

# SWISS EPHEMERIS for the year 1905

JANUARY 1905

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	6 39 54	9°55'29	10°11'20	9°R 6	22°28'14	23°23'23	20°17'41	18°33'33	0°34'41	6°R42	20°R21	11°R29	12°R28	27°R45	29°R 0
M 2	6 43 50	10°56'40	24°11	7°34'5	23°25	23°55	20°45	18°39	0°45	6°38	20°19	11°14	12°25	27°52	29° 4
T 3	6 47 47	11°57'51	7°54	6°27	24°36	24°27	20°48	18°46	0°48	6°38	20°19	11°14	12°21	27°58	29° 9
W 4	6 51 44	12°59'02	21°27	5°15	25°46	24°58	20°52	18°52	0°52	6°37	20°18	11° 3	12°18	28° 5	29°14
T 5	6 55 40	14° 0'13	4°34'7	4° 9	26°57	25°29	20°56	18°58	0°56	6°35	20°16	10°53	12°15	28°12	29°19
F 6	6 59 37	15° 1'24	17°52	3°12	28° 7	26° 1	21° 0	19° 5	0°59	6°33	20°15	10°43	12°12	28°18	29°24
S 7	7 3 33	16° 2'35	0°41	2°25	29°17	26°32	21° 5	19°11	1° 3	6°31	20°14	10°34	12° 9	28°25	29°29
S 8	7 7 30	17° 3'45	13°13	1°47	0°42'27	27° 3	21° 9	19°17	1° 6	6°30	20°13	10°28	12° 5	28°31	29°34
M 9	7 11 26	18° 4'55	25°29	1°19	1°37	27°34	21°14	19°24	1°10	6°28	20°12	10°24	12° 2	28°38	29°39
T 10	7 15 23	19° 6'05	7°32	1° 2	2°47	28° 4	21°19	19°30	1°13	6°26	20°11	10°D23	11°59	28°45	29°44
W 11	7 19 19	20° 7'14	19°26	0°D53	3°57	28°35	21°24	19°37	1°17	6°25	20°10	10°23	11°56	28°51	29°49
T 12	7 23 16	21° 8'23	1°14	0°54	5° 6	29° 5	21°29	19°44	1°20	6°23	20° 9	10°25	11°53	28°58	29°55
F 13	7 27 13	22° 9'31	13° 2	1° 3	6°16	29°36	21°35	19°50	1°24	6°22	20° 8	10°26	11°50	29° 5	0° 0
S 14	7 31 9	23°10'38	24°55	1°19	7°25	0°16	21°41	19°57	1°27	6°20	20° 7	10°R26	11°46	29°11	0° 5
S 15	7 35 6	24°11'45	6°58	1°42	8°34	0°36	21°46	20° 4	1°30	6°18	20° 6	10°25	11°43	29°18	0°10
M 16	7 39 2	25°12'50	19°16	2°12	9°43	1° 6	21°52	20°11	1°34	6°17	20° 5	10°22	11°40	29°25	0°15
T 17	7 42 59	26°13'56	1°14	2°48	10°51	1°35	21°59	20°17	1°37	6°15	20° 5	10°17	11°37	29°31	0°20
W 18	7 46 55	27°15'00	14°55	3°28	12° 0	2° 5	22° 5	20°24	1°41	6°14	20° 4	10°11	11°34	29°38	0°25
T 19	7 50 52	28°16'04	28°20	4°14	13° 8	2°34	22°11	20°31	1°44	6°12	20° 3	10° 4	11°30	29°45	0°30
F 20	7 54 49	29°17'07	12°58	5° 3	14°16	3° 3	22°18	20°38	1°47	6°10	20° 2	9°56	11°27	29°51	0°35
S 21	7 58 45	0°18'09	26°17	5°57	15°24	3°32	22°25	20°45	1°51	6° 9	20° 1	9°50	11°24	29°58	0°40
S 22	8 2 42	1°19'10	10°12	6°53	16°32	4° 1	22°32	20°52	1°54	6° 7	20° 0	9°46	11°21	0°Y 5	0°45
M 23	8 6 38	2°20'11	25°16	7°53	17°40	4°30	22°39	20°59	1°57	6° 6	19°59	9°43	11°18	0°11	0°50
T 24	8 10 35	3°21'11	9°14	8°56	18°47	4°59	22°46	21° 6	2° 0	6° 4	19°58	9°D42	11°15	0°18	0°56
W 25	8 14 31	4°22'10	24°28	10° 1	19°54	5°27	22°54	21°13	2° 4	6° 3	19°58	9°43	11°11	0°25	1° 1
T 26	8 18 28	5°23'08	8°55	11° 9	21° 1	5°55	23° 1	21°20	2° 7	6° 2	19°57	9°44	11° 8	0°31	1° 6
F 27	8 22 24	6°24'07	23°11	12°18	22° 7	6°23	23° 9	21°27	2°10	6° 0	19°56	9°45	11° 5	0°38	1°11
S 28	8 26 21	7°25'04	7°14	13°30	23°14	6°51	23°17	21°34	2°13	5°59	19°55	9°R46	11° 2	0°45	1°16
S 29	8 30 17	8°26'01	21° 4	14°43	24°20	7°19	23°25	21°41	2°16	5°57	19°55	9°45	10°59	0°51	1°21
M 30	8 34 14	9°26'57	4°40	15°58	25°26	7°46	23°33	21°48	2°19	5°56	19°54	9°43	10°56	0°58	1°26
T 31	8 38 11	10°27'53	18° 1	17°15	26°32	8°13	23°Y42	21°55	2°22	5°55	19°Y53	9°R40	10°52	1°Y 4	1°31

Delta T = 3.82 sec.

FEBRUARY 1905

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	8 42 7	11°28'48	1°10	18°33	27°R37	8°14	23°Y50	22° 3	2°25	5°R53	19°R53	9°R35	10°R49	1°Y11	1°36
T 2	8 46 4	12°29'42	14° 5	19°52	28°42	9° 7	23°59	22°10	2°28	5°52	19°Y52	9°R31	10°46	1°18	1°41
F 3	8 50 0	13°30'35	26°47	21°13	29°47	9°34	24° 8	22°17	2°31	5°51	19°51	9°26	10°43	1°24	1°46
S 4	8 53 57	14°31'27	9°17	22°35	0°Y52	10° 0	24°17	22°24	2°34	5°49	19°51	9°22	10°40	1°31	1°51
S 5	8 57 53	15°32'17	21°35	23°58	1°56	10°26	24°26	22°31	2°37	5°48	19°50	9°20	10°36	1°38	1°56
M 6	9 1 50	16°33'07	3°42	25°22	3° 0	10°52	24°35	22°39	2°40	5°47	19°49	9°D19	10°33	1°44	2° 1
T 7	9 5 47	17°33'55	15°40	26°47	4° 3	11°18	24°44	22°46	2°43	5°46	19°49	9°19	10°30	1°51	2° 6
W 8	9 9 43	18°34'41	27°31	28°13	5° 7	11°43	24°54	22°53	2°46	5°45	19°48	9°20	10°27	1°58	2°11
T 9	9 13 40	19°35'27	9°Y18	29°40	6°10	12° 8	25° 3	23° 0	2°48	5°44	19°48	9°21	10°24	2° 4	2°16
F 10	9 17 36	20°36'10	21° 6	1° 8	7°12	12°33	25°13	23° 7	2°51	5°42	19°47	9°23	10°21	2°11	2°21
S 11	9 21 33	21°36'52	2°59	2°36	8°15	12°57	25°23	23°15	2°54	5°41	19°47	9°24	10°17	2°18	2°26
S 12	9 25 29	22°37'33	15° 0	4° 6	9°16	13°22	25°33	23°22	2°56	5°40	19°46	9°25	10°14	2°24	2°30
M 13	9 29 26	23°38'12	27°16	5°37	10°18	13°46	25°43	23°29	2°59	5°39	19°46	9°R25	10°11	2°31	2°35
T 14	9 33 22	24°38'49	9°Y50	7° 9	11°19	14°10	25°53	23°36	3° 2	5°38	19°45	9°25	10° 8	2°38	2°40
W 15	9 37 19	25°39'25	22°46	8°41	12°20	14°33	26° 3	23°44	3° 4	5°37	19°45	9°24	10° 5	2°44	2°45
T 16	9 41 15	26°39'58	6°58	10°15	13°20	14°56	26°14	23°51	3° 7	5°36	19°45	9°22	10° 2	2°51	2°50
F 17	9 45 12	27°40'30	19°57	11°49	14°19	15°19	26°24	23°58	3° 9	5°35	19°44	9°20	9°58	2°58	2°54
S 18	9 49 9	28°41'01	4°12	13°24	15°19	15°42	26°35	24° 5	3°12	5°34	19°44	9°19	9°55	3° 4	2°59
S 19	9 53 5	29°41'29	18°48	15° 0	16°18	16° 4	26°46	24°13	3°14	5°34	19°44	9°18	9°52	3°11	3° 4
M 20	9 57 2	0°41'56	3°14	16°37	17°16	16°26	26°56	24°20	3°16	5°33	19°43	9°D18	9°49	3°18	3° 8
T 21	10 0 58	1°42'21	18°42	18°15	18°14	16°48	27° 7	24°27	3°19	5°32	19°43	9°18	9°46	3°24	3°13
W 22	10 4 55	2°42'45	3°43	19°54	19°11	17° 9	27°18	24°34	3°21	5°31	19°43	9°18	9°42	3°31	3°18
T 23	10 8 51	3°43'07	18°35	21°34	20° 7	17°30	27°30	24°41	3°23	5°30	19°43	9°19	9°39	3°38	3°22
F 24	10 12 48	4°43'28	3°12	23°15	21° 4	17°51	27°41	24°49	3°25	5°30	19°42	9°19	9°36	3°44	3°27
S 25	10 16 44	5°43'47	17°30	24°57	21°59	18°11	27°52	24°56	3°28	5°29	19°42	9°19	9°33	3°51	3°31
S 26	10 20 41	6°44'06	1°26	26°40	22°54	18°31	28° 4	25° 3	3°30	5°28	19°42	9°20	9°30	3°58	3°36
M 27	10 24 38	7°44'22	14°59	28°23	23°48	18°51	28°15	25°10	3°32	5°28	19°42	9°R20	9°27	4° 4	3°40
T 28	10 28 34	8°44'37	28°12	0°48	24°Y42	19°16	28°Y27	25°17	3°34	5°27	19°Y42	9°D20	9°R23	4°Y11	3°45

Delta T = 3.95 sec.

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# SWISS EPHEMERIS for the year 1905

MAY 1905

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	14 33 0	9♂56'30	29♂59	28°R42	4°R14	20°R15	12♂20	1♂23	4°R 2	5♂55	20♂16	7°R32	6♂ 6	11°Y 4	6♂38
T 2	14 36 57	10°54'43	11°Y46	28°Y16	3♂38	19♂55	12°34	1°27	4♂ 1	5°57	20°17	7♂27	6° 3	11°11	6°39
W 3	14 40 53	11°52'55	23°37	27°54	3° 3	19°35	12°48	1°31	4° 0	5°58	20°18	7°20	6° 0	11°17	6°39
T 4	14 44 50	12°51'05	5♂33	27°37	2°30	19°15	13° 3	1°34	3°59	6° 0	20°19	7°10	5°57	11°24	6°40
F 5	14 48 47	13°49'13	17°37	27°24	1°59	18°54	13°17	1°38	3°58	6° 1	20°20	6°58	5°54	11°31	6°41
S 6	14 52 43	14°47'20	29°49	27°16	1°29	18°33	13°31	1°42	3°56	6° 3	20°22	6°45	5°50	11°37	6°41
S 7	14 56 40	15°45'25	12♂11	27°D13	1° 0	18°12	13°45	1°45	3°55	6° 4	20°23	6°33	5°47	11°44	6°42
M 8	15 0 36	16°43'28	24°43	27°14	0°34	17°50	14° 0	1°49	3°54	6° 6	20°24	6°23	5°44	11°51	6°42
T 9	15 4 33	17°41'30	7♂26	27°20	0°10	17°29	14°14	1°52	3°52	6° 7	20°25	6°15	5°41	11°57	6°42
W10	15 8 29	18°39'29	20°23	27°30	29°Y48	17° 7	14°28	1°56	3°51	6° 9	20°26	6° 9	5°38	12° 4	6°42
T 11	15 12 26	19°37'27	3♂23	27°46	29°28	16°45	14°43	1°59	3°49	6°11	20°28	6° 6	5°35	12°11	6°43
F 12	15 16 22	20°35'23	17° 1	28° 5	29°11	16°23	14°57	2° 2	3°48	6°12	20°29	6°D 5	5°31	12°17	6°43
S 13	15 20 19	21°33'17	0♂47	28°29	28°56	16° 1	15°11	2° 5	3°46	6°14	20°30	6°R 5	5°28	12°24	6°R43
S 14	15 24 16	22°31'09	14°52	28°57	28°43	15°40	15°25	2° 8	3°45	6°16	20°31	6° 5	5°25	12°31	6°43
M15	15 28 12	23°29'00	29°17	29°30	28°33	15°18	15°40	2°11	3°43	6°17	20°33	6° 4	5°22	12°37	6°43
T 16	15 32 9	24°26'48	13♂58	0♂ 6	28°25	14°57	15°54	2°14	3°41	6°19	20°34	6° 0	5°19	12°44	6°42
W17	15 36 5	25°24'35	28°52	0°46	28°20	14°35	16° 8	2°16	3°40	6°21	20°35	5°53	5°16	12°51	6°42
T 18	15 40 2	26°22'21	13♂50	1°30	28°17	14°15	16°22	2°19	3°38	6°23	20°36	5°44	5°12	12°57	6°42
F 19	15 43 58	27°20'05	28°43	2°18	28°D16	13°54	16°36	2°22	3°36	6°24	20°38	5°33	5° 9	13° 4	6°41
S 20	15 47 55	28°17'48	13♂23	3° 9	28°18	13°34	16°50	2°24	3°34	6°26	20°39	5°22	5° 6	13°11	6°41
S 21	15 51 51	29°15'29	27°42	4° 3	28°22	13°14	17° 4	2°26	3°32	6°28	20°40	5°12	5° 3	13°17	6°40
M22	15 55 48	0♂13'10	11♂34	5° 1	28°28	12°54	17°19	2°29	3°30	6°30	20°42	5° 3	5° 0	13°24	6°40
T 23	15 59 45	1°10'49	24°59	6° 2	28°37	12°35	17°33	2°31	3°29	6°32	20°43	4°57	4°56	13°31	6°39
W24	16 3 41	2° 8'27	7♂57	7° 6	28°48	12°16	17°47	2°33	3°27	6°34	20°44	4°54	4°53	13°37	6°38
T 25	16 7 38	3° 6'05	20°31	8°13	29° 0	11°58	18° 1	2°35	3°25	6°36	20°46	4°52	4°50	13°44	6°38
F 26	16 11 34	4° 3'41	2♂45	9°23	29°15	11°41	18°15	2°37	3°23	6°38	20°47	4°52	4°47	13°51	6°37
S 27	16 15 31	5° 1'16	14°45	10°36	29°32	11°24	18°29	2°38	3°21	6°40	20°48	4°52	4°44	13°57	6°36
S 28	16 19 27	5°58'51	26°37	11°51	29°51	11° 8	18°43	2°40	3°19	6°41	20°50	4°51	4°41	14° 4	6°35
M29	16 23 24	6°56'24	8°Y25	13°10	0♂11	10°52	18°57	2°42	3°16	6°43	20°51	4°48	4°37	14°11	6°34
T 30	16 27 20	7°53'57	20°15	14°31	0°33	10°37	19°10	2°43	3°14	6°45	20°53	4°42	4°34	14°18	6°32
W31	16 31 17	8♂51'28	2♂ 9	15♂55	0♂57	10♂23	19♂24	2♂45	3♂12	6♂47	20♂54	4♂34	4♂31	14°Y24	6♂31

Delta T = 4.34 sec.

JUNE 1905

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	16 35 14	9♂48'59	14♂12	17♂21	1♂23	10°R 9	19♂38	2♂46	3°R10	6♂49	20♂55	4°R23	4♂28	14°Y31	6°R30
F 2	16 39 10	10°46'29	26°26	18°50	1°50	9♂56	19°52	2°47	3♂ 8	6°52	20°57	4♂11	4°25	14°38	6♂29
S 3	16 43 7	11°43'58	8♂52	20°22	2°19	9°44	20° 6	2°48	3° 6	6°54	20°58	3°58	4°22	14°44	6°27
S 4	16 47 3	12°41'26	21°30	21°57	2°49	9°33	20°19	2°49	3° 3	6°56	21° 0	3°45	4°18	14°51	6°26
M 5	16 51 0	13°38'54	4♂19	23°34	3°21	9°22	20°33	2°50	3° 1	6°58	21° 1	3°33	4°15	14°58	6°24
T 6	16 54 56	14°36'20	17°21	25°13	3°54	9°12	20°47	2°51	2°59	7° 0	21° 2	3°25	4°12	15° 4	6°23
W 7	16 58 53	15°33'45	0♂24	26°55	4°28	9° 3	21° 0	2°52	2°57	7° 2	21° 4	3°18	4° 9	15°11	6°21
T 8	17 2 49	16°31'09	13°58	28°40	5° 3	8°55	21°14	2°52	2°54	7° 4	21° 5	3°15	4° 6	15°18	6°19
F 9	17 6 46	17°28'32	27°33	0♂27	5°40	8°48	21°27	2°53	2°52	7° 6	21° 7	3°D14	4° 2	15°24	6°17
S 10	17 10 43	18°25'54	11°Y21	2°17	6°18	8°41	21°41	2°53	2°50	7° 8	21° 8	3°R14	3°59	15°31	6°16
S 11	17 14 39	19°23'15	25°21	4° 9	6°57	8°36	21°54	2°53	2°47	7°10	21° 9	3°14	3°56	15°38	6°14
M12	17 18 36	20°20'34	9♂24	6° 3	7°37	8°31	22° 8	2°54	2°45	7°13	21°11	3°13	3°53	15°44	6°12
T 13	17 22 32	21°17'53	23°57	8° 0	8°18	8°27	22°21	2°54	2°43	7°15	21°12	3° 9	3°50	15°51	6°10
W14	17 26 29	22°15'11	8♂29	9°59	9° 0	8°24	22°34	2°R54	2°40	7°17	21°14	3° 3	3°47	15°58	6° 8
T 15	17 30 25	23°12'28	23° 3	12° 1	9°43	8°22	22°48	2°54	2°38	7°19	21°15	2°55	3°43	16° 4	6° 6
F 16	17 34 22	24° 9'44	7♂33	14° 4	10°27	8°20	23° 1	2°54	2°36	7°21	21°16	2°45	3°40	16°11	6° 3
S 17	17 38 18	25° 7'00	21°53	16° 9	11°12	8°D20	23°14	2°53	2°33	7°23	21°18	2°35	3°37	16°18	6° 1
S 18	17 42 15	26° 4'15	5♂57	18°16	11°58	8°20	23°27	2°53	2°31	7°26	21°19	2°26	3°34	16°24	5°59
M19	17 46 12	27° 1'30	19°40	20°24	12°44	8°21	23°40	2°52	2°28	7°28	21°21	2°18	3°31	16°31	5°57
T 20	17 50 8	27°58'44	2♂59	22°33	13°31	8°22	23°53	2°52	2°26	7°30	21°22	2°12	3°28	16°38	5°54
W21	17 54 5	28°55'58	15°55	24°43	14°20	8°25	24° 6	2°51	2°23	7°32	21°23	2° 8	3°24	16°44	5°52
T 22	17 58 1	29°53'11	28°29	26°54	15° 8	8°28	24°19	2°50	2°21	7°34	21°25	2°D 7	3°21	16°51	5°49
F 23	18 1 58	0♂50'25	10♂45	29° 6	15°58	8°32	24°31	2°49	2°19	7°37	21°26	2° 7	3°18	16°58	5°47
S 24	18 5 54	1°47'38	22°47	1♂17	16°48	8°37	24°44	2°49	2°16	7°39	21°28	2° 8	3°15	17° 5	5°44
S 25	18 9 51	2°44'52	4°Y40	3°28	17°39	8°43	24°57	2°47	2°14	7°41	21°29	2°R 8	3°12	17°11	5°42
M26	18 13 47	3°42'05	16°31	5°39	18°31	8°49	25° 9	2°46	2°11	7°43	21°30	2° 7	3° 8	17°18	5°39
T 27	18 17 44	4°39'18	28°23	7°50	19°23	8°56	25°22	2°45	2° 9	7°46	21°32	2° 5	3° 5	17°25	5°36
W28	18 21 41	5°36'31	10♂21	9°59	20°16	9° 4	25°34	2°44	2° 6	7°48	21°33	1°59	3° 2	17°31	5°34
T 29	18 25 37	6°33'45	22°30	12° 7	21° 9	9°13	25°47	2°42	2° 4	7°50	21°35	1°52	2°59	17°38	5°31
F 30	18 29 34	7♂30'58	4♂52	14♂14	22♂ 3	9♂22	25♂59	2♂41	2♂ 1	7♂52	21♂36	1♂44	2♂56	17°Y45	5♂28

Delta T = 4.48 sec.

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# SWISS EPHEMERIS for the year 1905

JULY 1905

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	18 33 30	8°28'12"	17°11'30"	16°59'19"	22°58'57"	9°11'32"	26°12'12"	2°R39	1°R59	7°55'4	21°11'37"	1°R35	2°11'53"	17°11'51"	5°R25
S 2	18 37 27	9°25'25"	0°52'23"	18°23'23"	23°52'43"	9°43'26"	26°24'24"	2°H37	1°55'7	7°57'21"	21°39'11"	1°11'25"	2°49'17"	17°58'52"	5°22
M 3	18 41 23	10°22'39"	13°32'20"	20°25'24"	24°47'9"	9°54'26"	26°36'2°36	1°54'7°59	21°40'1°17	2°46'18°5	5°19'5°19				
T 4	18 45 20	11°19'52"	26°56'22"	22°26'25"	25°43'10"	6'26°48	2°34'1°52	8°1'21°41	1°11'2°43	18°11'5°16					
W 5	18 49 17	12°17'05"	10°17'05"	24°24'26°40	10°19'27°0	2°32'1°49	8°3'21°43	1°7'2°40	18°18'5°13						
T 6	18 53 13	13°14'19"	24°17'26°21	27°36'10°32	27°12'2°30	1°47'8°6	21°44'1°5	2°37'18°25	5°10'5°10						
F 7	18 57 10	14°11'32"	8°11'32"	28°16'28°34	10°46'27°24	2°27'1°45	8°8'21°45	1°D5'2°33	18°31'5°7						
S 8	19 1 6	15°8'44"	22°13'00°9	29°31'11°1	27°35'2°25	1°42'8°10	21°47'1°6	2°30'18°38	5°4'5°4						
S 9	19 5 3	16°5'57"	6°19'2°0	0°11'29	11°16'27°47	2°23'1°40	8°12'21°48	1°7'2°27	18°45'5°1						
M10	19 8 59	17°3'10"	20°29'3°49	1°27'11°32	27°59'2°20	1°38'8°15	21°49'1°R8	2°24'18°51	4°58'4°58						
T 11	19 12 56	18°0'22"	4°11'42"	5°36'2°26	11°48'28°10	2°18'1°35	8°17'21°51	1°6'2°21	18°58'4°55						
W12	19 16 52	18°57'34"	18°55'7°21	3°25'12°5	28°21'2°15	1°33'8°19	21°52'1°4	2°18'19°5	4°51'4°51						
T 13	19 20 49	19°54'47"	3°11'9°4	4°25'12°23	28°33'2°13	1°31'8°21	21°53'0°59	2°14'19°12	4°48'4°48						
F 14	19 24 46	20°51'59"	17°9'10°45	5°25'12°41	28°44'2°10	1°29'8°23	21°54'0°53	2°11'19°18	4°45'4°45						
S 15	19 28 42	21°49'12"	1°3'2	12°24'6°25	13°0'28°55	2°7'1°26	8°26'21°56	0°47'2°8	19°25'4°42						
S 16	19 32 39	22°46'25"	14°42'14°2	7°25'13°19	29°6'2°4	1°24'8°28	21°57'0°41	2°5'19°32	4°38'4°38						
M17	19 36 35	23°43'38"	28°5'15°37	8°26'13°39	29°17'2°1	1°22'8°30	21°58'0°37	2°2'19°38	4°35'4°35						
T 18	19 40 32	24°40'52"	11°11'10	17°10'9°27	13°59'29°28	1°58'1°20	8°32'21°59	0°33'1°59	19°45'4°32						
W19	19 44 28	25°38'06"	23°56'18°42	10°28'14°19	29°39'1°55	1°18'8°34	22°0'0°32	1°55'19°52	4°29'4°29						
T 20	19 48 25	26°35'21"	6°11'25	20°11'11°30	14°41'29°49	1°52'1°15	8°36'22°2	0°D32'1°52	19°58'4°25						
F 21	19 52 21	27°32'36"	18°38'21°38	12°32'15°2	0°11'0	1°49'1°13	8°38'22°3	0°33'1°49	20°5'4°22						
S 22	19 56 18	28°29'52"	0°11'40	23°4'13°34	15°25'0°10	1°45'1°11	8°41'22°4	0°34'1°46	20°12'4°19						
S 23	20 0 15	29°27'09"	12°35'24°27	14°37'15°47	0°21'1°42	1°9'8°43	22°5'0°36	1°43'20°18	4°15'4°15						
M24	20 4 11	0°12'42"	24°26'25°48	15°40'16°10	0°31'1°38	1°7'8°45	22°6'0°37	1°39'20°25	4°12'4°12						
T 25	20 8 8	1°21'46"	6°11'19	27°7'16°43	16°34'0°41	1°35'1°5	8°47'22°8	0°R37'1°36	20°32'4°8						
W26	20 12 4	2°19'05"	18°19'28°24	17°46'16°58	0°51'1°31	1°3'8°49	22°9'0°36	1°33'20°38	4°5'4°5						
T 27	20 16 1	3°16'26"	0°11'30	29°39'18°50	17°22'1°1	1°28'1°1	8°51'22°10	0°34'1°30	20°45'4°2						
F 28	20 19 57	4°13'48"	12°56'0°11	19°53'17°47	1°11'1°24	0°59'8°53	22°11'0°30	1°27'20°52	3°58'3°58						
S 29	20 23 54	5°11'10"	25°41'2°2	20°58'18°12	1°20'1°20	0°57'8°55	22°12'0°27	1°24'20°59	3°55'3°55						
S30	20 27 50	6°8'34"	8°45'3°9	22°2'18°38	1°30'1°16	0°56'8°57	22°13'0°23	1°20'21°5	3°52'3°52						
M31	20 31 47	7°5'58"	22°9'4°11	23°11'19°11	1°40'1°11	0°54'8°59	22°14'0°20	1°17'21°17	3°48'3°48						

Delta T = 4.61 sec.

AUGUST 1905

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	20 35 44	8°12'32"	5°12'53"	5°11'17"	24°11'11"	19°11'31"	1°11'49"	1°R8	0°R52	9°5'1	22°11'15"	0°R17	1°11'14"	21°11'19"	3°R45
W 2	20 39 40	9°0'50"	19°52'6°17	25°16'19°58	1°58'1°11	4'0°50	9°3'22°16	0°11'16"	1°11'21°25	3°44'3°44					
T 3	20 43 37	9°58'17"	4°11'4	7°14'26°21	20°25'2°7	1°0'0°48	9°5'22°17	0°D16'1°8	21°32'3°38						
F 4	20 47 33	10°55'45"	18°24'8°8	27°26'20°52	2°16'0°56	0°47'9°7	22°18'0°16	1°5'21°39	3°35'3°35						
S 5	20 51 30	11°53'14"	2°11'48	8°59'28°32	21°21'2°25	0°52'0°45	9°9'22°19	0°17'1°1	21°45'3°31						
S 6	20 55 26	12°50'43"	17°11'9°47	29°37'21°49	2°34'0°48	0°44'9°11	22°20'0°19	0°58'21°52	3°28'3°28						
M 7	20 59 23	13°48'14"	1°11'30	10°31'0°54	22°18'2°42	0°44'9°13	22°21'0°19	0°55'21°59	3°25'3°25						
T 8	21 3 19	14°45'44"	15°43'11°12	1°49'22°47	2°51'0°40	0°40'9°15	22°22'0°R20	0°52'22°5	3°22'3°22						
W 9	21 7 16	15°43'16"	29°46'11°48	2°55'23°16	2°59'0°35	0°39'9°17	22°23'0°19	0°49'22°12	3°18'3°18						
T 10	21 11 12	16°40'49"	13°11'30	12°21'4°2	23°46'3°7	0°31'0°37	9°19'22°24	0°18'0°45	22°19'3°15						
F 11	21 15 9	17°38'22"	27°19'12°50	5°8'24°16	3°15'0°27	0°36'9°21	22°25'0°17	0°42'22°26	3°12'3°12						
S 12	21 19 6	18°35'57"	10°35'47	13°14'6°15	24°46'3°23	0°22'0°35	9°22'22°26	0°15'0°39	22°32'3°9						
S 13	21 23 2	19°33'32"	24°1'13°34	7°22'25°17	3°31'0°18	0°33'9°24	22°26'0°14	0°36'22°39	3°5'3°5						
M14	21 26 59	20°31'09"	7°11'13°49	8°29'25°48	3°39'0°14	0°32'9°26	22°27'0°13	0°33'22°46	3°2'3°2						
T 15	21 30 55	21°28'46"	19°46'13°59	9°36'26°19	3°46'0°9	0°31'9°28	22°28'0°12	0°30'22°52	2°59'2°59						
W16	21 34 52	22°26'25"	2°11'18	14°R3'10°43	26°51'3°54	0°5'0°30	9°30'22°29	0°D12'0°26	22°59'2°56						
T 17	21 38 48	23°24'05"	14°37'14°3	11°51'27°23	4°1'0°0	0°28'9°31	22°30'0°12	0°23'23°6	2°53'2°53						
F 18	21 42 45	24°21'47"	26°44'13°56	12°59'27°55	4°8'29°56	0°27'9°33	22°30'0°13	0°20'23°12	2°50'2°50						
S 19	21 46 41	25°19'30"	8°11'43	13°44'14°6	28°27'4°15	29°51'0°26	9°35'22°31	0°13'0°17	23°19'2°47						
S 20	21 50 38	26°17'15"	20°36'13°26	15°14'29°0	4°22'29°47	0°25'9°36	22°32'0°14	0°14'23°26	2°44'2°44						
M21	21 54 35	27°15'01"	2°11'27	13°3'16°23	29°33'4°28	0°24'9°38	22°33'0°14	0°11'23°33	2°41'2°41						
T 22	21 58 31	28°12'49"	14°20'12°33	17°31'0°11	6'4°35	29°38'0°23	9°40'22°33	0°15'0°7	23°39'2°38						
W23	22 2 28	29°10'38"	26°19'11°59	18°39'0°40	4°41'29°33	0°22'9°41	22°34'0°15	0°4'23°46	2°35'2°35						
T 24	22 6 24	0°11'8'30	8°11'29	11°19'19°48	1°13'4°47	29°28'0°22	9°43'22°35	0°15'0°1	23°53'2°32						
F 25	22 10 21	1°6'23	20°54'10°35	20°57'1°47	4°53'29°24	0°21'9°44	22°35'0°15	29°58'23°59	2°30'2°30						
S 26	22 14 17	2°4'18	3°39'9°46	22°5'2°22	4°59'29°19	0°20'9°46	22°36'0°15	29°55'24°6	2°27'2°27						
S 27	22 18 14	3°2'15	16°46'8°54	23°14'2°56	5°5'29°15	0°19'9°47	22°36'0°15	29°51'24°13	2°24'2°24						
M28	22 22 10	4°0'13	0°11'17	8°0'24°24	3°31'5°10	29°10'0°19	9°49'22°37	0°15'29°48	2°22'2°22						
T 29	22 26 7	4°58'13	14°11'7°5	25°33'4°6	5°15'29°6	0°18'9°50	22°38'0°16	29°45'24°26	2°19'2°19						
W30	22 30 4	5°56'15	28°28'6°9	26°42'4°41	5°21'29°1	0°17'9°52	22°38'0°R16	29°42'24°33	2°16'2°16						
T 31	22 34 0	6°11'54'19	13°11'3	5°11'13	27°52'5	5°11'26	28°57'0°17	9°53'22°11	0°16'29°43	24°13'24°13					

Delta T = 4.74 sec.

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# SWISS EPHEMERIS for the year 1905

SEPTEMBER 1905

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	22 37 57	7 <sup>h</sup> 52'24"	27 <sup>h</sup> 49'	4°R20	29 <sup>h</sup> 51'	5 <sup>h</sup> 52'	5 <sup>h</sup> 30'	28°R52	0°R17	9 <sup>h</sup> 54'	22 <sup>h</sup> 39'	0°R15	29 <sup>h</sup> 36'	24 <sup>h</sup> 46'	2°R11
S 2	22 41 53	8°50'31"	12 <sup>h</sup> 43'	3 <sup>h</sup> 30'	0 <sup>h</sup> 11'	6°28'	5°35'	28°48'	0°16'	9°56'	22°40'	0 <sup>h</sup> 14'	29°32'	24°53'	2°28' 9
S 3	22 45 50	9°48'39"	27°26'	2°45'	1°21'	7° 4'	5°39'	28°44'	0°16'	9°57'	22°40'	0°13'	29°29'	25° 0'	2° 6'
M 4	22 49 46	10°46'48"	12 <sup>h</sup> 3'	2° 5'	2°31'	7°41'	5°44'	28°39'	0°15'	9°58'	22°40'	0°12'	29°26'	25° 6'	2° 4'
T 5	22 53 43	11°44'59"	26°25'	1°31'	3°41'	8°17'	5°48'	28°35'	0°15'	10° 0'	22°41'	0°11'	29°23'	25°13'	2° 2'
W 6	22 57 39	12°43'12"	10 <sup>h</sup> 29'	1° 5'	4°51'	8°54'	5°52'	28°30'	0°15'	10° 1'	22°41'	0°D11'	29°20'	25°20'	2° 0'
T 7	23 1 36	13°41'26"	24°15'	0°46'	6° 1'	9°31'	5°55'	28°26'	0°15'	10° 2'	22°42'	0°11'	29°16'	25°26'	1°57'
F 8	23 5 33	14°39'42"	7 <sup>h</sup> 41'	0°36'	7°11'	10° 8'	5°59'	28°22'	0°15'	10° 3'	22°42'	0°12'	29°13'	25°33'	1°55'
S 9	23 9 29	15°37'59"	20°50'	0°D35'	8°22'	10°45'	6° 2'	28°18'	0°15'	10° 4'	22°42'	0°13'	29°10'	25°40'	1°53'
S 10	23 13 26	16°36'17"	3 <sup>h</sup> 43'	0°43'	9°33'	11°23'	6° 6'	28°13'	0°D15'	10° 6'	22°43'	0°14'	29° 7'	25°46'	1°51'
M 11	23 17 22	17°34'37"	16°21'	1° 0'	10°43'	12° 1'	6° 9'	28° 9'	0°15'	10° 7'	22°43'	0°16'	29° 4'	25°53'	1°49'
T 12	23 21 19	18°32'59"	28°48'	1°26'	11°54'	12°39'	6°11'	28° 5'	0°15'	10° 8'	22°43'	0°R16'	29° 1'	26° 0'	1°47'
W 13	23 25 15	19°31'23"	11 <sup>h</sup> 4'	2° 1'	13° 5'	13°17'	6°14'	28° 1'	0°15'	10° 9'	22°43'	0°16'	28°57'	26° 7'	1°45'
T 14	23 29 12	20°29'48"	23°12'	2°44'	14°16'	13°55'	6°16'	27°57'	0°15'	10°10'	22°44'	0°14'	28°54'	26°13'	1°44'
F 15	23 33 8	21°28'16"	5 <sup>h</sup> 12'	3°36'	15°27'	14°33'	6°19'	27°53'	0°15'	10°11'	22°44'	0°12'	28°51'	26°20'	1°42'
S 16	23 37 5	22°26'45"	17° 7'	4°35'	16°38'	15°12'	6°21'	27°49'	0°16'	10°12'	22°44'	0° 9'	28°48'	26°27'	1°40'
S 17	23 41 1	23°25'16"	28°58'	5°41'	17°50'	15°51'	6°23'	27°45'	0°16'	10°13'	22°44'	0° 5'	28°45'	26°33'	1°39'
M 18	23 44 58	24°23'49"	10 <sup>h</sup> 49'	6°54'	19° 1'	16°30'	6°24'	27°42'	0°16'	10°13'	22°44'	0° 1'	28°42'	26°40'	1°37'
T 19	23 48 55	25°22'25"	22°42'	8°13'	20°12'	17° 9'	6°26'	27°38'	0°17'	10°14'	22°44'	29°57'	28°38'	26°47'	1°36'
W 20	23 52 51	26°21'02"	4 <sup>h</sup> 40'	9°37'	21°24'	17°48'	6°27'	27°34'	0°17'	10°15'	22°44'	29°54'	28°35'	26°53'	1°34'
T 21	23 56 48	27°19'42"	16°48'	11° 6'	22°36'	18°27'	6°28'	27°30'	0°18'	10°16'	22°44'	29°52'	28°32'	27° 0'	1°33'
F 22	0 0 44	28°18'24"	29°10'	12°39'	23°48'	19° 7'	6°29'	27°27'	0°19'	10°17'	22°45'	29°D52'	28°29'	27° 7'	1°32'
S 23	0 4 41	29°17'09"	11 <sup>h</sup> 49'	14°15'	24°59'	19°47'	6°30'	27°23'	0°19'	10°17'	22°R45'	29°53'	28°26'	27°14'	1°30'
S 24	0 8 37	0 <sup>h</sup> 15'56"	24°51'	15°55'	26°11'	20°27'	6°30'	27°20'	0°20'	10°18'	22°45'	29°54'	28°22'	27°20'	1°29'
M 25	0 12 34	1°14'44"	8 <sup>h</sup> 18'	17°36'	27°23'	21° 7'	6°30'	27°17'	0°21'	10°19'	22°45'	29°55'	28°19'	27°27'	1°28'
T 26	0 16 30	2°13'36"	22°13'	19°20'	28°36'	21°47'	6°R30'	27°13'	0°21'	10°19'	22°44'	29°57'	28°16'	27°34'	1°27'
W 27	0 20 27	3°12'29"	6 <sup>h</sup> 34'	21° 5'	29°48'	22°27'	6°30'	27°10'	0°22'	10°20'	22°44'	29°R57'	28°13'	27°40'	1°26'
T 28	0 24 24	4°11'24"	21°19'	22°52'	1 <sup>h</sup> 0'	23° 8'	6°30'	27° 7'	0°23'	10°21'	22°44'	29°55'	28°10'	27°47'	1°25'
F 29	0 28 20	5°10'22"	6 <sup>h</sup> 42'	24°39'	2°13'	23°48'	6°29'	27° 4'	0°24'	10°21'	22°44'	29°52'	28° 7'	27°54'	1°24'
S 30	0 32 17	6 <sup>h</sup> 49'21"	21 <sup>h</sup> 43'	26 <sup>h</sup> 27'	3 <sup>h</sup> 25'	24 <sup>h</sup> 29'	6 <sup>h</sup> 29'	27 <sup>h</sup> 1'	0°25'	10°22'	22 <sup>h</sup> 44'	29°57'	28° 3'	28° 0'	1 <sup>h</sup> 24'

Delta T = 4.87 sec.

OCTOBER 1905

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	0 36 13	7 <sup>h</sup> 48'23"	6 <sup>h</sup> 42'	28 <sup>h</sup> 15'	4 <sup>h</sup> 38'	25 <sup>h</sup> 10'	6°R28'	26°R58'	0°26'	10°22'	22°R44'	29°R42'	28° 0'	28° 7'	1°R23'
M 2	0 40 10	8° 7'26"	21°40'	0 <sup>h</sup> 43'	5°50'	25°51'	6°R26'	26°55'	0°27'	10°22'	22°R44'	29°R36'	27°57'	28°14'	1°22'
T 3	0 44 6	9° 6'31"	6 <sup>h</sup> 19'	1°51'	7° 3'	26°32'	6°25'	26°52'	0°29'	10°23'	22°43'	29°32'	27°54'	28°21'	1°22'
W 4	0 48 3	10° 5'38"	20°33'	3°39'	8°16'	27°13'	6°24'	26°50'	0°30'	10°23'	22°43'	29°28'	27°51'	28°27'	1°21'
T 5	0 51 59	11° 4'47"	4 <sup>h</sup> 32'	5°27'	9°29'	27°55'	6°22'	26°47'	0°31'	10°24'	22°43'	29°27'	27°48'	28°34'	1°21'
F 6	0 55 56	12° 3'58"	17°45'	7°14'	10°41'	28°36'	6°20'	26°44'	0°32'	10°24'	22°43'	29°D27'	27°44'	28°41'	1°21'
S 7	0 59 53	13° 3'10"	0 <sup>h</sup> 45'	9° 0'	11°54'	29°18'	6°18'	26°42'	0°34'	10°24'	22°42'	29°28'	27°41'	28°47'	1°20'
S 8	1 3 49	14° 2'24"	13°25'	10°46'	13° 7'	0° 0'	6°15'	26°40'	0°35'	10°24'	22°42'	29°29'	27°38'	28°54'	1°20'
M 9	1 7 46	15° 1'40"	25°50'	12°32'	14°21'	0°42'	6°13'	26°37'	0°37'	10°25'	22°42'	29°R30'	27°35'	29° 1'	1°20'
T 10	1 11 42	16° 0'57"	8 <sup>h</sup> 3'	14°17'	15°34'	1°24'	6°10'	26°35'	0°38'	10°25'	22°41'	29°30'	27°32'	29° 8'	1°D20'
W 11	1 15 39	17° 0'17"	20° 7'	16° 1'	16°47'	2° 6'	6° 7'	26°33'	0°40'	10°25'	22°41'	29°27'	27°28'	29°14'	1°20'
T 12	1 19 35	17°59'38"	2° 5'	17°44'	18° 0'	2°48'	6° 4'	26°31'	0°41'	10°25'	22°41'	29°23'	27°25'	29°21'	1°20'
F 13	1 23 32	18°59'02"	13°59'	19°27'	19°14'	3°30'	6° 1'	26°29'	0°43'	10°25'	22°40'	29°16'	27°22'	29°28'	1°20'
S 14	1 27 28	19°58'27"	25°51'	21° 9'	20°27'	4°13'	5°57'	26°28'	0°45'	10°R25'	22°40'	29° 7'	27°19'	29°34'	1°21'
S 15	1 31 25	20°57'54"	7 <sup>h</sup> 42'	22°50'	21°41'	4°55'	5°53'	26°26'	0°46'	10°25'	22°39'	28°57'	27°16'	29°41'	1°21'
M 16	1 35 22	21°57'24"	19°35'	24°30'	22°54'	5°38'	5°50'	26°24'	0°48'	10°25'	22°39'	28°47'	27°13'	29°48'	1°21'
T 17	1 39 18	22°56'56"	1 <sup>h</sup> 30'	26°10'	24° 8'	6°21'	5°45'	26°23'	0°50'	10°25'	22°38'	28°37'	27° 9'	29°54'	1°22'
W 18	1 43 15	23°56'30"	13°31'	27°50'	25°22'	7° 4'	5°41'	26°21'	0°52'	10°25'	22°38'	28°28'	27° 6'	0° 1'	1°22'
T 19	1 47 11	24°56'06"	25°40'	29°28'	26°35'	7°47'	5°37'	26°20'	0°54'	10°25'	22°37'	28°22'	27° 3'	0° 8'	1°23'
F 20	1 51 8	25°55'45"	8 <sup>h</sup> 40'	1 <sup>h</sup> 6'	27°49'	8°30'	5°32'	26°19'	0°56'	10°24'	22°37'	28°18'	27° 0'	0°15'	1°23'
S 21	1 55 4	26°55'25"	20°35'	2°44'	29° 3'	9°13'	5°27'	26°18'	0°58'	10°24'	22°36'	28°16'	26°57'	0°21'	1°24'
S 22	1 59 1	27°55'08"	3 <sup>h</sup> 30'	4°20'	0 <sup>h</sup> 17'	9°56'	5°22'	26°17'	1° 0'	10°24'	22°36'	28°D16'	26°53'	0°28'	1°25'
M 23	2 2 57	28°54'54"	16°49'	5°57'	1°31'	10°39'	5°17'	26°16'	1° 2'	10°24'	22°35'	28°17'	26°50'	0°35'	1°26'
T 24	2 6 54	29°54'41"	0 <sup>h</sup> 33'	7°32'	2°45'	11°23'	5°12'	26°15'	1° 4'	10°23'	22°34'	28°R17'	26°47'	0°41'	1°27'
W 25	2 10 50	0 <sup>h</sup> 54'31"	14°46'	9° 7'	3°59'	12° 6'	5° 6'	26°14'	1° 6'	10°23'	22°34'	28°16'	26°44'	0°48'	1°28'
T 26	2 14 47	1°54'23"	29°26'	10°42'	5°13'	12°50'	5° 1'	26°14'	1° 8'	10°23'	22°33'	28°12'	26°41'	0°55'	1°29'
F 27	2 18 44	2°54'17"	14 <sup>h</sup> 28'	12°16'	6°27'	13°33'	4°55'	26°13'	1°11'	10°22'	22°32'	28° 6'	26°38'	1° 2'	1°30'
S 28	2 22 40	3°54'13"	29°45'	13°49'	7°42'	14°17'	4°49'	26°13'	1°13'	10°22'	22°32'	27°58'	26°34'	1° 8'	1°31'
S 29	2 26 37	4°54'11"	15 <sup>h</sup> 5'	15°23'	8°56'	15° 1'	4°43'	26°12'	1°15'	10°21'	22°31'	27°48'	26°31'	1°15'	1°33'
M 30	2 30 33	5°54'11"	0 <sup>h</sup> 17'	16°55'	10°10'	15°45'	4°37'	26°12'	1°18'	10°21'	22°30'	27°38'	26°28'	1°22'	1°34'
T 31	2 34 30	6 <sup>h</sup> 54'13"	15 <sup>h</sup> 10'	18 <sup>h</sup> 27'	11 <sup>h</sup> 24'	16°29'	4 <sup>h</sup> 30'	26°D12'	1°20'	10°20'	22°29'	27°R28'	26°R25'	1°28'	1°35'

Delta T = 4.99 sec.

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# SWISS EPHEMERIS for the year 1905

NOVEMBER 1905

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	2 38 26	7 <sup>h</sup> 54'16"	29 <sup>h</sup> 38'	19 <sup>h</sup> 59'	12 <sup>h</sup> 39'	17 <sup>h</sup> 13'	4 <sup>h</sup> R24	26 <sup>h</sup> 12'	1 <sup>h</sup> 23'	10 <sup>h</sup> R20	22 <sup>h</sup> R29	27 <sup>h</sup> R21	26 <sup>h</sup> 22'	1 <sup>h</sup> 35'	1 <sup>h</sup> 37'
T 2	2 42 23	8 <sup>h</sup> 54'22"	13 <sup>h</sup> 36'	21 <sup>h</sup> 30'	13 <sup>h</sup> 53'	17 <sup>h</sup> 57'	4 <sup>h</sup> II17	26 <sup>h</sup> 12'	1 <sup>h</sup> 25'	10 <sup>h</sup> 19	22 <sup>h</sup> II28	27 <sup>h</sup> 16'	26 <sup>h</sup> 19'	1 <sup>h</sup> 42'	1 <sup>h</sup> 38'
F 3	2 46 19	9 <sup>h</sup> 54'28"	27 <sup>h</sup> 5'	23 <sup>h</sup> 1'	15 <sup>h</sup> 8'	18 <sup>h</sup> 41'	4 <sup>h</sup> 10	26 <sup>h</sup> 12'	1 <sup>h</sup> 28'	10 <sup>h</sup> 19	22 <sup>h</sup> 27'	27 <sup>h</sup> 13'	26 <sup>h</sup> 15'	1 <sup>h</sup> 49'	1 <sup>h</sup> 40'
S 4	2 50 16	10 <sup>h</sup> 54'37"	10 <sup>h</sup> 6'	24 <sup>h</sup> 31'	16 <sup>h</sup> 22'	19 <sup>h</sup> 26'	4 <sup>h</sup> 4	26 <sup>h</sup> 13'	1 <sup>h</sup> 30'	10 <sup>h</sup> 18	22 <sup>h</sup> 26'	27 <sup>h</sup> D13	26 <sup>h</sup> 12'	1 <sup>h</sup> 55'	1 <sup>h</sup> 42'
S 5	2 54 13	11 <sup>h</sup> 54'46"	22 <sup>h</sup> 44'	26 <sup>h</sup> 1'	17 <sup>h</sup> 37'	20 <sup>h</sup> 10'	3 <sup>h</sup> 57'	26 <sup>h</sup> 13'	1 <sup>h</sup> 33'	10 <sup>h</sup> 17	22 <sup>h</sup> 25'	27 <sup>h</sup> R13	26 <sup>h</sup> 9'	2 <sup>h</sup> 2'	1 <sup>h</sup> 44'
M 6	2 58 9	12 <sup>h</sup> 54'57"	5 <sup>h</sup> 3'	27 <sup>h</sup> 30'	18 <sup>h</sup> 51'	20 <sup>h</sup> 55'	3 <sup>h</sup> 49'	26 <sup>h</sup> 14'	1 <sup>h</sup> 35'	10 <sup>h</sup> 16	22 <sup>h</sup> 25'	27 <sup>h</sup> 13'	26 <sup>h</sup> 6'	2 <sup>h</sup> 9'	1 <sup>h</sup> 45'
T 7	3 2 6	13 <sup>h</sup> 55'10"	17 <sup>h</sup> 9'	28 <sup>h</sup> 59'	20 <sup>h</sup> 6'	21 <sup>h</sup> 39'	3 <sup>h</sup> 42'	26 <sup>h</sup> 14'	1 <sup>h</sup> 38'	10 <sup>h</sup> 16	22 <sup>h</sup> 24'	27 <sup>h</sup> 11'	26 <sup>h</sup> 3'	2 <sup>h</sup> 15'	1 <sup>h</sup> 47'
W 8	3 6 2	14 <sup>h</sup> 55'24"	29 <sup>h</sup> 7'	0 <sup>h</sup> 28'	21 <sup>h</sup> 21'	22 <sup>h</sup> 24'	3 <sup>h</sup> 35'	26 <sup>h</sup> 15'	1 <sup>h</sup> 41'	10 <sup>h</sup> 15	22 <sup>h</sup> 23'	27 <sup>h</sup> 7'	25 <sup>h</sup> 59'	2 <sup>h</sup> 22'	1 <sup>h</sup> 49'
T 9	3 9 59	15 <sup>h</sup> 55'40"	10 <sup>h</sup> 59'	1 <sup>h</sup> 56'	22 <sup>h</sup> 35'	23 <sup>h</sup> 8'	3 <sup>h</sup> 27'	26 <sup>h</sup> 16'	1 <sup>h</sup> 44'	10 <sup>h</sup> 14	22 <sup>h</sup> 22'	27 <sup>h</sup> 0'	25 <sup>h</sup> 56'	2 <sup>h</sup> 29'	1 <sup>h</sup> 51'
F 10	3 13 55	16 <sup>h</sup> 55'58"	22 <sup>h</sup> 50'	3 <sup>h</sup> 23'	23 <sup>h</sup> 50'	23 <sup>h</sup> 53'	3 <sup>h</sup> 20'	26 <sup>h</sup> 17'	1 <sup>h</sup> 46'	10 <sup>h</sup> 13	22 <sup>h</sup> 21'	26 <sup>h</sup> 50'	25 <sup>h</sup> 53'	2 <sup>h</sup> 35'	1 <sup>h</sup> 53'
S 11	3 17 52	17 <sup>h</sup> 56'17"	4 <sup>h</sup> 41'	4 <sup>h</sup> 50'	25 <sup>h</sup> 5'	24 <sup>h</sup> 38'	3 <sup>h</sup> 12'	26 <sup>h</sup> 18'	1 <sup>h</sup> 49'	10 <sup>h</sup> 12	22 <sup>h</sup> 20'	26 <sup>h</sup> 38'	25 <sup>h</sup> 50'	2 <sup>h</sup> 42'	1 <sup>h</sup> 56'
S 12	3 21 48	18 <sup>h</sup> 56'37"	16 <sup>h</sup> 35'	6 <sup>h</sup> 16'	26 <sup>h</sup> 20'	25 <sup>h</sup> 22'	3 <sup>h</sup> 5'	26 <sup>h</sup> 19'	1 <sup>h</sup> 52'	10 <sup>h</sup> 11	22 <sup>h</sup> 19'	26 <sup>h</sup> 24'	25 <sup>h</sup> 47'	2 <sup>h</sup> 49'	1 <sup>h</sup> 58'
M13	3 25 45	19 <sup>h</sup> 57'00"	28 <sup>h</sup> 33'	7 <sup>h</sup> 42'	27 <sup>h</sup> 34'	26 <sup>h</sup> 7'	2 <sup>h</sup> 57'	26 <sup>h</sup> 20'	1 <sup>h</sup> 55'	10 <sup>h</sup> 10	22 <sup>h</sup> 18'	26 <sup>h</sup> 9'	25 <sup>h</sup> 44'	2 <sup>h</sup> 56'	2 <sup>h</sup> 0'
T 14	3 29 42	20 <sup>h</sup> 57'24"	10 <sup>h</sup> 36'	9 <sup>h</sup> 7'	28 <sup>h</sup> 49'	26 <sup>h</sup> 52'	2 <sup>h</sup> 49'	26 <sup>h</sup> 22'	1 <sup>h</sup> 58'	10 <sup>h</sup> 10	22 <sup>h</sup> 17'	25 <sup>h</sup> 55'	25 <sup>h</sup> 40'	3 <sup>h</sup> 2'	2 <sup>h</sup> 2'
W15	3 33 38	21 <sup>h</sup> 57'50"	22 <sup>h</sup> 44'	10 <sup>h</sup> 31'	0 <sup>h</sup> 4'	27 <sup>h</sup> 37'	2 <sup>h</sup> 41'	26 <sup>h</sup> 23'	2 <sup>h</sup> 1'	10 <sup>h</sup> 9	22 <sup>h</sup> 16'	25 <sup>h</sup> 42'	25 <sup>h</sup> 37'	3 <sup>h</sup> 9'	2 <sup>h</sup> 5'
T 16	3 37 35	22 <sup>h</sup> 58'17"	5 <sup>h</sup> 1'	11 <sup>h</sup> 55'	1 <sup>h</sup> 19'	28 <sup>h</sup> 22'	2 <sup>h</sup> 33'	26 <sup>h</sup> 25'	2 <sup>h</sup> 4'	10 <sup>h</sup> 8	22 <sup>h</sup> 15'	25 <sup>h</sup> 32'	25 <sup>h</sup> 34'	3 <sup>h</sup> 16'	2 <sup>h</sup> 7'
F 17	3 41 31	23 <sup>h</sup> 58'46"	17 <sup>h</sup> 27'	13 <sup>h</sup> 17'	2 <sup>h</sup> 34'	29 <sup>h</sup> 7'	2 <sup>h</sup> 25'	26 <sup>h</sup> 26'	2 <sup>h</sup> 7'	10 <sup>h</sup> 6	22 <sup>h</sup> 14'	25 <sup>h</sup> 25'	25 <sup>h</sup> 31'	3 <sup>h</sup> 22'	2 <sup>h</sup> 10'
S 18	3 45 28	24 <sup>h</sup> 59'18"	0 <sup>h</sup> 6'	14 <sup>h</sup> 39'	3 <sup>h</sup> 49'	29 <sup>h</sup> 52'	2 <sup>h</sup> 17'	26 <sup>h</sup> 28'	2 <sup>h</sup> 10'	10 <sup>h</sup> 5	22 <sup>h</sup> 13'	25 <sup>h</sup> 22'	25 <sup>h</sup> 28'	3 <sup>h</sup> 29'	2 <sup>h</sup> 12'
S 19	3 49 24	25 <sup>h</sup> 59'50"	12 <sup>h</sup> 59'	15 <sup>h</sup> 59'	5 <sup>h</sup> 4'	0 <sup>h</sup> 37'	2 <sup>h</sup> 9'	26 <sup>h</sup> 30'	2 <sup>h</sup> 13'	10 <sup>h</sup> 4	22 <sup>h</sup> 12'	25 <sup>h</sup> 20'	25 <sup>h</sup> 25'	3 <sup>h</sup> 36'	2 <sup>h</sup> 15'
M20	3 53 21	27 <sup>h</sup> 0'25"	26 <sup>h</sup> 12'	17 <sup>h</sup> 19'	6 <sup>h</sup> 19'	1 <sup>h</sup> 22'	2 <sup>h</sup> 1'	26 <sup>h</sup> 32'	2 <sup>h</sup> 16'	10 <sup>h</sup> 3	22 <sup>h</sup> 11'	25 <sup>h</sup> 20'	25 <sup>h</sup> 21'	3 <sup>h</sup> 43'	2 <sup>h</sup> 18'
T 21	3 57 17	28 <sup>h</sup> 1'01"	9 <sup>h</sup> 47'	18 <sup>h</sup> 36'	7 <sup>h</sup> 34'	2 <sup>h</sup> 8'	1 <sup>h</sup> 53'	26 <sup>h</sup> 34'	2 <sup>h</sup> 19'	10 <sup>h</sup> 2	22 <sup>h</sup> 10'	25 <sup>h</sup> 20'	25 <sup>h</sup> 18'	3 <sup>h</sup> 49'	2 <sup>h</sup> 21'
W22	4 1 14	29 <sup>h</sup> 1'40"	23 <sup>h</sup> 46'	19 <sup>h</sup> 52'	8 <sup>h</sup> 49'	2 <sup>h</sup> 53'	1 <sup>h</sup> 45'	26 <sup>h</sup> 36'	2 <sup>h</sup> 22'	10 <sup>h</sup> 1	22 <sup>h</sup> 9'	25 <sup>h</sup> 18'	25 <sup>h</sup> 15'	3 <sup>h</sup> 56'	2 <sup>h</sup> 23'
T 23	4 5 11	0 <sup>h</sup> 2'19"	8 <sup>h</sup> 10'	21 <sup>h</sup> 7'	10 <sup>h</sup> 4'	3 <sup>h</sup> 38'	1 <sup>h</sup> 36'	26 <sup>h</sup> 39'	2 <sup>h</sup> 25'	10 <sup>h</sup> 0	22 <sup>h</sup> 8'	25 <sup>h</sup> 14'	25 <sup>h</sup> 12'	4 <sup>h</sup> 3'	2 <sup>h</sup> 26'
F 24	4 9 7	1 <sup>h</sup> 3'01"	22 <sup>h</sup> 56'	22 <sup>h</sup> 19'	11 <sup>h</sup> 19'	4 <sup>h</sup> 23'	1 <sup>h</sup> 28'	26 <sup>h</sup> 41'	2 <sup>h</sup> 29'	9 <sup>h</sup> 58	22 <sup>h</sup> 7'	25 <sup>h</sup> 8'	25 <sup>h</sup> 9'	4 <sup>h</sup> 9'	2 <sup>h</sup> 29'
S 25	4 13 4	2 <sup>h</sup> 3'44"	7 <sup>h</sup> 59'	23 <sup>h</sup> 28'	12 <sup>h</sup> 34'	5 <sup>h</sup> 9'	1 <sup>h</sup> 20'	26 <sup>h</sup> 43'	2 <sup>h</sup> 32'	9 <sup>h</sup> 57	22 <sup>h</sup> 6'	24 <sup>h</sup> 58'	25 <sup>h</sup> 5'	4 <sup>h</sup> 16'	2 <sup>h</sup> 32'
S 26	4 17 0	3 <sup>h</sup> 4'29"	23 <sup>h</sup> 11'	24 <sup>h</sup> 35'	13 <sup>h</sup> 50'	5 <sup>h</sup> 54'	1 <sup>h</sup> 12'	26 <sup>h</sup> 46'	2 <sup>h</sup> 35'	9 <sup>h</sup> 56	22 <sup>h</sup> 5'	24 <sup>h</sup> 47'	25 <sup>h</sup> 2'	4 <sup>h</sup> 23'	2 <sup>h</sup> 35'
M27	4 20 57	4 <sup>h</sup> 5'15"	8 <sup>h</sup> 19'	25 <sup>h</sup> 39'	15 <sup>h</sup> 5'	6 <sup>h</sup> 40'	1 <sup>h</sup> 4'	26 <sup>h</sup> 49'	2 <sup>h</sup> 38'	9 <sup>h</sup> 55	22 <sup>h</sup> 4'	24 <sup>h</sup> 35'	24 <sup>h</sup> 59'	4 <sup>h</sup> 30'	2 <sup>h</sup> 38'
T 28	4 24 53	5 <sup>h</sup> 6'02"	23 <sup>h</sup> 15'	26 <sup>h</sup> 39'	16 <sup>h</sup> 20'	7 <sup>h</sup> 25'	0 <sup>h</sup> 56'	26 <sup>h</sup> 51'	2 <sup>h</sup> 42'	9 <sup>h</sup> 53	22 <sup>h</sup> 2'	24 <sup>h</sup> 24'	24 <sup>h</sup> 56'	4 <sup>h</sup> 36'	2 <sup>h</sup> 42'
W29	4 28 50	6 <sup>h</sup> 6'51"	7 <sup>h</sup> 38'	27 <sup>h</sup> 35'	17 <sup>h</sup> 35'	8 <sup>h</sup> 11'	0 <sup>h</sup> 47'	26 <sup>h</sup> 54'	2 <sup>h</sup> 45'	9 <sup>h</sup> 52	22 <sup>h</sup> 1'	24 <sup>h</sup> 15'	24 <sup>h</sup> 53'	4 <sup>h</sup> 43'	2 <sup>h</sup> 45'
T 30	4 32 46	7 <sup>h</sup> 7'40"	21 <sup>h</sup> 35'	28 <sup>h</sup> 27'	18 <sup>h</sup> 50'	8 <sup>h</sup> 56'	0 <sup>h</sup> 39'	26 <sup>h</sup> 57'	2 <sup>h</sup> 48'	9 <sup>h</sup> 51	22 <sup>h</sup> II 0	24 <sup>h</sup> 12'	24 <sup>h</sup> 50'	4 <sup>h</sup> 50'	2 <sup>h</sup> 48'

Delta T = 5.11 sec.

DECEMBER 1905

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	4 36 43	8 <sup>h</sup> 8'31	5 <sup>h</sup> 30	29 <sup>h</sup> 13	20 <sup>h</sup> 6	9 <sup>h</sup> 42	0 <sup>h</sup> R31	27 <sup>h</sup> 0	2 <sup>h</sup> 52	9 <sup>h</sup> R49	21 <sup>h</sup> R59	24 <sup>h</sup> R 6	24 <sup>h</sup> 46	4 <sup>h</sup> 56	2 <sup>h</sup> 51
S 2	4 40 40	9 <sup>h</sup> 9'22	18 <sup>h</sup> 38	29 <sup>h</sup> 53	21 <sup>h</sup> 21	10 <sup>h</sup> 28	0 <sup>h</sup> II23	27 <sup>h</sup> 3	2 <sup>h</sup> 55	9 <sup>h</sup> 48	21 <sup>h</sup> II58	24 <sup>h</sup> D 4	24 <sup>h</sup> 43	5 <sup>h</sup> 3	2 <sup>h</sup> 55
S 3	4 44 36	10 <sup>h</sup> 10'14	1 <sup>h</sup> 20	0 <sup>h</sup> 26	22 <sup>h</sup> 36	11 <sup>h</sup> 13	0 <sup>h</sup> 15	27 <sup>h</sup> 7	2 <sup>h</sup> 58	9 <sup>h</sup> 46	21 <sup>h</sup> 57	24 <sup>h</sup> 4	24 <sup>h</sup> 40	5 <sup>h</sup> 10	2 <sup>h</sup> 58
M 4	4 48 33	11 <sup>h</sup> 11'07	13 <sup>h</sup> 42	0 <sup>h</sup> 52	23 <sup>h</sup> 51	11 <sup>h</sup> 59	0 <sup>h</sup> 7	27 <sup>h</sup> 10	3 <sup>h</sup> 2	9 <sup>h</sup> 45	21 <sup>h</sup> 56	24 <sup>h</sup> R 4	24 <sup>h</sup> 37	5 <sup>h</sup> 17	3 <sup>h</sup> 2
T 5	4 52 29	12 <sup>h</sup> 12'01	25 <sup>h</sup> 48	1 <sup>h</sup> 9	25 <sup>h</sup> 7	12 <sup>h</sup> 45	0 <sup>h</sup> 0	27 <sup>h</sup> 13	3 <sup>h</sup> 5	9 <sup>h</sup> 44	21 <sup>h</sup> 55	24 <sup>h</sup> 4	24 <sup>h</sup> 34	5 <sup>h</sup> 23	3 <sup>h</sup> 5
W 6	4 56 26	13 <sup>h</sup> 12'55	7 <sup>h</sup> 45	1 <sup>h</sup> R17	26 <sup>h</sup> 22	13 <sup>h</sup> 30	29 <sup>h</sup> 52	27 <sup>h</sup> 17	3 <sup>h</sup> 9	9 <sup>h</sup> 42	21 <sup>h</sup> 53	24 <sup>h</sup> 1	24 <sup>h</sup> 30	5 <sup>h</sup> 30	3 <sup>h</sup> 9
T 7	5 0 22	14 <sup>h</sup> 13'51	19 <sup>h</sup> 36	1 <sup>h</sup> 15	27 <sup>h</sup> 37	14 <sup>h</sup> 16	29 <sup>h</sup> 44	27 <sup>h</sup> 20	3 <sup>h</sup> 12	9 <sup>h</sup> 41	21 <sup>h</sup> 52	23 <sup>h</sup> 55	24 <sup>h</sup> 27	5 <sup>h</sup> 37	3 <sup>h</sup> 12
F 8	5 4 19	15 <sup>h</sup> 14'47	1 <sup>h</sup> 26	1 <sup>h</sup> 2	28 <sup>h</sup> 52	15 <sup>h</sup> 2	29 <sup>h</sup> 36	27 <sup>h</sup> 24	3 <sup>h</sup> 15	9 <sup>h</sup> 39	21 <sup>h</sup> 51	23 <sup>h</sup> 47	24 <sup>h</sup> 24	5 <sup>h</sup> 43	3 <sup>h</sup> 16
S 9	5 8 15	16 <sup>h</sup> 15'44	13 <sup>h</sup> 19	0 <sup>h</sup> 37	0 <sup>h</sup> 8	15 <sup>h</sup> 48	29 <sup>h</sup> 29	27 <sup>h</sup> 28	3 <sup>h</sup> 19	9 <sup>h</sup> 38	21 <sup>h</sup> 50	23 <sup>h</sup> 36	24 <sup>h</sup> 21	5 <sup>h</sup> 50	3 <sup>h</sup> 20
S 10	5 12 12	17 <sup>h</sup> 16'41	25 <sup>h</sup> 17	0 <sup>h</sup> 2	1 <sup>h</sup> 23	16 <sup>h</sup> 33	29 <sup>h</sup> 21	27 <sup>h</sup> 32	3 <sup>h</sup> 22	9 <sup>h</sup> 36	21 <sup>h</sup> 49	23 <sup>h</sup> 24	24 <sup>h</sup> 18	5 <sup>h</sup> 57	3 <sup>h</sup> 23
M11	5 16 9	18 <sup>h</sup> 17'40	7 <sup>h</sup> II22	29 <sup>h</sup> 15	2 <sup>h</sup> 38	17 <sup>h</sup> 19	29 <sup>h</sup> 14	27 <sup>h</sup> 36	3 <sup>h</sup> 26	9 <sup>h</sup> 34	21 <sup>h</sup> 48	23 <sup>h</sup> 11	24 <sup>h</sup> 15	6 <sup>h</sup> 4	3 <sup>h</sup> 27
T 12	5 20 5	19 <sup>h</sup> 18'39	19 <sup>h</sup> 35	28 <sup>h</sup> 17	3 <sup>h</sup> 54	18 <sup>h</sup> 5	29 <sup>h</sup> 7	27 <sup>h</sup> 40	3 <sup>h</sup> 29	9 <sup>h</sup> 33	21 <sup>h</sup> 46	22 <sup>h</sup> 58	24 <sup>h</sup> 11	6 <sup>h</sup> 10	3 <sup>h</sup> 31
W13	5 24 2	20 <sup>h</sup> 19'39	1 <sup>h</sup> 57	27 <sup>h</sup> 10	5 <sup>h</sup> 9	18 <sup>h</sup> 51	29 <sup>h</sup> 0	27 <sup>h</sup> 44	3 <sup>h</sup> 33	9 <sup>h</sup> 31	21 <sup>h</sup> 45	22 <sup>h</sup> 47	24 <sup>h</sup> 8	6 <sup>h</sup> 17	3 <sup>h</sup> 35
T 14	5 27 58	21 <sup>h</sup> 20'40	14 <sup>h</sup> 28	25 <sup>h</sup> 56	6 <sup>h</sup> 25	19 <sup>h</sup> 37	28 <sup>h</sup> 53	27 <sup>h</sup> 48	3 <sup>h</sup> 37	9 <sup>h</sup> 30	21 <sup>h</sup> 44	22 <sup>h</sup> 39	24 <sup>h</sup> 5	6 <sup>h</sup> 24	3 <sup>h</sup> 39
F 15	5 31 55	22 <sup>h</sup> 21'41	27 <sup>h</sup> 10	24 <sup>h</sup> 36	7 <sup>h</sup> 40	20 <sup>h</sup> 23	28 <sup>h</sup> 46	27 <sup>h</sup> 52	3 <sup>h</sup> 40	9 <sup>h</sup> 28	21 <sup>h</sup> 43	22 <sup>h</sup> 33	24 <sup>h</sup> 2	6 <sup>h</sup> 30	3 <sup>h</sup> 43
S 16	5 35 51	23 <sup>h</sup> 22'44	10 <sup>h</sup> 2	23 <sup>h</sup> 13	8 <sup>h</sup> 55	21 <sup>h</sup> 8	28 <sup>h</sup> 39	27 <sup>h</sup> 57	3 <sup>h</sup> 44	9 <sup>h</sup> 27	21 <sup>h</sup> 42	22 <sup>h</sup> 30	23 <sup>h</sup> 59	6 <sup>h</sup> 37	3 <sup>h</sup> 47
S 17	5 39 48	24 <sup>h</sup> 23'47	23 <sup>h</sup> 6	21 <sup>h</sup> 50	10 <sup>h</sup> 11	21 <sup>h</sup> 54	28 <sup>h</sup> 32	28 <sup>h</sup> 1	3 <sup>h</sup> 47	9 <sup>h</sup> 25	21 <sup>h</sup> 41	22 <sup>h</sup> D29	23 <sup>h</sup> 56	6 <sup>h</sup> 44	3 <sup>h</sup> 51
M18	5 43 45	25 <sup>h</sup> 24'51	6 <sup>h</sup> II25	20 <sup>h</sup> 31	11 <sup>h</sup> 26	22 <sup>h</sup> 40	28 <sup>h</sup> 26	28 <sup>h</sup> 5	3 <sup>h</sup> 51	9 <sup>h</sup> 23	21 <sup>h</sup> 39	22 <sup>h</sup> 30	23 <sup>h</sup> 52	6 <sup>h</sup> 51	3 <sup>h</sup> 55
T 19	5 47 41	26 <sup>h</sup> 25'57	1 <sup>h</sup> 59	19 <sup>h</sup> 16	12 <sup>h</sup> 41	23 <sup>h</sup> 26	28 <sup>h</sup> 20	28 <sup>h</sup> 10	3 <sup>h</sup> 54	9 <sup>h</sup> 22	21 <sup>h</sup> 38	22 <sup>h</sup> R31	23 <sup>h</sup> 49	6 <sup>h</sup> 57	3 <sup>h</sup> 59
W20	5 51 38	27 <sup>h</sup> 27'02	3 <sup>h</sup> 50	18 <sup>h</sup> 9	13 <sup>h</sup> 57	24 <sup>h</sup> 12	28 <sup>h</sup> 13	28 <sup>h</sup> 15	3 <sup>h</sup> 58	9 <sup>h</sup> 20	21 <sup>h</sup> 37	22 <sup>h</sup> 31	23 <sup>h</sup> 46	7 <sup>h</sup> 4	4 <sup>h</sup> 3
T 21	5 55 34	28 <sup>h</sup> 28'09	17 <sup>h</sup> 59	17 <sup>h</sup> 11	15 <sup>h</sup> 12	24 <sup>h</sup> 58	28 <sup>h</sup> 7	28 <sup>h</sup> 19	4 <sup>h</sup> 2	9 <sup>h</sup> 18	21 <sup>h</sup> 36	22 <sup>h</sup> 29	23 <sup>h</sup> 43	7 <sup>h</sup> 11	4 <sup>h</sup> 7
F 22	5 59 31	29 <sup>h</sup> 29'17	2 <sup>h</sup> II25	16 <sup>h</sup> 23	16 <sup>h</sup> 28	25 <sup>h</sup> 44	28 <sup>h</sup> 1	28 <sup>h</sup> 24	4 <sup>h</sup> 5	9 <sup>h</sup> 17	21 <sup>h</sup> 35	22 <sup>h</sup> 25	23 <sup>h</sup> 40	7 <sup>h</sup> 18	4 <sup>h</sup> 12
S 23	6 3 27	0 <sup>h</sup> 23'0'25	17 <sup>h</sup> 4	15 <sup>h</sup> 46	17 <sup>h</sup> 43	26 <sup>h</sup> 30	27 <sup>h</sup> 55	28 <sup>h</sup> 29	4 <sup>h</sup> 9	9 <sup>h</sup> 15	21 <sup>h</sup> 34	22 <sup>h</sup> 19	23 <sup>h</sup> 36	7 <sup>h</sup> 24	4 <sup>h</sup> 16
S 24	6 7 24	1 <sup>h</sup> 31'34	1 <sup>h</sup> 51	15 <sup>h</sup> 20	18 <sup>h</sup> 59	27 <sup>h</sup> 16	27 <sup>h</sup> 50	28 <sup>h</sup> 34	4 <sup>h</sup> 12	9 <sup>h</sup> 13	21 <sup>h</sup> 32	22 <sup>h</sup> 11	23 <sup>h</sup> 33	7 <sup>h</sup> 31	4 <sup>h</sup> 20
M25	6 11 20	2 <sup>h</sup> 32'43	16 <sup>h</sup> 38	15 <sup>h</sup> 4	20 <sup>h</sup> 14	28 <sup>h</sup> 2	27 <sup>h</sup> 44	28 <sup>h</sup> 39	4 <sup>h</sup> 16	9 <sup>h</sup> 12	21 <sup>h</sup> 31	22 <sup>h</sup> 2	23 <sup>h</sup> 30	7 <sup>h</sup> 38	4 <sup>h</sup> 24
T 26	6 15 17	3 <sup>h</sup> 33'53	1 <sup>h</sup> 17	14 <sup>h</sup> D59	21 <sup>h</sup> 29	28 <sup>h</sup> 48	27 <sup>h</sup> 39	28 <sup>h</sup> 44	4 <sup>h</sup> 20	9 <sup>h</sup> 10	21 <sup>h</sup> 30	21 <sup>h</sup> 55	23 <sup>h</sup> 27	7 <sup>h</sup> 44	4 <sup>h</sup> 29
W27	6 19 14	4 <sup>h</sup> 35'03	15 <sup>h</sup> 40	15 <sup>h</sup> 3	22 <sup>h</sup> 45	29 <sup>h</sup> 34	27 <sup>h</sup> 34	28 <sup>h</sup> 50	4 <sup>h</sup> 23	9 <sup>h</sup> 8	21 <sup>h</sup> 29	21 <sup>h</sup> 48	23 <sup>h</sup> 24	7 <sup>h</sup> 51	4 <sup>h</sup> 33
T 28	6 23 10	5 <sup>h</sup> 36'14	29 <sup>h</sup> 42	15 <sup>h</sup> 16	24 <sup>h</sup> 0	0 <sup>h</sup> II19	27 <sup>h</sup> 29	28 <sup>h</sup> 55	4 <sup>h</sup> 27	9 <sup>h</sup> 7	21 <sup>h</sup> 28	21 <sup>h</sup> 44	23 <sup>h</sup> 21	7 <sup>h</sup> 58	4 <sup>h</sup> 38
F 29	6 27 7	6 <sup>h</sup> 37'24	13 <sup>h</sup> A19	15 <sup>h</sup> 36	25 <sup>h</sup> 16	1 <sup>h</sup> 5	27 <sup>h</sup> 24	29 <sup>h</sup> 0	4 <sup>h</sup> 30	9 <sup>h</sup> 5	21 <sup>h</sup> 27	21 <sup>h</sup> 42	23 <sup>h</sup> 17	8 <sup>h</sup> 5	4 <sup>h</sup> 42
S 30	6 31 3	7 <sup>h</sup> 38'35	26 <sup>h</sup> 30	16 <sup>h</sup> 5	26 <sup>h</sup> 31	1 <sup>h</sup> 51	27 <sup>h</sup> 20	29 <sup>h</sup> 5	4 <sup>h</sup> 34	9 <sup>h</sup> 3	21 <sup>h</sup> 26	21 <sup>h</sup> D41	23 <sup>h</sup> 14	8 <sup>h</sup> 11	4 <sup>h</sup> 47
S 31	6 35 0	8 <sup>h</sup> 39'45	9 <sup>h</sup> II17	16 <sup>h</sup> 39	27 <sup>h</sup> 47	2 <sup>h</sup> II37	27 <sup>h</sup> 15	29 <sup>h</sup> 11	4 <sup>h</sup> 38	9 <sup>h</sup> 1	21 <sup>h</sup> II24	21 <sup>h</sup> 42	23 <sup>h</sup> 11	8 <sup>h</sup> 18	4 <sup>h</sup> 51