

SWISS EPHEMERIS for the year 1902
heliocentric

JANUARY 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
W 1	6 38 50	9 ⁵³ 39'12	9 ⁵⁶ 48	7 ³⁰ 20	12 ¹¹ 30	12 ²² 56	23 ³³ 38	18 ³³ 29	17 ²⁷ 23	0 ⁰⁸ 8	17 ¹¹ 44	7 ³¹ 18
T 2	6 42 47	10°40'22	10°50	10°13	14° 6	13°34	23°43	18°31	17°24	0° 8	17°44	7°20
F 3	6 46 43	11°41'32	11°51	13° 7	15°43	14°12	23°48	18°33	17°24	0° 9	17°45	7°21
S 4	6 50 40	12°42'43	12°51	16° 4	17°20	14°50	23°53	18°35	17°25	0° 9	17°45	7°23
S 5	6 54 36	13°43'53	13°52	19° 3	18°57	15°27	23°58	18°37	17°26	0°10	17°45	7°24
M 6	6 58 33	14°45'04	14°52	22° 5	20°33	16° 5	24° 3	18°38	17°26	0°10	17°45	7°26
T 7	7 2 30	15°46'15	15°51	25°10	22°10	16°43	24° 8	18°40	17°27	0°10	17°45	7°27
W 8	7 6 26	16°47'25	16°51	28°18	23°47	17°21	24°13	18°42	17°28	0°11	17°45	7°29
T 9	7 10 23	17°48'36	17°50	1 ²² 29	25°24	17°59	24°18	18°44	17°28	0°11	17°46	7°30
F 10	7 14 19	18°49'46	18°50	4°45	27° 1	18°36	24°24	18°46	17°29	0°11	17°46	7°32
S 11	7 18 16	19°50'57	19°49	8° 4	28°38	19°14	24°29	18°48	17°30	0°12	17°46	7°33
S 12	7 22 12	20°52'06	20°48	11°28	0 ⁰⁸ 15	19°52	24°34	18°49	17°31	0°12	17°46	7°35
M13	7 26 9	21°53'15	21°48	14°56	1°52	20°30	24°39	18°51	17°31	0°13	17°46	7°36
T 14	7 30 6	22°54'24	22°48	18°30	3°29	21° 8	24°44	18°53	17°32	0°13	17°46	7°38
W15	7 34 2	23°55'32	23°48	22° 9	5° 6	21°46	24°49	18°55	17°33	0°13	17°47	7°39
T 16	7 37 59	24°56'39	24°48	25°54	6°43	22°24	24°54	18°57	17°33	0°14	17°47	7°40
F 17	7 41 55	25°57'45	25°49	29°45	8°20	23° 2	24°59	18°58	17°34	0°14	17°47	7°42
S 18	7 45 52	26°58'51	26°50	3 ³⁸ 43	9°57	23°40	25° 4	19° 0	17°35	0°14	17°47	7°43
S 19	7 49 48	27°59'56	27°52	7°47	11°35	24°18	25° 9	19° 2	17°36	0°15	17°47	7°45
M20	7 53 45	29° 0'59	28°54	11°59	13°12	24°56	25°15	19° 4	17°36	0°15	17°47	7°46
T 21	7 57 41	0 ⁰¹ 2'02	29°56	16°18	14°49	25°34	25°20	19° 6	17°37	0°15	17°48	7°48
W22	8 1 38	1° 3'04	0 ⁰¹ 59	20°46	16°26	26°12	25°25	19° 7	17°38	0°16	17°48	7°49
T 23	8 5 35	2° 4'05	2° 2	25°21	18° 4	26°50	25°30	19° 9	17°38	0°16	17°48	7°51
F 24	8 9 31	3° 5'06	3° 5	0 ⁰¹ 6	19°41	27°28	25°35	19°11	17°39	0°17	17°48	7°52
S 25	8 13 28	4° 6'05	4° 8	4°59	21°18	28° 6	25°40	19°13	17°40	0°17	17°48	7°54
S 26	8 17 24	5° 7'04	5°11	10° 1	22°55	28°44	25°45	19°15	17°41	0°17	17°48	7°55
M27	8 21 21	6° 8'01	6°14	15°13	24°33	29°22	25°50	19°17	17°41	0°18	17°49	7°57
T 28	8 25 17	7° 8'58	7°16	20°33	26°10	0 ⁰¹ 0	25°56	19°18	17°42	0°18	17°49	7°58
W29	8 29 14	8° 9'55	8°18	26° 3	27°48	0°38	26° 1	19°20	17°43	0°18	17°49	8° 0
T 30	8 33 10	9°10'50	9°20	1 ⁰⁸ 41	29°25	1°16	26° 6	19°22	17°43	0°19	17°49	8° 1
F 31	8 37 7	10 ⁰¹ 11'45	10 ⁰¹ 21	7 ⁰⁸ 27	1 ⁰¹ 2	1 ⁰¹ 54	26 ⁰³ 11	19 ⁰³ 24	17 ⁰⁴ 44	0 ⁰⁸ 19	17 ⁰¹ 49	8 ⁰³ 3

Delta T = -0.07 sec.

FEBRUARY 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
S 1	8 41 4	11 ⁰¹ 12'40	11 ⁰¹ 22	13 ⁰⁸ 22	2 ⁰¹ 40	2 ⁰¹ 33	26 ⁰³ 16	19 ⁰³ 26	17 ⁰⁴ 45	0 ⁰⁸ 19	17 ⁰¹ 49	8 ⁰³ 4
S 2	8 45 0	12°13'33	12°23	19°23	4°17	3°11	26°21	19°27	17°46	0°20	17°50	8° 5
M 3	8 48 57	13°14'26	13°23	25°30	5°55	3°49	26°26	19°29	17°46	0°20	17°50	8° 7
T 4	8 52 53	14°15'17	14°23	1 ¹¹ 42	7°32	4°27	26°31	19°31	17°47	0°21	17°50	8° 8
W 5	8 56 50	15°16'08	15°22	7°59	9°10	5° 5	26°37	19°33	17°48	0°21	17°50	8°10
T 6	9 0 46	16°16'58	16°22	14°17	10°47	5°43	26°42	19°35	17°48	0°21	17°50	8°11
F 7	9 4 43	17°17'46	17°21	20°36	12°25	6°21	26°47	19°36	17°49	0°22	17°50	8°13
S 8	9 8 39	18°18'34	18°20	26°55	14° 2	6°59	26°52	19°38	17°50	0°22	17°51	8°14
S 9	9 12 36	19°19'20	19°19	3 ⁰⁸ 11	15°40	7°37	26°57	19°40	17°51	0°22	17°51	8°16
M10	9 16 33	20°20'05	20°17	9°24	17°17	8°15	27° 2	19°42	17°51	0°23	17°51	8°17
T 11	9 20 29	21°20'48	21°16	15°32	18°55	8°53	27° 7	19°44	17°52	0°23	17°51	8°19
W12	9 24 26	22°21'30	22°16	21°34	20°33	9°32	27°12	19°46	17°53	0°23	17°51	8°20
T 13	9 28 22	23°22'10	23°15	27°28	22°10	10°10	27°18	19°47	17°53	0°24	17°51	8°22
F 14	9 32 19	24°22'49	24°15	3 ⁰¹ 15	23°48	10°48	27°23	19°49	17°54	0°24	17°52	8°23
S 15	9 36 15	25°23'25	25°15	8°53	25°25	11°26	27°28	19°51	17°55	0°25	17°52	8°25
S 16	9 40 12	26°24'00	26°15	14°21	27° 3	12° 4	27°33	19°53	17°56	0°25	17°52	8°26
M17	9 44 8	27°24'34	27°16	19°40	28°40	12°42	27°38	19°55	17°56	0°25	17°52	8°27
T 18	9 48 5	28°25'05	28°18	24°50	0 ⁰¹ 18	13°20	27°43	19°56	17°57	0°26	17°52	8°29
W19	9 52 1	29°25'35	29°19	29°49	1°55	13°58	27°48	19°58	17°58	0°26	17°52	8°30
T 20	9 55 58	0 ⁰¹ 26'03	0 ⁰¹ 21	4 ⁰¹ 39	3°33	14°36	27°53	20° 0	17°58	0°26	17°53	8°32
F 21	9 59 55	1°26'28	1°24	9°20	5°10	15°14	27°59	20° 2	17°59	0°27	17°53	8°33
S 22	10 3 51	2°26'53	2°26	13°52	6°48	15°52	28° 4	20° 4	18° 0	0°27	17°53	8°35
S 23	10 7 48	3°27'15	3°28	18°15	8°25	16°30	28° 9	20° 6	18° 0	0°27	17°53	8°36
M24	10 11 44	4°27'36	4°30	22°30	10° 3	17° 8	28°14	20° 7	18° 1	0°28	17°53	8°38
T 25	10 15 41	5°27'55	5°32	26°37	11°40	17°46	28°19	20° 9	18° 2	0°28	17°53	8°39
W26	10 19 37	6°28'13	6°34	0 ⁰¹ 36	13°18	18°23	28°24	20°11	18° 3	0°29	17°53	8°41
T 27	10 23 34	7°28'29	7°36	4°29	14°55	19° 1	28°29	20°13	18° 3	0°29	17°54	8°42
F 28	10 27 30	8 ⁰¹ 28'44	8 ⁰¹ 37	8 ⁰¹ 15	16 ⁰¹ 32	19 ⁰¹ 39	28 ⁰³ 35	20 ⁰³ 15	18 ⁰⁴ 4	0 ⁰⁸ 29	17 ⁰¹ 54	8 ⁰³ 43

Delta T = 0.04 sec.

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SWISS EPHEMERIS for the year 1902
heliocentric

MARCH 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
S 1	10 31 27	9 ^m 28'57	9 ^m 38	11 ^h 54	18 ^m 10	20 ^h 17	28 ^h 40	20 ^h 16	18 ^h 5	0 ^h 30	17 ^h 54	8 ^h 45
S 2	10 35 24	10°29'08	10°38	15°28	19°47	20°55	28°45	20°18	18° 5	0°30	17°54	8°46
M 3	10 39 20	11°29'18	11°39	18°57	21°24	21°33	28°50	20°20	18° 6	0°30	17°54	8°48
T 4	10 43 17	12°29'27	12°38	22°20	23° 2	22°10	28°55	20°22	18° 7	0°31	17°54	8°49
W 5	10 47 13	13°29'34	13°38	25°39	24°39	22°48	29° 0	20°24	18° 8	0°31	17°55	8°51
T 6	10 51 10	14°29'39	14°37	28°54	26°16	23°26	29° 5	20°25	18° 8	0°31	17°55	8°52
F 7	10 55 6	15°29'43	15°35	2 ^m 5	27°53	24° 4	29°11	20°27	18° 9	0°32	17°55	8°54
S 8	10 59 3	16°29'45	16°34	5°12	29°30	24°41	29°16	20°29	18°10	0°32	17°55	8°55
S 9	11 2 59	17°29'45	17°32	8°16	1 ^h 7	25°19	29°21	20°31	18°10	0°33	17°55	8°57
M10	11 6 56	18°29'43	18°30	11°17	2°45	25°57	29°26	20°33	18°11	0°33	17°55	8°58
T 11	11 10 53	19°29'39	19°28	14°15	4°22	26°34	29°31	20°35	18°12	0°33	17°56	8°59
W12	11 14 49	20°29'34	20°26	17°11	5°59	27°12	29°36	20°36	18°13	0°34	17°56	9° 1
T 13	11 18 46	21°29'26	21°24	20° 5	7°36	27°49	29°41	20°38	18°13	0°34	17°56	9° 2
F 14	11 22 42	22°29'16	22°23	22°56	9°13	28°27	29°47	20°40	18°14	0°34	17°56	9° 4
S 15	11 26 39	23°29'04	23°21	25°47	10°50	29° 4	29°52	20°42	18°15	0°35	17°56	9° 5
S 16	11 30 35	24°28'50	24°20	28°35	12°26	29°42	29°57	20°44	18°15	0°35	17°56	9° 7
M17	11 34 32	25°28'33	25°20	1 ^h 23	14° 3	0 ^h 19	0 ^h 2	20°45	18°16	0°35	17°57	9° 8
T 18	11 38 28	26°28'14	26°20	4° 9	15°40	0°57	0° 7	20°47	18°17	0°36	17°57	9°10
W19	11 42 25	27°27'53	27°20	6°55	17°17	1°34	0°12	20°49	18°18	0°36	17°57	9°11
T 20	11 46 22	28°27'30	28°21	9°40	18°53	2°11	0°17	20°51	18°18	0°37	17°57	9°12
F 21	11 50 18	29°27'04	29°22	12°25	20°30	2°49	0°23	20°53	18°19	0°37	17°57	9°14
S 22	11 54 15	0 ^h 26'36	0 ^h 23	15° 9	22° 7	3°26	0°28	20°54	18°20	0°37	17°57	9°15
S 23	11 58 11	1°26'06	1°24	17°54	23°43	4° 3	0°33	20°56	18°20	0°38	17°58	9°17
M24	12 2 8	2°25'33	2°25	20°39	25°20	4°40	0°38	20°58	18°21	0°38	17°58	9°18
T 25	12 6 4	3°24'59	3°27	23°25	26°56	5°18	0°43	21° 0	18°22	0°38	17°58	9°20
W26	12 10 1	4°24'22	4°28	26°11	28°33	5°55	0°48	21° 2	18°22	0°39	17°58	9°21
T 27	12 13 57	5°23'44	5°29	28°58	0 ^m 9	6°32	0°54	21° 4	18°23	0°39	17°58	9°23
F 28	12 17 54	6°23'04	6°29	1 ^h 34	1°45	7° 9	0°59	21° 5	18°24	0°39	17°58	9°24
S 29	12 21 50	7°22'22	7°30	4°35	3°22	7°46	1° 4	21° 7	18°25	0°40	17°59	9°25
S 30	12 25 47	8°21'38	8°30	7°26	4°58	8°23	1° 9	21° 9	18°25	0°40	17°59	9°27
M31	12 29 44	9 ^h 20'53	9 ^h 30	10 ^h 18	6 ^m 34	9 ^h 0	1 ^h 14	21 ^h 11	18 ^h 26	0 ^h 41	17 ^h 59	9 ^h 28

Delta T = 0.14 sec.

APRIL 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
T 1	12 33 40	10 ^h 20'05	10 ^h 29	13 ^h 13	8 ^m 10	9 ^h 37	1 ^h 19	21 ^h 13	18 ^h 27	0 ^h 41	17 ^h 59	9 ^h 30
W 2	12 37 37	11°19'16	11°28	16°10	9°46	10°14	1°25	21°14	18°27	0°41	17°59	9°31
T 3	12 41 33	12°18'25	12°27	19° 9	11°23	10°50	1°30	21°16	18°28	0°42	17°59	9°33
F 4	12 45 30	13°17'32	13°25	22°11	12°59	11°27	1°35	21°18	18°29	0°42	18° 0	9°34
S 5	12 49 26	14°16'38	14°23	25°16	14°35	12° 4	1°40	21°20	18°30	0°42	18° 0	9°35
S 6	12 53 23	15°15'41	15°21	28°24	16°10	12°41	1°45	21°22	18°30	0°43	18° 0	9°37
M 7	12 57 19	16°14'43	16°18	1 ^h 35	17°46	13°17	1°50	21°24	18°31	0°43	18° 0	9°38
T 8	13 1 16	17°13'43	17°15	4°51	19°22	13°54	1°55	21°25	18°32	0°43	18° 0	9°40
W 9	13 5 13	18°12'40	18°12	8°10	20°58	14°31	2° 1	21°27	18°32	0°44	18° 0	9°41
T 10	13 9 9	19°11'36	19° 9	11°34	22°34	15° 7	2° 6	21°29	18°33	0°44	18° 1	9°43
F 11	13 13 6	20°10'30	20° 6	15° 3	24° 9	15°44	2°11	21°31	18°34	0°45	18° 1	9°44
S 12	13 17 2	21° 9'21	21° 3	18°37	25°45	16°20	2°16	21°33	18°35	0°45	18° 1	9°46
S 13	13 20 59	22° 8'11	22° 1	22°16	27°21	16°56	2°21	21°34	18°35	0°45	18° 1	9°47
M14	13 24 55	23° 6'58	22°59	26° 1	28°56	17°33	2°27	21°36	18°36	0°46	18° 1	9°48
T 15	13 28 52	24° 5'43	23°57	29°52	0 ^h 32	18° 9	2°32	21°38	18°37	0°46	18° 1	9°50
W16	13 32 48	25° 4'25	24°56	3 ^h 50	2° 7	18°45	2°37	21°40	18°37	0°46	18° 1	9°51
T 17	13 36 45	26° 3'05	25°55	7°55	3°43	19°21	2°42	21°42	18°38	0°47	18° 2	9°53
F 18	13 40 42	27° 1'43	26°54	12° 7	5°18	19°58	2°47	21°43	18°39	0°47	18° 2	9°54
S 19	13 44 38	28° 0'19	27°54	16°26	6°54	20°34	2°52	21°45	18°40	0°47	18° 2	9°56
S 20	13 48 35	28°58'52	28°54	20°54	8°29	21°10	2°58	21°47	18°40	0°48	18° 2	9°57
M21	13 52 31	29°57'24	29°54	25°30	10° 4	21°46	3° 3	21°49	18°41	0°48	18° 2	9°58
T 22	13 56 28	0 ^m 55'53	0 ^m 54	0 ^h 15	11°40	22°22	3° 8	21°51	18°42	0°49	18° 2	10° 0
W23	14 0 24	1°54'21	1°55	5° 8	13°15	22°58	3°13	21°53	18°42	0°49	18° 3	10° 1
T 24	14 4 21	2°52'46	2°55	10°11	14°50	23°33	3°18	21°54	18°43	0°49	18° 3	10° 3
F 25	14 8 17	3°51'10	3°55	15°22	16°25	24° 9	3°23	21°56	18°44	0°50	18° 3	10° 4
S 26	14 12 14	4°49'33	4°55	20°43	18° 1	24°45	3°29	21°58	18°44	0°50	18° 3	10° 6
S 27	14 16 10	5°47'53	5°55	26°13	19°36	25°21	3°34	22° 0	18°45	0°50	18° 3	10° 7
M28	14 20 7	6°46'12	6°54	1 ^h 51	21°11	25°56	3°39	22° 2	18°46	0°51	18° 3	10° 8
T 29	14 24 4	7°44'30	7°53	7°38	22°46	26°32	3°44	22° 3	18°47	0°51	18° 4	10°10
W30	14 28 0	8 ^m 42'45	8 ^m 52	13 ^h 33	24 ^h 21	27 ^h 8	3 ^h 49	22 ^h 5	18 ^h 47	0 ^h 51	18 ^h 4	10 ^h 11

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SWISS EPHEMERIS for the year 1902
heliocentric

MAY 1902

00:00 UT

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

Delta T = 0.35 sec.

JUNE 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
S 1	16 34 10	9♄33'35	9♄42	25♄45	14♁58	15♃37	6♁36	23♁3	19♄10	1♁3	18♁9	10♃57
M 2	16 38 6	10°31'05	10°38	29° 0	16°33	16°11	6°41	23° 5	19°11	1° 3	18° 9	10°58
T 3	16 42 3	11°28'33	11°34	2♁11	18° 7	16°44	6°46	23° 7	19°11	1° 4	18° 9	10°59
W 4	16 46 0	12°26'01	12°30	5°18	19°42	17°18	6°51	23° 9	19°12	1° 4	18°10	11° 1
T 5	16 49 56	13°23'29	13°26	8°22	21°17	17°51	6°56	23°11	19°13	1° 5	18°10	11° 2
F 6	16 53 53	14°20'55	14°21	11°23	22°52	18°25	7° 2	23°13	19°14	1° 5	18°10	11° 4
S 7	16 57 49	15°18'21	15°17	14°21	24°27	18°58	7° 7	23°14	19°14	1° 5	18°10	11° 5
S 8	17 1 46	16°15'46	16°12	17°17	26° 2	19°32	7°12	23°16	19°15	1° 6	18°10	11° 7
M 9	17 5 42	17°13'10	17° 8	20°10	27°37	20° 5	7°17	23°18	19°16	1° 6	18°10	11° 8
T 10	17 9 39	18°10'33	18° 4	23° 2	29°12	20°38	7°22	23°20	19°16	1° 6	18°11	11° 9
W 11	17 13 36	19° 7'54	19° 0	25°52	0♃47	21°12	7°28	23°22	19°17	1° 7	18°11	11°11
T 12	17 17 32	20° 5'15	19°57	28°41	2°22	21°45	7°33	23°23	19°18	1° 7	18°11	11°12
F 13	17 21 29	21° 2'35	20°54	1♄28	3°58	22°18	7°38	23°25	19°19	1° 8	18°11	11°14
S 14	17 25 25	21°59'54	21°51	4°14	5°33	22°51	7°43	23°27	19°19	1° 8	18°11	11°15
S 15	17 29 22	22°57'11	22°49	7° 0	7° 8	23°24	7°48	23°29	19°20	1° 8	18°11	11°16
M 16	17 33 18	23°54'28	23°47	9°45	8°43	23°57	7°54	23°31	19°21	1° 9	18°11	11°18
T 17	17 37 15	24°51'45	24°45	12°30	10°18	24°30	7°59	23°33	19°21	1° 9	18°12	11°19
W 18	17 41 11	25°49'00	25°44	15°15	11°53	25° 3	8° 4	23°34	19°22	1° 9	18°12	11°21
T 19	17 45 8	26°46'15	26°43	17°59	13°28	25°35	8° 9	23°36	19°23	1°10	18°12	11°22
F 20	17 49 5	27°43'29	27°42	20°44	15° 4	26° 8	8°15	23°38	19°24	1°10	18°12	11°23
S 21	17 53 1	28°40'43	28°41	23°30	16°39	26°41	8°20	23°40	19°24	1°10	18°12	11°25
S 22	17 56 58	29°37'57	29°39	26°16	18°14	27°13	8°25	23°42	19°25	1°11	18°12	11°26
M 23	18 0 54	0♃35'10	0♃38	29° 3	19°49	27°46	8°30	23°43	19°26	1°11	18°13	11°28
T 24	18 4 51	1°32'22	1°37	1♃51	21°25	28°18	8°35	23°45	19°26	1°12	18°13	11°29
W 25	18 8 47	2°29'35	2°36	4°40	23° 0	28°51	8°41	23°47	19°27	1°12	18°13	11°30
T 26	18 12 44	3°26'47	3°34	7°31	24°35	29°23	8°46	23°49	19°28	1°12	18°13	11°32
F 27	18 16 40	4°24'00	4°32	10°24	26°11	29°55	8°51	23°51	19°28	1°13	18°13	11°33
S 28	18 20 37	5°21'12	5°30	13°19	27°46	0♁28	8°56	23°53	19°29	1°13	18°13	11°35
S 29	18 24 34	6°18'24	6°27	16°15	29°22	1° 0	9° 2	23°54	19°30	1°13	18°14	11°36
M 30	18 28 30	7♃15'37	7♃24	19♃15	0♁57	1♁32	9♁7	23♃56	19♄31	1♁14	18♁14	11♃37

Delta T = 0.46 sec.

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SWISS EPHEMERIS for the year 1902
heliocentric

JULY 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
T 1	18 32 27	8♁12'50	8♁20	22♁17	2♃33	2♂4	9♁12	23♁58	19♁31	1♁14	18♂14	11♁39
W 2	18 36 23	9°10'03	9°16	25°22	4° 8	2°36	9°17	24° 0	19°32	1°14	18°14	11°40
T 3	18 40 20	10° 7'16	10°12	28°30	5°44	3° 8	9°22	24° 2	19°33	1°15	18°14	11°42
F 4	18 44 16	11° 4'29	11° 8	1♁42	7°19	3°40	9°28	24° 3	19°33	1°15	18°14	11°43
S 5	18 48 13	12° 1'43	12° 3	4°57	8°55	4°12	9°33	24° 5	19°34	1°16	18°15	11°44
S 6	18 52 9	12°58'56	12°58	8°17	10°30	4°44	9°38	24° 7	19°35	1°16	18°15	11°46
M 7	18 56 6	13°56'10	13°53	11°41	12° 6	5°16	9°43	24° 9	19°36	1°16	18°15	11°47
T 8	19 0 3	14°53'23	14°49	15°10	13°41	5°47	9°49	24°11	19°36	1°17	18°15	11°49
W 9	19 3 59	15°50'37	15°44	18°44	15°17	6°19	9°54	24°13	19°37	1°17	18°15	11°50
T 10	19 7 56	16°47'50	16°40	22°23	16°53	6°51	9°59	24°14	19°38	1°17	18°15	11°51
F 11	19 11 52	17°45'03	17°37	26° 8	18°29	7°22	10° 4	24°16	19°38	1°18	18°16	11°53
S 12	19 15 49	18°42'16	18°33	29°59	20° 4	7°54	10°10	24°18	19°39	1°18	18°16	11°54
S 13	19 19 45	19°39'30	19°31	3♁58	21°40	8°25	10°15	24°20	19°40	1°18	18°16	11°56
M14	19 23 42	20°36'43	20°28	8° 3	23°16	8°56	10°20	24°22	19°41	1°19	18°16	11°57
T 15	19 27 38	21°33'56	21°26	12°15	24°52	9°28	10°25	24°23	19°41	1°19	18°16	11°58
W16	19 31 35	22°31'10	22°24	16°35	26°28	9°59	10°30	24°25	19°42	1°20	18°16	12° 0
T 17	19 35 32	23°28'23	23°22	21° 3	28° 3	10°30	10°36	24°27	19°43	1°20	18°17	12° 1
F 18	19 39 28	24°25'37	24°21	25°39	29°39	11° 1	10°41	24°29	19°43	1°20	18°17	12° 3
S 19	19 43 25	25°22'51	25°20	0♃24	1♁15	11°33	10°46	24°31	19°44	1°21	18°17	12° 4
S 20	19 47 21	26°20'06	26°19	5°18	2°51	12° 4	10°51	24°33	19°45	1°21	18°17	12° 5
M21	19 51 18	27°17'21	27°18	10°21	4°27	12°35	10°57	24°34	19°46	1°21	18°17	12° 7
T 22	19 55 14	28°14'36	28°17	15°32	6° 3	13° 6	11° 2	24°36	19°46	1°22	18°17	12° 8
W23	19 59 11	29°11'53	29°16	20°54	7°39	13°37	11° 7	24°38	19°47	1°22	18°18	12°10
T 24	20 3 7	0♁9'09	0♁15	26°24	9°15	14° 7	11°12	24°40	19°48	1°22	18°18	12°11
F 25	20 7 4	1° 6'27	1°13	2♁2	10°51	14°38	11°18	24°42	19°48	1°23	18°18	12°12
S 26	20 11 1	2° 3'45	2°11	7°49	12°27	15° 9	11°23	24°43	19°49	1°23	18°18	12°14
S 27	20 14 57	3° 1'05	3° 9	13°44	14° 4	15°40	11°28	24°45	19°50	1°24	18°18	12°15
M28	20 18 54	3°58'25	4° 7	19°46	15°40	16°10	11°33	24°47	19°50	1°24	18°18	12°16
T 29	20 22 50	4°55'47	5° 4	25°53	17°16	16°41	11°39	24°49	19°51	1°24	18°19	12°18
W30	20 26 47	5°53'10	6° 1	5♁10	18°52	17°12	11°44	24°51	19°52	1°25	18°19	12°19
T 31	20 30 43	6♁50'34	6♁57	8♂22	20♁28	17♂42	11♁49	24♁53	19♁53	1♁25	18♂19	12♁21

Delta T = 0.56 sec.

AUGUST 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
F 1	20 34 40	7♁47'59	7♁53	14♂41	22♁5	18♂13	11♁54	24♁54	19♁53	1♁25	18♂19	12♁22
S 2	20 38 36	8°45'25	8°49	21° 0	23°41	18°43	12° 0	24°56	19°54	1°26	18°19	12°23
S 3	20 42 33	9°42'52	9°45	27°19	25°17	19°13	12° 5	24°58	19°55	1°26	18°19	12°25
M 4	20 46 30	10°40'20	10°40	3♁35	26°54	19°44	12°10	25° 0	19°55	1°26	18°20	12°26
T 5	20 50 26	11°37'49	11°36	9°48	28°30	20°14	12°15	25° 2	19°56	1°27	18°20	12°28
W 6	20 54 23	12°35'18	12°31	15°55	0♂7	20°44	12°21	25° 4	19°57	1°27	18°20	12°29
T 7	20 58 19	13°32'49	13°27	21°56	1°43	21°14	12°26	25° 5	19°58	1°28	18°20	12°30
F 8	21 2 16	14°30'21	14°23	27°51	3°19	21°44	12°31	25° 7	19°58	1°28	18°20	12°32
S 9	21 6 12	15°27'53	15°20	3♁37	4°56	22°14	12°36	25° 9	19°59	1°28	18°20	12°33
S 10	21 10 9	16°25'26	16°17	9°14	6°33	22°44	12°42	25°11	20° 0	1°29	18°21	12°34
M11	21 14 5	17°23'00	17°14	14°42	8° 9	23°14	12°47	25°13	20° 0	1°29	18°21	12°36
T 12	21 18 2	18°20'35	18°12	20° 0	9°46	23°44	12°52	25°14	20° 1	1°29	18°21	12°37
W13	21 21 59	19°18'11	19°10	25° 9	11°22	24°14	12°57	25°16	20° 2	1°30	18°21	12°39
T 14	21 25 55	20°15'48	20° 8	0♂8	12°59	24°44	13° 3	25°18	20° 3	1°30	18°21	12°40
F 15	21 29 52	21°13'26	21° 7	4°57	14°36	25°14	13° 8	25°20	20° 3	1°30	18°21	12°41
S 16	21 33 48	22°11'05	22° 6	9°38	16°12	25°44	13°13	25°22	20° 4	1°31	18°22	12°43
S 17	21 37 45	23° 8'45	23° 5	14° 9	17°49	26°13	13°18	25°24	20° 5	1°31	18°22	12°44
M18	21 41 41	24° 6'26	24° 4	18°32	19°26	26°43	13°24	25°25	20° 5	1°32	18°22	12°46
T 19	21 45 38	25° 4'09	25° 4	22°46	21° 3	27°12	13°29	25°27	20° 6	1°32	18°22	12°47
W20	21 49 34	26° 1'53	26° 3	26°52	22°40	27°42	13°34	25°29	20° 7	1°32	18°22	12°48
T 21	21 53 31	26°59'38	27° 3	0♁51	24°17	28°12	13°39	25°31	20° 7	1°33	18°22	12°50
F 22	21 57 28	27°57'25	28° 2	4°43	25°53	28°41	13°45	25°33	20° 8	1°33	18°22	12°51
S 23	22 1 24	28°55'13	29° 1	8°29	27°30	29°10	13°50	25°34	20° 9	1°33	18°23	12°52
S 24	22 5 21	29°53'03	0♁0	12° 8	29° 7	29°40	13°55	25°36	20°10	1°34	18°23	12°54
M25	22 9 17	0♁50'55	0°59	15°42	0♁44	0♁9	14° 0	25°38	20°10	1°34	18°23	12°55
T 26	22 13 14	1°48'48	1°57	19°10	2°21	0°38	14° 6	25°40	20°11	1°34	18°23	12°57
W27	22 17 10	2°46'44	2°55	22°33	3°58	1° 8	14°11	25°42	20°12	1°35	18°23	12°58
T 28	22 21 7	3°44'41	3°53	25°52	5°36	1°37	14°16	25°44	20°12	1°35	18°23	12°59
F 29	22 25 3	4°42'41	4°50	29° 6	7°13	2° 6	14°21	25°45	20°13	1°36	18°24	13° 1
S 30	22 29 0	5°40'42	5°46	2♂17	8°50	2°35	14°27	25°47	20°14	1°36	18°24	13° 2
S 31	22 32 57	6♁38'45	6♁43	5♂24	10♁27	3♁4	14♁32	25♁49	20♁15	1♁36	18♂24	13♁3

Delta T = 0.67 sec.

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SWISS EPHEMERIS for the year 1902
heliocentric

SEPTEMBER 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
M 1	22 36 53	7 ^h 36'49"	7 ^h 39'	8 ^m 28	12 ^s 4	3 ^h 33	14 ^m 37	25 ^s 51	20 ^h 15	1 ^h 37	18 ^m 24	13 ^s 5
T 2	22 40 50	8°34'55"	8°35'	11°28'	13°41'	4° 2'	14°43'	25°53'	20°16'	1°37'	18°24'	13° 6'
W 3	22 44 46	9°33'03"	9°32'	14°26'	15°19'	4°31'	14°48'	25°55'	20°17'	1°37'	18°24'	13° 8'
T 4	22 48 43	10°31'13"	10°28'	17°22'	16°56'	5° 0'	14°53'	25°56'	20°17'	1°38'	18°25'	13° 9'
F 5	22 52 39	11°29'24"	11°24'	20°16'	18°33'	5°29'	14°58'	25°58'	20°18'	1°38'	18°25'	13°10'
S 6	22 56 36	12°27'37"	12°21'	23° 7'	20°10'	5°58'	15° 4'	26° 0'	20°19'	1°38'	18°25'	13°12'
S 7	23 0 32	13°25'51"	13°18'	25°57'	21°48'	6°27'	15° 9'	26° 2'	20°19'	1°39'	18°25'	13°13'
M 8	23 4 29	14°24'07"	14°16'	28°46'	23°25'	6°55'	15°14'	26° 4'	20°20'	1°39'	18°25'	13°14'
T 9	23 8 25	15°22'25"	15°13'	1 ^h 33'	25° 2'	7°24'	15°19'	26° 5'	20°21'	1°40'	18°25'	13°16'
W10	23 12 22	16°20'44"	16°12'	4°20'	26°40'	7°53'	15°25'	26° 7'	20°22'	1°40'	18°26'	13°17'
T 11	23 16 19	17°19'04"	17°10'	7° 5'	28°17'	8°21'	15°30'	26° 9'	20°22'	1°40'	18°26'	13°18'
F 12	23 20 15	18°17'26"	18° 9'	9°51'	29°55'	8°50'	15°35'	26°11'	20°23'	1°41'	18°26'	13°20'
S 13	23 24 12	19°15'50"	19° 8'	12°35'	1 ^h 32'	9°19'	15°40'	26°13'	20°24'	1°41'	18°26'	13°21'
S 14	23 28 8	20°14'16"	20° 8'	15°20'	3°10'	9°47'	15°46'	26°15'	20°24'	1°41'	18°26'	13°23'
M15	23 32 5	21°12'43"	21° 8'	18° 5'	4°47'	10°16'	15°51'	26°16'	20°25'	1°42'	18°26'	13°24'
T 16	23 36 1	22°11'11"	22° 8'	20°50'	6°25'	10°44'	15°56'	26°18'	20°26'	1°42'	18°27'	13°25'
W17	23 39 58	23° 9'42"	23° 8'	23°35'	8° 2'	11°12'	16° 2'	26°20'	20°27'	1°42'	18°27'	13°27'
T 18	23 43 54	24° 8'14"	24° 9'	26°21'	9°40'	11°41'	16° 7'	26°22'	20°27'	1°43'	18°27'	13°28'
F 19	23 47 51	25° 6'48"	25° 9'	29° 8'	11°17'	12° 9'	16°12'	26°24'	20°28'	1°43'	18°27'	13°29'
S 20	23 51 48	26° 5'24"	26° 9'	1 ^h 35'	12°55'	12°37'	16°17'	26°25'	20°29'	1°44'	18°27'	13°31'
S 21	23 55 44	27° 4'03"	27°10'	4°46'	14°32'	13° 6'	16°23'	26°27'	20°29'	1°44'	18°27'	13°32'
M22	23 59 41	28° 2'43"	28°10'	7°37'	16°10'	13°34'	16°28'	26°29'	20°30'	1°44'	18°28'	13°33'
T 23	0 3 37	29° 1'26"	29° 9'	10°30'	17°47'	14° 2'	16°33'	26°31'	20°31'	1°45'	18°28'	13°35'
W24	0 7 34	0 ^h 9'11"	0 ^h 9'	13°24'	19°25'	14°30'	16°39'	26°33'	20°32'	1°45'	18°28'	13°36'
T 25	0 11 30	0°58'59"	1° 7'	16°21'	21° 2'	14°58'	16°44'	26°35'	20°32'	1°45'	18°28'	13°38'
F 26	0 15 27	1°57'49"	2° 6'	19°21'	22°40'	15°26'	16°49'	26°36'	20°33'	1°46'	18°28'	13°39'
S 27	0 19 23	2°56'41"	3° 4'	22°23'	24°17'	15°55'	16°54'	26°38'	20°34'	1°46'	18°28'	13°40'
S 28	0 23 20	3°55'35"	4° 2'	25°28'	25°55'	16°23'	17° 0'	26°40'	20°34'	1°46'	18°29'	13°42'
M29	0 27 17	4°54'31"	4°59'	28°36'	27°32'	16°51'	17° 5'	26°42'	20°35'	1°47'	18°29'	13°43'
T 30	0 31 13	5°53'30"	5°57'	1 ^h 48'	29°10'	17°31'	17°10'	26°44'	20°36'	1°47'	18°29'	13°44'

Delta T = 0.77 sec.

OCTOBER 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
W 1	0 35 10	6 ^h 52'31"	6 ^h 54'	5 ^m 3	0 ^s 47	17 ^h 46	17 ^m 16	26 ^s 46	20 ^h 36	1 ^h 48	18 ^m 29	13 ^s 46
T 2	0 39 6	7°51'33"	7°51'	8°23'	2°25'	18°14'	17°21'	26°47'	20°37'	1°48'	18°29'	13°47'
F 3	0 43 3	8°50'38"	8°48'	11°47'	4° 2'	18°42'	17°26'	26°49'	20°38'	1°48'	18°29'	13°48'
S 4	0 46 59	9°49'45"	9°46'	15°16'	5°40'	19°10'	17°31'	26°51'	20°39'	1°49'	18°30'	13°50'
S 5	0 50 56	10°48'54"	10°43'	18°51'	7°17'	19°38'	17°37'	26°53'	20°39'	1°49'	18°30'	13°51'
M 6	0 54 52	11°48'04"	11°41'	22°30'	8°55'	20° 6'	17°42'	26°55'	20°40'	1°49'	18°30'	13°52'
T 7	0 58 49	12°47'17"	12°39'	26°16'	10°32'	20°33'	17°47'	26°56'	20°41'	1°50'	18°30'	13°54'
W 8	1 2 45	13°46'31"	13°38'	0 ^h 7'	12°10'	21° 1'	17°53'	26°58'	20°41'	1°50'	18°30'	13°55'
T 9	1 6 42	14°45'47"	14°37'	4° 5'	13°47'	21°29'	17°58'	27° 0'	20°42'	1°50'	18°30'	13°57'
F 10	1 10 39	15°45'05"	15°36'	8°11'	15°25'	21°56'	18° 3'	27° 2'	20°43'	1°51'	18°31'	13°58'
S 11	1 14 35	16°44'25"	16°36'	12°23'	17° 2'	22°24'	18° 8'	27° 4'	20°44'	1°51'	18°31'	13°59'
S 12	1 18 32	17°43'46"	17°36'	16°43'	18°39'	22°51'	18°14'	27° 6'	20°44'	1°52'	18°31'	14° 1'
M13	1 22 28	18°43'10"	18°36'	21°11'	20°17'	23°19'	18°19'	27° 7'	20°45'	1°52'	18°31'	14° 2'
T 14	1 26 25	19°42'35"	19°37'	25°48'	21°54'	23°47'	18°24'	27° 9'	20°46'	1°52'	18°31'	14° 3'
W15	1 30 21	20°42'01"	20°38'	0 ^h 33'	23°31'	24°14'	18°30'	27°11'	20°46'	1°53'	18°31'	14° 5'
T 16	1 34 18	21°41'30"	21°39'	5°27'	25° 8'	24°42'	18°35'	27°13'	20°47'	1°53'	18°31'	14° 6'
F 17	1 38 14	22°41'01"	22°41'	10°30'	26°46'	25° 9'	18°40'	27°15'	20°48'	1°53'	18°32'	14° 7'
S 18	1 42 11	23°40'33"	23°42'	15°42'	28°23'	25°36'	18°45'	27°17'	20°48'	1°54'	18°32'	14° 9'
S 19	1 46 8	24°40'08"	24°43'	21° 4'	0 ^h 0	26° 4'	18°51'	27°18'	20°49'	1°54'	18°32'	14°10'
M20	1 50 4	25°39'45"	25°45'	26°34'	1°37'	26°31'	18°56'	27°20'	20°50'	1°54'	18°32'	14°11'
T 21	1 54 1	26°39'24"	26°46'	2 ^h 13'	3°14'	26°58'	19° 1'	27°22'	20°51'	1°55'	18°32'	14°13'
W22	1 57 57	27°39'06"	27°47'	8° 0'	4°51'	27°26'	19° 7'	27°24'	20°51'	1°55'	18°32'	14°14'
T 23	2 1 54	28°38'49"	28°47'	13°55'	6°28'	27°53'	19°12'	27°26'	20°52'	1°56'	18°33'	14°16'
F 24	2 5 50	29°38'35"	29°47'	19°57'	8° 5'	28°20'	19°17'	27°27'	20°53'	1°56'	18°33'	14°17'
S 25	2 9 47	0 ^h 38'24"	0 ^h 47'	26° 5'	9°42'	28°47'	19°23'	27°29'	20°53'	1°56'	18°33'	14°18'
S 26	2 13 43	1°38'14"	1°46'	2 ^h 18'	11°19'	29°15'	19°28'	27°31'	20°54'	1°57'	18°33'	14°20'
M27	2 17 40	2°38'07"	2°45'	8°34'	12°56'	29°42'	19°33'	27°33'	20°55'	1°57'	18°33'	14°21'
T 28	2 21 37	3°38'02"	3°44'	14°53'	14°33'	0 ^h 9'	19°38'	27°35'	20°56'	1°57'	18°33'	14°22'
W29	2 25 33	4°37'58"	4°42'	21°12'	16°10'	0°36'	19°44'	27°37'	20°56'	1°58'	18°34'	14°24'
T 30	2 29 30	5°37'57"	5°40'	27°30'	17°46'	1° 3'	19°49'	27°38'	20°57'	1°58'	18°34'	14°25'
F 31	2 33 26	6°37'58"	6°39'	3 ^h 47'	19°23'	1 ^h 30'	19°54'	27°40'	20°58'	1°58'	18°34'	14°26'

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SWISS EPHEMERIS for the year 1902
heliocentric

NOVEMBER 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
S 1	2 37 23	7838'01	7837	9559	21♁ 0	1♁57	20♁ 0	27342	20♁58	1♁59	18♁34	14328
S 2	2 41 19	8°38'06	8°35	16° 7	22°36	2°24	20° 5	27°44	20°59	1°59	18°34	14°29
M 3	2 45 16	9°38'13	9°34	22° 8	24°13	2°51	20°10	27°46	21° 0	2° 0	18°34	14°30
T 4	2 49 12	10°38'21	10°32	28° 1	25°49	3°18	20°16	27°48	21° 0	2° 0	18°35	14°32
W 5	2 53 9	11°38'31	11°31	3♁47	27°26	3°45	20°21	27°49	21° 1	2° 0	18°35	14°33
T 6	2 57 6	12°38'42	12°30	9°24	29° 2	4°12	20°26	27°51	21° 2	2° 1	18°35	14°34
F 7	3 1 2	13°38'56	13°30	14°52	0♁39	4°39	20°31	27°53	21° 3	2° 1	18°35	14°36
S 8	3 4 59	14°39'10	14°30	20°10	2°15	5° 6	20°37	27°55	21° 3	2° 1	18°35	14°37
S 9	3 8 55	15°39'26	15°30	25°18	3°51	5°33	20°42	27°57	21° 4	2° 2	18°35	14°38
M10	3 12 52	16°39'44	16°31	0♁17	5°27	6° 0	20°47	27°58	21° 5	2° 2	18°36	14°40
T 11	3 16 48	17°40'03	17°32	5° 6	7° 4	6°27	20°53	28° 0	21° 5	2° 3	18°36	14°41
W12	3 20 45	18°40'23	18°34	9°46	8°40	6°54	20°58	28° 2	21° 6	2° 3	18°36	14°42
T 13	3 24 41	19°40'45	19°36	14°17	10°16	7°20	21° 3	28° 4	21° 7	2° 3	18°36	14°44
F 14	3 28 38	20°41'08	20°38	18°40	11°52	7°47	21° 9	28° 6	21° 8	2° 4	18°36	14°45
S 15	3 32 34	21°41'33	21°40	22°54	13°28	8°14	21°14	28° 8	21° 8	2° 4	18°36	14°46
S 16	3 36 31	22°42'00	22°43	27° 0	15° 4	8°41	21°19	28° 9	21° 9	2° 4	18°37	14°48
M17	3 40 28	23°42'28	23°45	0♁59	16°40	9° 7	21°25	28°11	21°10	2° 5	18°37	14°49
T 18	3 44 24	24°42'57	24°47	4°51	18°16	9°34	21°30	28°13	21°10	2° 5	18°37	14°50
W19	3 48 21	25°43'29	25°50	8°36	19°51	10° 1	21°35	28°15	21°11	2° 5	18°37	14°52
T 20	3 52 17	26°44'02	26°51	12°15	21°27	10°28	21°41	28°17	21°12	2° 6	18°37	14°53
F 21	3 56 14	27°44'37	27°53	15°48	23° 3	10°54	21°46	28°19	21°12	2° 6	18°37	14°54
S 22	4 0 10	28°45'14	28°54	19°16	24°39	11°21	21°51	28°20	21°13	2° 7	18°38	14°56
S 23	4 4 7	29°45'52	29°55	22°39	26°14	11°47	21°56	28°22	21°14	2° 7	18°38	14°57
M24	4 8 3	0♁46'32	0♁55	25°58	27°50	12°14	22° 2	28°24	21°15	2° 7	18°38	14°59
T 25	4 12 0	1°47'14	1°55	29°12	29°25	12°41	22° 7	28°26	21°15	2° 8	18°38	15° 0
W26	4 15 57	2°47'57	2°55	2♁23	1♁ 1	13° 7	22°12	28°28	21°16	2° 8	18°38	15° 1
T 27	4 19 53	3°48'42	3°54	5°30	2°37	13°34	22°18	28°30	21°17	2° 8	18°38	15° 3
F 28	4 23 50	4°49'29	4°53	8°33	4°12	14° 0	22°23	28°31	21°17	2° 9	18°39	15° 4
S 29	4 27 46	5°50'17	5°52	11°34	5°47	14°27	22°28	28°33	21°18	2° 9	18°39	15° 5
S 30	4 31 43	6♁51'06	6♁51	14♁32	7♁23	14♁53	22♁34	28335	21♁19	2♁ 9	18♁39	153 7

Delta T = 0.98 sec.

DECEMBER 1902

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♁
M 1	4 35 39	7♁51'56	7♁50	17♁28	8♁58	15♁20	22♁39	28337	21♁20	2♁10	18♁39	153 8
T 2	4 39 36	8°52'48	8°49	20°21	10°33	15°46	22°44	28°39	21°20	2°10	18°39	15° 9
W 3	4 43 33	9°53'40	9°49	23°13	12° 9	16°13	22°50	28°40	21°21	2°11	18°39	15°11
T 4	4 47 29	10°54'34	10°48	26° 3	13°44	16°39	22°55	28°42	21°22	2°11	18°40	15°12
F 5	4 51 26	11°55'28	11°48	28°51	15°19	17° 6	23° 0	28°44	21°22	2°11	18°40	15°13
S 6	4 55 22	12°56'23	12°48	1♁39	16°54	17°32	23° 6	28°46	21°23	2°12	18°40	15°15
S 7	4 59 19	13°57'19	13°48	4°25	18°30	17°59	23°11	28°48	21°24	2°12	18°40	15°16
M 8	5 3 15	14°58'16	14°49	7°11	20° 5	18°25	23°16	28°50	21°25	2°12	18°40	15°17
T 9	5 7 12	15°59'13	15°50	9°56	21°40	18°52	23°22	28°51	21°25	2°13	18°40	15°19
W10	5 11 8	17° 0'11	16°52	12°41	23°15	19°18	23°27	28°53	21°26	2°13	18°41	15°20
T 11	5 15 5	18° 1'10	17°54	15°25	24°50	19°44	23°32	28°55	21°27	2°13	18°41	15°21
F 12	5 19 1	19° 2'09	18°56	18°10	26°25	20°11	23°38	28°57	21°27	2°14	18°41	15°23
S 13	5 22 58	20° 3'09	19°59	20°55	28° 0	20°37	23°43	28°59	21°28	2°14	18°41	15°24
S 14	5 26 55	21° 4'09	21° 2	23°40	29°35	21° 3	23°48	29° 1	21°29	2°15	18°41	15°25
M15	5 30 51	22° 5'10	22° 5	26°27	130	21°30	23°54	29° 2	21°29	2°15	18°41	15°27
T 16	5 34 48	23° 6'12	23° 8	29°14	2°45	21°56	23°59	29° 4	21°30	2°15	18°42	15°28
W17	5 38 44	24° 7'15	24°11	23 2	4°20	22°22	24° 4	29° 6	21°31	2°16	18°42	15°29
T 18	5 42 41	25° 8'18	25°14	4°51	5°55	22°49	24°10	29° 8	21°32	2°16	18°42	15°31
F 19	5 46 37	26° 9'22	26°16	7°42	7°30	23°15	24°15	29°10	21°32	2°16	18°42	15°32
S 20	5 50 34	27°10'27	27°18	10°35	9° 5	23°41	24°20	29°12	21°33	2°17	18°42	15°33
S 21	5 54 31	28°11'33	28°20	13°30	10°40	24° 8	24°26	29°13	21°34	2°17	18°42	15°34
M22	5 58 27	29°12'39	29°22	16°27	12°14	24°34	24°31	29°15	21°34	2°17	18°43	15°36
T 23	6 2 24	0♁13'46	0♁23	19°26	13°49	25° 0	24°36	29°17	21°35	2°18	18°43	15°37
W24	6 6 20	1°14'54	1°23	22°28	15°24	25°27	24°42	29°19	21°36	2°18	18°43	15°38
T 25	6 10 17	2°16'03	2°24	25°34	16°59	25°53	24°47	29°21	21°37	2°19	18°43	15°40
F 26	6 14 13	3°17'12	3°24	28°42	18°34	26°19	24°52	29°23	21°37	2°19	18°43	15°41
S 27	6 18 10	4°18'22	4°23	1♁54	20° 9	26°45	24°58	29°24	21°38	2°19	18°43	15°42
S 28	6 22 6	5°19'32	5°23	5°10	21°44	27°12	25° 3	29°26	21°39	2°20	18°44	15°44
M29	6 26 3	6°20'42	6°22	8°30	23°18	27°38	25° 8	29°28	21°39	2°20	18°44	15°45
T 30	6 30 0	7°21'53	7°22	11°54	24°53	28° 4	25°14	29°30	21°40	2°20	18°44	15°46
W31	6 33 56	8♁23'04	8♁21	15♁23	26328	28♁30	25♁19	29332	21♁41	2♁21	18♁44	15348

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