 5	2 59	27 30	4 35	5 58	1 26	8 24	1 27	22 26	0 38	13 56	0 24	13 11	0 34	20 25	2 57	23 7	23 12	24 45	12 46	7 1	
W21	14 43 11 50	5 8	2 27	3 1	27 32	4 34	5 40	1 26	8 24	1 27	22 26	0 38	13 58	0 24	13 11	0 34	20 25	2 57	23 6	23 12	24 45	12 46	7 2	
T 22	15 2 6 48	5 9	2 51	3 3	27 33	4 33	5 23	1 26	8 25	1 27	22 27	0 38	13 59	0 24	13 10	0 34	20 25	2 57	23 6	23 12	24 46	12 45	7 2	
F 23	15 20 1 18	4 55	3 16	3 3	27 34	4 31	5 5	1 27	8 25	1 26	22 27	0 38	14 0	0 24	13 10	0 34	20 25	2 57	23 6	23 12	24 46	12 44	7 3	
S 24	15 38 4s24	4 23	3 43	3 4	27 34	4 30	4 47	1 27	8 25	1 26	22 27	0 37	14 1	0 24	13 10	0 34	20 25	2 57	23 5	23 12	24 46	12 44	7 3	
S 25	15 55 10 4	3 35	4 11	3 3	27 33	4 28	4 29	1 27	8 26	1 26	22 27	0 37	14 2	0 24	13 10	0 34	20 25	2 57	23 5	23 11	24 46	12 43	7 4	
M26	16 12 15 19	2 33	4 41	3 2	27 33	4 25	4 11	1 27	8 26	1 26	22 27	0 37	14 3	0 24	13 9	0 34	20 25	2 57	23 4	23 11	24 46	12 43	7 4	
T 27	16 29 19 46	1 20	5 12	3 1	27 31	4 22	3 53	1 27	8 26	1 26	22 27	0 37	14 4	0 24	13 9	0 34	20 26	2 57	23 4	23 11	24 46	12 42	7 5	
W28	16 46 23 1	0 2	5 44	2 5	27 29	4 19	3 35	1 28	8 26	1 25	22 27	0 37	14 5	0 24	13 9	0 34	20 26	2 57	23 4	23 11	24 46	12 42	7 5	
T 29	17 3 24 45	1s18	6 17	2 56	27 27	4 16	3 17	1 28	8 25	1 25	22 27	0 37	14 6	0 24	13 9	0 34	20 26	2 57	23 4	23 10	24 46	12 41	7 6	
F 30	17n19	24s47	2s31	6n52	2s52	27n24	4n12	2s59																

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Day	Sid.t	☉	☽	♀	♂	♂	♄	♃	♁	♂	♂	♂	♂	♂	♂
S 1	15 11 23	19°14'13	2°25	26°01	21°17	26°38	11°55	10°R32	8°58	26°50	5°R42	19°II 19	20°II 35	15°52	2°R44
S 2	15 15 20	20°11'58	16°35	27°30	21°24	27°24	11°55	10°30	9° 1	26°51	5°34	19°R20	20°32	15°18	2°44
M 3	15 19 16	21° 9'42	0°33	29° 2	21°29	28° 9	11°56	10°28	9° 5	26°51	5°40	19°20	20°29	15°25	2°44
T 4	15 23 13	22° 7'24	14°16	0°36	21°32	28°55	11°56	10°26	9° 8	26°52	5°39	19°18	20°25	15°32	2°43
W 5	15 27 9	23° 5'06	27°46	2°13	21°R32	29°40	11°57	10°24	9°12	26°52	5°38	19°16	20°22	15°38	2°43
T 6	15 31 6	24° 2'46	11°01	3°52	21°30	0°01	11°58	10°21	9°15	26°53	5°37	19°12	20°19	15°45	2°42
F 7	15 35 2	25° 0'26	24° 3	5°33	21°25	1°11	12° 0	10°19	9°18	26°53	5°36	19° 8	20°16	15°52	2°42
S 8	15 38 59	25°58'04	6°51	7°16	21°19	1°56	12° 1	10°17	9°22	26°54	5°35	19° 5	20°13	15°58	2°41
S 9	15 42 55	26°55'42	19°25	9° 2	21° 9	2°41	12° 3	10°14	9°25	26°54	5°34	19° 2	20° 9	16° 5	2°41
M10	15 46 52	27°53'18	1°47	10°50	20°58	3°26	12° 4	10°11	9°28	26°55	5°33	19° 0	20° 6	16°12	2°40
T 11	15 50 49	28°50'53	13°58	12°40	20°44	4°11	12° 6	10° 9	9°32	26°55	5°31	18°D59	20° 3	16°18	2°39
W12	15 54 45	29°48'26	25°58	14°32	20°27	4°56	12° 8	10° 6	9°35	26°55	5°30	18°59	20° 0	16°25	2°38
T 13	15 58 42	0°II 45'59	7°52	16°26	20° 9	5°41	12°11	10° 3	9°38	26°55	5°29	19° 0	19°57	16°32	2°37
F 14	16 2 38	1°43'30	19°41	18°23	19°48	6°26	12°13	10° 0	9°42	26°56	5°28	19° 1	19°54	16°38	2°36
S 15	16 6 35	2°41'00	1°03	20°21	19°24	7°11	12°16	9°57	9°45	26°56	5°27	19° 3	19°50	16°45	2°35
S 16	16 10 31	3°38'29	13°21	22°22	18°59	7°56	12°19	9°54	9°48	26°56	5°26	19° 4	19°47	16°52	2°34
M17	16 14 28	4°35'56	25°21	24°24	18°32	8°41	12°22	9°51	9°51	26°56	5°24	19° 5	19°44	16°58	2°33
T 18	16 18 24	5°33'22	7°03	26°29	18° 2	9°26	12°25	9°48	9°55	26°56	5°23	19°R 5	19°41	17° 5	2°32
W19	16 22 21	6°30'47	20° 3	28°35	17°31	10°11	12°28	9°45	9°58	26°56	5°22	19° 5	19°38	17°12	2°30
T 20	16 26 18	7°28'10	2°53	0°II 42	16°59	10°55	12°32	9°41	10° 1	26°56	5°21	19° 4	19°35	17°18	2°29
F 21	16 30 14	8°25'33	16° 7	2°51	16°25	11°40	12°35	9°38	10° 4	26°R56	5°19	19° 3	19°31	17°25	2°27
S 22	16 34 11	9°22'54	29°47	5° 1	15°49	12°24	12°39	9°34	10° 7	26°56	5°18	19° 1	19°28	17°32	2°26
S 23	16 38 7	10°20'14	13°03	7°12	15°13	13° 9	12°43	9°31	10°10	26°56	5°17	19° 0	19°25	17°38	2°24
M24	16 42 4	11°17'34	28°21	9°23	14°36	13°53	12°47	9°27	10°14	26°56	5°15	19° 0	19°22	17°45	2°23
T 25	16 46 0	12°14'52	13° 6	11°35	13°59	14°38	12°51	9°24	10°17	26°56	5°14	18°D59	19°19	17°52	2°21
W26	16 49 57	13°12'10	28° 2	13°47	13°21	15°22	12°56	9°20	10°20	26°56	5°13	18°59	19°15	17°58	2°19
T 27	16 53 53	14° 9'28	13° 0	15°59	12°43	16° 6	13° 1	9°16	10°23	26°56	5°11	19° 0	19°12	18° 5	2°17
F 28	16 57 50	15° 6'44	27°53	18°10	12° 6	16°51	13° 5	9°13	10°26	26°56	5°10	19° 0	19° 9	18°12	2°15
S 29	17 1 47	16° 4'01	12°34	20°21	11°29	17°35	13°10	9° 9	10°29	26°55	5° 8	19° 0	19° 6	18°18	2°13
S 30	17 5 43	17° 1'17	26°57	22°31	10°53	18°19	13°15	9° 5	10°32	26°55	5° 7	19° 0	19° 3	18°25	2°11
MB1	17 9 40	17°II 58'32	11°X 0	24°II 39	10°II 17	19°Y 3	13°II 20	9°Z 1	10°Z 35	26°55	5°Z 6	19°II 0	19°II 0	18°53	2°Z 9

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	17n35	23s 9	3s35	7n27	2s48	27n20	4n 7	2s41	1s28	8n25	1n25	22s28	0n37	14n 9	0s24	13s 8	0s34	20s26	2n57	23n 4	23n10	24n46	12s40	7n 7
S 2	17 50	20 6	4 24	8 4	2 44	27 16	4 3	2 23	1 28	8 25	1 25	22 28	0 37	14 10	0 24	13 8	0 34	20 26	2 57	23 4	4 23	10 24	46 12	40 7 7
M 3	18 6	15 56	4 57	8 41	2 39	27 11	3 58	2 5	1 28	8 24	1 24	22 28	0 37	14 11	0 24	13 8	0 34	20 26	2 57	23 4	4 23	10 24	46 12	40 7 8
T 4	18 21	11 0	5 12	9 19	2 33	27 5	3 52	1 47	1 28	8 24	1 24	22 28	0 37	14 12	0 24	13 8	0 34	20 26	2 57	23 4	4 23	9 24	46 12	39 7 8
W 5	18 36	5 38	5 10	9 58	2 27	26 59	3 46	1 29	1 28	8 23	1 24	22 29	0 37	14 13	0 24	13 8	0 34	20 26	2 57	23 4	4 23	9 24	46 12	38 7 9
T 6	18 50	0 6	4 51	10 38	2 20	26 52	3 39	1 11	1 29	8 23	1 24	22 29	0 37	14 14	0 24	13 7	0 34	20 26	2 57	23 4	4 23	9 24	46 12	38 7 9
F 7	19 4	5n22	4 18	11 19	2 13	26 45	3 32	0 53	1 29	8 22	1 23	22 29	0 37	14 15	0 24	13 7	0 34	20 26	2 57	23 4	4 23	9 24	46 12	38 7 10
S 8	19 18	10 30	3 32	12 0	2 6	26 37	3 25	0 35	1 29	8 21	1 23	22 29	0 37	14 16	0 24	13 7	0 35	20 26	2 57	23 4	4 23	8 24	46 12	37 7 10
S 9	19 31	15 8	2 36	12 41	1 57	26 28	3 16	0 17	1 29	8 20	1 23	22 29	0 37	14 17	0 24	13 7	0 35	20 26	2 57	23 4	4 23	8 24	46 12	37 7 11
M10	19 44	19 3	1 33	13 23	1 49	26 19	3 8	0n 1	1 29	8 20	1 23	22 30	0 37	14 18	0 24	13 7	0 35	20 27	2 57	23 4	4 23	8 24	46 12	37 7 11
T 11	19 57	22 5	0 28	14 5	1 40	26 9	2 59	0 19	1 29	8 19	1 23	22 30	0 37	14 19	0 24	13 7	0 35	20 27	2 57	23 4	4 23	8 24	46 12	36 7 12
W12	20 10	24 5	0n39	14 48	1 31	25 58	2 49	0 36	1 29	8 18	1 22	22 30	0 37	14 21	0 24	13 7	0 35	20 27	2 57	23 4	4 23	7 24	46 12	36 7 12
T 13	20 22	24 58	1 42	15 30	1 21	25 47	2 39	0 54	1 29	8 17	1 22	22 30	0 37	14 22	0 24	13 7	0 35	20 27	2 57	23 4	4 23	7 24	46 12	36 7 13
F 14	20 34	24 43	2 42	16 12	1 11	25 35	2 29	1 12	1 29	8 15	1 22	22 31	0 37	14 23	0 24	13 7	0 35	20 27	2 57	23 4	4 23	7 24	46 12	36 7 13
S 15	20 45	23 21	3 34	16 54	1 1	25 22	2 18	1 30	1 29	8 14	1 22	22 31	0 37	14 24	0 24	13 7	0 35	20 27	2 57	23 4	4 23	7 24	46 12	35 7 14
S 16	20 56	20 58	4 17	17 36	0 50	25 8	2 6	1 48	1 29	8 13	1 21	22 31	0 37	14 25	0 24	13 7	0 35	20 27	2 57	23 4	4 23	6 24	46 12	35 7 14
M17	21 7	17 39	4 50	18 17	0 40	24 54	1 54	2 5	1 29	8 12	1 21	22 32	0 37	14 26	0 24	13 7	0 35	20 27	2 56	23 4	4 23	6 24	46 12	35 7 14
T 18	21 17	13 33	5 10	18 57	0 29	24 39	1 42	2 23	1 29	8 10	1 21	22 32	0 37	14 27	0 24	13 7	0 35	20 27	2 56	23 4	4 23	6 24	46 12	35 7 15
W19	21 27	8 48	5 17	19 36	0 18	24 24	1 29	2 41	1 29	8 9	1 21	22 32	0 37	14 28	0 24	13 7	0 35	20 27	2 56	23 4	4 23	6 24	46 12	35 7 15
T 20	21 37	3 33	5 8	20 14	0 7	24 7	1 16	2 58	1 29	8 7	1 21	22 32	0 37	14 29	0 24	13 7	0 35	20 27	2 56	23 4	4 23	5 24	45 12	35 7 16
F 21	21 46	2s 1	4 42	20 50	0n 3	23 51	1 3	3 16	1 29	8 5	1 20	22 33	0 37	14 30	0 24	13 7	0 35	20 28	2 56	23 4	4 23	5 24	45 12	35 7 16
S 22	21 55	7 41	4 0	21 25	0 14	23 33	0 49	3 33	1 29	8 4	1 20	22 33	0 36	14 31	0 24	13 7	0 35	20 28	2 56	23 4	4 23	5 24	45 12	34 7 17
S 23	22 3	13 8	3 3	21 58	0 24	23 16	0 35	3 51	1 29	8 2	1 20	22 33	0 36	14 32	0 24	13 7	0 35	20 28	2 56	23 4	4 23	5 24	45 12	34 7 17
M24	22 12	18 1	1 52	22 29	0 34	22 58	0 21	4 8	1 29	8 0	1 20	22 34	0 36	14 33	0 24	13 7	0 35	20 28	2 56	23 4	4 23	4 24	45 12	34 7 18
T 25	22 19	21 53	0 33	22 58	0 44	22 39	0 7	4 25	1 28	7 58	1 20	22 34	0 36	14 34	0 24	13 7	0 35	20 28	2 56	23 4	4 23	4 24	45 12	34 7 18
W26	22 27	24 19	0s50	23 24	0 53	22 21	0s 7	4 43	1 28	7 57	1 19	22 34	0 36	14 35	0 24	13 7	0 35	20 28	2 56	23 4	4 23	4 24	45 12	34 7 18
T 27	22 34	25 1	2 10	23 48	1 2	22 2	0 21	5 0	1 28	7 55	1 19	22 35	0 36	14 36	0 24	13 7	0 35	20 28	2 56	23 4	4 23	4 24	45 12	34 7 19
F 28	22 40	23 54	3 20	24 9	1 11	21 43	0 35	5 17	1 28	7 53	1 19	22 35	0 36	14 36	0 24	13 7	0 35	20 28	2 56	23 4	4 23	4 24	45 12	

SWISS EPHEMERIS for the year 1518

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T 1	17 13 36	18II55'47	24X42	26II47	9°R43	19Y47	13M26	8°R57	10B37	26°R54	5°R 4	19II 0	18II56	18B38	2°R 7								
W 2	17 17 33	19°53'02	8Y 2	28°52	9II10	20°31	13°31	8B53	10°40	26°R54	5B 3	19° 0	18°53	18°45	2° 5								
T 3	17 21 29	20°50'17	21° 4	0B56	8°39	21°15	13°37	8°49	10°43	26°54	5° 1	19° 1	18°50	18°51	2° 3								
F 4	17 25 26	21°47'32	3B49	2°59	8° 9	21°59	13°43	8°45	10°46	26°53	5° 0	19° 1	18°47	18°58	2° 1								
S 5	17 29 22	22°44'46	16°18	4°59	7°41	22°42	13°49	8°41	10°49	26°53	4°58	19° 1	18°44	19° 5	1°58								
S 6	17 33 19	23°42'00	28°36	6°57	7°16	23°26	13°55	8°37	10°52	26°52	4°57	19° 2	18°41	19°11	1°56								
M 7	17 37 16	24°39'14	10II43	8°54	6°52	24° 9	14° 1	8°32	10°54	26°52	4°56	19° 2	18°37	19°18	1°53								
T 8	17 41 12	25°36'28	22°43	10°48	6°30	24°53	14° 7	8°28	10°57	26°51	4°54	19°R 2	18°34	19°25	1°51								
W 9	17 45 9	26°33'41	4B36	12°40	6°11	25°36	14°14	8°24	11° 0	26°51	4°53	19° 2	18°31	19°31	1°48								
T 10	17 49 5	27°30'54	16°26	14°30	5°54	26°20	14°21	8°20	11° 2	26°50	4°51	19° 1	18°28	19°38	1°46								
F 11	17 53 2	28°28'07	28°14	16°18	5°39	27° 3	14°27	8°15	11° 5	26°49	4°50	19° 0	18°25	19°45	1°43								
S 12	17 56 58	29°25'19	10II 3	18° 3	5°27	27°46	14°34	8°11	11° 8	26°49	4°48	18°58	18°21	19°51	1°40								
S 13	18 0 55	0B22'31	21°57	19°47	5°17	28°29	14°41	8° 7	11°10	26°48	4°47	18°57	18°18	19°58	1°38								
M14	18 4 52	1°19'43	3M58	21°28	5° 9	29°12	14°49	8° 2	11°13	26°47	4°45	18°55	18°15	20° 5	1°35								
T 15	18 8 48	2°16'54	16°10	23° 7	5° 4	29°55	14°56	7°58	11°15	26°47	4°44	18°54	18°12	20°11	1°32								
W16	18 12 45	3°14'05	28°37	24°44	5° 1	0B38	15° 3	7°53	11°17	26°46	4°42	18°D54	18° 9	20°18	1°29								
T 17	18 16 41	4°11'15	11B23	26°19	5°D 1	1°21	15°11	7°49	11°20	26°45	4°41	18°54	18° 6	20°25	1°26								
F 18	18 20 38	5° 8'26	24°32	27°51	5° 3	2° 4	15°18	7°45	11°22	26°44	4°39	18°55	18° 2	20°31	1°23								
S 19	18 24 34	6° 5'36	8M 6	29°21	5° 7	2°46	15°26	7°40	11°25	26°43	4°38	18°56	17°59	20°38	1°21								
S 20	18 28 31	7° 2'46	22° 7	0II49	5°13	3°29	15°34	7°36	11°27	26°42	4°36	18°57	17°56	20°45	1°18								
M21	18 32 27	7°59'56	6X34	2°15	5°22	4°11	15°42	7°31	11°29	26°41	4°35	18°58	17°53	20°51	1°14								
T 22	18 36 24	8°57'05	21°23	3°38	5°32	4°54	15°50	7°27	11°31	26°40	4°33	18°R58	17°50	20°58	1°11								
W23	18 40 21	9°54'15	6B28	4°59	5°45	5°36	15°59	7°23	11°34	26°39	4°32	18°57	17°47	21° 5	1° 8								
T 24	18 44 17	10°51'25	21°41	6°17	5°59	6°18	16° 7	7°18	11°36	26°38	4°30	18°56	17°43	21°12	1° 5								
F 25	18 48 14	11°48'36	6B51	7°34	6°16	7° 0	16°15	7°14	11°38	26°37	4°29	18°53	17°40	21°18	1° 2								
S 26	18 52 10	12°45'46	21°50	8°47	6°34	7°42	16°24	7° 9	11°40	26°36	4°27	18°50	17°37	21°25	0°59								
S 27	18 56 7	13°42'57	6X28	9°58	6°55	8°24	16°33	7° 5	11°42	26°35	4°26	18°47	17°34	21°32	0°56								
M28	19 0 3	14°40'09	20°43	11° 7	7°17	9° 6	16°42	7° 1	11°44	26°34	4°24	18°45	17°31	21°38	0°52								
T 29	19 4 0	15°37'21	4Y30	12°12	7°40	9°48	16°50	6°56	11°46	26°33	4°23	18°43	17°27	21°45	0°49								
W30	19 7 56	16B34'34	17Y51	13II15	8II 6	10B29	16M59	6B52	11B48	26B32	4B21	18°D43	17II24	21B52	0B46								

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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	23n 2	6s57	5s16	25n 6	1n38	20n29	1s30	6n24	1s27	7n44	1n18	22s36	0n36	14n40	0s24	13s 8	0s35	20s29	2n55	23n 3	23n 2	24n44	12s35	7n21
W 2	23 7	1 24	5 0	25 13	1 43	20 11	1 43	6 41	1 27	7 42	1 18	22 36	0 36	14 41	0 24	13 8	0 35	20 29	2 55	23 3	23 2	24 44	12 35	7 21
T 3	23 11	4n 5	4 29	25 17	1 47	19 54	1 55	6 58	1 27	7 39	1 18	22 37	0 36	14 42	0 24	13 8	0 35	20 29	2 55	23 3	23 2	24 44	12 35	7 21
F 4	23 15	9 17	3 46	25 19	1 51	19 37	2 8	7 14	1 27	7 37	1 18	22 37	0 36	14 43	0 24	13 8	0 35	20 29	2 55	23 3	23 2	24 43	12 35	7 22
S 5	23 18	14 1	2 52	25 18	1 54	19 21	2 19	7 31	1 27	7 34	1 17	22 37	0 36	14 44	0 24	13 8	0 35	20 29	2 55	23 3	23 1	24 43	12 35	7 22
S 6	23 21	18 6	1 51	25 15	1 56	19 6	2 31	7 47	1 26	7 32	1 17	22 38	0 36	14 45	0 24	13 9	0 35	20 30	2 55	23 3	23 1	24 43	12 35	7 22
M 7	23 24	21 21	0 46	25 9	1 57	18 51	2 42	8 3	1 26	7 29	1 17	22 38	0 35	14 45	0 24	13 9	0 35	20 30	2 55	23 3	23 1	24 43	12 35	7 23
T 8	23 26	23 38	0n20	25 1	1 58	18 38	2 52	8 20	1 26	7 27	1 17	22 39	0 35	14 46	0 24	13 9	0 35	20 30	2 55	23 3	23 1	24 43	12 36	7 23
W 9	23 27	24 51	1 25	24 51	1 58	18 25	3 2	8 36	1 26	7 24	1 17	22 39	0 35	14 47	0 24	13 9	0 35	20 30	2 55	23 3	23 0	24 42	12 36	7 23
T 10	23 29	24 54	2 26	24 39	1 57	18 13	3 11	8 52	1 25	7 21	1 16	22 39	0 35	14 48	0 24	13 9	0 36	20 30	2 55	23 3	23 0	24 42	12 36	7 24
F 11	23 30	23 51	3 21	24 25	1 56	18 1	3 20	9 7	1 25	7 18	1 16	22 40	0 35	14 49	0 24	13 10	0 36	20 30	2 55	23 3	23 0	24 42	12 36	7 24
S 12	23 30	21 44	4 7	24 9	1 53	17 51	3 28	9 23	1 25	7 15	1 16	22 40	0 35	14 49	0 24	13 10	0 36	20 30	2 55	23 3	22 59	24 42	12 37	7 24
S 13	23 30	18 40	4 42	23 52	1 51	17 42	3 36	9 39	1 25	7 13	1 16	22 40	0 35	14 50	0 24	13 10	0 36	20 31	2 54	23 3	22 59	24 41	12 37	7 25
M14	23 30	14 49	5 6	23 33	1 47	17 33	3 44	9 54	1 24	7 10	1 16	22 41	0 35	14 51	0 24	13 10	0 36	20 31	2 54	23 3	22 59	24 41	12 37	7 25
T 15	23 29	10 19	5 16	23 13	1 43	17 25	3 50	10 10	1 24	7 7	1 15	22 41	0 35	14 52	0 24	13 11	0 36	20 31	2 54	23 3	22 59	24 41	12 38	7 25
W16	23 28	5 19	5 12	22 51	1 39	17 19	3 57	10 25	1 24	7 4	1 15	22 41	0 35	14 53	0 24	13 11	0 36	20 31	2 54	23 3	22 58	24 41	12 38	7 25
T 17	23 26	0s 2	4 52	22 29	1 34	17 13	4 3	10 40	1 23	7 0	1 15	22 42	0 35	14 53	0 24	13 11	0 36	20 31	2 54	23 3	22 58	24 40	12 38	7 26
F 18	23 24	5 32	4 17	22 5	1 28	17 8	4 8	10 55	1 23	6 57	1 15	22 42	0 35	14 54	0 24	13 12	0 36	20 31	2 54	23 3	22 58	24 40	12 39	7 26
S 19	23 22	10 59	3 27	21 40	1 22	17 4	4 13	11 10	1 23	6 54	1 15	22 42	0 35	14 55	0 24	13 12	0 36	20 31	2 54	23 3	22 57	24 40	12 39	7 26
S 20	23 19	16 3	2 23	21 15	1 15	17 0	4 17	11 25	1 22	6 51	1 15	22 43	0 34	14 55	0 24	13 12	0 36	20 32	2 54	23 3	22 57	24 39	12 40	7 26
M21	23 16	20 21	1 8	20 48	1 7	16 58	4 21	11 40	1 22	6 48	1 14	22 43	0 34	14 56	0 24	13 13	0 36	20 32	2 54	23 3	22 57	24 39	12 40	7 27
T 22	23 12	23 27	0s13	20 22	1 0	16 56	4 25	11 54	1 22	6 44	1 14	22 43	0 34	14 57	0 24	13 13	0 36	20 32	2 54	23 3	22 57	24 39	12 40	7 27
W23	23 8	24 56	1 35	19 54	0 51	16 55	4 28	12 9	1 21	6 41	1 14	22 44	0 34	14 57	0 24	13 13	0 36	20 32	2 53	23 3	22 56	24 38	12 41	7 27
T 24	23 3 24	34 2	2 51	19 26	0 43	16 55	4 31	12 23	1 21	6 38	1 14	22 44	0 34	14 58	0 24	13 14	0 36	20 32	2 53	23 3	22 56	24 38	12 41	7 27
F 25	22 59	22 23	3 54	18 58	0 33	16 55	4 34	12 37	1 20	6 34	1 14	22 44	0 34	14 59	0 24	13 14	0 36	20 32	2 53	23 3	22 56	24 38	12 42	7 27
S 26	22 53	18 41	4 40	18 30	0 24	16 56	4 36	12 51	1 20	6 31	1 14	22 45	0 34	14 59	0 24	13 15	0 36	20 33	2 53	23 3	22 55	24 37	12 42	7 28
S 27	22 48	13 55	5 7	18 1	0 14	16 57	4 38	13 5	1 19	6 27	1 13	22 45	0 34	15 0	0 24	13 15	0 36	20 33	2 53	23 3	22 55	24 37	12 43	7 28
M28	22 42	8 30	5 14	17 32	0 3	16 59	4 39	13 19	1 19	6 23	1 13	22 45	0 34	15 1	0 24	13 15	0 36	20 33	2 53	23 3	22 55	24 37	12 43	7 28
T 29	22 35	2 50	5 3	17 4	0s 8	17 2	4 40	13 33	1 18	6 20	1 13	22												

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T 1	19 11 53	17°31'47	0°58'48	14°15	8°11'33	11°18	17°09	6°R48	11°50	26°R31	4°R20	18°11'43	17°11'21	21°58'58	0°R43	
F 2	19 15 50	18°29'02	13°24	15°13	9° 1	11°52	17°18	6°Z43	11°51	26°R30	4°R18	18°45	17°18	22° 5	0°R39	
S 3	19 19 46	19°26'17	25°43	16° 7	9°32	12°34	17°27	6°39	11°53	26°28	4°17	18°46	17°15	22°12	0°36	
S 4	19 23 43	20°23'33	7°11'49	16°57	10° 3	13°15	17°37	6°35	11°55	26°27	4°15	18°48	17°12	22°18	0°33	
M 5	19 27 39	21°20'49	19°47	17°45	10°36	13°56	17°46	6°31	11°57	26°26	4°14	18°R48	17° 8	22°25	0°29	
T 6	19 31 36	22°18'07	1°58'38	18°29	11°10	14°37	17°56	6°27	11°58	26°25	4°13	18°47	17° 5	22°32	0°26	
W 7	19 35 32	23°15'25	13°27	19° 9	11°45	15°18	18° 5	6°22	12° 0	26°23	4°11	18°45	17° 2	22°38	0°23	
T 8	19 39 29	24°12'43	25°16	19°45	12°22	15°59	18°15	6°18	12° 2	26°22	4°10	18°41	16°59	22°45	0°19	
F 9	19 43 25	25°10'03	7°12' 5	20°18	13° 0	16°40	18°25	6°14	12° 3	26°21	4° 8	18°35	16°56	22°52	0°16	
S 10	19 47 22	26° 7'22	18°59	20°46	13°39	17°20	18°35	6°10	12° 5	26°19	4° 7	18°29	16°53	22°58	0°12	
S 11	19 51 19	27° 4'43	0°11'58	21°10	14°19	18° 1	18°45	6° 6	12° 6	26°18	4° 6	18°22	16°49	23° 5	0° 9	
M12	19 55 15	28° 2'04	13° 4	21°30	15° 0	18°41	18°55	6° 2	12° 7	26°17	4° 4	18°15	16°46	23°12	0° 5	
T 13	19 59 12	28°59'26	25°20	21°45	15°42	19°21	19° 6	5°58	12° 9	26°15	4° 3	18° 9	16°43	23°18	0° 2	
W14	20 3 8	29°56'48	7°49	21°55	16°25	20° 1	19°16	5°55	12°10	26°14	4° 2	18° 5	16°40	23°25	29°59	
T 15	20 7 5	0°15'41	20°34	22° 0	17° 8	20°41	19°26	5°51	12°11	26°12	4° 0	18° 3	16°37	23°32	29°55	
F 16	20 11 1	1°51'34	3°11'38	22°R 0	17°53	21°21	19°37	5°47	12°12	26°11	3°59	18°D 3	16°33	23°38	29°52	
S 17	20 14 58	2°48'58	17° 4	21°55	18°39	22° 1	19°47	5°43	12°14	26° 9	3°58	18° 3	16°30	23°45	29°48	
S 18	20 18 54	3°46'23	0°17'55	21°44	19°25	22°41	19°58	5°40	12°15	26° 8	3°56	18° 5	16°27	23°52	29°45	
M19	20 22 51	4°43'49	15°11	21°29	20°13	23°20	20° 9	5°36	12°16	26° 6	3°55	18°R 5	16°24	23°58	29°42	
T 20	20 26 48	5°41'15	29°51	21° 8	21° 1	23°59	20°20	5°33	12°17	26° 5	3°54	18° 5	16°21	24° 5	29°38	
W21	20 30 44	6°38'42	14°35'50	20°42	21°50	24°39	20°30	5°29	12°18	26° 3	3°53	18° 2	16°18	24°12	29°35	
T 22	20 34 41	7°36'10	0°32' 2	20°11	22°39	25°18	20°41	5°26	12°19	26° 2	3°52	17°58	16°14	24°18	29°31	
F 23	20 38 37	8°33'39	15°16	19°36	23°30	25°57	20°52	5°22	12°20	26° 0	3°50	17°52	16°11	24°25	29°28	
S 24	20 42 34	9°31'09	0°18'22	18°57	24°20	26°36	21° 4	5°19	12°20	25°59	3°49	17°44	16° 8	24°32	29°25	
S 25	20 46 30	10°28'41	15°11	18°14	25°12	27°14	21°15	5°16	12°21	25°57	3°48	17°36	16° 5	24°38	29°21	
M26	20 50 27	11°26'13	29°35	17°28	26° 4	27°53	21°26	5°13	12°22	25°56	3°47	17°29	16° 2	24°45	29°18	
T 27	20 54 23	12°23'47	13°17'30	16°40	26°57	28°31	21°37	5°10	12°23	25°54	3°46	17°24	15°59	24°52	29°15	
W28	20 58 20	13°21'23	26°56	15°51	27°51	29°10	21°49	5° 7	12°23	25°53	3°45	17°21	15°55	24°58	29°12	
T 29	21 2 17	14°19'00	9°55'55	15° 1	28°45	29°48	22° 0	5° 4	12°24	25°51	3°44	17°D19	15°52	25° 5	29° 8	
F 30	21 6 13	15°16'39	22°29	14°12	29°39	0°11'26	22°11	5° 1	12°24	25°49	3°43	17°19	15°49	25°12	29° 5	
S 31	21 10 10	16°14'19	4°11'45	13°12'24	0°33'4	1°11' 4	22°11'23	4°58	12°25	25°48	3°42	17°120	15°46	25°18	29° 2	

Day	☉	☽	♃	♄	♅	♆	♇	♁	♂	♆	♁	♁	♁	♁	♁	♁								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	22n21	8n 8	3s54	16n 7	0s30	17n 9	4s42	14n 0	1s18	6n12	1n13	22s46	0n33	15n 2	0s24	13s17	0s36	20s33	2n53	23n 1	22n54	24n36	12s45	7n28
F 2	22 13 13	0 3	2 15 39	0 42	17 13	4 42	14 13	1 17	6 9	1 13	22 47	0 33	15 3	0 24	13 17	0 36	20 34	2 52	23 1	22 54	24 35	12 46	7 28	
S 3	22 5 17	15 2	3 15 11	0 54	17 17	4 42	14 26	1 16	6 5	1 13	22 47	0 33	15 3	0 24	13 17	0 36	20 34	2 52	23 2	22 53	24 35	12 46	7 28	
S 4	21 57 20	41 1	0 14 44	1 6	17 22	4 42	14 39	1 16	6 1	1 12	22 47	0 33	15 4	0 24	13 18	0 36	20 34	2 52	23 2	22 53	24 35	12 47	7 29	
M 5	21 48 23	12 0n	5 14 18	1 19	17 27	4 42	14 52	1 15	5 57	1 12	22 47	0 33	15 4	0 24	13 18	0 36	20 34	2 52	23 2	22 53	24 34	12 47	7 29	
T 6	21 39 24	39 1	10 13 52	1 32	17 32	4 41	15 4	1 15	5 53	1 12	22 48	0 33	15 5	0 24	13 19	0 36	20 34	2 52	23 2	22 52	24 34	12 48	7 29	
W 7	21 30 24	59 2	11 13 28	1 45	17 38	4 40	15 17	1 14	5 49	1 12	22 48	0 33	15 5	0 24	13 19	0 36	20 34	2 52	23 1	22 52	24 33	12 49	7 29	
T 8	21 20 24	11 3	6 13 4	1 58	17 44	4 39	15 29	1 14	5 45	1 12	22 48	0 33	15 6	0 24	13 20	0 36	20 35	2 52	23 1	22 52	24 33	12 49	7 29	
F 9	21 9 22	18 3	5 3	12 41	2 11	17 49	4 38	15 41	1 13	5 41	1 12	22 49	0 33	15 6	0 24	13 20	0 36	20 35	2 51	23 1	22 51	24 32	12 50	7 29
S 10	20 59 19	27 4	4 30	12 20	2 24	17 56	4 36	15 53	1 13	5 37	1 12	22 49	0 33	15 7	0 24	13 21	0 36	20 35	2 51	23 0	22 51	24 32	12 51	7 29
S 11	20 48 15	46 4	4 56	12 0	2 37	18 2	4 35	16 5	1 12	5 33	1 11	22 49	0 32	15 7	0 24	13 21	0 36	20 35	2 51	22 59	22 51	24 32	12 51	7 29
M12	20 37 11	25 5	8 11 41	2 51	18 8	4 33	16 17	1 11	5 29	1 11	22 50	0 32	15 8	0 24	13 22	0 36	20 35	2 51	22 59	22 51	24 31	12 52	7 29	
T 13	20 25 6	33 5	7 11 24	3 4	18 15	4 31	16 29	1 11	5 25	1 11	22 50	0 32	15 8	0 24	13 22	0 36	20 36	2 51	22 58	22 50	24 31	12 53	7 29	
W14	20 13 1 21	4 52	11 9	3 16	18 21	4 28	16 40	1 10	5 21	1 11	22 50	0 32	15 8	0 24	13 23	0 36	20 36	2 51	22 58	22 50	24 30	12 53	7 29	
T 15	20 1 4	s 1	4 21	10 55	3 29	18 28	4 26	16 51	1 10	5 17	1 11	22 50	0 32	15 9	0 24	13 23	0 36	20 36	2 51	22 58	22 50	24 30	12 54	7 29
F 16	19 48 9	21 3	3 37	10 44	3 41	18 34	4 24	17 2	1 9	5 12	1 11	22 51	0 32	15 9	0 24	13 24	0 36	20 36	2 51	22 58	22 49	24 29	12 55	7 29
S 17	19 35 14	25 2	4 0	10 35	3 52	18 41	4 21	17 13	1 8	5 8	1 11	22 51	0 32	15 9	0 24	13 24	0 36	20 36	2 50	22 58	22 49	24 29	12 56	7 29
S 18	19 22 18	54 1	32 10 28	4 3	18 47	4 18	17 24	1 8	5 4	1 11	22 51	0 32	15 10	0 24	13 25	0 36	20 36	2 50	22 58	22 49	24 28	12 56	7 29	
M19	19 8 22	25 0	16 10 23	4 13	18 54	4 15	17 35	1 7	5 0	1 10	22 51	0 32	15 10	0 24	13 25	0 36	20 37	2 50	22 58	22 48	24 28	12 57	7 29	
T 20	18 54 24	33 1s	3 10 21	4 22	19 0	4 12	17 45	1 6	4 55	1 10	22 52	0 31	15 10	0 24	13 26	0 36	20 37	2 50	22 58	22 48	24 27	12 58	7 29	
W21	18 40 24	59 2	19 10 21	4 30	19 6	4 9	17 55	1 5	4 51	1 10	22 52	0 31	15 11	0 25	13 26	0 36	20 37	2 50	22 58	22 48	24 27	12 59	7 28	
T 22	18 25 23	33 3	26 10 24	4 37	19 12	4 6	18 5	1 5	4 46	1 10	22 52	0 31	15 11	0 25	13 27	0 37	20 37	2 50	22 57	22 47	24 26	12 59	7 28	
F 23	18 10 20	25 4	19 10 30	4 43	19 18	4 3	18 15	1 4	4 42	1 10	22 52	0 31	15 11	0 25	13 27	0 37	20 37	2 49	22 57	22 47	24 26	13 0	7 28	
S 24	17 55 15	56 4	53 10 38	4 47	19 24	3 59	18 25	1 3	4 37	1 10	22 53	0 31	15 11	0 25	13 28	0 37	20 38	2 49	22 56	22 47	24 25	13 1	7 28	
S 25	17 39 10	33 5	6 10 49	4 49	19 30	3 55	18 35	1 2	4 33	1 10	22 53	0 31	15 12	0 25	13 28	0 37	20 38	2 49	22 55	22 46	24 25	13 2	7 28	
M26	17 24 4	45 5	0 11 2	4 50	19 35	3 52	18 44	1 2	4 28	1 10	22 53	0 31	15 12	0 25	13 29	0 37	20 38	2 49	22 55	22 46	24 24	13 3	7 28	
T 27	17 8 1n	7 4	3 6 11 17	4 49	19 40	3 48	18 54	1 1	4 24	1 10	22 53	0 31	15 12	0 25	13 30	0 37	20 38	2 49	22 54	22 46	24 24	13 3	7 28	
W28	16 51 6	44 3	5 7 11 35	4 46	19 45	3 44	19 3	1 0	4 19	1 9	22 54	0 31	15 12	0 25	13 30	0 37	20 38	2 49						

SWISS EPHEMERIS for the year 1518

AUGUST 1518 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	21 14 6	17°12'01"	16°11'47"	12°R38	1°E30	1°II41	22°M35	4°R56	12°R25	25°R46	3°R41	17°R21	15°II43	25°E25	28°R59	
M 2	21 18 3	18° 9'45"	28°40	11°O56	2°E26	2°I19	22°46	4°R53	12°26	25°R44	3°R40	17°II20	15°39	25°32	28°E56	
T 3	21 21 59	19° 7'30"	10°E28	11°18	3°E23	2°E56	22°58	4°50	12°26	25°43	3°39	17°17	15°36	25°38	28°E52	
W 4	21 25 56	20° 5'16"	22°16	10°45	4°20	3°34	23°10	4°48	12°26	25°41	3°38	17°12	15°33	25°45	28°49	
T 5	21 29 52	21° 3'05"	4°O 6	10°18	5°17	4°11	23°22	4°46	12°26	25°40	3°37	17° 4	15°30	25°52	28°46	
F 6	21 33 49	22° 0'54"	16° 1	9°57	6°15	4°48	23°33	4°43	12°26	25°38	3°36	16°54	15°27	25°58	28°43	
S 7	21 37 46	22°58'45"	28° 2	9°43	7°14	5°24	23°45	4°41	12°27	25°36	3°35	16°43	15°24	26° 5	28°40	
S 8	21 41 42	23°56'38"	10°M10	9°D37	8°13	6° 1	23°57	4°39	12°27	25°35	3°34	16°30	15°20	26°12	28°37	
M 9	21 45 39	24°54'32"	22°27	9°39	9°12	6°37	24° 9	4°37	12°R27	25°33	3°34	16°18	15°17	26°19	28°34	
T 10	21 49 35	25°52'27"	4°E54	9°48	10°11	7°14	24°21	4°35	12°27	25°31	3°33	16° 8	15°14	26°25	28°31	
W 11	21 53 32	26°50'24"	17°32	10° 6	11°11	7°50	24°34	4°33	12°27	25°30	3°32	16° 0	15°11	26°32	28°29	
T 12	21 57 28	27°48'22"	0°M.23	10°31	12°12	8°26	24°46	4°31	12°26	25°28	3°31	15°54	15° 8	26°39	28°26	
F 13	22 1 25	28°46'22"	13°29	11° 5	13°13	9° 1	24°58	4°30	12°26	25°26	3°31	15°52	15° 4	26°45	28°23	
S 14	22 5 21	29°44'23"	26°51	11°46	14°14	9°37	25°10	4°28	12°26	25°25	3°30	15°D51	15° 1	26°52	28°20	
S 15	22 9 18	0°M42'25"	10°A34	12°35	15°15	10°12	25°23	4°26	12°26	25°23	3°29	15°R51	14°58	26°59	28°18	
M 16	22 13 15	1°40'29"	24°37	13°32	16°17	10°47	25°35	4°25	12°25	25°21	3°29	15°51	14°55	27° 5	28°15	
T 17	22 17 11	2°38'34"	9°E 1	14°35	17°19	11°22	25°47	4°24	12°25	25°20	3°28	15°49	14°52	27°12	28°12	
W 18	22 21 8	3°36'41"	23°43	15°45	18°21	11°57	26° 0	4°23	12°25	25°18	3°28	15°45	14°49	27°19	28°10	
T 19	22 25 4	4°34'49"	8°A40	17° 2	19°24	12°31	26°12	4°21	12°24	25°17	3°27	15°39	14°45	27°25	28° 7	
F 20	22 29 1	5°32'59"	23°42	18°24	20°27	13° 6	26°25	4°20	12°24	25°15	3°26	15°29	14°42	27°32	28° 5	
S 21	22 32 57	6°31'10"	8°A40	19°51	21°30	13°40	26°37	4°19	12°23	25°13	3°26	15°19	14°39	27°39	28° 3	
S 22	22 36 54	7°29'23"	23°26	21°23	22°33	14°14	26°50	4°19	12°22	25°12	3°25	15° 7	14°36	27°45	28° 0	
M 23	22 40 50	8°27'38"	7°V51	22°59	23°37	14°48	27° 2	4°18	12°22	25°10	3°25	14°57	14°33	27°52	27°58	
T 24	22 44 47	9°25'55"	21°49	24°39	24°41	15°21	27°15	4°17	12°21	25° 9	3°25	14°49	14°30	27°59	27°56	
W 25	22 48 44	10°24'14"	5°E18	26°22	25°46	15°54	27°28	4°17	12°20	25° 7	3°24	14°43	14°26	28° 5	27°54	
T 26	22 52 40	11°22'35"	18°20	28° 8	26°50	16°28	27°40	4°16	12°19	25° 5	3°24	14°39	14°23	28°12	27°51	
F 27	22 56 37	12°20'58"	0°II.58	29°56	27°55	17° 0	27°53	4°16	12°19	25° 4	3°24	14°38	14°20	28°19	27°49	
S 28	23 0 33	13°19'23"	13°15	1°M45	29° 0	17°33	28° 6	4°15	12°18	25° 2	3°23	14°37	14°17	28°25	27°47	
S 29	23 4 30	14°17'51"	25°17	3°36	0°O 6	18° 5	28°18	4°15	12°17	25° 1	3°23	14°37	14°14	28°32	27°45	
M 30	23 8 26	15°16'21"	7°E10	5°27	1°11	18°37	28°31	4°D15	12°16	24°59	3°23	14°36	14°10	28°39	27°44	
T 31	23 12 23	16°14'53"	18°E58	7°M20	2°O17	19°II 9	28°M44	4°E15	12°E15	24°E58	3°E23	14°II33	14°II 7	28°E45	27°E42	

Day	☉	☽	♀	♁	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	15n43	22n48	0s 3	12n58	4s15	20n 2	3s28	19n38	0s57	4n 1	1n 9	22s55	0n30	15n13	0s25	13s32
M 2	15 26 24	30 3	1n 0	13 21	4 4	20 5	3 24	19 46	0 56	3 56	1 9	22 55	0 30	15 13	0 25	13 33
T 3	15 8 25	5 2	0 13	13 45	3 50	20 8	3 20	19 54	0 55	3 51	1 9	22 55	0 30	15 13	0 25	13 33
W 4	14 50 24	32 2	5 5	14 7	3 36	20 11	3 15	20 2	0 54	3 46	1 9	22 55	0 30	15 13	0 25	13 34
T 5	14 31 22	53 3	4 2	14 30	3 42	20 13	3 11	20 10	0 53	3 42	1 9	22 55	0 30	15 13	0 25	13 35
F 6	14 12 20	13 4	2 4	14 51	3 3	20 15	3 6	20 17	0 52	3 37	1 9	22 56	0 29	15 13	0 25	13 35
S 7	13 54 16	40 4	4 46	15 11	2 46	20 17	3 2	20 25	0 52	3 32	1 9	22 56	0 29	15 13	0 25	13 36
S 8	13 35 12	24 5	0 15	15 30	2 29	20 18	2 57	20 32	0 51	3 27	1 9	22 56	0 29	15 13	0 25	13 36
M 9	13 15 7	36 5	0 16	15 47	2 11	20 18	2 53	20 39	0 50	3 22	1 8	22 56	0 29	15 13	0 25	13 37
T 10	12 56 2	25 4	4 46	16 2	1 52	20 19	2 48	20 46	0 49	3 18	1 8	22 56	0 29	15 13	0 25	13 37
W 11	12 36 2	256	4 18	16 15	1 34	20 19	2 44	20 53	0 48	3 13	1 8	22 57	0 29	15 13	0 25	13 38
T 12	12 16 8	15 3	3 36	16 25	1 16	20 18	2 39	21 0	0 47	3 8	1 8	22 57	0 29	15 13	0 25	13 39
F 13	11 56 13	20 13	2 43	16 33	0 59	20 17	2 34	21 6	0 46	3 3	1 8	22 57	0 29	15 13	0 25	13 39
S 14	11 36 17	54 1	1 39	16 40	0 42	20 16	2 30	21 13	0 45	2 58	1 8	22 57	0 28	15 13	0 25	13 40
S 15	11 15 21	38 0	2 8	16 40	0 26	20 14	2 25	21 19	0 44	2 53	1 8	22 57	0 28	15 13	0 25	13 40
M 16	10 54 24	10 0	0 46	16 39	0 10	20 11	2 20	21 25	0 43	2 48	1 8	22 57	0 28	15 13	0 25	13 41
T 17	10 34 25	11 1	5 9	16 35	0n 5	20 8	2 15	21 31	0 42	2 43	1 8	22 58	0 28	15 13	0 25	13 41
W 18	10 13 24	28 3	6 16	27 0	19 20	5 2	1 11	21 37	0 41	2 38	1 8	22 58	0 28	15 12	0 25	13 42
T 19	9 51 22	1 4	1 16	17 0	32 20	1 2	6 21	42 0	40	2 33	1 8	22 58	0 28	15 12	0 25	13 42
F 20	9 30 18	3 4	4 40	16 3	0 44	19 57	2 1	21 48	0 39	2 28	1 8	22 58	0 28	15 12	0 25	13 43
S 21	9 9 12	57 4	5 9	15 46	0 55	19 52	1 56	21 53	0 37	2 23	1 8	22 58	0 28	15 12	0 25	13 44
S 22	8 47 7	10 4	5 8	15 26	1 5	19 47	1 52	21 58	0 36	2 18	1 8	22 58	0 28	15 12	0 25	13 44
M 23	8 25 1	8 4	3 7	15 3	1 14	19 41	1 47	22 3	0 35	2 13	1 8	22 59	0 27	15 12	0 25	13 45
T 24	8 3 4n48	4 1	1 14	37 1	22 19	34 1	4 22	2 8	0 34	2 8	1 8	22 59	0 27	15 11	0 25	13 45
W 25	7 41 10	19 3	12 14	9 1	28 19	27 1	37 22	13 0	33 2	3 1	8	22 59	0 27	15 11	0 25	13 46
T 26	7 19 15	11 2	14 13	38 1	34 19	20 1	32 22	17 0	32 1	5 8	1 8	22 59	0 27	15 11	0 25	13 46
F 27	6 57 19	14 1	12 13	4 1	39 19	12 1	28 22	22 0	30 1	5 3	1 8	22 59	0 27	15 11	0 25	13 47
S 28	6 34 22	20 0	7 12	29 1	43 19	4 1	23 22	26 0	29 1	4 7	1 7	22 59	0 27	15 10	0 25	13 47
S 29	6 12 24	21 0n56	11 51	1 46	18 55	1 18	22 30	0 28	1 42	1 7	22 59	0 27	15 10	0 25	13 48	
M 30	5 49 25	15 1	5 6	11 12	1 48	18 45	1 13	22 34	0 27	1 37	1 7	23 0	0 27	15 10	0 25	13 48
T 31	5n26	24n59	2n51	10n32	1n49	18n35	1s 9	22n38	0s26	1n32	1n 7	23s 0	0n26	15n 9	0s25	13s49

Julian Day Number = 2275719.5, Delta T = 181.67 sec

Ecliptic obliquity = 23°30'09", Nutation = - 0°00'15"

Ayanamsha: Fagan/Bradley = 18°01'23", Lahiri = 17°08'23" Julian Calendar 1 Aug. 1518 == Greg. Calendar 11 Aug. 1518



SWISS EPHEMERIS for the year 1518

SEPTEMBER 1518 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	23 16 19	17 <sup>h</sup> 13'27"	0 <sup>h</sup> 04'	9 <sup>h</sup> 12'	3 <sup>h</sup> 02'	19 <sup>h</sup> 11'	28 <sup>h</sup> 57'	4 <sup>h</sup> 15'	12°R14	24°R56	3°R22	14°R27	14 <sup>h</sup> 11'	4	28 <sup>h</sup> 52'	27°R40							
T 2	23 20 16	18°12'03"	12°41'	11° 5'	4°29'	20°12'	29°10'	4°16'	12 <sup>h</sup> 12'	24 <sup>h</sup> 55'	3°22'	14 <sup>h</sup> 11'	14° 1'	28°59'	27 <sup>h</sup> 38'								
F 3	23 24 13	19°10'41"	24°42'	12°58'	5°36'	20°43'	29°23'	4°16'	12°11'	24°53'	3°22'	14° 7'	13°58'	29° 6'	27°37'								
S 4	23 28 9	20° 9'21"	6 <sup>h</sup> 52'	14°50'	6°43'	21°14'	29°35'	4°16'	12°10'	24°52'	3°22'	13°54'	13°55'	29°12'	27°35'								
S 5	23 32 6	21° 8'04"	19°13'	16°42'	7°49'	21°45'	29°48'	4°17'	12° 9'	24°50'	3°22'	13°40'	13°51'	29°19'	27°34'								
M 6	23 36 2	22° 6'48"	1 <sup>h</sup> 04'	18°33'	8°57'	22°15'	0 <sup>h</sup> 01'	4°17'	12° 7'	24°49'	3°D22	13°27'	13°48'	29°26'	27°32'								
T 7	23 39 59	23° 5'34"	14°30'	20°24'	10° 4'	22°45'	0°14'	4°18'	12° 6'	24°48'	3°22'	13°15'	13°45'	29°32'	27°31'								
W 8	23 43 55	24° 4'22"	27°25'	22°14'	11°11'	23°15'	0°27'	4°19'	12° 5'	24°46'	3°22'	13° 6'	13°42'	29°39'	27°29'								
T 9	23 47 52	25° 3'12"	10 <sup>h</sup> 13'	24° 3'	12°19'	23°44'	0°40'	4°20'	12° 3'	24°45'	3°22'	13° 0'	13°39'	29°46'	27°28'								
F 10	23 51 48	26° 2'04"	23°48'	25°52'	13°27'	24°13'	0°53'	4°21'	12° 2'	24°44'	3°22'	12°56'	13°36'	29°52'	27°27'								
S 11	23 55 45	27° 0'58"	7 <sup>h</sup> 18'	27°39'	14°35'	24°42'	1° 6'	4°22'	12° 0'	24°42'	3°22'	12°D55'	13°32'	29°59'	27°26'								
S 12	23 59 41	27°59'53"	21° 0'	29°26'	15°43'	25°11'	1°19'	4°23'	11°59'	24°41'	3°23'	12°R55'	13°29'	0 <sup>h</sup> 06'	27°25'								
M13	0 3 38	28°58'50"	4 <sup>h</sup> 35'	1 <sup>h</sup> 02'	16°51'	25°39'	1°32'	4°24'	11°57'	24°40'	3°23'	12°55'	13°26'	0°12'	27°24'								
T 14	0 7 35	29°57'49"	19° 7'	2°57'	18° 0'	26° 7'	1°45'	4°26'	11°55'	24°38'	3°23'	12°54'	13°23'	0°19'	27°23'								
W15	0 11 31	0 <sup>h</sup> 05'50"	3 <sup>h</sup> 31'	4°41'	19° 9'	26°34'	1°58'	4°27'	11°54'	24°37'	3°23'	12°50'	13°20'	0°26'	27°22'								
T 16	0 15 28	1°55'53"	18° 4'	6°24'	20°18'	27° 1'	2°11'	4°29'	11°52'	24°36'	3°24'	12°44'	13°16'	0°32'	27°21'								
F 17	0 19 24	2°54'57"	2 <sup>h</sup> 43'	8° 6'	21°27'	27°28'	2°24'	4°31'	11°50'	24°35'	3°24'	12°36'	13°13'	0°39'	27°21'								
S 18	0 23 21	3°54'03"	17°19'	9°48'	22°36'	27°55'	2°37'	4°32'	11°49'	24°33'	3°24'	12°25'	13°10'	0°46'	27°20'								
S 19	0 27 17	4°53'11"	1 <sup>h</sup> 47'	11°28'	23°45'	28°21'	2°50'	4°34'	11°47'	24°32'	3°25'	12°15'	13° 7'	0°53'	27°19'								
M20	0 31 14	5°52'21"	15°59'	13° 8'	24°55'	28°47'	3° 3'	4°36'	11°45'	24°31'	3°25'	12° 5'	13° 4'	0°59'	27°19'								
T 21	0 35 10	6°51'33"	29°49'	14°47'	26° 4'	29°12'	3°16'	4°38'	11°43'	24°30'	3°26'	11°56'	13° 1'	1° 6'	27°19'								
W22	0 39 7	7°50'48"	13 <sup>h</sup> 15'	16°26'	27°14'	29°37'	3°29'	4°40'	11°41'	24°29'	3°26'	11°50'	12°57'	1°13'	27°18'								
T 23	0 43 4	8°50'04"	26°17'	18° 3'	28°24'	0 <sup>h</sup> 02'	3°42'	4°43'	11°39'	24°28'	3°26'	11°47'	12°54'	1°19'	27°18'								
F 24	0 47 0	9°49'23"	8 <sup>h</sup> 15'	19°40'	29°34'	0°26'	3°55'	4°45'	11°37'	24°27'	3°27'	11°D46'	12°51'	1°26'	27°18'								
S 25	0 50 57	10°48'45"	21°14'	21°16'	0 <sup>h</sup> 44'	0°50'	4° 8'	4°47'	11°35'	24°26'	3°28'	11°46'	12°48'	1°33'	27°18'								
S 26	0 54 53	11°48'08"	3 <sup>h</sup> 08'	22°51'	1°55'	1°14'	4°21'	4°50'	11°33'	24°25'	3°28'	11°47'	12°45'	1°39'	27°D17'								
M27	0 58 50	12°47'34"	15°13'	24°26'	3° 5'	1°37'	4°34'	4°53'	11°31'	24°24'	3°29'	11°R47'	12°41'	1°46'	27°18'								
T 28	1 2 46	13°47'03"	27° 3'	26° 0'	4°16'	1°59'	4°46'	4°55'	11°29'	24°23'	3°29'	11°46'	12°38'	1°53'	27°18'								
W29	1 6 43	14°46'33"	8 <sup>h</sup> 05'	27°33'	5°27'	2°21'	4°59'	4°58'	11°27'	24°22'	3°30'	11°43'	12°35'	1°59'	27°18'								
T 30	1 10 39	15°46'06"	20 <sup>h</sup> 05'	29° 5'	6 <sup>h</sup> 38'	2°54'	5°12'	5°30'	11°25'	24°21'	3°31'	11°38'	12°32'	2° 6'	27°18'								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	5n 4	23n35	3n38	9n50	1n49	18n25	1s 4	22n42	0s24	1n27	1n 7	23s 0	0n26	15n 9	0s25	13s49	0s37	20s45	2n43	22n36	22n33	23n59	13s33	7n17
T 2	4 41	21 8	4 16	9 7	1 49	18 14	0 59	22 45	0 23	1 22	1 7	23 0	0 26	15 9	0 25	13 50	0 37	20 45	2 42	22 35	22 33	23 59	13 33	7 16
F 3	4 18	17 46	4 43	8 23	1 48	18 2	0 55	22 49	0 22	1 17	1 7	23 0	0 26	15 8	0 25	13 50	0 37	20 45	2 42	22 33	22 32	23 58	13 34	7 16
S 4	3 55	13 37	4 58	7 38	1 47	17 50	0 50	22 52	0 20	1 12	1 7	23 0	0 26	15 8	0 25	13 51	0 37	20 46	2 42	22 32	22 32	23 57	13 35	7 15
S 5	3 31	8 51	4 58	6 52	1 45	17 37	0 46	22 56	0 19	1 6	1 7	23 0	0 26	15 7	0 25	13 51	0 37	20 46	2 42	22 30	22 31	23 56	13 36	7 15
M 6	3 8	3 39	4 45	6 6	1 42	17 24	0 41	22 59	0 18	1 1	1 7	23 0	0 26	15 7	0 25	13 52	0 37	20 46	2 42	22 28	22 31	23 55	13 36	7 14
T 7	2 45	1s47	4 17	5 20	1 39	17 11	0 37	23 2	0 16	0 56	1 7	23 0	0 26	15 7	0 25	13 52	0 37	20 46	2 42	22 27	22 31	23 55	13 37	7 14
W 8	2 22	7 13	3 36	4 33	1 35	16 57	0 32	23 5	0 15	0 51	1 7	23 1	0 25	15 6	0 25	13 53	0 37	20 46	2 41	22 26	22 30	23 54	13 38	7 13
T 9	1 58	12 27	2 42	3 46	1 31	16 42	0 28	23 8	0 14	0 46	1 7	23 1	0 25	15 6	0 25	13 53	0 37	20 46	2 41	22 25	22 30	23 53	13 38	7 13
F 10	1 35	17 10	1 39	2 59	1 27	16 27	0 24	23 10	0 12	0 41	1 7	23 1	0 25	15 5	0 25	13 54	0 37	20 47	2 41	22 25	22 30	23 52	13 39	7 13
S 11	1 11	21 6	0 30	2 11	1 22	16 12	0 19	23 13	0 11	0 35	1 7	23 1	0 25	15 5	0 25	13 54	0 37	20 47	2 41	22 24	22 29	23 51	13 40	7 12
S 12	0 48	23 54	0s43	1 24	1 17	15 56	0 15	23 16	0 9	0 30	1 7	23 1	0 25	15 4	0 25	13 55	0 37	20 47	2 41	22 24	22 29	23 50	13 40	7 12
M13	0 24	25 19	1 54	0 37	1 12	15 39	0 11	23 18	0 8	0 25	1 7	23 1	0 25	15 4	0 25	13 55	0 37	20 47	2 40	22 24	22 28	23 49	13 41	7 11
T 14	0 1 25	6 2 59	0s10	1 6	15 22	0 7 23	20 6	0 20	1 7 23	1 0 25	15 3	0 25	13 55	0 37	20 47	2 40	22 24	22 28	23 49	13 42	7 11			
W15	0s23	23 13	3 54	0 56	1 0	15 5	0 3 23	23 0	5 0	15 1 7 23	1 0 25	15 3	0 25	13 56	0 37	20 48	2 40	22 24	22 28	23 48	13 42	7 10		
T 16	0 46	19 49	4 35	1 43	0 54	14 47	0n 1	23 25	0 3	0 10	1 7 23	1 0 24	15 2	0 25	13 56	0 37	20 48	2 40	22 23	22 27	23 47	13 43	7 10	
F 17	1 10	15 9	4 58	2 29	0 48	14 29	0 5 23	27 0	2 0	4 1 7 23	1 0 24	15 2	0 25	13 57	0 37	20 48	2 40	22 22	22 27	23 46	13 44	7 9		
S 18	1 33	9 38	5 1	3 15	0 42	14 10	0 9 23	29 0	0 0s 1	1 7 23	1 0 24	15 1	0 25	13 57	0 37	20 48	2 40	22 21	22 26	23 45	13 44	7 9		
S 19	1 57	3 39	4 45	4 0	0 36	13 51	0 13 23	31 0n 2	0 6 1 7 23	1 0 24	15 1	0 25	13 57	0 37	20 48	2 39	22 19	22 26	23 44	13 45	7 8			
M20	2 20	2n26	4 12	4 45	0 29	13 31	0 17 23	33 0 3	0 11 1 7 23	1 0 24	15 0	0 25	13 58	0 37	20 48	2 39	22 18	22 26	23 43	13 46	7 8			
T 21	2 44	8 15	3 24	5 30	0 22	13 11	0 21 23	35 0 5	0 16 1 7 23	1 0 24	14 59	0 25	13 58	0 37	20 49	2 39	22 17	22 25	23 42	13 46	7 7			
W22	3 7	13 32	2 26	6 14	0 16	12 51	0 24 23	37 0 6	0 21 1 7 23	1 0 24	14 59	0 25	13 59	0 37	20 49	2 39	22 16	22 25	23 41	13 47	7 7			
T 23	3 31	18 3	1 22	6 58	0 9	12 30	0 28 23	38 0 8	0 27 1 7 23	2 0 24	14 58	0 25	13 59	0 37	20 49	2 39	22 16	22 24	23 40	13 47	7 6			
F 24	3 54	21 36	0 15	7 41	0 2	12 9	0 32 23	40 0 10	0 32 1 7 23	2 0 24	14 58	0 25	13 59	0 37	20 49	2 38	22 15	22 24	23 40	13 48	7 5			
S 25	4 17	24 3	0n50	8 24	0s 5	11 47	0 35 23	42 0 12	0 37 1 7 23	2 0 23	14 57	0 25	14 0	0 37	20 49	2 38	22 15	22 24	23 39	13 48	7 5			
S 26	4 41	25 20	1 53	9 6	0 12	11 25	0 39 23	43 0 13	0 42 1 7 23	2 0 23	14 56	0 25	14 0	0 37	20 49	2 38	22 16	22 23	23 38	13 49	7 4			
M27	5 4	25 26	2 49	9 47	0 19	11 3	0 42 23	45 0 15	0 47 1 7 23	2 0 23	14 56	0 25	14 0	0 37	20 50	2 38	22 16	22 23	23 37	13 49	7 4			
T 28	5 27	24 22	3 38	10 28	0 26	10 40	0 45 23	46 0 17	0 52 1 7 23	2 0 23	14 55	0 25	14 1	0 37	20 50	2 38	22 15	22 22	23 36	13 50	7 3			
W29	5 50	22 13	4 17	11 8	0 33	10 17	0 48 23	48 0 19																

SWISS EPHEMERIS for the year 1518

OCTOBER 1518 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	1 14 36	16♌45'41	2♍56	0♎37	7♏49	3♐4	5♑25	5♒4	11°R22	24°R20	3♓32	11°R30	12♈29	2♉13	27♊18
S 2	1 18 33	17°45'19	15°15	2°9	9°0	3°25	5°38	5°7	11♋20	24♌19	3°32	11♍21	12°26	2°19	27°19
S 3	1 22 29	18°44'58	27°48	3°39	10°11	3°45	5°51	5°10	11°18	24°19	3°33	11°11	12°22	2°26	27°19
M 4	1 26 26	19°44'40	10♌36	5°9	11°22	4°5	6°4	5°13	11°16	24°18	3°34	11°1	12°19	2°33	27°20
T 5	1 30 22	20°44'23	23°39	6°39	12°34	4°25	6°17	5°17	11°13	24°17	3°35	10°53	12°16	2°40	27°20
W 6	1 34 19	21°44'09	6♎56	8°7	13°45	4°43	6°29	5°20	11°11	24°16	3°36	10°46	12°13	2°46	27°21
T 7	1 38 15	22°43'57	20°26	9°35	14°57	5°2	6°42	5°24	11°9	24°16	3°37	10°42	12°10	2°53	27°22
F 8	1 42 12	23°43'46	4♌5	11°3	16°9	5°19	6°55	5°27	11°6	24°15	3°38	10°D40	12°7	3°0	27°22
S 9	1 46 8	24°43'38	17°53	12°30	17°21	5°37	7°8	5°31	11°4	24°14	3°39	10°40	12°3	3°6	27°23
S 10	1 50 5	25°43'31	1♊49	13°56	18°33	5°53	7°20	5°35	11°2	24°14	3°40	10°41	12°0	3°13	27°24
M 11	1 54 2	26°43'26	15°51	15°21	19°45	6°9	7°33	5°38	10°59	24°13	3°41	10°42	11°57	3°20	27°25
T 12	1 57 58	27°43'22	29°58	16°45	20°57	6°25	7°45	5°42	10°57	24°13	3°42	10°R43	11°54	3°26	27°26
W 13	2 1 55	28°43'20	14♌10	18°9	22°9	6°40	7°58	5°46	10°55	24°12	3°43	10°42	11°51	3°33	27°28
T 14	2 5 51	29°43'20	28°23	19°32	23°22	6°54	8°11	5°50	10°52	24°12	3°44	10°39	11°47	3°40	27°29
F 15	2 9 48	0♎43'21	12♋36	20°54	24°34	7°8	8°23	5°55	10°50	24°11	3°45	10°34	11°44	3°46	27°30
S 16	2 13 44	1°43'24	26°44	22°15	25°47	7°21	8°36	5°59	10°47	24°11	3°46	10°28	11°41	3°53	27°31
S 17	2 17 41	2°43'28	10♍44	23°35	26°59	7°33	8°48	6°3	10°45	24°11	3°48	10°22	11°38	4°0	27°33
M 18	2 21 37	3°43'34	24°31	24°54	28°12	7°45	9°0	6°7	10°42	24°10	3°49	10°16	11°35	4°7	27°34
T 19	2 25 34	4°43'43	8♌2	26°12	29°25	7°56	9°13	6°12	10°40	24°10	3°50	10°11	11°32	4°13	27°36
W 20	2 29 31	5°43'52	21°14	27°28	0♌38	8°7	9°25	6°16	10°37	24°10	3°51	10°8	11°28	4°20	27°38
T 21	2 33 27	6°44'04	4♈8	28°43	1°50	8°17	9°37	6°21	10°35	24°10	3°53	10°D6	11°25	4°27	27°39
F 22	2 37 24	7°44'18	16°42	29°56	3°3	8°26	9°50	6°26	10°32	24°9	3°54	10°6	11°22	4°33	27°41
S 23	2 41 20	8°44'34	29°1	1♌7	4°17	8°34	10°2	6°30	10°30	24°9	3°55	10°8	11°19	4°40	27°43
S 24	2 45 17	9°44'52	11♌6	2°16	5°30	8°42	10°14	6°35	10°27	24°9	3°57	10°9	11°16	4°47	27°45
M 25	2 49 13	10°45'12	23°1	3°23	6°43	8°49	10°26	6°40	10°25	24°9	3°58	10°11	11°13	4°53	27°47
T 26	2 53 10	11°45'33	4♌52	4°27	7°56	8°55	10°38	6°45	10°22	24°9	3°59	10°12	11°9	5°0	27°49
W 27	2 57 6	12°45'57	16°44	5°28	9°10	9°0	10°50	6°50	10°20	24°D9	4°1	10°R12	11°6	5°7	27°51
T 28	3 1 3	13°46'23	28°41	6°26	10°23	9°5	11°2	6°55	10°17	24°9	4°2	10°11	11°3	5°14	27°53
F 29	3 5 0	14°46'50	10♎48	7°20	11°37	9°9	11°14	7°0	10°15	24°9	4°4	10°9	11°0	5°20	27°55
S 30	3 8 56	15°47'19	23°9	8°10	12°50	9°12	11°26	7°6	10°12	24°9	4°5	10°6	10°57	5°27	27°58
S 31	3 12 53	16♎47'50	5♌48	8♌56	14♌4	9♌14	11♌37	7♌11	10♌10	24♌9	4♌7	10♌2	10♌53	5♌34	28♌0

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	6s36	15n 9	5n 2	12s27	0s46	9n30	0n55	23n51	0n23	1s 7	1n 8	23s 2	0n23	14n53	0s25	14s 1	0s37	20s50	2n37	22n13	22n21	23n33	13s51	7n 2
S 2	6 59	10 30	5 5	13 5	0 53	9 6	0 57	23 52	0 24	1 13	1 8	23 2	0 23	14 52	0 25	14 2	0 37	20 50	2 37	22 12	22 21	23 32	13 52	7 1
S 3	7 22	5 21	4 53	13 43	1 0	8 42	1 0	23 53	0 26	1 18	1 8	23 2	0 22	14 52	0 25	14 2	0 37	20 51	2 37	22 11	22 20	23 31	13 52	7 1
M 4	7 45	0s 7	4 26	14 19	1 7	8 18	1 3	23 55	0 28	1 23	1 8	23 2	0 22	14 51	0 25	14 2	0 37	20 51	2 37	22 9	22 20	23 30	13 53	7 0
T 5	8 7	5 43	3 45	14 55	1 13	7 53	1 6	23 56	0 30	1 28	1 8	23 2	0 22	14 50	0 25	14 2	0 37	20 51	2 36	22 8	22 19	23 29	13 53	7 0
W 6	8 30	11 10	2 51	15 31	1 20	7 28	1 9	23 57	0 32	1 33	1 8	23 2	0 22	14 50	0 25	14 3	0 37	20 51	2 36	22 7	22 19	23 28	13 53	6 59
T 7	8 52	16 11	1 47	16 5	1 26	7 2	1 11	23 59	0 34	1 38	1 8	23 2	0 22	14 49	0 25	14 3	0 37	20 51	2 36	22 7	22 19	23 27	13 54	6 59
F 8	9 14	20 26	0 35	16 39	1 32	6 37	1 14	24 0	0 36	1 43	1 8	23 1	0 22	14 48	0 25	14 3	0 37	20 51	2 36	22 6	22 18	23 26	13 54	6 58
S 9	9 36	23 36	0s39	17 11	1 39	6 11	1 16	24 1	0 38	1 48	1 8	23 1	0 22	14 47	0 25	14 3	0 37	20 51	2 36	22 6	22 18	23 25	13 54	6 58
S 10	9 58	25 21	1 52	17 43	1 45	5 45	1 18	24 3	0 41	1 53	1 8	23 1	0 22	14 47	0 25	14 3	0 37	20 52	2 36	22 6	22 17	23 24	13 55	6 57
M 11	10 20	25 31	2 59	18 14	1 50	5 18	1 21	24 4	0 43	1 58	1 8	23 1	0 22	14 46	0 25	14 4	0 37	20 52	2 35	22 7	22 17	23 22	13 55	6 57
T 12	10 41	24 2	3 55	18 44	1 56	4 52	1 23	24 6	0 45	2 3	1 8	23 1	0 21	14 45	0 25	14 4	0 37	20 52	2 35	22 7	22 16	23 21	13 55	6 56
W 13	11 3 21	3 4	4 37	19 13	2 1	4 25	1 25	24 7	0 47	2 7	1 8	23 1	0 21	14 44	0 25	14 4	0 37	20 52	2 35	22 7	22 16	23 20	13 56	6 56
T 14	11 24	16 48	5 3	19 41	2 7	3 58	1 27	24 9	0 49	2 12	1 8	23 1	0 21	14 44	0 25	14 4	0 37	20 52	2 35	22 6	22 16	23 19	13 56	6 55
F 15	11 45	11 37	5 10	20 8	2 11	3 31	1 29	24 10	0 52	2 17	1 8	23 1	0 21	14 43	0 25	14 4	0 37	20 52	2 35	22 5	22 15	23 18	13 56	6 55
S 16	12 6	5 51	4 58	20 34	2 16	3 4	1 30	24 12	0 54	2 22	1 8	23 1	0 21	14 42	0 25	14 4	0 37	20 52	2 35	22 5	22 15	23 17	13 56	6 54
S 17	12 27	0n 9	4 28	20 59	2 21	2 37	1 32	24 13	0 56	2 27	1 9	23 1	0 21	14 41	0 25	14 4	0 37	20 53	2 34	22 4	22 14	23 16	13 57	6 54
M 18	12 48	6 4	3 43	21 23	2 25	2 9	1 34	24 15	0 59	2 32	1 9	23 1	0 21	14 41	0 25	14 5	0 37	20 53	2 34	22 3	22 14	23 15	13 57	6 53
T 19	13 8	11 36	2 46	21 45	2 28	1 42	1 35	24 17	1 1	2 37	1 9	23 1	0 21	14 40	0 25	14 5	0 37	20 53	2 34	22 2	22 13	23 14	13 57	6 53
W 20	13 28	16 29	1 41	22 7	2 32	1 14	1 37	24 18	1 3	2 41	1 9	23 1	0 21	14 39	0 25	14 5	0 37	20 53	2 34	22 2	22 13	23 13	13 57	6 52
T 21	13 48	20 30	0 33	22 27	2 35	0 46	1 38	24 20	1 6	2 46	1 9	23 0	0 21	14 38	0 25	14 5	0 37	20 53	2 34	22 1	22 13	23 12	13 57	6 52
F 22	14 8	23 26	0n36	22 45	2 37	0 18	1 39	24 22	1 8	2 51	1 9	23 0	0 20	14 37	0 25	14 5	0 37	20 53	2 34	22 1	22 12	23 10	13 58	6 51
S 23	14 27	25 12	1 42	23 2	2 40	0s10	1 41	24 24	1 11	2 56	1 9	23 0	0 20	14 37	0 25	14 5	0 37	20 53	2 33	22 2	22 12	23 9	13 58	6 51
S 24	14 46	25 43	2 42	23 18	2 41	0 38	1 42	24 26	1 13	3 0	1 9	23 0	0 20	14 36	0 25	14 5								

SWISS EPHEMERIS for the year 1518

NOVEMBER 1518 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	3 16 49	17 <sup>h</sup> 48 <sup>m</sup> 23 <sup>s</sup>	18 <sup>h</sup> 46 <sup>m</sup>	9 <sup>h</sup> 36 <sup>m</sup>	15 <sup>h</sup> 18 <sup>m</sup>	9 <sup>h</sup> 58 <sup>m</sup>	11 <sup>h</sup> 49 <sup>m</sup>	7 <sup>h</sup> 31 <sup>m</sup>	10 <sup>h</sup> R 8	24 <sup>h</sup> 28 <sup>m</sup> 9	4 <sup>h</sup> 38 <sup>m</sup> 8	9 <sup>h</sup> R58	10 <sup>h</sup> II50	5 <sup>h</sup> Ω40	28 <sup>h</sup> 38 <sup>m</sup> 3	
T 2	3 20 46	18 <sup>h</sup> 48 <sup>m</sup> 58 <sup>s</sup>	2 <sup>h</sup> 11 4	10 <sup>h</sup> 10	16 <sup>h</sup> 32	9 <sup>h</sup> R16	12 <sup>h</sup> 1	7 <sup>h</sup> 22	10 <sup>h</sup> 8 5	24 <sup>h</sup> 9	4 <sup>h</sup> 10	9 <sup>h</sup> II55	10 <sup>h</sup> 47	5 <sup>h</sup> 47	28 <sup>h</sup> 5	
W 3	3 24 42	19 <sup>h</sup> 49 <sup>m</sup> 34 <sup>s</sup>	15 <sup>h</sup> 42	10 <sup>h</sup> 37	17 <sup>h</sup> 45	9 <sup>h</sup> 16	12 <sup>h</sup> 12	7 <sup>h</sup> 27	10 <sup>h</sup> 3	24 <sup>h</sup> 10	4 <sup>h</sup> 12	9 <sup>h</sup> 53	10 <sup>h</sup> 44	5 <sup>h</sup> 54	28 <sup>h</sup> 8	
T 4	3 28 39	20 <sup>h</sup> 50 <sup>m</sup> 12 <sup>s</sup>	29 <sup>h</sup> 36	10 <sup>h</sup> 57	18 <sup>h</sup> 59	9 <sup>h</sup> 15	12 <sup>h</sup> 24	7 <sup>h</sup> 33	10 <sup>h</sup> 0	24 <sup>h</sup> 10	4 <sup>h</sup> 13	9 <sup>h</sup> 52	10 <sup>h</sup> 41	6 <sup>h</sup> 0	28 <sup>h</sup> 10	
F 5	3 32 35	21 <sup>h</sup> 50 <sup>m</sup> 51 <sup>s</sup>	13 <sup>h</sup> 43	11 <sup>h</sup> 9	20 <sup>h</sup> 13	9 <sup>h</sup> 13	12 <sup>h</sup> 35	7 <sup>h</sup> 38	9 <sup>h</sup> 58	24 <sup>h</sup> 10	4 <sup>h</sup> 15	9 <sup>h</sup> D51	10 <sup>h</sup> 38	6 <sup>h</sup> 7	28 <sup>h</sup> 13	
S 6	3 36 32	22 <sup>h</sup> 51 <sup>m</sup> 32 <sup>s</sup>	27 <sup>h</sup> 59	11 <sup>h</sup> R11	21 <sup>h</sup> 27	9 <sup>h</sup> 11	12 <sup>h</sup> 47	7 <sup>h</sup> 44	9 <sup>h</sup> 55	24 <sup>h</sup> 10	4 <sup>h</sup> 17	9 <sup>h</sup> 52	10 <sup>h</sup> 34	6 <sup>h</sup> 14	28 <sup>h</sup> 16	
S 7	3 40 29	23 <sup>h</sup> 52 <sup>m</sup> 14 <sup>s</sup>	12 <sup>h</sup> 30	11 <sup>h</sup> 4	22 <sup>h</sup> 41	9 <sup>h</sup> 7	12 <sup>h</sup> 58	7 <sup>h</sup> 49	9 <sup>h</sup> 53	24 <sup>h</sup> 11	4 <sup>h</sup> 18	9 <sup>h</sup> 53	10 <sup>h</sup> 31	6 <sup>h</sup> 21	28 <sup>h</sup> 19	
M 8	3 44 25	24 <sup>h</sup> 52 <sup>m</sup> 57 <sup>s</sup>	26 <sup>h</sup> 41	10 <sup>h</sup> 47	23 <sup>h</sup> 55	9 <sup>h</sup> 2	13 <sup>h</sup> 9	7 <sup>h</sup> 55	9 <sup>h</sup> 51	24 <sup>h</sup> 11	4 <sup>h</sup> 20	9 <sup>h</sup> 54	10 <sup>h</sup> 28	6 <sup>h</sup> 27	28 <sup>h</sup> 21	
T 9	3 48 22	25 <sup>h</sup> 53 <sup>m</sup> 41 <sup>s</sup>	10 <sup>h</sup> 59	10 <sup>h</sup> 19	25 <sup>h</sup> 9	8 <sup>h</sup> 57	13 <sup>h</sup> 20	8 <sup>h</sup> 1	9 <sup>h</sup> 48	24 <sup>h</sup> 12	4 <sup>h</sup> 22	9 <sup>h</sup> 55	10 <sup>h</sup> 25	6 <sup>h</sup> 34	28 <sup>h</sup> 24	
W10	3 52 18	26 <sup>h</sup> 54 <sup>m</sup> 26 <sup>s</sup>	25 <sup>h</sup> 11	9 <sup>h</sup> 41	26 <sup>h</sup> 24	8 <sup>h</sup> 51	13 <sup>h</sup> 31	8 <sup>h</sup> 7	9 <sup>h</sup> 46	24 <sup>h</sup> 12	4 <sup>h</sup> 23	9 <sup>h</sup> R56	10 <sup>h</sup> 22	6 <sup>h</sup> 41	28 <sup>h</sup> 27	
T 11	3 56 15	27 <sup>h</sup> 55 <sup>m</sup> 12 <sup>s</sup>	9 <sup>h</sup> 15	8 <sup>h</sup> 51	27 <sup>h</sup> 38	8 <sup>h</sup> 44	13 <sup>h</sup> 42	8 <sup>h</sup> 13	9 <sup>h</sup> 43	24 <sup>h</sup> 13	4 <sup>h</sup> 25	9 <sup>h</sup> 55	10 <sup>h</sup> 19	6 <sup>h</sup> 47	28 <sup>h</sup> 30	
F 12	4 0 11	28 <sup>h</sup> 55 <sup>m</sup> 59 <sup>s</sup>	23 <sup>h</sup> 10	7 <sup>h</sup> 52	28 <sup>h</sup> 52	8 <sup>h</sup> 36	13 <sup>h</sup> 53	8 <sup>h</sup> 19	9 <sup>h</sup> 41	24 <sup>h</sup> 13	4 <sup>h</sup> 27	9 <sup>h</sup> 55	10 <sup>h</sup> 15	6 <sup>h</sup> 54	28 <sup>h</sup> 33	
S 13	4 4 8	29 <sup>h</sup> 56 <sup>m</sup> 47 <sup>s</sup>	6 <sup>h</sup> 53	6 <sup>h</sup> 44	0 <sup>h</sup> 11 6	8 <sup>h</sup> 27	14 <sup>h</sup> 4	8 <sup>h</sup> 25	9 <sup>h</sup> 39	24 <sup>h</sup> 14	4 <sup>h</sup> 29	9 <sup>h</sup> 54	10 <sup>h</sup> 12	7 <sup>h</sup> 1	28 <sup>h</sup> 37	
S 14	4 8 4	0 <sup>h</sup> 57 <sup>m</sup> 36 <sup>s</sup>	20 <sup>h</sup> 25	5 <sup>h</sup> 28	1 <sup>h</sup> 21	8 <sup>h</sup> 18	14 <sup>h</sup> 15	8 <sup>h</sup> 31	9 <sup>h</sup> 37	24 <sup>h</sup> 14	4 <sup>h</sup> 31	9 <sup>h</sup> 52	10 <sup>h</sup> 9	7 <sup>h</sup> 7	28 <sup>h</sup> 40	
M15	4 12 1	1 <sup>h</sup> 58 <sup>m</sup> 26 <sup>s</sup>	3 <sup>h</sup> 45	4 <sup>h</sup> 8	2 <sup>h</sup> 35	8 <sup>h</sup> 7	14 <sup>h</sup> 26	8 <sup>h</sup> 37	9 <sup>h</sup> 34	24 <sup>h</sup> 15	4 <sup>h</sup> 32	9 <sup>h</sup> 51	10 <sup>h</sup> 6	7 <sup>h</sup> 14	28 <sup>h</sup> 43	
T 16	4 15 58	2 <sup>h</sup> 59 <sup>m</sup> 17 <sup>s</sup>	16 <sup>h</sup> 50	2 <sup>h</sup> 45	3 <sup>h</sup> 49	7 <sup>h</sup> 56	14 <sup>h</sup> 36	8 <sup>h</sup> 43	9 <sup>h</sup> 32	24 <sup>h</sup> 15	4 <sup>h</sup> 34	9 <sup>h</sup> 50	10 <sup>h</sup> 3	7 <sup>h</sup> 21	28 <sup>h</sup> 46	
W17	4 19 54	4 <sup>h</sup> 0 <sup>m</sup> 09 <sup>s</sup>	29 <sup>h</sup> 42	1 <sup>h</sup> 23	5 <sup>h</sup> 4	7 <sup>h</sup> 44	14 <sup>h</sup> 47	8 <sup>h</sup> 49	9 <sup>h</sup> 30	24 <sup>h</sup> 16	4 <sup>h</sup> 36	9 <sup>h</sup> 50	9 <sup>h</sup> 59	7 <sup>h</sup> 28	28 <sup>h</sup> 50	
T 18	4 23 51	5 <sup>h</sup> 1 <sup>m</sup> 02 <sup>s</sup>	12 <sup>h</sup> II20	0 <sup>h</sup> 4	6 <sup>h</sup> 18	7 <sup>h</sup> 31	14 <sup>h</sup> 57	8 <sup>h</sup> 55	9 <sup>h</sup> 28	24 <sup>h</sup> 17	4 <sup>h</sup> 38	9 <sup>h</sup> D50	9 <sup>h</sup> 56	7 <sup>h</sup> 34	28 <sup>h</sup> 53	
F 19	4 27 47	6 <sup>h</sup> 1 <sup>m</sup> 57 <sup>s</sup>	24 <sup>h</sup> 45	28 <sup>h</sup> 11 51	7 <sup>h</sup> 33	7 <sup>h</sup> 17	15 <sup>h</sup> 8	9 <sup>h</sup> 2	9 <sup>h</sup> 25	24 <sup>h</sup> 18	4 <sup>h</sup> 40	9 <sup>h</sup> 50	9 <sup>h</sup> 53	7 <sup>h</sup> 41	28 <sup>h</sup> 57	
S 20	4 31 44	7 <sup>h</sup> 2 <sup>m</sup> 52 <sup>s</sup>	6 <sup>h</sup> 57	27 <sup>h</sup> 46	8 <sup>h</sup> 47	7 <sup>h</sup> 3	15 <sup>h</sup> 18	9 <sup>h</sup> 8	9 <sup>h</sup> 23	24 <sup>h</sup> 18	4 <sup>h</sup> 42	9 <sup>h</sup> 50	9 <sup>h</sup> 50	7 <sup>h</sup> 48	29 <sup>h</sup> 0	
S 21	4 35 40	8 <sup>h</sup> 3 <sup>m</sup> 49 <sup>s</sup>	19 <sup>h</sup> 0	26 <sup>h</sup> 50	10 <sup>h</sup> 2	6 <sup>h</sup> 47	15 <sup>h</sup> 28	9 <sup>h</sup> 14	9 <sup>h</sup> 21	24 <sup>h</sup> 19	4 <sup>h</sup> 44	9 <sup>h</sup> 51	9 <sup>h</sup> 47	7 <sup>h</sup> 54	29 <sup>h</sup> 4	
M22	4 39 37	9 <sup>h</sup> 4 <sup>m</sup> 47 <sup>s</sup>	0 <sup>h</sup> Ω55	26 <sup>h</sup> 5	11 <sup>h</sup> 17	6 <sup>h</sup> 31	15 <sup>h</sup> 38	9 <sup>h</sup> 21	9 <sup>h</sup> 19	24 <sup>h</sup> 20	4 <sup>h</sup> 46	9 <sup>h</sup> 51	9 <sup>h</sup> 44	8 <sup>h</sup> 1	29 <sup>h</sup> 7	
T 23	4 43 33	10 <sup>h</sup> 5 <sup>m</sup> 45 <sup>s</sup>	12 <sup>h</sup> 46	25 <sup>h</sup> 32	12 <sup>h</sup> 31	6 <sup>h</sup> 15	15 <sup>h</sup> 48	9 <sup>h</sup> 27	9 <sup>h</sup> 17	24 <sup>h</sup> 21	4 <sup>h</sup> 48	9 <sup>h</sup> R51	9 <sup>h</sup> 40	8 <sup>h</sup> 8	29 <sup>h</sup> 11	
W24	4 47 30	11 <sup>h</sup> 6 <sup>m</sup> 45 <sup>s</sup>	24 <sup>h</sup> 37	25 <sup>h</sup> 9	13 <sup>h</sup> 46	5 <sup>h</sup> 57	15 <sup>h</sup> 58	9 <sup>h</sup> 34	9 <sup>h</sup> 15	24 <sup>h</sup> 22	4 <sup>h</sup> 50	9 <sup>h</sup> 51	9 <sup>h</sup> 37	8 <sup>h</sup> 14	29 <sup>h</sup> 15	
T 25	4 51 27	12 <sup>h</sup> 7 <sup>m</sup> 46 <sup>s</sup>	6 <sup>h</sup> 13 33	24 <sup>h</sup> 58	15 <sup>h</sup> 1	5 <sup>h</sup> 39	16 <sup>h</sup> 8	9 <sup>h</sup> 40	9 <sup>h</sup> 13	24 <sup>h</sup> 23	4 <sup>h</sup> 51	9 <sup>h</sup> D51	9 <sup>h</sup> 34	8 <sup>h</sup> 21	29 <sup>h</sup> 18	
F 26	4 55 23	13 <sup>h</sup> 8 <sup>m</sup> 48 <sup>s</sup>	18 <sup>h</sup> 37	24 <sup>h</sup> D57	16 <sup>h</sup> 15	5 <sup>h</sup> 20	16 <sup>h</sup> 17	9 <sup>h</sup> 47	9 <sup>h</sup> 11	24 <sup>h</sup> 24	4 <sup>h</sup> 53	9 <sup>h</sup> 51	9 <sup>h</sup> 31	8 <sup>h</sup> 28	29 <sup>h</sup> 22	
S 27	4 59 20	14 <sup>h</sup> 9 <sup>m</sup> 51 <sup>s</sup>	0 <sup>h</sup> Ω56	25 <sup>h</sup> 7	17 <sup>h</sup> 30	5 <sup>h</sup> 0	16 <sup>h</sup> 27	9 <sup>h</sup> 53	9 <sup>h</sup> 9	24 <sup>h</sup> 25	4 <sup>h</sup> 55	9 <sup>h</sup> 51	9 <sup>h</sup> 28	8 <sup>h</sup> 35	29 <sup>h</sup> 26	
S 28	5 3 16	15 <sup>h</sup> 10 <sup>m</sup> 56 <sup>s</sup>	13 <sup>h</sup> 32	25 <sup>h</sup> 25	18 <sup>h</sup> 45	4 <sup>h</sup> 40	16 <sup>h</sup> 36	10 <sup>h</sup> 0	9 <sup>h</sup> 7	24 <sup>h</sup> 26	4 <sup>h</sup> 57	9 <sup>h</sup> 51	9 <sup>h</sup> 25	8 <sup>h</sup> 41	29 <sup>h</sup> 30	
M29	5 7 13	16 <sup>h</sup> 12 <sup>m</sup> 01 <sup>s</sup>	26 <sup>h</sup> 31	25 <sup>h</sup> 51	20 <sup>h</sup> 0	4 <sup>h</sup> 20	16 <sup>h</sup> 46	10 <sup>h</sup> 7	9 <sup>h</sup> 5	24 <sup>h</sup> 27	4 <sup>h</sup> 59	9 <sup>h</sup> 52	9 <sup>h</sup> 21	8 <sup>h</sup> 48	29 <sup>h</sup> 34	
T 30	5 11 9	17 <sup>h</sup> 13 <sup>m</sup> 07 <sup>s</sup>	9 <sup>h</sup> 11 53	26 <sup>h</sup> 11 25	21 <sup>h</sup> 11 14	3 <sup>h</sup> 59	16 <sup>h</sup> Ω55	10 <sup>h</sup> 31 13	9 <sup>h</sup> 8 4	24 <sup>h</sup> 28	5 <sup>h</sup> 3 1	9 <sup>h</sup> II53	9 <sup>h</sup> II18	8 <sup>h</sup> Ω55	29 <sup>h</sup> 38	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	17s11	3s35	4n 5	24s25	2s30	4s23	1n47	24n45	1n35	3s37	1n10	22s59	0n19	14n30	0s25	14s 5
T 2	17 28	9 12	3 13	24 24	2 24	4 51	1 48	24 48	1 37	3 41	1 10	22 59	0 19	14 29	0 25	14 5
W 3	17 44	14 31	2 9	24 22	2 17	5 19	1 48	24 51	1 40	3 46	1 10	22 58	0 19	14 28	0 25	14 5
T 4	18 1	19 12	0 56	24 17	2 9	5 47	1 48	24 53	1 43	3 50	1 10	22 58	0 19	14 27	0 25	14 5
F 5	18 17	22 52	0s21	24 9	2 0	6 15	1 48	24 56	1 46	3 54	1 10	22 58	0 19	14 27	0 25	14 4
S 6	18 32	25 8	1 39	23 59	1 49	6 43	1 48	24 59	1 49	3 59	1 10	22 58	0 19	14 26	0 25	14 4
S 7	18 47	25 45	2 50	23 45	1 37	7 11	1 48	25 3	1 52	4 3	1 11	22 57	0 19	14 25	0 25	14 4
M 8	19 2	24 39	3 51	23 29	1 23	7 38	1 48	25 6	1 54	4 7	1 11	22 57	0 19	14 24	0 25	14 4
T 9	19 17	21 57	4 37	23 10	1 7	8 6	1 47	25 9	1 57	4 12	1 11	22 57	0 19	14 24	0 25	14 4
W10	19 31	17 58	5 6	22 47	0 50	8 33	1 47	25 12	2 0	4 16	1 11	22 57	0 19	14 23	0 25	14 4
T 11	19 45	13 0	5 16	22 22	0 32	9 0	1 47	25 16	2 3	4 20	1 11	22 56	0 19	14 22	0 25	14 4
F 12	19 58	7 26	5 8	21 53	0 13	9 27	1 46	25 19	2 6	4 24	1 11	22 56	0 18	14 22	0 25	14 3
S 13	20 12	1 35	4 42	21 22	0n 7	9 53	1 46	25 23	2 9	4 28	1 11	22 56	0 18	14 21	0 25	14 3
S 14	20 24	4n17	4 1	20 49	0 28	10 20	1 45	25 26	2 12	4 32	1 11	22 55	0 18	14 20	0 25	14 3
M15	20 37	9 52	3 7	20 14	0 48	10 46	1 44	25 30	2 15	4 36	1 12	22 55	0 18	14 19	0 25	14 3
T 16	20 49	14 56	2 4	19 39	1 8	11 12	1 43	25 33	2 18	4 40	1 12	22 55	0 18	14 19	0 25	14 3
W17	21 0	19 14	0 56	19 4	1 27	11 38	1 43	25 37	2 21	4 44	1 12	22 55	0 18	14 18	0 25	14 2
T 18	21 11	22 34	0n14	18 31	1 44	12 4	1 42	25 41	2 24	4 48	1 12	22 54	0 18	14 17	0 25	14 2
F 19	21 22	24 46	1 22	18 1	2 0	12 29	1 41	25 44	2 27	4 52	1 12	22 54	0 18	14 17	0 25	14 2
S 20	21 33	25 44	2 25	17 33	2 13	12 54	1 39	25 48	2 29	4 56	1 12	22 54	0 18	14 16	0 25	14 2
S 21	21 43	25 28	3 21	17 10	2 24	13 18	1 38	25 52	2 32	4 59	1 12	22 53	0 18	14 15	0 25	14 1
M22	21 52	24 1	4 7	16 51	2 33	13 43	1 37	25 55	2 35	5 3	1 13	22 53	0 18	14 15	0 25	14 1
T 23	22 1	21 32	4 43	16 37	2 39	14 7	1 36	25 59	2 38	5 7	1 13	22 52	0 17	14 14	0 25	14 1
W24	22 10	18 9	5 6	16 27	2 44	14 31	1 34	26 3	2 41	5 11	1 13	22 52	0 17	14 14	0 25	14 0
T 25	22 18	14 2	5 17	16 22	2 46	14 54	1 33	26 6	2 43	5 14	1 13	22 52	0 17	14 13	0 25	14 0
F 26																

SWISS EPHEMERIS for the year 1518

DECEMBER 1518 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	5 15 6	18°14'14	23°40	27°6	22°29	3°R37	17°4	10°20	9°R 2	24°29	5°3	9°II53	9°II15	9°Ω 1	29°342
T 2	5 19 2	19°15'21	7°20	27°52	23°44	3°Ω15	17°13	10°27	9°R 0	24°30	5° 6	9°R53	9°12	9° 8	29°46
F 3	5 22 59	20°16'30	22°50	28°44	24°59	2°52	17°22	10°34	8°58	24°32	5° 8	9°53	9° 9	9°15	29°50
S 4	5 26 56	21°17'39	7°3	29°40	26°14	2°30	17°31	10°40	8°57	24°33	5°10	9°52	9° 5	9°21	29°54
S 5	5 30 52	22°18'48	21°54	0°41	27°29	2° 6	17°40	10°47	8°55	24°34	5°12	9°51	9° 2	9°28	29°58
M 6	5 34 49	23°19'58	6°43	1°45	28°44	1°43	17°48	10°54	8°54	24°35	5°14	9°49	8°59	9°35	0°3
T 7	5 38 45	24°21'07	21°24	2°51	29°59	1°19	17°57	11° 1	8°52	24°37	5°16	9°48	8°56	9°42	0° 7
W 8	5 42 42	25°22'17	5°48	4° 1	1°14	0°56	18° 5	11° 8	8°50	24°38	5°18	9°46	8°53	9°48	0°11
T 9	5 46 38	26°23'27	19°59	5°13	2°29	0°32	18°13	11°15	8°49	24°40	5°20	9°D45	8°50	9°55	0°15
F 10	5 50 35	27°24'37	3°49	6°27	3°44	0° 8	18°21	11°22	8°48	24°41	5°22	9°45	8°46	10° 2	0°20
S 11	5 54 32	28°25'47	17°20	7°44	4°59	29°II44	18°29	11°29	8°46	24°42	5°24	9°46	8°43	10° 8	0°24
S 12	5 58 28	29°26'56	0°33	9° 1	6°14	29°20	18°37	11°36	8°45	24°44	5°26	9°48	8°40	10°15	0°28
M13	6 2 25	0°28'06	13°30	10°20	7°29	28°57	18°45	11°43	8°44	24°45	5°28	9°49	8°37	10°22	0°33
T 14	6 6 21	1°29'16	26°13	11°41	8°44	28°33	18°52	11°50	8°42	24°47	5°30	9°51	8°34	10°29	0°37
W15	6 10 18	2°30'25	8°II44	13° 3	9°59	28°10	18°59	11°57	8°41	24°48	5°33	9°R51	8°31	10°35	0°42
T 16	6 14 14	3°31'35	21° 4	14°25	11°14	27°47	19° 7	12° 4	8°40	24°50	5°35	9°51	8°27	10°42	0°46
F 17	6 18 11	4°32'44	3°Ω16	15°49	12°29	27°24	19°14	12°11	8°39	24°52	5°37	9°49	8°24	10°49	0°51
S 18	6 22 7	5°33'54	15°20	17°14	13°44	27° 1	19°21	12°18	8°38	24°53	5°39	9°46	8°21	10°55	0°55
S 19	6 26 4	6°35'04	27°17	18°39	14°59	26°39	19°28	12°25	8°37	24°55	5°41	9°41	8°18	11° 2	1° 0
M20	6 30 1	7°36'13	9°Ω11	20° 5	16°14	26°17	19°34	12°32	8°36	24°56	5°43	9°36	8°15	11° 9	1° 5
T 21	6 33 57	8°37'23	21° 2	21°32	17°29	25°56	19°41	12°39	8°35	24°58	5°45	9°31	8°11	11°15	1° 9
W22	6 37 54	9°38'32	2°II53	22°59	18°44	25°35	19°47	12°46	8°34	25° 0	5°47	9°26	8° 8	11°22	1°14
T 23	6 41 50	10°39'42	14°48	24°27	19°59	25°15	19°54	12°53	8°33	25° 2	5°49	9°22	8° 5	11°29	1°19
F 24	6 45 47	11°40'52	26°51	25°56	21°15	24°55	20° 0	13° 0	8°32	25° 3	5°51	9°19	8° 2	11°36	1°23
S 25	6 49 43	12°42'01	9°Ω 5	27°25	22°30	24°36	20° 6	13° 7	8°32	25° 5	5°53	9°D18	7°59	11°42	1°28
S 26	6 53 40	13°43'11	21°35	28°55	23°45	24°17	20°11	13°14	8°31	25° 7	5°56	9°18	7°56	11°49	1°33
M27	6 57 36	14°44'20	4°II26	0°25	25° 0	23°59	20°17	13°21	8°30	25° 9	5°58	9°19	7°52	11°56	1°38
T 28	7 1 33	15°45'29	17°42	1°56	26°15	23°42	20°23	13°28	8°30	25°11	6° 0	9°21	7°49	12° 2	1°42
W29	7 5 30	16°46'39	1°25	3°27	27°30	23°26	20°28	13°35	8°29	25°12	6° 2	9°22	7°46	12° 9	1°47
T 30	7 9 26	17°47'48	15°37	4°59	28°45	23°10	20°33	13°42	8°29	25°14	6° 4	9°R22	7°43	12°16	1°52
F 31	7 13 23	18°48'57	0°314	6°32	0°3	22°II55	20°438	13°349	8°29	25°16	6° 6	9°II21	7°II40	12°II23	1°57

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	22s59	17s18	1n29	17s 5	2n33	17s 6	1n23	26n26	2n59	5s35	1n14	22s49	0n17	14n 9	0s25	13s58	0s36	20s57	2n28	21n59	21n54	22n20	13s50	6n34
T 2	23 4 21 29	0 11 17 20	2 28 17 27	1 21 26 29	3 1 5 38	1 14 22 49	0 17 14 9	0 25 13 57	0 36 20 57	2 28 22 0	21 53 22 19	13 50 6 34												
F 3	23 9 24 25	1s 8 17 38	2 22 17 47	1 19 26 32	3 4 5 41	1 14 22 48	0 17 14 8	0 24 13 57	0 36 20 57	2 28 21 59	21 53 22 17	13 49 6 34												
S 4	23 13 25 44	2 25 17 56	2 15 18 6	1 18 26 35	3 6 5 45	1 15 22 48	0 17 14 8	0 24 13 57	0 36 20 57	2 28 21 59	21 52 22 16	13 49 6 34												
S 5	23 17 25 12	3 32 18 16	2 8 18 25	1 16 26 37	3 8 5 48	1 15 22 47	0 16 14 7	0 24 13 56	0 36 20 57	2 27 21 59	21 52 22 14	13 48 6 33												
M 6	23 20 22 55	4 25 18 36	2 1 18 44	1 14 26 40	3 10 5 51	1 15 22 47	0 16 14 7	0 24 13 56	0 36 20 57	2 27 21 59	21 51 22 13	13 47 6 33												
T 7	23 23 19 8	5 0 18 56	1 53 19 2	1 11 26 42	3 12 5 54	1 15 22 46	0 16 14 6	0 24 13 55	0 36 20 57	2 27 21 59	21 51 22 12	13 47 6 33												
W 8	23 25 14 16	5 15 19 17	1 45 19 20	1 9 26 44	3 14 5 57	1 15 22 46	0 16 14 6	0 24 13 55	0 36 20 57	2 27 21 58	21 50 22 10	13 46 6 32												
T 9	23 27 8 44	5 11 19 38	1 38 19 37	1 7 26 46	3 16 6 0	1 16 22 45	0 16 14 5	0 24 13 54	0 36 20 57	2 27 21 58	21 50 22 9	13 46 6 32												
F 10	23 29 2 54	4 49 19 58	1 30 19 53	1 5 26 48	3 18 6 3	1 16 22 45	0 16 14 5	0 24 13 54	0 36 20 57	2 27 21 58	21 49 22 7	13 45 6 32												
S 11	23 30 2n58	4 11 20 19	1 21 20 9	1 3 26 49	3 19 6 6	1 16 22 44	0 16 14 5	0 24 13 53	0 36 20 57	2 27 21 58	21 49 22 6	13 44 6 32												
S 12	23 30 8 34	3 20 20 39	1 13 20 25	1 1 26 51	3 21 6 8	1 16 22 44	0 16 14 4	0 24 13 53	0 36 20 57	2 27 21 59	21 48 22 4	13 44 6 31												
M13	23 30 13 42	2 20 20 59	1 5 20 39	0 58 26 52	3 22 6 11	1 16 22 43	0 16 14 4	0 24 13 52	0 36 20 57	2 27 21 59	21 48 22 3	13 43 6 31												
T 14	23 30 18 9	1 14 21 18	0 57 20 54	0 56 26 53	3 24 6 14	1 17 22 43	0 16 14 3	0 24 13 52	0 36 20 57	2 27 21 59	21 47 22 2	13 42 6 31												
W15	23 29 21 43	0 6 21 37	0 49 21 7	0 54 26 54	3 25 6 16	1 17 22 42	0 16 14 3	0 24 13 51	0 36 20 57	2 26 21 59	21 47 22 0	13 42 6 31												
T 16	23 27 24 13	1n 1 21 55	0 41 21 20	0 51 26 55	3 26 6 19	1 17 22 42	0 16 14 3	0 24 13 51	0 36 20 57	2 26 21 59	21 46 21 59	13 41 6 30												
F 17	23 25 25 33	2 5 22 12	0 33 21 33	0 49 26 56	3 27 6 21	1 17 22 41	0 16 14 2	0 24 13 50	0 36 20 57	2 26 21 59	21 46 21 57	13 40 6 30												
S 18	23 23 25 39	3 3 22 28	0 25 21 44	0 46 26 56	3 28 6 24	1 17 22 41	0 15 14 2	0 24 13 50	0 36 20 57	2 26 21 58	21 45 21 56	13 39 6 30												
S 19	23 20 24 32	3 51 22 44	0 17 21 56	0 44 26 57	3 29 6 26	1 18 22 40	0 15 14 2	0 24 13 49	0 36 20 57	2 26 21 58	21 45 21 54	13 39 6 30												
M20	23 17 22 20	4 30 22 58	0 9 22 6	0 41 26 57	3 30 6 29	1 18 22 39	0 15 14 2	0 24 13 49	0 36 20 57	2 26 21 57	21 44 21 53	13 38 6 30												
T 21	23 13 19 12	4 56 23 12	0 2 22 16	0 39 26 57	3 31 6 31	1 18 22 39	0 15 14 1	0 24 13 48	0 36 20 57	2 26 21 56	21 44 21 51	13 37 6 29												
W22	23 9 15 17	5 10 23 25	0s 6 22 25	0 36 26 57	3 31 6 33	1 18 22 38	0 15 14 1	0 24 13 47	0 36 20 57	2 26 21 55	21 43 21 50	13 36 6 29												
T 23	23 4 10 46	5 11 23 36	0 13 22 34	0 34 26 57	3 32 6 35	1 18 22 38	0 15 14 1	0 24 13 47	0 36 20 57	2 26 21 55	21 43 21 48	13 35 6 29												
F 24	22 59 5 49	4 58 23 46	0 20 22 41	0 31 26 57	3 32 6 37	1 19 22 37	0 15 14 1	0 24 13 46	0 36 20 57	2 26 21 54	21 42 21 47	13 34 6 29												
S 25	22 54 0 33	4 31 23 56	0 27 22 49	0 29 26 56	3 33 6 39	1 19 22 36	0 15 14 0	0 24 13 46	0 36 20 57	2 25 21 54	21 42 21 45	13 34 6 29												
S 26	22 48 4s52	3 51 24 4	0 34 22 55	0 26 26 56	3 33 6 41	1 19 22 36	0 15 14 0	0 24 13 45	0 36 20 57	2 25 21 54	21 41 21 43	13 33 6 29												
M27	22 41 10 14	2 59 24 11	0 41 23 1	0 24 26 55	3 33 6 43	1 19 22 35	0 15 14 0	0 24 13 44	0 36 20 57	2 25 21 54	21 41 21 42	13 32 6 28												
T 28	22 34 15 19	1 55 24 16	0 47 23 6	0 21 26 54	3 33 6 45	1 20 22 34	0 15 14 0	0 24 13 44	0 36 20 57	2 25 21 55	21 40 21 40	13 31 6 28												
W29	22 27 19 48	0 43 24 21	0 53 23 10	0 19 26 53	3 33 6 47	1 20 22 34	0 15 14 0	0 24 13 43	0 36 20 57	2 25 21 55	21 40 21 39	13 30 6 28												
T 30	22 19 23 17	0s34 24 24	0 59 23 14	0 16 26 53	3 33 6 49	1 20 22 33	0 15 14 0	0 24 13 43	0 36 20 57	2 25 21 55	21 39 21 37	13 29 6 28												
F 31	22s11	25s21	1s51	24s26	1s 5	23s17	0n13	26n52	3n33	6s50	1n20	22s33	0n15	13n59	0s24	13s42	0s36	20s57	2n25	21n55	21n39	21n36	13s28	6n28

Julian Day Number = 2275841.5, Delta T = 181.41 sec  
 Ecliptic obliquity = 23°30'09, Nutation = - 0°00'17  
 Ayanamsha: Fagan/Bradley = 18°01'40, Lahiri = 17°08'40 Julian Calendar 1 Dec. 1518 == Greg. Calendar 11 Dec. 1518