

SWISS EPHEMERIS for the year 1283

JANUARY 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|-------|-------|------|---|
| F 1 | 7 10 7 | 18♁ 6'58 | 22♁ 2 | 15♁38 | 24♁44 | 6♁ 1 | 20♁13 | 7♁31 | 17°R17 | 20°R45 | 23♁27 | 10°R51 | 12♁14 | 9♁31 | 5♁ 9 | |
| S 2 | 7 14 4 | 19° 8'05 | 4♁17 | 17°17 | 25°57 | 6°47 | 20°22 | 7°38 | 17♁14 | 20♁45 | 23°29 | 10♁49 | 12°11 | 9°38 | 5°12 | |
| S 3 | 7 18 0 | 20° 9'11 | 16°42 | 18°57 | 27°10 | 7°33 | 20°32 | 7°45 | 17°12 | 20°44 | 23°31 | 10°D49 | 12° 8 | 9°45 | 5°14 | |
| M 4 | 7 21 57 | 21°10'17 | 29°18 | 20°38 | 28°22 | 8°19 | 20°41 | 7°52 | 17° 9 | 20°44 | 23°33 | 10°50 | 12° 5 | 9°51 | 5°17 | |
| T 5 | 7 25 53 | 22°11'21 | 12♁ 7 | 22°19 | 29°35 | 9° 6 | 20°51 | 7°59 | 17° 6 | 20°43 | 23°35 | 10°52 | 12° 1 | 9°58 | 5°20 | |
| W 6 | 7 29 50 | 23°12'24 | 25°10 | 24° 0 | 0♁48 | 9°52 | 21° 0 | 8° 6 | 17° 4 | 20°42 | 23°37 | 10°53 | 11°58 | 10° 5 | 5°23 | |
| T 7 | 7 33 46 | 24°13'27 | 8♁30 | 25°43 | 2° 0 | 10°38 | 21° 9 | 8°13 | 17° 1 | 20°41 | 23°39 | 10°54 | 11°55 | 10°11 | 5°26 | |
| F 8 | 7 37 43 | 25°14'28 | 22° 8 | 27°26 | 3°12 | 11°24 | 21°18 | 8°20 | 16°59 | 20°41 | 23°41 | 10°R55 | 11°52 | 10°18 | 5°30 | |
| S 9 | 7 41 40 | 26°15'28 | 6♁ 5 | 29° 9 | 4°25 | 12°10 | 21°27 | 8°26 | 16°56 | 20°40 | 23°43 | 10°55 | 11°49 | 10°25 | 5°33 | |
| S 10 | 7 45 36 | 27°16'26 | 20°20 | 0♁53 | 5°37 | 12°57 | 21°36 | 8°33 | 16°53 | 20°39 | 23°45 | 10°54 | 11°46 | 10°32 | 5°36 | |
| M11 | 7 49 33 | 28°17'24 | 4♁51 | 2°38 | 6°49 | 13°43 | 21°45 | 8°40 | 16°51 | 20°38 | 23°47 | 10°52 | 11°42 | 10°38 | 5°39 | |
| T 12 | 7 53 29 | 29°18'20 | 19°34 | 4°23 | 8° 1 | 14°29 | 21°53 | 8°47 | 16°48 | 20°37 | 23°49 | 10°51 | 11°39 | 10°45 | 5°42 | |
| W13 | 7 57 26 | 0♁19'15 | 4♁23 | 6° 9 | 9°13 | 15°15 | 22° 2 | 8°54 | 16°46 | 20°36 | 23°51 | 10°50 | 11°36 | 10°52 | 5°45 | |
| T 14 | 8 1 22 | 1°20'09 | 19°10 | 7°55 | 10°25 | 16° 2 | 22°10 | 9° 0 | 16°43 | 20°36 | 23°52 | 10°49 | 11°33 | 10°58 | 5°49 | |
| F 15 | 8 5 19 | 2°21'02 | 3♁49 | 9°41 | 11°37 | 16°48 | 22°18 | 9° 7 | 16°41 | 20°35 | 23°54 | 10°D48 | 11°30 | 11° 5 | 5°52 | |
| S 16 | 8 9 16 | 3°21'53 | 18°12 | 11°28 | 12°48 | 17°35 | 22°26 | 9°14 | 16°38 | 20°34 | 23°56 | 10°48 | 11°27 | 11°12 | 5°55 | |
| S 17 | 8 13 12 | 4°22'43 | 2♁14 | 13°15 | 14° 0 | 18°21 | 22°34 | 9°20 | 16°36 | 20°33 | 23°58 | 10°49 | 11°23 | 11°18 | 5°59 | |
| M18 | 8 17 9 | 5°23'32 | 15°53 | 15° 1 | 15°11 | 19° 8 | 22°42 | 9°27 | 16°33 | 20°32 | 24° 0 | 10°49 | 11°20 | 11°25 | 6° 2 | |
| T 19 | 8 21 5 | 6°24'20 | 29° 7 | 16°48 | 16°23 | 19°54 | 22°50 | 9°34 | 16°31 | 20°31 | 24° 2 | 10°50 | 11°17 | 11°32 | 6° 6 | |
| W20 | 8 25 2 | 7°25'07 | 11♁57 | 18°35 | 17°34 | 20°41 | 22°57 | 9°40 | 16°29 | 20°29 | 24° 4 | 10°50 | 11°14 | 11°39 | 6° 9 | |
| T 21 | 8 28 58 | 8°25'53 | 24°27 | 20°21 | 18°45 | 21°27 | 23° 4 | 9°47 | 16°26 | 20°28 | 24° 6 | 10°50 | 11°11 | 11°45 | 6°12 | |
| F 22 | 8 32 55 | 9°26'38 | 6♁41 | 22° 6 | 19°56 | 22°14 | 23°12 | 9°53 | 16°24 | 20°27 | 24° 8 | 10°R50 | 11° 7 | 11°52 | 6°16 | |
| S 23 | 8 36 51 | 10°27'22 | 18°42 | 23°51 | 21° 7 | 23° 0 | 23°19 | 10° 0 | 16°22 | 20°26 | 24° 9 | 10°D50 | 11° 4 | 11°59 | 6°19 | |
| S 24 | 8 40 48 | 11°28'05 | 0♁35 | 25°33 | 22°18 | 23°47 | 23°26 | 10° 6 | 16°19 | 20°25 | 24°11 | 10°50 | 11° 1 | 12° 5 | 6°23 | |
| M25 | 8 44 44 | 12°28'47 | 12°26 | 27°15 | 23°29 | 24°34 | 23°33 | 10°12 | 16°17 | 20°24 | 24°13 | 10°50 | 10°58 | 12°12 | 6°26 | |
| T 26 | 8 48 41 | 13°29'27 | 24°17 | 28°54 | 24°39 | 25°20 | 23°39 | 10°19 | 16°15 | 20°22 | 24°15 | 10°51 | 10°55 | 12°19 | 6°30 | |
| W27 | 8 52 38 | 14°30'06 | 6♁15 | 0♁30 | 25°50 | 26° 7 | 23°46 | 10°25 | 16°13 | 20°21 | 24°17 | 10°51 | 10°52 | 12°25 | 6°34 | |
| T 28 | 8 56 34 | 15°30'44 | 18°20 | 2° 3 | 27° 0 | 26°54 | 23°52 | 10°31 | 16°10 | 20°20 | 24°19 | 10°52 | 10°48 | 12°32 | 6°37 | |
| F 29 | 9 0 31 | 16°31'21 | 0♁37 | 3°32 | 28°10 | 27°40 | 23°58 | 10°38 | 16° 8 | 20°19 | 24°20 | 10°52 | 10°45 | 12°39 | 6°41 | |
| S 30 | 9 4 27 | 17°31'56 | 13° 7 | 4°57 | 29°20 | 28°27 | 24° 4 | 10°44 | 16° 6 | 20°17 | 24°22 | 10°R52 | 10°42 | 12°46 | 6°44 | |
| S 31 | 9 8 24 | 18♁32'29 | 25♁50 | 6♁17 | 0♁30 | 29♁14 | 24♁10 | 10♁50 | 16♁ 4 | 20♁16 | 24♁24 | 10♁52 | 10♁39 | 12♁52 | 6♁48 | |

Delta T = 08m23s

Julian Calendar 1 Jan. 1283 == Greg. Calendar 8 Jan. 1283

FEBRUARY 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|-------|-------|-------|-------|--------|--------|-------|--------|-------|-------|------|---|
| M 1 | 9 12 20 | 19♁33'01 | 8♁48 | 7♁31 | 1♁40 | 0♁ 1 | 24♁16 | 10♁56 | 16°R 2 | 20°R15 | 24♁26 | 10°R51 | 10♁36 | 12♁59 | 6♁52 | |
| T 2 | 9 16 17 | 20°33'31 | 22° 0 | 8°38 | 2°50 | 0°48 | 24°22 | 11° 2 | 16♁ 0 | 20♁13 | 24°28 | 10♁50 | 10°32 | 13° 6 | 6°55 | |
| W 3 | 9 20 13 | 21°33'59 | 5♁25 | 9°38 | 3°59 | 1°34 | 24°27 | 11° 8 | 15°58 | 20°12 | 24°29 | 10°48 | 10°29 | 13°12 | 6°59 | |
| T 4 | 9 24 10 | 22°34'25 | 19° 3 | 10°31 | 5° 9 | 2°21 | 24°32 | 11°14 | 15°56 | 20°10 | 24°31 | 10°47 | 10°26 | 13°19 | 7° 3 | |
| F 5 | 9 28 7 | 23°34'49 | 2♁52 | 11°15 | 6°18 | 3° 8 | 24°37 | 11°20 | 15°54 | 20° 9 | 24°33 | 10°46 | 10°23 | 13°26 | 7° 7 | |
| S 6 | 9 32 3 | 24°35'12 | 16°51 | 11°50 | 7°27 | 3°55 | 24°42 | 11°25 | 15°52 | 20° 7 | 24°34 | 10°45 | 10°20 | 13°33 | 7°10 | |
| S 7 | 9 36 0 | 25°35'32 | 0♁58 | 12°16 | 8°36 | 4°42 | 24°47 | 11°31 | 15°50 | 20° 6 | 24°36 | 10°D45 | 10°17 | 13°39 | 7°14 | |
| M 8 | 9 39 56 | 26°35'51 | 15°12 | 12°33 | 9°44 | 5°29 | 24°52 | 11°37 | 15°48 | 20° 5 | 24°38 | 10°46 | 10°13 | 13°46 | 7°18 | |
| T 9 | 9 43 53 | 27°36'07 | 29°31 | 12°R40 | 10°53 | 6°15 | 24°56 | 11°43 | 15°47 | 20° 3 | 24°40 | 10°47 | 10°10 | 13°53 | 7°22 | |
| W10 | 9 47 49 | 28°36'21 | 13♁51 | 12°37 | 12° 1 | 7° 2 | 25° 1 | 11°48 | 15°45 | 20° 2 | 24°41 | 10°48 | 10° 7 | 13°59 | 7°25 | |
| T 11 | 9 51 46 | 29°36'34 | 28° 9 | 12°24 | 13° 9 | 7°49 | 25° 5 | 11°54 | 15°43 | 20° 0 | 24°43 | 10°49 | 10° 4 | 14° 6 | 7°29 | |
| F 12 | 9 55 43 | 0♁36'44 | 12♁21 | 12° 2 | 14°17 | 8°36 | 25° 9 | 11°59 | 15°42 | 19°59 | 24°44 | 10°R49 | 10° 1 | 14°13 | 7°33 | |
| S 13 | 9 59 39 | 1°36'52 | 26°23 | 11°32 | 15°25 | 9°23 | 25°12 | 12° 5 | 15°40 | 19°57 | 24°46 | 10°49 | 9°58 | 14°19 | 7°37 | |
| S 14 | 10 3 36 | 2°36'58 | 10♁11 | 10°54 | 16°33 | 10°10 | 25°16 | 12°10 | 15°38 | 19°55 | 24°48 | 10°47 | 9°54 | 14°26 | 7°41 | |
| M15 | 10 7 32 | 3°37'02 | 23°41 | 10° 9 | 17°40 | 10°57 | 25°19 | 12°15 | 15°37 | 19°54 | 24°49 | 10°44 | 9°51 | 14°33 | 7°44 | |
| T 16 | 10 11 29 | 4°37'05 | 6♁51 | 9°18 | 18°47 | 11°44 | 25°23 | 12°20 | 15°35 | 19°52 | 24°51 | 10°40 | 9°48 | 14°39 | 7°48 | |
| W17 | 10 15 25 | 5°37'06 | 19°42 | 8°23 | 19°54 | 12°31 | 25°26 | 12°26 | 15°34 | 19°51 | 24°52 | 10°36 | 9°45 | 14°46 | 7°52 | |
| T 18 | 10 19 22 | 6°37'05 | 2♁14 | 7°25 | 21° 1 | 13°18 | 25°29 | 12°31 | 15°33 | 19°49 | 24°54 | 10°33 | 9°42 | 14°53 | 7°56 | |
| F 19 | 10 23 18 | 7°37'02 | 14°30 | 6°25 | 22° 7 | 14° 5 | 25°31 | 12°36 | 15°31 | 19°47 | 24°55 | 10°30 | 9°38 | 15° 0 | 7°59 | |
| S 20 | 10 27 15 | 8°36'58 | 26°34 | 5°25 | 23°13 | 14°52 | 25°34 | 12°41 | 15°30 | 19°46 | 24°57 | 10°28 | 9°35 | 15° 6 | 8° 3 | |
| S 21 | 10 31 11 | 9°36'52 | 8♁29 | 4°26 | 24°19 | 15°39 | 25°36 | 12°46 | 15°29 | 19°44 | 24°58 | 10°D27 | 9°32 | 15°13 | 8° 7 | |
| M22 | 10 35 8 | 10°36'44 | 20°20 | 3°30 | 25°25 | 16°26 | 25°38 | 12°50 | 15°28 | 19°43 | 25° 0 | 10°27 | 9°29 | 15°20 | 8°11 | |
| T 23 | 10 39 5 | 11°36'35 | 2♁12 | 2°36 | 26°31 | 17°13 | 25°40 | 12°55 | 15°27 | 19°41 | 25° 1 | 10°29 | 9°26 | 15°26 | 8°15 | |
| W24 | 10 43 1 | 12°36'24 | 14°10 | 1°47 | 27°36 | 18° 0 | 25°42 | 13° 0 | 15°25 | 19°39 | 25° 3 | 10°30 | 9°23 | 15°33 | 8°19 | |
| T 25 | 10 46 58 | 13°36'11 | 26°20 | 1° 3 | 28°41 | 18°47 | 25°44 | 13° 4 | 15°24 | 19°38 | 25° 4 | 10°32 | 9°19 | 15°40 | 8°22 | |
| F 26 | 10 50 54 | 14°35'56 | 8♁43 | 0°25 | 29°46 | 19°34 | 25°45 | 13° 9 | 15°23 | 19°36 | 25° 5 | 10°R33 | 9°16 | 15°46 | 8°26 | |
| S 27 | 10 54 51 | 15°35'40 | 21°25 | 29♁52 | 0♁50 | 20°21 | 25°46 | 13°14 | 15°22 | 19°34 | 25° 7 | 10°32 | 9°13 | 15°53 | 8°30 | |
| S 28 | 10 58 47 | 16♁35'21 | 4♁25 | 29♁26 | 1♁54 | 21♁ 8 | 25♁47 | 13♁18 | 15♁22 | 19♁33 | 25♁ 8 | 10♁30 | 9♁10 | 16♁ 0 | 8♁34 | |

Delta T = 08m23s

Julian Calendar

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SWISS EPHEMERIS for the year 1283

MARCH 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|-----|----------|----------|--------|--------|-------|-------|--------|-------|--------|--------|-------|--------|------|-------|-------|---|---|---|---|---|---|---|---|
| M 1 | 11 2 44 | 17°35'01 | 17°45 | 29°R 5 | 2♂58 | 21♁55 | 25♃48 | 13♄22 | 15°R21 | 19°R31 | 25♅9 | 10°R26 | 9♁7 | 16♁7 | 8♂37 | | | | | | | | |
| T 2 | 11 6 40 | 18°34'38 | 1°Y23 | 28♁51 | 4° 2 | 22°42 | 25°49 | 13°26 | 15°E20 | 19♃29 | 25°11 | 10°E20 | 9° 4 | 16°13 | 8°41 | | | | | | | | |
| W 3 | 11 10 37 | 19°34'13 | 15°16 | 28°43 | 5° 5 | 23°29 | 25°49 | 13°31 | 15°19 | 19°28 | 25°12 | 10°14 | 9° 0 | 16°20 | 8°45 | | | | | | | | |
| T 4 | 11 14 34 | 20°33'46 | 29°21 | 28°D42 | 6° 8 | 24°16 | 25°50 | 13°35 | 15°19 | 19°26 | 25°13 | 10° 8 | 8°57 | 16°27 | 8°49 | | | | | | | | |
| F 5 | 11 18 30 | 21°33'17 | 13♂32 | 28°46 | 7°11 | 25° 2 | 25°R50 | 13°39 | 15°18 | 19°24 | 25°14 | 10° 2 | 8°54 | 16°33 | 8°52 | | | | | | | | |
| S 6 | 11 22 27 | 22°32'46 | 27°47 | 28°55 | 8°13 | 25°49 | 25°50 | 13°43 | 15°17 | 19°23 | 25°16 | 9°58 | 8°51 | 16°40 | 8°56 | | | | | | | | |
| S 7 | 11 26 23 | 23°32'12 | 12♂1 | 29°10 | 9°15 | 26°36 | 25°49 | 13°47 | 15°17 | 19°21 | 25°17 | 9°55 | 8°48 | 16°47 | 9° 0 | | | | | | | | |
| M 8 | 11 30 20 | 24°31'36 | 26°11 | 29°31 | 10°17 | 27°23 | 25°49 | 13°50 | 15°16 | 19°19 | 25°18 | 9°D55 | 8°44 | 16°53 | 9° 4 | | | | | | | | |
| T 9 | 11 34 16 | 25°30'57 | 10♁16 | 29°55 | 11°18 | 28°10 | 25°48 | 13°54 | 15°16 | 19°18 | 25°19 | 9°55 | 8°41 | 17° 0 | 9° 7 | | | | | | | | |
| W10 | 11 38 13 | 26°30'17 | 24°16 | 0♂25 | 12°19 | 28°57 | 25°47 | 13°58 | 15°16 | 19°16 | 25°20 | 9°57 | 8°38 | 17° 7 | 9°11 | | | | | | | | |
| T11 | 11 42 9 | 27°29'33 | 8♂8 | 0°59 | 13°19 | 29°44 | 25°46 | 14° 1 | 15°15 | 19°14 | 25°21 | 9°R57 | 8°35 | 17°13 | 9°15 | | | | | | | | |
| F12 | 11 46 6 | 28°28'48 | 21°52 | 1°37 | 14°19 | 0♂31 | 25°45 | 14° 5 | 15°15 | 19°13 | 25°22 | 9°57 | 8°32 | 17°20 | 9°18 | | | | | | | | |
| S13 | 11 50 3 | 29°28'00 | 5♃27 | 2°19 | 15°19 | 1°18 | 25°44 | 14° 8 | 15°15 | 19°11 | 25°23 | 9°54 | 8°29 | 17°27 | 9°22 | | | | | | | | |
| S14 | 11 53 59 | 0°Y27'09 | 18°51 | 3° 4 | 16°18 | 2° 5 | 25°42 | 14°11 | 15°15 | 19°10 | 25°24 | 9°49 | 8°25 | 17°34 | 9°25 | | | | | | | | |
| M15 | 11 57 56 | 1°26'17 | 2♁2 | 3°53 | 17°17 | 2°51 | 25°40 | 14°14 | 15°15 | 19° 8 | 25°25 | 9°42 | 8°22 | 17°40 | 9°29 | | | | | | | | |
| T16 | 12 1 52 | 2°25'23 | 15° 0 | 4°45 | 18°15 | 3°38 | 25°38 | 14°18 | 15°D14 | 19° 6 | 25°26 | 9°33 | 8°19 | 17°47 | 9°33 | | | | | | | | |
| W17 | 12 5 49 | 3°24'26 | 27°42 | 5°40 | 19°13 | 4°25 | 25°36 | 14°21 | 15°14 | 19° 5 | 25°27 | 9°23 | 8°16 | 17°54 | 9°36 | | | | | | | | |
| T18 | 12 9 45 | 4°23'28 | 10♃9 | 6°39 | 20°10 | 5°12 | 25°34 | 14°24 | 15°15 | 19° 3 | 25°28 | 9°13 | 8°13 | 18° 0 | 9°40 | | | | | | | | |
| F19 | 12 13 42 | 5°22'28 | 22°23 | 7°40 | 21° 7 | 5°59 | 25°31 | 14°26 | 15°15 | 19° 2 | 25°29 | 9° 4 | 8° 9 | 18° 7 | 9°43 | | | | | | | | |
| S20 | 12 17 38 | 6°21'26 | 4♂25 | 8°43 | 22° 3 | 6°45 | 25°29 | 14°29 | 15°15 | 19° 0 | 25°30 | 8°57 | 8° 6 | 18°14 | 9°47 | | | | | | | | |
| S21 | 12 21 35 | 7°20'22 | 16°20 | 9°50 | 22°58 | 7°32 | 25°26 | 14°32 | 15°15 | 18°58 | 25°31 | 8°53 | 8° 3 | 18°20 | 9°50 | | | | | | | | |
| M22 | 12 25 32 | 8°19'16 | 28°10 | 10°58 | 23°54 | 8°19 | 25°23 | 14°34 | 15°15 | 18°57 | 25°32 | 8°50 | 8° 0 | 18°27 | 9°54 | | | | | | | | |
| T23 | 12 29 28 | 9°18'09 | 10♂2 | 12° 9 | 24°48 | 9° 6 | 25°20 | 14°37 | 15°16 | 18°55 | 25°32 | 8°D50 | 7°57 | 18°34 | 9°57 | | | | | | | | |
| W24 | 12 33 25 | 10°17'00 | 21°59 | 13°22 | 25°42 | 9°52 | 25°16 | 14°39 | 15°16 | 18°54 | 25°33 | 8°50 | 7°54 | 18°40 | 10° 0 | | | | | | | | |
| T25 | 12 37 21 | 11°15'49 | 4♁9 | 14°38 | 26°35 | 10°39 | 25°13 | 14°42 | 15°16 | 18°52 | 25°34 | 8°R51 | 7°50 | 18°47 | 10° 4 | | | | | | | | |
| F26 | 12 41 18 | 12°14'36 | 16°35 | 15°55 | 27°28 | 11°26 | 25° 9 | 14°44 | 15°17 | 18°51 | 25°35 | 8°51 | 7°47 | 18°54 | 10° 7 | | | | | | | | |
| S27 | 12 45 14 | 13°13'21 | 29°21 | 17°14 | 28°20 | 12°12 | 25° 5 | 14°46 | 15°18 | 18°49 | 25°35 | 8°49 | 7°44 | 19° 1 | 10°10 | | | | | | | | |
| S28 | 12 49 11 | 14°12'05 | 12♂32 | 18°36 | 29°11 | 12°59 | 25° 1 | 14°48 | 15°18 | 18°48 | 25°36 | 8°44 | 7°41 | 19° 7 | 10°14 | | | | | | | | |
| M29 | 12 53 7 | 15°10'46 | 26° 7 | 19°59 | 0♂2 | 13°46 | 24°57 | 14°50 | 15°19 | 18°46 | 25°36 | 8°37 | 7°38 | 19°14 | 10°17 | | | | | | | | |
| T30 | 12 57 4 | 16° 9'26 | 10°Y6 | 21°24 | 0°52 | 14°32 | 24°53 | 14°52 | 15°19 | 18°45 | 25°37 | 8°28 | 7°35 | 19°21 | 10°20 | | | | | | | | |
| W31 | 13 1 0 | 17°Y8'04 | 24°Y24 | 22♂51 | 1♂41 | 15♂19 | 24♃48 | 14♄53 | 15°E20 | 18♃44 | 25♅38 | 8♁18 | 7♁31 | 19♁27 | 10♂23 | | | | | | | | |

Delta T = 08m22s Julian Calendar 1 March 1283 == Greg. Calendar 8 March 1283

APRIL 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|-----|----------|----------|-------|-------|-------|-------|--------|-------|--------|--------|--------|-------|------|-------|-------|---|---|---|---|---|---|---|---|
| T 1 | 13 4 57 | 18°Y6'40 | 8♂56 | 24♂20 | 2♂29 | 16♂5 | 24°R43 | 14♄55 | 15°E21 | 18°R42 | 25♅38 | 8°R7 | 7♁28 | 19♁34 | 10♂27 | | | | | | | | |
| F 2 | 13 8 54 | 19° 5'14 | 23°35 | 25°51 | 3°17 | 16°52 | 24♃38 | 14°57 | 15°22 | 18♃41 | 25°39 | 7♁58 | 7°25 | 19°41 | 10°30 | | | | | | | | |
| S 3 | 13 12 50 | 20° 3'46 | 8♂13 | 27°23 | 4° 3 | 17°38 | 24°33 | 14°58 | 15°23 | 18°39 | 25°39 | 7°50 | 7°22 | 19°47 | 10°33 | | | | | | | | |
| S 4 | 13 16 47 | 21° 2'15 | 22°44 | 28°57 | 4°49 | 18°25 | 24°28 | 14°59 | 15°24 | 18°38 | 25°40 | 7°45 | 7°19 | 19°54 | 10°36 | | | | | | | | |
| M 5 | 13 20 43 | 22° 0'43 | 7♁3 | 0°Y33 | 5°34 | 19°11 | 24°23 | 15° 1 | 15°25 | 18°37 | 25°40 | 7°42 | 7°15 | 20° 1 | 10°39 | | | | | | | | |
| T 6 | 13 24 40 | 22°59'08 | 21° 9 | 2°11 | 6°18 | 19°57 | 24°18 | 15° 2 | 15°26 | 18°35 | 25°40 | 7°D41 | 7°12 | 20° 7 | 10°42 | | | | | | | | |
| W 7 | 13 28 36 | 23°57'31 | 5♂0 | 3°50 | 7° 1 | 20°44 | 24°12 | 15° 3 | 15°27 | 18°34 | 25°41 | 7°R41 | 7° 9 | 20°14 | 10°45 | | | | | | | | |
| T 8 | 13 32 33 | 24°55'52 | 18°38 | 5°31 | 7°42 | 21°30 | 24° 6 | 15° 4 | 15°28 | 18°33 | 25°41 | 7°41 | 7° 6 | 20°21 | 10°48 | | | | | | | | |
| F 9 | 13 36 30 | 25°54'11 | 2♃2 | 7°14 | 8°23 | 22°16 | 24° 0 | 15° 5 | 15°29 | 18°32 | 25°41 | 7°39 | 7° 3 | 20°27 | 10°51 | | | | | | | | |
| S10 | 13 40 26 | 26°52'27 | 15°15 | 8°58 | 9° 3 | 23° 2 | 23°55 | 15° 5 | 15°31 | 18°30 | 25°42 | 7°35 | 7° 0 | 20°34 | 10°54 | | | | | | | | |
| S11 | 13 44 23 | 27°50'42 | 28°16 | 10°44 | 9°41 | 23°49 | 23°48 | 15° 6 | 15°32 | 18°29 | 25°42 | 7°28 | 6°56 | 20°41 | 10°57 | | | | | | | | |
| M12 | 13 48 19 | 28°48'54 | 11♁6 | 12°32 | 10°18 | 24°35 | 23°42 | 15° 7 | 15°33 | 18°28 | 25°42 | 7°17 | 6°53 | 20°48 | 11° 0 | | | | | | | | |
| T13 | 13 52 16 | 29°47'05 | 23°45 | 14°22 | 10°54 | 25°21 | 23°36 | 15° 7 | 15°35 | 18°27 | 25°42 | 7° 5 | 6°50 | 20°54 | 11° 2 | | | | | | | | |
| W14 | 13 56 12 | 0♂45'14 | 6♃13 | 16°14 | 11°29 | 26° 7 | 23°30 | 15° 7 | 15°36 | 18°26 | 25°43 | 6°52 | 6°47 | 21° 1 | 11° 5 | | | | | | | | |
| T15 | 14 0 9 | 1°43'21 | 18°31 | 18° 7 | 12° 2 | 26°53 | 23°23 | 15° 8 | 15°38 | 18°24 | 25°43 | 6°38 | 6°44 | 21° 8 | 11° 8 | | | | | | | | |
| F16 | 14 4 5 | 2°41'27 | 0♂37 | 20° 2 | 12°34 | 27°39 | 23°16 | 15° 8 | 15°39 | 18°23 | 25°43 | 6°26 | 6°41 | 21°14 | 11°10 | | | | | | | | |
| S17 | 14 8 2 | 3°39'31 | 12°36 | 21°59 | 13° 4 | 28°25 | 23°10 | 15°R8 | 15°41 | 18°22 | 25°43 | 6°16 | 6°37 | 21°21 | 11°13 | | | | | | | | |
| S18 | 14 11 58 | 4°37'34 | 24°28 | 23°58 | 13°33 | 29°11 | 23° 3 | 15° 8 | 15°43 | 18°21 | 25°43 | 6° 9 | 6°34 | 21°28 | 11°16 | | | | | | | | |
| M19 | 14 15 55 | 5°35'35 | 6♂17 | 25°58 | 14° 0 | 29°57 | 22°56 | 15° 8 | 15°44 | 18°20 | 25°43 | 6° 4 | 6°31 | 21°34 | 11°18 | | | | | | | | |
| T20 | 14 19 52 | 6°33'34 | 18° 7 | 28° 0 | 14°26 | 0°Y43 | 22°49 | 15° 8 | 15°46 | 18°19 | 25°R43 | 6° 1 | 6°28 | 21°41 | 11°21 | | | | | | | | |
| W21 | 14 23 48 | 7°31'33 | 0♁3 | 0♂3 | 14°50 | 1°29 | 22°42 | 15° 7 | 15°48 | 18°18 | 25°43 | 6° 1 | 6°25 | 21°48 | 11°23 | | | | | | | | |
| T22 | 14 27 45 | 8°29'30 | 12°11 | 2° 8 | 15°12 | 2°15 | 22°35 | 15° 7 | 15°50 | 18°17 | 25°43 | 6° 1 | 6°21 | 21°54 | 11°26 | | | | | | | | |
| F23 | 14 31 41 | 9°27'25 | 24°35 | 4°15 | 15°33 | 3° 0 | 22°28 | 15° 6 | 15°52 | 18°16 | 25°43 | 6° 0 | 6°18 | 22° 1 | 11°28 | | | | | | | | |
| S24 | 14 35 38 | 10°25'19 | 7♂21 | 6°22 | 15°51 | 3°46 | 22°20 | 15° 6 | 15°54 | 18°16 | 25°43 | 5°58 | 6°15 | 22° 8 | 11°30 | | | | | | | | |
| S25 | 14 39 34 | 11°23'12 | 20°33 | 8°31 | 16° 8 | 4°32 | 22°13 | 15° 5 | 15°56 | 18°15 | 25°43 | 5°54 | 6°12 | 22°14 | 11°33 | | | | | | | | |
| M26 | 14 43 31 | 12°21'04 | 4°Y14 | 10°41 | 16°23 | 5°17 | 22° 6 | 15° 4 | 15°58 | 18°14 | 25°42 | 5°47 | 6° 9 | 22°21 | 11°35 | | | | | | | | |
| T27 | 14 47 27 | 13°18'54 | 18°22 | 12°51 | 16°35 | 6° 3 | 21°58 | 15° 4 | 16° 0 | 18°13 | 25°42 | 5°38 | 6° 6 | 22°28 | 11°37 | | | | | | | | |
| W28 | 14 51 24 | 14°16'43 | 2♂55 | 15° 2 | 16°46 | 6°49 | 21°51 | 15° 3 | 16° 2 | 18°12 | 25°42 | 5°27 | 6° 2 | 22°34 | 11°39 | | | | | | | | |

SWISS EPHEMERIS for the year 1283

MAY 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|----------|-------|-------|--------|-------|--------|--------|-------|--------|--------|-------|------|-------|-------|---|---|
| S 1 | 15 3 14 | 17♁10'02 | 17♂47 | 21♁35 | 17♂ 5 | 9♁ 5 | 21°R28 | 14°R59 | 16♁ 8 | 18°R10 | 25°R41 | 4°R57 | 5♁53 | 22♁55 | 11♁46 | | |
| S 2 | 15 7 10 | 18° 7'45 | 2♁39 | 23°46 | 17°R 6 | 9°50 | 21♂20 | 14♁58 | 16°11 | 18♁ 9 | 25♁41 | 4♁52 | 5°50 | 23° 1 | 11°47 | | |
| M 3 | 15 11 7 | 19° 5'27 | 17°15 | 25°55 | 17° 6 | 10°36 | 21°13 | 14°56 | 16°13 | 18° 9 | 25°41 | 4°49 | 5°47 | 23° 8 | 11°49 | | |
| T 4 | 15 15 3 | 20° 3'07 | 1♁31 | 28° 3 | 17° 3 | 11°21 | 21° 5 | 14°55 | 16°15 | 18° 8 | 25°40 | 4°D48 | 5°43 | 23°15 | 11°51 | | |
| W 5 | 15 19 0 | 21° 0'45 | 15°26 | 0♂10 | 16°57 | 12° 6 | 20°57 | 14°53 | 16°18 | 18° 8 | 25°40 | 4°R48 | 5°40 | 23°21 | 11°53 | | |
| T 6 | 15 22 57 | 21°58'22 | 29° 1 | 2°16 | 16°49 | 12°51 | 20°50 | 14°51 | 16°20 | 18° 7 | 25°39 | 4°48 | 5°37 | 23°28 | 11°55 | | |
| F 7 | 15 26 53 | 22°55'57 | 12♁17 | 4°19 | 16°39 | 13°36 | 20°42 | 14°50 | 16°23 | 18° 7 | 25°39 | 4°46 | 5°34 | 23°35 | 11°57 | | |
| S 8 | 15 30 50 | 23°53'31 | 25°16 | 6°20 | 16°26 | 14°21 | 20°35 | 14°48 | 16°25 | 18° 6 | 25°38 | 4°43 | 5°31 | 23°41 | 11°58 | | |
| S 9 | 15 34 46 | 24°51'03 | 8♁ 2 | 8°20 | 16°11 | 15° 6 | 20°27 | 14°46 | 16°28 | 18° 6 | 25°38 | 4°36 | 5°27 | 23°48 | 12° 0 | | |
| M10 | 15 38 43 | 25°48'34 | 20°35 | 10°17 | 15°53 | 15°51 | 20°19 | 14°44 | 16°30 | 18° 5 | 25°37 | 4°28 | 5°24 | 23°55 | 12° 2 | | |
| T 11 | 15 42 39 | 26°46'04 | 2♂58 | 12°11 | 15°33 | 16°36 | 20°12 | 14°42 | 16°33 | 18° 5 | 25°37 | 4°17 | 5°21 | 24° 1 | 12° 3 | | |
| W12 | 15 46 36 | 27°43'32 | 15°12 | 14° 3 | 15°11 | 17°21 | 20° 4 | 14°39 | 16°36 | 18° 5 | 25°36 | 4° 5 | 5°18 | 24° 8 | 12° 5 | | |
| T 13 | 15 50 32 | 28°40'59 | 27°18 | 15°52 | 14°47 | 18° 6 | 19°57 | 14°37 | 16°38 | 18° 4 | 25°36 | 3°53 | 5°15 | 24°15 | 12° 6 | | |
| F 14 | 15 54 29 | 29°38'26 | 9♁17 | 17°39 | 14°21 | 18°51 | 19°49 | 14°35 | 16°41 | 18° 4 | 25°35 | 3°42 | 5°12 | 24°21 | 12° 7 | | |
| S 15 | 15 58 25 | 0♂35'51 | 21°10 | 19°23 | 13°52 | 19°35 | 19°42 | 14°32 | 16°44 | 18° 4 | 25°34 | 3°33 | 5° 8 | 24°28 | 12° 9 | | |
| S 16 | 16 2 22 | 1°33'15 | 2♁59 | 21° 4 | 13°22 | 20°20 | 19°34 | 14°30 | 16°47 | 18° 3 | 25°34 | 3°27 | 5° 5 | 24°35 | 12°10 | | |
| M17 | 16 6 19 | 2°30'39 | 14°47 | 22°42 | 12°50 | 21° 5 | 19°27 | 14°27 | 16°50 | 18° 3 | 25°33 | 3°23 | 5° 2 | 24°41 | 12°11 | | |
| T 18 | 16 10 15 | 3°28'02 | 26°38 | 24°18 | 12°17 | 21°49 | 19°20 | 14°24 | 16°53 | 18° 3 | 25°32 | 3°21 | 4°59 | 24°48 | 12°13 | | |
| W19 | 16 14 12 | 4°25'24 | 8♁35 | 25°51 | 11°42 | 22°34 | 19°13 | 14°21 | 16°55 | 18° 3 | 25°32 | 3°D21 | 4°56 | 24°55 | 12°14 | | |
| T 20 | 16 18 8 | 5°22'45 | 20°42 | 27°21 | 11° 7 | 23°18 | 19° 6 | 14°19 | 16°58 | 18° 3 | 25°31 | 3°21 | 4°53 | 25° 1 | 12°15 | | |
| F 21 | 16 22 5 | 6°20'06 | 3♁ 5 | 28°48 | 10°30 | 24° 3 | 18°59 | 14°16 | 17° 1 | 18° 3 | 25°30 | 3°R22 | 4°49 | 25° 8 | 12°16 | | |
| S 22 | 16 26 1 | 7°17'26 | 15°49 | 0♁12 | 9°53 | 24°47 | 18°52 | 14°13 | 17° 4 | 18° 3 | 25°29 | 3°22 | 4°46 | 25°15 | 12°17 | | |
| S 23 | 16 29 58 | 8°14'46 | 28°58 | 1°33 | 9°15 | 25°31 | 18°45 | 14°10 | 17° 7 | 18°D 3 | 25°28 | 3°20 | 4°43 | 25°21 | 12°18 | | |
| M24 | 16 33 55 | 9°12'05 | 12♁35 | 2°51 | 8°38 | 26°15 | 18°38 | 14° 6 | 17°10 | 18° 3 | 25°28 | 3°16 | 4°40 | 25°28 | 12°18 | | |
| T 25 | 16 37 51 | 10° 9'24 | 26°41 | 4° 6 | 8° 0 | 26°59 | 18°31 | 14° 3 | 17°13 | 18° 3 | 25°27 | 3°10 | 4°37 | 25°35 | 12°19 | | |
| W26 | 16 41 48 | 11° 6'43 | 11♁14 | 5°18 | 7°23 | 27°44 | 18°25 | 14° 0 | 17°17 | 18° 3 | 25°26 | 3° 3 | 4°33 | 25°42 | 12°20 | | |
| T 27 | 16 45 44 | 12° 4'01 | 26°10 | 6°26 | 6°47 | 28°28 | 18°18 | 13°57 | 17°20 | 18° 3 | 25°25 | 2°55 | 4°30 | 25°48 | 12°21 | | |
| F 28 | 16 49 41 | 13° 1'18 | 11♂20 | 7°32 | 6°11 | 29°12 | 18°12 | 13°53 | 17°23 | 18° 3 | 25°24 | 2°48 | 4°27 | 25°55 | 12°21 | | |
| S 29 | 16 53 37 | 13°58'35 | 26°33 | 8°34 | 5°36 | 29°55 | 18° 6 | 13°50 | 17°26 | 18° 3 | 25°23 | 2°42 | 4°24 | 26° 2 | 12°22 | | |
| S 30 | 16 57 34 | 14°55'51 | 11♁40 | 9°33 | 5° 2 | 0♁39 | 17°59 | 13°46 | 17°29 | 18° 4 | 25°22 | 2°38 | 4°21 | 26° 8 | 12°23 | | |
| M31 | 17 1 30 | 15♂53'07 | 26♁32 | 10♁28 | 4♂30 | 1♁23 | 17♂53 | 13♁43 | 17♁33 | 18♁ 4 | 25♁21 | 2°D37 | 4♁18 | 26♁15 | 12♁23 | | |

Delta T = 08m22s Julian Calendar 1 May 1283 == Greg. Calendar 8 May 1283

JUNE 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|----------|-------|--------|-------|-------|--------|--------|-------|-------|--------|-------|------|-------|--------|---|---|
| T 1 | 17 5 27 | 16♂50'22 | 11♁ 2 | 11♁20 | 4°R 0 | 2♁ 7 | 17°R47 | 13°R39 | 17♁36 | 18♁ 4 | 25°R20 | 2♁37 | 4♁14 | 26♁22 | 12♁23 | | |
| W 2 | 17 9 24 | 17°47'36 | 25° 8 | 12° 9 | 3♂31 | 2°50 | 17♂42 | 13♁35 | 17°39 | 18° 5 | 25♁19 | 2°38 | 4°11 | 26°28 | 12°24 | | |
| T 3 | 17 13 20 | 18°44'49 | 8♁48 | 12°53 | 3° 4 | 3°34 | 17°36 | 13°31 | 17°42 | 18° 5 | 25°18 | 2°39 | 4° 8 | 26°35 | 12°24 | | |
| F 4 | 17 17 17 | 19°42'01 | 22° 6 | 13°34 | 2°39 | 4°17 | 17°30 | 13°28 | 17°46 | 18° 5 | 25°17 | 2°R39 | 4° 5 | 26°42 | 12°24 | | |
| S 5 | 17 21 13 | 20°39'13 | 5♁ 2 | 14°10 | 2°16 | 5° 1 | 17°25 | 13°24 | 17°49 | 18° 6 | 25°16 | 2°38 | 4° 2 | 26°48 | 12°25 | | |
| S 6 | 17 25 10 | 21°36'24 | 17°40 | 14°43 | 1°55 | 5°44 | 17°20 | 13°20 | 17°52 | 18° 6 | 25°15 | 2°35 | 3°59 | 26°55 | 12°25 | | |
| M 7 | 17 29 6 | 22°33'35 | 0♂ 4 | 15°11 | 1°37 | 6°28 | 17°15 | 13°16 | 17°56 | 18° 7 | 25°14 | 2°31 | 3°55 | 27° 2 | 12°25 | | |
| T 8 | 17 33 3 | 23°30'45 | 12°16 | 15°35 | 1°21 | 7°11 | 17°10 | 13°12 | 17°59 | 18° 7 | 25°12 | 2°25 | 3°52 | 27° 8 | 12°R25 | | |
| W 9 | 17 36 59 | 24°27'55 | 24°20 | 15°55 | 1° 7 | 7°54 | 17° 5 | 13° 8 | 18° 3 | 18° 8 | 25°11 | 2°18 | 3°49 | 27°15 | 12°25 | | |
| T 10 | 17 40 56 | 25°25'05 | 6♁17 | 16°10 | 0°56 | 8°37 | 17° 0 | 13° 4 | 18° 6 | 18° 8 | 25°10 | 2°12 | 3°46 | 27°22 | 12°25 | | |
| F 11 | 17 44 53 | 26°22'14 | 18° 9 | 16°20 | 0°47 | 9°20 | 16°56 | 13° 0 | 18°10 | 18° 9 | 25° 9 | 2° 6 | 3°43 | 27°28 | 12°25 | | |
| S 12 | 17 48 49 | 27°19'23 | 29°59 | 16°26 | 0°40 | 10° 3 | 16°51 | 12°56 | 18°13 | 18° 9 | 25° 8 | 2° 1 | 3°39 | 27°35 | 12°24 | | |
| S 13 | 17 52 46 | 28°16'32 | 11♁48 | 16°R28 | 0°36 | 10°46 | 16°47 | 12°51 | 18°17 | 18°10 | 25° 7 | 1°57 | 3°36 | 27°42 | 12°24 | | |
| M14 | 17 56 42 | 29°13'41 | 23°39 | 16°24 | 0°D34 | 11°29 | 16°43 | 12°47 | 18°20 | 18°11 | 25° 5 | 1°55 | 3°33 | 27°48 | 12°24 | | |
| T 15 | 18 0 39 | 0♁10'50 | 5♁34 | 16°16 | 0°35 | 12°11 | 16°39 | 12°43 | 18°24 | 18°12 | 25° 4 | 1°D55 | 3°30 | 27°55 | 12°24 | | |
| W16 | 18 4 35 | 1° 7'59 | 17°35 | 16° 4 | 0°38 | 12°54 | 16°36 | 12°39 | 18°27 | 18°12 | 25° 3 | 1°56 | 3°27 | 28° 2 | 12°23 | | |
| T 17 | 18 8 32 | 2° 5'09 | 29°47 | 15°47 | 0°43 | 13°37 | 16°32 | 12°34 | 18°31 | 18°13 | 25° 2 | 1°58 | 3°24 | 28° 8 | 12°23 | | |
| F 18 | 18 12 28 | 3° 2'18 | 12♁13 | 15°26 | 0°50 | 14°19 | 16°29 | 12°30 | 18°34 | 18°14 | 25° 0 | 1°59 | 3°20 | 28°15 | 12°22 | | |
| S 19 | 18 16 25 | 3°59'28 | 24°58 | 15° 2 | 0°59 | 15° 2 | 16°26 | 12°26 | 18°38 | 18°15 | 24°59 | 2° 0 | 3°17 | 28°22 | 12°22 | | |
| S 20 | 18 20 22 | 4°56'38 | 8♁ 4 | 14°33 | 1°11 | 15°44 | 16°23 | 12°21 | 18°41 | 18°16 | 24°58 | 2°R 1 | 3°14 | 28°28 | 12°21 | | |
| M21 | 18 24 18 | 5°53'49 | 21°35 | 14° 2 | 1°25 | 16°26 | 16°20 | 12°17 | 18°45 | 18°17 | 24°56 | 2° 0 | 3°11 | 28°35 | 12°20 | | |
| T 22 | 18 28 15 | 6°51'00 | 5♁33 | 13°28 | 1°40 | 17° 9 | 16°17 | 12°13 | 18°49 | 18°18 | 24°55 | 1°58 | 3° 8 | 28°42 | 12°20 | | |
| W23 | 18 32 11 | 7°48'12 | 19°56 | 12°52 | 1°58 | 17°51 | 16°14 | 12° 8 | 18°52 | 18°19 | 24°54 | 1°55 | 3° 4 | 28°48 | 12°19 | | |
| T 24 | 18 36 8 | 8°45'25 | 4♂43 | 12°14 | 2°17 | 18°33 | 16°12 | 12° 4 | 18°56 | 18°20 | 24°52 | 1°52 | 3° 1 | 28°55 | 12°18 | | |
| F 25 | 18 40 4 | 9°42'37 | 19°46 | 11°35 | 2°38 | 19°15 | 16°10 | 11°59 | 18°59 | 18°21 | 24°51 | 1°49 | 2°58 | 29° 2 | 12°17 | | |
| S 26 | 18 44 1 | 10°39'51 | 4♁56 | 10°56 | 3° 1 | 19°57 | 16° 8 | 11°55 | 19° 3 | 18°22 | 24°50 | 1°47 | 2°55 | 29° 8 | 12°16 | | |
| S 27 | 18 47 58 | 11°37'04 | 20° 6 | 10°17 | 3°26 | 20°39 | 16° 6 | 11°51 | 19° 7 | 18°23 | 24°48 | 1°46 | 2°52 | 29°15 | 12°15 | | |
| M28 | 18 51 54 | 12°34'18 | 5♁ 4 | 9°39 | 3°52 | 21°21 | 16° 5 | 11°46 | 19°10 | 18°24 | 24°47 | 1°D45 | 2°49 | 29°22 | 12°14 | | |
| T 29 | 18 55 51 | 13°31'33 | 19°44 | 9° 3 | 4°20 | 22° 2 | 16° 3 | 11°42 | 19°14 | 18°25 | 24°46 | 1°46 | 2°45 | 29°28 | 12°13 | | |
| W30 | 18 59 47 | 14♁28'47 | 4♁ 0 | 8♁29 | 4♂49 | 22♁44 | 16♂ 2 | 11♁37 | 19♁18 | 18♁26 | 24♁44 | 1♁47 | 2♁42 | 29♁35 | 12♁12 | | |

Delta T = 08m22s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1283

JULY 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|--------------------|-------------------|--------------------|---------------------|
| T 1 | 19 3 44 | 15 ^o 26'01 | 17 ^m 49 | 7 ^o R58 | 5 ^{II} 19 | 23 ^o 26 | 16 ^o R 1 | 11 ^o R33 | 19 ^o 21 | 18 ^m 27 | 24 ^o R43 | 1 ^o 48 | 2 ^o 39 | 29 ^o 42 | 12 ^o R11 |
| F 2 | 19 7 40 | 16 ^o 23'16 | 1 ^h 13 | 7 ^o 31 | 5 ^o 51 | 24 ^o 7 | 16 ^m 0 | 11 ^o 28 | 19 ^o 25 | 18 ^o 29 | 24 ^o 42 | 1 ^o 49 | 2 ^o 36 | 29 ^o 48 | 12 ^o H10 |
| S 3 | 19 11 37 | 17 ^o 20'31 | 14 ^o 12 | 7 ^o 8 | 6 ^o 25 | 24 ^o 48 | 15 ^o 59 | 11 ^o 24 | 19 ^o 29 | 18 ^o 30 | 24 ^o 40 | 1 ^o R50 | 2 ^o 33 | 29 ^o 55 | 12 ^o 8 |
| S 4 | 19 15 33 | 18 ^o 17'47 | 26 ^o 50 | 6 ^o 49 | 6 ^o 59 | 25 ^o 30 | 15 ^o 59 | 11 ^o 20 | 19 ^o 32 | 18 ^o 31 | 24 ^o 39 | 1 ^o 50 | 2 ^o 30 | 0 ^o 2 | 12 ^o 7 |
| M 5 | 19 19 30 | 19 ^o 15'02 | 9 ^m 11 | 6 ^o 36 | 7 ^o 35 | 26 ^o 11 | 15 ^o 58 | 11 ^o 15 | 19 ^o 36 | 18 ^o 32 | 24 ^o 37 | 1 ^o 49 | 2 ^o 26 | 0 ^o 8 | 12 ^o 6 |
| T 6 | 19 23 27 | 20 ^o 12'18 | 21 ^o 19 | 6 ^o 27 | 8 ^o 12 | 26 ^o 52 | 15 ^o D58 | 11 ^o 11 | 19 ^o 40 | 18 ^o 34 | 24 ^o 36 | 1 ^o 48 | 2 ^o 23 | 0 ^o 15 | 12 ^o 4 |
| W 7 | 19 27 23 | 21 ^o 9'35 | 3 ^h 17 | 6 ^o D24 | 8 ^o 51 | 27 ^o 33 | 15 ^o 58 | 11 ^o 7 | 19 ^o 43 | 18 ^o 35 | 24 ^o 35 | 1 ^o 46 | 2 ^o 20 | 0 ^o 22 | 12 ^o 3 |
| T 8 | 19 31 20 | 22 ^o 6'52 | 15 ^o 9 | 6 ^o 27 | 9 ^o 30 | 28 ^o 14 | 15 ^o 58 | 11 ^o 2 | 19 ^o 47 | 18 ^o 37 | 24 ^o 33 | 1 ^o 45 | 2 ^o 17 | 0 ^o 28 | 12 ^o 1 |
| F 9 | 19 35 16 | 23 ^o 4'10 | 26 ^o 58 | 6 ^o 36 | 10 ^o 10 | 28 ^o 55 | 15 ^o 59 | 10 ^o 58 | 19 ^o 51 | 18 ^o 38 | 24 ^o 32 | 1 ^o 44 | 2 ^o 14 | 0 ^o 35 | 12 ^o 0 |
| S 10 | 19 39 13 | 24 ^o 1'28 | 8 ^o 48 | 6 ^o 51 | 10 ^o 52 | 29 ^o 36 | 15 ^o 59 | 10 ^o 54 | 19 ^o 54 | 18 ^o 39 | 24 ^o 30 | 1 ^o 43 | 2 ^o 11 | 0 ^o 42 | 11 ^o 58 |
| S 11 | 19 43 9 | 24 ^o 58'47 | 20 ^o 40 | 7 ^o 12 | 11 ^o 34 | 0 ^{II} 16 | 16 ^o 0 | 10 ^o 50 | 19 ^o 58 | 18 ^o 41 | 24 ^o 29 | 1 ^o 42 | 2 ^o 7 | 0 ^o 48 | 11 ^o 56 |
| M12 | 19 47 6 | 25 ^o 56'07 | 2 ^h 37 | 7 ^o 39 | 12 ^o 17 | 0 ^o 57 | 16 ^o 1 | 10 ^o 45 | 20 ^o 2 | 18 ^o 42 | 24 ^o 28 | 1 ^o D42 | 2 ^o 4 | 0 ^o 55 | 11 ^o 55 |
| T 13 | 19 51 2 | 26 ^o 53'28 | 14 ^o 40 | 8 ^o 12 | 13 ^o 2 | 1 ^o 38 | 16 ^o 2 | 10 ^o 41 | 20 ^o 5 | 18 ^o 44 | 24 ^o 26 | 1 ^o 42 | 2 ^o 1 | 1 ^o 2 | 11 ^o 53 |
| W14 | 19 54 59 | 27 ^o 50'49 | 26 ^o 53 | 8 ^o 51 | 13 ^o 47 | 2 ^o 18 | 16 ^o 4 | 10 ^o 37 | 20 ^o 9 | 18 ^o 45 | 24 ^o 25 | 1 ^o 43 | 1 ^o 58 | 1 ^o 8 | 11 ^o 51 |
| T 15 | 19 58 56 | 28 ^o 48'12 | 9 ^h 16 | 9 ^o 37 | 14 ^o 33 | 2 ^o 58 | 16 ^o 5 | 10 ^o 33 | 20 ^o 13 | 18 ^o 47 | 24 ^o 23 | 1 ^o 43 | 1 ^o 55 | 1 ^o 15 | 11 ^o 49 |
| F 16 | 20 2 52 | 29 ^o 45'36 | 21 ^o 53 | 10 ^o 29 | 15 ^o 20 | 3 ^o 39 | 16 ^o 7 | 10 ^o 29 | 20 ^o 16 | 18 ^o 49 | 24 ^o 22 | 1 ^o 43 | 1 ^o 51 | 1 ^o 22 | 11 ^o 47 |
| S 17 | 20 6 49 | 0 ^h 43'01 | 4 ^h 45 | 11 ^o 26 | 16 ^o 8 | 4 ^o 19 | 16 ^o 9 | 10 ^o 25 | 20 ^o 20 | 18 ^o 50 | 24 ^o 21 | 1 ^o 43 | 1 ^o 48 | 1 ^o 28 | 11 ^o 45 |
| S 18 | 20 10 45 | 1 ^o 40'27 | 17 ^o 55 | 12 ^o 29 | 16 ^o 56 | 4 ^o 59 | 16 ^o 11 | 10 ^o 21 | 20 ^o 24 | 18 ^o 52 | 24 ^o 19 | 1 ^o R43 | 1 ^o 45 | 1 ^o 35 | 11 ^o 43 |
| M19 | 20 14 42 | 2 ^o 37'54 | 1 ^h 24 | 13 ^o 38 | 17 ^o 45 | 5 ^o 39 | 16 ^o 13 | 10 ^o 17 | 20 ^o 27 | 18 ^o 53 | 24 ^o 18 | 1 ^o D43 | 1 ^o 42 | 1 ^o 42 | 11 ^o 41 |
| T 20 | 20 18 38 | 3 ^o 35'23 | 15 ^o 14 | 14 ^o 53 | 18 ^o 35 | 6 ^o 19 | 16 ^o 15 | 10 ^o 13 | 20 ^o 31 | 18 ^o 55 | 24 ^o 16 | 1 ^o 43 | 1 ^o 39 | 1 ^o 48 | 11 ^o 39 |
| W21 | 20 22 35 | 4 ^o 32'53 | 29 ^o 24 | 16 ^o 12 | 19 ^o 26 | 6 ^o 59 | 16 ^o 18 | 10 ^o 9 | 20 ^o 34 | 18 ^o 57 | 24 ^o 15 | 1 ^o 43 | 1 ^o 36 | 1 ^o 55 | 11 ^o 37 |
| T 22 | 20 26 31 | 5 ^o 30'25 | 13 ^{II} 54 | 17 ^o 37 | 20 ^o 17 | 7 ^o 38 | 16 ^o 20 | 10 ^o 6 | 20 ^o 38 | 18 ^o 58 | 24 ^o 14 | 1 ^o 44 | 1 ^o 32 | 2 ^o 2 | 11 ^o 35 |
| F 23 | 20 30 28 | 6 ^o 27'58 | 28 ^o 38 | 19 ^o 7 | 21 ^o 9 | 8 ^o 18 | 16 ^o 23 | 10 ^o 2 | 20 ^o 42 | 19 ^o 0 | 24 ^o 12 | 1 ^o 44 | 1 ^o 29 | 2 ^o 8 | 11 ^o 33 |
| S 24 | 20 34 25 | 7 ^o 25'33 | 13 ^o 32 | 20 ^o 41 | 22 ^o 2 | 8 ^o 58 | 16 ^o 26 | 9 ^o 58 | 20 ^o 45 | 19 ^o 2 | 24 ^o 11 | 1 ^o 45 | 1 ^o 26 | 2 ^o 15 | 11 ^o 31 |
| S 25 | 20 38 21 | 8 ^o 23'09 | 28 ^o 29 | 22 ^o 20 | 22 ^o 55 | 9 ^o 37 | 16 ^o 30 | 9 ^o 55 | 20 ^o 49 | 19 ^o 4 | 24 ^o 10 | 1 ^o R45 | 1 ^o 23 | 2 ^o 22 | 11 ^o 29 |
| M26 | 20 42 18 | 9 ^o 20'46 | 13 ^o 20 | 24 ^o 2 | 23 ^o 49 | 10 ^o 16 | 16 ^o 33 | 9 ^o 51 | 20 ^o 52 | 19 ^o 6 | 24 ^o 8 | 1 ^o 45 | 1 ^o 20 | 2 ^o 28 | 11 ^o 26 |
| T 27 | 20 46 14 | 10 ^o 18'24 | 27 ^o 57 | 25 ^o 48 | 24 ^o 43 | 10 ^o 56 | 16 ^o 37 | 9 ^o 47 | 20 ^o 56 | 19 ^o 7 | 24 ^o 7 | 1 ^o 44 | 1 ^o 17 | 2 ^o 35 | 11 ^o 24 |
| W28 | 20 50 11 | 11 ^o 16'04 | 12 ^m 16 | 27 ^o 37 | 25 ^o 38 | 11 ^o 35 | 16 ^o 40 | 9 ^o 44 | 20 ^o 59 | 19 ^o 9 | 24 ^o 6 | 1 ^o 43 | 1 ^o 13 | 2 ^o 42 | 11 ^o 22 |
| T 29 | 20 54 7 | 12 ^o 13'44 | 26 ^o 10 | 29 ^o 29 | 26 ^o 33 | 12 ^o 14 | 16 ^o 44 | 9 ^o 41 | 21 ^o 3 | 19 ^o 11 | 24 ^o 4 | 1 ^o 42 | 1 ^o 10 | 2 ^o 48 | 11 ^o 19 |
| F 30 | 20 58 4 | 13 ^o 11'26 | 9 ^h 39 | 1 ^h 23 | 27 ^o 29 | 12 ^o 53 | 16 ^o 48 | 9 ^o 37 | 21 ^o 6 | 19 ^o 13 | 24 ^o 3 | 1 ^o 41 | 1 ^o 7 | 2 ^o 55 | 11 ^o 17 |
| S 31 | 21 2 0 | 14 ^h 9'08 | 22 ^h 43 | 3 ^h 19 | 28 ^{II} 25 | 13 ^{II} 32 | 16 ^m 53 | 9 ^o 34 | 21 ^o 10 | 19 ^m 15 | 24 ^o 2 | 1 ^o 43 | 1 ^o 4 | 3 ^o 2 | 11 ^h 15 |

Delta T = 08m22s Julian Calendar 1 July 1283 == Greg. Calendar 8 July 1283

AUGUST 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|-------------------|-------------------|---------------------|
| S 1 | 21 5 57 | 15 ^h 6'52 | 5 ^m 25 | 5 ^h 17 | 29 ^{II} 22 | 14 ^{II} 10 | 16 ^m 57 | 9 ^o R31 | 21 ^o 13 | 19 ^m 17 | 24 ^o R 0 | 1 ^o R39 | 1 ^o 1 | 3 ^o 8 | 11 ^o R12 |
| M 2 | 21 9 54 | 16 ^o 4'37 | 17 ^o 46 | 7 ^o 16 | 0 ^o 19 | 14 ^o 49 | 17 ^o 2 | 9 ^o 28 | 21 ^o 17 | 19 ^o 19 | 23 ^o 59 | 1 ^o D38 | 0 ^o 57 | 3 ^o 15 | 11 ^h H10 |
| T 3 | 21 13 50 | 17 ^o 2'24 | 29 ^o 53 | 9 ^o 16 | 1 ^o 17 | 15 ^o 27 | 17 ^o 6 | 9 ^o 25 | 21 ^o 20 | 19 ^o 21 | 23 ^o 58 | 1 ^o 39 | 0 ^o 54 | 3 ^o 22 | 11 ^o 7 |
| W 4 | 21 17 47 | 18 ^o 0'11 | 11 ^h 50 | 11 ^o 16 | 2 ^o 15 | 16 ^o 6 | 17 ^o 11 | 9 ^o 22 | 21 ^o 23 | 19 ^o 23 | 23 ^o 57 | 1 ^o 40 | 0 ^o 51 | 3 ^o 28 | 11 ^o 5 |
| T 5 | 21 21 43 | 18 ^o 58'00 | 23 ^o 40 | 13 ^o 16 | 3 ^o 13 | 16 ^o 44 | 17 ^o 16 | 9 ^o 19 | 21 ^o 27 | 19 ^o 24 | 23 ^o 55 | 1 ^o 41 | 0 ^o 48 | 3 ^o 35 | 11 ^o 2 |
| F 6 | 21 25 40 | 19 ^o 55'50 | 5 ^h 29 | 15 ^o 17 | 4 ^o 12 | 17 ^o 22 | 17 ^o 22 | 9 ^o 16 | 21 ^o 30 | 19 ^o 26 | 23 ^o 54 | 1 ^o 43 | 0 ^o 45 | 3 ^o 42 | 10 ^o 59 |
| S 7 | 21 29 36 | 20 ^o 53'41 | 17 ^o 20 | 17 ^o 17 | 5 ^o 12 | 18 ^o 0 | 17 ^o 27 | 9 ^o 13 | 21 ^o 34 | 19 ^o 28 | 23 ^o 53 | 1 ^o 44 | 0 ^o 42 | 3 ^o 48 | 10 ^o 57 |
| S 8 | 21 33 33 | 21 ^o 51'34 | 29 ^o 18 | 19 ^o 16 | 6 ^o 11 | 18 ^o 38 | 17 ^o 33 | 9 ^o 11 | 21 ^o 37 | 19 ^o 31 | 23 ^o 52 | 1 ^o R45 | 0 ^o 38 | 3 ^o 55 | 10 ^o 54 |
| M 9 | 21 37 29 | 22 ^o 49'28 | 11 ^h 23 | 21 ^o 15 | 7 ^o 12 | 19 ^o 16 | 17 ^o 38 | 9 ^o 8 | 21 ^o 40 | 19 ^o 33 | 23 ^o 50 | 1 ^o 44 | 0 ^o 35 | 4 ^o 2 | 10 ^o 52 |
| T 10 | 21 41 26 | 23 ^o 47'24 | 23 ^o 40 | 23 ^o 14 | 8 ^o 12 | 19 ^o 54 | 17 ^o 44 | 9 ^o 6 | 21 ^o 43 | 19 ^o 35 | 23 ^o 49 | 1 ^o 43 | 0 ^o 32 | 4 ^o 8 | 10 ^o 49 |
| W11 | 21 45 23 | 24 ^o 45'21 | 6 ^h 8 | 25 ^o 11 | 9 ^o 13 | 20 ^o 32 | 17 ^o 50 | 9 ^o 3 | 21 ^o 47 | 19 ^o 37 | 23 ^o 48 | 1 ^o 40 | 0 ^o 29 | 4 ^o 15 | 10 ^o 46 |
| T 12 | 21 49 19 | 25 ^o 43'20 | 18 ^o 50 | 27 ^o 7 | 10 ^o 14 | 21 ^o 9 | 17 ^o 56 | 9 ^o 1 | 21 ^o 50 | 19 ^o 39 | 23 ^o 47 | 1 ^o 37 | 0 ^o 26 | 4 ^o 22 | 10 ^o 44 |
| F 13 | 21 53 16 | 26 ^o 41'21 | 1 ^h 45 | 29 ^o 2 | 11 ^o 16 | 21 ^o 47 | 18 ^o 2 | 8 ^o 58 | 21 ^o 53 | 19 ^o 41 | 23 ^o 46 | 1 ^o 33 | 0 ^o 22 | 4 ^o 28 | 10 ^o 41 |
| S 14 | 21 57 12 | 27 ^o 39'23 | 14 ^o 54 | 0 ^h 57 | 12 ^o 17 | 22 ^o 24 | 18 ^o 9 | 8 ^o 56 | 21 ^o 56 | 19 ^o 43 | 23 ^o 45 | 1 ^o 29 | 0 ^o 19 | 4 ^o 35 | 10 ^o 38 |
| S 15 | 22 1 9 | 28 ^o 37'28 | 28 ^o 16 | 2 ^o 50 | 13 ^o 20 | 23 ^o 1 | 18 ^o 15 | 8 ^o 54 | 21 ^o 59 | 19 ^o 45 | 23 ^o 44 | 1 ^o 26 | 0 ^o 16 | 4 ^o 42 | 10 ^o 35 |
| M16 | 22 5 5 | 29 ^o 35'34 | 11 ^h 52 | 4 ^o 41 | 14 ^o 22 | 23 ^o 38 | 18 ^o 22 | 8 ^o 52 | 22 ^o 2 | 19 ^o 47 | 23 ^o 43 | 1 ^o 24 | 0 ^o 13 | 4 ^o 48 | 10 ^o 33 |
| T 17 | 22 9 2 | 0 ^h 33'43 | 25 ^o 41 | 6 ^o 32 | 15 ^o 25 | 24 ^o 15 | 18 ^o 29 | 8 ^o | | | | | | | |

SWISS EPHEMERIS for the year 1283

SEPTEMBER 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|--------------------|-------------------|--------------------|--------------------|--------------------|-------------------|--------------------|---------------------|--------------------|--------------------|--------------------|-------------------|-------------------|
| W 1 | 23 8 10 | 15 ^{mp} 9'47 | 19 [♁] 56 | 1 [♁] 54 | 1 [♁] 39 | 3 [♁] 14 | 20 [♁] 28 | 8°R33 | 22 [♁] 48 | 20 [♁] 22 | 23°R28 | 0 [♁] 49 | 29 [♁] 22 | 6 [♁] 35 | 9°R48 |
| T 2 | 23 12 7 | 16° 8'26 | 1 [♁] 47 | 3°27 | 2°45 | 3°48 | 20°37 | 8 [♁] 32 | 22°50 | 20°24 | 23 [♁] 27 | 0°50 | 29°19 | 6°41 | 9 [♁] 45 |
| F 3 | 23 16 3 | 17° 7'06 | 13°36 | 4°59 | 3°52 | 4°23 | 20°46 | 8°32 | 22°53 | 20°26 | 23°26 | 0°51 | 29°16 | 6°48 | 9°42 |
| S 4 | 23 20 0 | 18° 5'49 | 25°29 | 6°30 | 4°59 | 4°57 | 20°55 | 8°32 | 22°55 | 20°29 | 23°26 | 0°R52 | 29°13 | 6°55 | 9°39 |
| S 5 | 23 23 56 | 19° 4'32 | 7 [♁] 31 | 7°59 | 6° 7 | 5°32 | 21° 4 | 8°32 | 22°58 | 20°31 | 23°25 | 0°52 | 29° 9 | 7° 1 | 9°36 |
| M 6 | 23 27 53 | 20° 3'18 | 19°45 | 9°28 | 7°14 | 6° 6 | 21°14 | 8°D32 | 23° 0 | 20°33 | 23°24 | 0°50 | 29° 6 | 7° 8 | 9°34 |
| T 7 | 23 31 50 | 21° 2'06 | 2 [♁] 14 | 10°56 | 8°22 | 6°40 | 21°23 | 8°32 | 23° 3 | 20°35 | 23°24 | 0°46 | 29° 3 | 7°15 | 9°31 |
| W 8 | 23 35 46 | 22° 0'55 | 15° 0 | 12°23 | 9°30 | 7°14 | 21°33 | 8°32 | 23° 5 | 20°38 | 23°23 | 0°40 | 29° 0 | 7°21 | 9°28 |
| T 9 | 23 39 43 | 22°59'46 | 28° 3 | 13°48 | 10°38 | 7°47 | 21°42 | 8°32 | 23° 7 | 20°40 | 23°23 | 0°32 | 28°57 | 7°28 | 9°25 |
| F 10 | 23 43 39 | 23°58'40 | 11 [♁] 22 | 15°13 | 11°46 | 8°21 | 21°52 | 8°32 | 23° 9 | 20°42 | 23°22 | 0°23 | 28°54 | 7°35 | 9°23 |
| S 11 | 23 47 36 | 24°57'36 | 24°55 | 16°36 | 12°55 | 8°54 | 22° 2 | 8°33 | 23°11 | 20°44 | 23°22 | 0°13 | 28°50 | 7°41 | 9°20 |
| S 12 | 23 51 32 | 25°56'34 | 8 [♁] 40 | 17°59 | 14° 3 | 9°27 | 22°12 | 8°33 | 23°14 | 20°47 | 23°21 | 0° 5 | 28°47 | 7°48 | 9°17 |
| M 13 | 23 55 29 | 26°55'34 | 22°33 | 19°20 | 15°12 | 10° 0 | 22°22 | 8°34 | 23°16 | 20°49 | 23°21 | 29 [♁] 58 | 28°44 | 7°55 | 9°15 |
| T 14 | 23 59 25 | 27°54'36 | 6 [♁] 33 | 20°40 | 16°21 | 10°33 | 22°32 | 8°35 | 23°18 | 20°51 | 23°20 | 29°54 | 28°41 | 8° 1 | 9°12 |
| W 15 | 0 3 22 | 28°53'41 | 20°37 | 21°59 | 17°30 | 11° 6 | 22°43 | 8°36 | 23°20 | 20°53 | 23°20 | 29°52 | 28°38 | 8° 8 | 9° 9 |
| T 16 | 0 7 18 | 29°52'49 | 4 [♁] 43 | 23°17 | 18°39 | 11°38 | 22°53 | 8°37 | 23°22 | 20°55 | 23°19 | 29°D52 | 28°34 | 8°15 | 9° 7 |
| F 17 | 0 11 15 | 0 [♁] 51'59 | 18°52 | 24°33 | 19°49 | 12°10 | 23° 4 | 8°38 | 23°24 | 20°58 | 23°19 | 29°53 | 28°31 | 8°21 | 9° 4 |
| S 18 | 0 15 12 | 1°51'11 | 3 [♁] 1 | 25°48 | 20°58 | 12°43 | 23°14 | 8°39 | 23°25 | 21° 0 | 23°19 | 29°R53 | 28°28 | 8°28 | 9° 2 |
| S 19 | 0 19 8 | 2°50'25 | 17° 8 | 27° 1 | 22° 8 | 13°14 | 23°25 | 8°40 | 23°27 | 21° 2 | 23°18 | 29°52 | 28°25 | 8°35 | 8°59 |
| M 20 | 0 23 5 | 3°49'42 | 1 ^{mp} 12 | 28°12 | 23°18 | 13°46 | 23°36 | 8°42 | 23°29 | 21° 4 | 23°18 | 29°48 | 28°22 | 8°41 | 8°57 |
| T 21 | 0 27 1 | 4°49'01 | 15°10 | 29°22 | 24°28 | 14°18 | 23°47 | 8°43 | 23°31 | 21° 6 | 23°18 | 29°42 | 28°19 | 8°48 | 8°54 |
| W 22 | 0 30 58 | 5°48'22 | 28°57 | 0 [♁] 30 | 25°38 | 14°49 | 23°58 | 8°45 | 23°32 | 21° 9 | 23°18 | 29°33 | 28°15 | 8°55 | 8°52 |
| T 23 | 0 34 54 | 6°47'45 | 12 [♁] 31 | 1°36 | 26°48 | 15°20 | 24° 9 | 8°46 | 23°34 | 21°11 | 23°17 | 29°22 | 28°12 | 9° 1 | 8°49 |
| F 24 | 0 38 51 | 7°47'11 | 25°48 | 2°40 | 27°59 | 15°51 | 24°20 | 8°48 | 23°36 | 21°13 | 23°17 | 29°10 | 28° 9 | 9° 8 | 8°47 |
| S 25 | 0 42 47 | 8°46'38 | 8 [♁] 46 | 3°41 | 29° 9 | 16°21 | 24°31 | 8°50 | 23°37 | 21°15 | 23°17 | 28°58 | 28° 6 | 9°15 | 8°44 |
| S 26 | 0 46 44 | 9°46'07 | 21°25 | 4°40 | 0 ^{mp} 20 | 16°52 | 24°42 | 8°52 | 23°39 | 21°17 | 23°17 | 28°48 | 28° 3 | 9°21 | 8°42 |
| M 27 | 0 50 41 | 10°45'38 | 3 [♁] 47 | 5°35 | 1°31 | 17°22 | 24°54 | 8°54 | 23°40 | 21°19 | 23°17 | 28°40 | 27°59 | 9°28 | 8°40 |
| T 28 | 0 54 37 | 11°45'12 | 15°53 | 6°28 | 2°42 | 17°52 | 25° 5 | 8°56 | 23°41 | 21°22 | 23°17 | 28°35 | 27°56 | 9°34 | 8°38 |
| W 29 | 0 58 34 | 12°44'46 | 27°48 | 7°17 | 3°53 | 18°22 | 25°17 | 8°58 | 23°43 | 21°24 | 23°D17 | 28°32 | 27°53 | 9°41 | 8°35 |
| T 30 | 1 2 30 | 13 [♁] 44'23 | 9 [♁] 37 | 8 [♁] 2 | 5 ^{mp} 4 | 18 [♁] 51 | 25 [♁] 28 | 9 [♁] 1 | 23 [♁] 44 | 21 ^{mp} 26 | 23 [♁] 17 | 28°D31 | 27 [♁] 50 | 9 [♁] 48 | 8 [♁] 33 |

Delta T = 08m21s Julian Calendar 1 Sept. 1283 == Greg. Calendar 8 Sept. 1283

OCTOBER 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|-----------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| F 1 | 1 6 27 | 14 [♁] 44'02 | 21 [♁] 26 | 8 [♁] 43 | 6 ^{mp} 15 | 19 [♁] 20 | 25 [♁] 40 | 9 [♁] 3 | 23 [♁] 45 | 21 ^{mp} 28 | 23 [♁] 17 | 28 [♁] 31 | 27 [♁] 47 | 9 [♁] 54 | 8°R31 |
| S 2 | 1 10 23 | 15°43'42 | 3 [♁] 19 | 9°20 | 7°27 | 19°49 | 25°52 | 9° 6 | 23°46 | 21°30 | 23°17 | 28°R31 | 27°44 | 10° 1 | 8 [♁] 29 |
| S 3 | 1 14 20 | 16°43'24 | 15°22 | 9°51 | 8°38 | 20°18 | 26° 3 | 9° 8 | 23°48 | 21°32 | 23°17 | 28°29 | 27°40 | 10° 8 | 8°27 |
| M 4 | 1 18 16 | 17°43'08 | 27°41 | 10°16 | 9°50 | 20°46 | 26°15 | 9°11 | 23°49 | 21°34 | 23°17 | 28°26 | 27°37 | 10°14 | 8°25 |
| T 5 | 1 22 13 | 18°42'53 | 10 [♁] 18 | 10°36 | 11° 1 | 21°15 | 26°27 | 9°14 | 23°50 | 21°36 | 23°17 | 28°21 | 27°34 | 10°21 | 8°23 |
| W 6 | 1 26 10 | 19°42'41 | 23°17 | 10°48 | 12°13 | 21°43 | 26°39 | 9°16 | 23°51 | 21°38 | 23°18 | 28°12 | 27°31 | 10°28 | 8°21 |
| T 7 | 1 30 6 | 20°42'30 | 6 [♁] 38 | 10°R53 | 13°25 | 22°10 | 26°51 | 9°19 | 23°52 | 21°40 | 23°18 | 28° 1 | 27°28 | 10°34 | 8°19 |
| F 8 | 1 34 3 | 21°42'21 | 20°20 | 10°51 | 14°37 | 22°38 | 27° 3 | 9°22 | 23°52 | 21°42 | 23°18 | 27°49 | 27°25 | 10°41 | 8°17 |
| S 9 | 1 37 59 | 22°42'14 | 4 [♁] 19 | 10°39 | 15°49 | 23° 5 | 27°16 | 9°26 | 23°53 | 21°44 | 23°18 | 27°36 | 27°21 | 10°48 | 8°15 |
| S 10 | 1 41 56 | 23°42'09 | 18°32 | 10°19 | 17° 1 | 23°32 | 27°28 | 9°29 | 23°54 | 21°46 | 23°19 | 27°25 | 27°18 | 10°54 | 8°14 |
| M 11 | 1 45 52 | 24°42'07 | 2 [♁] 51 | 9°50 | 18°14 | 23°58 | 27°40 | 9°32 | 23°55 | 21°48 | 23°19 | 27°16 | 27°15 | 11° 1 | 8°12 |
| T 12 | 1 49 49 | 25°42'06 | 17°12 | 9°11 | 19°26 | 24°25 | 27°53 | 9°36 | 23°55 | 21°50 | 23°19 | 27° 9 | 27°12 | 11° 8 | 8°10 |
| W 13 | 1 53 45 | 26°42'08 | 1 [♁] 30 | 8°24 | 20°39 | 24°51 | 28° 5 | 9°39 | 23°56 | 21°52 | 23°20 | 27° 6 | 27° 9 | 11°14 | 8° 9 |
| T 14 | 1 57 42 | 27°42'12 | 15°43 | 7°27 | 21°51 | 25°16 | 28°17 | 9°43 | 23°56 | 21°54 | 23°20 | 27° 4 | 27° 5 | 11°21 | 8° 7 |
| F 15 | 2 1 39 | 28°42'18 | 29°48 | 6°23 | 23° 4 | 25°42 | 28°30 | 9°46 | 23°57 | 21°56 | 23°20 | 27° 4 | 27° 2 | 11°28 | 8° 6 |
| S 16 | 2 5 35 | 29°42'26 | 13 [♁] 46 | 5°12 | 24°17 | 26° 7 | 28°43 | 9°50 | 23°57 | 21°58 | 23°21 | 27° 4 | 26°59 | 11°34 | 8° 4 |
| S 17 | 2 9 32 | 0 ^{mp} 42'36 | 27°35 | 3°56 | 25°30 | 26°32 | 28°55 | 9°54 | 23°58 | 21°59 | 23°21 | 27° 2 | 26°56 | 11°41 | 8° 3 |
| M 18 | 2 13 28 | 1°42'49 | 11 ^{mp} 16 | 2°38 | 26°42 | 26°56 | 29° 8 | 9°58 | 23°58 | 22° 1 | 23°22 | 26°58 | 26°53 | 11°47 | 8° 1 |
| T 19 | 2 17 25 | 2°43'03 | 24°49 | 1°19 | 27°55 | 27°20 | 29°21 | 10° 2 | 23°58 | 22° 3 | 23°22 | 26°50 | 26°50 | 11°54 | 8° 0 |
| W 20 | 2 21 21 | 3°43'20 | 8 [♁] 11 | 0° 3 | 29° 9 | 27°44 | 29°34 | 10° 6 | 23°58 | 22° 5 | 23°23 | 26°40 | 26°46 | 12° 1 | 7°59 |
| T 21 | 2 25 18 | 4°43'38 | 21°22 | 28 [♁] 51 | 0 [♁] 22 | 28° 7 | 29°46 | 10°10 | 23°58 | 22° 7 | 23°24 | 26°27 | 26°43 | 12° 7 | 7°57 |
| F 22 | 2 29 14 | 5°43'59 | 4 [♁] 20 | 27°47 | 1°35 | 28°30 | 29°59 | 10°14 | 23°59 | 22° 8 | 23°24 | 26°14 | 26°40 | 12°14 | 7°56 |
| S 23 | 2 33 11 | 6°44'21 | 17° 3 | 26°51 | 2°48 | 28°52 | 0 [♁] 12 | 10°19 | 23°R59 | 22°10 | 23°25 | 26° 0 | 26°37 | 12°21 | 7°55 |
| S 24 | 2 37 8 | 7°44'44 | 29°32 | 26° 5 | 4° 2 | 29°15 | 0°25 | 10°23 | 23°59 | 22°12 | 23°26 | 25°48 | 26°34 | 12°27 | 7°54 |
| M 25 | 2 41 4 | 8°45'10 | 11 [♁] 47 | 25°31 | 5°15 | 29°36 | 0°38 | 10°27 | 23°59 | 22°13 | 23°26 | 25°38 | 26°31 | 12°34 | 7°53 |
| T 26 | 2 45 1 | 9°45'37 | 23°49 | 25° 8 | 6°29 | 29°58 | 0°51 | 10°32 | 23°58 | 22°15 | 23°27 | 25°31 | 26°27 | 12°41 | 7°52 |
| W 27 | 2 48 57 | 10°46'05 | 5 [♁] 43 | 24°D57 | 7°42 | 0 [♁] 19 | 1° 4 | 10°37 | 23°58 | 22°17 | 23°28 | 25°27 | 26°24 | 12°47 | 7°51 |
| T 28 | 2 52 54 | 11°46'35 | 17°30 | 24°57 | 8°56 | 0°39 | 1°18 | 10°41 | 23°58 | 22°18 | 23°29 | 25°25 | 26°21 | 12°54 | 7°50 |
| F 29 | 2 56 50 | 12°47'07 | 29°17 | 25° 8 | 10° 9 | 1° 0 | 1°31 | 10°46 | 23°58 | 22°20 | 23°30 | 25°D25 | 26°18 | 13° 1 | 7°49 |
| S 30 | 3 0 47 | 13°47'39 | 11 [♁] 8 | 25°29 | 11°23 | 1°19 | 1°44 | 10°51 | 23°57 | 22°21 | 23°30 | 25°R26 | 26°15 | 13° 7 | 7°49 |
| S 31 | 3 4 43 | 14 [♁] 48'13 | 23 [♁] 10 | 25 [♁] 59 | 12 [♁] 37 | 1 [♁] 39 | 1 [♁] 57 | 10 [♁] 56 | 23 [♁] 57 | 22 ^{mp} 23 | 23 [♁] 31 | 25 [♁] 25 | 26 [♁] 11 | 13 [♁] 14 | 7 [♁] 48 |

Delta T = 08m21s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1283

NOVEMBER 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|-----|---------|----------|-------|-------|-------|------|------|-------|--------|-------|-------|--------|-------|-------|-------|---|---|---|---|---|---|---|---|--|
| M 1 | 3 8 40 | 15♌48'48 | 5♋27 | 26♊38 | 13♏51 | 1♏57 | 2♌10 | 11♎1 | 23°R56 | 22♎24 | 23♎32 | 25°R23 | 26♎8 | 13♎21 | 7°R47 | | | | | | | | | |
| T 2 | 3 12 37 | 16°49'24 | 18° 5 | 27°24 | 15° 5 | 2°16 | 2°24 | 11° 6 | 23°56 | 22°26 | 23°33 | 25°R19 | 26° 5 | 13°27 | 7°R47 | | | | | | | | | |
| W 3 | 3 16 33 | 17°50'02 | 1°Y 7 | 28°17 | 16°19 | 2°34 | 2°37 | 11°11 | 23°55 | 22°27 | 23°34 | 25°12 | 26° 2 | 13°34 | 7°46 | | | | | | | | | |
| T 4 | 3 20 30 | 18°50'41 | 14°36 | 29°15 | 17°33 | 2°51 | 2°50 | 11°16 | 23°55 | 22°29 | 23°35 | 25° 4 | 25°59 | 13°41 | 7°46 | | | | | | | | | |
| F 5 | 3 24 26 | 19°51'21 | 28°31 | 0♌19 | 18°47 | 3° 8 | 3° 4 | 11°21 | 23°54 | 22°30 | 23°36 | 24°53 | 25°56 | 13°47 | 7°45 | | | | | | | | | |
| S 6 | 3 28 23 | 20°52'02 | 12♋49 | 1°27 | 20° 1 | 3°25 | 3°17 | 11°26 | 23°53 | 22°32 | 23°37 | 24°42 | 25°52 | 13°54 | 7°45 | | | | | | | | | |
| S 7 | 3 32 19 | 21°52'45 | 27°24 | 2°38 | 21°15 | 3°41 | 3°31 | 11°32 | 23°53 | 22°33 | 23°38 | 24°32 | 25°49 | 14° 0 | 7°45 | | | | | | | | | |
| M 8 | 3 36 16 | 22°53'29 | 12♌10 | 3°53 | 22°29 | 3°56 | 3°44 | 11°37 | 23°52 | 22°34 | 23°39 | 24°24 | 25°46 | 14° 7 | 7°45 | | | | | | | | | |
| T 9 | 3 40 12 | 23°54'15 | 26°58 | 5°11 | 23°43 | 4°11 | 3°57 | 11°43 | 23°51 | 22°36 | 23°40 | 24°19 | 25°43 | 14°14 | 7°44 | | | | | | | | | |
| W10 | 3 44 9 | 24°55'02 | 11♌41 | 6°31 | 24°58 | 4°25 | 4°11 | 11°48 | 23°50 | 22°37 | 23°41 | 24°16 | 25°40 | 14°20 | 7°44 | | | | | | | | | |
| T11 | 3 48 6 | 25°55'51 | 26°12 | 7°53 | 26°12 | 4°39 | 4°24 | 11°54 | 23°49 | 22°38 | 23°43 | 24°D15 | 25°37 | 14°27 | 7°D44 | | | | | | | | | |
| F12 | 3 52 2 | 26°56'41 | 10♌29 | 9°16 | 27°26 | 4°52 | 4°38 | 12° 0 | 23°48 | 22°39 | 23°44 | 24°16 | 25°33 | 14°34 | 7°44 | | | | | | | | | |
| S13 | 3 55 59 | 27°57'33 | 24°29 | 10°41 | 28°41 | 5° 5 | 4°51 | 12° 5 | 23°47 | 22°40 | 23°45 | 24°R17 | 25°30 | 14°40 | 7°44 | | | | | | | | | |
| S14 | 3 59 55 | 28°58'26 | 8♎14 | 12° 8 | 29°55 | 5°17 | 5° 5 | 12°11 | 23°46 | 22°42 | 23°46 | 24°16 | 25°27 | 14°47 | 7°44 | | | | | | | | | |
| M15 | 4 3 52 | 29°59'20 | 21°42 | 13°35 | 1♌10 | 5°29 | 5°19 | 12°17 | 23°44 | 22°43 | 23°47 | 24°14 | 25°24 | 14°54 | 7°45 | | | | | | | | | |
| T16 | 4 7 48 | 1♌0'16 | 4♌57 | 15° 3 | 2°24 | 5°39 | 5°32 | 12°23 | 23°43 | 22°44 | 23°49 | 24° 9 | 25°21 | 15° 0 | 7°45 | | | | | | | | | |
| W17 | 4 11 45 | 2° 1'13 | 17°58 | 16°32 | 3°39 | 5°50 | 5°46 | 12°29 | 23°42 | 22°45 | 23°50 | 24° 2 | 25°17 | 15° 7 | 7°45 | | | | | | | | | |
| T18 | 4 15 41 | 3° 2'11 | 0♌47 | 18° 2 | 4°53 | 5°59 | 5°59 | 12°35 | 23°41 | 22°46 | 23°51 | 23°54 | 25°14 | 15°14 | 7°46 | | | | | | | | | |
| F19 | 4 19 38 | 4° 3'11 | 13°24 | 19°32 | 6° 8 | 6° 8 | 6°13 | 12°41 | 23°39 | 22°47 | 23°53 | 23°44 | 25°11 | 15°20 | 7°46 | | | | | | | | | |
| S20 | 4 23 35 | 5° 4'12 | 25°50 | 21° 2 | 7°23 | 6°17 | 6°27 | 12°47 | 23°38 | 22°48 | 23°54 | 23°34 | 25° 8 | 15°27 | 7°46 | | | | | | | | | |
| S21 | 4 27 31 | 6° 5'13 | 8♌7 | 22°33 | 8°37 | 6°24 | 6°40 | 12°53 | 23°36 | 22°49 | 23°55 | 23°26 | 25° 5 | 15°34 | 7°47 | | | | | | | | | |
| M22 | 4 31 28 | 7° 6'16 | 20°10 | 24° 4 | 9°52 | 6°31 | 6°54 | 12°59 | 23°35 | 22°50 | 23°57 | 23°19 | 25° 2 | 15°40 | 7°48 | | | | | | | | | |
| T23 | 4 35 24 | 8° 7'20 | 2♎6 | 25°36 | 11° 7 | 6°37 | 7° 7 | 13° 5 | 23°33 | 22°51 | 23°58 | 23°14 | 24°58 | 15°47 | 7°48 | | | | | | | | | |
| W24 | 4 39 21 | 9° 8'24 | 13°56 | 27° 8 | 12°22 | 6°43 | 7°21 | 13°12 | 23°32 | 22°51 | 24° 0 | 23°11 | 24°55 | 15°53 | 7°49 | | | | | | | | | |
| T25 | 4 43 17 | 10° 9'29 | 25°42 | 28°40 | 13°36 | 6°48 | 7°35 | 13°18 | 23°30 | 22°52 | 24° 1 | 23°D11 | 24°52 | 16° 0 | 7°50 | | | | | | | | | |
| F26 | 4 47 14 | 11°10'34 | 7♌28 | 0♌12 | 14°51 | 6°52 | 7°48 | 13°24 | 23°28 | 22°53 | 24° 3 | 23°12 | 24°49 | 16° 7 | 7°50 | | | | | | | | | |
| S27 | 4 51 10 | 12°11'40 | 19°19 | 1°44 | 16° 6 | 6°55 | 8° 2 | 13°31 | 23°26 | 22°54 | 24° 4 | 23°13 | 24°46 | 16°13 | 7°51 | | | | | | | | | |
| S28 | 4 55 7 | 13°12'46 | 1♋18 | 3°16 | 17°21 | 6°58 | 8°15 | 13°37 | 23°25 | 22°54 | 24° 6 | 23°15 | 24°42 | 16°20 | 7°52 | | | | | | | | | |
| M29 | 4 59 4 | 14°13'52 | 13°32 | 4°49 | 18°36 | 7° 0 | 8°29 | 13°43 | 23°23 | 22°55 | 24° 7 | 23°R16 | 24°39 | 16°27 | 7°53 | | | | | | | | | |
| T30 | 5 3 0 | 15♌14'59 | 26♋5 | 6♌22 | 19♌51 | 7♌1 | 8♌43 | 13♎50 | 23°21 | 22♎56 | 24♎9 | 23♎15 | 24♎36 | 16♎33 | 7♎54 | | | | | | | | | |

Delta T = 08m21s

Julian Calendar 1 Nov. 1283 == Greg. Calendar 8 Nov. 1283

DECEMBER 1283 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|-----|---------|----------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|-------|-------|-------|---|---|---|---|---|---|---|---|--|
| W 1 | 5 6 57 | 16♌16'07 | 9°Y 3 | 7♌55 | 21♌5 | 7°R 1 | 8♌56 | 13♎57 | 23°R19 | 22♎56 | 24♎10 | 23°R13 | 24♎33 | 16♎40 | 7°R55 | | | | | | | | | |
| T 2 | 5 10 53 | 17°17'14 | 22°27 | 9°28 | 22°20 | 7°R 0 | 9°10 | 14° 3 | 23°517 | 22°57 | 24°12 | 23♎9 | 24°30 | 16°47 | 7°57 | | | | | | | | | |
| F 3 | 5 14 50 | 18°18'22 | 6♋20 | 11° 1 | 23°35 | 6°59 | 9°23 | 14°10 | 23°15 | 22°57 | 24°13 | 23° 4 | 24°27 | 16°53 | 7°58 | | | | | | | | | |
| S 4 | 5 18 46 | 19°19'30 | 20°41 | 12°35 | 24°50 | 6°57 | 9°37 | 14°16 | 23°13 | 22°58 | 24°15 | 22°58 | 24°23 | 17° 0 | 7°59 | | | | | | | | | |
| S 5 | 5 22 43 | 20°20'38 | 5♌25 | 14° 8 | 26° 5 | 6°54 | 9°50 | 14°23 | 23°11 | 22°58 | 24°17 | 22°53 | 24°20 | 17° 7 | 8° 0 | | | | | | | | | |
| M 6 | 5 26 39 | 21°21'47 | 20°26 | 15°42 | 27°20 | 6°51 | 10° 4 | 14°30 | 23° 9 | 22°59 | 24°18 | 22°49 | 24°17 | 17°13 | 8° 2 | | | | | | | | | |
| T 7 | 5 30 36 | 22°22'56 | 5♌34 | 17°16 | 28°35 | 6°46 | 10°17 | 14°37 | 23° 7 | 22°59 | 24°20 | 22°47 | 24°14 | 17°20 | 8° 3 | | | | | | | | | |
| W 8 | 5 34 33 | 23°24'06 | 20°40 | 18°51 | 29°50 | 6°41 | 10°31 | 14°43 | 23° 5 | 23° 0 | 24°22 | 22°D46 | 24°11 | 17°27 | 8° 5 | | | | | | | | | |
| T 9 | 5 38 29 | 24°25'15 | 5♌35 | 20°25 | 1♌5 | 6°35 | 10°44 | 14°50 | 23° 3 | 23° 0 | 24°23 | 22°46 | 24° 8 | 17°33 | 8° 6 | | | | | | | | | |
| F10 | 5 42 26 | 25°26'26 | 20°12 | 22° 0 | 2°20 | 6°28 | 10°58 | 14°57 | 23° 0 | 23° 0 | 24°25 | 22°47 | 24° 4 | 17°40 | 8° 8 | | | | | | | | | |
| S11 | 5 46 22 | 26°27'36 | 4♎29 | 23°35 | 3°35 | 6°20 | 11°11 | 15° 4 | 22°58 | 23° 0 | 24°27 | 22°49 | 24° 1 | 17°46 | 8° 9 | | | | | | | | | |
| S12 | 5 50 19 | 27°28'47 | 18°21 | 25°10 | 4°50 | 6°11 | 11°24 | 15°11 | 22°56 | 23° 1 | 24°28 | 22°50 | 23°58 | 17°53 | 8°11 | | | | | | | | | |
| M13 | 5 54 15 | 28°29'59 | 1♌52 | 26°46 | 6° 5 | 6° 2 | 11°38 | 15°18 | 22°54 | 23° 1 | 24°30 | 22°R50 | 23°55 | 18° 0 | 8°13 | | | | | | | | | |
| T14 | 5 58 12 | 29°31'11 | 15° 1 | 28°22 | 7°20 | 5°52 | 11°51 | 15°24 | 22°51 | 23° 1 | 24°32 | 22°49 | 23°52 | 18° 6 | 8°15 | | | | | | | | | |
| W15 | 6 2 9 | 0♎32'23 | 27°51 | 29°58 | 8°36 | 5°41 | 12° 4 | 15°31 | 22°49 | 23° 1 | 24°34 | 22°47 | 23°48 | 18°13 | 8°17 | | | | | | | | | |
| T16 | 6 6 5 | 1°33'35 | 10♌26 | 1♎35 | 9°51 | 5°29 | 12°18 | 15°38 | 22°47 | 23° 1 | 24°35 | 22°45 | 23°45 | 18°20 | 8°18 | | | | | | | | | |
| F17 | 6 10 2 | 2°34'48 | 22°47 | 3°12 | 11° 6 | 5°16 | 12°31 | 15°45 | 22°44 | 23° 1 | 24°37 | 22°41 | 23°42 | 18°26 | 8°20 | | | | | | | | | |
| S18 | 6 13 58 | 3°36'01 | 4♌57 | 4°49 | 12°21 | 5° 2 | 12°44 | 15°52 | 22°42 | 23°R 1 | 24°39 | 22°38 | 23°39 | 18°33 | 8°22 | | | | | | | | | |
| S19 | 6 17 55 | 4°37'14 | 16°59 | 6°27 | 13°36 | 4°48 | 12°57 | 15°59 | 22°39 | 23° 1 | 24°41 | 22°35 | 23°36 | 18°40 | 8°24 | | | | | | | | | |
| M20 | 6 21 51 | 5°38'26 | 28°54 | 8° 5 | 14°51 | 4°33 | 13°10 | 16° 6 | 22°37 | 23° 1 | 24°43 | 22°33 | 23°33 | 18°46 | 8°27 | | | | | | | | | |
| T21 | 6 25 48 | 6°39'39 | 10♌44 | 9°44 | 16° 6 | 4°17 | 13°24 | 16°13 | 22°34 | 23° 1 | 24°45 | 22°31 | 23°29 | 18°53 | 8°29 | | | | | | | | | |
| W22 | 6 29 44 | 7°40'51 | 22°32 | 11°23 | 17°21 | 4° 1 | 13°37 | 16°20 | 22°32 | 23° 1 | 24°46 | 22°D31 | 23°26 | 19° 0 | 8°31 | | | | | | | | | |
| T23 | 6 33 41 | 8°42'03 | 4♌18 | 13° 2 | 18°37 | 3°44 | 13°50 | 16°28 | 22°29 | 23° 1 | 24°48 | 22°31 | 23°23 | 19° 6 | 8°33 | | | | | | | | | |
| F24 | 6 37 38 | 9°43'15 | 16° 7 | 14°42 | 19°52 | 3°26 | 14° 3 | 16°35 | 22°27 | 23° 1 | 24°50 | 22°32 | 23°20 | 19°13 | 8°35 | | | | | | | | | |
| S25 | 6 41 34 | 10°44'26 | 28° 1 | 16°22 | 21° 7 | 3° 7 | 14°16 | 16°42 | 22°24 | 23° 0 | 24°52 | 22°33 | 23°17 | 19°20 | 8°38 | | | | | | | | | |
| S26 | 6 45 31 | 11°45'36 | 10♋3 | 18° 2 | 22°22 | 2°48 | 14°28 | 16°49 | 22°22 | 23° 0 | 24°54 | 22°35 | 23°14 | 19°26 | 8°40 | | | | | | | | | |
| M27 | 6 49 27 | 12°46'46 | 22°17 | 19°43 | 23°37 | 2°28 | 14°41 | 16°56 | 22°19 | 23° 0 | 24°56 | 22°36 | 23°10 | 19°33 | 8°42 | | | | | | | | | |
| T28 | 6 53 24 | 13°47'55 | 4°Y47 | 21°24 | 24°52 | 2° 8 | 14°54 | 17° 3 | 22°17 | 23° 0 | 24°58 | 22°36 | 23° 7 | | | | | | | | | | | |