

SWISS EPHEMERIS for the year 1987 BCE

JANUARY 1987 BCE (-1986) JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♅ | |
|------|---------|----------|--------|--------|--------|---------|--------|---------|-------|-------|--------|--------|------|---------|------|
| S 1 | 5 32 43 | 25°10'57 | 21°07 | 20°51 | 29°52 | 20°03 | 21°14 | 28°40 | 9°R 3 | 2°24 | 26°R35 | 2°R43 | 2°07 | 28°24 | n.a. |
| M 2 | 5 36 39 | 26°11'28 | 3°08 | 22°37 | 0°05 | 20°49 | 21°25 | 28°47 | 9°01 | 2°25 | 26°33 | 2°40 | 2°04 | 28°31 | n.a. |
| T 3 | 5 40 36 | 27°11'58 | 14°49 | 24°23 | 0°16 | 21°34 | 21°36 | 28°53 | 8°58 | 2°25 | 26°32 | 2°34 | 2°01 | 28°38 | n.a. |
| W 4 | 5 44 32 | 28°12'26 | 26°38 | 26°11 | 0°24 | 22°20 | 21°47 | 29°00 | 8°56 | 2°26 | 26°31 | 2°25 | 1°58 | 28°45 | n.a. |
| T 5 | 5 48 29 | 29°12'52 | 8°II30 | 27°59 | 0°30 | 23°06 | 21°58 | 29°06 | 8°53 | 2°27 | 26°29 | 2°13 | 1°54 | 28°51 | n.a. |
| F 6 | 5 52 25 | 0°13'16 | 20°27 | 29°48 | 0°34 | 23°51 | 22°10 | 29°13 | 8°50 | 2°27 | 26°28 | 1°59 | 1°51 | 28°58 | n.a. |
| S 7 | 5 56 22 | 1°13'38 | 2°31 | 1°38 | 0°R35 | 24°37 | 22°21 | 29°19 | 8°48 | 2°27 | 26°27 | 1°45 | 1°48 | 29°05 | n.a. |
| S 8 | 6 0 18 | 2°13'58 | 14°42 | 3°29 | 0°34 | 25°23 | 22°32 | 29°26 | 8°45 | 2°28 | 26°25 | 1°30 | 1°45 | 29°11 | n.a. |
| M 9 | 6 4 15 | 3°14'16 | 27°02 | 5°21 | 0°30 | 26°09 | 22°44 | 29°32 | 8°43 | 2°28 | 26°24 | 1°17 | 1°42 | 29°18 | n.a. |
| T 10 | 6 8 12 | 4°14'33 | 9°030 | 7°13 | 0°24 | 26°54 | 22°56 | 29°38 | 8°40 | 2°29 | 26°22 | 1°07 | 1°39 | 29°25 | n.a. |
| W 11 | 6 12 8 | 5°14'47 | 22°09 | 9°06 | 0°15 | 27°40 | 23°07 | 29°44 | 8°37 | 2°29 | 26°21 | 0°59 | 1°35 | 29°31 | n.a. |
| T 12 | 6 16 5 | 6°15'00 | 4°059 | 11°00 | 0°04 | 28°26 | 23°19 | 29°51 | 8°35 | 2°29 | 26°19 | 0°54 | 1°32 | 29°38 | n.a. |
| F 13 | 6 20 1 | 7°15'11 | 18°04 | 12°54 | 29°50 | 29°12 | 23°31 | 29°57 | 8°32 | 2°29 | 26°18 | 0°52 | 1°29 | 29°45 | n.a. |
| S 14 | 6 23 58 | 8°15'20 | 1°25 | 14°48 | 29°33 | 29°58 | 23°43 | 0°07 3 | 8°30 | 2°30 | 26°16 | 0°52 | 1°26 | 29°52 | n.a. |
| S 15 | 6 27 54 | 9°15'28 | 15°04 | 16°43 | 29°14 | 0°07 44 | 23°55 | 0°09 | 8°27 | 2°30 | 26°15 | 0°52 | 1°23 | 29°58 | n.a. |
| M 16 | 6 31 51 | 10°15'34 | 29°04 | 18°38 | 28°53 | 1°29 | 24°07 | 0°15 | 8°24 | 2°30 | 26°13 | 0°51 | 1°19 | 0°II 5 | n.a. |
| T 17 | 6 35 47 | 11°15'38 | 13°025 | 20°32 | 28°30 | 2°15 | 24°19 | 0°21 | 8°22 | 2°30 | 26°12 | 0°48 | 1°16 | 0°12 | n.a. |
| W 18 | 6 39 44 | 12°15'40 | 28°05 | 22°27 | 28°04 | 3°01 | 24°32 | 0°27 | 8°19 | 2°30 | 26°10 | 0°42 | 1°13 | 0°18 | n.a. |
| T 19 | 6 43 41 | 13°15'41 | 12°058 | 24°20 | 27°36 | 3°47 | 24°44 | 0°33 | 8°16 | 2°30 | 26°09 | 0°34 | 1°10 | 0°25 | n.a. |
| F 20 | 6 47 37 | 14°15'39 | 27°57 | 26°12 | 27°07 | 4°33 | 24°57 | 0°39 | 8°14 | 2°R30 | 26°07 | 0°23 | 1°07 | 0°32 | n.a. |
| S 21 | 6 51 34 | 15°15'36 | 12°53 | 28°03 | 26°35 | 5°19 | 25°09 | 0°44 | 8°11 | 2°30 | 26°06 | 0°12 | 1°04 | 0°39 | n.a. |
| S 22 | 6 55 30 | 16°15'30 | 27°37 | 29°52 | 26°02 | 6°05 | 25°22 | 0°50 | 8°09 | 2°30 | 26°04 | 0°01 | 1°00 | 0°45 | n.a. |
| M 23 | 6 59 27 | 17°15'23 | 12°00 | 1°039 | 25°28 | 6°51 | 25°34 | 0°56 | 8°06 | 2°30 | 26°03 | 29°052 | 0°57 | 0°52 | n.a. |
| T 24 | 7 3 23 | 18°15'13 | 25°57 | 3°23 | 24°52 | 7°37 | 25°47 | 1°01 | 8°03 | 2°30 | 26°01 | 29°45 | 0°54 | 0°59 | n.a. |
| W 25 | 7 7 20 | 19°15'00 | 9°027 | 5°04 | 24°16 | 8°23 | 26°00 | 1°07 | 8°01 | 2°30 | 25°59 | 29°41 | 0°51 | 1°05 | n.a. |
| T 26 | 7 11 16 | 20°14'45 | 22°29 | 6°41 | 23°38 | 9°09 | 26°13 | 1°12 | 7°58 | 2°30 | 25°58 | 29°39 | 0°48 | 1°12 | n.a. |
| F 27 | 7 15 13 | 21°14'28 | 5°06 | 8°14 | 23°00 | 9°55 | 26°26 | 1°18 | 7°56 | 2°29 | 25°56 | 29°D39 | 0°44 | 1°19 | n.a. |
| S 28 | 7 19 10 | 22°14'08 | 17°25 | 9°42 | 22°22 | 10°41 | 26°39 | 1°23 | 7°53 | 2°29 | 25°55 | 29°R40 | 0°41 | 1°25 | n.a. |
| S 29 | 7 23 6 | 23°13'46 | 29°28 | 11°04 | 21°44 | 11°27 | 26°52 | 1°28 | 7°51 | 2°29 | 25°53 | 29°39 | 0°38 | 1°32 | n.a. |
| M 30 | 7 27 3 | 24°13'21 | 11°022 | 12°21 | 21°06 | 12°13 | 27°05 | 1°34 | 7°48 | 2°28 | 25°51 | 29°38 | 0°35 | 1°39 | n.a. |
| T 31 | 7 30 59 | 25°12'54 | 23°012 | 13°032 | 20°029 | 12°059 | 27°018 | 1°07 39 | 7°046 | 2°28 | 25°50 | 29°034 | 0°32 | 1°II 46 | n.a. |

Delta T = 13h21m08s Julian Calendar 1 Jan. 1987 BCE == Greg. Calendar 15 Dec. 1988 BCE
 The year -1986 astronomical counting style corresponds to year 1987 B.C.E historical counting style.

FEBRUARY 1987 BCE (-1986) JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♅ | |
|------|---------|----------|---------|--------|--------|--------|--------|---------|-------|-------|--------|--------|--------|---------|------|
| W 1 | 7 34 56 | 26°12'25 | 5°II 3 | 14°036 | 19°R53 | 13°046 | 27°031 | 1°07 44 | 7°R43 | 2°R28 | 25°R48 | 29°R28 | 0°029 | 1°II 52 | n.a. |
| T 2 | 7 38 52 | 27°11'53 | 16°58 | 15°33 | 19°17 | 14°32 | 27°44 | 1°49 | 7°041 | 2°027 | 25°047 | 29°019 | 0°25 | 1°59 | n.a. |
| F 3 | 7 42 49 | 28°11'19 | 29°00 | 16°23 | 18°43 | 15°18 | 27°58 | 1°54 | 7°38 | 2°27 | 25°45 | 29°09 | 0°22 | 2°06 | n.a. |
| S 4 | 7 46 45 | 29°10'42 | 11°012 | 17°05 | 18°10 | 16°04 | 28°11 | 1°59 | 7°36 | 2°26 | 25°43 | 28°57 | 0°19 | 2°12 | n.a. |
| S 5 | 7 50 42 | 0°00'03 | 23°35 | 17°40 | 17°39 | 16°50 | 28°24 | 2°04 | 7°34 | 2°26 | 25°42 | 28°46 | 0°16 | 2°19 | n.a. |
| M 6 | 7 54 39 | 1°09'22 | 6°010 | 18°07 | 17°10 | 17°36 | 28°38 | 2°08 | 7°31 | 2°25 | 25°40 | 28°36 | 0°13 | 2°26 | n.a. |
| T 7 | 7 58 35 | 2°08'39 | 18°56 | 18°25 | 16°42 | 18°22 | 28°51 | 2°13 | 7°29 | 2°25 | 25°39 | 28°28 | 0°10 | 2°33 | n.a. |
| W 8 | 8 2 32 | 3°07'53 | 1°054 | 18°36 | 16°17 | 19°08 | 29°05 | 2°18 | 7°27 | 2°24 | 25°37 | 28°22 | 0°06 | 2°39 | n.a. |
| T 9 | 8 6 28 | 4°07'06 | 15°03 | 18°R39 | 15°54 | 19°54 | 29°18 | 2°22 | 7°24 | 2°24 | 25°35 | 28°19 | 0°03 | 2°46 | n.a. |
| F 10 | 8 10 25 | 5°06'16 | 28°23 | 18°35 | 15°33 | 20°40 | 29°32 | 2°27 | 7°22 | 2°23 | 25°34 | 28°D18 | 0°00 | 2°53 | n.a. |
| S 11 | 8 14 21 | 6°05'24 | 11°055 | 18°23 | 15°15 | 21°26 | 29°45 | 2°31 | 7°20 | 2°22 | 25°32 | 28°19 | 29°057 | 2°59 | n.a. |
| S 12 | 8 18 18 | 7°04'31 | 25°40 | 18°04 | 14°59 | 22°12 | 29°59 | 2°36 | 7°18 | 2°21 | 25°31 | 28°20 | 29°54 | 3°06 | n.a. |
| M 13 | 8 22 14 | 8°03'35 | 9°037 | 17°39 | 14°46 | 22°58 | 0°013 | 2°40 | 7°16 | 2°21 | 25°29 | 28°R20 | 29°50 | 3°13 | n.a. |
| T 14 | 8 26 11 | 9°02'38 | 23°48 | 17°08 | 14°35 | 23°44 | 0°27 | 2°44 | 7°13 | 2°20 | 25°27 | 28°19 | 29°47 | 3°19 | n.a. |
| W 15 | 8 30 8 | 10°01'39 | 8°009 | 16°32 | 14°26 | 24°30 | 0°40 | 2°48 | 7°11 | 2°19 | 25°26 | 28°17 | 29°44 | 3°26 | n.a. |
| T 16 | 8 34 4 | 11°00'38 | 22°39 | 15°52 | 14°20 | 25°17 | 0°54 | 2°52 | 7°09 | 2°18 | 25°24 | 28°12 | 29°41 | 3°33 | n.a. |
| F 17 | 8 38 1 | 11°59'35 | 7°012 | 15°08 | 14°16 | 26°03 | 1°08 | 2°56 | 7°07 | 2°17 | 25°23 | 28°05 | 29°38 | 3°40 | n.a. |
| S 18 | 8 41 57 | 12°58'30 | 21°42 | 14°22 | 14°D15 | 26°49 | 1°22 | 3°00 | 7°05 | 2°17 | 25°21 | 27°58 | 29°35 | 3°46 | n.a. |
| S 19 | 8 45 54 | 13°57'23 | 6°003 | 13°34 | 14°17 | 27°35 | 1°36 | 3°04 | 7°03 | 2°16 | 25°20 | 27°51 | 29°31 | 3°53 | n.a. |
| M 20 | 8 49 50 | 14°56'13 | 20°08 | 12°46 | 14°20 | 28°21 | 1°50 | 3°07 | 7°01 | 2°15 | 25°18 | 27°45 | 29°28 | 4°00 | n.a. |
| T 21 | 8 53 47 | 15°55'02 | 3°054 | 11°58 | 14°26 | 29°07 | 2°04 | 3°11 | 7°00 | 2°14 | 25°17 | 27°41 | 29°25 | 4°06 | n.a. |
| W 22 | 8 57 43 | 16°53'48 | 0°018 | 11°11 | 14°34 | 29°53 | 2°18 | 3°15 | 6°58 | 2°13 | 25°15 | 27°38 | 29°22 | 4°13 | n.a. |
| T 23 | 9 1 40 | 17°52'32 | 0°018 | 10°26 | 14°44 | 0°039 | 2°32 | 3°18 | 6°56 | 2°12 | 25°14 | 27°D38 | 29°19 | 4°20 | n.a. |
| F 24 | 9 5 37 | 18°51'13 | 12°57 | 9°44 | 14°57 | 1°25 | 2°46 | 3°21 | 6°54 | 2°11 | 25°12 | 27°39 | 29°16 | 4°27 | n.a. |
| S 25 | 9 9 33 | 19°49'53 | 25°18 | 9°06 | 15°11 | 2°11 | 3°00 | 3°25 | 6°52 | 2°10 | 25°11 | 27°40 | 29°12 | 4°33 | n.a. |
| S 26 | 9 13 30 | 20°48'29 | 7°024 | 8°31 | 15°27 | 2°57 | 3°14 | 3°28 | 6°51 | 2°08 | 25°10 | 27°42 | 29°09 | 4°40 | n.a. |
| M 27 | 9 17 26 | 21°47'04 | 19°21 | 8°01 | 15°46 | 3°43 | 3°28 | 3°31 | 6°49 | 2°07 | 25°08 | 27°R43 | 29°06 | 4°47 | n.a. |
| T 28 | 9 21 23 | 22°45'36 | 1°II 13 | 7°035 | 16°06 | 4°028 | 3°042 | 3°07 34 | 6°048 | 2°06 | 25°07 | 27°042 | 29°03 | 4°II 53 | n.a. |

Delta T = 13h21m06s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 1987 BCE

MARCH 1987 BCE (-1986) JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | |
|------|----------|------------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------|---------------------|---------------------|--------------------|------|
| W 1 | 9 25 19 | 23 ⁴⁴ 44'06 | 13 ^{II} 6 | 7°R15 | 16 ²⁸ 28 | 5 ³ 14 | 3 ³ 56 | 3 ³ 37 | 6°R46 | 2°R 5 | 25°R 5 | 27°R40 | 29 ^{II} 0 | 5 ^{II} 0 | n.a. |
| T 2 | 9 29 16 | 24°42'34 | 25° 3 | 6 ⁵⁹ 59 | 16°51 | 6° 0 | 4°10 | 3°40 | 6 ⁵⁴ 45 | 2 ⁵ 4 | 25 ⁵ 4 | 27 ^{II} 37 | 28°56 | 5° 7 | n.a. |
| F 3 | 9 33 12 | 25°40'59 | 7 ⁵ 10 | 6°49 | 17°17 | 6°46 | 4°24 | 3°43 | 6°43 | 2° 3 | 25° 3 | 27°33 | 28°53 | 5°14 | n.a. |
| S 4 | 9 37 9 | 26°39'22 | 19°28 | 6°D44 | 17°44 | 7°32 | 4°39 | 3°45 | 6°42 | 2° 1 | 25° 1 | 27°28 | 28°50 | 5°20 | n.a. |
| S 5 | 9 41 6 | 27°37'43 | 2 ^{II} 1 | 6°44 | 18°12 | 8°18 | 4°53 | 3°48 | 6°40 | 2° 0 | 25° 0 | 27°23 | 28°47 | 5°27 | n.a. |
| M 6 | 9 45 2 | 28°36'02 | 14°49 | 6°49 | 18°42 | 9° 4 | 5° 7 | 3°50 | 6°39 | 1°59 | 24°59 | 27°18 | 28°44 | 5°34 | n.a. |
| T 7 | 9 48 59 | 29°34'18 | 27°53 | 7° 0 | 19°14 | 9°49 | 5°21 | 3°53 | 6°38 | 1°58 | 24°58 | 27°14 | 28°41 | 5°40 | n.a. |
| W 8 | 9 52 55 | 0 ³² 32'33 | 11 ^{II} 13 | 7°15 | 19°47 | 10°35 | 5°35 | 3°55 | 6°36 | 1°56 | 24°56 | 27°12 | 28°37 | 5°47 | n.a. |
| T 9 | 9 56 52 | 1°30'46 | 24°46 | 7°34 | 20°21 | 11°21 | 5°50 | 3°57 | 6°35 | 1°55 | 24°55 | 27°D11 | 28°34 | 5°54 | n.a. |
| F 10 | 10 0 48 | 2°28'57 | 8 ⁵ 31 | 7°59 | 20°57 | 12° 7 | 6° 4 | 3°59 | 6°34 | 1°54 | 24°54 | 27°12 | 28°31 | 6° 1 | n.a. |
| S 11 | 10 4 45 | 3°27'06 | 22°25 | 8°27 | 21°33 | 12°52 | 6°18 | 4° 1 | 6°33 | 1°52 | 24°53 | 27°13 | 28°28 | 6° 7 | n.a. |
| S 12 | 10 8 41 | 4°25'13 | 6 ^{II} 28 | 9° 0 | 22°11 | 13°38 | 6°32 | 4° 3 | 6°32 | 1°51 | 24°51 | 27°14 | 28°25 | 6°14 | n.a. |
| M13 | 10 12 38 | 5°23'19 | 20°36 | 9°37 | 22°50 | 14°24 | 6°46 | 4° 5 | 6°31 | 1°50 | 24°50 | 27°15 | 28°21 | 6°21 | n.a. |
| T 14 | 10 16 34 | 6°21'24 | 4 ³ 48 | 10°17 | 23°31 | 15° 9 | 7° 1 | 4° 7 | 6°30 | 1°48 | 24°49 | 27°R16 | 28°18 | 6°27 | n.a. |
| W15 | 10 20 31 | 7°19'27 | 19° 1 | 11° 2 | 24°12 | 15°55 | 7°15 | 4° 9 | 6°29 | 1°47 | 24°48 | 27°16 | 28°15 | 6°34 | n.a. |
| T 16 | 10 24 28 | 8°17'28 | 3 ³ 14 | 11°50 | 24°54 | 16°40 | 7°29 | 4°10 | 6°28 | 1°45 | 24°47 | 27°14 | 28°12 | 6°41 | n.a. |
| F 17 | 10 28 24 | 9°15'28 | 17°23 | 12°41 | 25°37 | 17°26 | 7°43 | 4°12 | 6°28 | 1°44 | 24°46 | 27°12 | 28° 9 | 6°48 | n.a. |
| S 18 | 10 32 21 | 10°13'27 | 1 ²⁵ 5 | 13°35 | 26°21 | 18°12 | 7°57 | 4°13 | 6°27 | 1°42 | 24°45 | 27°10 | 28° 6 | 6°54 | n.a. |
| S 19 | 10 36 17 | 11°11'23 | 15°17 | 14°33 | 27° 6 | 18°57 | 8°12 | 4°14 | 6°26 | 1°41 | 24°44 | 27° 8 | 28° 2 | 7° 1 | n.a. |
| M20 | 10 40 14 | 12° 9'18 | 28°57 | 15°33 | 27°52 | 19°43 | 8°26 | 4°15 | 6°26 | 1°39 | 24°43 | 27° 6 | 27°59 | 7° 8 | n.a. |
| T 21 | 10 44 10 | 13° 7'12 | 12 ³ 21 | 16°37 | 28°39 | 20°28 | 8°40 | 4°17 | 6°25 | 1°38 | 24°42 | 27° 5 | 27°56 | 7°14 | n.a. |
| W22 | 10 48 7 | 14° 5'04 | 25°28 | 17°43 | 29°27 | 21°13 | 8°54 | 4°18 | 6°24 | 1°36 | 24°41 | 27°D 5 | 27°53 | 7°21 | n.a. |
| T 23 | 10 52 3 | 15° 2'54 | 8 ^Y 18 | 18°52 | 0 ¹⁵ 15 | 21°59 | 9° 8 | 4°18 | 6°24 | 1°35 | 24°40 | 27° 5 | 27°50 | 7°28 | n.a. |
| F 24 | 10 56 0 | 16° 0'42 | 20°51 | 20° 4 | 1° 4 | 22°44 | 9°23 | 4°19 | 6°24 | 1°33 | 24°39 | 27° 6 | 27°47 | 7°35 | n.a. |
| S 25 | 10 59 57 | 16°58'28 | 3 ³ 10 | 21°18 | 1°54 | 23°29 | 9°37 | 4°20 | 6°23 | 1°32 | 24°38 | 27° 7 | 27°43 | 7°41 | n.a. |
| S 26 | 11 3 53 | 17°56'13 | 15°16 | 22°34 | 2°44 | 24°14 | 9°51 | 4°20 | 6°23 | 1°30 | 24°38 | 27° 8 | 27°40 | 7°48 | n.a. |
| M27 | 11 7 50 | 18°53'56 | 27°14 | 23°53 | 3°35 | 25° 0 | 10° 5 | 4°21 | 6°23 | 1°29 | 24°37 | 27° 8 | 27°37 | 7°55 | n.a. |
| T 28 | 11 11 46 | 19°51'37 | 9 ^{II} 7 | 25°14 | 4°27 | 25°45 | 10°19 | 4°21 | 6°22 | 1°27 | 24°36 | 27° 9 | 27°34 | 8° 1 | n.a. |
| W29 | 11 15 43 | 20°49'17 | 21° 0 | 26°38 | 5°19 | 26°30 | 10°33 | 4°22 | 6°22 | 1°25 | 24°35 | 27°R 9 | 27°31 | 8° 8 | n.a. |
| T 30 | 11 19 39 | 21°46'54 | 2 ⁵ 58 | 28° 4 | 6°12 | 27°15 | 10°47 | 4°22 | 6°22 | 1°24 | 24°35 | 27° 9 | 27°27 | 8°15 | n.a. |
| F 31 | 11 23 36 | 22 ³ 44'30 | 15 ⁵ 5 | 29 ³² 32 | 7 ⁵ 5 | 28 ³ 0 | 11 ³ 1 | 4 ³ 22 | 6°D22 | 1 ⁵ 22 | 24 ⁵ 34 | 27 ^{II} 9 | 27 ^{II} 24 | 8 ^{II} 22 | n.a. |

Delta T = 13h21m04s Julian Calendar 1 March 1987 BCE == Greg. Calendar 12 Feb. 1987 BCE
The year -1986 astronomical counting style corresponds to year 1987 B.C.E historical counting style.

APRIL 1987 BCE (-1986) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | |
|------|----------|------------------------|---------------------|-------------------|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|---------------------|---------------------|---------------------|------|
| S 1 | 11 27 32 | 23 ⁴² 42'05 | 27 ⁵ 26 | 1 ³ 2 | 7 ⁵⁹ 59 | 28 ³ 45 | 11 ³ 15 | 4°R22 | 6 ⁵ 22 | 1°R21 | 24°R33 | 27°R 8 | 27 ^{II} 21 | 8 ^{II} 28 | n.a. |
| M 2 | 11 31 29 | 24°39'37 | 10 ^{II} 3 | 2°35 | 8°53 | 29°30 | 11°29 | 4 ³ 22 | 6°22 | 1 ¹⁹ 19 | 24 ⁵ 33 | 27 ^{II} 8 | 27°18 | 8°35 | n.a. |
| S 3 | 11 35 26 | 25°37'08 | 23° 0 | 4° 9 | 9°48 | 0 ¹⁵ 15 | 11°43 | 4°22 | 6°22 | 1°17 | 24°32 | 27° 8 | 27°15 | 8°42 | n.a. |
| T 4 | 11 39 22 | 26°34'38 | 6 ^{II} 17 | 5°46 | 10°44 | 1° 0 | 11°57 | 4°21 | 6°22 | 1°16 | 24°31 | 27° 7 | 27°12 | 8°48 | n.a. |
| W 5 | 11 43 19 | 27°32'06 | 19°54 | 7°25 | 11°40 | 1°44 | 12°11 | 4°21 | 6°23 | 1°14 | 24°31 | 27° 7 | 27° 8 | 8°55 | n.a. |
| T 6 | 11 47 15 | 28°29'32 | 3 ⁵ 51 | 9° 7 | 12°36 | 2°29 | 12°25 | 4°21 | 6°23 | 1°13 | 24°30 | 27° 7 | 27° 5 | 9° 2 | n.a. |
| F 7 | 11 51 12 | 29°26'58 | 18° 2 | 10°50 | 13°33 | 3°14 | 12°39 | 4°20 | 6°23 | 1°11 | 24°30 | 27° 7 | 27° 2 | 9° 9 | n.a. |
| S 8 | 11 55 8 | 0 ^Y 24'22 | 11 ²⁵ 25 | 12°36 | 14°30 | 3°59 | 12°53 | 4°19 | 6°24 | 1° 9 | 24°29 | 27° 7 | 26°59 | 9°15 | n.a. |
| S 9 | 11 59 5 | 1°21'45 | 16°53 | 14°23 | 15°28 | 4°43 | 13° 7 | 4°19 | 6°24 | 1° 8 | 24°29 | 27° 7 | 26°56 | 9°22 | n.a. |
| M10 | 12 3 1 | 2°19'08 | 1 ³ 22 | 16°13 | 16°26 | 5°28 | 13°20 | 4°18 | 6°25 | 1° 6 | 24°29 | 27° 6 | 26°52 | 9°29 | n.a. |
| T 11 | 12 6 58 | 3°16'30 | 15°46 | 18° 5 | 17°24 | 6°12 | 13°34 | 4°17 | 6°25 | 1° 4 | 24°28 | 27° 6 | 26°49 | 9°35 | n.a. |
| W12 | 12 10 54 | 4°13'50 | 0 ³ 3 | 20° 0 | 18°23 | 6°57 | 13°48 | 4°16 | 6°26 | 1° 3 | 24°28 | 27°D 6 | 26°46 | 9°42 | n.a. |
| T 13 | 12 14 51 | 5°11'10 | 14°10 | 21°56 | 19°22 | 7°41 | 14° 2 | 4°15 | 6°26 | 1° 1 | 24°28 | 27° 6 | 26°43 | 9°49 | n.a. |
| F 14 | 12 18 48 | 6° 8'30 | 28° 4 | 23°54 | 20°22 | 8°25 | 14°15 | 4°13 | 6°27 | 1° 0 | 24°27 | 27° 6 | 26°40 | 9°56 | n.a. |
| S 15 | 12 22 44 | 7° 5'48 | 11 ³ 45 | 25°54 | 21°22 | 9°10 | 14°29 | 4°12 | 6°28 | 0°58 | 24°27 | 27° 7 | 26°37 | 10° 2 | n.a. |
| S 16 | 12 26 41 | 8° 3'06 | 25°12 | 27°56 | 22°22 | 9°54 | 14°42 | 4°11 | 6°29 | 0°56 | 24°27 | 27° 8 | 26°33 | 10° 9 | n.a. |
| M17 | 12 30 37 | 9° 0'23 | 8 ³ 26 | 0 ^Y 0 | 23°22 | 10°38 | 14°56 | 4° 9 | 6°29 | 0°55 | 24°27 | 27° 9 | 26°30 | 10°16 | n.a. |
| T 18 | 12 34 34 | 9°57'39 | 21°26 | 2° 6 | 24°23 | 11°22 | 15° 9 | 4° 8 | 6°30 | 0°53 | 24°27 | 27°R 9 | 26°27 | 10°22 | n.a. |
| W19 | 12 38 30 | 10°54'54 | 4 ^Y 12 | 4°13 | 25°24 | 12° 6 | 15°23 | 4° 6 | 6°31 | 0°52 | 24°26 | 27° 9 | 26°24 | 10°29 | n.a. |
| T 20 | 12 42 27 | 11°52'08 | 16°46 | 6°21 | 26°26 | 12°50 | 15°36 | 4° 4 | 6°32 | 0°50 | 24°26 | 27° 8 | 26°21 | 10°36 | n.a. |
| F 21 | 12 46 23 | 12°49'22 | 29° 9 | 8°31 | 27°27 | 13°34 | 15°50 | 4° 2 | 6°33 | 0°48 | 24°26 | 27° 7 | 26°18 | 10°43 | n.a. |
| S 22 | 12 50 20 | 13°46'35 | 11 ³ 20 | 10°41 | 28°29 | 14°18 | 16° 3 | 4° 0 | 6°35 | 0°47 | 24°D26 | 27° 5 | 26°14 | 10°49 | n.a. |
| S 23 | 12 54 17 | 14°43'46 | 23°22 | 12°52 | 29°31 | 15° 2 | 16°16 | 3°58 | 6°36 | 0°45 | 24°26 | 27° 2 | 26°11 | 10°56 | n.a. |
| M24 | 12 58 13 | 15°40'57 | 5 ^{II} 19 | 15° 4 | 0 ³ 34 | 15°46 | 16°30 | 3°56 | 6°37 | 0°44 | 24°26 | 26°59 | 26° 8 | 11° 3 | n.a. |
| T 25 | 13 2 10 | 16°38'07 | 17°11 | 17°15 | 1°36 | 16°29 | 16°43 | 3°54 | 6°38 | 0°42 | 24°26 | 26°57 | 26° 5 | 11°10 | n.a. |
| W26 | 13 6 6 | 17°35'17 | 29° 4 | 19°27 | 2°39 | 17°13 | 16°56 | 3°52 | 6°39 | 0°41 | 24°26 | 26°55 | 26° 2 | 11°16 | n.a. |
| T 27 | 13 10 3 | 18°32'25 | 11 ⁵ 1 | 21°38 | 3°42 | 17°57 | 17° 9 | 3°49 | 6°41 | 0°39 | 24°27 | 26°54 | 25°58 | 11°23 | n.a. |
| F 28 | 13 13 59 | 19°29'32 | 23° 6 | 23°48 | 4°46 | 18°40 | 17°22 | 3°47 | 6°42 | 0°38 | 24°27 | 26°D53 | 25°55 | 11°30 | n.a. |
| S 29 | 13 17 56 | 20°26'39 | 5 ^{II} 25 | 25°58 | 5°49 | 19°23 | 17°35 | 3°44 | 6°44 | 0°36 | 24°27 | 26°54 | 25°52 | 11°36 | n.a. |
| S 30 | 13 21 52 | 21 ^Y 23'45 | 18 ^{II} 1 | 28 ^Y 6 | 6 ³ 53 | 20 ³ 7 | 17 ³ 48 | 3 ³ 42 | 6 ⁵ 45 | 0 ³ 35 | 24 ⁵ 27 | 26 ^{II} 56 | 25 ^{II} 49 | 11 ^{II} 43 | n.a. |

Delta T = 13h21m02s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [6.2.2007]

SWISS EPHEMERIS for the year 1987 BCE

MAY 1987 BCE (-1986) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|--------|--------|--------|--------|--------|-------|------|--------|-------|--------|--------|--------|------|
| M 1 | 13 25 49 | 22°20'50 | 0m♁59 | 0♁13 | 7♁57 | 20♁50 | 18♁1 | 3°R39 | 6♁47 | 0°R33 | 24♁27 | 26m♁57 | 25m♁46 | 11m♁50 | n.a. |
| T 2 | 13 29 46 | 23°17'54 | 14°21 | 2°18 | 9° 1 | 21°33 | 18°14 | 3♁36 | 6°48 | 0♁32 | 24°28 | 26°58 | 25°43 | 11°57 | n.a. |
| W 3 | 13 33 42 | 24°14'58 | 28° 8 | 4°22 | 10° 6 | 22°16 | 18°26 | 3°33 | 6°50 | 0°30 | 24°28 | 26°R59 | 25°39 | 12° 3 | n.a. |
| T 4 | 13 37 39 | 25°12'01 | 12♁19 | 6°24 | 11°10 | 22°59 | 18°39 | 3°30 | 6°52 | 0°29 | 24°28 | 26°58 | 25°36 | 12°10 | n.a. |
| F 5 | 13 41 35 | 26° 9'03 | 26°52 | 8°24 | 12°15 | 23°42 | 18°52 | 3°27 | 6°54 | 0°27 | 24°29 | 26°56 | 25°33 | 12°17 | n.a. |
| S 6 | 13 45 32 | 27° 6'06 | 11m♁39 | 10°22 | 13°20 | 24°25 | 19° 4 | 3°24 | 6°55 | 0°26 | 24°29 | 26°53 | 25°30 | 12°23 | n.a. |
| S 7 | 13 49 28 | 28° 3'08 | 26°33 | 12°18 | 14°25 | 25° 8 | 19°17 | 3°21 | 6°57 | 0°24 | 24°30 | 26°49 | 25°27 | 12°30 | n.a. |
| M 8 | 13 53 25 | 29° 0'10 | 11♁27 | 14°12 | 15°31 | 25°51 | 19°29 | 3°18 | 6°59 | 0°23 | 24°30 | 26°44 | 25°24 | 12°37 | n.a. |
| T 9 | 13 57 21 | 29°57'12 | 26°11 | 16° 4 | 16°36 | 26°33 | 19°42 | 3°15 | 7° 1 | 0°22 | 24°31 | 26°40 | 25°20 | 12°44 | n.a. |
| W10 | 14 1 18 | 0♁54'15 | 10♁41 | 17°54 | 17°42 | 27°16 | 19°54 | 3°11 | 7° 3 | 0°20 | 24°31 | 26°37 | 25°17 | 12°50 | n.a. |
| T 11 | 14 5 15 | 1°51'17 | 24°51 | 19°41 | 18°48 | 27°58 | 20° 6 | 3° 8 | 7° 5 | 0°19 | 24°32 | 26°36 | 25°14 | 12°57 | n.a. |
| F 12 | 14 9 11 | 2°48'20 | 8♁41 | 21°26 | 19°54 | 28°41 | 20°18 | 3° 4 | 7° 7 | 0°18 | 24°32 | 26°D36 | 25°11 | 13° 4 | n.a. |
| S 13 | 14 13 8 | 3°45'22 | 22°11 | 23° 9 | 21° 0 | 29°23 | 20°31 | 3° 1 | 7° 9 | 0°16 | 24°33 | 26°37 | 25° 8 | 13°10 | n.a. |
| S 14 | 14 17 4 | 4°42'25 | 5♁22 | 24°50 | 22° 6 | 0♁5 | 20°43 | 2°57 | 7°11 | 0°15 | 24°34 | 26°38 | 25° 4 | 13°17 | n.a. |
| M15 | 14 21 1 | 5°39'28 | 18°16 | 26°29 | 23°13 | 0°47 | 20°55 | 2°54 | 7°14 | 0°14 | 24°34 | 26°40 | 25° 1 | 13°24 | n.a. |
| T 16 | 14 24 57 | 6°36'32 | 0♁56 | 28° 5 | 24°19 | 1°29 | 21° 6 | 2°50 | 7°16 | 0°13 | 24°35 | 26°R40 | 24°58 | 13°31 | n.a. |
| W17 | 14 28 54 | 7°33'35 | 13°25 | 29°39 | 25°26 | 2°11 | 21°18 | 2°46 | 7°18 | 0°11 | 24°36 | 26°38 | 24°55 | 13°37 | n.a. |
| T 18 | 14 32 50 | 8°30'39 | 25°43 | 1m♁11 | 26°33 | 2°53 | 21°30 | 2°42 | 7°21 | 0°10 | 24°37 | 26°35 | 24°52 | 13°44 | n.a. |
| F 19 | 14 36 47 | 9°27'43 | 7♁53 | 2°41 | 27°40 | 3°35 | 21°42 | 2°38 | 7°23 | 0° 9 | 24°37 | 26°30 | 24°49 | 13°51 | n.a. |
| S 20 | 14 40 43 | 10°24'47 | 19°56 | 4° 8 | 28°47 | 4°17 | 21°53 | 2°35 | 7°25 | 0° 8 | 24°38 | 26°23 | 24°45 | 13°58 | n.a. |
| S 21 | 14 44 40 | 11°21'51 | 1m♁53 | 5°33 | 29°55 | 4°58 | 22° 5 | 2°31 | 7°28 | 0° 7 | 24°39 | 26°15 | 24°42 | 14° 4 | n.a. |
| M22 | 14 48 37 | 12°18'56 | 13°46 | 6°56 | 1♁2 | 5°40 | 22°16 | 2°27 | 7°30 | 0° 6 | 24°40 | 26° 6 | 24°39 | 14°11 | n.a. |
| T 23 | 14 52 33 | 13°16'00 | 25°38 | 8°16 | 2°10 | 6°21 | 22°27 | 2°23 | 7°33 | 0° 5 | 24°41 | 25°58 | 24°36 | 14°18 | n.a. |
| W24 | 14 56 30 | 14°13'05 | 7♁30 | 9°34 | 3°17 | 7° 2 | 22°39 | 2°19 | 7°35 | 0° 4 | 24°42 | 25°51 | 24°33 | 14°24 | n.a. |
| T 25 | 15 0 26 | 15°10'10 | 19°26 | 10°49 | 4°25 | 7°43 | 22°50 | 2°14 | 7°38 | 0° 2 | 24°43 | 25°46 | 24°29 | 14°31 | n.a. |
| F 26 | 15 4 23 | 16° 7'15 | 1♁30 | 12° 2 | 5°33 | 8°24 | 23° 1 | 2°10 | 7°41 | 0° 1 | 24°44 | 25°43 | 24°26 | 14°38 | n.a. |
| S 27 | 15 8 19 | 17° 4'20 | 13°45 | 13°12 | 6°41 | 9° 5 | 23°12 | 2° 6 | 7°43 | 0° 0 | 24°45 | 25°D42 | 24°23 | 14°45 | n.a. |
| S 28 | 15 12 16 | 18° 1'25 | 26°18 | 14°19 | 7°49 | 9°46 | 23°23 | 2° 2 | 7°46 | 0° 0 | 24°46 | 25°42 | 24°20 | 14°51 | n.a. |
| M29 | 15 16 12 | 18°58'31 | 9m♁11 | 15°24 | 8°58 | 10°27 | 23°33 | 1°58 | 7°49 | 29m♁59 | 24°47 | 25°43 | 24°17 | 14°58 | n.a. |
| T 30 | 15 20 9 | 19°55'36 | 22°30 | 16°26 | 10° 6 | 11° 8 | 23°44 | 1°53 | 7°52 | 29°58 | 24°48 | 25°R44 | 24°14 | 15° 5 | n.a. |
| W31 | 15 24 6 | 20♁52'42 | 6♁17 | 17m♁25 | 11m♁14 | 11m♁48 | 23m♁55 | 1♁49 | 7♁54 | 29m♁57 | 24♁50 | 25m♁43 | 24m♁10 | 15m♁11 | n.a. |

Delta T = 13h21m00s Julian Calendar 1 May 1987 BCE == Greg. Calendar 14 Apr. 1987 BCE
 The year -1986 astronomical counting style corresponds to year 1987 B.C.E historical counting style.

JUNE 1987 BCE (-1986) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|------|
| F 1 | 15 28 2 | 21♁49'48 | 20♁32 | 18m♁20 | 12m♁23 | 12m♁29 | 24m♁5 | 1°R45 | 7♁57 | 29°R56 | 24♁51 | 25°R41 | 24m♁7 | 15m♁18 | n.a. |
| T 2 | 15 31 59 | 22°46'55 | 5m♁13 | 19°13 | 13°32 | 13° 9 | 24°15 | 1♁40 | 8° 0 | 29m♁55 | 24°52 | 25m♁36 | 24° 4 | 15°25 | n.a. |
| S 3 | 15 35 55 | 23°44'02 | 20°15 | 20° 2 | 14°40 | 13°49 | 24°26 | 1°36 | 8° 3 | 29°54 | 24°53 | 25°30 | 24° 1 | 15°32 | n.a. |
| S 4 | 15 39 52 | 24°41'10 | 5♁27 | 20°48 | 15°49 | 14°29 | 24°36 | 1°32 | 8° 6 | 29°54 | 24°54 | 25°21 | 23°58 | 15°38 | n.a. |
| M 5 | 15 43 48 | 25°38'19 | 20°41 | 21°30 | 16°58 | 15° 9 | 24°46 | 1°27 | 8° 9 | 29°53 | 24°56 | 25°13 | 23°55 | 15°45 | n.a. |
| T 6 | 15 47 45 | 26°35'29 | 5♁45 | 22° 9 | 18° 8 | 15°49 | 24°56 | 1°23 | 8°12 | 29°52 | 24°57 | 25° 5 | 23°51 | 15°52 | n.a. |
| W 7 | 15 51 41 | 27°32'39 | 20°30 | 22°43 | 19°17 | 16°29 | 25° 6 | 1°18 | 8°15 | 29°51 | 24°58 | 24°58 | 23°48 | 15°59 | n.a. |
| T 8 | 15 55 38 | 28°29'51 | 4m♁51 | 23°14 | 20°26 | 17° 8 | 25°15 | 1°14 | 8°18 | 29°51 | 25° 0 | 24°54 | 23°45 | 16° 5 | n.a. |
| F 9 | 15 59 35 | 29°27'04 | 18°45 | 23°40 | 21°36 | 17°48 | 25°25 | 1° 9 | 8°21 | 29°50 | 25° 1 | 24°52 | 23°42 | 16°12 | n.a. |
| S 10 | 16 3 31 | 0m♁24'17 | 2m♁14 | 24° 2 | 22°45 | 18°27 | 25°34 | 1° 5 | 8°25 | 29°49 | 25° 3 | 24°D51 | 23°39 | 16°19 | n.a. |
| S 11 | 16 7 28 | 1°21'32 | 15°18 | 24°19 | 23°55 | 19° 6 | 25°44 | 1° 0 | 8°28 | 29°49 | 25° 4 | 24°52 | 23°35 | 16°25 | n.a. |
| M12 | 16 11 24 | 2°18'49 | 28° 3 | 24°32 | 25° 4 | 19°45 | 25°53 | 0°56 | 8°31 | 29°48 | 25° 5 | 24°R52 | 23°32 | 16°32 | n.a. |
| T 13 | 16 15 21 | 3°16'06 | 10m♁31 | 24°40 | 26°14 | 20°24 | 26° 2 | 0°52 | 8°34 | 29°48 | 25° 7 | 24°51 | 23°29 | 16°39 | n.a. |
| W14 | 16 19 17 | 4°13'25 | 22°47 | 24°R43 | 27°24 | 21° 3 | 26°11 | 0°47 | 8°37 | 29°47 | 25° 8 | 24°47 | 23°26 | 16°46 | n.a. |
| T 15 | 16 23 14 | 5°10'44 | 4♁54 | 24°41 | 28°34 | 21°42 | 26°20 | 0°43 | 8°41 | 29°47 | 25°10 | 24°41 | 23°23 | 16°52 | n.a. |
| F 16 | 16 27 10 | 6° 8'06 | 16°54 | 24°33 | 29°44 | 22°21 | 26°29 | 0°38 | 8°44 | 29°46 | 25°12 | 24°33 | 23°20 | 16°59 | n.a. |
| S 17 | 16 31 7 | 7° 5'28 | 28°50 | 24°21 | 0♁54 | 22°59 | 26°38 | 0°34 | 8°47 | 29°46 | 25°13 | 24°22 | 23°16 | 17° 6 | n.a. |
| S 18 | 16 35 4 | 8° 2'51 | 10m♁43 | 24° 3 | 2° 5 | 23°37 | 26°46 | 0°29 | 8°51 | 29°46 | 25°15 | 24° 9 | 23°13 | 17°13 | n.a. |
| M19 | 16 39 0 | 9° 0'16 | 22°35 | 23°40 | 3°15 | 24°15 | 26°54 | 0°25 | 8°54 | 29°45 | 25°16 | 23°56 | 23°10 | 17°19 | n.a. |
| T 20 | 16 42 57 | 9°57'42 | 4m♁27 | 23°13 | 4°25 | 24°53 | 27° 3 | 0°21 | 8°57 | 29°45 | 25°18 | 23°43 | 23° 7 | 17°26 | n.a. |
| W21 | 16 46 53 | 10°55'08 | 16°21 | 22°41 | 5°36 | 25°31 | 27°11 | 0°16 | 9° 1 | 29°45 | 25°20 | 23°31 | 23° 4 | 17°33 | n.a. |
| T 22 | 16 50 50 | 11°52'36 | 28°19 | 22° 5 | 6°46 | 26° 9 | 27°19 | 0°12 | 9° 4 | 29°45 | 25°21 | 23°22 | 23° 1 | 17°39 | n.a. |
| F 23 | 16 54 46 | 12°50'05 | 10m♁24 | 21°25 | 7°57 | 26°46 | 27°27 | 0° 8 | 9° 8 | 29°44 | 25°23 | 23°16 | 22°57 | 17°46 | n.a. |
| S 24 | 16 58 43 | 13°47'35 | 22°40 | 20°41 | 9° 8 | 27°24 | 27°34 | 0° 3 | 9°11 | 29°44 | 25°25 | 23°12 | 22°54 | 17°53 | n.a. |
| S 25 | 17 2 39 | 14°45'06 | 5m♁10 | 19°56 | 10°19 | 28° 1 | 27°42 | 29m♁59 | 9°15 | 29°44 | 25°27 | 23°11 | 22°51 | 18° 0 | n.a. |
| M26 | 17 6 36 | 15°42'38 | 18° 0 | 19° 8 | 11°30 | 28°38 | 27°49 | 29°55 | 9°18 | 29°44 | 25°28 | 23°11 | 22°48 | 18° 6 | n.a. |
| T 27 | 17 10 33 | 16°40'12 | 1♁12 | 18°19 | 12°41 | 29°15 | 27°57 | 29°51 | 9°22 | 29°44 | 25°30 | 23°11 | 22°45 | 18°13 | n.a. |
| W28 | 17 14 29 | 17°37'46 | 14°52 | 17°31 | 13°52 | 29°52 | 28° 4 | 29°47 | 9°25 | 29°44 | 25°32 | 23° 9 | 22°41 | 18°20 | n.a. |
| T 29 | 17 18 26 | 18°35'21 | 29° 0 | 16°43 | 15° 3 | 0m♁28 | 28°11 | 29°43 | 9°29 | 29°D44 | 25°34 | 23° 6 | 22°38 | 18°26 | n.a. |
| F 30 | 17 22 22 | 19m♁32'58 | 13m♁37 | 15m♁57 | 16m♁14 | 1m♁5 | 28m♁18 | 29m♁39 | 9m♁33 | 29m♁44 | 25m♁36 | 23m♁1 | 22m♁35 | 18m♁33 | n.a. |

Delta T = 13h20m57s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 1987 BCE

JULY 1987 BCE (-1986) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|----------|-----------|---------|---------|---------|--------|-------|--------|-------|--------|-------|--------|--------|---------|------|
| S 1 | 17 26 19 | 20II30'36 | 28III37 | 15°R14 | 17♄25 | 1°V41 | 28♃24 | 29°R35 | 9♄36 | 29°M44 | 25♄37 | 22°R52 | 22°M32 | 18°II40 | n.a. |
| S 2 | 17 30 15 | 21°28'16 | 13♄53 | 14°II34 | 18°37 | 2°17 | 28°31 | 29°M31 | 9°40 | 29°44 | 25°39 | 22°M42 | 22°29 | 18°47 | n.a. |
| M 3 | 17 34 12 | 22°25'57 | 29°14 | 13°59 | 19°48 | 2°53 | 28°37 | 29°27 | 9°44 | 29°44 | 25°41 | 22°31 | 22°26 | 18°53 | n.a. |
| T 4 | 17 38 8 | 23°23'40 | 14♄28 | 13°29 | 21° 0 | 3°29 | 28°43 | 29°23 | 9°47 | 29°44 | 25°43 | 22°21 | 22°22 | 19° 0 | n.a. |
| W 5 | 17 42 5 | 24°21'24 | 29°25 | 13° 5 | 22°11 | 4° 4 | 28°50 | 29°19 | 9°51 | 29°44 | 25°45 | 22°12 | 22°19 | 19° 7 | n.a. |
| T 6 | 17 46 2 | 25°19'10 | 13♄57 | 12°47 | 23°23 | 4°40 | 28°55 | 29°15 | 9°55 | 29°45 | 25°47 | 22° 6 | 22°16 | 19°14 | n.a. |
| F 7 | 17 49 58 | 26°16'58 | 28° 0 | 12°37 | 24°35 | 5°15 | 29° 1 | 29°11 | 9°58 | 29°45 | 25°49 | 22° 3 | 22°13 | 19°20 | n.a. |
| S 8 | 17 53 55 | 27°14'48 | 11♄34 | 12°D33 | 25°47 | 5°50 | 29° 7 | 29° 8 | 10° 2 | 29°45 | 25°51 | 22° 1 | 22°10 | 19°27 | n.a. |
| S 9 | 17 57 51 | 28°12'40 | 24°40 | 12°38 | 26°59 | 6°25 | 29°12 | 29° 4 | 10° 6 | 29°45 | 25°53 | 22° 1 | 22° 7 | 19°34 | n.a. |
| M10 | 18 1 48 | 29°10'33 | 7°V24 | 12°50 | 28°11 | 6°59 | 29°17 | 29° 1 | 10° 9 | 29°46 | 25°55 | 22° 1 | 22° 3 | 19°40 | n.a. |
| T 11 | 18 5 44 | 0♄ 8'29 | 19°48 | 13°10 | 29°23 | 7°34 | 29°23 | 28°57 | 10°13 | 29°46 | 25°57 | 22° 0 | 22° 0 | 19°47 | n.a. |
| W12 | 18 9 41 | 1° 6'27 | 1♄59 | 13°37 | 0III35 | 8° 8 | 29°27 | 28°54 | 10°17 | 29°47 | 25°59 | 21°56 | 21°57 | 19°54 | n.a. |
| T 13 | 18 13 37 | 2° 4'27 | 14° 0 | 14°13 | 1°47 | 8°42 | 29°32 | 28°50 | 10°21 | 29°47 | 26° 1 | 21°50 | 21°54 | 20° 1 | n.a. |
| F 14 | 18 17 34 | 3° 2'29 | 25°55 | 14°56 | 2°59 | 9°15 | 29°37 | 28°47 | 10°24 | 29°47 | 26° 3 | 21°42 | 21°51 | 20° 7 | n.a. |
| S 15 | 18 21 31 | 4° 0'33 | 7°II47 | 15°47 | 4°12 | 9°49 | 29°41 | 28°44 | 10°28 | 29°48 | 26° 5 | 21°30 | 21°47 | 20°14 | n.a. |
| S 16 | 18 25 27 | 4°58'39 | 19°38 | 16°45 | 5°24 | 10°22 | 29°45 | 28°41 | 10°32 | 29°49 | 26° 7 | 21°17 | 21°44 | 20°21 | n.a. |
| M17 | 18 29 24 | 5°56'47 | 1♄31 | 17°49 | 6°36 | 10°55 | 29°49 | 28°38 | 10°36 | 29°49 | 26° 9 | 21° 4 | 21°41 | 20°28 | n.a. |
| T 18 | 18 33 20 | 6°54'56 | 13°27 | 19° 1 | 7°49 | 11°28 | 29°53 | 28°35 | 10°39 | 29°50 | 26°11 | 20°51 | 21°38 | 20°34 | n.a. |
| W19 | 18 37 17 | 7°53'08 | 25°26 | 20°18 | 9° 2 | 12° 1 | 29°57 | 28°32 | 10°43 | 29°50 | 26°13 | 20°39 | 21°35 | 20°41 | n.a. |
| T 20 | 18 41 13 | 8°51'21 | 7°Ω32 | 21°41 | 10°14 | 12°33 | 0°V 0 | 28°29 | 10°47 | 29°51 | 26°16 | 20°30 | 21°32 | 20°48 | n.a. |
| F 21 | 18 45 10 | 9°49'37 | 19°44 | 23° 9 | 11°27 | 13° 6 | 0° 4 | 28°26 | 10°51 | 29°52 | 26°18 | 20°23 | 21°28 | 20°54 | n.a. |
| S 22 | 18 49 7 | 10°47'54 | 2°M 6 | 24°42 | 12°40 | 13°37 | 0° 7 | 28°23 | 10°55 | 29°52 | 26°20 | 20°19 | 21°25 | 21° 1 | n.a. |
| S 23 | 18 53 3 | 11°46'12 | 14°41 | 26°19 | 13°53 | 14° 9 | 0°10 | 28°21 | 10°58 | 29°53 | 26°22 | 20°D18 | 21°22 | 21° 8 | n.a. |
| M24 | 18 57 0 | 12°44'33 | 27°31 | 27°59 | 15° 6 | 14°40 | 0°12 | 28°18 | 11° 2 | 29°54 | 26°24 | 20°18 | 21°19 | 21°15 | n.a. |
| T 25 | 19 0 56 | 13°42'55 | 10♄42 | 29°43 | 16°19 | 15°12 | 0°15 | 28°16 | 11° 6 | 29°55 | 26°26 | 20°R18 | 21°16 | 21°21 | n.a. |
| W26 | 19 4 53 | 14°41'19 | 24°15 | 1♄30 | 17°32 | 15°42 | 0°17 | 28°13 | 11°10 | 29°56 | 26°28 | 20°18 | 21°12 | 21°28 | n.a. |
| T 27 | 19 8 49 | 15°39'45 | 8°II12 | 3°18 | 18°45 | 16°13 | 0°20 | 28°11 | 11°13 | 29°57 | 26°31 | 20°16 | 21° 9 | 21°35 | n.a. |
| F 28 | 19 12 46 | 16°38'12 | 22°36 | 5° 8 | 19°58 | 16°43 | 0°22 | 28° 9 | 11°17 | 29°57 | 26°33 | 20°11 | 21° 6 | 21°42 | n.a. |
| S 29 | 19 16 42 | 17°36'41 | 7°♄21 | 7° 0 | 21°11 | 17°14 | 0°23 | 28° 7 | 11°21 | 29°58 | 26°35 | 20° 5 | 21° 3 | 21°48 | n.a. |
| S 30 | 19 20 39 | 18°35'13 | 22°24 | 8°52 | 22°25 | 17°43 | 0°25 | 28° 5 | 11°25 | 29°59 | 26°37 | 19°57 | 21° 0 | 21°55 | n.a. |
| M31 | 19 24 36 | 19♄33'46 | 7♄35 | 10♄46 | 23°II38 | 18°V13 | 0°V26 | 28°M 3 | 11♄29 | 0♄ 0 | 26♄39 | 19°M47 | 20°M57 | 22°II 2 | n.a. |

Delta T = 13h20m55s Julian Calendar 1 July 1987 BCE == Greg. Calendar 14 June 1987 BCE

The year -1986 astronomical counting style corresponds to year 1987 B.C.E historical counting style.

AUGUST 1987 BCE (-1986) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|----------|-----------|--------|-------|---------|--------|-------|--------|--------|------|--------|--------|--------|---------|------|
| T 1 | 19 28 32 | 20♄32'21 | 22♄44 | 12♄39 | 24°II52 | 18°V42 | 0°V27 | 28°R 1 | 11♄32 | 0♄ 1 | 26♄41 | 19°R39 | 20°M53 | 22°II 8 | n.a. |
| W 2 | 19 32 29 | 21°30'58 | 7♄40 | 14°33 | 26° 5 | 19°11 | 0°28 | 27°M59 | 11°36 | 0° 2 | 26°44 | 19°M31 | 20°50 | 22°15 | n.a. |
| T 3 | 19 36 25 | 22°29'38 | 22°15 | 16°26 | 27°19 | 19°40 | 0°29 | 27°57 | 11°40 | 0° 4 | 26°46 | 19°26 | 20°47 | 22°22 | n.a. |
| F 4 | 19 40 22 | 23°28'20 | 6♄24 | 18°20 | 28°32 | 20° 8 | 0°30 | 27°56 | 11°44 | 0° 5 | 26°48 | 19°23 | 20°44 | 22°29 | n.a. |
| S 5 | 19 44 18 | 24°27'04 | 20° 4 | 20°13 | 29°46 | 20°36 | 0°30 | 27°54 | 11°47 | 0° 6 | 26°50 | 19°D23 | 20°41 | 22°35 | n.a. |
| S 6 | 19 48 15 | 25°25'50 | 3°V17 | 22° 5 | 1♄ 0 | 21° 3 | 0°30 | 27°53 | 11°51 | 0° 7 | 26°52 | 19°23 | 20°38 | 22°42 | n.a. |
| M 7 | 19 52 11 | 26°24'39 | 16° 4 | 23°57 | 2°13 | 21°31 | 0°R30 | 27°52 | 11°55 | 0° 8 | 26°55 | 19°24 | 20°34 | 22°49 | n.a. |
| T 8 | 19 56 8 | 27°23'30 | 28°31 | 25°48 | 3°27 | 21°58 | 0°30 | 27°50 | 11°58 | 0° 9 | 26°57 | 19°R25 | 20°31 | 22°56 | n.a. |
| W 9 | 20 0 5 | 28°22'24 | 10♄43 | 27°38 | 4°41 | 22°24 | 0°30 | 27°49 | 12° 2 | 0°11 | 26°59 | 19°24 | 20°28 | 23° 2 | n.a. |
| T 10 | 20 4 1 | 29°21'20 | 22°43 | 29°27 | 5°55 | 22°51 | 0°29 | 27°48 | 12° 6 | 0°12 | 27° 1 | 19°21 | 20°25 | 23° 9 | n.a. |
| F 11 | 20 7 58 | 0♄20'19 | 4°II36 | 1♄16 | 7° 9 | 23°17 | 0°28 | 27°47 | 12° 9 | 0°13 | 27° 3 | 19°16 | 20°22 | 23°16 | n.a. |
| S 12 | 20 11 54 | 1°19'20 | 16°28 | 3° 4 | 8°23 | 23°42 | 0°27 | 27°47 | 12°13 | 0°15 | 27° 6 | 19° 9 | 20°18 | 23°22 | n.a. |
| S 13 | 20 15 51 | 2°18'24 | 28°20 | 4°50 | 9°37 | 24° 7 | 0°26 | 27°46 | 12°17 | 0°16 | 27° 8 | 19° 1 | 20°15 | 23°29 | n.a. |
| M14 | 20 19 47 | 3°17'30 | 10♄16 | 6°36 | 10°52 | 24°32 | 0°25 | 27°45 | 12°20 | 0°17 | 27°10 | 18°52 | 20°12 | 23°36 | n.a. |
| T 15 | 20 23 44 | 4°16'38 | 22°18 | 8°21 | 12° 6 | 24°57 | 0°23 | 27°45 | 12°24 | 0°19 | 27°12 | 18°43 | 20° 9 | 23°43 | n.a. |
| W16 | 20 27 40 | 5°15'49 | 4♄27 | 10° 5 | 13°20 | 25°21 | 0°21 | 27°44 | 12°27 | 0°20 | 27°14 | 18°35 | 20° 6 | 23°49 | n.a. |
| T 17 | 20 31 37 | 6°15'02 | 16°44 | 11°49 | 14°34 | 25°44 | 0°19 | 27°44 | 12°31 | 0°22 | 27°17 | 18°29 | 20° 3 | 23°56 | n.a. |
| F 18 | 20 35 34 | 7°14'17 | 29°10 | 13°31 | 15°49 | 26° 7 | 0°17 | 27°44 | 12°34 | 0°23 | 27°19 | 18°25 | 19°59 | 24° 3 | n.a. |
| S 19 | 20 39 30 | 8°13'34 | 11°M47 | 15°12 | 17° 3 | 26°30 | 0°15 | 27°44 | 12°38 | 0°25 | 27°21 | 18°24 | 19°56 | 24° 9 | n.a. |
| S 20 | 20 43 27 | 9°12'53 | 24°35 | 16°53 | 18°18 | 26°52 | 0°12 | 27°D44 | 12°41 | 0°26 | 27°23 | 18°D24 | 19°53 | 24°16 | n.a. |
| M21 | 20 47 23 | 10°12'14 | 7♄37 | 18°33 | 19°32 | 27°14 | 0° 9 | 27°44 | 12°45 | 0°28 | 27°25 | 18°25 | 19°50 | 24°23 | n.a. |
| T 22 | 20 51 20 | 11°11'37 | 20°54 | 20°12 | 20°47 | 27°36 | 0° 6 | 27°44 | 12°48 | 0°30 | 27°27 | 18°26 | 19°47 | 24°30 | n.a. |
| W23 | 20 55 16 | 12°11'02 | 4°II28 | 21°50 | 22° 1 | 27°56 | 0° 3 | 27°44 | 12°52 | 0°31 | 27°30 | 18°27 | 19°44 | 24°36 | n.a. |
| T 24 | 20 59 13 | 13°10'28 | 18°20 | 23°27 | 23°16 | 28°17 | 0° 0 | 27°45 | 12°55 | 0°33 | 27°32 | 18°R28 | 19°40 | 24°43 | n.a. |
| F 25 | 21 3 9 | 14° 9'57 | 2♄30 | 25° 4 | 24°31 | 28°37 | 29♄56 | 27°45 | 12°59 | 0°35 | 27°34 | 18°26 | 19°37 | 24°50 | n.a. |
| S 26 | 21 7 6 | 15° 9'28 | 16°57 | 26°39 | 25°45 | 28°56 | 29°53 | 27°46 | 13° 2 | 0°36 | 27°36 | 18°23 | 19°34 | 24°57 | n.a. |
| S 27 | 21 11 3 | 16° 9'01 | 1♄37 | 28°14 | 27° 0 | 29°15 | 29°49 | 27°46 | 13° 5 | 0°38 | 27°38 | 18°19 | 19°31 | 25° 3 | n.a. |
| M28 | 21 14 59 | 17° 8'36 | 16°24 | 29°49 | 28°15 | 29°34 | 29°44 | 27°47 | 13° 9 | 0°40 | 27°40 | 18°15 | 19°28 | 25°10 | n.a. |
| T 29 | 21 18 56 | 18° 8'12 | 1♄12 | 1°M22 | 29°30 | 29°52 | 29°40 | 27°48 | 13°12 | 0°42 | 27°42 | 18°10 | 19°24 | 25°17 | n.a. |
| W30 | 21 22 52 | 19° 7'51 | 15°51 | 2°55 | 0♄45 | 0♄ 9 | 29°36 | 27°49 | 13°15 | 0°43 | 27°44 | 18° 7 | 19°21 | 25°23 | n.a. |
| T 31 | 21 26 49 | 20°Ω 7'32 | 0♄16 | 4°M27 | 1♄59 | 0♄26 | 29♄31 | 27°M50 | 13°Ω18 | 0♄45 | 27°Ω46 | 18°M 4 | 19°M18 | 25°II30 | n.a. |

Delta T = 13h20m53s

Julian Calendar

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SWISS EPHEMERIS for the year 1987 BCE

SEPTEMBER 1987 BCE (-1986) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♁ | ♃ | ♄ |
|------|----------|----------|-------|-------|-------|-------|--------|-------|-------|------|-------|--------|-------|-------|------|
| F 1 | 21 30 45 | 21Ω 7'15 | 14♃20 | 5♄59 | 3♂14 | 0♃42 | 29°R26 | 27♄51 | 13♁22 | 0♁47 | 27♁49 | 18°D 3 | 19♄15 | 25♂37 | n.a. |
| S 2 | 21 34 42 | 22° 7'00 | 28° 0 | 7°30 | 4°29 | 0°58 | 29♃21 | 27°53 | 13°25 | 0°49 | 27°51 | 18♄ 3 | 19°12 | 25°44 | n.a. |
| S 3 | 21 38 38 | 23° 6'48 | 11♀15 | 9° 0 | 5°44 | 1°13 | 29°16 | 27°54 | 13°28 | 0°51 | 27°53 | 18° 5 | 19° 9 | 25°50 | n.a. |
| M 4 | 21 42 35 | 24° 6'38 | 24° 7 | 10°29 | 6°59 | 1°28 | 29°11 | 27°55 | 13°31 | 0°53 | 27°55 | 18° 6 | 19° 5 | 25°57 | n.a. |
| T 5 | 21 46 31 | 25° 6'31 | 6♃38 | 11°58 | 8°14 | 1°42 | 29° 5 | 27°57 | 13°34 | 0°54 | 27°57 | 18° 8 | 19° 2 | 26° 4 | n.a. |
| W 6 | 21 50 28 | 26° 6'25 | 18°53 | 13°26 | 9°30 | 1°55 | 28°59 | 27°59 | 13°37 | 0°56 | 27°59 | 18° 9 | 18°59 | 26°11 | n.a. |
| T 7 | 21 54 25 | 27° 6'23 | 0♂55 | 14°53 | 10°45 | 2° 8 | 28°54 | 28° 0 | 13°40 | 0°58 | 28° 1 | 18°R 9 | 18°56 | 26°17 | n.a. |
| F 8 | 21 58 21 | 28° 6'22 | 12°50 | 16°20 | 12° 0 | 2°20 | 28°48 | 28° 2 | 13°43 | 1° 0 | 28° 3 | 18° 8 | 18°53 | 26°24 | n.a. |
| S 9 | 22 2 18 | 29° 6'24 | 24°42 | 17°46 | 13°15 | 2°31 | 28°42 | 28° 4 | 13°46 | 1° 2 | 28° 5 | 18° 6 | 18°50 | 26°31 | n.a. |
| S 10 | 22 6 14 | 0♄ 6'29 | 6♁36 | 19°11 | 14°30 | 2°42 | 28°35 | 28° 6 | 13°49 | 1° 4 | 28° 7 | 18° 4 | 18°46 | 26°37 | n.a. |
| M11 | 22 10 11 | 1° 6'35 | 18°35 | 20°35 | 15°46 | 2°52 | 28°29 | 28° 9 | 13°52 | 1° 6 | 28° 8 | 18° 1 | 18°43 | 26°44 | n.a. |
| T 12 | 22 14 7 | 2° 6'44 | 0♂42 | 21°59 | 17° 1 | 3° 1 | 28°22 | 28°11 | 13°55 | 1° 8 | 28°10 | 17°59 | 18°40 | 26°51 | n.a. |
| W13 | 22 18 4 | 3° 6'55 | 13° 0 | 23°21 | 18°16 | 3°10 | 28°16 | 28°13 | 13°58 | 1°10 | 28°12 | 17°56 | 18°37 | 26°58 | n.a. |
| T 14 | 22 22 0 | 4° 7'08 | 25°31 | 24°43 | 19°32 | 3°18 | 28° 9 | 28°16 | 14° 0 | 1°12 | 28°14 | 17°55 | 18°34 | 27° 4 | n.a. |
| F 15 | 22 25 57 | 5° 7'23 | 8♄15 | 26° 4 | 20°47 | 3°25 | 28° 2 | 28°18 | 14° 3 | 1°14 | 28°16 | 17°54 | 18°30 | 27°11 | n.a. |
| S 16 | 22 29 54 | 6° 7'40 | 21°13 | 27°23 | 22° 2 | 3°31 | 27°55 | 28°21 | 14° 6 | 1°16 | 28°18 | 17°D54 | 18°27 | 27°18 | n.a. |
| S 17 | 22 33 50 | 7° 7'59 | 4♁24 | 28°42 | 23°18 | 3°37 | 27°48 | 28°24 | 14° 8 | 1°19 | 28°20 | 17°54 | 18°24 | 27°24 | n.a. |
| M18 | 22 37 47 | 8° 8'20 | 17°48 | 29°59 | 24°33 | 3°42 | 27°40 | 28°26 | 14°11 | 1°21 | 28°21 | 17°55 | 18°21 | 27°31 | n.a. |
| T 19 | 22 41 43 | 9° 8'42 | 1♂14 | 25°49 | 3°46 | 3°46 | 27°33 | 28°29 | 14°14 | 1°23 | 28°23 | 17°56 | 18°18 | 27°38 | n.a. |
| W20 | 22 45 40 | 10° 9'06 | 15°11 | 2°28 | 27° 4 | 3°49 | 27°26 | 28°32 | 14°16 | 1°25 | 28°25 | 17°57 | 18°15 | 27°45 | n.a. |
| T 21 | 22 49 36 | 11° 9'32 | 29° 8 | 3°41 | 28°20 | 3°52 | 27°18 | 28°36 | 14°19 | 1°27 | 28°27 | 17°57 | 18°11 | 27°51 | n.a. |
| F 22 | 22 53 33 | 12° 9'59 | 13♂15 | 4°51 | 29°35 | 3°54 | 27°10 | 28°39 | 14°21 | 1°29 | 28°29 | 17°R57 | 18° 8 | 27°58 | n.a. |
| S 23 | 22 57 29 | 13°10'28 | 27°28 | 5°59 | 0♄51 | 3°55 | 27° 3 | 28°42 | 14°23 | 1°31 | 28°30 | 17°57 | 18° 5 | 28° 5 | n.a. |
| S 24 | 23 1 26 | 14°10'58 | 11♁47 | 7° 5 | 2° 6 | 3°R55 | 26°55 | 28°45 | 14°26 | 1°34 | 28°32 | 17°57 | 18° 2 | 28°12 | n.a. |
| M25 | 23 5 23 | 15°11'30 | 26° 7 | 8° 9 | 3°22 | 3°54 | 26°47 | 28°49 | 14°28 | 1°36 | 28°34 | 17°56 | 17°59 | 28°18 | n.a. |
| T 26 | 23 9 19 | 16°12'04 | 10♁25 | 9° 9 | 4°37 | 3°52 | 26°39 | 28°52 | 14°30 | 1°38 | 28°35 | 17°56 | 17°55 | 28°25 | n.a. |
| W27 | 23 13 16 | 17°12'38 | 24°36 | 10° 6 | 5°53 | 3°50 | 26°31 | 28°56 | 14°33 | 1°40 | 28°37 | 17°56 | 17°52 | 28°32 | n.a. |
| T 28 | 23 17 12 | 18°13'15 | 8♃37 | 10°59 | 7° 9 | 3°47 | 26°23 | 29° 0 | 14°35 | 1°42 | 28°38 | 17°D56 | 17°49 | 28°38 | n.a. |
| F 29 | 23 21 9 | 19°13'53 | 22°23 | 11°48 | 8°24 | 3°42 | 26°15 | 29° 4 | 14°37 | 1°45 | 28°40 | 17°R56 | 17°46 | 28°45 | n.a. |
| S 30 | 23 25 5 | 20♄14'32 | 5♀52 | 12♁32 | 9♄40 | 3♃37 | 26♃ 7 | 29♄ 7 | 14♁39 | 1♁47 | 28♁41 | 17♄56 | 17♄43 | 28♂52 | n.a. |

Delta T = 13h20m51s Julian Calendar 1 Sept. 1987 BCE == Greg. Calendar 15 Aug. 1987 BCE
 The year -1986 astronomical counting style corresponds to year 1987 B.C.E historical counting style.

OCTOBER 1987 BCE (-1986) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♁ | ♃ | ♄ |
|------|----------|----------|-------|--------|-------|-------|--------|-------|-------|------|-------|--------|-------|-------|------|
| S 1 | 23 29 2 | 21♄15'14 | 19♀ 2 | 13♁11 | 10♄55 | 3°R32 | 25°R59 | 29♄11 | 14♁41 | 1♁49 | 28♁43 | 17°R56 | 17♄40 | 28♂59 | n.a. |
| M 2 | 23 32 58 | 22°15'57 | 1♃52 | 13°44 | 12°11 | 3♃25 | 25♃51 | 29°15 | 14°43 | 1°51 | 28°44 | 17♄55 | 17°36 | 29° 5 | n.a. |
| T 3 | 23 36 55 | 23°16'41 | 14°25 | 14°10 | 13°27 | 3°17 | 25°43 | 29°20 | 14°45 | 1°53 | 28°46 | 17°54 | 17°33 | 29°12 | n.a. |
| W 4 | 23 40 51 | 24°17'28 | 26°42 | 14°28 | 14°42 | 3° 9 | 25°34 | 29°24 | 14°47 | 1°56 | 28°47 | 17°54 | 17°30 | 29°19 | n.a. |
| T 5 | 23 44 48 | 25°18'16 | 8♂46 | 14°39 | 15°58 | 3° 0 | 25°26 | 29°28 | 14°49 | 1°58 | 28°49 | 17°53 | 17°27 | 29°25 | n.a. |
| F 6 | 23 48 45 | 26°19'07 | 20°42 | 14°R41 | 17°14 | 2°49 | 25°18 | 29°32 | 14°50 | 2° 0 | 28°50 | 17°53 | 17°24 | 29°32 | n.a. |
| S 7 | 23 52 41 | 27°19'59 | 2♁34 | 14°33 | 18°29 | 2°38 | 25°10 | 29°37 | 14°52 | 2° 2 | 28°52 | 17°D53 | 17°21 | 29°39 | n.a. |
| S 8 | 23 56 38 | 28°20'52 | 14°28 | 14°15 | 19°45 | 2°27 | 25° 2 | 29°41 | 14°54 | 2° 5 | 28°53 | 17°53 | 17°17 | 29°46 | n.a. |
| M 9 | 0 0 34 | 29°21'47 | 26°27 | 13°46 | 21° 1 | 2°14 | 24°53 | 29°46 | 14°55 | 2° 7 | 28°54 | 17°54 | 17°14 | 29°52 | n.a. |
| T 10 | 0 4 31 | 0♁22'44 | 8♂37 | 13° 7 | 22°16 | 2° 0 | 24°45 | 29°51 | 14°57 | 2° 9 | 28°55 | 17°55 | 17°11 | 29°59 | n.a. |
| W11 | 0 8 27 | 1°23'42 | 21° 0 | 12°17 | 23°32 | 1°46 | 24°37 | 29°56 | 14°59 | 2°12 | 28°57 | 17°56 | 17° 8 | 0♁ 6 | n.a. |
| T 12 | 0 12 24 | 2°24'42 | 3♄40 | 11°17 | 24°48 | 1°31 | 24°29 | 0♃ 0 | 15° 0 | 2°14 | 28°58 | 17°57 | 17° 5 | 0°13 | n.a. |
| F 13 | 0 16 20 | 3°25'43 | 16°39 | 10° 9 | 26° 4 | 1°15 | 24°21 | 0° 5 | 15° 1 | 2°16 | 28°59 | 17°R58 | 17° 1 | 0°19 | n.a. |
| S 14 | 0 20 17 | 4°26'46 | 29°58 | 8°53 | 27°19 | 0°58 | 24°13 | 0°10 | 15° 3 | 2°18 | 29° 0 | 17°58 | 16°58 | 0°26 | n.a. |
| S 15 | 0 24 14 | 5°27'49 | 13♁34 | 7°33 | 28°35 | 0°41 | 24° 5 | 0°15 | 15° 4 | 2°21 | 29° 1 | 17°56 | 16°55 | 0°33 | n.a. |
| M16 | 0 28 10 | 6°28'54 | 27°27 | 6°11 | 29°51 | 0°23 | 23°57 | 0°20 | 15° 5 | 2°23 | 29° 3 | 17°54 | 16°52 | 0°39 | n.a. |
| T 17 | 0 32 7 | 7°30'00 | 11♄32 | 4°49 | 1♁ 6 | 0° 4 | 23°50 | 0°26 | 15° 7 | 2°25 | 29° 4 | 17°51 | 16°49 | 0°46 | n.a. |
| W18 | 0 36 3 | 8°31'06 | 25°44 | 3°31 | 2°22 | 29♀45 | 23°42 | 0°31 | 15° 8 | 2°27 | 29° 5 | 17°48 | 16°46 | 0°53 | n.a. |
| T 19 | 0 40 0 | 9°32'14 | 10♃ 1 | 2°18 | 3°38 | 29°25 | 23°34 | 0°36 | 15° 9 | 2°30 | 29° 6 | 17°46 | 16°42 | 1° 0 | n.a. |
| F 20 | 0 43 56 | 10°33'22 | 24°18 | 1°13 | 4°54 | 29° 4 | 23°27 | 0°41 | 15°10 | 2°32 | 29° 7 | 17°44 | 16°39 | 1° 6 | n.a. |
| S 21 | 0 47 53 | 11°34'31 | 8♁31 | 0°19 | 6° 9 | 28°43 | 23°19 | 0°47 | 15°11 | 2°34 | 29° 8 | 17°D43 | 16°36 | 1°13 | n.a. |
| S 22 | 0 51 49 | 12°35'41 | 2°38 | 29♄34 | 7°25 | 28°22 | 23°12 | 0°52 | 15°12 | 2°36 | 29° 9 | 17°43 | 16°33 | 1°20 | n.a. |
| M23 | 0 55 46 | 13°36'51 | 6♁39 | 29° 2 | 8°41 | 28° 0 | 23° 5 | 0°58 | 15°13 | 2°39 | 29° 9 | 17°45 | 16°30 | 1°26 | n.a. |
| T 24 | 0 59 43 | 14°38'02 | 20°30 | 28°40 | 9°56 | 27°38 | 22°58 | 1° 4 | 15°14 | 2°41 | 29°10 | 17°46 | 16°26 | 1°33 | n.a. |
| W25 | 1 3 39 | 15°39'13 | 4♃13 | 28°D30 | 11°12 | 27°15 | 22°51 | 1° 9 | 15°14 | 2°43 | 29°11 | 17°48 | 16°23 | 1°40 | n.a. |
| T 26 | 1 7 36 | 16°40'24 | 17°45 | 28°30 | 12°28 | 26°52 | 22°44 | 1°15 | 15°15 | 2°45 | 29°12 | 17°R48 | 16°20 | 1°47 | n.a. |
| F 27 | 1 11 32 | 17°41'37 | 1♀ 6 | 28°41 | 13°43 | 26°29 | 22°37 | 1°21 | 15°16 | 2°47 | 29°13 | 17°48 | 16°17 | 1°53 | n.a. |
| S 28 | 1 15 29 | 18°42'50 | 14°14 | 29° 0 | 14°59 | 26° 5 | 22°31 | 1°27 | 15°16 | 2°50 | 29°13 | 17°45 | 16°14 | 2° 0 | n.a. |
| S 29 | 1 19 25 | 19°44'03 | 27° 9 | 29°28 | 16°15 | 25°42 | 22°24 | 1°33 | 15°17 | 2°52 | 29°14 | 17°41 | 16°11 | 2° 7 | n.a. |
| M30 | 1 23 22 | 20°45'17 | 9♃50 | 0♁ 3 | 17°30 | 25°18 | 22°18 | 1°39 | 15°17 | 2°54 | 29°15 | 17°36 | 16° 7 | 2°13 | n.a. |
| T 31 | 1 27 18 | 21♁46'32 | 22♃17 | 0♁45 | 18♁46 | 24♀54 | 22♃12 | 1♃45 | 15♁18 | 2♁56 | 29♁15 | 17♄29 | 16♄ 4 | 2♁20 | n.a. |

Delta T = 13h20m49s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 1987 BCE

NOVEMBER 1987 BCE (-1986) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♁ | ♃ | ♄ |
|------|---------|-----------------------|---------------------|--------------------|--------------------|---------------------|---------------------|-------------------|---------------------|-------------------|---------------------|---------------------|--------------------|-------------------|------|
| W 1 | 1 31 15 | 22 [♏] 47'48 | 4 [♐] 32 | 1 [♑] 33 | 20 [♒] 2 | 24 [♓] R30 | 22 [♑] R 6 | 1 [♒] 51 | 15 [♑] 18 | 2 [♐] 58 | 29 [♏] 16 | 17 [♎] R23 | 16 [♎] 1 | 2 [♏] 27 | n.a. |
| T 2 | 1 35 11 | 23 [♏] 49'04 | 16 [♐] 35 | 2 [♑] 26 | 21 [♒] 17 | 24 [♓] Υ 6 | 22 [♑] 0 | 1 [♒] 57 | 15 [♑] 18 | 3 [♐] 0 | 29 [♏] 17 | 17 [♎] 17 | 15 [♎] 58 | 2 [♏] 34 | n.a. |
| F 3 | 1 39 8 | 24 [♏] 50'21 | 28 [♐] 31 | 3 [♑] 23 | 22 [♒] 33 | 23 [♓] 43 | 21 [♑] 54 | 2 [♒] 3 | 15 [♑] 19 | 3 [♐] 3 | 29 [♏] 17 | 17 [♎] 12 | 15 [♎] 55 | 2 [♏] 40 | n.a. |
| S 4 | 1 43 5 | 25 [♏] 51'39 | 10 [♐] 23 | 4 [♑] 25 | 23 [♒] 48 | 23 [♓] 19 | 21 [♑] 48 | 2 [♒] 9 | 15 [♑] 19 | 3 [♐] 5 | 29 [♏] 18 | 17 [♎] 9 | 15 [♎] 52 | 2 [♏] 47 | n.a. |
| S 5 | 1 47 1 | 26 [♏] 52'57 | 22 [♐] 15 | 5 [♑] 30 | 25 [♒] 4 | 22 [♓] 55 | 21 [♑] 43 | 2 [♒] 15 | 15 [♑] 19 | 3 [♐] 7 | 29 [♏] 18 | 17 [♎] D 7 | 15 [♎] 48 | 2 [♏] 54 | n.a. |
| M 6 | 1 50 58 | 27 [♏] 54'16 | 4 [♐] 12 | 6 [♑] 38 | 26 [♒] 20 | 22 [♓] 32 | 21 [♑] 38 | 2 [♒] 22 | 15 [♑] 19 | 3 [♐] 9 | 29 [♏] 18 | 17 [♎] 7 | 15 [♎] 45 | 3 [♏] 0 | n.a. |
| T 7 | 1 54 54 | 28 [♏] 55'36 | 16 [♐] 19 | 7 [♑] 49 | 27 [♒] 35 | 22 [♓] 9 | 21 [♑] 33 | 2 [♒] 28 | 15 [♑] R19 | 3 [♐] 11 | 29 [♏] 19 | 17 [♎] 8 | 15 [♎] 42 | 3 [♏] 7 | n.a. |
| W 8 | 1 58 51 | 29 [♏] 56'55 | 28 [♐] 41 | 9 [♑] 2 | 28 [♒] 51 | 21 [♓] 46 | 21 [♑] 28 | 2 [♒] 34 | 15 [♑] 19 | 3 [♐] 13 | 29 [♏] 19 | 17 [♎] 10 | 15 [♎] 39 | 3 [♏] 14 | n.a. |
| T 9 | 2 2 47 | 0 [♐] 58'16 | 11 [♐] 23 | 10 [♑] 17 | 0 [♒] 6 | 21 [♓] 24 | 21 [♑] 23 | 2 [♒] 41 | 15 [♑] 19 | 3 [♐] 15 | 29 [♏] 20 | 17 [♎] R11 | 15 [♎] 36 | 3 [♏] 21 | n.a. |
| F 10 | 2 6 44 | 1 [♐] 59'37 | 24 [♐] 28 | 11 [♑] 34 | 1 [♒] 22 | 21 [♓] 2 | 21 [♑] 18 | 2 [♒] 47 | 15 [♑] 19 | 3 [♐] 17 | 29 [♏] 20 | 17 [♎] 11 | 15 [♎] 32 | 3 [♏] 27 | n.a. |
| S 11 | 2 10 40 | 3 [♐] 0'58 | 7 [♐] 58 | 12 [♑] 53 | 2 [♒] 38 | 20 [♓] 41 | 21 [♑] 14 | 2 [♒] 54 | 15 [♑] 19 | 3 [♐] 19 | 29 [♏] 20 | 17 [♎] 9 | 15 [♎] 29 | 3 [♏] 34 | n.a. |
| S 12 | 2 14 37 | 4 [♐] 2'19 | 21 [♐] 53 | 14 [♑] 13 | 3 [♒] 53 | 20 [♓] 20 | 21 [♑] 10 | 3 [♒] 0 | 15 [♑] 18 | 3 [♐] 21 | 29 [♏] 20 | 17 [♎] 5 | 15 [♎] 26 | 3 [♏] 41 | n.a. |
| M13 | 2 18 34 | 5 [♐] 3'40 | 6 [♐] 11 | 15 [♑] 34 | 5 [♒] 9 | 19 [♓] 59 | 21 [♑] 6 | 3 [♒] 7 | 15 [♑] 18 | 3 [♐] 23 | 29 [♏] 21 | 16 [♎] 59 | 15 [♎] 23 | 3 [♏] 47 | n.a. |
| T 14 | 2 22 30 | 6 [♐] 5'02 | 20 [♐] 44 | 16 [♑] 57 | 6 [♒] 24 | 19 [♓] 39 | 21 [♑] 2 | 3 [♒] 14 | 15 [♑] 18 | 3 [♐] 25 | 29 [♏] 21 | 16 [♎] 51 | 15 [♎] 20 | 3 [♏] 54 | n.a. |
| W15 | 2 26 27 | 7 [♐] 6'23 | 5 [♐] 28 | 18 [♑] 20 | 7 [♒] 40 | 19 [♓] 20 | 20 [♑] 58 | 3 [♒] 20 | 15 [♑] 17 | 3 [♐] 27 | 29 [♏] 21 | 16 [♎] 42 | 15 [♎] 17 | 4 [♏] 1 | n.a. |
| T 16 | 2 30 23 | 8 [♐] 7'44 | 20 [♐] 13 | 19 [♑] 45 | 8 [♒] 55 | 19 [♓] 1 | 20 [♑] 55 | 3 [♒] 27 | 15 [♑] 17 | 3 [♐] 29 | 29 [♏] 21 | 16 [♎] 34 | 15 [♎] 13 | 4 [♏] 8 | n.a. |
| F 17 | 2 34 20 | 9 [♐] 9'05 | 4 [♐] 51 | 21 [♑] 10 | 10 [♒] 11 | 18 [♓] 43 | 20 [♑] 52 | 3 [♒] 34 | 15 [♑] 16 | 3 [♐] 31 | 29 [♏] 21 | 16 [♎] 28 | 15 [♎] 10 | 4 [♏] 14 | n.a. |
| S 18 | 2 38 16 | 10 [♐] 10'25 | 19 [♐] 18 | 11 [♑] 26 | 11 [♒] 26 | 18 [♓] 26 | 20 [♑] 49 | 3 [♒] 40 | 15 [♑] 16 | 3 [♐] 33 | 29 [♏] R21 | 16 [♎] 24 | 15 [♎] 7 | 4 [♏] 21 | n.a. |
| S 19 | 2 42 13 | 11 [♐] 11'45 | 3 [♐] 30 | 24 [♑] 3 | 12 [♒] 42 | 18 [♓] 9 | 20 [♑] 46 | 3 [♒] 47 | 15 [♑] 15 | 3 [♐] 35 | 29 [♏] 21 | 16 [♎] 22 | 15 [♎] 4 | 4 [♏] 28 | n.a. |
| M20 | 2 46 9 | 12 [♐] 13'04 | 17 [♐] 25 | 25 [♑] 30 | 13 [♒] 57 | 17 [♓] 53 | 20 [♑] 43 | 3 [♒] 54 | 15 [♑] 14 | 3 [♐] 37 | 29 [♏] 21 | 16 [♎] D22 | 15 [♎] 1 | 4 [♏] 35 | n.a. |
| T 21 | 2 50 6 | 13 [♐] 14'23 | 1 [♐] 3 | 26 [♑] 58 | 15 [♒] 13 | 17 [♓] 38 | 20 [♑] 41 | 4 [♒] 1 | 15 [♑] 14 | 3 [♐] 39 | 29 [♏] 21 | 16 [♎] 22 | 14 [♎] 57 | 4 [♏] 41 | n.a. |
| W22 | 2 54 3 | 14 [♐] 15'41 | 14 [♐] 26 | 28 [♑] 26 | 16 [♒] 28 | 17 [♓] 24 | 20 [♑] 38 | 4 [♒] 8 | 15 [♑] 13 | 3 [♐] 41 | 29 [♏] 21 | 16 [♎] R23 | 14 [♎] 54 | 4 [♏] 48 | n.a. |
| T 23 | 2 57 59 | 15 [♐] 16'58 | 27 [♐] 35 | 29 [♑] 55 | 17 [♒] 43 | 17 [♓] 10 | 20 [♑] 36 | 4 [♒] 15 | 15 [♑] 12 | 3 [♐] 42 | 29 [♏] 21 | 16 [♎] 22 | 14 [♎] 51 | 4 [♏] 55 | n.a. |
| F 24 | 3 1 56 | 16 [♐] 18'15 | 10 [♐] Υ32 | 1 [♒] 25 | 18 [♒] 59 | 16 [♓] 57 | 20 [♑] 35 | 4 [♒] 22 | 15 [♑] 11 | 3 [♐] 44 | 29 [♏] 20 | 16 [♎] 20 | 14 [♎] 48 | 5 [♏] 1 | n.a. |
| S 25 | 3 5 52 | 17 [♐] 19'31 | 23 [♐] 18 | 2 [♑] 55 | 20 [♒] 14 | 16 [♓] 45 | 20 [♑] 33 | 4 [♒] 29 | 15 [♑] 10 | 3 [♐] 46 | 29 [♏] 20 | 16 [♎] 14 | 14 [♎] 45 | 5 [♏] 8 | n.a. |
| S 26 | 3 9 49 | 18 [♐] 20'46 | 5 [♐] 54 | 4 [♑] 25 | 21 [♒] 30 | 16 [♓] 34 | 20 [♑] 32 | 4 [♒] 36 | 15 [♑] 9 | 3 [♐] 48 | 29 [♏] 20 | 16 [♎] 6 | 14 [♎] 42 | 5 [♏] 15 | n.a. |
| M27 | 3 13 45 | 19 [♐] 22'01 | 18 [♐] 21 | 5 [♑] 56 | 22 [♒] 45 | 16 [♓] 23 | 20 [♑] 30 | 4 [♒] 43 | 15 [♑] 8 | 3 [♐] 49 | 29 [♏] 20 | 15 [♎] 55 | 14 [♎] 38 | 5 [♏] 22 | n.a. |
| T 28 | 3 17 42 | 20 [♐] 23'16 | 0 [♐] 37 | 7 [♑] 28 | 24 [♒] 0 | 16 [♓] 14 | 20 [♑] 29 | 4 [♒] 50 | 15 [♑] 7 | 3 [♐] 51 | 29 [♏] 19 | 15 [♎] 42 | 14 [♎] 35 | 5 [♏] 28 | n.a. |
| W29 | 3 21 38 | 21 [♐] 24'29 | 12 [♐] 45 | 9 [♑] 0 | 25 [♒] 16 | 16 [♓] 5 | 20 [♑] 29 | 4 [♒] 57 | 15 [♑] 6 | 3 [♐] 53 | 29 [♏] 19 | 15 [♎] 29 | 14 [♎] 32 | 5 [♏] 35 | n.a. |
| T 30 | 3 25 35 | 22 [♐] 25'43 | 24 [♐] 45 | 10 [♑] 32 | 26 [♒] 31 | 15 [♓] 57 | 20 [♑] 28 | 5 [♒] 4 | 15 [♑] 4 | 3 [♐] 54 | 29 [♏] 19 | 15 [♎] 17 | 14 [♎] 29 | 5 [♏] 42 | n.a. |

Delta T = 13h20m47s Julian Calendar 1 Nov. 1987 BCE == Greg. Calendar 15 Oct. 1987 BCE
 The year -1986 astronomical counting style corresponds to year 1987 B.C.E historical counting style.

DECEMBER 1987 BCE (-1986) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♁ | ♃ | ♄ |
|------|---------|-----------------------|--------------------|--------------------|--------------------|---------------------|---------------------|-------------------|---------------------|-------------------|---------------------|---------------------|--------------------|-------------------|------|
| F 1 | 3 29 32 | 23 [♐] 26'55 | 6 [♐] 39 | 12 [♑] 5 | 27 [♒] 46 | 15 [♓] R50 | 20 [♑] R28 | 5 [♒] 11 | 15 [♑] R 3 | 3 [♐] 56 | 29 [♏] R18 | 15 [♎] R 6 | 14 [♎] 26 | 5 [♏] 48 | n.a. |
| S 2 | 3 33 28 | 24 [♐] 28'07 | 18 [♐] 29 | 13 [♑] 38 | 29 [♒] 1 | 15 [♓] Υ43 | 20 [♑] D27 | 5 [♒] 18 | 15 [♑] 2 | 3 [♐] 58 | 29 [♏] 18 | 14 [♎] 58 | 14 [♎] 23 | 5 [♏] 55 | n.a. |
| S 3 | 3 37 25 | 25 [♐] 29'19 | 0 [♐] 20 | 15 [♑] 12 | 0 [♒] 17 | 15 [♓] 38 | 20 [♑] 28 | 5 [♒] 25 | 15 [♑] 1 | 3 [♐] 59 | 29 [♏] 17 | 14 [♎] 52 | 14 [♎] 19 | 6 [♏] 2 | n.a. |
| M 4 | 3 41 21 | 26 [♐] 30'30 | 12 [♐] 14 | 16 [♑] 47 | 1 [♒] 32 | 15 [♓] 33 | 20 [♑] 28 | 5 [♒] 32 | 14 [♑] 59 | 4 [♐] 1 | 29 [♏] 17 | 14 [♎] 49 | 14 [♎] 16 | 6 [♏] 9 | n.a. |
| T 5 | 3 45 18 | 27 [♐] 31'40 | 24 [♐] 17 | 18 [♑] 21 | 2 [♒] 47 | 15 [♓] 29 | 20 [♑] 28 | 5 [♒] 39 | 14 [♑] 58 | 4 [♐] 2 | 29 [♏] 16 | 14 [♎] D48 | 14 [♎] 13 | 6 [♏] 15 | n.a. |
| W 6 | 3 49 14 | 28 [♐] 32'50 | 6 [♐] 35 | 19 [♑] 57 | 4 [♒] 3 | 15 [♓] 26 | 20 [♑] 29 | 5 [♒] 46 | 14 [♑] 56 | 4 [♐] 4 | 29 [♏] 16 | 14 [♎] 48 | 14 [♎] 10 | 6 [♏] 22 | n.a. |
| T 7 | 3 53 11 | 29 [♐] 33'59 | 19 [♐] 12 | 21 [♑] 33 | 5 [♒] 18 | 15 [♓] 23 | 20 [♑] 30 | 5 [♒] 53 | 14 [♑] 55 | 4 [♐] 5 | 29 [♏] 15 | 14 [♎] R48 | 14 [♎] 7 | 6 [♏] 29 | n.a. |
| F 8 | 3 57 7 | 0 [♐] 35'07 | 2 [♐] 14 | 23 [♑] 9 | 6 [♒] 33 | 15 [♓] 21 | 20 [♑] 31 | 6 [♒] 1 | 14 [♑] 53 | 4 [♐] 7 | 29 [♏] 15 | 14 [♎] 47 | 14 [♎] 3 | 6 [♏] 35 | n.a. |
| S 9 | 4 1 4 | 1 [♐] 36'15 | 15 [♐] 44 | 24 [♑] 46 | 7 [♒] 48 | 15 [♓] 21 | 20 [♑] 32 | 6 [♒] 8 | 14 [♑] 51 | 4 [♐] 8 | 29 [♏] 14 | 14 [♎] 43 | 14 [♎] 0 | 6 [♏] 42 | n.a. |
| S 10 | 4 5 1 | 2 [♐] 37'22 | 29 [♐] 43 | 26 [♑] 24 | 9 [♒] 3 | 15 [♓] D21 | 20 [♑] 33 | 6 [♒] 15 | 14 [♑] 50 | 4 [♐] 10 | 29 [♏] 13 | 14 [♎] 37 | 13 [♎] 57 | 6 [♏] 49 | n.a. |
| M11 | 4 8 57 | 3 [♐] 38'28 | 14 [♐] 11 | 28 [♑] 3 | 10 [♒] 19 | 15 [♓] 21 | 20 [♑] 35 | 6 [♒] 22 | 14 [♑] 48 | 4 [♐] 11 | 29 [♏] 12 | 14 [♎] 29 | 13 [♎] 54 | 6 [♏] 56 | n.a. |
| T 12 | 4 12 54 | 4 [♐] 39'33 | 29 [♐] 1 | 29 [♑] 41 | 11 [♒] 34 | 15 [♓] 23 | 20 [♑] 37 | 6 [♒] 29 | 14 [♑] 46 | 4 [♐] 12 | 29 [♏] 12 | 14 [♎] 18 | 13 [♎] 51 | 7 [♏] 2 | n.a. |
| W13 | 4 16 50 | 5 [♐] 40'37 | 14 [♐] 7 | 1 [♒] 21 | 12 [♒] 49 | 15 [♓] 25 | 20 [♑] 39 | 6 [♒] 36 | 14 [♑] 44 | 4 [♐] 14 | 29 [♏] 11 | 14 [♎] 6 | 13 [♎] 48 | 7 [♏] 9 | n.a. |
| T 14 | 4 20 47 | 6 [♐] 41'40 | 29 [♐] 17 | 3 [♑] 1 | 14 [♒] 4 | 15 [♓] 28 | 20 [♑] 41 | 6 [♒] 44 | 14 [♑] 42 | 4 [♐] 15 | 29 [♏] 10 | 13 [♎] 54 | 13 [♎] 44 | 7 [♏] 16 | n.a. |
| F 15 | 4 24 43 | 7 [♐] 42'41 | 14 [♐] 32 | 4 [♑] 42 | 15 [♒] 19 | 15 [♓] 31 | 20 [♑] 44 | 6 [♒] 51 | 14 [♑] 41 | 4 [♐] 16 | 29 [♏] 9 | 13 [♎] 45 | 13 [♎] 41 | 7 [♏] 22 | n.a. |
| S 16 | 4 28 40 | 8 [♐] 43'41 | 29 [♐] 9 | 6 [♑] 24 | 16 [♒] 34 | 15 [♓] 36 | 20 [♑] 47 | 6 [♒] 58 | 14 [♑] 39 | 4 [♐] 17 | 29 [♏] 8 | 13 [♎] 38 | 13 [♎] 38 | 7 [♏] 29 | n.a. |
| S 17 | 4 32 36 | 9 [♐] 44'39 | 13 [♐] 37 | 8 [♑] 6 | 17 [♒] 49 | 15 [♓] 41 | 20 [♑] 49 | 7 [♒] 5 | 14 [♑] 37 | 4 [♐] 19 | 29 | | | | |