

SWISS EPHEMERIS for the year 1480

JANUARY 1480 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|-------|--------|-------|------|------|-------|--------|-------|-------|-------|
| S 1 | 7 15 8 | 19☾17'18 | 0♏ 9 | 12☾48 | 8°R26 | 4♏29 | 27°R58 | 0°R52 | 5♁14 | 2♁35 | 3°R53 | 12°R23 | 11☾57 | 15♁30 | 12♁42 |
| S 2 | 7 19 5 | 20°18'23 | 14°47 | 14°25 | 8♁ 4 | 5° 2 | 27♏51 | 0♁52 | 5°17 | 2°37 | 3♁52 | 12☾22 | 11°53 | 15°37 | 12°44 |
| M 3 | 7 23 1 | 21°19'28 | 29°16 | 16° 2 | 7°40 | 5°36 | 27°44 | 0°52 | 5°20 | 2°39 | 3°52 | 12°21 | 11°50 | 15°44 | 12°47 |
| T 4 | 7 26 58 | 22°20'33 | 13♁32 | 17°40 | 7°14 | 6° 9 | 27°37 | 0°52 | 5°23 | 2°40 | 3°52 | 12°21 | 11°47 | 15°50 | 12°49 |
| W 5 | 7 30 55 | 23°21'37 | 27°33 | 19°19 | 6°46 | 6°43 | 27°30 | 0°52 | 5°25 | 2°42 | 3°52 | 12°D21 | 11°44 | 15°57 | 12°52 |
| T 6 | 7 34 51 | 24°22'41 | 11♏18 | 20°58 | 6°16 | 7°16 | 27°24 | 0°51 | 5°28 | 2°43 | 3°52 | 12°21 | 11°41 | 16° 4 | 12°55 |
| F 7 | 7 38 48 | 25°23'44 | 24°46 | 22°37 | 5°44 | 7°49 | 27°17 | 0°51 | 5°31 | 2°45 | 3°51 | 12°22 | 11°37 | 16°10 | 12°58 |
| S 8 | 7 42 44 | 26°24'47 | 8♁ 0 | 24°18 | 5°11 | 8°22 | 27°11 | 0°50 | 5°33 | 2°46 | 3°51 | 12°23 | 11°34 | 16°17 | 13° 0 |
| S 9 | 7 46 41 | 27°25'50 | 20°59 | 25°58 | 4°37 | 8°55 | 27° 5 | 0°49 | 5°36 | 2°48 | 3°50 | 12°25 | 11°31 | 16°24 | 13° 3 |
| M10 | 7 50 37 | 28°26'51 | 3☾45 | 27°40 | 4° 2 | 9°28 | 26°59 | 0°48 | 5°39 | 2°49 | 3°50 | 12°25 | 11°28 | 16°30 | 13° 6 |
| T 11 | 7 54 34 | 29°27'52 | 16°19 | 29°22 | 3°26 | 10° 1 | 26°53 | 0°47 | 5°41 | 2°51 | 3°50 | 12°R26 | 11°25 | 16°37 | 13° 9 |
| W12 | 7 58 31 | 0♁28'52 | 28°43 | 1♁ 5 | 2°49 | 10°33 | 26°47 | 0°46 | 5°44 | 2°52 | 3°49 | 12°25 | 11°22 | 16°44 | 13°12 |
| T 13 | 8 2 27 | 1°29'51 | 10♁56 | 2°48 | 2°12 | 11° 6 | 26°42 | 0°45 | 5°46 | 2°54 | 3°49 | 12°23 | 11°18 | 16°51 | 13°15 |
| F 14 | 8 6 24 | 2°30'49 | 23° 1 | 4°32 | 1°35 | 11°38 | 26°37 | 0°44 | 5°49 | 2°55 | 3°48 | 12°20 | 11°15 | 16°57 | 13°18 |
| S 15 | 8 10 20 | 3°31'46 | 4♁59 | 6°17 | 0°58 | 12°11 | 26°31 | 0°42 | 5°51 | 2°56 | 3°47 | 12°17 | 11°12 | 17° 4 | 13°21 |
| S 16 | 8 14 17 | 4°32'41 | 16°52 | 8° 2 | 0°22 | 12°43 | 26°26 | 0°41 | 5°53 | 2°58 | 3°47 | 12°13 | 11° 9 | 17°11 | 13°24 |
| M17 | 8 18 13 | 5°33'36 | 28°42 | 9°48 | 29☾46 | 13°15 | 26°21 | 0°39 | 5°56 | 2°59 | 3°46 | 12° 9 | 11° 6 | 17°17 | 13°27 |
| T 18 | 8 22 10 | 6°34'28 | 10♏34 | 11°35 | 29°11 | 13°47 | 26°17 | 0°37 | 5°58 | 3° 0 | 3°46 | 12° 6 | 11° 3 | 17°24 | 13°31 |
| W19 | 8 26 6 | 7°35'20 | 22°31 | 13°21 | 28°37 | 14°19 | 26°12 | 0°36 | 6° 0 | 3° 2 | 3°45 | 12° 3 | 10°59 | 17°31 | 13°34 |
| T 20 | 8 30 3 | 8°36'10 | 4♁37 | 15° 9 | 28° 5 | 14°51 | 26° 8 | 0°34 | 6° 2 | 3° 3 | 3°44 | 12°D 2 | 10°56 | 17°38 | 13°37 |
| F 21 | 8 33 59 | 9°36'58 | 16°57 | 16°56 | 27°34 | 15°23 | 26° 4 | 0°32 | 6° 5 | 3° 4 | 3°43 | 12° 3 | 10°53 | 17°44 | 13°40 |
| S 22 | 8 37 56 | 10°37'46 | 29°35 | 18°44 | 27° 5 | 15°54 | 26° 0 | 0°30 | 6° 7 | 3° 5 | 3°42 | 12° 4 | 10°50 | 17°51 | 13°43 |
| S 23 | 8 41 53 | 11°38'31 | 12♏36 | 20°32 | 26°38 | 16°26 | 25°56 | 0°27 | 6° 9 | 3° 6 | 3°42 | 12° 5 | 10°47 | 17°58 | 13°47 |
| M24 | 8 45 49 | 12°39'15 | 26° 3 | 22°21 | 26°13 | 16°57 | 25°53 | 0°25 | 6°11 | 3° 7 | 3°41 | 12° 7 | 10°43 | 18° 4 | 13°50 |
| T 25 | 8 49 46 | 13°39'58 | 9☾57 | 24° 9 | 25°50 | 17°28 | 25°49 | 0°23 | 6°13 | 3° 8 | 3°40 | 12°R 8 | 10°40 | 18°11 | 13°53 |
| W26 | 8 53 42 | 14°40'39 | 24°18 | 25°56 | 25°30 | 17°59 | 25°46 | 0°20 | 6°14 | 3° 9 | 3°39 | 12° 7 | 10°37 | 18°18 | 13°57 |
| T 27 | 8 57 39 | 15°41'18 | 9♏ 1 | 27°43 | 25°11 | 18°30 | 25°43 | 0°18 | 6°16 | 3°10 | 3°38 | 12° 5 | 10°34 | 18°25 | 14° 0 |
| F 28 | 9 1 35 | 16°41'56 | 24° 1 | 29°29 | 24°56 | 19° 1 | 25°40 | 0°15 | 6°18 | 3°11 | 3°37 | 12° 1 | 10°31 | 18°31 | 14° 4 |
| S 29 | 9 5 32 | 17°42'32 | 9♏ 8 | 1♁14 | 24°42 | 19°32 | 25°37 | 0°12 | 6°20 | 3°12 | 3°36 | 11°56 | 10°28 | 18°38 | 14° 7 |
| S 30 | 9 9 29 | 18°43'07 | 24°13 | 2°57 | 24°31 | 20° 2 | 25°35 | 0° 9 | 6°22 | 3°13 | 3°35 | 11°51 | 10°24 | 18°45 | 14°10 |
| M31 | 9 13 25 | 19°43'41 | 9♁ 6 | 4♁39 | 24☾23 | 20♏33 | 25♏33 | 0♁ 6 | 6♁23 | 3♁14 | 3♁34 | 11☾45 | 10☾21 | 18♁51 | 14♁14 |

Delta T = 215.78 sec. Julian Calendar 1 Jan. 1480 == Greg. Calendar 10 Jan. 1480

FEBRUARY 1480 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|--------|-------|--------|-------|------|-------|-------|--------|-------|-------|-------|
| T 1 | 9 17 22 | 20°44'13 | 23♁40 | 6♁17 | 24°R17 | 21♏ 3 | 25°R31 | 0°R 3 | 6♁25 | 3♁15 | 3°R33 | 11°R41 | 10☾18 | 18♁58 | 14♁17 |
| W 2 | 9 21 18 | 21°44'44 | 7♏52 | 7°53 | 24☾14 | 21°33 | 25♏29 | 0♁ 0 | 6°26 | 3°15 | 3♁32 | 11☾38 | 10°15 | 19° 5 | 14°21 |
| T 3 | 9 25 15 | 22°45'14 | 21°38 | 9°26 | 24°D13 | 22° 3 | 25°27 | 29♏57 | 6°28 | 3°16 | 3°31 | 11°D37 | 10°12 | 19°12 | 14°24 |
| F 4 | 9 29 11 | 23°45'43 | 5♁ 1 | 10°54 | 24°14 | 22°33 | 25°26 | 29°54 | 6°29 | 3°17 | 3°29 | 11°38 | 10° 9 | 19°18 | 14°28 |
| S 5 | 9 33 8 | 24°46'10 | 18° 3 | 12°17 | 24°18 | 23° 3 | 25°25 | 29°51 | 6°31 | 3°18 | 3°28 | 11°39 | 10° 5 | 19°25 | 14°32 |
| S 6 | 9 37 4 | 25°46'36 | 0☾46 | 13°35 | 24°24 | 23°32 | 25°23 | 29°47 | 6°32 | 3°18 | 3°27 | 11°41 | 10° 2 | 19°32 | 14°35 |
| M 7 | 9 41 1 | 26°47'00 | 13°15 | 14°47 | 24°33 | 24° 1 | 25°23 | 29°44 | 6°34 | 3°19 | 3°26 | 11°R41 | 9°59 | 19°38 | 14°39 |
| T 8 | 9 44 58 | 27°47'23 | 25°33 | 15°52 | 24°44 | 24°31 | 25°22 | 29°40 | 6°35 | 3°20 | 3°25 | 11°40 | 9°56 | 19°45 | 14°42 |
| W 9 | 9 48 54 | 28°47'45 | 7♁41 | 16°50 | 24°56 | 25° 0 | 25°21 | 29°36 | 6°36 | 3°20 | 3°23 | 11°37 | 9°53 | 19°52 | 14°46 |
| T 10 | 9 52 51 | 29°48'05 | 19°43 | 17°40 | 25°11 | 25°28 | 25°21 | 29°33 | 6°37 | 3°21 | 3°22 | 11°31 | 9°49 | 19°59 | 14°50 |
| F 11 | 9 56 47 | 0♁48'23 | 1♁40 | 18°22 | 25°28 | 25°57 | 25°D21 | 29°29 | 6°38 | 3°21 | 3°21 | 11°23 | 9°46 | 20° 5 | 14°53 |
| S 12 | 10 0 44 | 1°48'39 | 13°34 | 18°54 | 25°47 | 26°25 | 25°21 | 29°25 | 6°39 | 3°22 | 3°19 | 11°13 | 9°43 | 20°12 | 14°57 |
| S 13 | 10 4 40 | 2°48'53 | 25°26 | 19°18 | 26° 8 | 26°54 | 25°22 | 29°21 | 6°40 | 3°22 | 3°18 | 11° 3 | 9°40 | 20°19 | 15° 1 |
| M14 | 10 8 37 | 3°49'05 | 7♏17 | 19°32 | 26°31 | 27°22 | 25°22 | 29°17 | 6°41 | 3°22 | 3°17 | 10°52 | 9°37 | 20°25 | 15° 4 |
| T 15 | 10 12 33 | 4°49'16 | 19°10 | 19°R36 | 26°55 | 27°50 | 25°23 | 29°13 | 6°42 | 3°23 | 3°15 | 10°43 | 9°34 | 20°32 | 15° 8 |
| W16 | 10 16 30 | 5°49'24 | 1♁ 8 | 19°32 | 27°22 | 28°17 | 25°24 | 29° 9 | 6°43 | 3°23 | 3°14 | 10°35 | 9°30 | 20°39 | 15°12 |
| T 17 | 10 20 26 | 6°49'30 | 13°13 | 19°17 | 27°49 | 28°45 | 25°25 | 29° 5 | 6°44 | 3°23 | 3°12 | 10°30 | 9°27 | 20°46 | 15°16 |
| F 18 | 10 24 23 | 7°49'34 | 25°30 | 18°55 | 28°19 | 29°12 | 25°26 | 29° 1 | 6°45 | 3°24 | 3°11 | 10°27 | 9°24 | 20°52 | 15°19 |
| S 19 | 10 28 20 | 8°49'36 | 8♏ 3 | 18°24 | 28°50 | 29°39 | 25°28 | 28°57 | 6°45 | 3°24 | 3° 9 | 10°D26 | 9°21 | 20°59 | 15°23 |
| S 20 | 10 32 16 | 9°49'36 | 20°56 | 17°46 | 29°22 | 0♁ 5 | 25°30 | 28°52 | 6°46 | 3°24 | 3° 8 | 10°27 | 9°18 | 21° 6 | 15°27 |
| M21 | 10 36 13 | 10°49'34 | 4☾14 | 17° 1 | 29°56 | 0°32 | 25°31 | 28°48 | 6°46 | 3°24 | 3° 6 | 10°R27 | 9°15 | 21°12 | 15°31 |
| T 22 | 10 40 9 | 11°49'30 | 18° 0 | 16°11 | 0♁31 | 0°58 | 25°34 | 28°44 | 6°47 | 3°24 | 3° 5 | 10°27 | 9°11 | 21°19 | 15°34 |
| W23 | 10 44 6 | 12°49'23 | 2♏15 | 15°17 | 1° 7 | 1°24 | 25°36 | 28°39 | 6°47 | 3°24 | 3° 3 | 10°25 | 9° 8 | 21°26 | 15°38 |
| T 24 | 10 48 2 | 13°49'14 | 16°58 | 14°20 | 1°45 | 1°50 | 25°38 | 28°35 | 6°48 | 3°24 | 3° 2 | 10°21 | 9° 5 | 21°33 | 15°42 |
| F 25 | 10 51 59 | 14°49'03 | 2♏ 3 | 13°22 | 2°24 | 2°16 | 25°41 | 28°30 | 6°48 | 3°R24 | 3° 0 | 10°14 | 9° 2 | 21°39 | 15°46 |
| S 26 | 10 55 55 | 15°48'50 | 17°21 | 12°24 | 3° 4 | 2°41 | 25°44 | 28°26 | 6°48 | 3°24 | 2°59 | 10° 5 | 8°59 | 21°46 | 15°49 |
| S 27 | 10 59 52 | 16°48'34 | 2♁41 | 11°27 | 3°45 | 3° 6 | 25°47 | 28°21 | 6°49 | 3°24 | 2°57 | 9°55 | 8°55 | 21°53 | 15°53 |
| M28 | 11 3 49 | 17°48'17 | 17°53 | 10°32 | 4°27 | 3°31 | 25°50 | 28°17 | 6°49 | 3°24 | 2°56 | 9°45 | 8°52 | 21°59 | 15°57 |
| T 29 | 11 7 45 | 18°47'58 | 2♏45 | 9♁41 | 5♁10 | 3♁56 | 25♏53 | 28♏12 | 6♁49 | 3♁24 | 2♁54 | 9☾37 | 8☾49 | 22♁ 6 | 16♁ 1 |

Delta T = 215.68 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1480

MARCH 1480 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
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| W 1 | 11 11 42 | 19 ^h 47'38 | 17 ^m 11 | 8°R53 | 5 ^h 54 | 4 ^h 20 | 25 ^h 57 | 28°R 8 | 6 ^h 49 | 3°R24 | 2°R52 | 9°R31 | 8 ^h 46 | 22 ^h 13 | 16 ^h 4 |
| T 2 | 11 15 38 | 20°47'15 | 1 ^h 8 | 8 ^h 11 | 6°40 | 4°44 | 26° 1 | 28 ^m 3 | 6°R49 | 3 ^h 24 | 2 ^h 51 | 9 ^h 27 | 8°43 | 22°20 | 16° 8 |
| F 3 | 11 19 35 | 21°46'51 | 14°36 | 7°34 | 7°26 | 5° 8 | 26° 5 | 27°58 | 6°49 | 3°24 | 2°49 | 9°25 | 8°40 | 22°26 | 16°12 |
| S 4 | 11 23 31 | 22°46'25 | 27°38 | 7° 2 | 8°13 | 5°31 | 26° 9 | 27°54 | 6°49 | 3°23 | 2°47 | 9°D25 | 8°36 | 22°33 | 16°15 |
| S 5 | 11 27 28 | 23°45'58 | 10 ^h 18 | 6°37 | 9° 0 | 5°54 | 26°13 | 27°49 | 6°49 | 3°23 | 2°46 | 9°R25 | 8°33 | 22°40 | 16°19 |
| M 6 | 11 31 24 | 24°45'28 | 22°39 | 6°17 | 9°49 | 6°17 | 26°18 | 27°44 | 6°49 | 3°23 | 2°44 | 9°25 | 8°30 | 22°46 | 16°23 |
| T 7 | 11 35 21 | 25°44'57 | 4 ^h 48 | 6° 4 | 10°38 | 6°39 | 26°22 | 27°40 | 6°49 | 3°22 | 2°43 | 9°22 | 8°27 | 22°53 | 16°27 |
| W 8 | 11 39 18 | 26°44'24 | 16°48 | 5°57 | 11°29 | 7° 1 | 26°27 | 27°35 | 6°48 | 3°22 | 2°41 | 9°17 | 8°24 | 23° 0 | 16°30 |
| T 9 | 11 43 14 | 27°43'49 | 28°43 | 5°D55 | 12°19 | 7°23 | 26°32 | 27°30 | 6°48 | 3°22 | 2°39 | 9° 9 | 8°20 | 23° 7 | 16°34 |
| F 10 | 11 47 11 | 28°43'12 | 10 ^h 34 | 5°59 | 13°11 | 7°45 | 26°37 | 27°26 | 6°48 | 3°21 | 2°38 | 8°57 | 8°17 | 23°13 | 16°38 |
| S 11 | 11 51 7 | 29°42'33 | 22°26 | 6° 9 | 14° 3 | 8° 6 | 26°42 | 27°21 | 6°47 | 3°21 | 2°36 | 8°44 | 8°14 | 23°20 | 16°41 |
| S 12 | 11 55 4 | 0 ^h 41'52 | 4 ^h 18 | 6°24 | 14°56 | 8°27 | 26°48 | 27°16 | 6°47 | 3°20 | 2°34 | 8°30 | 8°11 | 23°27 | 16°45 |
| M13 | 11 59 0 | 1°41'08 | 16°12 | 6°44 | 15°49 | 8°47 | 26°53 | 27°12 | 6°46 | 3°20 | 2°33 | 8°15 | 8° 8 | 23°34 | 16°49 |
| T 14 | 12 2 57 | 2°40'23 | 28°10 | 7° 9 | 16°43 | 9° 7 | 26°59 | 27° 7 | 6°46 | 3°19 | 2°31 | 8° 2 | 8° 5 | 23°40 | 16°52 |
| W15 | 12 6 53 | 3°39'36 | 10 ^h 13 | 7°39 | 17°38 | 9°26 | 27° 5 | 27° 2 | 6°45 | 3°19 | 2°29 | 7°51 | 8° 1 | 23°47 | 16°56 |
| T 16 | 12 10 50 | 4°38'46 | 22°24 | 8°12 | 18°33 | 9°46 | 27°11 | 26°58 | 6°44 | 3°18 | 2°28 | 7°43 | 7°58 | 23°54 | 17° 0 |
| F 17 | 12 14 46 | 5°37'54 | 4 ^h 45 | 8°50 | 19°28 | 10° 4 | 27°18 | 26°53 | 6°44 | 3°17 | 2°26 | 7°37 | 7°55 | 24° 0 | 17° 3 |
| S 18 | 12 18 43 | 6°37'00 | 17°18 | 9°32 | 20°24 | 10°23 | 27°24 | 26°48 | 6°43 | 3°17 | 2°24 | 7°35 | 7°52 | 24° 7 | 17° 7 |
| S 19 | 12 22 40 | 7°36'04 | 0 ^h 9 | 10°17 | 21°21 | 10°41 | 27°30 | 26°44 | 6°42 | 3°16 | 2°23 | 7°34 | 7°49 | 24°14 | 17°10 |
| M20 | 12 26 36 | 8°35'05 | 13°21 | 11° 6 | 22°18 | 10°58 | 27°37 | 26°39 | 6°41 | 3°15 | 2°21 | 7°34 | 7°46 | 24°21 | 17°14 |
| T 21 | 12 30 33 | 9°34'04 | 26°58 | 11°58 | 23°15 | 11°15 | 27°44 | 26°35 | 6°40 | 3°14 | 2°19 | 7°33 | 7°42 | 24°27 | 17°18 |
| W22 | 12 34 29 | 10°33'01 | 11 ^h 1 | 12°53 | 24°13 | 11°32 | 27°51 | 26°30 | 6°39 | 3°14 | 2°18 | 7°31 | 7°39 | 24°34 | 17°21 |
| T 23 | 12 38 26 | 11°31'55 | 25°31 | 13°51 | 25°12 | 11°48 | 27°58 | 26°26 | 6°38 | 3°13 | 2°16 | 7°26 | 7°36 | 24°41 | 17°25 |
| F 24 | 12 42 22 | 12°30'47 | 10 ^h 24 | 14°52 | 26°10 | 12° 4 | 28° 5 | 26°21 | 6°37 | 3°12 | 2°14 | 7°19 | 7°33 | 24°47 | 17°28 |
| S 25 | 12 46 19 | 13°29'36 | 25°34 | 15°56 | 27° 9 | 12°19 | 28°13 | 26°17 | 6°36 | 3°11 | 2°13 | 7° 9 | 7°30 | 24°54 | 17°31 |
| S 26 | 12 50 15 | 14°28'24 | 10 ^h 52 | 17° 2 | 28° 9 | 12°34 | 28°20 | 26°13 | 6°35 | 3°10 | 2°11 | 6°58 | 7°26 | 25° 1 | 17°35 |
| M27 | 12 54 12 | 15°27'09 | 26° 5 | 18°10 | 29° 9 | 12°48 | 28°28 | 26° 8 | 6°34 | 3° 9 | 2° 9 | 6°47 | 7°23 | 25° 8 | 17°38 |
| T 28 | 12 58 9 | 16°25'53 | 11 ^h 3 | 19°21 | 0 ^h 9 | 13° 2 | 28°36 | 26° 4 | 6°32 | 3° 8 | 2° 8 | 6°38 | 7°20 | 25°14 | 17°42 |
| W29 | 13 2 5 | 17°24'34 | 25°38 | 20°34 | 1° 9 | 13°15 | 28°44 | 26° 0 | 6°31 | 3° 7 | 2° 6 | 6°30 | 7°17 | 25°21 | 17°45 |
| T 30 | 13 6 2 | 18°23'14 | 9 ^h 44 | 21°50 | 2°10 | 13°28 | 28°52 | 25°56 | 6°30 | 3° 6 | 2° 5 | 6°26 | 7°14 | 25°28 | 17°48 |
| F 31 | 13 9 58 | 19°21'53 | 23 ^h 20 | 23 ^h 7 | 3 ^h 12 | 13 ^h 40 | 29 ^h 0 | 25 ^h 52 | 6 ^h 28 | 3 ^h 5 | 2 ^h 3 | 6 ^h 23 | 7 ^h 11 | 25 ^h 34 | 17 ^h 52 |

Delta T = 215.60 sec. Julian Calendar 1 March 1480 == Greg. Calendar 10 March 1480

APRIL 1480 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|--------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| S 1 | 13 13 55 | 20 ^h 20'29 | 6 ^h 28 | 24 ^h 27 | 4 ^h 13 | 13 ^h 51 | 29 ^h 8 | 25°R48 | 6°R27 | 3°R 4 | 2°R 1 | 6°D23 | 7 ^h 7 | 25 ^h 41 | 17 ^h 55 |
| M 2 | 13 17 51 | 21°19'04 | 19°11 | 25°49 | 5°15 | 14° 2 | 29°17 | 25 ^m 44 | 6 ^h 25 | 3 ^h 3 | 2 ^h 0 | 6°R23 | 7° 4 | 25°48 | 17°58 |
| S 3 | 13 21 48 | 22°17'38 | 1 ^h 35 | 27°12 | 6°17 | 14°13 | 29°25 | 25°40 | 6°24 | 3° 2 | 1°58 | 6 ^h 23 | 7° 1 | 25°55 | 18° 2 |
| T 4 | 13 25 44 | 23°16'09 | 13°42 | 28°38 | 7°19 | 14°22 | 29°34 | 25°36 | 6°22 | 3° 1 | 1°57 | 6°21 | 6°58 | 26° 1 | 18° 5 |
| W 5 | 13 29 41 | 24°14'39 | 25°40 | 0 ^h 5 | 8°22 | 14°32 | 29°43 | 25°32 | 6°21 | 3° 0 | 1°55 | 6°17 | 6°55 | 26° 8 | 18° 8 |
| T 6 | 13 33 38 | 25°13'07 | 7 ^h 33 | 1°34 | 9°25 | 14°40 | 29°52 | 25°28 | 6°19 | 2°58 | 1°54 | 6°10 | 6°52 | 26°15 | 18°11 |
| F 7 | 13 37 34 | 26°11'34 | 19°23 | 3° 5 | 10°28 | 14°48 | 0 ^h 1 | 25°24 | 6°18 | 2°57 | 1°52 | 6° 1 | 6°48 | 26°22 | 18°14 |
| S 8 | 13 41 31 | 27° 9'58 | 1 ^h 14 | 4°38 | 11°31 | 14°56 | 0°10 | 25°21 | 6°16 | 2°56 | 1°51 | 5°49 | 6°45 | 26°28 | 18°17 |
| S 9 | 13 45 27 | 28° 8'21 | 13° 9 | 6°13 | 12°35 | 15° 2 | 0°19 | 25°17 | 6°14 | 2°55 | 1°49 | 5°37 | 6°42 | 26°35 | 18°20 |
| M10 | 13 49 24 | 29° 6'43 | 25° 9 | 7°49 | 13°39 | 15° 8 | 0°29 | 25°14 | 6°12 | 2°54 | 1°48 | 5°24 | 6°39 | 26°42 | 18°24 |
| T 11 | 13 53 20 | 0 ^h 5'02 | 7 ^h 15 | 9°28 | 14°43 | 15°13 | 0°38 | 25°10 | 6°11 | 2°52 | 1°46 | 5°12 | 6°36 | 26°48 | 18°27 |
| W12 | 13 57 17 | 1° 3'20 | 19°29 | 11° 8 | 15°47 | 15°18 | 0°48 | 25° 7 | 6° 9 | 2°51 | 1°45 | 5° 3 | 6°32 | 26°55 | 18°30 |
| T 13 | 14 1 13 | 2° 1'35 | 1 ^h 51 | 12°50 | 16°52 | 15°22 | 0°57 | 25° 4 | 6° 7 | 2°50 | 1°44 | 4°56 | 6°29 | 27° 2 | 18°32 |
| F 14 | 14 5 10 | 2°59'49 | 14°23 | 14°33 | 17°56 | 15°25 | 1° 7 | 25° 0 | 6° 5 | 2°48 | 1°42 | 4°51 | 6°26 | 27° 9 | 18°35 |
| S 15 | 14 9 7 | 3°58'01 | 27° 7 | 16°19 | 19° 1 | 15°28 | 1°17 | 24°57 | 6° 3 | 2°47 | 1°41 | 4°49 | 6°23 | 27°15 | 18°38 |
| S 16 | 14 13 3 | 4°56'11 | 10 ^h 5 | 18° 6 | 20° 6 | 15°30 | 1°27 | 24°54 | 6° 1 | 2°46 | 1°40 | 4°D49 | 6°20 | 27°22 | 18°41 |
| M17 | 14 17 0 | 5°54'19 | 23°20 | 19°55 | 21°12 | 15°31 | 1°37 | 24°51 | 5°59 | 2°44 | 1°38 | 4°50 | 6°17 | 27°29 | 18°44 |
| T 18 | 14 20 56 | 6°52'25 | 6 ^h 54 | 21°46 | 22°17 | 15°R31 | 1°47 | 24°48 | 5°57 | 2°43 | 1°37 | 4°R50 | 6°13 | 27°35 | 18°47 |
| W19 | 14 24 53 | 7°50'29 | 20°49 | 23°39 | 23°22 | 15°31 | 1°58 | 24°46 | 5°55 | 2°41 | 1°36 | 4°49 | 6°10 | 27°42 | 18°49 |
| T 20 | 14 28 49 | 8°48'31 | 5 ^h 5 | 25°33 | 24°28 | 15°29 | 2° 8 | 24°43 | 5°53 | 2°40 | 1°34 | 4°47 | 6° 7 | 27°49 | 18°52 |
| F 21 | 14 32 46 | 9°46'31 | 19°41 | 27°30 | 25°34 | 15°28 | 2°19 | 24°40 | 5°51 | 2°38 | 1°33 | 4°42 | 6° 4 | 27°56 | 18°55 |
| S 22 | 14 36 42 | 10°44'29 | 4 ^h 31 | 29°28 | 26°40 | 15°25 | 2°29 | 24°38 | 5°49 | 2°37 | 1°32 | 4°35 | 6° 1 | 28° 2 | 18°57 |
| S 23 | 14 40 39 | 11°42'26 | 19°29 | 1 ^h 28 | 27°46 | 15°22 | 2°40 | 24°35 | 5°46 | 2°35 | 1°31 | 4°27 | 5°57 | 28° 9 | 19° 0 |
| M24 | 14 44 36 | 12°40'20 | 4 ^h 27 | 3°29 | 28°53 | 15°18 | 2°51 | 24°33 | 5°44 | 2°34 | 1°30 | 4°19 | 5°54 | 28°16 | 19° 2 |
| T 25 | 14 48 32 | 13°38'13 | 19°14 | 5°33 | 29°59 | 15°13 | 3° 1 | 24°31 | 5°42 | 2°32 | 1°29 | 4°12 | 5°51 | 28°23 | 19° 5 |
| W26 | 14 52 29 | 14°36'05 | 3 ^h 43 | 7°37 | 1 ^h 6 | 15° 7 | 3°12 | 24°29 | 5°40 | 2°31 | 1°27 | 4° 7 | 5°48 | 28°29 | 19° 7 |
| T 27 | 14 56 25 | 15°33'55 | 17°48 | 9°43 | 2°12 | 15° 1 | 3°23 | 24°26 | 5°37 | 2°29 | 1°26 | 4° 4 | 5°45 | 28°36 | 19°10 |
| F 28 | 15 0 22 | 16°31'44 | 1 ^h 27 | 11°51 | 3°19 | 14°54 | 3°34 | 24°24 | 5°35 | 2°28 | 1°25 | 4°D 3 | 5°42 | 28°43 | 19°12 |
| S 29 | 15 4 18 | 17°29'32 | 14°40 | 14° 0 | 4°26 | 14°46 | 3°45 | 24°23 | 5°33 | 2°26 | 1°24 | 4° 3 | 5°38 | 28°49 | 19°15 |
| S 30 | 15 8 15 | 18°27'18 | 27 ^h 28 | 16 ^h 9 | 5 ^h 34 | 14 ^h 37 | 3 ^h 57 | 24 ^h 21 | 5 ^h 31 | 2 ^h 25 | 1 ^h 23 | 4 ^h 4 | 5 ^h 35 | 28 ^h 56 | 19 ^h 17 |

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SWISS EPHEMERIS for the year 1480

MAY 1480 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|----------|----------|-------|-------|-------|--------|-------|--------|-------|-------|-------|-------|------|-------|-------|
| M 1 | 15 12 11 | 19♌25'04 | 9♋55 | 18♌20 | 6♈41 | 14°R28 | 4♋8 | 24°R19 | 5°R28 | 2°R23 | 1°R22 | 4♋6 | 5♋32 | 29♌3 | 19♌19 |
| T 2 | 15 16 8 | 20°22'48 | 22° 6 | 20°31 | 7°48 | 14♌18 | 4°19 | 24♌17 | 5♌26 | 2♌22 | 1♌21 | 4°R 6 | 5°29 | 29°10 | 19°21 |
| W 3 | 15 20 5 | 21°20'31 | 4♌6 | 22°42 | 8°56 | 14° 7 | 4°31 | 24°16 | 5°23 | 2°20 | 1°20 | 4° 5 | 5°26 | 29°16 | 19°24 |
| T 4 | 15 24 1 | 22°18'13 | 15°59 | 24°54 | 10° 4 | 13°55 | 4°42 | 24°14 | 5°21 | 2°19 | 1°19 | 4° 2 | 5°23 | 29°23 | 19°26 |
| F 5 | 15 27 58 | 23°15'53 | 27°51 | 27° 5 | 11°11 | 13°43 | 4°54 | 24°13 | 5°19 | 2°17 | 1°19 | 3°58 | 5°19 | 29°30 | 19°28 |
| S 6 | 15 31 54 | 24°13'33 | 9♈44 | 29°16 | 12°19 | 13°30 | 5° 6 | 24°12 | 5°16 | 2°15 | 1°18 | 3°52 | 5°16 | 29°36 | 19°30 |
| S 7 | 15 35 51 | 25°11'12 | 21°43 | 1♌26 | 13°27 | 13°17 | 5°17 | 24°11 | 5°14 | 2°14 | 1°17 | 3°45 | 5°13 | 29°43 | 19°32 |
| M 8 | 15 39 47 | 26° 8'49 | 3♌50 | 3°35 | 14°35 | 13° 3 | 5°29 | 24°10 | 5°11 | 2°12 | 1°16 | 3°38 | 5°10 | 29°50 | 19°34 |
| T 9 | 15 43 44 | 27° 6'25 | 16° 6 | 5°43 | 15°43 | 12°48 | 5°41 | 24° 9 | 5° 9 | 2°10 | 1°15 | 3°32 | 5° 7 | 29°57 | 19°36 |
| W10 | 15 47 40 | 28° 4'01 | 28°33 | 7°49 | 16°52 | 12°32 | 5°53 | 24° 8 | 5° 7 | 2° 9 | 1°15 | 3°27 | 5° 3 | 0♈3 | 19°37 |
| T 11 | 15 51 37 | 29° 1'35 | 11♌11 | 9°53 | 18° 0 | 12°16 | 6° 5 | 24° 7 | 5° 4 | 2° 7 | 1°14 | 3°23 | 5° 0 | 0°10 | 19°39 |
| F 12 | 15 55 34 | 29°59'08 | 24° 1 | 11°55 | 19° 9 | 12° 0 | 6°17 | 24° 7 | 5° 2 | 2° 6 | 1°13 | 3°21 | 4°57 | 0°17 | 19°41 |
| S 13 | 15 59 30 | 0♌56'40 | 7♋4 | 13°56 | 20°17 | 11°43 | 6°29 | 24° 6 | 4°59 | 2° 4 | 1°13 | 3°D21 | 4°54 | 0°24 | 19°43 |
| S 14 | 16 3 27 | 1°54'11 | 20°19 | 15°54 | 21°26 | 11°25 | 6°41 | 24° 6 | 4°57 | 2° 2 | 1°12 | 3°22 | 4°51 | 0°30 | 19°44 |
| M15 | 16 7 23 | 2°51'40 | 3♌48 | 17°50 | 22°34 | 11° 8 | 6°53 | 24° 5 | 4°54 | 2° 1 | 1°11 | 3°23 | 4°48 | 0°37 | 19°46 |
| T 16 | 16 11 20 | 3°49'08 | 17°31 | 19°43 | 23°43 | 10°49 | 7° 6 | 24° 5 | 4°52 | 1°59 | 1°11 | 3°25 | 4°44 | 0°44 | 19°47 |
| W17 | 16 15 16 | 4°46'35 | 1♌27 | 21°34 | 24°52 | 10°31 | 7°18 | 24° 5 | 4°49 | 1°58 | 1°10 | 3°R26 | 4°41 | 0°50 | 19°49 |
| T 18 | 16 19 13 | 5°44'00 | 15°36 | 23°22 | 26° 1 | 10°12 | 7°30 | 24°D 5 | 4°47 | 1°56 | 1°10 | 3°25 | 4°38 | 0°57 | 19°50 |
| F 19 | 16 23 9 | 6°41'24 | 29°57 | 25° 8 | 27°10 | 9°53 | 7°43 | 24° 5 | 4°44 | 1°54 | 1° 9 | 3°24 | 4°35 | 1° 4 | 19°52 |
| S 20 | 16 27 6 | 7°38'47 | 14♌26 | 26°51 | 28°19 | 9°33 | 7°55 | 24° 5 | 4°42 | 1°53 | 1° 9 | 3°21 | 4°32 | 1°11 | 19°53 |
| S 21 | 16 31 3 | 8°36'09 | 28°59 | 28°31 | 29°28 | 9°14 | 8° 8 | 24° 5 | 4°39 | 1°51 | 1° 8 | 3°18 | 4°29 | 1°17 | 19°54 |
| M22 | 16 34 59 | 9°33'29 | 13♌30 | 0♋9 | 0♌38 | 8°54 | 8°20 | 24° 6 | 4°37 | 1°49 | 1° 8 | 3°15 | 4°25 | 1°24 | 19°56 |
| T 23 | 16 38 56 | 10°30'49 | 27°54 | 1°43 | 1°47 | 8°34 | 8°33 | 24° 6 | 4°34 | 1°48 | 1° 8 | 3°12 | 4°22 | 1°31 | 19°57 |
| W24 | 16 42 52 | 11°28'08 | 12♌4 | 3°16 | 2°56 | 8°15 | 8°45 | 24° 7 | 4°32 | 1°46 | 1° 7 | 3°10 | 4°19 | 1°38 | 19°58 |
| T 25 | 16 46 49 | 12°25'27 | 25°55 | 4°45 | 4° 6 | 7°55 | 8°58 | 24° 8 | 4°30 | 1°45 | 1° 7 | 3° 9 | 4°16 | 1°44 | 19°59 |
| F 26 | 16 50 45 | 13°22'44 | 9♌26 | 6°11 | 5°15 | 7°35 | 9°11 | 24° 8 | 4°27 | 1°43 | 1° 7 | 3°D 9 | 4°13 | 1°51 | 20° 0 |
| S 27 | 16 54 42 | 14°20'01 | 22°35 | 7°35 | 6°25 | 7°15 | 9°23 | 24° 9 | 4°25 | 1°41 | 1° 7 | 3°10 | 4° 9 | 1°58 | 20° 1 |
| S 28 | 16 58 38 | 15°17'18 | 5♌24 | 8°56 | 7°35 | 6°56 | 9°36 | 24°10 | 4°22 | 1°40 | 1° 7 | 3°11 | 4° 6 | 2° 4 | 20° 2 |
| M29 | 17 2 35 | 16°14'34 | 17°53 | 10°14 | 8°45 | 6°36 | 9°49 | 24°11 | 4°20 | 1°38 | 1° 6 | 3°12 | 4° 3 | 2°11 | 20° 3 |
| T 30 | 17 6 32 | 17°11'50 | 0♌6 | 11°29 | 9°54 | 6°17 | 10° 2 | 24°13 | 4°17 | 1°37 | 1° 6 | 3°13 | 4° 0 | 2°18 | 20° 4 |
| W31 | 17 10 28 | 18♌9'05 | 12♌9 | 12♌41 | 11♌4 | 5♌58 | 10♌15 | 24♌14 | 4♌15 | 1♌35 | 1♌6 | 3♌14 | 3♌57 | 2♌25 | 20♌5 |

Delta T = 215.41 sec. Julian Calendar 1 May 1480 == Greg. Calendar 10 May 1480

JUNE 1480 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|----------|----------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--------|
| T 1 | 17 14 25 | 19♌6'20 | 24♌4 | 13♌50 | 12♌14 | 5°R40 | 10♌28 | 24♌15 | 4°R13 | 1°R34 | 1°R 6 | 3°R14 | 3♌54 | 2♌31 | 20♌5 |
| F 2 | 17 18 21 | 20° 3'35 | 5♈57 | 14°55 | 13°24 | 5♌22 | 10°41 | 24°17 | 4♌10 | 1♌32 | 1°D 6 | 3♌13 | 3°50 | 2°38 | 20° 6 |
| S 3 | 17 22 18 | 21° 0'50 | 17°53 | 15°58 | 14°34 | 5° 4 | 10°54 | 24°18 | 4° 8 | 1°31 | 1♌6 | 3°12 | 3°47 | 2°45 | 20° 7 |
| S 4 | 17 26 14 | 21°58'04 | 29°54 | 16°57 | 15°45 | 4°46 | 11° 7 | 24°20 | 4° 6 | 1°29 | 1° 6 | 3°11 | 3°44 | 2°51 | 20° 7 |
| M 5 | 17 30 11 | 22°55'18 | 12♌6 | 17°53 | 16°55 | 4°29 | 11°20 | 24°22 | 4° 3 | 1°28 | 1° 6 | 3° 9 | 3°41 | 2°58 | 20° 8 |
| T 6 | 17 34 7 | 23°52'32 | 24°31 | 18°45 | 18° 5 | 4°13 | 11°33 | 24°24 | 4° 1 | 1°26 | 1° 6 | 3° 8 | 3°38 | 3° 5 | 20° 8 |
| W 7 | 17 38 4 | 24°49'46 | 7♌10 | 19°34 | 19°16 | 3°57 | 11°46 | 24°26 | 3°59 | 1°25 | 1° 7 | 3° 7 | 3°35 | 3°12 | 20° 9 |
| T 8 | 17 42 1 | 25°47'00 | 20° 5 | 20°47 | 20°26 | 3°42 | 11°59 | 24°28 | 3°57 | 1°23 | 1° 7 | 3° 7 | 3°31 | 3°18 | 20° 9 |
| F 9 | 17 45 57 | 26°44'14 | 3♌16 | 21° 1 | 21°36 | 3°27 | 12°12 | 24°30 | 3°54 | 1°22 | 1° 7 | 3°D 6 | 3°28 | 3°25 | 20° 9 |
| S 10 | 17 49 54 | 27°41'27 | 16°42 | 21°38 | 22°47 | 3°13 | 12°26 | 24°32 | 3°52 | 1°20 | 1° 7 | 3° 7 | 3°25 | 3°32 | 20° 9 |
| S 11 | 17 53 50 | 28°38'40 | 0♌23 | 22°12 | 23°58 | 3° 0 | 12°39 | 24°34 | 3°50 | 1°19 | 1° 8 | 3° 7 | 3°22 | 3°39 | 20°10 |
| M12 | 17 57 47 | 29°35'52 | 14°15 | 22°41 | 25° 8 | 2°47 | 12°52 | 24°37 | 3°48 | 1°18 | 1° 8 | 3° 7 | 3°19 | 3°45 | 20°10 |
| T 13 | 18 1 43 | 0♋33'05 | 28°16 | 23° 6 | 26°19 | 2°35 | 13° 5 | 24°39 | 3°46 | 1°16 | 1° 8 | 3° 8 | 3°15 | 3°52 | 20°10 |
| W14 | 18 5 40 | 1°30'16 | 12♌25 | 23°27 | 27°30 | 2°24 | 13°19 | 24°42 | 3°44 | 1°15 | 1° 9 | 3° 8 | 3°12 | 3°59 | 20°R10 |
| T 15 | 18 9 36 | 2°27'27 | 26°38 | 23°43 | 28°40 | 2°13 | 13°32 | 24°45 | 3°41 | 1°14 | 1° 9 | 3° 8 | 3° 9 | 4° 5 | 20°10 |
| F 16 | 18 13 33 | 3°24'38 | 10♌53 | 23°55 | 29°51 | 2° 4 | 13°45 | 24°48 | 3°39 | 1°12 | 1°10 | 3° 8 | 3° 6 | 4°12 | 20°10 |
| S 17 | 18 17 30 | 4°21'49 | 25° 7 | 24° 2 | 1♌2 | 1°55 | 13°58 | 24°51 | 3°37 | 1°11 | 1°10 | 3° 8 | 3° 3 | 4°19 | 20°10 |
| S 18 | 18 21 26 | 5°18'59 | 9♌17 | 24°R 4 | 2°13 | 1°47 | 14°12 | 24°54 | 3°35 | 1°10 | 1°11 | 3° 8 | 3° 0 | 4°26 | 20° 9 |
| M19 | 18 25 23 | 6°16'09 | 23°22 | 24° 2 | 3°24 | 1°40 | 14°25 | 24°57 | 3°33 | 1° 8 | 1°11 | 3° 8 | 2°56 | 4°32 | 20° 9 |
| T 20 | 18 29 19 | 7°13'19 | 7♌17 | 23°55 | 4°35 | 1°33 | 14°38 | 25° 0 | 3°32 | 1° 7 | 1°12 | 3° 9 | 2°53 | 4°39 | 20° 9 |
| W21 | 18 33 16 | 8°10'30 | 21° 0 | 23°43 | 5°46 | 1°28 | 14°52 | 25° 3 | 3°30 | 1° 6 | 1°12 | 3° 9 | 2°50 | 4°46 | 20° 8 |
| T 22 | 18 37 12 | 9° 7'40 | 4♌30 | 23°27 | 6°57 | 1°23 | 15° 5 | 25° 6 | 3°28 | 1° 5 | 1°13 | 3°R 9 | 2°47 | 4°53 | 20° 8 |
| F 23 | 18 41 9 | 10° 4'50 | 17°44 | 23° 7 | 8° 8 | 1°19 | 15°19 | 25°10 | 3°26 | 1° 4 | 1°14 | 3° 9 | 2°44 | 4°59 | 20° 8 |
| S 24 | 18 45 6 | 11° 2'00 | 0♌42 | 22°42 | 9°20 | 1°16 | 15°32 | 25°13 | 3°24 | 1° 2 | 1°14 | 3° 8 | 2°41 | 5° 6 | 20° 7 |
| S 25 | 18 49 2 | 11°59'11 | 13°23 | 22°14 | 10°31 | 1°14 | 15°45 | 25°17 | 3°22 | 1° 1 | 1°15 | 3° 7 | 2°37 | 5°13 | 20° 6 |
| M26 | 18 52 59 | 12°56'22 | 25°49 | 21°43 | 11°42 | 1°12 | 15°59 | 25°21 | 3°21 | 1° 0 | 1°16 | 3° 6 | 2°34 | 5°19 | 20° 6 |
| T 27 | 18 56 55 | 13°53'34 | 8♌8 | 21° 8 | 12°54 | 1°D12 | 16°12 | 25°25 | 3°19 | 0°59 | 1°17 | 3° 5 | 2°31 | 5°26 | 20° 5 |
| W28 | 19 0 52 | 14°50'46 | 20° 4 | 20°31 | 14° 5 | 1°12 | 16°26 | 25°28 | 3°17 | 0°58 | 1°18 | 3° 3 | 2°28 | 5°33 | 20° 4 |
| T 29 | 19 4 48 | 15°47'59 | 2♌0 | 19°52 | 15°17 | 1°13 | 16°39 | 25°32 | 3°16 | 0°57 | 1°18 | 3° 2 | 2°25 | 5°40 | 20° 4 |
| F 30 | 19 8 45 | 16♌45'12 | 13♌53 | 19♌12 | 16♌28 | 1♌15 | 16♌52 | 25♌36 | 3♌14 | 0♌56 | 1♌19 | 3°D 2 | 2♌21 | 5♌46 | 20♌3 |

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SWISS EPHEMERIS for the year 1480

JULY 1480 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-------------------------|----------------------|---------------------|----------------------|--------------------|---------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| S 1 | 19 12 41 | 17 ^h 42'26" | 25 ^h 49' | 18 ^h R32 | 17 ^h II40 | 1 ^h ♂18 | 17 ^h ♁6 | 25 ^h III40 | 3 ^h R13 | 0 ^h R55 | 1 ^h ♁20 | 3 ^h ♁2 | 2 ^h ♁18 | 5 ^h ♁53 | 20 ^h R2 |
| S 2 | 19 16 38 | 18 ^h 39'41" | 7 ^h ♁51 | 17 ^h ♁52 | 18 ^h 52 | 1 ^h 22 | 17 ^h 19 | 25 ^h 45 | 3 ^h ♁11 | 0 ^h ♁54 | 1 ^h 21 | 3 ^h 3 | 2 ^h 15 | 6 ^h 0 | 20 ^h ♁1 |
| M 3 | 19 20 35 | 19 ^h 36'57" | 20 ^h 4 | 17 ^h 12 | 20 ^h 3 | 1 ^h 26 | 17 ^h 33 | 25 ^h 49 | 3 ^h 10 | 0 ^h 53 | 1 ^h 22 | 3 ^h 4 | 2 ^h 12 | 6 ^h 6 | 20 ^h 0 |
| T 4 | 19 24 31 | 20 ^h 34'13" | 2 ^h II33 | 16 ^h 34 | 21 ^h 15 | 1 ^h 31 | 17 ^h 46 | 25 ^h 53 | 3 ^h 8 | 0 ^h 52 | 1 ^h 23 | 3 ^h 5 | 2 ^h 9 | 6 ^h 13 | 19 ^h 59 |
| W 5 | 19 28 28 | 21 ^h 31'30" | 15 ^h 20 | 15 ^h 59 | 22 ^h 27 | 1 ^h 37 | 17 ^h 59 | 25 ^h 58 | 3 ^h 7 | 0 ^h 51 | 1 ^h 24 | 3 ^h 7 | 2 ^h 6 | 6 ^h 20 | 19 ^h 58 |
| T 6 | 19 32 24 | 22 ^h 28'48" | 28 ^h 27 | 15 ^h 26 | 23 ^h 39 | 1 ^h 44 | 18 ^h 13 | 26 ^h 2 | 3 ^h 6 | 0 ^h 50 | 1 ^h 25 | 3 ^h R7 | 2 ^h 2 | 6 ^h 27 | 19 ^h 57 |
| F 7 | 19 36 21 | 23 ^h 26'07" | 11 ^h ♁56 | 14 ^h 57 | 24 ^h 51 | 1 ^h 52 | 18 ^h 26 | 26 ^h 7 | 3 ^h 4 | 0 ^h 50 | 1 ^h 27 | 3 ^h 7 | 1 ^h 59 | 6 ^h 33 | 19 ^h 55 |
| S 8 | 19 40 17 | 24 ^h 23'27" | 25 ^h 45 | 14 ^h 32 | 26 ^h 3 | 2 ^h 0 | 18 ^h 40 | 26 ^h 11 | 3 ^h 3 | 0 ^h 49 | 1 ^h 28 | 3 ^h 6 | 1 ^h 56 | 6 ^h 40 | 19 ^h 54 |
| S 9 | 19 44 14 | 25 ^h 20'47" | 9 ^h ♁52 | 14 ^h 12 | 27 ^h 15 | 2 ^h 9 | 18 ^h 53 | 26 ^h 16 | 3 ^h 2 | 0 ^h 48 | 1 ^h 29 | 3 ^h 4 | 1 ^h 53 | 6 ^h 47 | 19 ^h 53 |
| M10 | 19 48 10 | 26 ^h 18'08" | 24 ^h 12 | 13 ^h 56 | 28 ^h 27 | 2 ^h 19 | 19 ^h 6 | 26 ^h 21 | 3 ^h 1 | 0 ^h 47 | 1 ^h 30 | 3 ^h 1 | 1 ^h 50 | 6 ^h 54 | 19 ^h 51 |
| T 11 | 19 52 7 | 27 ^h 15'29" | 8 ^h III39 | 13 ^h 46 | 29 ^h 39 | 2 ^h 30 | 19 ^h 20 | 26 ^h 26 | 3 ^h 0 | 0 ^h 46 | 1 ^h 31 | 2 ^h 58 | 1 ^h 47 | 7 ^h 0 | 19 ^h 50 |
| W12 | 19 56 4 | 28 ^h 12'51" | 23 ^h 9 | 13 ^h D42 | 0 ^h ♁51 | 2 ^h 41 | 19 ^h 33 | 26 ^h 31 | 2 ^h 58 | 0 ^h 46 | 1 ^h 33 | 2 ^h 55 | 1 ^h 43 | 7 ^h 7 | 19 ^h 49 |
| T 13 | 20 0 0 | 29 ^h 10'13" | 7 ^h ♁36 | 13 ^h 44 | 2 ^h 4 | 2 ^h 53 | 19 ^h 46 | 26 ^h 36 | 2 ^h 57 | 0 ^h 45 | 1 ^h 34 | 2 ^h 52 | 1 ^h 40 | 7 ^h 14 | 19 ^h 47 |
| F 14 | 20 3 57 | 0 ^h ♁7'36" | 21 ^h 55 | 13 ^h 52 | 3 ^h 16 | 3 ^h 6 | 19 ^h 59 | 26 ^h 41 | 2 ^h 56 | 0 ^h 44 | 1 ^h 35 | 2 ^h 51 | 1 ^h 37 | 7 ^h 20 | 19 ^h 46 |
| S 15 | 20 7 53 | 1 ^h 4'59" | 6 ^h III4 | 14 ^h 6 | 4 ^h 28 | 3 ^h 19 | 20 ^h 13 | 26 ^h 46 | 2 ^h 56 | 0 ^h 44 | 1 ^h 37 | 2 ^h D51 | 1 ^h 34 | 7 ^h 27 | 19 ^h 44 |
| S 16 | 20 11 50 | 2 ^h 2'23" | 20 ^h 1 | 14 ^h 26 | 5 ^h 40 | 3 ^h 34 | 20 ^h 26 | 26 ^h 51 | 2 ^h 55 | 0 ^h 43 | 1 ^h 38 | 2 ^h 52 | 1 ^h 31 | 7 ^h 34 | 19 ^h 42 |
| M17 | 20 15 46 | 2 ^h 59'48" | 3 ^h ♁45 | 14 ^h 53 | 6 ^h 53 | 3 ^h 49 | 20 ^h 39 | 26 ^h 56 | 2 ^h 54 | 0 ^h 43 | 1 ^h 39 | 2 ^h 53 | 1 ^h 27 | 7 ^h 41 | 19 ^h 41 |
| T 18 | 20 19 43 | 3 ^h 57'14" | 17 ^h 16 | 15 ^h 27 | 8 ^h 5 | 4 ^h 4 | 20 ^h 52 | 27 ^h 2 | 2 ^h 53 | 0 ^h 42 | 1 ^h 41 | 2 ^h 55 | 1 ^h 24 | 7 ^h 47 | 19 ^h 39 |
| W19 | 20 23 39 | 4 ^h 54'40" | 0 ^h ♁35 | 16 ^h 6 | 9 ^h 18 | 4 ^h 20 | 21 ^h 6 | 27 ^h 7 | 2 ^h 52 | 0 ^h 42 | 1 ^h 42 | 2 ^h R55 | 1 ^h 21 | 7 ^h 54 | 19 ^h 37 |
| T 20 | 20 27 36 | 5 ^h 52'07" | 13 ^h 40 | 16 ^h 53 | 10 ^h 30 | 4 ^h 37 | 21 ^h 19 | 27 ^h 12 | 2 ^h 52 | 0 ^h 41 | 1 ^h 44 | 2 ^h 55 | 1 ^h 18 | 8 ^h 1 | 19 ^h 35 |
| F 21 | 20 31 33 | 6 ^h 49'35" | 26 ^h 34 | 17 ^h 45 | 11 ^h 43 | 4 ^h 54 | 21 ^h 32 | 27 ^h 18 | 2 ^h 51 | 0 ^h 41 | 1 ^h 45 | 2 ^h 53 | 1 ^h 15 | 8 ^h 8 | 19 ^h 34 |
| S 22 | 20 35 29 | 7 ^h 47'04" | 9 ^h ♁15 | 18 ^h 43 | 12 ^h 56 | 5 ^h 13 | 21 ^h 45 | 27 ^h 23 | 2 ^h 50 | 0 ^h 40 | 1 ^h 47 | 2 ^h 49 | 1 ^h 12 | 8 ^h 14 | 19 ^h 32 |
| S 23 | 20 39 26 | 8 ^h 44'34" | 21 ^h 44 | 19 ^h 48 | 14 ^h 8 | 5 ^h 31 | 21 ^h 58 | 27 ^h 29 | 2 ^h 50 | 0 ^h 40 | 1 ^h 48 | 2 ^h 44 | 1 ^h 8 | 8 ^h 21 | 19 ^h 30 |
| M24 | 20 43 22 | 9 ^h 42'05" | 4 ^h ♁2 | 20 ^h 58 | 15 ^h 21 | 5 ^h 50 | 22 ^h 11 | 27 ^h 35 | 2 ^h 49 | 0 ^h 40 | 1 ^h 50 | 2 ^h 38 | 1 ^h 5 | 8 ^h 28 | 19 ^h 28 |
| T 25 | 20 47 19 | 10 ^h 39'38" | 16 ^h 10 | 22 ^h 14 | 16 ^h 34 | 6 ^h 10 | 22 ^h 24 | 27 ^h 41 | 2 ^h 49 | 0 ^h 39 | 1 ^h 52 | 2 ^h 31 | 1 ^h 2 | 8 ^h 34 | 19 ^h 26 |
| W26 | 20 51 15 | 11 ^h 37'12" | 28 ^h 10 | 23 ^h 35 | 17 ^h 47 | 6 ^h 31 | 22 ^h 37 | 27 ^h 46 | 2 ^h 48 | 0 ^h 39 | 1 ^h 53 | 2 ^h 24 | 0 ^h 59 | 8 ^h 41 | 19 ^h 24 |
| T 27 | 20 55 12 | 12 ^h 34'47" | 10 ^h ♁4 | 25 ^h 1 | 19 ^h 0 | 6 ^h 51 | 22 ^h 50 | 27 ^h 52 | 2 ^h 48 | 0 ^h 39 | 1 ^h 55 | 2 ^h 19 | 0 ^h 56 | 8 ^h 48 | 19 ^h 22 |
| F 28 | 20 59 8 | 13 ^h 32'23" | 21 ^h 56 | 26 ^h 32 | 20 ^h 12 | 7 ^h 13 | 23 ^h 3 | 27 ^h 58 | 2 ^h 48 | 0 ^h 39 | 1 ^h 57 | 2 ^h 15 | 0 ^h 53 | 8 ^h 55 | 19 ^h 20 |
| S 29 | 21 3 5 | 14 ^h 30'01" | 3 ^h ♁50 | 28 ^h 8 | 21 ^h 25 | 7 ^h 35 | 23 ^h 16 | 28 ^h 4 | 2 ^h 48 | 0 ^h 38 | 1 ^h 58 | 2 ^h 12 | 0 ^h 49 | 9 ^h 1 | 19 ^h 17 |
| M 30 | 21 7 2 | 15 ^h 27'41" | 15 ^h 50 | 29 ^h 48 | 22 ^h 39 | 7 ^h 57 | 23 ^h 29 | 28 ^h 10 | 2 ^h 47 | 0 ^h 38 | 2 ^h 0 | 2 ^h D12 | 0 ^h 46 | 9 ^h 8 | 19 ^h 15 |
| M31 | 21 10 58 | 16 ^h ♁25'22" | 28 ^h ♁1 | 1 ^h ♁31 | 23 ^h ♁52 | 8 ^h ♁20 | 23 ^h ♁42 | 28 ^h ♁16 | 2 ^h ♁47 | 0 ^h ♁38 | 2 ^h ♁2 | 2 ^h ♁12 | 0 ^h ♁43 | 9 ^h ♁15 | 19 ^h ♁13 |

Delta T = 215.23 sec. Julian Calendar 1 July 1480 == Greg. Calendar 10 July 1480

AUGUST 1480 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|--------------------------|----------------------|----------------------|--------------------|--------------------|---------------------|-----------------------|--------------------|--------------------|-------------------|--------------------|----------------------|--------------------|---------------------|
| T 1 | 21 14 55 | 17 ^h ♁23'05" | 10 ^h II29 | 3 ^h ♁18 | 25 ^h ♁5 | 8 ^h ♁44 | 23 ^h ♁55 | 28 ^h III22 | 2 ^h R47 | 0 ^h R38 | 2 ^h ♁3 | 2 ^h ♁14 | 0 ^h ♁40 | 9 ^h ♁21 | 19 ^h R11 |
| W 2 | 21 18 51 | 18 ^h 20'50" | 23 ^h 16 | 5 ^h 8 | 26 ^h 18 | 9 ^h 8 | 24 ^h 7 | 28 ^h 28 | 2 ^h D47 | 0 ^h ♁38 | 2 ^h 5 | 2 ^h 15 | 0 ^h 37 | 9 ^h 28 | 19 ^h ♁8 |
| T 3 | 21 22 48 | 19 ^h 18'36" | 6 ^h ♁28 | 7 ^h 1 | 27 ^h 31 | 9 ^h 32 | 24 ^h 20 | 28 ^h 35 | 2 ^h ♁47 | 0 ^h D38 | 2 ^h 7 | 2 ^h R15 | 0 ^h 33 | 9 ^h 35 | 19 ^h 6 |
| F 4 | 21 26 44 | 20 ^h 16'24" | 20 ^h 6 | 8 ^h 55 | 28 ^h 44 | 9 ^h 57 | 24 ^h 33 | 28 ^h 41 | 2 ^h 47 | 0 ^h 38 | 2 ^h 9 | 2 ^h 14 | 0 ^h 30 | 9 ^h 42 | 19 ^h 4 |
| S 5 | 21 30 41 | 21 ^h 14'14" | 4 ^h ♁10 | 10 ^h 51 | 29 ^h 58 | 10 ^h 23 | 24 ^h 45 | 28 ^h 47 | 2 ^h 47 | 0 ^h 38 | 2 ^h 11 | 2 ^h 10 | 0 ^h 27 | 9 ^h 48 | 19 ^h 1 |
| S 6 | 21 34 37 | 22 ^h 12'05" | 18 ^h 37 | 12 ^h 49 | 1 ^h ♁11 | 10 ^h 48 | 24 ^h 58 | 28 ^h 54 | 2 ^h 47 | 0 ^h 38 | 2 ^h 13 | 2 ^h 5 | 0 ^h 24 | 9 ^h 55 | 18 ^h 59 |
| M 7 | 21 38 34 | 23 ^h 9'57" | 3 ^h III22 | 14 ^h 47 | 2 ^h 24 | 11 ^h 15 | 25 ^h 11 | 29 ^h 0 | 2 ^h 48 | 0 ^h 38 | 2 ^h 15 | 1 ^h 57 | 0 ^h 21 | 10 ^h 2 | 18 ^h 56 |
| T 8 | 21 42 31 | 24 ^h 7'51" | 18 ^h 16 | 16 ^h 47 | 3 ^h 38 | 11 ^h 42 | 25 ^h 23 | 29 ^h 7 | 2 ^h 48 | 0 ^h 38 | 2 ^h 17 | 1 ^h 50 | 0 ^h 18 | 10 ^h 9 | 18 ^h 54 |
| W 9 | 21 46 27 | 25 ^h 5'46" | 3 ^h ♁11 | 18 ^h 46 | 4 ^h 51 | 12 ^h 9 | 25 ^h 36 | 29 ^h 13 | 2 ^h 48 | 0 ^h 39 | 2 ^h 18 | 1 ^h 42 | 0 ^h 14 | 10 ^h 15 | 18 ^h 51 |
| T 10 | 21 50 24 | 26 ^h 3'43" | 17 ^h 58 | 20 ^h 45 | 6 ^h 5 | 12 ^h 36 | 25 ^h 48 | 29 ^h 20 | 2 ^h 49 | 0 ^h 39 | 2 ^h 20 | 1 ^h 35 | 0 ^h 11 | 10 ^h 22 | 18 ^h 49 |
| F 11 | 21 54 20 | 27 ^h 1'41" | 2 ^h III31 | 22 ^h 45 | 7 ^h 19 | 13 ^h 4 | 26 ^h 0 | 29 ^h 26 | 2 ^h 49 | 0 ^h 39 | 2 ^h 22 | 1 ^h 31 | 0 ^h 8 | 10 ^h 29 | 18 ^h 46 |
| S 12 | 21 58 17 | 27 ^h 59'40" | 16 ^h 46 | 24 ^h 43 | 8 ^h 32 | 13 ^h 33 | 26 ^h 13 | 29 ^h 33 | 2 ^h 49 | 0 ^h 39 | 2 ^h 24 | 1 ^h 28 | 0 ^h 5 | 10 ^h 35 | 18 ^h 44 |
| S 13 | 22 2 13 | 28 ^h 57'40" | 0 ^h ♁40 | 26 ^h 42 | 9 ^h 46 | 14 ^h 2 | 26 ^h 25 | 29 ^h 39 | 2 ^h 50 | 0 ^h 40 | 2 ^h 26 | 1 ^h D28 | 0 ^h 2 | 10 ^h 42 | 18 ^h 41 |
| M14 | 22 6 10 | 29 ^h 55'42" | 14 ^h 14 | 28 ^h 39 | 10 ^h 59 | 14 ^h 31 | 26 ^h 37 | 29 ^h 46 | 2 ^h 51 | 0 ^h 40 | 2 ^h 28 | 1 ^h 28 | 29 ^h II58 | 10 ^h 49 | 18 ^h 39 |
| T 15 | 22 10 6 | 0 ^h III53'46" | 27 ^h 30 | 0 ^h III36 | 12 ^h 13 | 15 ^h 0 | 26 ^h 49 | 29 ^h 53 | 2 ^h 51 | 0 ^h 40 | 2 ^h 31 | 1 ^h R29 | 29 ^h 55 | 10 ^h 56 | 18 ^h 36 |
| W16 | 22 14 3 | 1 ^h 51'50" | 10 ^h ♁30 | 2 ^h 32 | 13 ^h 27 | 15 ^h 30 | 27 ^h 1 | 29 ^h 59 | 2 ^h 52 | 0 ^h 41 | 2 ^h 33 | 1 ^h 29 | 29 ^h 52 | 11 ^h 2 | 18 ^h 33 |
| T 17 | 22 18 0 | 2 ^h 49'57" | 23 ^h 16 | 4 ^h 27 | 14 ^h 41 | 16 ^h 1 | 27 ^h 13 | 0 ^h ♁6 | 2 ^h 53 | 0 ^h 41 | 2 ^h 35 | 1 ^h 27 | 29 ^h 49 | | |

SWISS EPHEMERIS for the year 1480

SEPTEMBER 1480 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|------------------------|------------------------|-----------------------|---------------------|----------------------|---------------------|--------------------|--------------------|--------------------|--------------------|----------------------|----------------------|---------------------|---------------------|---|
| F 1 | 23 17 8 | 17 ^h 25'09" | 28 ^h 01' | 0 ^h 55' | 3 ^h 13' | 24 ^h 13' | 0 ^h 06' | 1 ^h 52' | 3 ^h 10' | 0 ^h 51' | 3 ^h 07' | 29 ^h R54 | 29 ^h II 1 | 12 ^h Y50 | 17 ^h R49 | |
| S 2 | 23 21 4 | 18 ^h 23'47" | 12 ^h 01' | 2 ^h 32' | 4 ^h 27' | 24 ^h 48' | 0 ^h 17' | 1 ^h 59' | 3 ^h 11' | 0 ^h 52' | 3 ^h 10' | 29 ^h II49 | 28 ^h 58' | 12 ^h 57' | 17 ^h K46 | |
| S 3 | 23 25 1 | 19 ^h 22'27" | 26 ^h 52' | 4 ^h 8' | 5 ^h 41' | 25 ^h 23' | 0 ^h 27' | 2 ^h 6' | 3 ^h 13' | 0 ^h 53' | 3 ^h 12' | 29 ^h 41' | 28 ^h 55' | 13 ^h 3' | 17 ^h 43' | |
| M 4 | 23 28 57 | 20 ^h 21'08" | 11 ^h 49' | 5 ^h 43' | 6 ^h 56' | 25 ^h 59' | 0 ^h 38' | 2 ^h 14' | 3 ^h 14' | 0 ^h 54' | 3 ^h 14' | 29 ^h 31' | 28 ^h 52' | 13 ^h 10' | 17 ^h 40' | |
| T 5 | 23 32 54 | 21 ^h 19'52" | 27 ^h 1' | 7 ^h 18' | 8 ^h 10' | 26 ^h 35' | 0 ^h 49' | 2 ^h 21' | 3 ^h 16' | 0 ^h 55' | 3 ^h 17' | 29 ^h 20' | 28 ^h 49' | 13 ^h 17' | 17 ^h 38' | |
| W 6 | 23 36 51 | 22 ^h 18'38" | 12 ^h 16' | 8 ^h 51' | 9 ^h 25' | 27 ^h 11' | 0 ^h 59' | 2 ^h 28' | 3 ^h 18' | 0 ^h 56' | 3 ^h 19' | 29 ^h 9' | 28 ^h 45' | 13 ^h 23' | 17 ^h 35' | |
| T 7 | 23 40 47 | 23 ^h 17'25" | 27 ^h 23' | 10 ^h 23' | 10 ^h 40' | 27 ^h 47' | 1 ^h 10' | 2 ^h 35' | 3 ^h 19' | 0 ^h 58' | 3 ^h 21' | 29 ^h 0' | 28 ^h 42' | 13 ^h 30' | 17 ^h 32' | |
| F 8 | 23 44 44 | 24 ^h 16'15" | 12 ^h 13' | 11 ^h 54' | 11 ^h 54' | 28 ^h 23' | 1 ^h 20' | 2 ^h 43' | 3 ^h 21' | 0 ^h 59' | 3 ^h 24' | 28 ^h 53' | 28 ^h 39' | 13 ^h 37' | 17 ^h 29' | |
| S 9 | 23 48 40 | 25 ^h 15'06" | 26 ^h 41' | 13 ^h 25' | 13 ^h 9' | 29 ^h 0' | 1 ^h 30' | 2 ^h 50' | 3 ^h 23' | 1 ^h 0' | 3 ^h 26' | 28 ^h 48' | 28 ^h 36' | 13 ^h 44' | 17 ^h 26' | |
| S 10 | 23 52 37 | 26 ^h 13'59" | 10 ^h 42' | 14 ^h 54' | 14 ^h 23' | 29 ^h 37' | 1 ^h 41' | 2 ^h 57' | 3 ^h 25' | 1 ^h 1' | 3 ^h 28' | 28 ^h 46' | 28 ^h 33' | 13 ^h 50' | 17 ^h 24' | |
| M 11 | 23 56 33 | 27 ^h 12'54" | 24 ^h 17' | 16 ^h 22' | 15 ^h 38' | 0 ^h 14' | 1 ^h 51' | 3 ^h 5' | 3 ^h 27' | 1 ^h 2' | 3 ^h 30' | 28 ^h 46' | 28 ^h 30' | 13 ^h 57' | 17 ^h 21' | |
| T 12 | 0 0 30 | 28 ^h 11'51" | 7 ^h 29' | 17 ^h 50' | 16 ^h 53' | 0 ^h 52' | 2 ^h 1' | 3 ^h 12' | 3 ^h 29' | 1 ^h 3' | 3 ^h 33' | 28 ^h 46' | 28 ^h 26' | 14 ^h 4' | 17 ^h 18' | |
| W 13 | 0 4 26 | 29 ^h 10'49" | 20 ^h 21' | 19 ^h 16' | 18 ^h 8' | 1 ^h 29' | 2 ^h 10' | 3 ^h 19' | 3 ^h 31' | 1 ^h 5' | 3 ^h 35' | 28 ^h 45' | 28 ^h 23' | 14 ^h 10' | 17 ^h 15' | |
| T 14 | 0 8 23 | 0 ^h 9'49" | 2 ^h 56' | 20 ^h 42' | 19 ^h 22' | 2 ^h 7' | 2 ^h 20' | 3 ^h 27' | 3 ^h 33' | 1 ^h 6' | 3 ^h 37' | 28 ^h 42' | 28 ^h 20' | 14 ^h 17' | 17 ^h 13' | |
| F 15 | 0 12 20 | 1 ^h 8'51" | 15 ^h 18' | 22 ^h 6' | 20 ^h 37' | 2 ^h 45' | 2 ^h 30' | 3 ^h 34' | 3 ^h 35' | 1 ^h 7' | 3 ^h 40' | 28 ^h 36' | 28 ^h 17' | 14 ^h 24' | 17 ^h 10' | |
| S 16 | 0 16 16 | 2 ^h 7'55" | 27 ^h 30' | 23 ^h 30' | 21 ^h 52' | 3 ^h 23' | 2 ^h 39' | 3 ^h 42' | 3 ^h 37' | 1 ^h 9' | 3 ^h 42' | 28 ^h 28' | 28 ^h 14' | 14 ^h 31' | 17 ^h 7' | |
| S 17 | 0 20 13 | 3 ^h 7'01" | 9 ^h 35' | 24 ^h 52' | 23 ^h 7' | 4 ^h 1' | 2 ^h 49' | 3 ^h 49' | 3 ^h 40' | 1 ^h 10' | 3 ^h 45' | 28 ^h 16' | 28 ^h 10' | 14 ^h 37' | 17 ^h 5' | |
| M 18 | 0 24 9 | 4 ^h 6'08" | 21 ^h 35' | 26 ^h 13' | 24 ^h 22' | 4 ^h 40' | 2 ^h 58' | 3 ^h 56' | 3 ^h 42' | 1 ^h 11' | 3 ^h 47' | 28 ^h 3' | 28 ^h 7' | 14 ^h 44' | 17 ^h 2' | |
| T 19 | 0 28 6 | 5 ^h 5'18" | 3 ^h Y30 | 27 ^h 33' | 25 ^h 36' | 5 ^h 19' | 3 ^h 7' | 4 ^h 4' | 3 ^h 44' | 1 ^h 13' | 3 ^h 49' | 27 ^h 49' | 28 ^h 4' | 14 ^h 51' | 16 ^h 59' | |
| W 20 | 0 32 2 | 6 ^h 4'29" | 15 ^h 23' | 28 ^h 52' | 26 ^h 51' | 5 ^h 57' | 3 ^h 17' | 4 ^h 11' | 3 ^h 46' | 1 ^h 14' | 3 ^h 52' | 27 ^h 34' | 28 ^h 1' | 14 ^h 57' | 16 ^h 57' | |
| T 21 | 0 35 59 | 7 ^h 3'43" | 27 ^h 15' | 0 ^h 11'10" | 28 ^h 6' | 6 ^h 36' | 3 ^h 26' | 4 ^h 18' | 3 ^h 49' | 1 ^h 16' | 3 ^h 54' | 27 ^h 22' | 27 ^h 58' | 15 ^h 4' | 16 ^h 54' | |
| F 22 | 0 39 55 | 8 ^h 2'59" | 9 ^h 7' | 1 ^h 26' | 29 ^h 21' | 7 ^h 16' | 3 ^h 34' | 4 ^h 26' | 3 ^h 51' | 1 ^h 17' | 3 ^h 56' | 27 ^h 11' | 27 ^h 55' | 15 ^h 11' | 16 ^h 51' | |
| S 23 | 0 43 52 | 9 ^h 2'17" | 21 ^h 1' | 2 ^h 41' | 0 ^h 36' | 7 ^h 55' | 3 ^h 43' | 4 ^h 33' | 3 ^h 54' | 1 ^h 19' | 3 ^h 59' | 27 ^h 3' | 27 ^h 51' | 15 ^h 18' | 16 ^h 49' | |
| S 24 | 0 47 49 | 10 ^h 1'37" | 3 ^h II 1 | 3 ^h 54' | 1 ^h 51' | 8 ^h 34' | 3 ^h 52' | 4 ^h 40' | 3 ^h 56' | 1 ^h 20' | 4 ^h 1' | 26 ^h 58' | 27 ^h 48' | 15 ^h 24' | 16 ^h 46' | |
| M 25 | 0 51 45 | 11 ^h 1'00" | 15 ^h 10' | 5 ^h 6' | 3 ^h 6' | 9 ^h 14' | 4 ^h 0' | 4 ^h 48' | 3 ^h 59' | 1 ^h 22' | 4 ^h 3' | 26 ^h 56' | 27 ^h 45' | 15 ^h 31' | 16 ^h 44' | |
| T 26 | 0 55 42 | 12 ^h 0'25" | 27 ^h 32' | 6 ^h 16' | 4 ^h 21' | 9 ^h 54' | 4 ^h 9' | 4 ^h 55' | 4 ^h 1' | 1 ^h 24' | 4 ^h 6' | 26 ^h D56 | 27 ^h 42' | 15 ^h 38' | 16 ^h 41' | |
| W 27 | 0 59 38 | 12 ^h 59'52" | 10 ^h 01'12" | 7 ^h 24' | 5 ^h 36' | 10 ^h 34' | 4 ^h 17' | 5 ^h 2' | 4 ^h 4' | 1 ^h 25' | 4 ^h 8' | 26 ^h R56 | 27 ^h 39' | 15 ^h 44' | 16 ^h 39' | |
| T 28 | 1 3 35 | 13 ^h 59'22" | 23 ^h 14' | 8 ^h 30' | 6 ^h 51' | 11 ^h 14' | 4 ^h 25' | 5 ^h 10' | 4 ^h 6' | 1 ^h 27' | 4 ^h 10' | 26 ^h 56' | 27 ^h 35' | 15 ^h 51' | 16 ^h 36' | |
| F 29 | 1 7 31 | 14 ^h 58'54" | 6 ^h 04'3 | 9 ^h 34' | 8 ^h 6' | 11 ^h 54' | 4 ^h 33' | 5 ^h 17' | 4 ^h 9' | 1 ^h 29' | 4 ^h 12' | 26 ^h 54' | 27 ^h 32' | 15 ^h 58' | 16 ^h 34' | |
| S 30 | 1 11 28 | 15 ^h 58'28" | 20 ^h 04'1 | 10 ^h 13'5 | 9 ^h 21' | 12 ^h 33'4 | 4 ^h 04'1 | 5 ^h 24' | 4 ^h 12' | 1 ^h 30' | 4 ^h 15' | 26 ^h II50 | 27 ^h II29 | 16 ^h Y 5 | 16 ^h K32 | |

Delta T = 215.04 sec. Julian Calendar 1 Sept. 1480 == Greg. Calendar 10 Sept. 1480

OCTOBER 1480 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|--------------------------|-----------------------|----------------------|-----------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|----------------------|----------------------|---------------------|---------------------|---|
| S 1 | 1 15 24 | 16 ^h 58'05" | 5 ^h 19 9 | 11 ^h 13'4 | 10 ^h 37' | 13 ^h 15' | 4 ^h 04'9 | 5 ^h 23' | 4 ^h 15' | 1 ^h 32' | 4 ^h 17' | 26 ^h R43 | 27 ^h II26 | 16 ^h Y11 | 16 ^h R29 | |
| M 2 | 1 19 21 | 17 ^h 57'44" | 20 ^h 2 | 12 ^h 29' | 11 ^h 52' | 13 ^h 55' | 4 ^h 57' | 5 ^h 39' | 4 ^h 17' | 1 ^h 34' | 4 ^h 19' | 26 ^h II34 | 27 ^h 23' | 16 ^h 18' | 16 ^h K27 | |
| T 3 | 1 23 18 | 18 ^h 57'25" | 5 ^h 13 | 13 ^h 22' | 13 ^h 7' | 14 ^h 36' | 5 ^h 4' | 5 ^h 46' | 4 ^h 20' | 1 ^h 35' | 4 ^h 22' | 26 ^h 24' | 27 ^h 20' | 16 ^h 25' | 16 ^h 25' | |
| W 4 | 1 27 14 | 19 ^h 57'08" | 20 ^h 33' | 14 ^h 11' | 14 ^h 22' | 15 ^h 17' | 5 ^h 11' | 5 ^h 53' | 4 ^h 23' | 1 ^h 37' | 4 ^h 24' | 26 ^h 14' | 27 ^h 16' | 16 ^h 31' | 16 ^h 22' | |
| T 5 | 1 31 11 | 20 ^h 56'53" | 5 ^h 11'50" | 14 ^h 56' | 15 ^h 37' | 15 ^h 58' | 5 ^h 19' | 6 ^h 1' | 4 ^h 26' | 1 ^h 39' | 4 ^h 26' | 26 ^h 5' | 27 ^h 13' | 16 ^h 38' | 16 ^h 20' | |
| F 6 | 1 35 7 | 21 ^h 56'40" | 20 ^h 53' | 15 ^h 36' | 16 ^h 52' | 16 ^h 39' | 5 ^h 26' | 6 ^h 8' | 4 ^h 29' | 1 ^h 41' | 4 ^h 28' | 25 ^h 58' | 27 ^h 10' | 16 ^h 45' | 16 ^h 18' | |
| S 7 | 1 39 4 | 22 ^h 56'29" | 5 ^h 13'33 | 16 ^h 12' | 18 ^h 8' | 17 ^h 20' | 5 ^h 33' | 6 ^h 15' | 4 ^h 32' | 1 ^h 43' | 4 ^h 31' | 25 ^h 54' | 27 ^h 7' | 16 ^h 52' | 16 ^h 16' | |
| S 8 | 1 43 0 | 23 ^h 56'20" | 19 ^h 46' | 16 ^h 42' | 19 ^h 23' | 18 ^h 1' | 5 ^h 39' | 6 ^h 22' | 4 ^h 35' | 1 ^h 45' | 4 ^h 33' | 25 ^h D53 | 27 ^h 4' | 16 ^h 58' | 16 ^h 14' | |
| M 9 | 1 46 57 | 24 ^h 56'12" | 3 ^h 31 | 17 ^h 7' | 20 ^h 38' | 18 ^h 43' | 5 ^h 46' | 6 ^h 29' | 4 ^h 38' | 1 ^h 46' | 4 ^h 35' | 25 ^h 53' | 27 ^h 1' | 17 ^h 5' | 16 ^h 12' | |
| T 10 | 1 50 53 | 25 ^h 56'06" | 16 ^h 48' | 17 ^h 25' | 21 ^h 53' | 19 ^h 24' | 5 ^h 52' | 6 ^h 36' | 4 ^h 41' | 1 ^h 48' | 4 ^h 37' | 25 ^h 53' | 26 ^h 57' | 17 ^h 12' | 16 ^h 10' | |
| W 11 | 1 54 50 | 26 ^h 56'02" | 29 ^h 40' | 17 ^h 36' | 23 ^h 9' | 20 ^h 6' | 5 ^h 59' | 6 ^h 43' | 4 ^h 44' | 1 ^h 50' | 4 ^h 40' | 25 ^h R54 | 26 ^h 54' | 17 ^h 18' | 16 ^h 8' | |
| T 12 | 1 58 47 | 27 ^h 56'00" | 12 ^h 31'3 | 17 ^h R39 | 24 ^h 24' | 20 ^h 48' | 6 ^h 5' | 6 ^h 50' | 4 ^h 47' | 1 ^h 52' | 4 ^h 42' | 25 ^h 52' | 26 ^h 51' | 17 ^h 25' | 16 ^h 6' | |
| F 13 | 2 2 43 | 28 ^h 55'59" | 24 ^h 31' | 17 ^h 34' | 25 ^h 39' | 21 ^h 30' | 6 ^h 11' | 6 ^h 57' | 4 ^h 50' | 1 ^h 54' | 4 ^h 44' | 25 ^h 49' | 26 ^h 48' | 17 ^h 32' | 16 ^h 4' | |
| S 14 | 2 6 40 | 29 ^h 55'59" | 6 ^h 37 | 17 ^h 20' | 26 ^h 54' | 22 ^h 12' | 6 ^h 17' | 7 ^h 4' | 4 ^h 53' | 1 ^h 56' | 4 ^h 46' | 25 ^h 43' | 26 ^h 45' | 17 ^h 39' | 16 ^h 2' | |
| S 15 | 2 10 36 | 0 ^h 11'56'02" | 18 ^h 36' | 16 ^h 57' | 28 ^h 10' | 22 ^h 54' | 6 ^h 22' | 7 ^h 11' | 4 ^h 56' | 1 ^h 58' | 4 ^h 48' | 25 ^h 35' | 26 ^h 41' | 17 ^h 45' | 16 ^h 0' | |
| M 16 | 2 14 33 | 1 ^h 56'06" | 0 ^h Y30 | 16 ^h 24' | 29 ^h 25' | 23 ^h 36' | 6 ^h 28' | 7 ^h 18' | 5 ^h 0' | 2 ^h 0' | 4 ^h 51' | 25 ^h 26' | 26 ^h 38' | 17 ^h 52' | 15 ^h 59' | |
| T 17 | 2 18 29 | 2 ^h 56'11" | 12 ^h 22' | 15 ^h 42' | 0 ^h 11'40" | 24 ^h 18' | 6 ^h 33' | 7 ^h 25' | 5 ^h 3' | 2 ^h 2' | 4 ^h 53' | 25 ^h 15' | 26 ^h 35' | 17 ^h 59' | 15 ^h 57' | |
| W 18 | 2 22 26 | 3 ^h 56'19" | 24 ^h 14' | 14 ^h 50' | 1 ^h 56' | 25 ^h 0' | 6 ^h 39' | 7 ^h 32' | 5 | | | | | | | |

SWISS EPHEMERIS for the year 1480

NOVEMBER 1480 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|----------|-------|-------|-------|-------|-------|------|------|------|----------|---------|--------|--------|
| W 1 | 3 17 38 | 18♁ 1'24 | 28♁45 | 1°D37 | 19♁31 | 5≈ 0 | 7♁33 | 9♁ 4 | 5♁54 | 2♁34 | 5♁23 | 24°R22 | 25♁47 | 19°Y39 | 15°R37 |
| T 2 | 3 21 34 | 19° 2'00 | 13♁53 | 1♁42 | 20°46 | 5°43 | 7°36 | 9°10 | 5°58 | 2°36 | 5°24 | 24°II 17 | 25°44 | 19°46 | 15°K37 |
| F 3 | 3 25 31 | 20° 2'37 | 28°53 | 1°57 | 22° 2 | 6°27 | 7°38 | 9°17 | 6° 1 | 2°38 | 5°26 | 24°13 | 25°41 | 19°53 | 15°36 |
| S 4 | 3 29 27 | 21° 3'16 | 13♁36 | 2°21 | 23°17 | 7°10 | 7°41 | 9°23 | 6° 5 | 2°41 | 5°28 | 24°11 | 25°38 | 20° 0 | 15°35 |
| S 5 | 3 33 24 | 22° 3'56 | 27°56 | 2°54 | 24°33 | 7°54 | 7°43 | 9°29 | 6° 8 | 2°43 | 5°30 | 24°D11 | 25°35 | 20° 6 | 15°34 |
| M 6 | 3 37 20 | 23° 4'38 | 11♁48 | 3°35 | 25°48 | 8°37 | 7°44 | 9°35 | 6°12 | 2°45 | 5°32 | 24°12 | 25°32 | 20°13 | 15°34 |
| T 7 | 3 41 17 | 24° 5'21 | 25°14 | 4°24 | 27° 3 | 9°21 | 7°46 | 9°41 | 6°15 | 2°47 | 5°33 | 24°13 | 25°28 | 20°20 | 15°33 |
| W 8 | 3 45 13 | 25° 6'04 | 8≈14 | 5°18 | 28°19 | 10° 5 | 7°47 | 9°47 | 6°19 | 2°50 | 5°35 | 24°15 | 25°25 | 20°26 | 15°32 |
| T 9 | 3 49 10 | 26° 6'49 | 20°52 | 6°17 | 29°34 | 10°48 | 7°49 | 9°53 | 6°23 | 2°52 | 5°37 | 24°R16 | 25°22 | 20°33 | 15°32 |
| F 10 | 3 53 7 | 27° 7'35 | 3K11 | 7°22 | 0♁50 | 11°32 | 7°50 | 9°58 | 6°26 | 2°54 | 5°38 | 24°16 | 25°19 | 20°40 | 15°31 |
| S 11 | 3 57 3 | 28° 8'22 | 15°17 | 8°30 | 2° 5 | 12°16 | 7°50 | 10° 4 | 6°30 | 2°56 | 5°40 | 24°14 | 25°16 | 20°47 | 15°31 |
| S 12 | 4 1 0 | 29° 9'09 | 27°14 | 9°42 | 3°21 | 12°59 | 7°51 | 10°10 | 6°34 | 2°59 | 5°42 | 24°12 | 25°13 | 20°53 | 15°31 |
| M13 | 4 4 56 | 0♁ 9'58 | 9°Y 6 | 10°57 | 4°36 | 13°43 | 7°52 | 10°15 | 6°37 | 3° 1 | 5°43 | 24° 8 | 25° 9 | 21° 0 | 15°30 |
| T 14 | 4 8 53 | 1°10'48 | 20°58 | 12°14 | 5°51 | 14°27 | 7°52 | 10°21 | 6°41 | 3° 3 | 5°45 | 24° 4 | 25° 6 | 21° 7 | 15°30 |
| W15 | 4 12 49 | 2°11'39 | 2♁51 | 13°34 | 7° 7 | 15°11 | 7°R52 | 10°26 | 6°45 | 3° 5 | 5°46 | 24° 0 | 25° 3 | 21°13 | 15°30 |
| T 16 | 4 16 46 | 3°12'30 | 14°49 | 14°55 | 8°22 | 15°55 | 7°52 | 10°32 | 6°48 | 3° 8 | 5°48 | 23°57 | 25° 0 | 21°20 | 15°30 |
| F 17 | 4 20 42 | 4°13'23 | 26°53 | 16°18 | 9°38 | 16°39 | 7°51 | 10°37 | 6°52 | 3°10 | 5°49 | 23°54 | 24°57 | 21°27 | 15°D30 |
| S 18 | 4 24 39 | 5°14'17 | 9II 6 | 17°43 | 10°53 | 17°23 | 7°51 | 10°42 | 6°56 | 3°12 | 5°51 | 23°52 | 24°53 | 21°34 | 15°30 |
| S 19 | 4 28 36 | 6°15'12 | 21°28 | 19° 9 | 12° 8 | 18° 7 | 7°50 | 10°48 | 6°59 | 3°14 | 5°52 | 23°D52 | 24°50 | 21°40 | 15°30 |
| M20 | 4 32 32 | 7°16'08 | 4♁ 1 | 20°35 | 13°24 | 18°51 | 7°49 | 10°53 | 7° 3 | 3°17 | 5°53 | 23°52 | 24°47 | 21°47 | 15°30 |
| T 21 | 4 36 29 | 8°17'06 | 16°46 | 22° 3 | 14°39 | 19°35 | 7°48 | 10°58 | 7° 7 | 3°19 | 5°55 | 23°53 | 24°44 | 21°54 | 15°30 |
| W22 | 4 40 25 | 9°18'04 | 29°44 | 23°31 | 15°55 | 20°19 | 7°47 | 11° 3 | 7°10 | 3°21 | 5°56 | 23°54 | 24°41 | 22° 0 | 15°31 |
| T 23 | 4 44 22 | 10°19'04 | 12♁56 | 25° 0 | 17°10 | 21° 3 | 7°45 | 11° 8 | 7°14 | 3°23 | 5°57 | 23°55 | 24°38 | 22° 7 | 15°31 |
| F 24 | 4 48 18 | 11°20'04 | 26°24 | 26°29 | 18°26 | 21°47 | 7°43 | 11°13 | 7°18 | 3°26 | 5°59 | 23°56 | 24°34 | 22°14 | 15°31 |
| S 25 | 4 52 15 | 12°21'06 | 10III 9 | 27°59 | 19°41 | 22°31 | 7°42 | 11°17 | 7°21 | 3°28 | 6° 0 | 23°R57 | 24°31 | 22°20 | 15°32 |
| S 26 | 4 56 12 | 13°22'09 | 24°11 | 29°29 | 20°56 | 23°15 | 7°39 | 11°22 | 7°25 | 3°30 | 6° 1 | 23°57 | 24°28 | 22°27 | 15°32 |
| M27 | 5 0 8 | 14°23'12 | 8♁28 | 1♁ 0 | 22°12 | 23°59 | 7°37 | 11°27 | 7°29 | 3°32 | 6° 2 | 23°56 | 24°25 | 22°34 | 15°33 |
| T 28 | 5 4 5 | 15°24'17 | 22°59 | 2°31 | 23°27 | 24°43 | 7°35 | 11°31 | 7°32 | 3°35 | 6° 3 | 23°55 | 24°22 | 22°41 | 15°33 |
| W29 | 5 8 1 | 16°25'23 | 7III 39 | 4° 2 | 24°43 | 25°28 | 7°32 | 11°36 | 7°36 | 3°37 | 6° 4 | 23°54 | 24°18 | 22°47 | 15°34 |
| T 30 | 5 11 58 | 17°26'30 | 22III 22 | 5♁34 | 25♁58 | 26≈12 | 7♁29 | 11♁40 | 7♁40 | 3♁39 | 6♁ 5 | 23III 53 | 24II 15 | 22°Y54 | 15°K35 |

Delta T = 214.86 sec. Julian Calendar 1 Nov. 1480 == Greg. Calendar 10 Nov. 1480

DECEMBER 1480 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|---------|-------|-------|-------|-------|-------|------|------|-------|----------|---------|--------|--------|
| F 1 | 5 15 54 | 18♁27'37 | 7♁ 1 | 7♁ 5 | 27♁13 | 26≈56 | 7°R26 | 11♁44 | 7♁43 | 3♁41 | 6♁ 6 | 23°R53 | 24II 12 | 23°Y 1 | 15°K36 |
| S 2 | 5 19 51 | 19°28'46 | 21°30 | 8°37 | 28°29 | 27°40 | 7°R23 | 11°49 | 7°47 | 3°44 | 6° 7 | 23°D53 | 24° 9 | 23° 7 | 15°36 |
| S 3 | 5 23 47 | 20°29'54 | 5♁42 | 10°10 | 29°44 | 28°24 | 7°19 | 11°53 | 7°50 | 3°46 | 6° 8 | 23III 53 | 24° 6 | 23°14 | 15°37 |
| M 4 | 5 27 44 | 21°31'04 | 19°34 | 11°42 | 1♁ 0 | 29° 9 | 7°16 | 11°57 | 7°54 | 3°48 | 6° 9 | 23°53 | 24° 3 | 23°21 | 15°38 |
| T 5 | 5 31 41 | 22°32'13 | 3≈ 3 | 13°14 | 2°15 | 29°53 | 7°12 | 12° 1 | 7°58 | 3°50 | 6°10 | 23°53 | 23°59 | 23°28 | 15°39 |
| W 6 | 5 35 37 | 23°33'23 | 16° 8 | 14°47 | 3°30 | 0K37 | 7° 8 | 12° 4 | 8° 1 | 3°52 | 6°11 | 23°R53 | 23°56 | 23°34 | 15°40 |
| T 7 | 5 39 34 | 24°34'33 | 28°51 | 16°20 | 4°46 | 1°21 | 7° 4 | 12° 8 | 8° 5 | 3°54 | 6°12 | 23°53 | 23°53 | 23°41 | 15°41 |
| F 8 | 5 43 30 | 25°35'43 | 11K15 | 17°54 | 6° 1 | 2° 5 | 6°59 | 12°12 | 8° 8 | 3°57 | 6°13 | 23°53 | 23°50 | 23°48 | 15°43 |
| S 9 | 5 47 27 | 26°36'53 | 23°24 | 19°27 | 7°17 | 2°50 | 6°55 | 12°15 | 8°12 | 3°59 | 6°14 | 23°D53 | 23°47 | 23°54 | 15°44 |
| S 10 | 5 51 23 | 27°38'03 | 5Y23 | 21° 1 | 8°32 | 3°34 | 6°50 | 12°19 | 8°15 | 4° 1 | 6°14 | 23°53 | 23°44 | 24° 1 | 15°45 |
| M11 | 5 55 20 | 28°39'13 | 17°15 | 22°35 | 9°47 | 4°18 | 6°45 | 12°22 | 8°19 | 4° 3 | 6°15 | 23°53 | 23°40 | 24° 8 | 15°46 |
| T 12 | 5 59 16 | 29°40'22 | 29° 6 | 24° 9 | 11° 3 | 5° 2 | 6°40 | 12°26 | 8°22 | 4° 5 | 6°16 | 23°54 | 23°37 | 24°14 | 15°48 |
| W13 | 6 3 13 | 0♁41'32 | 11♁ 0 | 25°43 | 12°18 | 5°47 | 6°35 | 12°29 | 8°26 | 4° 7 | 6°16 | 23°54 | 23°34 | 24°21 | 15°49 |
| T 14 | 6 7 10 | 1°42'42 | 23° 2 | 27°18 | 13°33 | 6°31 | 6°29 | 12°32 | 8°29 | 4° 9 | 6°17 | 23°55 | 23°31 | 24°28 | 15°51 |
| F 15 | 6 11 6 | 2°43'52 | 5III 13 | 28°53 | 14°49 | 7°15 | 6°24 | 12°35 | 8°33 | 4°11 | 6°17 | 23°56 | 23°28 | 24°35 | 15°52 |
| S 16 | 6 15 3 | 3°45'02 | 17°37 | 0♁29 | 16° 4 | 7°59 | 6°18 | 12°38 | 8°36 | 4°13 | 6°18 | 23°R56 | 23°25 | 24°41 | 15°54 |
| S 17 | 6 18 59 | 4°46'11 | 0♁16 | 2° 4 | 17°19 | 8°43 | 6°13 | 12°41 | 8°40 | 4°15 | 6°18 | 23°56 | 23°21 | 24°48 | 15°55 |
| M18 | 6 22 56 | 5°47'21 | 13°10 | 3°40 | 18°34 | 9°28 | 6° 7 | 12°44 | 8°43 | 4°17 | 6°19 | 23°56 | 23°18 | 24°55 | 15°57 |
| T 19 | 6 26 52 | 6°48'31 | 26°18 | 5°17 | 19°50 | 10°12 | 6° 0 | 12°46 | 8°46 | 4°19 | 6°19 | 23°55 | 23°15 | 25° 1 | 15°59 |
| W20 | 6 30 49 | 7°49'40 | 9♁41 | 6°54 | 21° 5 | 10°56 | 5°54 | 12°49 | 8°50 | 4°21 | 6°20 | 23°53 | 23°12 | 25° 8 | 16° 1 |
| T 21 | 6 34 45 | 8°50'50 | 23°16 | 8°31 | 22°20 | 11°40 | 5°48 | 12°51 | 8°53 | 4°23 | 6°20 | 23°51 | 23° 9 | 25°15 | 16° 3 |
| F 22 | 6 38 42 | 9°51'59 | 7III 3 | 10° 9 | 23°36 | 12°24 | 5°41 | 12°54 | 8°56 | 4°25 | 6°20 | 23°49 | 23° 5 | 25°22 | 16° 4 |
| S 23 | 6 42 39 | 10°53'09 | 20°59 | 11°47 | 24°51 | 13° 8 | 5°35 | 12°56 | 9° 0 | 4°27 | 6°21 | 23°47 | 23° 2 | 25°28 | 16° 6 |
| S 24 | 6 46 35 | 11°54'19 | 5♁ 2 | 13°25 | 26° 6 | 13°52 | 5°28 | 12°58 | 9° 3 | 4°29 | 6°21 | 23°46 | 22°59 | 25°35 | 16° 8 |
| M25 | 6 50 32 | 12°55'28 | 19°11 | 15° 4 | 27°21 | 14°36 | 5°21 | 13° 0 | 9° 6 | 4°31 | 6°21 | 23°D46 | 22°56 | 25°42 | 16°10 |
| T 26 | 6 54 28 | 13°56'38 | 3III 23 | 16°44 | 28°36 | 15°21 | 5°14 | 13° 2 | 9° 9 | 4°33 | 6°21 | 23°47 | 22°53 | 25°48 | 16°12 |
| W27 | 6 58 25 | 14°57'47 | 17°38 | 18°23 | 29°52 | 16° 5 | 5° 7 | 13° 4 | 9°12 | 4°35 | 6°21 | 23°48 | 22°50 | 25°55 | 16°15 |
| T 28 | 7 2 21 | 15°58'57 | 1♁51 | 20° 4 | 1≈ 7 | 16°49 | 5° 0 | 13° 5 | 9°16 | 4°36 | 6°21 | 23°50 | 22°46 | 26° 2 | 16°17 |
| F 29 | 7 6 18 | 17° 0'06 | 16° 1 | 21°44 | 2°22 | 17°33 | 4°53 | 13° 7 | 9°19 | 4°38 | 6°21 | 23°51 | 22°43 | 26° 8 | 16°19 |
| S 30 | 7 10 15 | 18° 1'15 | 0♁ 3 | 23°26 | 3°37 | 18°17 | 4°45 | 13° 9 | 9°22 | 4°40 | 6°R21 | 23°R51 | 22°40 | 26°15 | 16°21 |
| S 31 | 7 14 11 | 19♁ 2'24 | 13♁54 | 25♁ 7 | 4≈52 | 19K 1 | 4♁38 | 13♁10 | 9♁25 | 4♁42 | 6♁21 | 23II 50 | 22II 37 | 26°Y22 | 16°K24 |

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