

SWISS EPHEMERIS for the year 1822

JANUARY 1822

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	6 40 19	10♌5'06	10♍41	27♋23	27♋17	9♍12	20♍44	19♍57	3♌40	3♌3	27♋51	26♋19	27♋46	10♌32	2♍12
W 2	6 44 16	11° 6'16	24°47	28°55	28°16	9°18	20°48	19°58	3°44	3° 5	27°51	26°18	27°43	10°38	2°13
T 3	6 48 12	12° 7'25	9♌8	0♌27	29°15	9°24	20°51	19°59	3°47	3° 7	27°52	26°15	27°39	10°45	2°15
F 4	6 52 9	13° 8'34	23°39	1°59	0♋14	9°29	20°55	20° 0	3°51	3° 9	27°52	26°10	27°36	10°52	2°16
S 5	6 56 5	14° 9'43	8♌17	3°31	1°11	9°33	20°59	20° 1	3°54	3°12	27°53	26° 4	27°33	10°58	2°17
S 6	7 0 2	15°10'51	22°54	5° 4	2° 9	9°36	21° 3	20° 3	3°58	3°14	27°53	25°57	27°30	11° 5	2°18
M 7	7 3 58	16°11'59	7♌24	6°38	3° 6	9°39	21° 8	20° 5	4° 2	3°16	27°54	25°51	27°27	11°12	2°20
T 8	7 7 55	17°13'07	21°40	8°11	4° 2	9°41	21°12	20° 6	4° 5	3°18	27°54	25°45	27°24	11°19	2°21
W 9	7 11 52	18°14'14	5♌36	9°45	4°57	9°43	21°17	20° 8	4° 9	3°21	27°55	25°42	27°20	11°25	2°22
T 10	7 15 48	19°15'21	19°10	11°20	5°52	9°R43	21°22	20°10	4°12	3°23	27°56	25°40	27°17	11°32	2°24
F 11	7 19 45	20°16'28	2♍20	12°55	6°47	9°43	21°27	20°12	4°16	3°25	27°56	25°D40	27°14	11°39	2°25
S 12	7 23 41	21°17'35	15° 6	14°31	7°41	9°42	21°32	20°14	4°19	3°27	27°57	25°41	27°11	11°45	2°27
S 13	7 27 38	22°18'41	27°33	16° 7	8°34	9°40	21°38	20°16	4°23	3°29	27°58	25°43	27° 8	11°52	2°29
M14	7 31 34	23°19'47	9♌44	17°43	9°26	9°38	21°44	20°19	4°26	3°32	27°59	25°45	27° 5	11°59	2°30
T 15	7 35 31	24°20'53	21°44	19°20	10°17	9°35	21°49	20°21	4°30	3°34	27°59	25°R46	27° 1	12° 6	2°32
W16	7 39 27	25°21'59	3♌37	20°58	11° 8	9°31	21°55	20°24	4°33	3°36	28° 0	25°45	26°58	12°12	2°34
T 17	7 43 24	26°23'04	15°28	22°36	11°58	9°26	22° 2	20°27	4°36	3°38	28° 1	25°44	26°55	12°19	2°36
F 18	7 47 21	27°24'09	27°23	24°15	12°47	9°20	22° 8	20°29	4°40	3°40	28° 2	25°41	26°52	12°26	2°37
S 19	7 51 17	28°25'14	9♋25	25°54	13°35	9°14	22°14	20°32	4°43	3°42	28° 3	25°36	26°49	12°32	2°39
S 20	7 55 14	29°26'18	21°38	27°34	14°23	9° 6	22°21	20°35	4°47	3°44	28° 4	25°32	26°45	12°39	2°41
M21	7 59 10	0♌27'22	4♌4	29°14	15° 9	8°58	22°28	20°38	4°50	3°46	28° 4	25°27	26°42	12°46	2°43
T 22	8 3 7	1°28'25	16°44	0♌55	15°55	8°49	22°35	20°41	4°53	3°49	28° 5	25°23	26°39	12°53	2°46
W23	8 7 3	2°29'28	29°40	2°37	16°39	8°40	22°42	20°45	4°57	3°51	28° 6	25°20	26°36	12°59	2°48
T 24	8 11 0	3°30'29	12♌50	4°19	17°22	8°29	22°49	20°48	5° 0	3°53	28° 7	25°19	26°33	13° 6	2°50
F 25	8 14 56	4°31'30	26°15	6° 2	18° 5	8°18	22°57	20°51	5° 3	3°55	28° 8	25°D18	26°30	13°13	2°52
S 26	8 18 53	5°32'29	9♋51	7°45	18°46	8° 6	23° 5	20°55	5° 6	3°57	28° 9	25°19	26°26	13°19	2°54
S 27	8 22 50	6°33'27	23°38	9°29	19°26	7°53	23°12	20°59	5°10	3°59	28°10	25°20	26°23	13°26	2°57
M28	8 26 46	7°34'25	7♋34	11°14	20° 4	7°39	23°20	21° 2	5°13	4° 1	28°11	25°21	26°20	13°33	2°59
T 29	8 30 43	8°35'20	21°36	12°59	20°42	7°25	23°28	21° 6	5°16	4° 3	28°12	25°22	26°17	13°40	3° 1
W30	8 34 39	9°36'15	5♌44	14°45	21°18	7°10	23°37	21°10	5°19	4° 5	28°13	25°R23	26°14	13°46	3° 4
T 31	8 38 36	10♌37'08	19♌56	16♌31	21♋52	6♍54	23♍45	21♍14	5♌22	4♌7	28♋14	25♌23	26♌11	13♌53	3♍6

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23s 5	7n33	3n36	23s59	0s33	13s26	1s 4	11n11	3n18	6n55	1s17	5n27	2s33	23s40	0s15	22s23	1n 3	15s42	16s13	12s46	12s16	19s39	3n22	2n43
W 2	23 0 13	42 4	24 7	0 39	13 0	0 58	11 10	3 20	6 57	1 16	5 27	2 33	23 40	0 15	22 23	1 2	15 41	16 12	12 46	12 17	19 42	3 22	2 43	
T 3	22 55	19 13	4 55	24 14	0 46	12 34	0 53	11 10	3 22	6 58	1 16	5 28	2 32	23 40	0 15	22 23	1 2	15 41	16 12	12 47	12 18	19 44	3 23	2 43
F 4	22 49	23 41	5 8	24 19	0 52	12 8	0 47	11 10	3 24	7 0	1 16	5 29	2 32	23 40	0 15	22 23	1 2	15 40	16 12	12 48	12 19	19 47	3 23	2 42
S 5	22 43	26 40	5 2	24 23	0 58	11 42	0 41	11 10	3 26	7 2	1 15	5 30	2 32	23 40	0 15	22 23	1 2	15 40	16 11	12 51	12 20	19 49	3 23	2 42
S 6	22 36	27 52	4 36	24 26	1 4	11 16	0 35	11 11	3 28	7 4	1 15	5 30	2 31	23 40	0 15	22 23	1 2	15 39	16 11	12 53	12 21	19 51	3 24	2 42
M 7	22 29	27 7	3 52	24 27	1 10	10 49	0 29	11 12	3 30	7 6	1 15	5 31	2 31	23 40	0 15	22 23	1 2	15 39	16 11	12 55	12 22	19 54	3 24	2 42
T 8	22 21	24 35	2 54	24 28	1 15	10 23	0 22	11 13	3 32	7 8	1 15	5 32	2 31	23 39	0 15	22 23	1 2	15 38	16 10	12 57	12 23	19 56	3 24	2 42
W 9	22 13	20 37	1 47	24 26	1 20	9 56	0 15	11 14	3 34	7 10	1 14	5 33	2 31	23 39	0 15	22 23	1 2	15 37	16 10	12 58	12 25	19 58	3 25	2 41
T 10	22 5 15	39	0 35	24 24	1 25	9 30	0 8	11 16	3 36	7 12	1 14	5 34	2 30	23 39	0 15	22 23	1 2	15 37	16 10	12 59	12 26	20 1	3 25	2 41
F 11	21 56	10 6	0s36	24 20	1 30	9 3	0 1	11 18	3 38	7 14	1 14	5 35	2 30	23 39	0 15	22 23	1 2	15 36	16 9	12 59	12 27	20 3	3 25	2 41
S 12	21 47	4 16	1 44	24 14	1 34	8 37	0n 6	11 20	3 40	7 16	1 13	5 36	2 30	23 39	0 15	22 23	1 2	15 36	16 9	12 58	12 28	20 5	3 26	2 41
S 13	21 37	1s33	2 45	24 7	1 39	8 10	0 13	11 23	3 43	7 19	1 13	5 37	2 29	23 39	0 15	22 23	1 2	15 35	16 9	12 58	12 29	20 8	3 26	2 41
M14	21 27	7 12	3 38	23 59	1 43	7 43	0 21	11 26	3 45	7 21	1 13	5 38	2 29	23 39	0 15	22 23	1 2	15 35	16 9	12 57	12 30	20 10	3 27	2 40
T 15	21 16	12 29	4 19	23 49	1 46	7 17	0 29	11 29	3 47	7 23	1 12	5 40	2 29	23 39	0 15	22 23	1 2	15 34	16 8	12 57	12 31	20 12	3 27	2 40
W16	21 5 17	16	4 50	23 38	1 50	6 50	0 37	11 32	3 49	7 26	1 12	5 41	2 29	23 39	0 15	22 22	1 2	15 33	16 8	12 57	12 32	20 15	3 28	2 40
T 17	20 54	21 24	5 8	23 25	1 53	6 23	0 45	11 36	3 51	7 29	1 12	5 42	2 28	23 38	0 15	22 22	1 3	15 33	16 8	12 57	12 33	20 17	3 28	2 40
F 18	20 42	24 40	5 13	23 11	1 56	5 57	0 53	11 40	3 53	7 31	1 12	5 43	2 28	23 38	0 15	22 22	1 3	15 32	16 7	12 58	12 34	20 19	3 29	2 40
S 19	20 30	26 53	5 4	22 55	1 58	5 31	1 2	11 44	3 55	7 34	1 11	5 45	2 28	23 38	0 15	22 22	1 3	15 32	16 7	13 0	12 35	20 22	3 30	2 39
S 20	20 17	27 53	4 41	22 38	2 0	5 4	1 10	11 49	3 57	7 37	1 11	5 46	2 28	23 38	0 15	22 22	1 3	15 31	16 7	13 1	12 36	20 24	3 30	2 39
M21	20 4 27	29	4 5	22 19	2 2	4 38	1 19	11 54	3 59	7 39	1 11	5 47	2 27	23 38	0 16	22 22	1 3	15 30	16 6	13 3	12 38	20 26	3 31	2 39
T 22	19 51	25 40	3 16	21 59	2 3	4 12	1 28	11 59	4 0	7 42	1 11	5 49	2 27	23 38	0 16	22 22	1 3	15 30	16 6	13 4	12 39	20 29	3 31	2 39
W23	19 37	22 28	2 16	21 37	2 4	3 47	1 38	12 4	4 2	7 45	1 10	5 50	2 27	23 38	0 16	22 22	1 3	15 29	16 6	13 5	12 40	20 31	3 32	2 39
T 24	19 23	18 4	1 8	21 13	2 5	3 21	1 47	12 10	4 4	7 48	1 10	5 52	2 26	23 38	0 16	22 22	1 3	15 29	16 6	13 6	12 41	20 33	3 33	2 38
F 25	19 9	12 42	0n 5	20 48	2 5	2 56	1 57	12 16	4 6	7 51	1 10	5 53	2 26	23 38	0 16	22 22	1 3	15 28	16 5	13 6	12 42	20 35	3 34	2 38
S 26	18 54	6 40	1 19	20 21	2 5	2 30	2 7	12 22	4 8	7 54	1 9	5 55	2 26	23 38	0 16	22 22	1 3	15 27	16 5	13 6	12 43	20 38	3 34	2 38
S 27	18 39	0 14	2 30	19 53	2 4	2 6	2 17	12 28	4 9	7 57	1 9	5 57	2 26	23 37	0 16	22 22	1 3	15 27	16 5	13 5	12 44	20 40	3 35	2 38
M28	18 24	6n15	3 32	19 23	2 3	1 41	2 27	12 35	4 11	8 1	1 9	5 58	2 25	23 37	0 16	22 22	1 3	15 26	16 4	13 5	12 45	20 42	3 36	2 38
T 29	18 8	12 29	4 23	18 52	2 1	1 17	2 37	12 42	4 13	8 4	1 9	6 0												

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
F 1	8 42 32	11 <sup>h</sup> 38'00"	4 <sup>h</sup> 11' 9"	18 <sup>h</sup> 18'	22 <sup>h</sup> 25'	6°R38	23 <sup>h</sup> 54'	21 <sup>h</sup> 18'	5 <sup>h</sup> 25'	4 <sup>h</sup> 8'	28 <sup>h</sup> 15'	25°R22	26 <sup>h</sup> 7'	14 <sup>h</sup> 0'	3 <sup>h</sup> 9'									
S 2	8 46 29	12°38'51"	18°20'	20° 5'	22°57'	6 <sup>h</sup> 20'	24° 2'	21°22'	5°28'	4°10'	28°17'	25 <sup>h</sup> 21'	26° 4'	14° 7'	3°11'									
S 3	8 50 25	13°39'40"	2 <sup>h</sup> 28'	21°52'	23°27'	6° 3'	24°11'	21°27'	5°31'	4°12'	28°18'	25°19'	26° 1'	14°13'	3°14'									
M 4	8 54 22	14°40'28"	16°27'	23°39'	23°55'	5°44'	24°20'	21°31'	5°34'	4°14'	28°19'	25°18'	25°58'	14°20'	3°16'									
T 5	8 58 19	15°41'14"	0 <sup>h</sup> 15'	25°27'	24°22'	5°25'	24°29'	21°36'	5°37'	4°16'	28°20'	25°17'	25°55'	14°27'	3°19'									
W 6	9 2 15	16°41'59"	13°49'	27°14'	24°47'	5° 6'	24°38'	21°40'	5°40'	4°18'	28°21'	25°16'	25°51'	14°33'	3°22'									
T 7	9 6 12	17°42'43"	27° 7'	29° 1'	25°10'	4°45'	24°48'	21°45'	5°43'	4°19'	28°22'	25°D16	25°48'	14°40'	3°24'									
F 8	9 10 8	18°43'25"	10 <sup>h</sup> 7'	0 <sup>h</sup> 47'	25°31'	4°25'	24°57'	21°49'	5°46'	4°21'	28°23'	25°16'	25°45'	14°47'	3°27'									
S 9	9 14 5	19°44'06"	22°49'	2°33'	25°50'	4° 4'	25° 7'	21°54'	5°49'	4°23'	28°25'	25°16'	25°42'	14°54'	3°30'									
S 10	9 18 1	20°44'46"	5 <sup>h</sup> 15'	4°17'	26° 8'	3°42'	25°17'	21°59'	5°52'	4°25'	28°26'	25°17'	25°39'	15° 0'	3°33'									
M11	9 21 58	21°45'25"	17°28'	6° 0'	26°23'	3°20'	25°26'	22° 4'	5°55'	4°26'	28°27'	25°17'	25°36'	15° 7'	3°36'									
T 12	9 25 54	22°46'02"	29°29'	7°41'	26°36'	2°57'	25°36'	22° 9'	5°57'	4°28'	28°28'	25°18'	25°32'	15°14'	3°39'									
W13	9 29 51	23°46'38"	11 <sup>h</sup> 11'	9°19'	26°46'	2°35'	25°46'	22°14'	6° 0'	4°30'	28°30'	25°18'	25°29'	15°20'	3°42'									
T 14	9 33 48	24°47'14"	23°24'	10°55'	26°55'	2°12'	25°57'	22°19'	6° 3'	4°31'	28°31'	25°18'	25°26'	15°27'	3°45'									
F 15	9 37 44	25°47'48"	5 <sup>h</sup> 11'	12°27'	27° 1'	1°48'	26° 7'	22°25'	6° 5'	4°33'	28°32'	25°18'	25°23'	15°34'	3°48'									
S 16	9 41 41	26°48'20"	17°13'	13°55'	27° 5'	1°25'	26°17'	22°30'	6° 8'	4°34'	28°34'	25°18'	25°20'	15°41'	3°51'									
S 17	9 45 37	27°48'52"	29°27'	15°19'	27°R 6'	1° 1'	26°28'	22°35'	6°11'	4°36'	28°35'	25°18'	25°16'	15°47'	3°54'									
M18	9 49 34	28°49'22"	11 <sup>h</sup> 35'	16°37'	27° 6'	0°37'	26°39'	22°41'	6°13'	4°38'	28°36'	25°19'	25°13'	15°54'	3°57'									
T 19	9 53 30	29°49'50"	24°43'	17°49'	27° 2'	0°13'	26°49'	22°46'	6°16'	4°39'	28°38'	25°19'	25°10'	16° 1'	4° 0'									
W20	9 57 27	0 <sup>h</sup> 50'18"	7 <sup>h</sup> 51'	18°55'	26°56'	29°149'	27° 0'	22°52'	6°18'	4°41'	28°39'	25°19'	25° 7'	16° 8'	4° 3'									
T 21	10 1 23	1°50'43"	21°19'	19°53'	26°48'	29°26'	27°11'	22°58'	6°21'	4°42'	28°40'	25°R20	25° 4'	16°14'	4° 6'									
F 22	10 5 20	2°51'07"	5 <sup>h</sup> 7'	20°43'	26°37'	29° 2'	27°22'	23° 3'	6°23'	4°43'	28°42'	25°20'	25° 1'	16°21'	4° 9'									
S 23	10 9 17	3°51'30"	19°11'	21°25'	26°23'	28°38'	27°33'	23° 9'	6°25'	4°45'	28°43'	25°19'	24°57'	16°28'	4°13'									
S 24	10 13 13	4°51'50"	3 <sup>h</sup> 27'	21°58'	26° 7'	28°14'	27°45'	23°15'	6°28'	4°46'	28°44'	25°18'	24°54'	16°34'	4°16'									
M25	10 17 10	5°52'09"	17°51'	22°22'	25°49'	27°51'	27°56'	23°21'	6°30'	4°47'	28°46'	25°17'	24°51'	16°41'	4°19'									
T 26	10 21 6	6°52'25"	2 <sup>h</sup> 18'	22°36'	25°28'	27°28'	28° 7'	23°27'	6°32'	4°49'	28°47'	25°16'	24°48'	16°48'	4°22'									
W27	10 25 3	7°52'40"	16°41'	22°R40	25° 5'	27° 5'	28°19'	23°33'	6°34'	4°50'	28°49'	25°14'	24°45'	16°55'	4°26'									
T 28	10 28 59	8 <sup>h</sup> 52'53"	0 <sup>h</sup> 11'58"	22 <sup>h</sup> 35'	24 <sup>h</sup> 40'	26°143'	28 <sup>h</sup> 31'	23 <sup>h</sup> 39'	6°36'	4°51'	28 <sup>h</sup> 50'	25 <sup>h</sup> 14'	24 <sup>h</sup> 42'	17 <sup>h</sup> 11'	4 <sup>h</sup> 29'									

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
F 1	17s19	26n 6	5n12	17s 9	1s53	0s 7	3n 9	13n 4	4n17	8n14	1s 8	6n 5	2s24	23s37	0s16	22s21	1n 3	15s23	16s 3	13s 5	12s49	20s51	3n39	2n37
S 2	17 2 27	47 4	5 11	16 32	1 49	0n16	3 20	13 11	4 18	8 17	1 8	6 7	2 24	23 37	0 16	22 21	1 3	15 23	16 3	13 5	12 51	20 53	3 40	2 37
S 3	16 45	27 39	4 12	15 53	1 44	0 38	3 32	13 19	4 20	8 21	1 7	6 9	2 24	23 37	0 16	22 21	1 3	15 22	16 3	13 6	12 52	20 56	3 41	2 37
M 4	16 27	25 44	3 19	15 13	1 39	1 0	3 43	13 27	4 21	8 24	1 7	6 11	2 24	23 37	0 16	22 21	1 3	15 21	16 3	13 6	12 53	20 58	3 42	2 36
T 5	16 9	22 18	2 14	14 31	1 34	1 21	3 54	13 35	4 22	8 28	1 7	6 12	2 23	23 36	0 16	22 21	1 3	15 21	16 3	13 7	12 54	21 0	3 42	2 36
W 6	15 51	17 42	1 3	13 49	1 27	1 41	4 6	13 44	4 23	8 31	1 7	6 14	2 23	23 36	0 16	22 21	1 3	15 20	16 2	13 7	12 55	21 2	3 43	2 36
T 7	15 32	12 20	0s10	13 5	1 20	2 1	4 18	13 52	4 24	8 35	1 6	6 16	2 23	23 36	0 16	22 21	1 3	15 19	16 2	13 7	12 56	21 4	3 44	2 36
F 8	15 14	6 32	1 21	12 20	1 12	2 21	4 30	14 0	4 25	8 39	1 6	6 18	2 23	23 36	0 16	22 21	1 3	15 19	16 2	13 7	12 57	21 7	3 45	2 36
S 9	14 55	0 36	2 27	11 34	1 4	2 39	4 42	14 9	4 26	8 42	1 6	6 20	2 23	23 36	0 16	22 21	1 3	15 18	16 2	13 7	12 58	21 9	3 46	2 36
S 10	14 36	5s13	3 24	10 48	0 55	2 57	4 54	14 17	4 26	8 46	1 6	6 22	2 22	23 36	0 16	22 21	1 3	15 17	16 1	13 6	12 59	21 11	3 47	2 35
M11	14 16	10 43	4 11	10 1	0 45	3 14	5 6	14 26	4 27	8 50	1 5	6 24	2 22	23 36	0 16	22 21	1 3	15 17	16 1	13 6	13 0	21 13	3 48	2 35
T 12	13 56	15 45	4 46	9 14	0 34	3 30	5 18	14 35	4 27	8 54	1 5	6 26	2 22	23 36	0 16	22 21	1 3	15 16	16 1	13 6	13 1	21 15	3 49	2 35
W13	13 37	20 8	5 8	8 26	0 23	3 46	5 30	14 43	4 27	8 58	1 5	6 28	2 22	23 36	0 16	22 21	1 3	15 15	16 1	13 6	13 2	21 17	3 50	2 35
T 14	13 16	23 43	5 17	7 39	0 11	4 0	5 42	14 52	4 28	9 2	1 5	6 31	2 21	23 35	0 16	22 20	1 3	15 15	16 1	13 6	13 3	21 20	3 51	2 35
F 15	12 56	26 18	5 12	6 52	0n 2	4 14	5 54	15 0	4 28	9 5	1 5	6 33	2 21	23 35	0 16	22 20	1 3	15 14	16 0	13 6	13 4	21 22	3 52	2 35
S 16	12 35	27 44	4 54	6 6	0 15	4 26	6 6	15 9	4 28	9 9	1 4	6 35	2 21	23 35	0 16	22 20	1 3	15 13	16 0	13 6	13 6	21 24	3 53	2 34
S 17	12 15	27 50	4 23	5 21	0 29	4 38	6 18	15 18	4 28	9 13	1 4	6 37	2 21	23 35	0 16	22 20	1 3	15 13	16 0	13 6	13 7	21 26	3 54	2 34
M18	11 54	26 33	3 38	4 38	0 43	4 48	6 30	15 26	4 28	9 17	1 4	6 39	2 21	23 35	0 16	22 20	1 3	15 12	16 0	13 6	13 8	21 28	3 56	2 34
T 19	11 33	23 51	2 42	3 56	0 58	4 58	6 42	15 34	4 27	9 22	1 4	6 42	2 20	23 35	0 16	22 20	1 3	15 11	16 0	13 6	13 9	21 30	3 57	2 34
W20	11 11	19 52	1 35	3 17	1 13	5 6	6 53	1																

SWISS EPHEMERIS for the year 1822

MARCH 1822

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	10 32 56	9°53'03	15°11' 6	22°R21	24°R13	26°R21	28°Y42	23°Y45	6°Z38	4°Z53	28°X51	25°D14	24°X38	17°M 8	4°Y32
S 2	10 36 52	10°53'12	29° 4	21°X57	23°X43	25°Q59	28°54	23°52	6°41	4°54	28°53	25°X14	24°35	17°15	4°36
S 3	10 40 49	11°53'18	12°59	21°26	23°12	25°38	29° 6	23°58	6°43	4°55	28°54	25°15	24°32	17°21	4°39
M 4	10 44 46	12°53'22	26°22	20°46	22°39	25°17	29°18	24° 4	6°44	4°56	28°56	25°17	24°29	17°28	4°43
T 5	10 48 42	13°53'24	9°Q42	20° 1	22° 5	24°57	29°30	24°11	6°46	4°57	28°57	25°18	24°26	17°35	4°46
W 6	10 52 39	14°53'24	22°50	19°10	21°30	24°37	29°42	24°17	6°48	4°58	28°59	25°R18	24°22	17°42	4°49
T 7	10 56 35	15°53'22	5°M45	18°15	20°53	24°18	29°54	24°24	6°50	4°59	29° 0	25°18	24°19	17°48	4°53
F 8	11 0 32	16°53'18	18°28	17°17	20°16	24° 0	0°X 7	24°30	6°52	5° 0	29° 2	25°17	24°16	17°55	4°56
S 9	11 4 28	17°53'12	0°X58	16°18	19°39	23°42	0°19	24°37	6°54	5° 1	29° 3	25°14	24°13	18° 2	5° 0
S 10	11 8 25	18°53'04	13°17	15°18	19° 1	23°24	0°32	24°43	6°55	5° 2	29° 5	25°11	24°10	18° 9	5° 3
M11	11 12 21	19°52'55	25°25	14°20	18°23	23° 8	0°44	24°50	6°57	5° 3	29° 6	25° 6	24° 7	18°15	5° 7
T 12	11 16 18	20°52'43	7°M26	13°25	17°46	22°52	0°57	24°57	6°59	5° 4	29° 8	25° 2	24° 3	18°22	5°10
W13	11 20 15	21°52'30	19°20	12°33	17° 9	22°37	1° 9	25° 4	7° 0	5° 5	29° 9	24°58	24° 0	18°29	5°14
T 14	11 24 11	22°52'15	1°X13	11°45	16°33	22°22	1°22	25°10	7° 2	5° 6	29°11	24°55	23°57	18°35	5°17
F 15	11 28 8	23°51'59	13° 7	11° 3	15°58	22° 9	1°35	25°17	7° 3	5° 6	29°12	24°53	23°54	18°42	5°21
S 16	11 32 4	24°51'40	25° 7	10°25	15°24	21°56	1°48	25°24	7° 4	5° 7	29°14	24°D52	23°51	18°49	5°25
S 17	11 36 1	25°51'20	7°Z18	9°54	14°51	21°43	2° 1	25°31	7° 6	5° 8	29°15	24°53	23°48	18°56	5°28
M18	11 39 57	26°50'58	19°44	9°29	14°21	21°32	2°14	25°38	7° 7	5° 9	29°17	24°54	23°44	19° 2	5°32
T 19	11 43 54	27°50'35	2°X31	9°10	13°52	21°21	2°27	25°45	7° 8	5° 9	29°18	24°56	23°41	19° 9	5°35
W20	11 47 50	28°50'10	15°41	8°57	13°25	21°11	2°40	25°52	7°10	5°10	29°20	24°57	23°38	19°16	5°39
T 21	11 51 47	29°49'42	29°17	8°51	13° 0	21° 2	2°53	25°59	7°11	5°10	29°21	24°R58	23°35	19°22	5°43
F 22	11 55 44	0°Y49'13	13°X18	8°D50	12°37	20°54	3° 6	26° 7	7°12	5°11	29°23	24°56	23°32	19°29	5°46
S 23	11 59 40	1°48'42	27°42	8°55	12°17	20°46	3°19	26°14	7°13	5°12	29°24	24°53	23°28	19°36	5°50
S 24	12 3 37	2°48'09	12°Y24	9° 5	11°59	20°40	3°33	26°21	7°14	5°12	29°26	24°48	23°25	19°43	5°53
M25	12 7 33	3°47'34	27°16	9°21	11°43	20°34	3°46	26°28	7°15	5°12	29°27	24°43	23°22	19°49	5°57
T 26	12 11 30	4°46'56	12°X10	9°42	11°30	20°29	4° 0	26°36	7°16	5°13	29°29	24°37	23°19	19°56	6° 1
W27	12 15 26	5°46'17	26°57	10° 8	11°19	20°24	4°13	26°43	7°17	5°13	29°30	24°31	23°16	20° 3	6° 4
T 28	12 19 23	6°45'35	11°X31	10°38	11°10	20°21	4°27	26°50	7°17	5°14	29°32	24°27	23°13	20°10	6° 8
F 29	12 23 19	7°44'51	25°47	11°12	11° 4	20°18	4°40	26°58	7°18	5°14	29°33	24°24	23° 9	20°16	6°12
S 30	12 27 16	8°44'05	9°X43	11°51	11° 1	20°16	4°54	27° 5	7°19	5°14	29°35	24°D24	23° 6	20°23	6°15
S 31	12 31 13	9°Y43'16	23°X49	12°X33	11°D 0	20°Q14	5°X 7	27°Y12	7°Z19	5°Z15	29°X36	24°X25	23°X 3	20°M30	6°Y19

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	7s52	27n33	4n57	0s 3	3n15	5n19	8n18	16n48	4n19	10n 4	1s 2	7n 5	2s19	23s34	0s16	22s19	1n 3	15s 4	15s58	13s 8	13s19	21s51	4n 8	2n33
S 2	7 29	27 50	4 23	0 4	3 24	5 14	8 25	16 54	4 18	10 8	1 2	7 7	2 18	23 34	0 16	22 19	1 3	15 4	15 58	13 7	13 20	21 53	4 10	2 33
S 3	7 7	26 23	3 34	0 10	3 31	5 7	8 31	17 0	4 16	10 13	1 1	7 10	2 18	23 34	0 16	22 19	1 3	15 3	15 58	13 7	13 21	21 55	4 11	2 32
M 4	6 44	23 24	2 33	0 21	3 36	4 59	8 36	17 6	4 15	10 17	1 1	7 12	2 18	23 34	0 16	22 19	1 3	15 2	15 58	13 7	13 23	21 57	4 12	2 32
T 5	6 21	19 12	1 25	0 36	3 40	4 49	8 40	17 11	4 13	10 21	1 1	7 15	2 18	23 34	0 16	22 19	1 3	15 2	15 58	13 6	13 24	22 0	4 13	2 32
W 6	5 57	14 8	0 14	0 54	3 41	4 38	8 43	17 16	4 11	10 26	1 1	7 17	2 18	23 34	0 16	22 19	1 3	15 1	15 58	13 6	13 25	22 2	4 15	2 32
T 7	5 34	8 32	0s57	1 17	3 40	4 26	8 45	17 21	4 9	10 30	1 1	7 20	2 18	23 34	0 16	22 19	1 3	15 1	15 58	13 6	13 26	22 4	4 16	2 32
F 8	5 11	2 40	2 4	1 42	3 37	4 13	8 46	17 26	4 8	10 35	1 0	7 22	2 17	23 34	0 16	22 19	1 3	15 0	15 58	13 7	13 27	22 6	4 17	2 32
S 9	4 48	3s12	3 4	2 9	3 32	3 58	8 47	17 30	4 6	10 39	1 0	7 25	2 17	23 33	0 16	22 19	1 3	14 59	15 58	13 7	13 28	22 8	4 18	2 32
S 10	4 24	8 50	3 54	2 38	3 26	3 43	8 46	17 34	4 4	10 44	1 0	7 28	2 17	23 33	0 16	22 19	1 3	14 59	15 58	13 9	13 29	22 10	4 20	2 32
M11	4 14	4 4	4 32	3 8	3 17	3 27	8 44	17 37	4 2	10 48	1 0	7 30	2 17	23 33	0 16	22 19	1 3	14 58	15 58	13 10	13 30	22 12	4 21	2 32
T 12	3 37	18 42	4 58	3 39	3 7	3 10	8 42	17 41	4 0	10 53	1 0	7 33	2 17	23 33	0 16	22 19	1 3	14 57	15 58	13 11	13 31	22 14	4 22	2 31
W13	3 14	22 34	5 12	4 9	2 56	2 52	8 38	17 44	3 57	10 57	1 0	7 35	2 17	23 33	0 16	22 19	1 3	14 57	15 58	13 13	13 32	22 16	4 24	2 31
T 14	2 50	25 30	5 11	4 39	2 43	2 34	8 34	17 46	3 55	11 2	1 0	7 38	2 17	23 33	0 16	22 19	1 3	14 56	15 58	13 14	13 33	22 18	4 25	2 31
F 15	2 26	27 19	4 57	5 8	2 30	2 16	8 28	17 49	3 53	11 7	0 59	7 41	2 16	23 33	0 16	22 19	1 3	14 55	15 58	13 14	13 34	22 20	4 26	2 31
S 16	2 3	27 53	4 31	5 35	2 15	1 57	8 22	17 51	3 51	11 11	0 59	7 43	2 16	23 33	0 17	22 18	1 4	14 55	15 58	13 15	13 35	22 22	4 28	2 31
S 17	1 39	27 7	3 51	6 0	2 1	1 38	8 15	17 53	3 49	11 16	0 59	7 46	2 16	23 33	0 17	22 18	1 4	14 54	15 58	13 15	13 36	22 24	4 29	2 31
M18	1 15	24 59	3 1	6 23	1 46	1 19	8 7	17 54	3 46	11 20	0 59	7 48	2 16	23 33	0 17	22 18	1 4	14 54	15 58	13 14	13 37	22 26	4 30	2 31
T 19	0 52	21 33	1 59	6 44	1 31	1 1	7 58	17 56	3 44	11 25	0 59	7 51	2 16	23 33	0 17	22 18	1 4	14 53	15 58	13 13	13 38	22 27	4 32	2 31
W20	0 28	16 57	0 50	7 3	1 16	0 42	7 49	17 57	3 41	11 30	0 59	7 54	2 16	23 33	0 17	22 18	1 4	14 52	15 58	13 13	13 39	22 29	4 33	2 31
T 21	0 4	11 22	0n24	7 20	1 1	0 24	7 40	17 57	3 39	11 34	0 58	7 56	2 16	23 33	0 17	22 18	1 4	14 52	15 58	13 13	13 40	22 31	4 34	2 31
F 22	0n20	5 4	1 38	7 33	0 46	0 5	7 29	17 58	3 37	11 39	0 58	7 59	2 16	23 33	0 17	22 18	1 4	14 51	15 58	13 13	13 41	22 33	4 36	2 31
S 23	0 43	1n40	2 49	7 45	0 31	0s12	7 18	17 58	3 34	11 43	0 58	8 2	2 15	23 33	0 17	22 18	1 4	14 51	15 58	13 14	13 43	22 35	4 37	2 30
S 24	1 7	8 25																						

SWISS EPHEMERIS for the year 1822

APRIL 1822

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	12 35 9	10°Y42'25	6Ω37	13X19	11X 1	20°D14	5Ω21	27Y20	7Ω20	5Ω15	29X38	24X26	23X 0	20M36	6Y22							
T 2	12 39 6	11°41'31	19°38	14° 8	11° 5	20Ω14	5°35	27°27	7°21	5°15	29°39	24°R27	22°57	20°43	6°26							
W 3	12 43 2	12°40'35	2M25	15° 1	11°11	20°15	5°49	27°35	7°21	5°15	29°41	24°27	22°54	20°50	6°30							
T 4	12 46 59	13°39'37	15° 0	15°57	11°19	20°17	6° 2	27°42	7°21	5°15	29°42	24°24	22°50	20°57	6°33							
F 5	12 50 55	14°38'37	27°25	16°55	11°29	20°19	6°16	27°50	7°22	5°15	29°44	24°20	22°47	21° 3	6°37							
S 6	12 54 52	15°37'35	9Ω41	17°57	11°42	20°22	6°30	27°57	7°22	5°15	29°45	24°13	22°44	21°10	6°40							
S 7	12 58 48	16°36'30	21°50	19° 1	11°56	20°26	6°44	28° 5	7°22	5°R15	29°46	24° 4	22°41	21°17	6°44							
M 8	13 2 45	17°35'24	3M51	20° 7	12°13	20°30	6°58	28°12	7°23	5°15	29°48	23°54	22°38	21°24	6°48							
T 9	13 6 41	18°34'15	15°48	21°16	12°31	20°35	7°12	28°20	7°23	5°15	29°49	23°44	22°34	21°30	6°51							
W10	13 10 38	19°33'05	27°41	22°27	12°52	20°41	7°26	28°27	7°23	5°15	29°51	23°34	22°31	21°37	6°55							
T 11	13 14 35	20°31'53	9X33	23°41	13°14	20°47	7°40	28°35	7°23	5°15	29°52	23°25	22°28	21°44	6°58							
F 12	13 18 31	21°30'40	21°27	24°56	13°38	20°54	7°54	28°43	7°R23	5°15	29°54	23°18	22°25	21°50	7° 2							
S 13	13 22 28	22°29'24	3Ω25	26°14	14° 3	21° 2	8° 8	28°50	7°23	5°15	29°55	23°14	22°22	21°57	7° 5							
S 14	13 26 24	23°28'07	15°34	27°34	14°31	21°10	8°22	28°58	7°23	5°15	29°56	23°12	22°19	22° 4	7° 9							
M15	13 30 21	24°26'48	27°57	28°56	15° 0	21°19	8°36	29° 5	7°23	5°14	29°58	23°D12	22°15	22°11	7°12							
T 16	13 34 17	25°25'28	10X39	0Y19	15°30	21°29	8°50	29°13	7°23	5°14	29°59	23°12	22°12	22°17	7°16							
W17	13 38 14	26°24'05	23°45	1°45	16° 2	21°39	9° 4	29°21	7°22	5°14	0Y 1	23°R13	22° 9	22°24	7°19							
T 18	13 42 10	27°22'41	7X18	3°12	16°35	21°49	9°19	29°28	7°22	5°14	0° 2	23°12	22° 6	22°31	7°23							
F 19	13 46 7	28°21'16	21°20	4°42	17°10	22° 0	9°33	29°36	7°22	5°13	0° 3	23° 9	22° 3	22°37	7°26							
S 20	13 50 4	29°19'48	5Y50	6°13	17°45	22°12	9°47	29°44	7°21	5°13	0° 5	23° 4	21°59	22°44	7°30							
S 21	13 54 0	0X18'19	20°43	7°46	18°22	22°24	10° 1	29°51	7°21	5°12	0° 6	22°56	21°56	22°51	7°33							
M22	13 57 57	1°16'48	5Ω52	9°20	19° 1	22°37	10°15	29°59	7°21	5°12	0° 7	22°46	21°53	22°58	7°37							
T 23	14 1 53	2°15'15	21° 7	10°57	19°40	22°50	10°30	0Ω 6	7°20	5°11	0° 9	22°36	21°50	23° 4	7°40							
W24	14 5 50	3°13'41	6M15	12°35	20°21	23° 4	10°44	0°14	7°19	5°11	0°10	22°27	21°47	23°11	7°43							
T 25	14 9 46	4°12'04	21° 8	14°15	21° 2	23°19	10°58	0°22	7°19	5°10	0°11	22°19	21°44	23°18	7°47							
F 26	14 13 43	5°10'25	5Ω39	15°56	21°45	23°33	11°12	0°29	7°18	5°10	0°13	22°13	21°40	23°25	7°50							
S 27	14 17 39	6° 8'44	19°44	17°40	22°28	23°49	11°27	0°37	7°17	5° 9	0°14	22°11	21°37	23°31	7°53							
S 28	14 21 36	7° 7'01	3Ω23	19°25	23°12	24° 4	11°41	0°45	7°17	5° 9	0°15	22°D10	21°34	23°38	7°56							
M29	14 25 33	8° 5'16	16°37	21°12	23°58	24°21	11°55	0°52	7°16	5° 8	0°16	22°R10	21°31	23°45	8° 0							
T 30	14 29 29	9Ω 3'29	29Ω30	23Y 1	24X44	24Ω37	12Ω10	1Ω 0	7Ω15	5Ω 7	0Y18	22X10	21X28	23M51	8Y 3							

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	lat		
M 1	4n15	20n10	1n35	7s45	1s18	2s22	5n29	17n47	3n12	12n25	0s57	8n26	2s15	23s33	0s17	22s18	1n 4	14s46	15s58	13s24	13s52	22s52	4n50	2n30
T 2	4 38	15 21	0 26	7 35	1 27	2 32	5 17	17 45	3 10	12 30	0 57	8 29	2 15	23 33	0 17	22 18	1 4	14 45	15 58	13 23	13 53	22 54	4 51	2 30
W 3	5 1	9 57	0s43	7 23	1 36	2 42	5 4	17 42	3 7	12 35	0 57	8 32	2 15	23 33	0 17	22 18	1 4	14 45	15 58	13 23	13 54	22 56	4 52	2 30
T 4	5 24	4 15	1 48	7 9	1 44	2 50	4 51	17 40	3 5	12 39	0 57	8 34	2 14	23 33	0 17	22 18	1 4	14 44	15 58	13 24	13 55	22 58	4 54	2 30
F 5	5 47	1s32	2 48	6 53	1 52	2 58	4 39	17 36	3 2	12 44	0 57	8 37	2 14	23 33	0 17	22 18	1 4	14 44	15 58	13 25	13 56	23 0	4 55	2 30
S 6	6 9	7 11	3 38	6 35	1 59	3 5	4 26	17 33	3 0	12 49	0 56	8 40	2 14	23 33	0 17	22 18	1 4	14 43	15 58	13 28	13 57	23 2	4 57	2 30
S 7	6 32	12 30	4 18	6 16	2 5	3 11	4 14	17 30	2 57	12 53	0 56	8 43	2 14	23 33	0 17	22 18	1 4	14 43	15 59	13 31	13 58	23 3	4 58	2 30
M 8	6 55	17 18	4 46	5 56	2 11	3 16	4 2	17 26	2 55	12 58	0 56	8 45	2 14	23 33	0 17	22 18	1 4	14 42	15 59	13 34	13 59	23 5	4 59	2 30
T 9	7 17	21 24	5 2	5 33	2 16	3 20	3 50	17 22	2 53	13 3	0 56	8 48	2 14	23 33	0 17	22 17	1 4	14 42	15 59	13 37	14 0	23 7	5 1	2 29
W10	7 39	24 36	5 4	5 9	2 21	3 23	3 38	17 18	2 50	13 7	0 56	8 51	2 14	23 33	0 17	22 17	1 4	14 41	15 59	13 41	14 1	23 9	5 2	2 29
T 11	8 2	26 44	4 53	4 44	2 25	3 26	3 26	17 14	2 48	13 12	0 56	8 54	2 14	23 33	0 17	22 17	1 4	14 41	15 59	13 44	14 2	23 11	5 3	2 29
F 12	8 24	27 40	4 29	4 18	2 29	3 27	3 14	17 9	2 46	13 17	0 56	8 56	2 14	23 33	0 17	22 17	1 4	14 41	15 59	13 46	14 3	23 13	5 5	2 29
S 13	8 46	27 19	3 53	3 50	2 32	3 28	3 3	17 5	2 43	13 21	0 56	8 59	2 14	23 33	0 17	22 17	1 4	14 40	15 59	13 47	14 4	23 14	5 6	2 29
S 14	9 7	25 39	3 7	3 20	2 35	3 28	2 52	17 0	2 41	13 26	0 56	9 2	2 14	23 33	0 17	22 17	1 4	14 40	15 59	13 48	14 5	23 16	5 7	2 29
M15	9 29	22 44	2 11	2 49	2 37	3 27	2 41	16 55	2 39	13 30	0 55	9 4	2 14	23 33	0 17	22 17	1 4	14 39	16 0	13 48	14 6	23 18	5 9	2 29
T 16	9 51	18 39	1 7	2 17	2 38	3 25	2 30	16 50	2 37	13 35	0 55	9 7	2 14	23 33	0 17	22 17	1 4	14 39	16 0	13 48	14 7	23 20	5 10	2 29
W17	10 12	13 35	0n 3	1 44	2 39	3 22	2 19	16 44	2 34	13 40	0 55	9 10	2 14	23 33	0 17	22 17	1 4	14 38	16 0	13 48	14 9	23 21	5 12	2 29
T 18	10 33	7 41	1 14	1 10	2 40	3 19	2 9	16 39	2 32	13 44	0 55	9 13	2 14	23 33	0 17	22 17	1 4	14 38	16 0	13 48	14 10	23 23	5 13	2 29
F 19	10 54	1 14	2 24	0 34	2 40	3 15	1 59	16 33	2 30	13 49	0 55	9 15	2 14	23 33	0 17	22 17	1 4	14 38	16 0	13 49	14 11	23 25	5 14	2 29
S 20	11 15	5n28	3 26	0n 2	2 39	3 10	1 49	16 27	2 28	13 53	0 55	9 18	2 14	23 33	0 17	22 17	1 4	14 37	16 0	13 51	14 12	23 27	5 16	2 29
S 21	11 35	12 3	4 16	0 40	2 38	3 5	1 39	16 21	2 26	13 58	0 55	9 21	2 14	23 33	0 17	22 17	1 4	14 37	16 1	13 53	14 13	23 28	5 17	2 29
M22	11 56	18 2	4 49	1 19	2 36	2 59	1 30	16 15	2 23	14 3	0 55	9 23	2 14	23 33	0 17	22 17	1 5	14 37	16 1	13 56	14 14	23 30	5 18	2 29
T 23	12 16	22 54	5 2	1 59	2 34	2 52	1 20	16 9	2 21	14 7	0 55	9 26	2 14	23 33	0 17	22 17	1 5	14 36	16 1	14 0	14 15	23 32	5 20	2 29
W24	12 36	26 11	4 53	2 40	2 31	2 44	1 11	16 2	2 19	14 12	0 55	9 29	2 14	23 33	0 17	22 17	1 5	14 36	16 1	14 3	14 16	23 34	5 21	2 29
T 25	12 56	27 34	4 25	3 21	2 28	2 36	1 2	15 55	2 17	14 16	0 55	9 31	2 14	23 33	0 17	22 17	1 5	14 36	16 1	14 5	14 17	23 35	5 22	2 29
F 26	13 16	27 0	3 40	4 4	2 24	2 28	0 53	15 48	2 15	14 21	0 55	9 34	2 14	23 33	0 17	22 17	1 5	14 35	16 2	14 7	14 18	23 37	5 24	2 29
S 27	13 35	24 42	2 43	4 48	2 19	2 18	0 45	15 41	2 13	14 25	0 54	9 37	2 14	23 33	0 17	22 17	1 5	14 35	16 2	14 8	14 19	23 39	5 25	2 29
S 28	13 54	21 0	1 38	5 32	2 14	2 8	0 37	15 34	2 11	14 30	0 54	9 39	2 14	23 33	0 18	22 17	1 5	14 35	16 2	14 8	14 20	23 41	5 26	2 29
M29	14 13	16 20	0 29	6 17	2 9	1 58	0 29	15 27	2 9	14 34	0 54	9 42	2 14	23 33	0 1									

SWISS EPHEMERIS for the year 1822

MAY 1822

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	14 33 26	10♈ 1'40	12♏ 6	24♃51	25♁31	24♁54	12♂24	1♁ 7	7°R14	5°R 6	0♃19	22°R 8	21♁25	23♁58	8♃ 6
T 2	14 37 22	10°59'49	24°28	26°43	26°19	25°12	12°38	1°15	7♁13	5♁ 6	0°20	22°55	21°21	24° 5	8° 9
F 3	14 41 19	11°57'55	6♁41	28°38	27° 7	25°30	12°53	1°23	7°12	5° 5	0°21	21°58	21°18	24°12	8°12
S 4	14 45 15	12°56'00	18°45	0♁33	27°56	25°48	13° 7	1°30	7°11	5° 4	0°22	21°49	21°15	24°18	8°16
S 5	14 49 12	13°54'04	0♁45	2°31	28°46	26° 7	13°21	1°38	7°10	5° 3	0°23	21°37	21°12	24°25	8°19
M 6	14 53 8	14°52'05	12°41	4°30	29°37	26°26	13°35	1°45	7° 9	5° 2	0°25	21°24	21° 9	24°32	8°22
T 7	14 57 5	15°50'05	24°34	6°32	0♃28	26°46	13°50	1°53	7° 8	5° 1	0°26	21° 9	21° 5	24°39	8°25
W 8	15 1 2	16°48'04	6♁27	8°34	1°20	27° 6	14° 4	2° 0	7° 6	5° 1	0°27	20°56	21° 2	24°45	8°28
T 9	15 4 58	17°46'01	18°20	10°39	2°13	27°26	14°18	2° 8	7° 5	5° 0	0°28	20°44	20°59	24°52	8°31
F 10	15 8 55	18°43'56	0♁15	12°44	3° 6	27°46	14°33	2°15	7° 4	4°59	0°29	20°35	20°56	24°59	8°34
S 11	15 12 51	19°41'51	12°16	14°51	4° 0	28° 7	14°47	2°23	7° 2	4°58	0°30	20°28	20°53	25° 5	8°37
S 12	15 16 48	20°39'44	24°26	17° 0	4°54	28°29	15° 1	2°30	7° 1	4°57	0°31	20°24	20°50	25°12	8°40
M13	15 20 44	21°37'35	6♁48	19° 9	5°49	28°50	15°15	2°37	7° 0	4°56	0°32	20°22	20°46	25°19	8°42
T 14	15 24 41	22°35'26	19°28	21°19	6°44	29°12	15°30	2°45	6°58	4°55	0°33	20°22	20°43	25°26	8°45
W15	15 28 37	23°33'15	2♁29	23°30	7°40	29°35	15°44	2°52	6°57	4°53	0°34	20°22	20°40	25°32	8°48
T 16	15 32 34	24°31'03	15°56	25°41	8°36	29°57	15°58	2°59	6°55	4°52	0°35	20°21	20°37	25°39	8°51
F 17	15 36 31	25°28'50	29°51	27°53	9°33	0♁20	16°12	3° 7	6°54	4°51	0°36	20°18	20°34	25°46	8°54
S 18	15 40 27	26°26'35	14♃15	0♁ 4	10°30	0°44	16°26	3°14	6°52	4°50	0°37	20°12	20°31	25°52	8°56
S 19	15 44 24	27°24'20	29° 5	2°15	11°28	1° 7	16°41	3°21	6°50	4°49	0°38	20° 4	20°27	25°59	8°59
M20	15 48 20	28°22'03	14♁14	4°25	12°26	1°31	16°55	3°28	6°49	4°48	0°39	19°54	20°24	26° 6	9° 2
T 21	15 52 17	29°19'46	29°33	6°34	13°24	1°55	17° 9	3°35	6°47	4°46	0°40	19°43	20°21	26°13	9° 4
W22	15 56 13	0♁17'27	14♁15	8°42	14°23	2°20	17°23	3°43	6°45	4°45	0°41	19°33	20°18	26°19	9° 7
T 23	16 0 10	1°15'07	29°54	10°49	15°22	2°44	17°37	3°50	6°43	4°44	0°42	19°24	20°15	26°26	9° 9
F 24	16 4 7	2°12'45	14♁36	12°53	16°22	3° 9	17°51	3°57	6°41	4°43	0°42	19°18	20°11	26°33	9°12
S 25	16 8 3	3°10'22	28°52	14°56	17°22	3°35	18° 5	4° 4	6°40	4°41	0°43	19°15	20° 8	26°40	9°14
S 26	16 12 0	4° 7'58	12♁38	16°57	18°22	4° 0	18°19	4°11	6°38	4°40	0°44	19°14	20° 5	26°46	9°17
M27	16 15 56	5° 5'32	25°57	18°56	19°22	4°26	18°33	4°18	6°36	4°39	0°45	19°D14	20° 2	26°53	9°19
T 28	16 19 53	6° 3'04	8♁52	20°52	20°23	4°52	18°47	4°25	6°34	4°37	0°46	19°R14	19°59	27° 0	9°21
W29	16 23 49	7° 0'35	21°26	22°46	21°24	5°18	19° 1	4°32	6°32	4°36	0°46	19°13	19°56	27° 6	9°24
T 30	16 27 46	7°58'05	3♁44	24°37	22°25	5°45	19°15	4°38	6°30	4°34	0°47	19°10	19°52	27°13	9°26
F 31	16 31 42	8♁55'34	15♁50	26♁25	23♃27	6♁12	19♁29	4♁45	6♁28	4♁33	0♃48	19♁ 5	19♁49	27♁20	9♃28

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	14n50	5n26	1s43	7n49	1s57	1s35	0n13	15n12	2n 5	14n43	0s54	9n47	2s14	23s34	0s18	22s17	1n 5	14s34	16s 3	14s 9	14s23	23s46	5n30	2n29
T 2	15 9	0s17	2 42	8 36	1 50	1 23	0 5	15 4	2 3	14 47	0 54	9 50	2 14	23 34	0 18	22 17	1 5	14 34	16 3	14 10	14 24	23 47	5 31	2 29
F 3	15 26	5 54	3 32	9 24	1 43	1 10	0s 2	14 56	2 1	14 52	0 54	9 52	2 14	23 34	0 18	22 17	1 5	14 33	16 3	14 12	14 25	23 49	5 32	2 29
S 4	15 44	11 14	4 12	10 12	1 35	0 57	0 9	14 48	1 59	14 56	0 54	9 55	2 14	23 34	0 18	22 17	1 5	14 33	16 3	14 15	14 26	23 51	5 34	2 29
S 5	16 2 16	7 4	4 10	11 0	1 27	0 44	0 16	14 40	1 58	15 0	0 54	9 57	2 14	23 34	0 18	22 17	1 5	14 33	16 4	14 19	14 27	23 52	5 35	2 29
M 6	16 19 20	21 4	4 56	11 49	1 18	0 30	0 23	14 32	1 56	15 5	0 54	10 0	2 14	23 34	0 18	22 17	1 5	14 33	16 4	14 23	14 28	23 54	5 36	2 29
T 7	16 36 23	45 4	5 49	12 37	1 9	0 15	0 29	14 23	1 54	15 9	0 54	10 3	2 14	23 34	0 18	22 17	1 5	14 32	16 4	14 28	14 29	23 56	5 37	2 29
W 8	16 52 26	9 4	4 49	13 26	1 0	0 0	0 35	14 15	1 52	15 13	0 54	10 5	2 14	23 34	0 18	22 17	1 5	14 32	16 4	14 32	14 30	23 57	5 39	2 29
T 9	17 9 27	22 4	2 26	14 15	0 50	0m15	0 41	14 6	1 50	15 18	0 54	10 8	2 14	23 34	0 18	22 17	1 5	14 32	16 5	14 36	14 31	23 59	5 40	2 29
F 10	17 25 27	19 3	5 62	15 3	0 40	0 31	0 47	13 57	1 49	15 22	0 54	10 10	2 14	23 34	0 18	22 17	1 5	14 32	16 5	14 39	14 32	24 0	5 41	2 29
S 11	17 41 25	59 3	6 15	15 50	0 30	0 47	0 53	13 48	1 47	15 26	0 54	10 13	2 14	23 34	0 18	22 17	1 5	14 32	16 5	14 41	14 33	24 2	5 42	2 29
S 12	17 56 23	26 2	12 16	16 37	0 19	1 3	0 59	13 39	1 45	15 30	0 54	10 15	2 14	23 34	0 18	22 17	1 5	14 32	16 6	14 42	14 34	24 4	5 43	2 29
M13	18 11 19	44 1	11 17	17 23	0 9	1 20	1 4	13 30	1 43	15 34	0 54	10 18	2 14	23 35	0 18	22 17	1 5	14 31	16 6	14 43	14 35	24 5	5 44	2 29
T 14	18 26 15	4 0	5 18	8 0n 2	1 37	1 9	13 21	1 42	15 39	0 53	10 20	2 14	23 35	0 18	22 17	1 5	14 31	16 6	14 43	14 36	24 7	5 46	2 29	
W15	18 41 9	37 1n 4	18 52	0 12	1 55	1 14	13 12	1 40	15 43	0 53	10 22	2 14	23 35	0 18	22 18	1 5	14 31	16 6	14 43	14 37	24 8	5 47	2 29	
T 16	18 55 3	33 2	11 19	19 34	0 23	2 12	1 19	13 2	1 38	15 47	0 53	10 25	2 14	23 35	0 18	22 18	1 5	14 31	16 7	14 43	14 38	24 10	5 48	2 29
F 17	19 9 2n53	3 12	20 15	0 33	2 30	1 24	12 52	1 37	15 51	0 53	10 27	2 14	23 35	0 18	22 18	1 5	14 31	16 7	14 44	14 39	24 12	5 49	2 29	
S 18	19 23 9	22 4	4 20	53 0 43	2 49	1 28	12 43	1 35	15 55	0 53	10 30	2 15	23 35	0 18	22 18	1 5	14 31	16 7	14 46	14 40	24 13	5 50	2 29	
S 19	19 36 15	32 4	4 41	21 30	0 53	3 7	1 33	12 33	1 33	15 59	0 53	10 32	2 15	23 35	0 18	22 18	1 5	14 31	16 8	14 49	14 41	24 15	5 51	2 29
M20	19 49 20	53 4	5 49	22 4	1 2	3 26	1 37	12 23	1 32	16 3	0 53	10 34	2 15	23 35	0 18	22 18	1 5	14 31	16 8	14 52	14 42	24 16	5 52	2 29
T 21	20 2 24	53 4	5 62	22 36	1 11	3 45	1 41	12 12	1 30	16 7	0 53	10 37	2 15	23 35	0 18	22 18	1 5	14 31	16 8	14 55	14 43	24 18	5 53	2 29
W22	20 14 27	6 4	3 23	5 1 20	4 4	1 44	12 2	1 29	16 11	0 53	10 39	2 15	23 36	0 18	22 18	1 5	14 30	16 9	14 58	14 44	24 19	5 54	2 30	
T 23	20 26 27	17 3	4 23	32 1 28	4 24	1 48	11 52	1 27	16 15	0 53	10 41	2 15	23 36	0 18	22 18	1 5	14 30	16 9	15 1	14 45	24 21	5 55	2 30	
F 24	20 38 25	31 2	5 23	56 1 35	4 43	1 52	11 41	1 26	16 19	0 53	10 44	2 15	23 36	0 18	22 18	1 5	14 30	16 9	15 3	14 46	24 22	5 56	2 30	
S 25	20 49 22	8 1	4 46	24 18	1 42	5 3	1 55	11 31	1 24	16 23	0 53	10 46	2 15	23 36	0 18	22 18	1 5	14 30	16 10	15 4	14 47	24 24	5 57	2 30
S 26	21 0 17	35 0	35 24	37 1 48	5 23	2 1	58 11	20 1	23 16	27 0 53	10 48	2 15	23 36	0 18	22 18	1 5	14 30	16 10	15 4	14 48	24 25	5 58	2 30	
M27	21 10 12	19 0s36	24 53	1 53	5 43	2 1 11	9 1	21 16	31 0 53	10 51	2 15	23 36	0 18	22 18	1 5	14 30	16 10	15 4	14 49	24 27	5 59	2 30		
T 28	21 20 6	41 1	4 25	6 1 58	6 3	2 4	10 58	1 20	16 35	0 53	10 53	2 15	23 36	0 18	22 18	1 5	14 30	16 11	15 4	14 50	24 28	6 0	2 30	
W29	21 30 0	55 2	4 25	17 2 1	6 24	2 7	10 47	1 18	16															

SWISS EPHEMERIS for the year 1822

JUNE 1822

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	16 35 39	9II53'01	27♁49	28II11	24Υ29	6♁39	19♁43	4♁52	6°R26	4°R32	0Υ48	18°R57	19♁46	27♁27	9Υ30	
S 2	16 39 35	10°50'27	9♁44	29°55	25°31	7° 6	19°56	4°59	6♁24	4♁30	0°49	18♁47	19°43	27°33	9°32	
M 3	16 43 32	11°47'52	21°36	1♁35	26°33	7°33	20°10	5° 5	6°21	4°29	0°50	18°35	19°40	27°40	9°34	
T 4	16 47 29	12°45'16	3♁29	3°13	27°36	8° 1	20°24	5°12	6°19	4°27	0°50	18°23	19°37	27°47	9°36	
W 5	16 51 25	13°42'40	15°23	4°48	28°39	8°29	20°37	5°19	6°17	4°26	0°51	18°11	19°33	27°53	9°38	
T 6	16 55 22	14°40'02	27°20	6°20	29°42	8°57	20°51	5°25	6°15	4°24	0°52	18° 1	19°30	28° 0	9°40	
F 7	16 59 18	15°37'24	9♁22	7°49	0♁45	9°25	21° 5	5°32	6°13	4°23	0°52	17°53	19°27	28° 7	9°42	
S 8	17 3 15	16°34'45	21°31	9°16	1°49	9°54	21°18	5°38	6°10	4°21	0°53	17°47	19°24	28°14	9°44	
S 9	17 7 11	17°32'05	3♁48	10°39	2°53	10°23	21°32	5°44	6° 8	4°20	0°53	17°44	19°21	28°20	9°46	
M10	17 11 8	18°29'25	16°18	12° 0	3°57	10°52	21°45	5°51	6° 6	4°18	0°54	17°D43	19°17	28°27	9°48	
T 11	17 15 5	19°26'44	29° 0	13°18	5° 1	11°21	21°59	5°57	6° 4	4°17	0°54	17°43	19°14	28°34	9°49	
W12	17 19 1	20°24'02	12♁ 2	14°32	6° 6	11°50	22°12	6° 3	6° 1	4°15	0°55	17°44	19°11	28°41	9°51	
T 13	17 22 58	21°21'21	25°25	15°44	7°10	12°20	22°25	6° 9	5°59	4°14	0°55	17°R44	19° 8	28°47	9°53	
F 14	17 26 54	22°18'39	9Υ13	16°52	8°15	12°49	22°39	6°15	5°57	4°12	0°55	17°43	19° 5	28°54	9°54	
S 15	17 30 51	23°15'56	23°26	17°58	9°20	13°19	22°52	6°21	5°54	4°10	0°56	17°40	19° 2	29° 1	9°56	
S 16	17 34 47	24°13'14	8♁ 2	19° 0	10°25	13°49	23° 5	6°27	5°52	4° 9	0°56	17°34	18°58	29° 7	9°57	
M17	17 38 44	25°10'31	22°58	19°58	11°31	14°19	23°18	6°33	5°50	4° 7	0°56	17°28	18°55	29°14	9°59	
T 18	17 42 40	26° 7'48	8II 5	20°53	12°36	14°50	23°31	6°39	5°47	4° 6	0°57	17°20	18°52	29°21	10° 0	
W19	17 46 37	27° 5'05	23°14	21°45	13°42	15°21	23°44	6°45	5°45	4° 4	0°57	17°13	18°49	29°28	10° 1	
T 20	17 50 34	28° 2'21	8♁14	22°33	14°48	15°51	23°57	6°51	5°42	4° 2	0°57	17° 7	18°46	29°34	10° 3	
F 21	17 54 30	28°59'37	22°58	23°18	15°54	16°22	24°10	6°57	5°40	4° 1	0°58	17° 2	18°43	29°41	10° 4	
S 22	17 58 27	29°56'52	7♁17	23°58	17° 0	16°53	24°23	7° 2	5°38	3°59	0°58	17° 0	18°39	29°48	10° 5	
S 23	18 2 23	0♁54'07	21° 9	24°35	18° 6	17°25	24°36	7° 8	5°35	3°58	0°58	17°D 0	18°36	29°55	10° 6	
M24	18 6 20	1°51'21	4♁34	25° 7	19°13	17°56	24°49	7°13	5°33	3°56	0°58	17° 1	18°33	0♁ 1	10° 7	
T 25	18 10 16	2°48'35	17°33	25°36	20°19	18°28	25° 1	7°19	5°30	3°54	0°58	17° 2	18°30	0° 8	10° 8	
W26	18 14 13	3°45'48	0♁10	26° 0	21°26	19° 0	25°14	7°24	5°28	3°53	0°58	17°R 3	18°27	0°15	10° 9	
T 27	18 18 9	4°43'00	12°30	26°19	22°33	19°32	25°27	7°29	5°26	3°51	0°59	17° 3	18°23	0°21	10°10	
F 28	18 22 6	5°40'12	24°36	26°34	23°40	20° 4	25°39	7°35	5°23	3°50	0°59	17° 1	18°20	0°28	10°11	
S 29	18 26 3	6°37'24	6♁34	26°45	24°47	20°36	25°51	7°40	5°21	3°48	0°59	16°57	18°17	0°35	10°12	
S 30	18 29 59	7♁34'35	18♁27	26♁51	25♁54	21♁ 8	26♁ 4	7♁45	5♁18	3♁46	0Υ59	16♁52	18♁14	0♁42	10Υ13	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21n57	15s 5	4s42	25n35	2n 8	7n25	2s14	10n14	1n14	16n50	0s53	11n 1	2s16	23s37	0s18	22s18
S 2	22 6 19	27 4	58 25	37 2	9 7	46 2	16 10	2 12	16 54	0 53	11 4	2 16	23 37	0 18	22 18	1 5 14
M 3	22 14 23	2 5	1 25	36 2	9 8	6 2	18 9	5 11	16 57	0 53	11 6	2 16	23 37	0 18	22 18	1 5 14
T 4	22 21 25	38 4	59 25	33 2	8 8	27 2	20 9	39 1	10 17	1 0	53 11	8 2	16 23	37 0	18 22	18 1
W 5	22 28 27	7 4	29 25	29 2	6 8	48 2	22 9	27 1	8 17	5 0	53 11	10 2	16 23	37 0	18 22	18 1
T 6	22 35 27	21 3	55 25	22 2	4 9	9 2	23 9	15 1	7 17	8 0	53 11	12 2	16 23	37 0	18 22	18 1
F 7	22 41 26	17 3	9 25	14 2	1 9	29 2	25 9	3 1	6 17	12 0	53 11	14 2	17 23	37 0	18 22	18 1
S 8	22 47 23	58 2	15 25	5 1	57 9	50 2	26 8	51 1	4 17	15 0	53 11	16 2	17 23	37 0	18 22	18 1
S 9	22 53 20	31 1	14 24	54 1	52 10	11 2	27 8	39 1	3 17	19 0	53 11	18 2	17 23	38 0	18 22	18 1
M10	22 58 16	6 0	8 24	42 1	47 10	31 2	28 8	27 1	2 17	22 0	53 11	20 2	17 23	38 0	18 22	18 1
T 11	23 3 10	54 1n	0 24	28 1	41 10	52 2	29 8	15 1	0 17	26 0	53 11	22 2	17 23	38 0	18 22	19 1
W12	23 7 5	7 2	6 24	13 1	34 11	13 2	30 8	3 0	59 17	29 0	53 11	24 2	17 23	38 0	18 22	19 1
T 13	23 11 1n	3 3	8 23	58 1	26 11	33 2	30 7	50 0	58 17	33 0	53 11	26 2	17 23	38 0	18 22	19 1
F 14	23 14 7	20 4	0 23	41 1	18 11	53 2	31 7	38 0	57 17	36 0	53 11	27 2	17 23	38 0	18 22	19 1
S 15	23 18 13	26 4	39 23	24 1	9 12	14 2	31 7	25 0	55 17	39 0	53 11	29 2	18 23	38 0	18 22	19 1
S 16	23 20 18	57 5	2 23	6 1	0 12	34 2	32 7	12 0	54 17	43 0	53 11	31 2	18 23	38 0	18 22	19 1
M17	23 23 23	26 5	5 22	48 0	50 12	54 2	32 6	59 0	53 17	46 0	53 11	33 2	18 23	39 0	18 22	19 1
T 18	23 24 26	23 4	46 22	29 0	39 13	13 2	32 6	46 0	52 17	49 0	53 11	35 2	18 23	39 0	18 22	19 1
W19	23 26 27	25 4	8 22	10	28 13	33 2	32 6	34 0	50 17	52 0	53 11	36 2	18 23	39 0	18 22	19 1
T 20	23 27 26	25 3	13 21	50 0	16 13	53 2	32 6	20 0	49 17	56 0	53 11	38 2	18 23	39 0	18 22	19 1
F 21	23 28 23	35 2	6 21	30 0	3 14	12 2	31 6	7 0	48 17	59 0	53 11	40 2	19 23	39 0	18 22	19 1
S 22	23 28 19	19 0	52 21	10 0s	10 14	31 2	31 5	54 0	47 18	2 0	53 11	41 2	19 23	39 0	18 22	19 1
S 23	23 28 14	6 0s	22 20	51 0	23 14	50 2	31 5	41 0	46 18	5 0	53 11	43 2	19 23	39 0	18 22	19 1
M24	23 27 8	24 1	34 20	31 0	37 15	8 2	30 5	27 0	45 18	8 0	53 11	45 2	19 23	39 0	19 22	19 1
T 25	23 26 2	30 2	38 20	12 0	52 15	27 2	29 5	14 0	43 18	11 0	53 11	46 2	19 23	39 0	19 22	19 1
W26	23 25 3s	19 3	32 19	53 1	7 15	45 2	28 5	1 0	42 18	14 0	53 11	48 2	19 23	40 0	19 22	19 1
T 27	23 23 8	51 4	15 19	34 1	22 16	3 2	28 4	47 0	41 18	17 0	53 11	49 2	20 23	40 0	19 22	19 1
F 28	23 21 13	59 4	46 19	16 1	37 16	20 2	27 4	33 0	40 18	20 0	53 11	51 2	20 23	40 0	19 22	19 1
S 29	23 18 18	30 5	4 18	59 1	53 16	38 2	25 4	20 0	39 18	23 0	53 11	52 2	20 23	40 0	19 22	19 1
S 30	23n15	22s17	5s 9	18n43	2s 8	16n55	2s24	4n 6	0n38	18n26	0s53	11n54	2s20	23s40	0s19	22s20

Julian Day Number = 2386682.5, Delta T = 10.97 sec  
 Ecliptic obliquity = 23°27'51", Nutation = 0°00'10"  
 Ayanamsha: Fagan/Bradley = 22°15'39", Lahiri = 21°22'39"

SWISS EPHEMERIS for the year 1822

JULY 1822

00:00 UT

Day	Sid.t	☉	☽	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒
M 1	18 33 56	8♁31'46	0♂19	26°R52	27♁ 2	21♁41	26♁16	7♁50	5°R16	3°R45	0♂59	16°R46	18♁11	0♂48	10♂13				
T 2	18 37 52	9°28'57	12°13	26♁49	28° 9	22°13	26°28	7°55	5♁13	3♁43	0°R59	16♁39	18° 8	0°55	10°14				
W 3	18 41 49	10°26'08	24°11	26°41	29°17	22°46	26°40	8° 0	5°11	3°41	0°59	16°33	18° 4	1° 2	10°15				
T 4	18 45 45	11°23'19	6♁16	26°28	0♁24	23°19	26°52	8° 4	5° 9	3°40	0°59	16°27	18° 1	1° 8	10°15				
F 5	18 49 42	12°20'30	18°28	26°11	1°32	23°52	27° 4	8° 9	5° 6	3°38	0°59	16°23	17°58	1°15	10°16				
S 6	18 53 39	13°17'41	0♁49	25°50	2°40	24°25	27°16	8°14	5° 4	3°37	0°59	16°20	17°55	1°22	10°16				
S 7	18 57 35	14°14'52	13°20	25°25	3°48	24°59	27°28	8°18	5° 1	3°35	0°59	16°D19	17°52	1°29	10°17				
M 8	19 1 32	15°12'03	26° 3	24°56	4°56	25°32	27°40	8°23	4°59	3°33	0°58	16°19	17°49	1°35	10°17				
T 9	19 5 28	16° 9'14	9♁ 0	24°24	6° 5	26° 6	27°51	8°27	4°57	3°32	0°58	16°20	17°45	1°42	10°17				
W10	19 9 25	17° 6'26	22°11	23°50	7°13	26°40	28° 3	8°32	4°54	3°30	0°58	16°22	17°42	1°49	10°18				
T 11	19 13 21	18° 3'39	5♂40	23°13	8°22	27°14	28°15	8°36	4°52	3°29	0°58	16°23	17°39	1°55	10°18				
F 12	19 17 18	19° 0'52	19°27	22°35	9°30	27°48	28°26	8°40	4°49	3°27	0°58	16°R24	17°36	2° 2	10°18				
S 13	19 21 14	19°58'06	3♁31	21°55	10°39	28°22	28°37	8°44	4°47	3°26	0°57	16°23	17°33	2° 9	10°18				
S 14	19 25 11	20°55'20	17°53	21°15	11°48	28°56	28°48	8°48	4°45	3°24	0°57	16°21	17°29	2°16	10°R18				
M15	19 29 8	21°52'35	2♁29	20°36	12°57	29°30	29° 0	8°52	4°43	3°23	0°57	16°19	17°26	2°22	10°18				
T 16	19 33 4	22°49'51	17°15	19°58	14° 6	0♁ 5	29°11	8°56	4°40	3°21	0°57	16°16	17°23	2°29	10°18				
W17	19 37 1	23°47'08	2♁ 2	19°21	15°15	0°40	29°22	8°59	4°38	3°20	0°56	16°13	17°20	2°36	10°18				
T 18	19 40 57	24°44'25	16°44	18°47	16°24	1°14	29°32	9° 3	4°36	3°18	0°56	16°10	17°17	2°43	10°18				
F 19	19 44 54	25°41'42	1♁14	18°15	17°34	1°49	29°43	9° 7	4°34	3°17	0°56	16° 9	17°14	2°49	10°17				
S 20	19 48 50	26°39'00	15°26	17°48	18°43	2°24	29°54	9°10	4°31	3°15	0°55	16°D 8	17°10	2°56	10°17				
S 21	19 52 47	27°36'19	29°15	17°24	19°53	2°59	0♁ 4	9°13	4°29	3°14	0°55	16° 9	17° 7	3° 3	10°17				
M22	19 56 43	28°33'38	12♁41	17° 6	21° 2	3°35	0°15	9°17	4°27	3°12	0°54	16°10	17° 4	3° 9	10°16				
T 23	20 0 40	29°30'57	25°43	16°52	22°12	4°10	0°25	9°20	4°25	3°11	0°54	16°11	17° 1	3°16	10°16				
W24	20 4 37	0♁28'16	8♁23	16°43	23°22	4°45	0°36	9°23	4°23	3° 9	0°53	16°12	16°58	3°23	10°16				
T 25	20 8 33	1°25'36	20°46	16°D40	24°31	5°21	0°46	9°26	4°21	3° 8	0°53	16°13	16°55	3°30	10°15				
F 26	20 12 30	2°22'57	2♁54	16°43	25°41	5°57	0°56	9°29	4°19	3° 7	0°52	16°R13	16°51	3°36	10°14				
S 27	20 16 26	3°20'18	14°53	16°53	26°51	6°33	1° 6	9°32	4°17	3° 5	0°52	16°13	16°48	3°43	10°14				
S 28	20 20 23	4°17'39	26°46	17° 8	28° 1	7° 9	1°15	9°34	4°15	3° 4	0°51	16°12	16°45	3°50	10°13				
M29	20 24 19	5°15'02	8♁39	17°29	29°12	7°45	1°25	9°37	4°13	3° 3	0°51	16°11	16°42	3°56	10°12				
T 30	20 28 16	6°12'24	20°35	17°57	0♁22	8°21	1°35	9°40	4°11	3° 1	0°50	16° 9	16°39	4° 3	10°11				
W31	20 32 12	7♁ 9'48	2♁38	18♁31	1♁32	8♁57	1♁44	9♁42	4♁ 9	3♁ 0	0♂49	16♁ 8	16♁35	4♁10	10♂11				

Day	☉	☽	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒						
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
M 1	23n11	25s 8	5s 1	18n27	2s24	17n12	2s23	3n52	0n37	18n29	0s53	11n55	2s20	23s40	0s19	22s20	1n 5	14s36	16s23	15s50	15s24	25s15	6m23	2n32
T 2	23 7 26	54 4	4 40	18 12	2 40	17 28	2 22	3 38	0 36	18 31	0 53	11 57	2 21	23 40	0 19	22 20	1 5	14 37	16 23	15 52	15 25	25 16	6 23	2 32
W 3	23 3 27	26 6	4 6	17 59	2 55	17 44	2 20	3 24	0 35	18 34	0 53	11 58	2 21	23 40	0 19	22 20	1 5	14 37	16 24	15 54	15 26	25 17	6 23	2 32
T 4	22 59 26	39 3	2 17	17 46	3 10	18 0	2 19	3 10	0 33	18 37	0 53	11 59	2 21	23 40	0 19	22 20	1 5	14 37	16 24	15 55	15 27	25 19	6 24	2 32
F 5	22 53 24	36 2	2 26	17 35	3 24	18 15	2 17	2 56	0 32	18 40	0 53	12 1	2 21	23 41	0 19	22 20	1 5	14 38	16 24	15 57	15 28	25 20	6 24	2 32
S 6	22 48 21	21 1	1 24	17 25	3 38	18 30	2 15	2 42	0 31	18 42	0 53	12 2	2 21	23 41	0 19	22 20	1 5	14 38	16 25	15 57	15 29	25 21	6 24	2 32
S 7	22 42 17	6 0	0 16	17 17	3 52	18 45	2 14	2 28	0 30	18 45	0 53	12 3	2 22	23 41	0 19	22 20	1 5	14 39	16 25	15 58	15 30	25 22	6 24	2 32
M 8	22 36 12	1 0m53	17 10	4 4	18 59	2 12	2 13	0 29	18 48	0 53	12 5	2 22	23 41	0 19	22 20	1 5	14 39	16 25	15 58	15 31	25 23	6 25	2 32	
T 9	22 29 6	20 2	1 17	4 15	19 13	2 10	1 59	0 28	18 50	0 53	12 6	2 22	23 41	0 19	22 20	1 5	14 39	16 26	15 57	15 32	25 25	6 25	2 32	
W10	22 22 0	17 3	4 17	0 4	25 19	26 2	8 1	45 0	27 18	53 0	53 12	7 2	22 23 41	0 19	22 20	1 5	14 40	16 26	15 57	15 33	25 26	6 25	2 32	
T 11	22 15 5n54	3 58	16 57	4 34	19 39	2 6	1 30	0 26	18 55	0 53	12 8	2 22	23 41	0 19	22 20	1 5	14 40	16 27	15 56	15 34	25 27	6 25	2 33	
F 12	22 7 11	56 4	4 40	16 56	4 42	19 52	2 4	1 16	0 25	18 58	0 53	12 9	2 23	23 41	0 19	22 20	1 5	14 41	16 27	15 56	15 35	25 28	6 25	2 33
S 13	21 59 17	29 5	6 16	17 57	4 48	20 4	2 2	1 1	0 24	19 0	0 54	12 10	2 23	23 41	0 19	22 20	1 5	14 41	16 27	15 57	15 35	25 29	6 25	2 33
S 14	21 50 22	11 5	14 16	58 4	52 20	15 1	59 0	47 0	23 19	3 0	54 12	11 2	23 23 41	0 19	22 20	1 5	14 41	16 28	15 57	15 36	25 31	6 25	2 33	
M15	21 41 25	36 5	1 17	2 4	55 20	26 1	57 0	32 0	22 19	5 0	54 12	12 2	23 23 41	0 19	22 20	1 5	14 42	16 28	15 58	15 37	25 32	6 25	2 33	
T 16	21 33 27	19 4	29 17	6 4	56 20	37 1	55 0	18 0	21 19	7 0	54 12	13 2	23 23 42	0 19	22 20	1 5	14 42	16 28	15 59	15 38	25 33	6 26	2 33	
W17	21 22 27	6 3	39 17	12 4	55 20	47 1	52 0	3 0	20 19	10 0	54 12	14 2	24 23 42	0 19	22 21	1 5	14 43	16 29	16 0	15 39	25 34	6 26	2 33	
T 18	21 12 24	58 2	35 17	19 4	52 20	57 1	50 0s12	0 19	19 12	0 54	12 15	2 24	23 42	0 19	22 21	1 5	14 43	16 29	16 0	15 40	25 35	6 26	2 33	
F 19	21 2 21	13 1	21 17	27 4	48 21	6 1	47 0	27 0	18 19	14 0	54 12	16 2	24 23 42	0 19	22 21	1 5	14 44	16 29	16 1	15 41	25 36	6 25	2 33	
S 20	20 51 16	17 0	4 17	36 4	43 21	15 1	45 0	41 0	17 19	16 0	54 12	17 2	24 23 42	0 19	22 21	1 5	14 44	16 30	16 1	15 42	25 37	6 25	2 33	
S 21	20 40 10	37 1s12	17 46	4 36	21 23	1 42	0 56	0 16	19 19	0 54	12 18	2 25	23 42	0 19	22 21	1 5	14 45	16 30	16 1	15 43	25 38	6 25	2 33	
M22	20 28 4	38 2	21 17	57 4	27 21	30 1	39 1	11 0	15 19	21 0	54 12	19 2	25 23 42	0 19	22 21	1 5	14 45	16 30	16 1	15 44	25 40	6 25	2 33	
T 23	20 16 1s22	3 21	18 9	4 17	21 38	1 37	1 26	0 14	19 23	0 54	12 20	2 25	23 42	0 19	22 21	1 5	14 46	16 31	16 0	15 45	25 41	6 25	2 33	
W24	20 4 7	9 4	10 18	20 4	6 21	44 1	34 1	41 0	14 19	25 0	54 12	20 2	25 23 42	0 19	22 21	1 5	14 46	16 31	16 0	15 46	25 42	6 25	2 33	
T 25	19 52 12	31 4	45 18	33 3	54 21	50 1	31 1	56 0	13 19	27 0	54 12	21 2	25 23 42	0 19	22 21	1 5	14 47	16 31	16 0	15 47	25 43	6 25	2 33	
F 26	19 39 17	18 5	7 18	45 3	42 21	55 1	28 2	11 0	12 19	29 0	54 12	22 2	26 23 42	0 19	22 21	1 5	14 47	16 32	15 59	15 48	25 44	6 2		

SWISS EPHEMERIS for the year 1822

AUGUST 1822

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	20 36 9	8♂ 7'12	14♂50	19♂11	2♂43	9♂33	1♂53	9♂44	4♂R 7	2♂R59	0♂R49	16♂R 7	16♂♂32	4♂♂17	10♂R10
F 2	20 40 6	9° 4'37	27°14	19°58	3°53	10°10	2° 3	9°47	4♂ 5	2♂58	0♂♂48	16♂♂ 6	16°29	4°23	10♂♂ 9
S 3	20 44 2	10° 2'03	9♂♂51	20°50	5° 4	10°46	2°12	9°49	4° 3	2°56	0°48	16°D 6	16°26	4°30	10° 8
S 4	20 47 59	10°59'30	22°41	21°49	6°14	11°23	2°21	9°51	4° 1	2°55	0°47	16° 6	16°23	4°37	10° 7
M 5	20 51 55	11°56'58	5♂♂45	22°53	7°25	12° 0	2°30	9°53	4° 0	2°54	0°46	16° 6	16°20	4°43	10° 6
T 6	20 55 52	12°54'27	19° 3	24° 3	8°36	12°37	2°38	9°54	3°58	2°53	0°45	16° 6	16°16	4°50	10° 4
W 7	20 59 48	13°51'57	2♂♂35	25°19	9°47	13°14	2°47	9°56	3°56	2°52	0°45	16° 7	16°13	4°57	10° 3
T 8	21 3 45	14°49'28	16°19	26°40	10°58	13°51	2°55	9°58	3°55	2°51	0°44	16° 7	16°10	5° 4	10° 2
F 9	21 7 41	15°47'01	0♂♂14	28° 6	12° 9	14°28	3° 4	9°59	3°53	2°50	0°43	16°R 7	16° 7	5°10	10° 1
S 10	21 11 38	16°44'36	14°19	29°37	13°20	15° 5	3°12	10° 1	3°51	2°49	0°42	16°D 7	16° 4	5°17	9°59
S 11	21 15 35	17°42'12	28°32	1♂♂12	14°31	15°43	3°20	10° 2	3°50	2°47	0°42	16° 7	16° 1	5°24	9°58
M12	21 19 31	18°39'49	12♂♂52	2°52	15°43	16°20	3°28	10° 3	3°48	2°46	0°41	16° 7	15°57	5°30	9°56
T 13	21 23 28	19°37'28	27°13	4°35	16°54	16°58	3°36	10° 4	3°47	2°45	0°40	16° 7	15°54	5°37	9°55
W14	21 27 24	20°35'09	11♂♂34	6°22	18° 5	17°35	3°43	10° 5	3°46	2°45	0°39	16° 8	15°51	5°44	9°53
T 15	21 31 21	21°32'51	25°50	8°12	19°17	18°13	3°51	10° 6	3°44	2°44	0°38	16° 8	15°48	5°51	9°52
F 16	21 35 17	22°30'34	9♂♂56	10° 4	20°28	18°51	3°58	10° 7	3°43	2°43	0°37	16°R 8	15°45	5°57	9°50
S 17	21 39 14	23°28'19	23°49	11°59	21°40	19°29	4° 6	10° 8	3°42	2°42	0°36	16° 8	15°41	6° 4	9°48
S 18	21 43 10	24°26'05	7♂♂25	13°55	22°52	20° 7	4°13	10° 8	3°40	2°41	0°36	16° 8	15°38	6°11	9°47
M19	21 47 7	25°23'53	20°42	15°53	24° 4	20°45	4°20	10° 9	3°39	2°40	0°35	16° 7	15°35	6°17	9°45
T 20	21 51 4	26°21'41	3♂♂41	17°52	25°16	21°24	4°26	10° 9	3°38	2°39	0°34	16° 6	15°32	6°24	9°43
W21	21 55 0	27°19'31	16°20	19°52	26°27	22° 2	4°33	10° 9	3°37	2°39	0°33	16° 4	15°29	6°31	9°41
T 22	21 58 57	28°17'22	28°43	21°52	27°39	22°40	4°39	10°10	3°36	2°38	0°32	16° 3	15°26	6°38	9°39
F 23	22 2 53	29°15'15	10♂♂52	23°52	28°51	23°19	4°46	10°R10	3°35	2°37	0°31	16° 2	15°22	6°44	9°38
S 24	22 6 50	0♂♂13'08	22°52	25°52	0♂ 4	23°58	4°52	10°10	3°34	2°36	0°30	16° 1	15°19	6°51	9°36
S 25	22 10 46	1°11'04	4♂♂46	27°51	1°16	24°36	4°58	10° 9	3°33	2°36	0°29	16°D 1	15°16	6°58	9°34
M26	22 14 43	2° 9'00	16°39	29°50	2°28	25°15	5° 4	10° 9	3°32	2°35	0°28	16° 1	15°13	7° 4	9°32
T 27	22 18 39	3° 6'58	28°35	1♂♂48	3°40	25°54	5° 9	10° 9	3°31	2°34	0°27	16° 3	15°10	7°11	9°30
W28	22 22 36	4° 4'57	10♂♂41	3°46	4°53	26°33	5°15	10° 8	3°30	2°34	0°26	16° 4	15° 7	7°18	9°27
T 29	22 26 33	5° 2'57	22°58	5°42	6° 5	27°12	5°20	10° 8	3°29	2°33	0°25	16° 5	15° 3	7°25	9°25
F 30	22 30 29	6° 0'59	5♂♂31	7°38	7°18	27°52	5°25	10° 7	3°29	2°33	0°24	16° 6	15° 0	7°31	9°23
S 31	22 34 26	6♂♂59'02	18♂♂21	9♂♂32	8♂♂30	28♂♂31	5♂♂30	10♂ 6	3♂♂28	2♂♂32	0♂♂22	16°R 7	14♂♂57	7♂♂38	9♂♂21

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	18n15	25s22	2s45	19n54	2s12	22n15	1s11	3s42	0n 6	19n40	0s55	12n25	2s27	23s43	0s19	22s21	1n 4	14s50	16s34	16s 1	15s54	25s50	6n23	2n34
F 2	18 0 22 25	1 43 20 3	1 57 22 17	1 8 3 57	0 5 19 42	0 55 12 26	2 27 23 43	0 19 22 21	1 4 14 51	16 34 16	2 15 55	25 51 6 23	2 34											
S 3	17 45 18 21	0 35 20 11	1 41 22 17	1 5 4 12	0 5 19 44	0 55 12 26	2 28 23 43	0 19 22 22	1 4 14 51	16 34 16	2 15 56	25 52 6 22	2 34											
S 4	17 29 13 24	0n36	20 18	1 25 22 18	1 2 4 27	0 4 19 45	0 55 12 26	2 28 23 43	0 19 22 22	1 4 14 52	16 35 16	2 15 57	25 53 6 22	2 34										
M 5	17 14 7 45	1 47 20 23	1 9 22 17	0 58 4 42	0 3 19 47	0 55 12 27	2 28 23 43	0 19 22 22	1 4 14 52	16 35 16	2 15 58	25 54 6 22	2 34											
T 6	16 57 1 41	2 53 20 26	0 54 22 16	0 55 4 57	0 2 19 49	0 55 12 27	2 28 23 43	0 19 22 22	1 4 14 53	16 35 16	2 15 59	25 55 6 21	2 34											
W 7	16 41 4n33	3 50 20 27	0 39 22 14	0 52 5 13	0 1 19 50	0 55 12 28	2 29 23 43	0 19 22 22	1 4 14 53	16 35 16	1 15 59	25 56 6 21	2 34											
T 8	16 24 10 39	4 35 20 26	0 25 22 12	0 49 5 28	0 0 19 52	0 55 12 28	2 29 23 43	0 19 22 22	1 4 14 54	16 36 16	1 16 0 25 57	6 20 2 34												
F 9	16 7 16 19	5 5 20 23	0 11 22 9	0 46 5 43	0s 1 19 53	0 55 12 28	2 29 23 43	0 19 22 22	1 4 14 55	16 36 16	1 16 1 25 58	6 20 2 34												
S 10	15 50 21 11	5 17 20 18	0n 3 22 5	0 43 5 58	0 1 19 55	0 55 12 28	2 29 23 43	0 19 22 22	1 4 14 55	16 36 16	1 16 2 25 59	6 19 2 34												
S 11	15 33 24 53	5 9 20 10	0 15 22 1	0 40 6 13	0 2 19 56	0 55 12 28	2 30 23 43	0 19 22 22	1 4 14 56	16 37 16	1 16 3 26 0	6 19 2 34												
M12	15 15 27 3	4 43 19 59	0 27 21 56	0 37 6 29	0 3 19 58	0 55 12 29	2 30 23 43	0 19 22 22	1 4 14 56	16 37 16	1 16 4 26 1	6 18 2 34												
T 13	14 57 27 25	3 59 19 46	0 39 21 50	0 34 6 44	0 4 19 59	0 55 12 29	2 30 23 43	0 19 22 22	1 4 14 57	16 37 16	1 16 5 26 2	6 18 2 35												
W14	14 39 25 57	3 0 19 29	0 49 21 44	0 30 6 59	0 5 20 1	0 56 12 29	2 30 23 43	0 19 22 22	1 4 14 57	16 37 16	1 16 6 26 3	6 17 2 35												
T 15	14 20 22 48	1 50 19 11	0 59 21 38	0 27 7 14	0 5 20 2	0 56 12 29	2 31 23 43	0 19 22 22	1 4 14 58	16 38 16	1 16 7 26 4	6 17 2 35												
F 16	14 1 18 20	0 34 18 49	1 7 21 30	0 24 7 29	0 6 20 3	0 56 12 29	2 31 23 43	0 19 22 22	1 4 14 58	16 38 16	1 16 8 26 5	6 16 2 35												
S 17	13 43 12 56	0s42	18 25	1 15 21 22	0 21 7 44	0 7 20 4	0 56 12 29	2 31 23 43	0 19 22 22	1 4 14 59	16 38 16	1 16 9 26 6	6 16 2 35											
S 18	13 23 7 1	1 55 17 58	1 22 21 14	0 18 8 0	0 8 20 6	0 56 12 29	2 31 23 43	0 19 22 22	1 4 15 0	16 38 16	1 16 10 26 6	6 15 2 35												
M19	13 4 0 56	3 0 17 29	1 28 21 5	0 15 8 15	0 9 20 7	0 56 12 29	2 32 23 43	0 19 22 22	1 4 15 0	16 39 16	1 16 11 26 7	6 14 2 35												
T 20	12 45 5s 2	3 54 16 58	1 33 20 55	0 12 8 30	0 9 20 8	0 56 12 29	2 32 23 43	0 19 22 23	1 4 15 1	16 39 16	2 16 12 26 8	6 14 2 35												
W21	12 25 10 39	4 35 16 25	1 37 20 44	0 9 8 45	0 10 20 9	0 56 12 28	2 32 23 44	0 19 22 23	1 4 15 1	16 39 16	2 16 13 26 9	6 13 2 35												
T 22	12 5 15 43	5 2 15 49	1 41 20 33	0 6 9 0	0 11 20 10	0 56 12 28	2 32 23 44	0 19 22 23	1 4 15 2	16 39 16	3 16 14 26 10	6 12 2 35												
F 23	11 45 20 5	5 15 15 12	1 43 20 22	0 3 9 15	0 12 20 11	0 56 12 28	2 33 23 44	0 19 22 23	1 4 15 3	16 39 16	3 16 15 26 11	6 11 2 35												
S 24	11 24 23 34	5 14 14 34	1 45 20 10	0n 0 9 30	0 13 20 12	0 56 12 28	2 33 23 44	0 19 22 23	1 4 15 3	16 40 16	3 16 16 26 12	6 11 2 35												
S 25	11 4 26 1	4 59 13 53	1 46 19 57	0 3 9 45	0 13 20 13	0 56 12 27	2 33 23 44	0 19 22 23	1 4 15 4	16 40 16	3 16 16 26 12	6 10 2 35												
M26	10 43 27 18	4 32 13 12	1 46 19 44	0 6 10 0	0 14 20 14	0 57 12 27	2 33 23 44	0 19 22 23	1 4 15 4	16 40 16	3 16 17 26 13	6 9 2 35												
T 27	10 22 27 20	3 53 12 29	1 46 19 30	0 9 10 15	0 15 20 15	0 57 12 27	2 34 23 44	0 19 22 23	1 3 15 5	16 40 16	3 16 18 26 14	6 8 2 35												
W28	10 1 26 5	3 3 11 46	1 45 19 16	0 12 10 30	0 16 20 16	0 57 12 26	2 34 23 44	0 19 22 23	1 3 15 5	16 40 16	2 16 19 26 15	6 7 2 35												
T 29	9 40 23 33	2 4 11 2	1 43 19 1	0 15 10 45	0 16 20 17	0 57 12 26	2 34 23 44	0 19 22 23	1 3 15 6	16 41 16	2 16 20 26 16	6 7 2 35												
F 30	9 19 19 51	0 58 10 17	1 41 18 45	0 18 10 59	0 17 20 18	0 57 12 26	2 34 23 44	0 19 22 23	1 3 15 7	16 41 16	2 16 21 26 17	6 6 2 35												
S 31	8n57	15s 9	0n12	9n31	1n38	18n29	0n21	11s14	0s18	20n19	0s57	12n25	2s34	23s44	0s19	22s23	1n 3	15s 7	16s41	16s 1	16s22	26s17	6n 5	2n35

Julian Day Number = 2386743.5, Delta T = 10.92 sec  
 Ecliptic obliquity = 23°27'51, Nutation = 0°00'13  
 Ayanamsha: Fagan/Bradley = 22°15'47, Lahiri = 21°22'47



SWISS EPHEMERIS for the year 1822

SEPTEMBER 1822

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	22 38 22	7 <sup>h</sup> 57'07"	1 <sup>h</sup> 31'	11 <sup>h</sup> 25'	9 <sup>h</sup> 43'	29 <sup>h</sup> 10'	5 <sup>h</sup> 35'	10 <sup>h</sup> R 5	3 <sup>h</sup> R27	2 <sup>h</sup> R32	0 <sup>h</sup> R21	16 <sup>h</sup> R 6	14 <sup>h</sup> 54'	7 <sup>h</sup> 45'	9 <sup>h</sup> R19
M 2	22 42 19	8 <sup>h</sup> 55'13"	14 <sup>h</sup> 59'	13 <sup>h</sup> 18'	10 <sup>h</sup> 56'	29 <sup>h</sup> 50'	5 <sup>h</sup> 40'	10 <sup>h</sup> 4	3 <sup>h</sup> 27	2 <sup>h</sup> 31	0 <sup>h</sup> Y20	16 <sup>h</sup> 4	14 <sup>h</sup> 51'	7 <sup>h</sup> 51'	9 <sup>h</sup> Y16
T 3	22 46 15	9 <sup>h</sup> 53'22"	28 <sup>h</sup> 43'	15 <sup>h</sup> 9'	12 <sup>h</sup> 8'	0 <sup>h</sup> M29	5 <sup>h</sup> 44'	10 <sup>h</sup> 3	3 <sup>h</sup> 26	2 <sup>h</sup> 31	0 <sup>h</sup> 19	16 <sup>h</sup> 1	14 <sup>h</sup> 47'	7 <sup>h</sup> 58'	9 <sup>h</sup> 14
W 4	22 50 12	10 <sup>h</sup> 51'32"	12 <sup>h</sup> Y42'	16 <sup>h</sup> 59'	13 <sup>h</sup> 21'	1 <sup>h</sup> 9'	5 <sup>h</sup> 48'	10 <sup>h</sup> 2	3 <sup>h</sup> 26	2 <sup>h</sup> 31	0 <sup>h</sup> 18	15 <sup>h</sup> 58'	14 <sup>h</sup> 44'	8 <sup>h</sup> 5'	9 <sup>h</sup> 12
T 5	22 54 8	11 <sup>h</sup> 49'43"	26 <sup>h</sup> 50'	18 <sup>h</sup> 47'	14 <sup>h</sup> 34'	1 <sup>h</sup> 49'	5 <sup>h</sup> 52'	10 <sup>h</sup> 1	3 <sup>h</sup> 25	2 <sup>h</sup> 30	0 <sup>h</sup> 17	15 <sup>h</sup> 54'	14 <sup>h</sup> 41'	8 <sup>h</sup> 12'	9 <sup>h</sup> 9'
F 6	22 58 5	12 <sup>h</sup> 47'57"	11 <sup>h</sup> 4'	20 <sup>h</sup> 35'	15 <sup>h</sup> 47'	2 <sup>h</sup> 28	5 <sup>h</sup> 56'	9 <sup>h</sup> 59	3 <sup>h</sup> 25	2 <sup>h</sup> 30	0 <sup>h</sup> 16	15 <sup>h</sup> 51'	14 <sup>h</sup> 38'	8 <sup>h</sup> 18'	9 <sup>h</sup> 7'
S 7	23 2 2	13 <sup>h</sup> 46'13"	25 <sup>h</sup> 21'	22 <sup>h</sup> 21'	17 <sup>h</sup> 0'	3 <sup>h</sup> 8'	6 <sup>h</sup> 0'	9 <sup>h</sup> 58	3 <sup>h</sup> 25	2 <sup>h</sup> 30	0 <sup>h</sup> 15	15 <sup>h</sup> 49'	14 <sup>h</sup> 35'	8 <sup>h</sup> 25'	9 <sup>h</sup> 5'
S 8	23 5 58	14 <sup>h</sup> 44'32"	9 <sup>h</sup> II36'	24 <sup>h</sup> 6'	18 <sup>h</sup> 13'	3 <sup>h</sup> 48'	6 <sup>h</sup> 4'	9 <sup>h</sup> 56	3 <sup>h</sup> 24	2 <sup>h</sup> 30	0 <sup>h</sup> 14	15 <sup>h</sup> D48	14 <sup>h</sup> 32'	8 <sup>h</sup> 32'	9 <sup>h</sup> 2'
M 9	23 9 55	15 <sup>h</sup> 42'52"	23 <sup>h</sup> 47'	25 <sup>h</sup> 50'	19 <sup>h</sup> 26'	4 <sup>h</sup> 28'	6 <sup>h</sup> 7'	9 <sup>h</sup> 54	3 <sup>h</sup> 24	2 <sup>h</sup> 29	0 <sup>h</sup> 12	15 <sup>h</sup> 48'	14 <sup>h</sup> 28'	8 <sup>h</sup> 38'	9 <sup>h</sup> 0'
T 10	23 13 51	16 <sup>h</sup> 41'15"	7 <sup>h</sup> 52'	27 <sup>h</sup> 33'	20 <sup>h</sup> 39'	5 <sup>h</sup> 8'	6 <sup>h</sup> 10'	9 <sup>h</sup> 53	3 <sup>h</sup> 24	2 <sup>h</sup> 29	0 <sup>h</sup> 11	15 <sup>h</sup> 49'	14 <sup>h</sup> 25'	8 <sup>h</sup> 45'	8 <sup>h</sup> 57'
W 11	23 17 48	17 <sup>h</sup> 39'39"	21 <sup>h</sup> 49'	29 <sup>h</sup> 15'	21 <sup>h</sup> 53'	5 <sup>h</sup> 49'	6 <sup>h</sup> 13'	9 <sup>h</sup> 51	3 <sup>h</sup> 24	2 <sup>h</sup> 29	0 <sup>h</sup> 10	15 <sup>h</sup> 50'	14 <sup>h</sup> 22'	8 <sup>h</sup> 52'	8 <sup>h</sup> 55'
T 12	23 21 44	18 <sup>h</sup> 38'06"	5 <sup>h</sup> Q38'	0 <sup>h</sup> 56'	23 <sup>h</sup> 6'	6 <sup>h</sup> 29'	6 <sup>h</sup> 16'	9 <sup>h</sup> 49	3 <sup>h</sup> 24	2 <sup>h</sup> 29	0 <sup>h</sup> 9	15 <sup>h</sup> 52'	14 <sup>h</sup> 19'	8 <sup>h</sup> 59'	8 <sup>h</sup> 52'
F 13	23 25 41	19 <sup>h</sup> 36'35"	19 <sup>h</sup> 18'	2 <sup>h</sup> 35	24 <sup>h</sup> 19'	7 <sup>h</sup> 9'	6 <sup>h</sup> 19'	9 <sup>h</sup> 47	3 <sup>h</sup> D24	2 <sup>h</sup> 29	0 <sup>h</sup> 8	15 <sup>h</sup> R52	14 <sup>h</sup> 16'	9 <sup>h</sup> 5'	8 <sup>h</sup> 49'
S 14	23 29 37	20 <sup>h</sup> 35'05"	2 <sup>h</sup> II46'	4 <sup>h</sup> 14	25 <sup>h</sup> 33'	7 <sup>h</sup> 50'	6 <sup>h</sup> 21'	9 <sup>h</sup> 44	3 <sup>h</sup> 24	2 <sup>h</sup> 29	0 <sup>h</sup> 7	15 <sup>h</sup> 51'	14 <sup>h</sup> 12'	9 <sup>h</sup> 12'	8 <sup>h</sup> 47'
S 15	23 33 34	21 <sup>h</sup> 33'38"	16 <sup>h</sup> 1'	5 <sup>h</sup> 51	26 <sup>h</sup> 46'	8 <sup>h</sup> 31'	6 <sup>h</sup> 23'	9 <sup>h</sup> 42	3 <sup>h</sup> 24	2 <sup>h</sup> D29	0 <sup>h</sup> 5	15 <sup>h</sup> 48'	14 <sup>h</sup> 9'	9 <sup>h</sup> 19'	8 <sup>h</sup> 44'
M 16	23 37 31	22 <sup>h</sup> 32'13"	29 <sup>h</sup> 3'	7 <sup>h</sup> 28	28 <sup>h</sup> 0'	9 <sup>h</sup> 11'	6 <sup>h</sup> 25'	9 <sup>h</sup> 40	3 <sup>h</sup> 24	2 <sup>h</sup> 29	0 <sup>h</sup> 4	15 <sup>h</sup> 43'	14 <sup>h</sup> 6'	9 <sup>h</sup> 25'	8 <sup>h</sup> 42'
T 17	23 41 27	23 <sup>h</sup> 30'49"	11 <sup>h</sup> 50'	9 <sup>h</sup> 3'	29 <sup>h</sup> 13'	9 <sup>h</sup> 52'	6 <sup>h</sup> 27'	9 <sup>h</sup> 37	3 <sup>h</sup> 24	2 <sup>h</sup> 29	0 <sup>h</sup> 3	15 <sup>h</sup> 37'	14 <sup>h</sup> 3'	9 <sup>h</sup> 32'	8 <sup>h</sup> 39'
W 18	23 45 24	24 <sup>h</sup> 29'27"	24 <sup>h</sup> 23'	10 <sup>h</sup> 38'	0 <sup>h</sup> II27'	10 <sup>h</sup> 33'	6 <sup>h</sup> 29'	9 <sup>h</sup> 35	3 <sup>h</sup> 25	2 <sup>h</sup> 29	0 <sup>h</sup> 2	15 <sup>h</sup> 30'	14 <sup>h</sup> 0'	9 <sup>h</sup> 39'	8 <sup>h</sup> 36'
T 19	23 49 20	25 <sup>h</sup> 28'08"	6 <sup>h</sup> II42'	12 <sup>h</sup> 11'	1 <sup>h</sup> 41	11 <sup>h</sup> 14'	6 <sup>h</sup> 30'	9 <sup>h</sup> 32	3 <sup>h</sup> 25	2 <sup>h</sup> 29	0 <sup>h</sup> 1	15 <sup>h</sup> 23'	13 <sup>h</sup> 57'	9 <sup>h</sup> 46'	8 <sup>h</sup> 34'
F 20	23 53 17	26 <sup>h</sup> 26'50"	18 <sup>h</sup> 49'	13 <sup>h</sup> 43'	2 <sup>h</sup> 54	11 <sup>h</sup> 55'	6 <sup>h</sup> 32'	9 <sup>h</sup> 29	3 <sup>h</sup> 25	2 <sup>h</sup> 29	29 <sup>h</sup> Y59	15 <sup>h</sup> 17'	13 <sup>h</sup> 53'	9 <sup>h</sup> 52'	8 <sup>h</sup> 31'
S 21	23 57 13	27 <sup>h</sup> 25'33"	0 <sup>h</sup> Y47'	15 <sup>h</sup> 15'	4 <sup>h</sup> 8'	12 <sup>h</sup> 36'	6 <sup>h</sup> 33'	9 <sup>h</sup> 26	3 <sup>h</sup> 26	2 <sup>h</sup> 30	29 <sup>h</sup> 58	15 <sup>h</sup> 12'	13 <sup>h</sup> 50'	9 <sup>h</sup> 59'	8 <sup>h</sup> 28'
S 22	0 1 10	28 <sup>h</sup> 24'19"	12 <sup>h</sup> 40'	16 <sup>h</sup> 45'	5 <sup>h</sup> 22	13 <sup>h</sup> 17'	6 <sup>h</sup> 34'	9 <sup>h</sup> 23	3 <sup>h</sup> 26	2 <sup>h</sup> 30	29 <sup>h</sup> 57	15 <sup>h</sup> 8'	13 <sup>h</sup> 47'	10 <sup>h</sup> 6'	8 <sup>h</sup> 25'
M 23	0 5 6	29 <sup>h</sup> 23'06"	24 <sup>h</sup> 31'	18 <sup>h</sup> 15'	6 <sup>h</sup> 36	13 <sup>h</sup> 58'	6 <sup>h</sup> 34'	9 <sup>h</sup> 20	3 <sup>h</sup> 26	2 <sup>h</sup> 30	29 <sup>h</sup> 56	15 <sup>h</sup> D 7	13 <sup>h</sup> 44'	10 <sup>h</sup> 12'	8 <sup>h</sup> 23'
T 24	0 9 3	0 <sup>h</sup> 521'55"	6 <sup>h</sup> 326'	19 <sup>h</sup> 43'	7 <sup>h</sup> 50	14 <sup>h</sup> 40'	6 <sup>h</sup> 35'	9 <sup>h</sup> 17	3 <sup>h</sup> 27	2 <sup>h</sup> 30	29 <sup>h</sup> 55	15 <sup>h</sup> 7'	13 <sup>h</sup> 41'	10 <sup>h</sup> 19'	8 <sup>h</sup> 20'
W 25	0 12 59	1 <sup>h</sup> 20'46"	18 <sup>h</sup> 30'	21 <sup>h</sup> 11'	9 <sup>h</sup> 4'	15 <sup>h</sup> 21'	6 <sup>h</sup> 35'	9 <sup>h</sup> 14	3 <sup>h</sup> 28	2 <sup>h</sup> 31	29 <sup>h</sup> 54	15 <sup>h</sup> 8'	13 <sup>h</sup> 38'	10 <sup>h</sup> 26'	8 <sup>h</sup> 17'
T 26	0 16 56	2 <sup>h</sup> 19'39"	0 <sup>h</sup> 547'	22 <sup>h</sup> 37'	10 <sup>h</sup> 18'	16 <sup>h</sup> 3'	6 <sup>h</sup> R35	9 <sup>h</sup> 11	3 <sup>h</sup> 28	2 <sup>h</sup> 31	29 <sup>h</sup> 52	15 <sup>h</sup> 9'	13 <sup>h</sup> 34'	10 <sup>h</sup> 32'	8 <sup>h</sup> 15'
F 27	0 20 53	3 <sup>h</sup> 18'33"	13 <sup>h</sup> 23'	24 <sup>h</sup> 2'	11 <sup>h</sup> 32	16 <sup>h</sup> 44'	6 <sup>h</sup> 35'	9 <sup>h</sup> 7	3 <sup>h</sup> 29	2 <sup>h</sup> 31	29 <sup>h</sup> 51	15 <sup>h</sup> R10	13 <sup>h</sup> 31'	10 <sup>h</sup> 39'	8 <sup>h</sup> 12'
S 28	0 24 49	4 <sup>h</sup> 17'29"	2 <sup>h</sup> 6'21	25 <sup>h</sup> 27'	12 <sup>h</sup> 46'	17 <sup>h</sup> 26'	6 <sup>h</sup> 34'	9 <sup>h</sup> 4	3 <sup>h</sup> 30	2 <sup>h</sup> 32	29 <sup>h</sup> 50	15 <sup>h</sup> 10'	13 <sup>h</sup> 28'	10 <sup>h</sup> 46'	8 <sup>h</sup> 9'
S 29	0 28 46	5 <sup>h</sup> 16'27"	9 <sup>h</sup> Y43'	26 <sup>h</sup> 50'	14 <sup>h</sup> 0'	18 <sup>h</sup> 8'	6 <sup>h</sup> 34'	9 <sup>h</sup> 0	3 <sup>h</sup> 31	2 <sup>h</sup> 32	29 <sup>h</sup> 49	15 <sup>h</sup> 7'	13 <sup>h</sup> 25'	10 <sup>h</sup> 53'	8 <sup>h</sup> 6'
M 30	0 32 42	6 <sup>h</sup> 15'27"	23 <sup>h</sup> Y30'	28 <sup>h</sup> 12'	15 <sup>h</sup> II14	18 <sup>h</sup> II49	6 <sup>h</sup> II33	8 <sup>h</sup> Y57	3 <sup>h</sup> 31	2 <sup>h</sup> 33	29 <sup>h</sup> Y48	15 <sup>h</sup> 2'	13 <sup>h</sup> 22'	10 <sup>h</sup> Y59	8 <sup>h</sup> Y 3

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	8n36	9s39	1n24	8n45	1n35	18n13	0n23	11s29	0s18	20n19	0s57	12n25	2s35	23s44	0s19	22s23	1n 3	15s 8	16s41	16s 2	16s23	26s18	6n 4	2n35
M 2	8 14	3 35	2 32	7 59	1 31	17 55	0 26	11 43	0 19	20 20	0 57	12 24	2 35	23 44	0 19	22 23	1 3 15	8 16	16 41	16 2	16 24	26 19	6 3	2 35
T 3	7 52	2n45	3 33	7 12	1 27	17 38	0 29	11 58	0 20	20 21	0 57	12 23	2 35	23 44	0 19	22 23	1 3 15	9 16	16 41	16 3	16 25	26 20	6 2	2 35
W 4	7 30	9 2	4 22	6 25	1 23	17 20	0 31	12 12	0 21	20 21	0 57	12 23	2 35	23 44	0 19	22 23	1 3 15	9 16	16 41	16 4	16 26	26 20	6 1	2 35
T 5	7 8	14 57	4 56	5 38	1 18	17 1	0 34	12 27	0 21	20 22	0 57	12 22	2 36	23 44	0 19	22 23	1 3 15	10 16	16 42	16 5	16 27	26 21	6 0	2 35
F 6	6 46	20 6	5 12	4 51	1 13	16 42	0 36	12 41	0 22	20 23	0 58	12 22	2 36	23 44	0 19	22 23	1 3 15	11 16	16 42	16 6	16 28	26 22	5 59	2 35
S 7	6 23	24 7	5 9	4 4	1 7	16 23	0 39	12 56	0 23	20 23	0 58	12 21	2 36	23 44	0 19	22 23	1 3 15	11 16	16 42	16 7	16 29	26 23	5 58	2 35
S 8	6 1	26 38	4 47	3 17	1 2	16 3	0 41	13 10	0 23	20 24	0 58	12 20	2 36	23 44	0 19	22 23	1 3 15	12 16	16 42	16 7	16 29	26 23	5 57	2 35
M 9	5 38	27 26	4 7	2 31	0 56	15 42	0 44	13 24	0 24	20 24	0 58	12 19	2 37	23 44	0 19	22 24	1 3 15	12 16	16 42	16 7	16 30	26 24	5 56	2 35
T 10	5 16	26 26	3 13	1 44	0 50	15 21	0 46	13 38	0 25	20 25	0 58	12 19	2 37	23 44	0 19	22 24	1 3 15	13 16	16 42	16 7	16 31	26 25	5 55	2 35
W 11	4 53	23 48	2 8	0 58	0 43	15 0	0 49	13 52	0 25	20 25	0 58	12 18	2 37	23 44	0 18	22 24	1 3 15	13 16	16 42	16 6	16 32	26 26	5 54	2 35
T 12	4 30	19 47	0 56	0 11	0 37	14 38	0 51	14 6	0 26	20 25	0 58	12 17	2 37	23 44	0 18	22 24	1 3 15	14 16	16 42	16 6	16 33	26 26	5 53	2 35
F 13	4 7	14 45	0s19	0s34	0 30	14 16	0 53	14 20	0 27	20 26	0 58	12 16	2 37	23 44	0 18	22 24	1 3 15	14 16	16 42	16 6	16 34	26 27	5 52	2 35
S 14	3 44	9 5	1 31	1 20	0 23	13 53	0 55	14 34	0 27	20 26	0 58	12 15	2 38	23 44	0 18	22 24	1 3 15	15 16	16 43	16 6	16 35	26 28	5 51	2 35
S 15	3 21	3 7	2 37	2 5	0 16	13 30	0 57	14 48	0 28	20 26	0 58	12 14	2 38	23 44	0 18	22 24	1 3 15	15 16	16 43	16 7	16 36	26 28	5 50	2 35
M 16	2 58	2s53	3 33	2 50	0 9	13 7	0 59	15 2	0 29	20 27	0 58	12 13	2 38	23 44	0 18	22 24	1 3 15	16 16	16 43	16 8	16 37	26 29	5 49	2 35
T 17	2 35	8 38	4 18	3 34	0 2	12 43	1 1	15 15	0 29	20 27	0 59	12 12	2 38	23 44	0 18	22 24	1 3 15	16 16	16 43	16 10	16 38	26 30	5 48	2 35
W 18	2 11	13 56	4 49	4 18	0s 6	12 19	1 3	15 29	0 30	20 27	0 59	12 11	2 38	23 44	0 18	22 24	1 3 15	17 16	16 43	16 12	16 39	26 30	5 47	2 35
T 19	1 48	18 34	5 6	5 1	0 13	11 54	1 5	15 42	0 31	20 27	0													

SWISS EPHEMERIS for the year 1822

OCTOBER 1822

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 36 39	7♁14'28	7♁38	29♁33	16♁28	19♁31	6°R32	8°R53	3♁32	2♁33	29°R46	14°R55	13♁18	11♁ 6	8°R 1
W 2	0 40 35	8°13'32	22° 4	0♁53	17°42	20°13	6♁31	8♁49	3°33	2°34	29°R45	14♁47	13°15	11°13	7°R58
T 3	0 44 32	9°12'38	6♁42	2°12	18°57	20°55	6°30	8°45	3°34	2°34	29°44	14°39	13°12	11°19	7°55
F 4	0 48 28	10°11'46	21°22	3°29	20°11	21°37	6°28	8°42	3°35	2°35	29°43	14°31	13° 9	11°26	7°52
S 5	0 52 25	11°10'57	6♁ 0	4°45	21°25	22°20	6°26	8°38	3°36	2°36	29°42	14°24	13° 6	11°33	7°50
S 6	0 56 22	12°10'09	20°28	6° 0	22°40	23° 2	6°24	8°34	3°38	2°36	29°41	14°20	13° 3	11°40	7°47
M 7	1 0 18	13° 9'25	4♁42	7°13	23°54	23°44	6°22	8°30	3°39	2°37	29°39	14°18	12°59	11°46	7°44
T 8	1 4 15	14° 8'42	18°42	8°24	25° 9	24°27	6°20	8°25	3°40	2°38	29°38	14°D18	12°56	11°53	7°41
W 9	1 8 11	15° 8'02	2♁27	9°34	26°23	25° 9	6°17	8°21	3°41	2°39	29°37	14°18	12°53	12° 0	7°39
T 10	1 12 8	16° 7'24	15°57	10°42	27°38	25°52	6°15	8°17	3°43	2°40	29°36	14°R19	12°50	12° 6	7°36
F 11	1 16 4	17° 6'49	29°14	11°47	28°53	26°34	6°12	8°13	3°44	2°40	29°35	14°18	12°47	12°13	7°33
S 12	1 20 1	18° 6'15	12♁19	12°51	0♁ 7	27°17	6° 8	8° 8	3°45	2°41	29°34	14°14	12°44	12°20	7°30
S 13	1 23 57	19° 5'44	25°12	13°52	1°22	28° 0	6° 5	8° 4	3°47	2°42	29°33	14° 8	12°40	12°26	7°28
M14	1 27 54	20° 5'15	7♁55	14°50	2°37	28°43	6° 2	8° 0	3°48	2°43	29°32	13°59	12°37	12°33	7°25
T 15	1 31 51	21° 4'48	20°27	15°45	3°51	29°26	5°58	7°55	3°50	2°44	29°30	13°48	12°34	12°40	7°22
W16	1 35 47	22° 4'23	2♁49	16°38	5° 6	0♁ 9	5°54	7°51	3°52	2°45	29°29	13°35	12°31	12°47	7°20
T 17	1 39 44	23° 4'01	15° 0	17°26	6°21	0°52	5°50	7°46	3°53	2°46	29°28	13°22	12°28	12°53	7°17
F 18	1 43 40	24° 3'40	27° 2	18°11	7°36	1°35	5°46	7°41	3°55	2°47	29°27	13°10	12°24	13° 0	7°14
S 19	1 47 37	25° 3'21	8♁57	18°51	8°51	2°18	5°41	7°37	3°57	2°48	29°26	13° 0	12°21	13° 7	7°12
S 20	1 51 33	26° 3'04	20°47	19°26	10° 5	3° 2	5°36	7°32	3°59	2°49	29°25	12°52	12°18	13°13	7° 9
M21	1 55 30	27° 2'48	2♁36	19°57	11°20	3°45	5°32	7°27	4° 1	2°51	29°24	12°47	12°15	13°20	7° 6
T 22	1 59 26	28° 2'35	14°28	20°21	12°35	4°28	5°27	7°23	4° 2	2°52	29°23	12°44	12°12	13°27	7° 4
W23	2 3 23	29° 2'23	26°28	20°39	13°50	5°12	5°22	7°18	4° 4	2°53	29°22	12°D43	12° 9	13°33	7° 1
T 24	2 7 20	0♁ 2'13	8♁42	20°50	15° 5	5°56	5°16	7°13	4° 6	2°54	29°21	12°R43	12° 5	13°40	6°59
F 25	2 11 16	1° 2'04	21°15	20°R53	16°20	6°39	5°11	7° 8	4° 8	2°55	29°20	12°43	12° 2	13°47	6°56
S 26	2 15 13	2° 1'57	4♁11	20°49	17°35	7°23	5° 5	7° 4	4°11	2°57	29°19	12°42	11°59	13°54	6°54
S 27	2 19 9	3° 1'52	17°35	20°35	18°50	8° 7	4°59	6°59	4°13	2°58	29°18	12°38	11°56	14° 0	6°51
M28	2 23 6	4° 1'48	17°28	20°13	20° 5	8°51	4°53	6°54	4°15	2°59	29°17	12°31	11°53	14° 7	6°49
T 29	2 27 2	5° 1'46	15°49	19°41	21°20	9°35	4°47	6°49	4°17	3° 1	29°16	12°22	11°49	14°14	6°47
W30	2 30 59	6° 1'46	0♁34	18°59	22°36	10°19	4°41	6°44	4°19	3° 2	29°15	12°11	11°46	14°20	6°44
T 31	2 34 55	7♁ 1'48	15♁34	18♁ 9	23♁51	11♁ 3	4♁35	6♁39	4♁22	3♁ 4	29°R14	11♁59	11♁43	14♁27	6°R42

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	2s53	6n46	4n 4	12s55	1s42	6n37	1n23	18s14	0s38	20n27	1s 0	11n56	2s41	23s43	0s18	22s24	1n 2	15s23	16s43	16s23	16s51	26s38	5n32	2n34
W 2	3 16	12 57	4 42	13 30	1 49	6 9	1 24	18 26	0 39	20 26	1 0	11 55	2 41	23 43	0 18	22 24	1 2	15 24	16 43	16 25	16 51	26 39	5 31	2 34
T 3	3 39	18 31	5 2	14 4	1 56	5 41	1 25	18 38	0 39	20 26	1 0	11 54	2 41	23 43	0 18	22 24	1 2	15 24	16 43	16 27	16 52	26 39	5 30	2 34
F 4	4 2	22 59	5 3	14 37	2 3	5 12	1 25	18 50	0 40	20 26	1 0	11 52	2 41	23 43	0 18	22 25	1 2	15 24	16 43	16 30	16 53	26 40	5 29	2 34
S 5	4 26	25 59	4 44	15 9	2 9	4 44	1 26	19 1	0 40	20 26	1 0	11 51	2 41	23 43	0 18	22 25	1 2	15 25	16 43	16 32	16 54	26 40	5 28	2 34
S 6	4 49	27 14	4 7	15 40	2 15	4 15	1 27	19 12	0 41	20 25	1 0	11 50	2 41	23 43	0 18	22 25	1 2	15 25	16 43	16 33	16 55	26 41	5 26	2 34
M 7	5 12	26 38	3 15	16 10	2 22	3 46	1 28	19 24	0 41	20 24	1 0	11 48	2 41	23 43	0 18	22 25	1 2	15 26	16 43	16 33	16 56	26 42	5 25	2 33
T 8	5 35	24 20	2 12	16 39	2 28	3 17	1 28	19 35	0 42	20 24	1 0	11 47	2 41	23 43	0 18	22 25	1 2	15 26	16 42	16 34	16 57	26 42	5 24	2 33
W 9	5 58	20 39	1 3	17 7	2 33	2 48	1 29	19 46	0 42	20 23	1 0	11 45	2 41	23 43	0 18	22 25	1 2	15 26	16 42	16 33	16 58	26 43	5 23	2 33
T 10	6 21	15 56	0s 9	17 33	2 39	2 19	1 29	19 56	0 43	20 23	1 0	11 44	2 42	23 43	0 18	22 25	1 2	15 27	16 42	16 33	16 59	26 43	5 22	2 33
F 11	6 44	10 31	1 19	17 59	2 44	1 49	1 30	20 7	0 44	20 22	1 0	11 42	2 42	23 43	0 18	22 25	1 2	15 27	16 42	16 34	17 0	26 43	5 21	2 33
S 12	7 6	4 44	2 23	18 23	2 48	1 20	1 30	20 17	0 44	20 22	1 0	11 41	2 42	23 43	0 18	22 25	1 1	15 27	16 42	16 35	17 0	26 44	5 19	2 33
S 13	7 29	1s 9	3 19	18 46	2 53	0 50	1 30	20 28	0 45	20 21	1 0	11 39	2 42	23 43	0 18	22 25	1 1	15 28	16 42	16 36	17 1	26 44	5 18	2 33
M14	7 52	6 53	4 5	19 7	2 57	0 21	1 31	20 38	0 45	20 21	1 1	11 38	2 42	23 43	0 18	22 25	1 1	15 28	16 42	16 39	17 2	26 45	5 17	2 33
T 15	8 14	12 16	4 37	19 27	3 0	0s 9	1 31	20 47	0 46	20 20	1 1	11 36	2 42	23 43	0 18	22 25	1 1	15 28	16 42	16 42	17 3	26 45	5 16	2 33
W16	8 36	17 5	4 56	19 45	3 3	0 38	1 31	20 57	0 46	20 19	1 1	11 35	2 42	23 43	0 18	22 25	1 1	15 29	16 42	16 46	17 4	26 46	5 15	2 33
T 17	8 59	21 9	5 1	20 1	3 5	1 8	1 31	21 7	0 47	20 18	1 1	11 33	2 42	23 43	0 18	22 25	1 1	15 29	16 41	16 49	17 5	26 46	5 14	2 32
F 18	9 21	24 16	4 53	20 15	3 7	1 38	1 31	21 16	0 47	20 18	1 1	11 32	2 42	23 43	0 18	22 25	1 1	15 29	16 41	16 53	17 6	26 47	5 12	2 32
S 19	9 42	26 17	4 31	20 27	3 8	2 7	1 30	21 25	0 48	20 17	1 1	11 30	2 42	23 43	0 18	22 25	1 1	15 30	16 41	16 56	17 7	26 47	5 11	2 32
S 20	10 4	27 7	3 59	20 38	3 8	2 37	1 30	21 34	0 48	20 16	1 1	11 29	2 42	23 42	0 18	22 25	1 1	15 30	16 41	16 58	17 8	26 47	5 10	2 32
M21	10 26	26 42	3 16	20 45	3 8	3 7	1 30	21 43	0 49	20 15	1 1	11 27	2 42	23 42	0 18	22 25	1 1	15 30	16 41	17 0	17 9	26 48	5 9	2 32
T 22	10 47	25 4	2 24	20 50	3 6	3 36	1 30	21 52	0 49	20 14	1 1	11 26	2 42	23 42	0 18	22 25	1 1	15 30	16 41	17 0	17 9	26 48	5 8	2 32
W23	11 9	22 16	1 25	20 52	3 3	4 6	1 29	22 0	0 50	20 13	1 1	11 24	2 42	23 42	0 18	22 25	1 1	15 31	16 40	17 1	17 10	26 49	5 7	2 32
T 24	11 30	18 27	0 21	20 52	2 59	4 35	1 29	22 8	0 50	20 12	1 1	11 23	2 42	23 42	0 18	22 25	1 1	15 31	16 40	17 1	17 11	26 49	5 6	2 32
F 25	11 51	13 43	0n45	20 48	2 54	5 5	1 28	22 16	0 50	20 11	1 1	11 21	2 42	23 42	0 18	22 25	1 1	15 31	16 40	17 1	17 12	26 49	5 5	2 31
S 26	12 12	8 16	1 51	20 40	2 47	5 34	1 27	22 24	0 51	20 10	1 1	11 20	2 42	23 42	0 18	22 25	1 1	15 31	16 40	17 1	17 13	26 50	5 3	2 31
S 27	12 32	2 15	2 53	20 28	2 39	6 3	1 27	22 32	0 51	20 9	1 1	11 18	2 42	23 42	0 18	22 25	1 1	15 32	16 40	17 2	17 14	26 50	5 2	2 31
M28	12 53	4n 4	3 47	20 13	2 30	6 32	1 26	22 39	0 52	20 8	1 1	11 16	2 42	23 42	0 18	22 25	1 1	15 32	16 40	17 4	17 15	26 51	5 1	2 31
T 29	13 13	10 22	4 29	19 53	2 18	7 1	1 25	22 46	0 52	20 7	1 1	11 15												

SWISS EPHEMERIS for the year 1822

NOVEMBER 1822

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	2 38 52	8♍ 1°52'	0♈ 40'	17°R10	25♌ 6	11♌ 47	4°R28	6°R35	4♌ 24	3♌ 5	29°R13	11°R48	11♌ 40	14♌ 34	6°R40
S 2	2 42 49	9° 1'58"	15°42'	16♌ 3	26°21'	12°31'	4♈ 21	6♌ 30	4°26'	3° 7	29°R13	11♌ 39	11°37'	14°41'	6°R38
S 3	2 46 45	10° 2'06"	0♉ 30'	14°50'	27°36'	13°15'	4°15'	6°25'	4°29'	3° 8	29°12'	11°33'	11°34'	14°47'	6°35'
M 4	2 50 42	11° 2'16"	15° 0'	13°33'	28°51'	14° 0'	4° 8'	6°20'	4°31'	3°10	29°11'	11°29'	11°30'	14°54'	6°33'
T 5	2 54 38	12° 2'28"	29° 7'	12°14'	0♍ 7	14°44'	4° 1'	6°15'	4°34'	3°11	29°10'	11°27'	11°27'	15° 1'	6°31'
W 6	2 58 35	13° 2'42"	12♌ 52'	10°56'	1°22'	15°28'	3°54'	6°11'	4°36'	3°13	29° 9'	11°27'	11°24'	15° 7'	6°29'
T 7	3 2 31	14° 2'58"	26°16'	9°40'	2°37'	16°13'	3°46'	6° 6'	4°39'	3°14	29° 8'	11°27'	11°21'	15°14'	6°27'
F 8	3 6 28	15° 3'16"	9♈ 21'	8°30'	3°52'	16°58'	3°39'	6° 1'	4°41'	3°16	29° 8'	11°25'	11°18'	15°21'	6°25'
S 9	3 10 24	16° 3'36"	22°10'	7°28'	5° 8'	17°42'	3°32'	5°56'	4°44'	3°18	29° 7'	11°21'	11°15'	15°27'	6°23'
S 10	3 14 21	17° 3'58"	4♌ 47'	6°35'	6°23'	18°27'	3°24'	5°52'	4°47'	3°19	29° 6'	11°14'	11°11'	15°34'	6°21'
M 11	3 18 18	18° 4'22"	17°13'	5°52'	7°38'	19°12'	3°16'	5°47'	4°49'	3°21	29° 5'	11° 4'	11° 8'	15°41'	6°19'
T 12	3 22 14	19° 4'48"	29°30'	5°21'	8°54'	19°56'	3° 9'	5°42'	4°52'	3°23	29° 5'	10°52'	11° 5'	15°47'	6°17'
W 13	3 26 11	20° 5'15"	11♌ 39'	5° 1'	10° 9'	20°41'	3° 1'	5°38'	4°55'	3°25	29° 4'	10°37'	11° 2'	15°54'	6°15'
T 14	3 30 7	21° 5'44"	23°41'	4°D54	11°24'	21°26'	2°53'	5°33'	4°58'	3°26	29° 3'	10°23'	10°59'	16° 1'	6°13'
F 15	3 34 4	22° 6'15"	5♌ 37'	4°57'	12°40'	22°11'	2°45'	5°29'	5° 1'	3°28	29° 3'	10° 9'	10°55'	16° 8'	6°12'
S 16	3 38 0	23° 6'47"	17°29'	5°11'	13°55'	22°56'	2°37'	5°24'	5° 3'	3°30	29° 2'	9°57'	10°52'	16°14'	6°10'
S 17	3 41 57	24° 7'21"	29°17'	5°35'	15°11'	23°42'	2°29'	5°20'	5° 6'	3°32	29° 1'	9°47'	10°49'	16°21'	6° 8'
M 18	3 45 53	25° 7'56"	11♌ 6	6° 8'	16°26'	24°27'	2°21'	5°15'	5° 9'	3°34	29° 1'	9°41'	10°46'	16°28'	6° 7'
T 19	3 49 50	26° 8'33"	22°57'	6°48'	17°41'	25°12'	2°13'	5°11'	5°12'	3°36	29° 0'	9°37'	10°43'	16°34'	6° 5'
W 20	3 53 47	27° 9'10"	4♌ 56'	7°36'	18°57'	25°57'	2° 5'	5° 7'	5°15'	3°38	29° 0'	9°D36	10°40'	16°41'	6° 4'
T 21	3 57 43	28° 9'49"	17° 7'	8°30'	20°12'	26°43'	1°57'	5° 2'	5°18'	3°39	28°59'	9°36'	10°36'	16°48'	6° 2'
F 22	4 1 40	29°10'29"	29°35'	9°30'	21°28'	27°28'	1°49'	4°58'	5°21'	3°41	28°59'	9°R36	10°33'	16°54'	6° 1'
S 23	4 5 36	0♌ 11'10"	12♌ 25'	10°34'	22°43'	28°14'	1°40'	4°54'	5°24'	3°43	28°58'	9°36'	10°30'	17° 1'	5°59'
S 24	4 9 33	1°11'52"	25°42'	11°43'	23°59'	28°59'	1°32'	4°50'	5°27'	3°45	28°58'	9°33'	10°27'	17° 8'	5°58'
M 25	4 13 29	2°12'35"	9♈ 29'	12°55'	25°14'	29°45'	1°24'	4°46'	5°31'	3°47	28°57'	9°28'	10°24'	17°15'	5°57'
T 26	4 17 26	3°13'19"	23°47'	14°10'	26°30'	0♉ 30'	1°16'	4°42'	5°34'	3°49	28°57'	9°21'	10°21'	17°21'	5°56'
W 27	4 21 22	4°14'04"	8♌ 32'	15°28'	27°45'	1°16'	1° 8'	4°38'	5°37'	3°51	28°57'	9°11'	10°17'	17°28'	5°55'
T 28	4 25 19	5°14'51"	23°39'	16°48'	29° 0'	2° 2'	1° 0'	4°34'	5°40'	3°53	28°56'	9° 1'	10°14'	17°35'	5°53'
F 29	4 29 16	6°15'38"	8♈ 57'	18°10'	0♌ 16'	2°48'	0°51'	4°31'	5°43'	3°55	28°56'	8°52'	10°11'	17°41'	5°52'
S 30	4 33 12	7°16'27"	24♈ 15'	19♌ 33'	1♌ 31'	3♌ 33'	0♈ 43'	4♌ 27'	5♌ 47'	3♌ 58	28°55'	8°44'	10°8'	17°48'	5°51'

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
F 1	14s12	24n56	4n44	18s29	1s34	8s27	1n22	23s 6	0s53	20n 4	1s 1	11n10	2s42	23s42	0s18	22s25	1n 1	15s32	16s39	17s16	17s18	26s52	4n57	2n30
S 2	14 31	26 50	4 9	17 52	1 16	8 55	1 21	23 13	0 54	20 2	1 1	11 9	2 42	23 42	0 18	22 25	1 1	15 33	16 38	17 19	17 19	26 52	4 56	2 30
S 3	14 50	26 46	3 18	17 12	0 57	9 23	1 20	23 19	0 54	20 1	1 1	11 7	2 42	23 41	0 18	22 25	1 1	15 33	16 38	17 20	17 20	26 52	4 55	2 30
M 4	15 9	24 51	2 15	16 30	0 37	9 51	1 19	23 24	0 55	20 0	1 1	11 6	2 42	23 41	0 18	22 25	1 1	15 33	16 38	17 21	17 21	26 53	4 54	2 30
T 5	15 28	21 25	1 5	15 47	0 16	10 19	1 18	23 30	0 55	19 59	1 1	11 4	2 42	23 41	0 18	22 25	1 1	15 33	16 38	17 22	17 22	26 53	4 53	2 30
W 6	15 46	16 51	0s 7	15 3	0n 5	10 46	1 16	23 35	0 55	19 57	1 1	11 3	2 42	23 41	0 18	22 25	1 1	15 33	16 37	17 22	17 23	26 53	4 52	2 30
T 7	16 4	11 34	1 17	14 20	0 25	11 13	1 15	23 41	0 56	19 56	1 1	11 1	2 42	23 41	0 18	22 25	1 0	15 33	16 37	17 22	17 24	26 54	4 51	2 30
F 8	16 22	5 53	2 22	13 39	0 44	11 40	1 14	23 45	0 56	19 55	1 1	11 0	2 42	23 41	0 18	22 25	1 0	15 33	16 37	17 22	17 24	26 54	4 50	2 29
S 9	16 40	0 5	3 17	13 2	1 3	12 7	1 12	23 50	0 57	19 53	1 1	10 58	2 42	23 41	0 18	22 25	1 0	15 33	16 37	17 23	17 25	26 54	4 49	2 29
S 10	16 57	5s36	4 2	12 29	1 19	12 33	1 11	23 54	0 57	19 52	1 1	10 57	2 42	23 41	0 18	22 25	1 0	15 33	16 36	17 25	17 26	26 54	4 48	2 29
M 11	17 14	10 59	4 35	12 1	1 34	12 59	1 9	23 59	0 57	19 51	1 0	10 55	2 42	23 41	0 18	22 25	1 0	15 33	16 36	17 28	17 27	26 55	4 47	2 29
T 12	17 31	15 53	4 54	11 38	1 47	13 25	1 7	24 2	0 58	19 49	1 0	10 54	2 41	23 41	0 18	22 25	1 0	15 33	16 36	17 32	17 28	26 55	4 46	2 29
W 13	17 47	20 5	5 0	11 22	1 58	13 50	1 6	24 6	0 58	19 48	1 0	10 53	2 41	23 40	0 18	22 25	1 0	15 33	16 36	17 35	17 29	26 55	4 46	2 29
T 14	18 3	23 25	4 52	11 10	2 7	14 15	1 4	24 9	0 58	19 46	1 0	10 51	2 41	23 40	0 18	22 25	1 0	15 33	16 35	17 39	17 30	26 55	4 45	2 28
F 15	18 19	25 43	4 31	11 5	2 14	14 40	1 2	24 13	0 59	19 45	1 0	10 50	2 41	23 40	0 18	22 25	1 0	15 33	16 35	17 43	17 31	26 56	4 44	2 28
S 16	18 34	26 50	3 59	11 5	2 19	15 4	1 1	24 15	0 59	19 43	1 0	10 48	2 41	23 40	0 18	22 25	1 0	15 33	16 35	17 46	17 31	26 56	4 43	2 28
S 17	18 49	26 44	3 16	11 9	2 23	15 28	0 59	24 18	0 59	19 42	1 0	10 47	2 41	23 40	0 18	22 25	1 0	15 33	16 34	17 49	17 32	26 56	4 42	2 28
M 18	19 4	25 24	2 25	11 18	2 25	15 52	0 57	24 20	1 0	19 40	1 0	10 46	2 41	23 40	0 18	22 25	1 0	15 33	16 34	17 51	17 33	26 56	4 41	2 28
T 19	19 18	22 56	1 27	11 30	2 26	16 15	0 55	24 23	1 0	19 39	1 0	10 44	2 41	23 40	0 18	22 25	1 0	15 33	16 34	17 52	17 34	26 56	4 41	2 27
W 20	19 33	19 27	0 25	11 46	2 26	16 37	0 53	24 24	1 0	19 37	1 0	10 43	2 40	23 40	0 18	22 25	1 0	15 33	16 34	17 52	17 35	26 56	4 40	2 27
T 21	19 46	15 5	0n40	12 5	2 24	17 0	0 51	24 26	1 1	19 36	1 0	10 42	2 40	23 40	0 18	22 25	1 0	15 33	16 33	17 52	17 36	26 57	4 39	2 27
F 22	20 0	10 0	1 44	12 26	2 22	17 21	0 49	24 27	1 1	19 34	1 0	10 41	2 40	23 39	0 18	22 25	1 0	15 33	16 33	17 52	17 37	26 57	4 38	2 27
S 23	20 13	4 22	2 45	12 49	2 19	17 43	0 47	24 28	1 1	19 33	0 59	10 39	2 40	23 39	0 18	22 25	1 0	15 33	16 33	17 52	17 37	26 57	4 38	2 27
S 24	20 25	1n39	3 39	13 13	2 15	18 4	0 45	24 29	1 1	19 31	0 59	10 38	2 40	23 39	0 18	22 25	1 0	15 33	16 32	17 53	17 38	26 57	4	

SWISS EPHEMERIS for the year 1822

DECEMBER 1822

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁
S 1	4 37 9	8♁17'17	9♁23	20♁58	2♁47	4♁19	0°R35	4°R23	5♁50	4♁0	28°R55	8°R38	10♁5	17♁55	5°R50
M 2	4 41 5	9°18'09	24°11	22°24	4° 2	5° 5	0II27	4♁20	5°53	4° 2	28♁55	8♁35	10° 1	18° 1	5°P50
T 3	4 45 2	10°19'01	8♁34	23°51	5°18	5°51	0°19	4°16	5°57	4° 4	28°55	8°D34	9°58	18° 8	5°49
W 4	4 48 58	11°19'55	22°29	25°19	6°33	6°37	0°11	4°13	6° 0	4° 6	28°54	8°34	9°55	18°15	5°48
T 5	4 52 55	12°20'51	5♁59	26°48	7°49	7°23	0° 4	4°10	6° 3	4° 8	28°54	8°35	9°52	18°22	5°47
F 6	4 56 51	13°21'47	19° 5	28°17	9° 4	8° 9	29♁56	4° 7	6° 7	4°10	28°54	8°R35	9°49	18°28	5°47
S 7	5 0 48	14°22'45	1♁50	29°47	10°20	8°55	29°48	4° 3	6°10	4°12	28°54	8°33	9°46	18°35	5°46
S 8	5 4 45	15°23'43	14°19	1♁17	11°35	9°42	29°41	4° 0	6°13	4°15	28°54	8°29	9°42	18°42	5°45
M 9	5 8 41	16°24'43	26°35	2°48	12°51	10°28	29°33	3°58	6°17	4°17	28°54	8°23	9°39	18°48	5°45
T 10	5 12 38	17°25'45	8♁41	4°19	14° 6	11°14	29°26	3°55	6°20	4°19	28°53	8°15	9°36	18°55	5°44
W 11	5 16 34	18°26'47	20°40	5°50	15°22	12° 1	29°18	3°52	6°24	4°21	28°53	8° 5	9°33	19° 2	5°44
T 12	5 20 31	19°27'50	2♁35	7°22	16°38	12°47	29°11	3°49	6°27	4°23	28°53	7°55	9°30	19° 8	5°44
F 13	5 24 27	20°28'54	14°26	8°53	17°53	13°33	29° 4	3°47	6°31	4°26	28°53	7°45	9°27	19°15	5°43
S 14	5 28 24	21°29'58	26°16	10°25	19° 9	14°20	28°57	3°44	6°34	4°28	28°D53	7°37	9°23	19°22	5°43
S 15	5 32 21	22°31'04	8♁ 6	11°57	20°24	15° 6	28°50	3°42	6°38	4°30	28°53	7°30	9°20	19°28	5°43
M 16	5 36 17	23°32'10	19°58	13°30	21°40	15°53	28°43	3°40	6°41	4°32	28°53	7°26	9°17	19°35	5°43
T 17	5 40 14	24°33'16	1♁55	15° 2	22°55	16°40	28°36	3°38	6°45	4°34	28°53	7°D24	9°14	19°42	5°43
W 18	5 44 10	25°34'23	13°58	16°35	24°11	17°26	28°30	3°35	6°48	4°37	28°53	7°25	9°11	19°49	5°D43
T 19	5 48 7	26°35'30	26°12	18° 8	25°26	18°13	28°24	3°34	6°52	4°39	28°54	7°26	9° 7	19°55	5°43
F 20	5 52 3	27°36'37	8♁41	19°41	26°42	19° 0	28°17	3°32	6°55	4°41	28°54	7°27	9° 4	20° 2	5°43
S 21	5 56 0	28°37'44	21°28	21°14	27°57	19°46	28°11	3°30	6°59	4°43	28°54	7°29	9° 1	20° 9	5°43
S 22	5 59 56	29°38'52	4°P38	22°48	29°13	20°33	28° 5	3°28	7° 2	4°46	28°54	7°R29	8°58	20°15	5°43
M 23	6 3 53	0♁39'59	18°14	24°21	0♁28	21°20	28° 0	3°27	7° 6	4°48	28°54	7°27	8°55	20°22	5°44
T 24	6 7 50	1°41'07	2♁18	25°55	1°44	22° 7	27°54	3°25	7°10	4°50	28°55	7°24	8°52	20°29	5°44
W 25	6 11 46	2°42'15	16°49	27°29	2°59	22°54	27°49	3°24	7°13	4°53	28°55	7°20	8°48	20°35	5°44
T 26	6 15 43	3°43'23	1II43	29° 4	4°15	23°40	27°43	3°23	7°17	4°55	28°55	7°15	8°45	20°42	5°45
F 27	6 19 39	4°44'31	16°53	0♁38	5°30	24°27	27°38	3°22	7°20	4°57	28°55	7°10	8°42	20°49	5°45
S 28	6 23 36	5°45'39	2♁ 9	2°13	6°46	25°14	27°33	3°21	7°24	4°59	28°56	7° 6	8°39	20°55	5°46
S 29	6 27 32	6°46'47	17°20	3°48	8° 1	26° 1	27°28	3°20	7°28	5° 2	28°56	7° 3	8°36	21° 2	5°47
M 30	6 31 29	7°47'55	2♁18	5°24	9°17	26°48	27°24	3°19	7°31	5° 4	28°56	7°D 2	8°33	21° 9	5°47
T 31	6 35 25	8♁49'04	16♁54	7♁ 0	10♁32	27♁35	27♁19	3♁18	7♁35	5♁ 6	28♁57	7♁ 2	8♁29	21♁15	5°P48

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	21s43	25n37	2n29	16s29	1n35	20s15	0n29	24s27	1s 3	19n21	0s58	10n31	2s38	23s38	0s18	22s24	1n 0	15s32	16s30	18s 7	17s44	26s58	4n33	2n25
M 2	21 52	22 33	1 16	16 58	1 28	20 32	0 27	24 25	1 3	19 19	0 58	10 30	2 38	23 38	0 18	22 24	1 0	15 32	16 30	18 8	17 45	26 58	4 32	2 25
T 3	22 1 18	8 0	0 17	17 27	1 21	20 48	0 25	24 24	1 4	19 18	0 58	10 29	2 38	23 38	0 18	22 24	1 0	15 31	16 29	18 8	17 46	26 58	4 32	2 25
W 4	22 10 12	52 1s14	17 55	1 14	21 3	0 23	24 22	1 4	19 16	0 58	10 28	2 38	23 38	0 18	22 24	1 0	15 31	16 29	18 8	17 47	26 58	4 31	2 25	
T 5	22 18 7	8 2	21 18	23 1	7 21	18 0	20 24	19 1	4 19	15 0	58 10	27 2	38 23	38 0	18 22	24 1	0 15	31 16	29 18	8 17	48 26	58 4	31 2	24
F 6	22 26 1	16 3	19 18	50 0	59 21	32 0	18 24	17 1	4 19	13 0	57 10	26 2	37 23	37 0	18 22	24 1	0 15	31 16	28 18	8 17	49 26	58 4	30 2	24
S 7	22 33 4s29	4 6	19 17	0 52	21 46	0 15	24 14	1 4	19 12	0 57	10 25	2 37	23 37	0 18	22 24	1 0	15 30	16 28	18 8	17 49	26 58	4 30	2 24	
S 8	22 40 9	56 4	40 19	43 0	45 21	59 0	13 24	11 1	5 19	10 0	57 10	24 2	37 23	37 0	18 22	24 1	0 15	30 16	28 18	10 17	50 26	58 4	29 2	24
M 9	22 46 14	55 5	0 20	8 0	37 22	11 0	11 24	8 1	5 19	9 0	57 10	24 2	37 23	37 0	18 22	24 1	0 15	30 16	27 18	11 17	51 26	58 4	29 2	24
T 10	22 52 19	14 5	6 20	32 0	30 22	23 0	8 24	4 1	5 19	8 0	57 10	23 2	36 23	37 0	18 22	24 1	0 15	30 16	27 18	13 17	52 26	58 4	29 2	23
W 11	22 58 22	44 4	59 20	56 0	23 22	34 0	6 24	0 1	5 19	6 0	57 10	22 2	36 23	37 0	18 22	24 1	0 15	29 16	27 18	16 17	53 26	58 4	28 2	23
T 12	23 3 25	15 4	39 21	18 0	16 22	44 0	3 23	56 1	5 19	5 0	56 10	22 2	36 23	36 0	18 22	24 1	0 15	29 16	26 18	19 17	54 26	58 4	28 2	23
F 13	23 7 26	38 4	6 21	40 0	8 22	54 0	1 23	51 1	5 19	3 0	56 10	21 2	36 23	36 0	18 22	24 1	0 15	29 16	26 18	21 17	54 26	58 4	28 2	23
S 14	23 11 26	48 3	24 22	1 0	1 23	2 0s	1 23	47 1	6 19	2 0	56 10	20 2	35 23	36 0	18 22	24 1	0 15	28 16	26 18	23 17	55 26	58 4	27 2	23
S 15	23 15 25	44 3	32 22	20 0s	6 23	23 11 0	4 23	42 1	6 19	1 0	56 10	20 2	35 23	36 0	18 22	24 1	0 15	28 16	25 18	25 17	56 26	58 4	27 2	22
M 16	23 18 23	31 1	33 22	39 0	13 23	18 0	6 23	36 1	6 19	0 0	56 10	19 2	35 23	36 0	18 22	24 1	0 59	15 28	16 25	18 26	17 57	26 58	4 27	2 22
T 17	23 21 20	14 0	30 22	57 0	19 23	25 0	8 23	31 1	6 18	58 0	55 10	19 2	35 23	36 0	18 22	24 1	0 59	15 27	16 24	18 26	17 58	26 58	4 27	2 22
W 18	23 23 16	5 0n36	23 13	0 26	23 31 0	11 23	25 1	6 18	57 0	55 10	18 2	34 23	35 0	18 22	24 1	0 59	15 27	16 24	18 26	17 59	26 58	4 26	2 22	
T 19	23 25 21	11 13	1 40	23 29 0	33 23	36 0	13 23	19 1	6 18	56 0	55 10	18 2	34 23	35 0	18 22	24 1	0 59	15 27	16 24	18 26	18 0	26 58	4 26	2 22
F 20	23 27 5	49 2	42 23	43 0	39 23	41 0	16 23	13 1	6 18	55 0	55 10	18 2	34 23	35 0	18 22	23 0	0 59	15 26	16 23	18 26	18 0	26 58	4 26	2 21
S 21	23 27 0	4 3	37 23	56 0	45 23	45 0	18 23	6 1	6 18	54 0	54 10	17 2	33 23	35 0	18 22	23 0	0 59	15 26	16 23	18 25	18 1	26 58	4 26	2 21
S 22	23 28 5n51	4 22	24 7 0	51 23	48 0	20 22	59 1	7 18	52 0	54 10	17 2	33 23	35 0	18 22	23 0	0 59	15 26	16 23	18 25	18 2	26 58	4 26	2 21	
M 23	23 28 11	41 4	54 24	18 0	57 23	50 0	23 22	52 1	7 18	51 0	54 10	17 2	33 23	35 0	18 22	23 0	0 59	15 25	16 22	18 26	18 3	26 58	4 26	2 21
T 24	23 27 17	8 5	10 24	27 1	3 23	52 0	25 22	45 1	7 18	50 0	54 10	17 2	33 23	34 0	18 22	23 0	0 59	15 25	16 22	18 26	18 4	26 58	4 26	2 21
W 25	23 26 21	47 5	7 24	35 1	9 23	53 0	27 22	37 1	7 18	49 0	53 10	16 2	32 23	34 0	18 22	23 0	0 59	15 24	16 22	18 27	18 5	26 58	4 26	2 20
T 26	23 25 25	10 4	44 24	42 1	14 23	53 0	29 22	29 1	7 18	48 0	53 10	16 2	32 23	34 0	18 22	23 0	0 59	15 24	16 21	18 29	18 5	26 58	4 26	2 20
F 27	23 23 26	48 4	0 24	47 1	19 23	53 0	32 22	21 1	7 18	48 0	53 10	16 2	32 23	34 0	18 22	23 0	0 59	15 23	16 21	18 30	18 6	26 57	4 26	2 20
S 28	23 20 26	26 2	59 24	51 1	24 23	51 0	34 22	12 1	7 18	47 0	53 10	16 2	32 23	34 0	18 22	23 0	0 59	15 23	16 21	18 31	18 7	26 57	4 26	2 20
S 29	23 17 24	5 1	46 24	54 1	29 23																			