

SWISS EPHEMERIS for the year 1414

JANUARY 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|----------|---------|--------|---------|-------|-------|---------|-------|-------|---------|--------|-------|-------|-------|---|---|---|---|---|---|---|---|
| M 1 | 7 15 7 | 19°31'46 | 13°32 | 10°22 | 18°22 | 5°56 | 5°21 | 18°R 8 | 15°29 | 6°R53 | 18°R 1 | 28°R 2 | 28°28 | 29°56 | 21°38 | | | | | | | | |
| T 2 | 7 19 3 | 20°20'51 | 27°19 | 11°58 | 19°37 | 6°16 | 5°32 | 18°II 4 | 15°32 | 6°51 | 18°II 0 | 28°3 1 | 28°25 | 0°3 | 21°44 | | | | | | | | |
| W 3 | 7 23 0 | 21°21'56 | 10°II55 | 13°34 | 20°51 | 6°35 | 5°44 | 18° 0 | 15°35 | 6°49 | 17°59 | 28° 0 | 28°22 | 0°10 | 21°49 | | | | | | | | |
| T 4 | 7 26 57 | 22°22'59 | 24°18 | 15°10 | 22° 5 | 6°54 | 5°55 | 17°56 | 15°39 | 6°48 | 17°58 | 27°59 | 28°19 | 0°16 | 21°54 | | | | | | | | |
| F 5 | 7 30 53 | 23°24'02 | 7°29 | 16°47 | 23°19 | 7°12 | 6° 6 | 17°53 | 15°42 | 6°46 | 17°57 | 27°59 | 28°15 | 0°23 | 22° 0 | | | | | | | | |
| S 6 | 7 34 50 | 24°25'04 | 20°25 | 18°25 | 24°33 | 7°30 | 6°17 | 17°49 | 15°45 | 6°45 | 17°57 | 27°59 | 28°12 | 0°30 | 22° 5 | | | | | | | | |
| S 7 | 7 38 46 | 25°26'05 | 3°Ω 7 | 20° 3 | 25°47 | 7°47 | 6°28 | 17°46 | 15°49 | 6°43 | 17°56 | 27°D59 | 28° 9 | 0°37 | 22°10 | | | | | | | | |
| M 8 | 7 42 43 | 26°27'06 | 15°36 | 21°42 | 27° 1 | 8° 4 | 6°39 | 17°43 | 15°52 | 6°41 | 17°55 | 27°59 | 28° 6 | 0°43 | 22°15 | | | | | | | | |
| T 9 | 7 46 39 | 27°28'05 | 27°52 | 23°22 | 28°15 | 8°21 | 6°50 | 17°39 | 15°55 | 6°40 | 17°54 | 27°R59 | 28° 3 | 0°50 | 22°19 | | | | | | | | |
| W10 | 7 50 36 | 28°29'04 | 9°II57 | 25° 2 | 29°29 | 8°37 | 7° 0 | 17°36 | 15°59 | 6°38 | 17°53 | 27°59 | 28° 0 | 0°57 | 22°24 | | | | | | | | |
| T 11 | 7 54 33 | 29°30'02 | 21°54 | 26°43 | 0°II43 | 8°53 | 7°11 | 17°33 | 16° 2 | 6°37 | 17°52 | 27°59 | 27°56 | 1° 3 | 22°29 | | | | | | | | |
| F 12 | 7 58 29 | 0°30'59 | 3°Ω47 | 28°24 | 1°56 | 9° 8 | 7°22 | 17°30 | 16° 5 | 6°35 | 17°51 | 27°58 | 27°53 | 1°10 | 22°33 | | | | | | | | |
| S 13 | 8 2 26 | 1°31'55 | 15°38 | 0°Ω 7 | 3°10 | 9°23 | 7°32 | 17°27 | 16° 9 | 6°34 | 17°50 | 27°58 | 27°50 | 1°17 | 22°38 | | | | | | | | |
| S 14 | 8 6 22 | 2°32'51 | 27°33 | 1°49 | 4°24 | 9°38 | 7°42 | 17°25 | 16°12 | 6°32 | 17°50 | 27°D58 | 27°47 | 1°23 | 22°42 | | | | | | | | |
| M15 | 8 10 19 | 3°33'45 | 9°II36 | 3°33 | 5°37 | 9°51 | 7°53 | 17°22 | 16°15 | 6°31 | 17°49 | 27°58 | 27°44 | 1°30 | 22°47 | | | | | | | | |
| T 16 | 8 14 15 | 4°34'39 | 21°53 | 5°17 | 6°51 | 10° 5 | 8° 3 | 17°19 | 16°19 | 6°29 | 17°48 | 27°58 | 27°41 | 1°37 | 22°51 | | | | | | | | |
| W17 | 8 18 12 | 5°35'33 | 4°II26 | 7° 2 | 8° 4 | 10°18 | 8°13 | 17°17 | 16°22 | 6°28 | 17°47 | 27°59 | 27°37 | 1°44 | 22°55 | | | | | | | | |
| T 18 | 8 22 8 | 6°36'25 | 17°20 | 8°48 | 9°18 | 10°30 | 8°23 | 17°14 | 16°26 | 6°26 | 17°47 | 28° 0 | 27°34 | 1°50 | 22°59 | | | | | | | | |
| F 19 | 8 26 5 | 7°37'16 | 0°38 | 10°34 | 10°31 | 10°42 | 8°33 | 17°12 | 16°29 | 6°25 | 17°46 | 28° 1 | 27°31 | 1°57 | 23° 3 | | | | | | | | |
| S 20 | 8 30 2 | 8°38'06 | 14°20 | 12°21 | 11°45 | 10°53 | 8°42 | 17°10 | 16°33 | 6°24 | 17°45 | 28° 1 | 27°28 | 2° 4 | 23° 7 | | | | | | | | |
| S 21 | 8 33 58 | 9°38'56 | 28°25 | 14° 9 | 12°58 | 11° 3 | 8°52 | 17° 8 | 16°36 | 6°22 | 17°44 | 28°R 2 | 27°25 | 2°10 | 23°11 | | | | | | | | |
| M22 | 8 37 55 | 10°39'43 | 12°51 | 15°57 | 14°11 | 11°13 | 9° 1 | 17° 6 | 16°40 | 6°21 | 17°44 | 28° 1 | 27°21 | 2°17 | 23°14 | | | | | | | | |
| T 23 | 8 41 51 | 11°40'30 | 27°30 | 17°45 | 15°25 | 11°23 | 9°11 | 17° 4 | 16°43 | 6°20 | 17°43 | 28° 0 | 27°18 | 2°24 | 23°18 | | | | | | | | |
| W24 | 8 45 48 | 12°41'15 | 12°II17 | 19°34 | 16°38 | 11°32 | 9°20 | 17° 2 | 16°46 | 6°18 | 17°43 | 27°58 | 27°15 | 2°31 | 23°22 | | | | | | | | |
| T 25 | 8 49 44 | 13°41'58 | 27° 4 | 21°24 | 17°51 | 11°40 | 9°29 | 17° 1 | 16°50 | 6°17 | 17°42 | 27°56 | 27°12 | 2°37 | 23°25 | | | | | | | | |
| F 26 | 8 53 41 | 14°42'40 | 11°II44 | 23°13 | 19° 4 | 11°48 | 9°38 | 16°59 | 16°53 | 6°16 | 17°41 | 27°54 | 27° 9 | 2°44 | 23°28 | | | | | | | | |
| S 27 | 8 57 37 | 15°43'20 | 26°11 | 25° 2 | 20°17 | 11°55 | 9°47 | 16°58 | 16°57 | 6°14 | 17°41 | 27°53 | 27° 6 | 2°51 | 23°31 | | | | | | | | |
| S 28 | 9 1 34 | 16°43'58 | 10°32 | 26°52 | 21°30 | 12° 1 | 9°56 | 16°57 | 17° 0 | 6°13 | 17°40 | 27°D52 | 27° 2 | 2°57 | 23°35 | | | | | | | | |
| M29 | 9 5 31 | 17°44'35 | 24°14 | 28°41 | 22°42 | 12° 7 | 10° 5 | 16°55 | 17° 4 | 6°12 | 17°40 | 27°52 | 26°59 | 3° 4 | 23°37 | | | | | | | | |
| T 30 | 9 9 27 | 18°45'10 | 7°II48 | 0°II29 | 23°55 | 12°12 | 10°13 | 16°54 | 17° 7 | 6°11 | 17°39 | 27°53 | 26°56 | 3°11 | 23°40 | | | | | | | | |
| W31 | 9 13 24 | 19°45'43 | 21°II 5 | 2°II17 | 25°II 8 | 12°16 | 10°22 | 16°II53 | 17°11 | 6°10 | 17°II39 | 27°54 | 26°53 | 3°18 | 23°43 | | | | | | | | |

Delta T = 273.36 sec. Julian Calendar 1 Jan. 1414 == Greg. Calendar 10 Jan. 1414

FEBRUARY 1414 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-----------|--------|---------|---------|--------|-------|---------|-------|-------|---------|--------|-------|------|---------|---|---|---|---|---|---|---|---|
| T 1 | 9 17 20 | 20°46'14 | 4°Ω 6 | 4°II 3 | 26°II20 | 12°20 | 10°30 | 16°R52 | 17°14 | 6°R 9 | 17°R38 | 27°56 | 26°50 | 3°24 | 23°46 | | | | | | | | |
| F 2 | 9 21 17 | 21°46'43 | 16°53 | 5°48 | 27°33 | 12°23 | 10°38 | 16°II52 | 17°18 | 6°57 | 17°II38 | 27°57 | 26°47 | 3°31 | 23°48 | | | | | | | | |
| S 3 | 9 25 13 | 22°47'11 | 29°28 | 7°30 | 28°45 | 12°25 | 10°46 | 16°51 | 17°21 | 6° 6 | 17°37 | 27°R57 | 26°43 | 3°38 | 23°51 | | | | | | | | |
| S 4 | 9 29 10 | 23°47'37 | 11°Ω52 | 9°10 | 29°58 | 12°27 | 10°54 | 16°51 | 17°25 | 6° 5 | 17°37 | 27°57 | 26°40 | 3°44 | 23°53 | | | | | | | | |
| M 5 | 9 33 6 | 24°48'01 | 24° 7 | 10°48 | 1°II10 | 12°28 | 11° 2 | 16°50 | 17°28 | 6° 4 | 17°37 | 27°54 | 26°37 | 3°51 | 23°56 | | | | | | | | |
| T 6 | 9 37 3 | 25°48'23 | 6°II13 | 12°21 | 2°22 | 12°R28 | 11°10 | 16°50 | 17°32 | 6° 3 | 17°36 | 27°51 | 26°34 | 3°58 | 23°58 | | | | | | | | |
| W 7 | 9 41 0 | 26°48'44 | 18°13 | 13°51 | 3°34 | 12°27 | 11°17 | 16°50 | 17°35 | 6° 2 | 17°36 | 27°46 | 26°31 | 4° 5 | 24° 0 | | | | | | | | |
| T 8 | 9 44 56 | 27°49'02 | 0°Ω 8 | 15°15 | 4°46 | 12°26 | 11°24 | 16°D50 | 17°38 | 6° 1 | 17°36 | 27°41 | 26°27 | 4°11 | 24° 2 | | | | | | | | |
| F 9 | 9 48 53 | 28°49'20 | 12° 0 | 16°35 | 5°58 | 12°24 | 11°32 | 16°50 | 17°42 | 6° 1 | 17°35 | 27°35 | 26°24 | 4°18 | 24° 4 | | | | | | | | |
| S 10 | 9 52 49 | 29°49'36 | 23°52 | 17°48 | 7°10 | 12°21 | 11°39 | 16°50 | 17°45 | 6° 0 | 17°35 | 27°30 | 26°21 | 4°25 | 24° 5 | | | | | | | | |
| S 11 | 9 56 46 | 0°II49'50 | 5°II46 | 18°55 | 8°22 | 12°18 | 11°46 | 16°50 | 17°49 | 5°59 | 17°35 | 27°26 | 26°18 | 4°31 | 24° 7 | | | | | | | | |
| M12 | 10 0 42 | 1°50'02 | 17°48 | 19°55 | 9°33 | 12°13 | 11°52 | 16°50 | 17°52 | 5°58 | 17°35 | 27°23 | 26°15 | 4°38 | 24° 9 | | | | | | | | |
| T 13 | 10 4 39 | 2°50'14 | 0°II 1 | 20°46 | 10°45 | 12° 8 | 11°59 | 16°51 | 17°55 | 5°57 | 17°34 | 27°D22 | 26°12 | 4°45 | 24°10 | | | | | | | | |
| W14 | 10 8 35 | 3°50'23 | 12°29 | 21°30 | 11°56 | 12° 2 | 12° 6 | 16°52 | 17°59 | 5°57 | 17°34 | 27°22 | 26° 8 | 4°52 | 24°11 | | | | | | | | |
| T 15 | 10 12 32 | 4°50'31 | 25°17 | 22° 5 | 13° 8 | 11°56 | 12°12 | 16°52 | 18° 2 | 5°56 | 17°34 | 27°23 | 26° 5 | 4°58 | 24°13 | | | | | | | | |
| F 16 | 10 16 29 | 5°50'38 | 8°30 | 22°32 | 14°19 | 11°48 | 12°18 | 16°53 | 18° 6 | 5°55 | 17°34 | 27°25 | 26° 2 | 5° 5 | 24°14 | | | | | | | | |
| S 17 | 10 20 25 | 6°50'43 | 22°10 | 22°49 | 15°30 | 11°40 | 12°24 | 16°54 | 18° 9 | 5°54 | 17°34 | 27°R26 | 25°59 | 5°12 | 24°15 | | | | | | | | |
| S 18 | 10 24 22 | 7°50'46 | 6°II17 | 22°R57 | 16°41 | 11°31 | 12°30 | 16°55 | 18°12 | 5°54 | 17°34 | 27°26 | 25°56 | 5°18 | 24°16 | | | | | | | | |
| M19 | 10 28 18 | 8°50'47 | 20°51 | 22°55 | 17°52 | 11°21 | 12°36 | 16°56 | 18°16 | 5°53 | 17°34 | 27°24 | 25°53 | 5°25 | 24°16 | | | | | | | | |
| T 20 | 10 32 15 | 9°50'47 | 5°II46 | 22°45 | 19° 3 | 11°10 | 12°41 | 16°58 | 18°19 | 5°53 | 17°34 | 27°20 | 25°49 | 5°32 | 24°17 | | | | | | | | |
| W21 | 10 36 11 | 10°50'44 | 20°54 | 22°26 | 20°13 | 10°59 | 12°47 | 16°59 | 18°22 | 5°52 | 17°34 | 27°14 | 25°46 | 5°39 | 24°18 | | | | | | | | |
| T 22 | 10 40 8 | 11°50'40 | 6°II 5 | 22° 0 | 21°24 | 10°47 | 12°52 | 17° 1 | 18°25 | 5°52 | 17°D34 | 27° 7 | 25°43 | 5°45 | 24°18 | | | | | | | | |
| F 23 | 10 44 4 | 12°50'33 | 21° 9 | 21°26 | 22°35 | 10°34 | 12°57 | 17° 2 | 18°29 | 5°51 | 17°34 | 27° 0 | 25°40 | 5°52 | 24°18 | | | | | | | | |
| S 24 | 10 48 1 | 13°50'24 | 5°II57 | 20°45 | 23°45 | 10°20 | 13° 2 | 17° 4 | 18°32 | 5°51 | 17°34 | 26°54 | 25°37 | 5°59 | 24°19 | | | | | | | | |
| S 25 | 10 51 57 | 14°50'13 | 20°23 | 19°59 | 24°55 | 10° 6 | 13° 7 | 17° 6 | 18°35 | 5°50 | 17°34 | 26°49 | 25°33 | 6° 5 | 24°19 | | | | | | | | |
| M26 | 10 55 54 | 15°50'00 | 4°II23 | 19° 9 | 26° 5 | 9°51 | 13°11 | 17° 8 | 18°38 | 5°50 | 17°34 | 26°47 | 25°30 | 6°12 | 24°R19 | | | | | | | | |
| T 27 | 10 59 51 | 16°49'45 | 17°57 | 18°15 | 27°15 | 9°35 | 13°16 | 17°10 | 18°41 | 5°50 | 17°34 | 26°D46 | 25°27 | 6°19 | 24°19 | | | | | | | | |
| W28 | 11 3 47 | 17°49'27 | 1°Ω 8 | 17°II19 | 28°II25 | 9°19 | 13°20 | 17°II12 | 18°45 | 5°49 | 17°II34 | 26°547 | 25°24 | 6°26 | 24°II19 | | | | | | | | |

Delta T = 273.25 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1414

MARCH 1414 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|-------------------|--------------------|
| T 1 | 11 7 44 | 18 Ⅹ 49°07 | 13 ☾ 58 | 16°R23 | 29 ⅴ 35 | 9°R 2 | 13 ♂ 24 | 17 Ⅱ 14 | 18 ≈ 48 | 5°R49 | 17 Ⅱ 34 | 26 ☾ 48 | 25 ☾ 21 | 6 ♁ 32 | 24°R18 |
| F 2 | 11 11 40 | 19°48'44 | 26°31 | 15 Ⅹ 27 | 0 ♁ 44 | 8 ♁ 44 | 13°28 | 17°17 | 18°51 | 5 ☾ 49 | 17°34 | 26°R49 | 25°18 | 6°39 | 24 Ⅱ 18 |
| S 3 | 11 15 37 | 20°48'19 | 8 ♁ 51 | 14°33 | 1°54 | 8°26 | 13°32 | 17°19 | 18°54 | 5°49 | 17°35 | 26°48 | 25°14 | 6°46 | 24°17 |
| S 4 | 11 19 33 | 21°47'52 | 21° 1 | 13°42 | 3° 3 | 8° 7 | 13°35 | 17°22 | 18°57 | 5°48 | 17°35 | 26°45 | 25°11 | 6°52 | 24°17 |
| M 5 | 11 23 30 | 22°47'23 | 3 Ⅱ 3 | 12°53 | 4°12 | 7°48 | 13°39 | 17°24 | 19° 0 | 5°48 | 17°35 | 26°39 | 25° 8 | 6°59 | 24°16 |
| T 6 | 11 27 26 | 23°46'52 | 15° 1 | 12°10 | 5°21 | 7°28 | 13°42 | 17°27 | 19° 3 | 5°48 | 17°35 | 26°31 | 25° 5 | 7° 6 | 24°15 |
| W 7 | 11 31 23 | 24°46'18 | 26°55 | 11°31 | 6°30 | 7° 8 | 13°45 | 17°30 | 19° 6 | 5°48 | 17°36 | 26°21 | 25° 2 | 7°13 | 24°14 |
| T 8 | 11 35 20 | 25°45'43 | 8 ♁ 48 | 10°57 | 7°39 | 6°47 | 13°48 | 17°33 | 19° 9 | 5°48 | 17°36 | 26°10 | 24°58 | 7°19 | 24°13 |
| F 9 | 11 39 16 | 26°45'05 | 20°40 | 10°29 | 8°47 | 6°26 | 13°50 | 17°36 | 19°12 | 5°D48 | 17°36 | 25°58 | 24°55 | 7°26 | 24°12 |
| S 10 | 11 43 13 | 27°44'25 | 2 Ⅱ 34 | 10° 7 | 9°55 | 6° 4 | 13°53 | 17°39 | 19°15 | 5°48 | 17°37 | 25°47 | 24°52 | 7°33 | 24°11 |
| S 11 | 11 47 9 | 28°43'44 | 14°31 | 9°51 | 11° 4 | 5°42 | 13°55 | 17°43 | 19°18 | 5°48 | 17°37 | 25°37 | 24°49 | 7°39 | 24°10 |
| M12 | 11 51 6 | 29°43'01 | 26°34 | 9°40 | 12°12 | 5°20 | 13°57 | 17°46 | 19°21 | 5°48 | 17°37 | 25°30 | 24°46 | 7°46 | 24° 8 |
| T 13 | 11 55 2 | 0 ⅴ 42'15 | 8 ♁ 47 | 9°D36 | 13°19 | 4°58 | 13°59 | 17°49 | 19°23 | 5°48 | 17°38 | 25°25 | 24°43 | 7°53 | 24° 7 |
| W14 | 11 58 59 | 1°41'29 | 21°13 | 9°37 | 14°27 | 4°35 | 14° 1 | 17°53 | 19°26 | 5°49 | 17°38 | 25°23 | 24°39 | 8° 0 | 24° 5 |
| T 15 | 12 2 55 | 2°40'40 | 3 ☾ 56 | 9°44 | 15°35 | 4°12 | 14° 2 | 17°57 | 19°29 | 5°49 | 17°39 | 25°D22 | 24°36 | 8° 6 | 24° 4 |
| F 16 | 12 6 52 | 3°39'49 | 17° 2 | 9°56 | 16°42 | 3°49 | 14° 4 | 18° 0 | 19°32 | 5°49 | 17°39 | 25°22 | 24°33 | 8°13 | 24° 2 |
| S 17 | 12 10 49 | 4°38'57 | 0 ≈ 33 | 10°13 | 17°49 | 3°26 | 14° 5 | 18° 4 | 19°34 | 5°49 | 17°40 | 25°R22 | 24°30 | 8°20 | 24° 0 |
| S 18 | 12 14 45 | 5°38'03 | 14°32 | 10°35 | 18°56 | 3° 2 | 14° 6 | 18° 8 | 19°37 | 5°50 | 17°40 | 25°21 | 24°27 | 8°26 | 23°58 |
| M19 | 12 18 42 | 6°37'07 | 29° 0 | 11° 1 | 20° 3 | 2°39 | 14° 7 | 18°12 | 19°40 | 5°50 | 17°41 | 25°17 | 24°24 | 8°33 | 23°56 |
| T 20 | 12 22 38 | 7°36'09 | 13 Ⅹ 53 | 11°32 | 21° 9 | 2°16 | 14° 7 | 18°17 | 19°42 | 5°50 | 17°41 | 25°11 | 24°20 | 8°40 | 23°54 |
| W21 | 12 26 35 | 8°35'09 | 29° 5 | 12° 7 | 22°15 | 1°53 | 14° 8 | 18°21 | 19°45 | 5°51 | 17°42 | 25° 2 | 24°17 | 8°47 | 23°51 |
| T 22 | 12 30 31 | 9°34'08 | 14 ⅴ 55 | 12°46 | 23°21 | 1°30 | 14° 8 | 18°25 | 19°47 | 5°51 | 17°43 | 24°52 | 24°14 | 8°53 | 23°49 |
| F 23 | 12 34 28 | 10°33'04 | 29°42 | 13°29 | 24°27 | 1° 7 | 14°R 8 | 18°29 | 19°50 | 5°52 | 17°43 | 24°41 | 24°11 | 9° 0 | 23°47 |
| S 24 | 12 38 24 | 11°31'58 | 14 ♁ 44 | 14°16 | 25°33 | 0°45 | 14° 8 | 18°34 | 19°52 | 5°52 | 17°44 | 24°32 | 24° 8 | 9° 7 | 23°44 |
| S 25 | 12 42 21 | 12°30'50 | 29°24 | 15° 6 | 26°38 | 0°23 | 14° 8 | 18°39 | 19°55 | 5°53 | 17°45 | 24°24 | 24° 4 | 9°13 | 23°41 |
| M26 | 12 46 18 | 13°29'39 | 13 Ⅱ 36 | 15°59 | 27°44 | 0° 1 | 14° 7 | 18°43 | 19°57 | 5°53 | 17°45 | 24°18 | 24° 1 | 9°20 | 23°39 |
| T 27 | 12 50 14 | 14°28'27 | 27°19 | 16°55 | 28°48 | 29 Ⅱ 39 | 14° 7 | 18°48 | 20° 0 | 5°54 | 17°46 | 24°16 | 23°58 | 9°27 | 23°36 |
| W28 | 12 54 11 | 15°27'12 | 10 ☾ 33 | 17°54 | 29°53 | 29°18 | 14° 6 | 18°53 | 20° 2 | 5°54 | 17°47 | 24°15 | 23°55 | 9°34 | 23°33 |
| T 29 | 12 58 7 | 16°25'55 | 23°22 | 18°56 | 0 Ⅱ 58 | 28°57 | 14° 5 | 18°58 | 20° 4 | 5°55 | 17°48 | 24°15 | 23°52 | 9°40 | 23°30 |
| F 30 | 13 2 4 | 17°24'35 | 5 ♁ 51 | 20° 0 | 2° 2 | 28°37 | 14° 3 | 19° 3 | 20° 6 | 5°56 | 17°48 | 24°14 | 23°49 | 9°47 | 23°27 |
| S 31 | 13 6 0 | 18 ⅴ 23'13 | 18 ♁ 5 | 21 Ⅹ 7 | 3 Ⅱ 6 | 28 Ⅱ 17 | 14 ♁ 2 | 19 Ⅱ 8 | 20 ≈ 9 | 5 ☾ 56 | 17 Ⅱ 49 | 24 ☾ 13 | 23 ☾ 45 | 9 ♁ 54 | 23 Ⅱ 24 |

Delta T = 273.14 sec. Julian Calendar 1 March 1414 == Greg. Calendar 10 March 1414

APRIL 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| S 1 | 13 9 57 | 19 ⅴ 21'49 | 0 Ⅱ 8 | 22 Ⅹ 17 | 4 Ⅱ 9 | 27°R58 | 14°R 0 | 19 Ⅱ 13 | 20 ≈ 11 | 5 ☾ 57 | 17 Ⅱ 50 | 24°R 9 | 23 ☾ 42 | 10 ♁ 0 | 23°R21 |
| M 2 | 13 13 53 | 20°20'23 | 12° 4 | 23°29 | 5°13 | 27 Ⅱ 40 | 13 ♁ 58 | 19°18 | 20°13 | 5°58 | 17°51 | 24 ☾ 2 | 23°39 | 10° 7 | 23 Ⅱ 18 |
| T 3 | 13 17 50 | 21°18'55 | 23°57 | 24°43 | 6°16 | 27°22 | 13°56 | 19°23 | 20°15 | 5°59 | 17°52 | 23°52 | 23°36 | 10°14 | 23°14 |
| W 4 | 13 21 47 | 22°17'24 | 5 ♁ 48 | 25°59 | 7°18 | 27° 4 | 13°54 | 19°29 | 20°17 | 6° 0 | 17°52 | 23°40 | 23°33 | 10°21 | 23°11 |
| T 5 | 13 25 43 | 23°15'52 | 17°41 | 27°18 | 8°21 | 26°48 | 13°52 | 19°34 | 20°19 | 6° 1 | 17°53 | 23°26 | 23°30 | 10°27 | 23° 8 |
| F 6 | 13 29 40 | 24°14'18 | 29°36 | 28°39 | 9°23 | 26°31 | 13°49 | 19°40 | 20°21 | 6° 1 | 17°54 | 23°11 | 23°26 | 10°34 | 23° 4 |
| S 7 | 13 33 36 | 25°12'42 | 11 Ⅱ 34 | 0 ⅴ 1 | 10°24 | 26°16 | 13°47 | 19°45 | 20°23 | 6° 2 | 17°55 | 22°58 | 23°23 | 10°41 | 23° 1 |
| S 8 | 13 37 33 | 26°11'04 | 23°38 | 1°26 | 11°26 | 26° 1 | 13°44 | 19°51 | 20°25 | 6° 3 | 17°56 | 22°46 | 23°20 | 10°48 | 22°57 |
| M 9 | 13 41 29 | 27° 9'24 | 5 ♁ 48 | 2°52 | 12°27 | 25°47 | 13°41 | 19°57 | 20°27 | 6° 4 | 17°57 | 22°37 | 23°17 | 10°54 | 22°53 |
| T 10 | 13 45 26 | 28° 7'43 | 18° 7 | 4°21 | 13°27 | 25°34 | 13°37 | 20° 2 | 20°28 | 6° 5 | 17°58 | 22°30 | 23°14 | 11° 1 | 22°50 |
| W11 | 13 49 22 | 29° 6'00 | 0 ☾ 38 | 5°52 | 14°28 | 25°22 | 13°34 | 20° 8 | 20°30 | 6° 7 | 17°59 | 22°27 | 23°10 | 11° 8 | 22°46 |
| T 12 | 13 53 19 | 0 ♁ 4'15 | 13°23 | 7°24 | 15°28 | 25°10 | 13°30 | 20°14 | 20°32 | 6° 8 | 18° 0 | 22°25 | 23° 7 | 11°14 | 22°42 |
| F 13 | 13 57 16 | 1° 2'29 | 26°27 | 8°58 | 16°27 | 24°59 | 13°27 | 20°20 | 20°34 | 6° 9 | 18° 1 | 22°25 | 23° 4 | 11°21 | 22°38 |
| S 14 | 14 1 12 | 2° 0'42 | 9 ≈ 52 | 10°34 | 17°26 | 24°49 | 13°23 | 20°26 | 20°35 | 6°10 | 18° 2 | 22°25 | 23° 1 | 11°28 | 22°34 |
| S 15 | 14 5 9 | 2°58'53 | 23°42 | 12°12 | 18°25 | 24°39 | 13°19 | 20°32 | 20°37 | 6°11 | 18° 3 | 22°24 | 22°58 | 11°35 | 22°30 |
| M16 | 14 9 5 | 3°57'02 | 7 Ⅹ 57 | 13°52 | 19°23 | 24°31 | 13°14 | 20°39 | 20°38 | 6°12 | 18° 4 | 22°20 | 22°55 | 11°41 | 22°26 |
| T 17 | 14 13 2 | 4°55'10 | 22°37 | 15°34 | 20°21 | 24°23 | 13°10 | 20°45 | 20°40 | 6°14 | 18° 5 | 22°14 | 22°51 | 11°48 | 22°22 |
| W18 | 14 16 58 | 5°53'17 | 7 ⅴ 36 | 17°18 | 21°18 | 24°16 | 13° 5 | 20°51 | 20°41 | 6°15 | 18° 6 | 22° 6 | 22°48 | 11°55 | 22°18 |
| T 19 | 14 20 55 | 6°51'22 | 22°47 | 19° 3 | 22°15 | 24° 9 | 13° 1 | 20°57 | 20°43 | 6°16 | 18° 7 | 21°56 | 22°45 | 12° 1 | 22°14 |
| F 20 | 14 24 51 | 7°49'25 | 7 ♁ 59 | 20°50 | 23°12 | 24° 4 | 12°56 | 21° 4 | 20°44 | 6°17 | 18° 9 | 21°45 | 22°42 | 12° 8 | 22°10 |
| S 21 | 14 28 48 | 8°47'27 | 23° 1 | 22°40 | 24° 7 | 23°59 | 12°51 | 21°10 | 20°45 | 6°19 | 18°10 | 21°36 | 22°39 | 12°15 | 22° 5 |
| S 22 | 14 32 44 | 9°45'27 | 7 Ⅱ 45 | 24°31 | 25° 3 | 23°56 | 12°46 | 21°17 | 20°47 | 6°20 | 18°11 | 21°28 | 22°35 | 12°22 | 22° 1 |
| M23 | 14 36 41 | 10°43'26 | 22° 2 | 26°24 | 25°58 | 23°53 | 12°40 | 21°23 | 20°48 | 6°22 | 18°12 | 21°22 | 22°32 | 12°28 | 21°57 |
| T 24 | 14 40 38 | 11°41'23 | 5 ☾ 52 | 28°18 | 26°52 | 23°50 | 12°35 | 21°30 | 20°49 | 6°23 | 18°13 | 21°19 | 22°29 | 12°35 | 21°53 |
| W25 | 14 44 34 | 12°39'18 | 19°12 | 0 ♁ 15 | 27°46 | 23°49 | 12°29 | 21°37 | 20°50 | 6°24 | 18°14 | 21°D18 | 22°26 | 12°42 | 21°48 |
| T 26 | 14 48 31 | 13°37'11 | 2 ♁ 6 | 2°14 | 28°39 | 23°D48 | 12°23 | 21°43 | 20°51 | 6°26 | 18°16 | 21°18 | 22°23 | 12°49 | 21°44 |
| F 27 | 14 52 27 | 14°35'02 | 14°38 | 4°14 | 29°31 | 23°48 | 12°18 | 21°50 | 20°52 | 6°27 | 18°17 | 21°R19 | 22°20 | 12°55 | 21°40 |
| S 28 | 14 56 24 | 15°32'51 | 26°53 | 6°16 | 0 ☾ 23 | 23°49 | 12°12 | 21°57 | 20°53 | 6°29 | 18°18 | 21°18 | 22°16 | 13° 2 | 21°35 |
| S 29 | 15 0 20 | 16°30'39 | 8 Ⅱ 55 | 8°20 | 1°14 | 23°51 | 12° 6 | 22° 4 | 20°54 | 6°31 | 18°19 | 21°16 | 22°13 | 13° 9 | 21°31 |
| M30 | 15 4 17 | 17 ♁ 28'24 | 20 Ⅱ 50 | 10 ♁ 25 | 2 ☾ 4 | 23 Ⅱ 53 | 11 ♁ 59 | 22 Ⅱ 11 | 20 ≈ 55 | 6 ☾ 32 | 18 Ⅱ 20 | 21 ☾ 11 | 22 ☾ 10 | 13 ♁ 15 | 21 Ⅱ 26 |

Delta T = 273.02 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1414

MAY 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|-------|-------|-------|--------|-------|--------|------|-------|--------|-------|-------|--------|---|---|---|---|---|---|---|---|
| T 1 | 15 8 13 | 18♁26'09 | 2♂41 | 12♂31 | 2♁54 | 23♎56 | 11°R53 | 22♎18 | 20♁56 | 6♁34 | 18♎22 | 21°R 4 | 22♁ 7 | 13♂22 | 21°R22 | | | | | | | | |
| W 2 | 15 12 10 | 19°23'51 | 14°33 | 14°39 | 3°43 | 24° 0 | 11♁46 | 22°25 | 20°57 | 6°35 | 18°23 | 20♁54 | 22° 4 | 13°29 | 21♎18 | | | | | | | | |
| T 3 | 15 16 7 | 20°21'32 | 26°27 | 16°49 | 4°31 | 24° 5 | 11°40 | 22°32 | 20°58 | 6°37 | 18°24 | 20°44 | 22° 1 | 13°36 | 21°13 | | | | | | | | |
| F 4 | 15 20 3 | 21°19'12 | 8♎27 | 18°59 | 5°18 | 24°10 | 11°33 | 22°39 | 20°58 | 6°39 | 18°26 | 20°32 | 21°57 | 13°42 | 21° 9 | | | | | | | | |
| S 5 | 15 24 0 | 22°16'51 | 20°33 | 21°10 | 6° 5 | 24°16 | 11°27 | 22°46 | 20°59 | 6°40 | 18°27 | 20°22 | 21°54 | 13°49 | 21° 4 | | | | | | | | |
| S 6 | 15 27 56 | 23°14'28 | 2♁47 | 23°21 | 6°51 | 24°23 | 11°20 | 22°53 | 20°59 | 6°42 | 18°28 | 20°12 | 21°51 | 13°56 | 21° 0 | | | | | | | | |
| M 7 | 15 31 53 | 24°12'04 | 15°10 | 25°33 | 7°35 | 24°30 | 11°13 | 23° 0 | 21° 0 | 6°44 | 18°29 | 20° 5 | 21°48 | 14° 2 | 20°56 | | | | | | | | |
| T 8 | 15 35 49 | 25° 9'38 | 27°43 | 27°44 | 8°19 | 24°38 | 11° 6 | 23° 8 | 21° 1 | 6°45 | 18°31 | 20° 1 | 21°45 | 14° 9 | 20°51 | | | | | | | | |
| W 9 | 15 39 46 | 26° 7'12 | 10♁26 | 29°56 | 9° 2 | 24°47 | 10°59 | 23°15 | 21° 1 | 6°47 | 18°32 | 19°58 | 21°41 | 14°16 | 20°47 | | | | | | | | |
| T 10 | 15 43 43 | 27° 4'45 | 23°22 | 2♎ 6 | 9°44 | 24°56 | 10°52 | 23°22 | 21° 1 | 6°49 | 18°33 | 19°D58 | 21°38 | 14°23 | 20°43 | | | | | | | | |
| F 11 | 15 47 39 | 28° 2'17 | 6♁34 | 4°16 | 10°24 | 25° 6 | 10°44 | 23°29 | 21° 2 | 6°51 | 18°35 | 19°59 | 21°35 | 14°29 | 20°38 | | | | | | | | |
| S 12 | 15 51 36 | 28°59'47 | 20° 2 | 6°25 | 11° 4 | 25°17 | 10°37 | 23°37 | 21° 2 | 6°53 | 18°36 | 20° 0 | 21°32 | 14°36 | 20°34 | | | | | | | | |
| S 13 | 15 55 32 | 29°57'17 | 3♁48 | 8°33 | 11°42 | 25°28 | 10°30 | 23°44 | 21° 2 | 6°55 | 18°37 | 20°R 0 | 21°29 | 14°43 | 20°30 | | | | | | | | |
| M14 | 15 59 29 | 0♎54'47 | 17°54 | 10°39 | 12°20 | 25°39 | 10°22 | 23°52 | 21° 3 | 6°56 | 18°39 | 19°59 | 21°26 | 14°50 | 20°25 | | | | | | | | |
| T 15 | 16 3 25 | 1°52'15 | 2♎19 | 12°43 | 12°56 | 25°52 | 10°15 | 23°59 | 21° 3 | 6°58 | 18°40 | 19°55 | 21°22 | 14°56 | 20°21 | | | | | | | | |
| W16 | 16 7 22 | 2°49'43 | 16°59 | 14°45 | 13°31 | 26° 5 | 10° 7 | 24° 7 | 21° 3 | 7° 0 | 18°42 | 19°50 | 21°19 | 15° 3 | 20°17 | | | | | | | | |
| T 17 | 16 11 18 | 3°47'10 | 1♁48 | 16°46 | 14° 4 | 26°18 | 10° 0 | 24°14 | 21° 3 | 7° 2 | 18°43 | 19°44 | 21°16 | 15°10 | 20°13 | | | | | | | | |
| F 18 | 16 15 15 | 4°44'36 | 16°40 | 18°44 | 14°37 | 26°32 | 9°52 | 24°22 | 21°R 3 | 7° 4 | 18°44 | 19°37 | 21°13 | 15°16 | 20° 8 | | | | | | | | |
| S 19 | 16 19 12 | 5°42'02 | 1♎26 | 20°40 | 15° 8 | 26°47 | 9°45 | 24°29 | 21° 3 | 7° 6 | 18°46 | 19°31 | 21°10 | 15°23 | 20° 4 | | | | | | | | |
| S 20 | 16 23 8 | 6°39'26 | 15°58 | 22°33 | 15°37 | 27° 2 | 9°37 | 24°37 | 21° 3 | 7° 8 | 18°47 | 19°26 | 21° 7 | 15°30 | 20° 0 | | | | | | | | |
| M21 | 16 27 5 | 7°36'50 | 0♁10 | 24°24 | 16° 5 | 27°18 | 9°29 | 24°44 | 21° 3 | 7°10 | 18°49 | 19°22 | 21° 3 | 15°37 | 19°56 | | | | | | | | |
| T 22 | 16 31 1 | 8°34'13 | 13°57 | 26°12 | 16°31 | 27°34 | 9°22 | 24°52 | 21° 2 | 7°12 | 18°50 | 19°D21 | 21° 0 | 15°43 | 19°52 | | | | | | | | |
| W23 | 16 34 58 | 9°31'34 | 27°19 | 27°58 | 16°56 | 27°51 | 9°14 | 25° 0 | 21° 2 | 7°14 | 18°51 | 19°21 | 20°57 | 15°50 | 19°48 | | | | | | | | |
| T 24 | 16 38 54 | 10°28'55 | 10♎16 | 29°42 | 17°19 | 28° 8 | 9° 6 | 25° 7 | 21° 2 | 7°16 | 18°53 | 19°22 | 20°54 | 15°57 | 19°44 | | | | | | | | |
| F 25 | 16 42 51 | 11°26'15 | 22°52 | 1♁23 | 17°40 | 28°25 | 8°59 | 25°15 | 21° 2 | 7°18 | 18°54 | 19°24 | 20°51 | 16° 3 | 19°40 | | | | | | | | |
| S 26 | 16 46 47 | 12°23'33 | 5♎ 9 | 3° 1 | 17°59 | 28°44 | 8°51 | 25°23 | 21° 1 | 7°20 | 18°56 | 19°25 | 20°47 | 16°10 | 19°37 | | | | | | | | |
| S 27 | 16 50 44 | 13°20'51 | 17°14 | 4°36 | 18°17 | 29° 2 | 8°43 | 25°31 | 21° 1 | 7°22 | 18°57 | 19°R25 | 20°44 | 16°17 | 19°33 | | | | | | | | |
| M28 | 16 54 41 | 14°18'07 | 29°10 | 6° 9 | 18°32 | 29°21 | 8°36 | 25°38 | 21° 0 | 7°24 | 18°58 | 19°24 | 20°41 | 16°24 | 19°29 | | | | | | | | |
| T 29 | 16 58 37 | 15°15'23 | 11♁ 3 | 7°39 | 18°46 | 29°41 | 8°28 | 25°46 | 21° 0 | 7°26 | 19° 0 | 19°21 | 20°38 | 16°30 | 19°25 | | | | | | | | |
| W30 | 17 2 34 | 16°12'38 | 22°56 | 9° 7 | 18°57 | 0♁ 1 | 8°21 | 25°54 | 20°59 | 7°28 | 19° 1 | 19°17 | 20°35 | 16°37 | 19°22 | | | | | | | | |
| T 31 | 17 6 30 | 17♎ 9'52 | 4♎54 | 10♁32 | 19♁ 7 | 0♁21 | 8♁13 | 26♎ 2 | 20♁59 | 7♁30 | 19♎ 3 | 19♁12 | 20♁32 | 16♁44 | 19♎18 | | | | | | | | |

Delta T = 272.91 sec. Julian Calendar 1 May 1414 == Greg. Calendar 10 May 1414

JUNE 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|--------|--------|-------|-------|-------|--------|------|-------|--------|-------|-------|--------|---|---|---|---|---|---|---|---|
| F 1 | 17 10 27 | 18♎ 7'06 | 16♎59 | 11♁54 | 19♁14 | 0♁42 | 8°R 6 | 26♎ 9 | 20°R58 | 7♁33 | 19♎ 4 | 19°R 7 | 20♁28 | 16♁51 | 19°R15 | | | | | | | | |
| S 2 | 17 14 23 | 19° 4'19 | 29°14 | 13°13 | 19°19 | 1° 4 | 7♁58 | 26°17 | 20♁57 | 7°35 | 19° 6 | 19♁ 2 | 20°25 | 16°57 | 19♎11 | | | | | | | | |
| S 3 | 17 18 20 | 20° 1'31 | 11♁40 | 14°30 | 19°22 | 1°25 | 7°51 | 26°25 | 20°57 | 7°37 | 19° 7 | 18°57 | 20°22 | 17° 4 | 19° 8 | | | | | | | | |
| M 4 | 17 22 16 | 20°58'43 | 24°18 | 15°43 | 19°R22 | 1°47 | 7°44 | 26°33 | 20°56 | 7°39 | 19° 8 | 18°54 | 20°19 | 17°11 | 19° 5 | | | | | | | | |
| T 5 | 17 26 13 | 21°55'55 | 7♁ 9 | 16°54 | 19°20 | 2°10 | 7°36 | 26°41 | 20°55 | 7°41 | 19°10 | 18°52 | 20°16 | 17°17 | 19° 1 | | | | | | | | |
| W 6 | 17 30 10 | 22°53'06 | 20°12 | 18° 2 | 19°16 | 2°33 | 7°29 | 26°48 | 20°54 | 7°43 | 19°11 | 18°D52 | 20°13 | 17°24 | 18°58 | | | | | | | | |
| T 7 | 17 34 6 | 23°50'17 | 3♁29 | 19° 6 | 19° 9 | 2°56 | 7°22 | 26°56 | 20°53 | 7°46 | 19°13 | 18°53 | 20° 9 | 17°31 | 18°55 | | | | | | | | |
| F 8 | 17 38 3 | 24°47'28 | 16°58 | 20° 8 | 19° 0 | 3°20 | 7°15 | 27° 4 | 20°52 | 7°48 | 19°14 | 18°54 | 20° 6 | 17°38 | 18°52 | | | | | | | | |
| S 9 | 17 41 59 | 25°44'39 | 0♁39 | 21° 6 | 18°49 | 3°44 | 7° 8 | 27°12 | 20°51 | 7°50 | 19°16 | 18°55 | 20° 3 | 17°44 | 18°49 | | | | | | | | |
| S 10 | 17 45 56 | 26°41'49 | 14°33 | 22° 1 | 18°35 | 4° 8 | 7° 1 | 27°20 | 20°50 | 7°52 | 19°17 | 18°56 | 20° 0 | 17°51 | 18°46 | | | | | | | | |
| M11 | 17 49 52 | 27°39'00 | 28°38 | 22°52 | 18°18 | 4°33 | 6°55 | 27°28 | 20°49 | 7°54 | 19°18 | 18°R57 | 19°57 | 17°58 | 18°43 | | | | | | | | |
| T 12 | 17 53 49 | 28°36'11 | 12♎54 | 23°40 | 18° 0 | 4°58 | 6°48 | 27°35 | 20°48 | 7°56 | 19°20 | 18°56 | 19°53 | 18° 5 | 18°41 | | | | | | | | |
| W13 | 17 57 45 | 29°33'22 | 27°16 | 24°25 | 17°39 | 5°23 | 6°41 | 27°43 | 20°47 | 7°59 | 19°21 | 18°55 | 19°50 | 18°11 | 18°38 | | | | | | | | |
| T 14 | 18 1 42 | 0♁30'34 | 11♁42 | 25° 5 | 17°16 | 5°49 | 6°35 | 27°51 | 20°45 | 8° 1 | 19°23 | 18°53 | 19°47 | 18°18 | 18°36 | | | | | | | | |
| F 15 | 18 5 39 | 1°27'45 | 26° 8 | 25°42 | 16°51 | 6°15 | 6°28 | 27°59 | 20°44 | 8° 3 | 19°24 | 18°51 | 19°44 | 18°25 | 18°33 | | | | | | | | |
| S 16 | 18 9 35 | 2°24'57 | 10♎28 | 26°14 | 16°24 | 6°41 | 6°22 | 28° 7 | 20°43 | 8° 5 | 19°26 | 18°48 | 19°41 | 18°31 | 18°31 | | | | | | | | |
| S 17 | 18 13 32 | 3°22'09 | 24°36 | 26°43 | 15°55 | 7° 8 | 6°16 | 28°15 | 20°41 | 8° 8 | 19°27 | 18°47 | 19°38 | 18°38 | 18°28 | | | | | | | | |
| M18 | 18 17 28 | 4°19'21 | 8♁30 | 27° 7 | 15°25 | 7°35 | 6°10 | 28°23 | 20°40 | 8°10 | 19°28 | 18°46 | 19°34 | 18°45 | 18°26 | | | | | | | | |
| T 19 | 18 21 25 | 5°16'33 | 22° 4 | 27°27 | 14°53 | 8° 2 | 6° 4 | 28°30 | 20°39 | 8°12 | 19°30 | 18°D46 | 19°31 | 18°52 | 18°24 | | | | | | | | |
| W20 | 18 25 21 | 6°13'45 | 5♎19 | 27°42 | 14°19 | 8°29 | 5°58 | 28°38 | 20°37 | 8°14 | 19°31 | 18°46 | 19°28 | 18°58 | 18°22 | | | | | | | | |
| T 21 | 18 29 18 | 7°10'56 | 18°13 | 27°53 | 13°44 | 8°57 | 5°53 | 28°46 | 20°36 | 8°17 | 19°32 | 18°47 | 19°25 | 19° 5 | 18°20 | | | | | | | | |
| F 22 | 18 33 14 | 8° 8'08 | 0♎48 | 27°59 | 13° 9 | 9°25 | 5°47 | 28°54 | 20°34 | 8°19 | 19°34 | 18°48 | 19°22 | 19°12 | 18°18 | | | | | | | | |
| S 23 | 18 37 11 | 9° 5'20 | 13° 7 | 28°R 0 | 12°32 | 9°54 | 5°42 | 29° 2 | 20°33 | 8°21 | 19°35 | 18°49 | 19°19 | 19°19 | 18°16 | | | | | | | | |
| S 24 | 18 41 8 | 10° 2'31 | 25°14 | 27°57 | 11°55 | 10°23 | 5°37 | 29° 9 | 20°31 | 8°23 | 19°37 | 18°50 | 19°15 | 19°25 | 18°15 | | | | | | | | |
| M25 | 18 45 4 | 10°59'43 | 7♁11 | 27°48 | 11°18 | 10°52 | 5°32 | 29°17 | 20°29 | 8°25 | 19°38 | 18°R50 | 19°12 | 19°32 | 18°13 | | | | | | | | |
| T 26 | 18 49 1 | 11°56'54 | 19° 5 | 27°36 | 10°40 | 11°21 | 5°27 | 29°25 | 20°28 | 8°28 | 19°39 | 18°50 | 19° 9 | 19°39 | 18°12 | | | | | | | | |
| W27 | 18 52 57 | 12°54'06 | 1♎ 0 | 27°18 | 10° 3 | 11°50 | 5°22 | 29°32 | 20°26 | 8°30 | 19°41 | 18°50 | 19° 6 | 19°45 | 18°10 | | | | | | | | |
| T 28 | 18 56 54 | 13°51'18 | 12°59 | 26°56 | 9°26 | 12°20 | 5°17 | 29°40 | 20°24 | 8°32 | 19°42 | 18°49 | 19° 3 | 19°52 | 18° 9 | | | | | | | | |
| F 29 | 19 0 50 | 14°48'30 | 25° 7 | 26°30 | 8°50 | 12°50 | 5°13 | 29°48 | 20°22 | 8°34 | 19°43 | 18°49 | 18°59 | 19°59 | 18° 8 | | | | | | | | |
| S 30 | 19 4 47 | 15♁45'42 | 7♁28 | 26♁ 1 | 8♁14 | 13♁21 | 5♁ 9 | 29♎56 | 20♁21 | 8♁37 | 19♎45 | 18♁48 | 18♁56 | 20♁ 6 | 18♎ 6 | | | | | | | | |

Delta T = 272.79 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1414

JULY 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♂ | ♃ | ♅ | ♁ | ♂ | ♃ | ♅ |
|------|----------|----------|-------|--------|-------|-------|-------|------|--------|------|-------|--------|-------|-------|--------|---|
| S 1 | 19 8 43 | 16☾42'55 | 20♂4 | 25°R27 | 7°R40 | 13♁51 | 5°R 5 | 0☾ 3 | 20°R19 | 8☾39 | 19♁46 | 18°R48 | 18☾53 | 20♁12 | 18°R 5 | |
| M 2 | 19 12 40 | 17°40'07 | 2☾57 | 24☾51 | 7☾ 7 | 14°22 | 5♂ 1 | 0°11 | 20♁17 | 8°41 | 19°47 | 18☾48 | 18°50 | 20°19 | 18♁ 5 | |
| T 3 | 19 16 37 | 18°37'21 | 16° 6 | 24°13 | 6°35 | 14°53 | 4°57 | 0°18 | 20°15 | 8°43 | 19°48 | 18°48 | 18°47 | 20°26 | 18° 4 | |
| W 4 | 19 20 33 | 19°34'35 | 29°33 | 23°32 | 6° 5 | 15°24 | 4°53 | 0°26 | 20°13 | 8°45 | 19°50 | 18°48 | 18°44 | 20°32 | 18° 3 | |
| T 5 | 19 24 30 | 20°31'49 | 13♁15 | 22°50 | 5°37 | 15°56 | 4°50 | 0°34 | 20°11 | 8°48 | 19°51 | 18°48 | 18°40 | 20°39 | 18° 2 | |
| F 6 | 19 28 26 | 21°29'04 | 27°10 | 22° 8 | 5°11 | 16°27 | 4°46 | 0°41 | 20° 9 | 8°50 | 19°52 | 18°47 | 18°37 | 20°46 | 18° 2 | |
| S 7 | 19 32 23 | 22°26'20 | 11♁14 | 21°27 | 4°47 | 16°59 | 4°43 | 0°49 | 20° 7 | 8°52 | 19°53 | 18°47 | 18°34 | 20°53 | 18° 1 | |
| S 8 | 19 36 19 | 23°23'36 | 25°26 | 20°46 | 4°25 | 17°31 | 4°40 | 0°56 | 20° 5 | 8°54 | 19°55 | 18°47 | 18°31 | 20°59 | 18° 1 | |
| M 9 | 19 40 16 | 24°20'54 | 9♁41 | 20° 7 | 4° 5 | 18° 4 | 4°38 | 1° 3 | 20° 3 | 8°56 | 19°56 | 18°46 | 18°28 | 21° 6 | 18° 1 | |
| T 10 | 19 44 13 | 25°18'13 | 23°56 | 19°30 | 3°48 | 18°36 | 4°35 | 1°11 | 20° 1 | 8°58 | 19°57 | 18°D46 | 18°25 | 21°13 | 18° 1 | |
| W11 | 19 48 9 | 26°15'32 | 8♁10 | 18°57 | 3°33 | 19° 9 | 4°32 | 1°18 | 19°59 | 9° 1 | 19°58 | 18°46 | 18°21 | 21°20 | 18°D 1 | |
| T 12 | 19 52 6 | 27°12'53 | 22°18 | 18°28 | 3°20 | 19°42 | 4°30 | 1°26 | 19°57 | 9° 3 | 19°59 | 18°47 | 18°18 | 21°26 | 18° 1 | |
| F 13 | 19 56 2 | 28°10'15 | 6♁20 | 18° 3 | 3°10 | 20°15 | 4°28 | 1°33 | 19°55 | 9° 5 | 20° 1 | 18°47 | 18°15 | 21°33 | 18° 1 | |
| S 14 | 19 59 59 | 29° 7'39 | 20°12 | 17°43 | 3° 2 | 20°49 | 4°26 | 1°40 | 19°52 | 9° 7 | 20° 2 | 18°48 | 18°12 | 21°40 | 18° 1 | |
| S 15 | 20 3 55 | 0♁ 5'03 | 3☾53 | 17°28 | 2°57 | 21°22 | 4°25 | 1°48 | 19°50 | 9° 9 | 20° 3 | 18°49 | 18° 9 | 21°46 | 18° 1 | |
| M16 | 20 7 52 | 1° 2'28 | 17°22 | 17°19 | 2°54 | 21°56 | 4°23 | 1°55 | 19°48 | 9°11 | 20° 4 | 18°R49 | 18° 5 | 21°53 | 18° 2 | |
| T 17 | 20 11 48 | 1°59'54 | 0♁37 | 17°D17 | 2°D53 | 22°30 | 4°22 | 2° 2 | 19°46 | 9°13 | 20° 5 | 18°49 | 18° 2 | 22° 0 | 18° 2 | |
| W18 | 20 15 45 | 2°57'22 | 13°36 | 17°20 | 2°54 | 23° 4 | 4°21 | 2° 9 | 19°43 | 9°15 | 20° 6 | 18°48 | 17°59 | 22° 7 | 18° 3 | |
| T 19 | 20 19 42 | 3°54'50 | 26°20 | 17°30 | 2°58 | 23°39 | 4°20 | 2°16 | 19°41 | 9°18 | 20° 7 | 18°46 | 17°56 | 22°13 | 18° 4 | |
| F 20 | 20 23 38 | 4°52'19 | 8♁50 | 17°47 | 3° 4 | 24°13 | 4°19 | 2°23 | 19°39 | 9°20 | 20° 9 | 18°44 | 17°53 | 22°20 | 18° 5 | |
| S 21 | 20 27 35 | 5°49'48 | 21° 6 | 18°10 | 3°12 | 24°48 | 4°18 | 2°30 | 19°37 | 9°22 | 20°10 | 18°42 | 17°50 | 22°27 | 18° 6 | |
| S 22 | 20 31 31 | 6°47'19 | 3♁11 | 18°40 | 3°23 | 25°23 | 4°18 | 2°37 | 19°34 | 9°24 | 20°11 | 18°39 | 17°46 | 22°34 | 18° 7 | |
| M23 | 20 35 28 | 7°44'51 | 15° 8 | 19°16 | 3°35 | 25°58 | 4°18 | 2°44 | 19°32 | 9°26 | 20°12 | 18°37 | 17°43 | 22°40 | 18° 8 | |
| T 24 | 20 39 24 | 8°42'23 | 27° 1 | 20° 0 | 3°50 | 26°34 | 4°D18 | 2°51 | 19°30 | 9°28 | 20°13 | 18°36 | 17°40 | 22°47 | 18° 9 | |
| W25 | 20 43 21 | 9°39'57 | 8♁55 | 20°49 | 4° 6 | 27° 9 | 4°18 | 2°58 | 19°27 | 9°30 | 20°14 | 18°D35 | 17°37 | 22°54 | 18°10 | |
| T 26 | 20 47 17 | 10°37'31 | 20°53 | 21°46 | 4°24 | 27°45 | 4°18 | 3° 5 | 19°25 | 9°32 | 20°15 | 18°36 | 17°34 | 23° 0 | 18°12 | |
| F 27 | 20 51 14 | 11°35'06 | 3♁ 1 | 22°48 | 4°44 | 28°21 | 4°19 | 3°11 | 19°23 | 9°34 | 20°16 | 18°37 | 17°31 | 23° 7 | 18°13 | |
| S 28 | 20 55 11 | 12°32'43 | 15°24 | 23°56 | 5° 6 | 28°57 | 4°19 | 3°18 | 19°20 | 9°36 | 20°17 | 18°38 | 17°27 | 23°14 | 18°15 | |
| S 29 | 20 59 7 | 13°30'20 | 28° 4 | 25°11 | 5°30 | 29°33 | 4°20 | 3°25 | 19°18 | 9°37 | 20°18 | 18°40 | 17°24 | 23°21 | 18°17 | |
| M30 | 21 3 4 | 14°27'59 | 11☾ 5 | 26°31 | 5°55 | 0♁ 9 | 4°21 | 3°31 | 19°15 | 9°39 | 20°18 | 18°41 | 17°21 | 23°27 | 18°19 | |
| T 31 | 21 7 0 | 15♁25'39 | 24☾29 | 27☾56 | 6☾22 | 0♁45 | 4♂23 | 3☾38 | 19♁13 | 9☾41 | 20♁19 | 18°R41 | 17☾18 | 23♁34 | 18♁21 | |

Delta T = 272.68 sec. Julian Calendar 1 July 1414 == Greg. Calendar 10 July 1414

AUGUST 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♂ | ♃ | ♅ | ♁ | ♂ | ♃ | ♅ |
|------|----------|----------|-------|-------|-------|-------|------|------|--------|-------|-------|--------|-------|-------|-------|---|
| W 1 | 21 10 57 | 16♁23'20 | 8♁15 | 29☾26 | 6☾50 | 1♁22 | 4♂24 | 3☾44 | 19°R11 | 9☾43 | 20♁20 | 18°R40 | 17☾15 | 23♁41 | 18♁23 | |
| T 2 | 21 14 53 | 17°21'02 | 22°22 | 1♁ 1 | 7°20 | 1°59 | 4°26 | 3°51 | 19° 8 | 9°45 | 20°21 | 18☾37 | 17°11 | 23°47 | 18°25 | |
| F 3 | 21 18 50 | 18°18'45 | 6♁44 | 2°39 | 7°51 | 2°36 | 4°28 | 3°57 | 19° 6 | 9°47 | 20°22 | 18°34 | 17° 8 | 23°54 | 18°27 | |
| S 4 | 21 22 46 | 19°16'30 | 21°17 | 4°22 | 8°24 | 3°13 | 4°30 | 4° 4 | 19° 4 | 9°49 | 20°23 | 18°29 | 17° 5 | 24° 1 | 18°29 | |
| S 5 | 21 26 43 | 20°14'17 | 5♁54 | 6° 8 | 8°58 | 3°50 | 4°32 | 4°10 | 19° 1 | 9°50 | 20°24 | 18°25 | 17° 2 | 24° 8 | 18°32 | |
| M 6 | 21 30 40 | 21°12'06 | 20°28 | 7°57 | 9°34 | 4°28 | 4°34 | 4°16 | 18°59 | 9°52 | 20°24 | 18°21 | 16°59 | 24°14 | 18°34 | |
| T 7 | 21 34 36 | 22° 9'56 | 4♁54 | 9°49 | 10°10 | 5° 5 | 4°37 | 4°22 | 18°56 | 9°54 | 20°25 | 18°19 | 16°56 | 24°21 | 18°37 | |
| W 8 | 21 38 33 | 23° 7'48 | 19° 9 | 11°42 | 10°48 | 5°43 | 4°39 | 4°28 | 18°54 | 9°56 | 20°26 | 18°D18 | 16°52 | 24°28 | 18°39 | |
| T 9 | 21 42 29 | 24° 5'42 | 3♁ 9 | 13°38 | 11°27 | 6°21 | 4°42 | 4°34 | 18°52 | 9°57 | 20°27 | 18°18 | 16°49 | 24°35 | 18°42 | |
| F 10 | 21 46 26 | 25° 3'38 | 16°55 | 15°34 | 12° 7 | 6°59 | 4°45 | 4°40 | 18°49 | 9°59 | 20°27 | 18°19 | 16°46 | 24°41 | 18°45 | |
| S 11 | 21 50 22 | 26° 1'36 | 0☾26 | 17°32 | 12°49 | 7°37 | 4°48 | 4°46 | 18°47 | 10° 1 | 20°28 | 18°20 | 16°43 | 24°48 | 18°48 | |
| S 12 | 21 54 19 | 26°59'35 | 13°44 | 19°30 | 13°31 | 8°15 | 4°52 | 4°52 | 18°44 | 10° 3 | 20°29 | 18°R21 | 16°40 | 24°55 | 18°51 | |
| M13 | 21 58 15 | 27°57'37 | 26°49 | 21°28 | 14°14 | 8°54 | 4°56 | 4°58 | 18°42 | 10° 4 | 20°29 | 18°21 | 16°37 | 25° 1 | 18°54 | |
| T 14 | 22 2 12 | 28°55'40 | 9♁42 | 23°26 | 14°58 | 9°32 | 4°59 | 5° 4 | 18°40 | 10° 6 | 20°30 | 18°19 | 16°33 | 25° 8 | 18°58 | |
| W15 | 22 6 9 | 29°53'45 | 22°23 | 25°25 | 15°43 | 10°11 | 5° 3 | 5° 9 | 18°37 | 10° 7 | 20°31 | 18°15 | 16°30 | 25°15 | 19° 1 | |
| T 16 | 22 10 5 | 0♁51'51 | 4♁52 | 27°22 | 16°29 | 10°50 | 5° 7 | 5°15 | 18°35 | 10° 9 | 20°31 | 18° 9 | 16°27 | 25°22 | 19° 4 | |
| F 17 | 22 14 2 | 1°50'00 | 17°12 | 29°19 | 17°16 | 11°29 | 5°12 | 5°20 | 18°33 | 10°10 | 20°32 | 18° 2 | 16°24 | 25°28 | 19° 8 | |
| S 18 | 22 17 58 | 2°48'09 | 29°21 | 1♁16 | 18° 4 | 12° 8 | 5°16 | 5°26 | 18°30 | 10°12 | 20°32 | 17°53 | 16°21 | 25°35 | 19°11 | |
| S 19 | 22 21 55 | 3°46'21 | 11♁22 | 3°11 | 18°53 | 12°47 | 5°21 | 5°31 | 18°28 | 10°13 | 20°33 | 17°45 | 16°17 | 25°42 | 19°15 | |
| M20 | 22 25 51 | 4°44'34 | 23°17 | 5° 6 | 19°42 | 13°26 | 5°25 | 5°36 | 18°26 | 10°15 | 20°34 | 17°37 | 16°14 | 25°48 | 19°19 | |
| T 21 | 22 29 48 | 5°42'49 | 5♁ 8 | 7° 0 | 20°32 | 14° 6 | 5°30 | 5°42 | 18°24 | 10°16 | 20°34 | 17°31 | 16°11 | 25°55 | 19°23 | |
| W22 | 22 33 44 | 6°41'05 | 17° 8 | 8°53 | 21°22 | 14°45 | 5°35 | 5°47 | 18°21 | 10°18 | 20°35 | 17°27 | 16° 8 | 26° 2 | 19°27 | |
| T 23 | 22 37 41 | 7°39'23 | 28°56 | 10°44 | 22°14 | 15°25 | 5°41 | 5°52 | 18°19 | 10°19 | 20°35 | 17°25 | 16° 5 | 26° 9 | 19°31 | |
| F 24 | 22 41 38 | 8°37'43 | 11♁ 1 | 12°35 | 23° 6 | 16° 5 | 5°46 | 5°57 | 18°17 | 10°21 | 20°35 | 17°D24 | 16° 2 | 26°15 | 19°35 | |
| S 25 | 22 45 34 | 9°36'04 | 23°20 | 14°24 | 23°59 | 16°45 | 5°52 | 6° 2 | 18°15 | 10°22 | 20°36 | 17°25 | 15°58 | 26°22 | 19°39 | |
| S 26 | 22 49 31 | 10°34'27 | 5☾58 | 16°13 | 24°52 | 17°25 | 5°58 | 6° 6 | 18°13 | 10°23 | 20°36 | 17°26 | 15°55 | 26°29 | 19°43 | |
| M27 | 22 53 27 | 11°32'52 | 19° 0 | 18° 0 | 25°46 | 18° 6 | 6° 3 | 6°11 | 18°11 | 10°24 | 20°37 | 17°R27 | 15°52 | 26°36 | 19°48 | |
| T 28 | 22 57 24 | 12°31'18 | 2♁28 | 19°46 | 26°40 | 18°46 | 6° 9 | 6°16 | 18° 8 | 10°26 | 20°37 | 17°26 | 15°49 | 26°42 | 19°52 | |
| W29 | 23 1 20 | 13°29'45 | 16°24 | 21°31 | 27°36 | 19°26 | 6°16 | 6°20 | 18° 6 | 10°27 | 20°37 | 17°23 | 15°46 | 26°49 | 19°57 | |
| T 30 | 23 5 17 | 14°28'15 | 0♁46 | 23°15 | 28°31 | 20° 7 | 6°22 | 6°25 | 18° 4 | 10°28 | 20°38 | 17°17 | 15°42 | 26°56 | 20° 1 | |
| F 31 | 23 9 13 | 15♁26'46 | 15♁30 | 24♁58 | 29☾27 | 20♁48 | 6♂29 | 6☾29 | 18° 2 | 10☾29 | 20♁38 | 17☾ 9 | 15☾39 | 27♁ 2 | 20♁ 6 | |

Delta T = 272.56 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1414

SEPTEMBER 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|------|----------|----------|-------|-------|-------|-------|-------|------|--------|-------|--------|--------|-------|-------|-------|---|---|---|---|---|---|---|---|--|
| S 1 | 23 13 10 | 16♎25'19 | 0♏27 | 26♎40 | 0♏24 | 21♎28 | 6♌35 | 6♌33 | 18°R 0 | 10♌30 | 20♎38 | 17°R 1 | 15♌36 | 27♎ 9 | 20♎10 | | | | | | | | | |
| S 2 | 23 17 6 | 17°23'55 | 15°30 | 28°21 | 1°21 | 22° 9 | 6°42 | 6°38 | 17°58 | 10°32 | 20°38 | 16♌52 | 15°33 | 27°16 | 20°15 | | | | | | | | | |
| M 3 | 23 21 3 | 18°22'32 | 0♌28 | 0♌ 1 | 2°19 | 22°50 | 6°49 | 6°42 | 17°56 | 10°33 | 20°39 | 16°43 | 15°30 | 27°23 | 20°20 | | | | | | | | | |
| T 4 | 23 25 0 | 19°21'12 | 15°12 | 1°40 | 3°17 | 23°32 | 6°56 | 6°46 | 17°54 | 10°34 | 20°39 | 16°37 | 15°27 | 27°29 | 20°25 | | | | | | | | | |
| W 5 | 23 28 56 | 20°19'54 | 29°38 | 3°17 | 4°16 | 24°13 | 7° 3 | 6°50 | 17°52 | 10°35 | 20°39 | 16°33 | 15°23 | 27°36 | 20°30 | | | | | | | | | |
| T 6 | 23 32 53 | 21°18'38 | 13♎42 | 4°54 | 5°15 | 24°54 | 7°11 | 6°54 | 17°50 | 10°36 | 20°39 | 16°31 | 15°20 | 27°43 | 20°35 | | | | | | | | | |
| F 7 | 23 36 49 | 22°17'25 | 27°24 | 6°30 | 6°15 | 25°36 | 7°18 | 6°57 | 17°49 | 10°37 | 20°39 | 16°D31 | 15°17 | 27°49 | 20°40 | | | | | | | | | |
| S 8 | 23 40 46 | 23°16'14 | 10♌45 | 8° 5 | 7°15 | 26°17 | 7°26 | 7° 1 | 17°47 | 10°38 | 20°39 | 16°R32 | 15°14 | 27°56 | 20°46 | | | | | | | | | |
| S 9 | 23 44 42 | 24°15'05 | 23°48 | 9°39 | 8°15 | 26°59 | 7°34 | 7° 5 | 17°45 | 10°39 | 20°39 | 16°32 | 15°11 | 28° 3 | 20°51 | | | | | | | | | |
| M10 | 23 48 39 | 25°13'59 | 6♎35 | 11°12 | 9°16 | 27°41 | 7°41 | 7° 8 | 17°43 | 10°39 | 20°39 | 16°30 | 15° 8 | 28°10 | 20°56 | | | | | | | | | |
| T 11 | 23 52 35 | 26°12'55 | 19°10 | 12°45 | 10°17 | 28°23 | 7°50 | 7°12 | 17°42 | 10°40 | 20°40 | 16°26 | 15° 4 | 28°16 | 21° 2 | | | | | | | | | |
| W12 | 23 56 32 | 27°11'52 | 1♎34 | 14°16 | 11°18 | 29° 5 | 7°58 | 7°15 | 17°40 | 10°41 | 20°R40 | 16°18 | 15° 1 | 28°23 | 21° 7 | | | | | | | | | |
| T 13 | 0 0 29 | 28°10'53 | 13°50 | 15°46 | 12°20 | 29°47 | 8° 6 | 7°18 | 17°38 | 10°42 | 20°40 | 16° 8 | 14°58 | 28°30 | 21°13 | | | | | | | | | |
| F 14 | 0 4 25 | 29° 9'55 | 25°58 | 17°16 | 13°23 | 0♌29 | 8°14 | 7°21 | 17°37 | 10°43 | 20°40 | 15°56 | 14°55 | 28°37 | 21°18 | | | | | | | | | |
| S 15 | 0 8 22 | 0♌ 8'59 | 8♌ 0 | 18°44 | 14°25 | 1°11 | 8°23 | 7°24 | 17°35 | 10°43 | 20°39 | 15°43 | 14°52 | 28°43 | 21°24 | | | | | | | | | |
| S 16 | 0 12 18 | 1° 8'05 | 19°56 | 20°12 | 15°28 | 1°54 | 8°32 | 7°27 | 17°34 | 10°44 | 20°39 | 15°29 | 14°48 | 28°50 | 21°30 | | | | | | | | | |
| M17 | 0 16 15 | 2° 7'14 | 1♎48 | 21°39 | 16°31 | 2°36 | 8°41 | 7°30 | 17°32 | 10°45 | 20°39 | 15°16 | 14°45 | 28°57 | 21°36 | | | | | | | | | |
| T 18 | 0 20 11 | 3° 6'24 | 13°38 | 23° 5 | 17°35 | 3°19 | 8°49 | 7°32 | 17°31 | 10°45 | 20°39 | 15° 5 | 14°42 | 29° 3 | 21°41 | | | | | | | | | |
| W19 | 0 24 8 | 4° 5'36 | 25°29 | 24°30 | 18°39 | 4° 1 | 8°59 | 7°35 | 17°29 | 10°46 | 20°39 | 14°57 | 14°39 | 29°10 | 21°47 | | | | | | | | | |
| T 20 | 0 28 4 | 5° 4'50 | 7♌23 | 25°54 | 19°43 | 4°44 | 9° 8 | 7°38 | 17°28 | 10°46 | 20°39 | 14°51 | 14°36 | 29°17 | 21°53 | | | | | | | | | |
| F 21 | 0 32 1 | 6° 4'06 | 19°26 | 27°17 | 20°47 | 5°27 | 9°17 | 7°40 | 17°26 | 10°47 | 20°39 | 14°49 | 14°33 | 29°24 | 21°59 | | | | | | | | | |
| S 22 | 0 35 58 | 7° 3'24 | 1♌41 | 28°38 | 21°52 | 6°10 | 9°26 | 7°42 | 17°25 | 10°47 | 20°38 | 14°48 | 14°29 | 29°30 | 22° 5 | | | | | | | | | |
| S 23 | 0 39 54 | 8° 2'44 | 14°14 | 29°59 | 22°57 | 6°53 | 9°36 | 7°44 | 17°24 | 10°48 | 20°38 | 14°48 | 14°26 | 29°37 | 22°12 | | | | | | | | | |
| M24 | 0 43 51 | 9° 2'05 | 27°10 | 1♎19 | 24° 2 | 7°36 | 9°46 | 7°46 | 17°23 | 10°48 | 20°38 | 14°47 | 14°23 | 29°44 | 22°18 | | | | | | | | | |
| T 25 | 0 47 47 | 10° 1'29 | 10♌34 | 2°37 | 25° 8 | 8°20 | 9°55 | 7°48 | 17°21 | 10°49 | 20°38 | 14°45 | 14°20 | 29°50 | 22°24 | | | | | | | | | |
| W26 | 0 51 44 | 11° 0'54 | 24°27 | 3°55 | 26°13 | 9° 3 | 10° 5 | 7°50 | 17°20 | 10°49 | 20°37 | 14°41 | 14°17 | 29°57 | 22°30 | | | | | | | | | |
| T 27 | 0 55 40 | 12° 0'20 | 8♌50 | 5°10 | 27°19 | 9°46 | 10°15 | 7°52 | 17°19 | 10°49 | 20°37 | 14°34 | 14°14 | 0♎ 4 | 22°37 | | | | | | | | | |
| F 28 | 0 59 37 | 12°59'49 | 23°39 | 6°25 | 28°26 | 10°30 | 10°25 | 7°54 | 17°18 | 10°50 | 20°37 | 14°25 | 14°10 | 0°11 | 22°43 | | | | | | | | | |
| S 29 | 1 3 33 | 13°59'19 | 8♏49 | 7°38 | 29°32 | 11°13 | 10°35 | 7°55 | 17°17 | 10°50 | 20°36 | 14°14 | 14° 7 | 0°17 | 22°50 | | | | | | | | | |
| S 30 | 1 7 30 | 14♌58'52 | 24♏ 8 | 8♎49 | 0♎39 | 11♌57 | 10♌46 | 7♌56 | 17°16 | 10♌50 | 20♎36 | 14♌ 3 | 14♌ 4 | 0♎24 | 22♎56 | | | | | | | | | |

Delta T = 272.45 sec. Julian Calendar 1 Sept. 1414 == Greg. Calendar 10 Sept. 1414

OCTOBER 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|------|---------|----------|-------|--------|-------|-------|-------|-------|--------|--------|--------|--------|-------|------|-------|---|---|---|---|---|---|---|---|--|
| M 1 | 1 11 27 | 15♌58'27 | 9♌24 | 9♎58 | 1♎46 | 12♌41 | 10♌56 | 7♌58 | 17°R15 | 10♌50 | 20°R36 | 13°R52 | 14♌ 1 | 0♎31 | 23♎ 3 | | | | | | | | | |
| T 2 | 1 15 23 | 16°58'04 | 24°28 | 11° 6 | 2°53 | 13°25 | 11° 6 | 7°59 | 17°15 | 10°50 | 20♎35 | 13♌44 | 13°58 | 0°37 | 23° 9 | | | | | | | | | |
| W 3 | 1 19 20 | 17°57'43 | 9♎10 | 12°11 | 4° 1 | 14° 9 | 11°17 | 8° 0 | 17°14 | 10°50 | 20°35 | 13°38 | 13°54 | 0°44 | 23°16 | | | | | | | | | |
| T 4 | 1 23 16 | 18°57'25 | 23°26 | 13°14 | 5° 8 | 14°53 | 11°28 | 8° 1 | 17°13 | 10°50 | 20°34 | 13°35 | 13°51 | 0°51 | 23°22 | | | | | | | | | |
| F 5 | 1 27 13 | 19°57'09 | 7♌15 | 14°14 | 6°16 | 15°37 | 11°38 | 8° 2 | 17°12 | 10°51 | 20°34 | 13°34 | 13°48 | 0°58 | 23°29 | | | | | | | | | |
| S 6 | 1 31 9 | 20°56'55 | 20°37 | 15°11 | 7°24 | 16°21 | 11°49 | 8° 3 | 17°12 | 10°R51 | 20°33 | 13°34 | 13°45 | 1° 4 | 23°36 | | | | | | | | | |
| S 7 | 1 35 6 | 21°56'43 | 3♎36 | 16° 6 | 8°32 | 17° 5 | 12° 0 | 8° 3 | 17°11 | 10°50 | 20°33 | 13°34 | 13°42 | 1°11 | 23°43 | | | | | | | | | |
| M 8 | 1 39 2 | 22°56'34 | 16°16 | 16°57 | 9°41 | 17°49 | 12°11 | 8° 4 | 17°10 | 10°50 | 20°32 | 13°32 | 13°39 | 1°18 | 23°50 | | | | | | | | | |
| T 9 | 1 42 59 | 23°56'27 | 28°41 | 17°43 | 10°49 | 18°34 | 12°22 | 8° 4 | 17°10 | 10°50 | 20°32 | 13°28 | 13°35 | 1°24 | 23°56 | | | | | | | | | |
| W10 | 1 46 56 | 24°56'22 | 10♎54 | 18°26 | 11°58 | 19°18 | 12°34 | 8° 4 | 17° 9 | 10°50 | 20°31 | 13°20 | 13°32 | 1°31 | 24° 3 | | | | | | | | | |
| T 11 | 1 50 52 | 25°56'19 | 22°59 | 19° 4 | 13° 7 | 20° 3 | 12°45 | 8° 5 | 17° 9 | 10°50 | 20°30 | 13°10 | 13°29 | 1°38 | 24°10 | | | | | | | | | |
| F 12 | 1 54 49 | 26°56'19 | 4♌58 | 19°36 | 14°16 | 20°47 | 12°56 | 8°R 5 | 17° 9 | 10°50 | 20°30 | 12°58 | 13°26 | 1°45 | 24°17 | | | | | | | | | |
| S 13 | 1 58 45 | 27°56'20 | 16°53 | 20° 3 | 15°26 | 21°32 | 13° 8 | 8° 5 | 17° 8 | 10°50 | 20°29 | 12°44 | 13°23 | 1°51 | 24°24 | | | | | | | | | |
| S 14 | 2 2 42 | 28°56'23 | 28°46 | 20°23 | 16°35 | 22°17 | 13°19 | 8° 5 | 17° 8 | 10°49 | 20°29 | 12°29 | 13°19 | 1°58 | 24°31 | | | | | | | | | |
| M15 | 2 6 38 | 29°56'29 | 10♎37 | 20°36 | 17°45 | 23° 1 | 13°31 | 8° 4 | 17° 8 | 10°49 | 20°28 | 12°16 | 13°16 | 2° 5 | 24°38 | | | | | | | | | |
| T 16 | 2 10 35 | 0♎56'36 | 22°29 | 20°R42 | 18°55 | 23°46 | 13°43 | 8° 4 | 17° 8 | 10°49 | 20°27 | 12° 5 | 13°13 | 2°11 | 24°45 | | | | | | | | | |
| W17 | 2 14 31 | 1°56'45 | 4♌22 | 20°39 | 20° 5 | 24°31 | 13°54 | 8° 3 | 17° 8 | 10°48 | 20°26 | 11°56 | 13°10 | 2°18 | 24°53 | | | | | | | | | |
| T 18 | 2 18 28 | 2°56'56 | 16°20 | 20°27 | 21°15 | 25°16 | 14° 6 | 8° 3 | 17° 7 | 10°48 | 20°26 | 11°50 | 13° 7 | 2°25 | 25° 0 | | | | | | | | | |
| F 19 | 2 22 24 | 3°57'08 | 28°25 | 20° 6 | 22°25 | 26° 1 | 14°18 | 8° 2 | 17°D 7 | 10°48 | 20°25 | 11°47 | 13° 4 | 2°32 | 25° 7 | | | | | | | | | |
| S 20 | 2 26 21 | 4°57'22 | 10♌41 | 19°35 | 23°35 | 26°46 | 14°30 | 8° 1 | 17° 7 | 10°47 | 20°24 | 11°D46 | 13° 0 | 2°38 | 25°14 | | | | | | | | | |
| S 21 | 2 30 18 | 5°57'38 | 23°12 | 18°54 | 24°46 | 27°32 | 14°42 | 8° 0 | 17° 8 | 10°47 | 20°23 | 11°47 | 12°57 | 2°45 | 25°21 | | | | | | | | | |
| M22 | 2 34 14 | 6°57'55 | 6♌ 3 | 18° 4 | 25°56 | 28°17 | 14°55 | 7°59 | 17° 8 | 10°46 | 20°23 | 11°R47 | 12°54 | 2°52 | 25°29 | | | | | | | | | |
| T 23 | 2 38 11 | 7°58'13 | 19°19 | 17° 5 | 27° 7 | 29° 2 | 15° 7 | 7°58 | 17° 8 | 10°45 | 20°22 | 11°46 | 12°51 | 2°58 | 25°36 | | | | | | | | | |
| W24 | 2 42 7 | 8°58'33 | 3♌ 2 | 15°57 | 28°18 | 29°48 | 15°19 | 7°57 | 17° 8 | 10°45 | 20°21 | 11°44 | 12°48 | 3° 5 | 25°43 | | | | | | | | | |
| T 25 | 2 46 4 | 9°58'54 | 17°14 | 14°44 | 29°29 | 0♌33 | 15°31 | 7°55 | 17° 8 | 10°44 | 20°20 | 11°39 | 12°45 | 3°12 | 25°51 | | | | | | | | | |
| F 26 | 2 50 0 | 10°59'17 | 1°Y53 | 13°26 | 0♌40 | 1°18 | 15°44 | 7°54 | 17° 9 | 10°44 | 20°19 | 11°32 | 12°41 | 3°19 | 25°58 | | | | | | | | | |
| S 27 | 2 53 57 | 11°59'41 | 16°56 | 12° 5 | 1°51 | 2° 4 | 15°56 | 7°52 | 17° 9 | 10°43 | 20°18 | 11°23 | 12°38 | 3°25 | 26° 5 | | | | | | | | | |
| S 28 | 2 57 53 | 13° 0'07 | 2♌12 | 10°45 | 3° 3 | 2°50 | 16° 9 | 7°50 | 17°10 | 10°42 | | | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1414

NOVEMBER 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|------|-------|
| T 1 | 3 13 40 | 17♌ 2'07 | 29♋ 6 | 6°R20 | 7♌50 | 5♃53 | 17♌ 0 | 7°R43 | 17♌12 | 10°R39 | 20°R14 | 10°R51 | 12♋22 | 3♌59 | 26♌42 |
| F 2 | 3 17 36 | 18° 2'41 | 16° 6 | 5♌37 | 9° 2 | 6°38 | 17°12 | 7♋40 | 17°13 | 10♋38 | 20♌13 | 10°D51 | 12°19 | 4° 6 | 26°50 |
| S 3 | 3 21 33 | 19° 3'18 | 29°38 | 5° 6 | 10°14 | 7°24 | 17°25 | 7°38 | 17°13 | 10°37 | 20°12 | 10♋52 | 12°16 | 4°12 | 26°57 |
| S 4 | 3 25 29 | 20° 3'55 | 12♌43 | 4°46 | 11°26 | 8°10 | 17°38 | 7°35 | 17°14 | 10°36 | 20°11 | 10°53 | 12°13 | 4°19 | 27° 5 |
| M 5 | 3 29 26 | 21° 4'35 | 25°25 | 4°D37 | 12°38 | 8°56 | 17°51 | 7°33 | 17°15 | 10°35 | 20°10 | 10°R53 | 12°10 | 4°26 | 27°12 |
| T 6 | 3 33 23 | 22° 5'16 | 7♌48 | 4°40 | 13°50 | 9°42 | 18° 4 | 7°30 | 17°16 | 10°34 | 20° 9 | 10°52 | 12° 6 | 4°32 | 27°19 |
| W 7 | 3 37 19 | 23° 5'59 | 19°58 | 4°53 | 15° 3 | 10°28 | 18°17 | 7°28 | 17°17 | 10°33 | 20° 8 | 10°48 | 12° 3 | 4°39 | 27°27 |
| T 8 | 3 41 16 | 24° 6'44 | 1♌58 | 5°16 | 16°15 | 11°14 | 18°30 | 7°25 | 17°18 | 10°32 | 20° 7 | 10°43 | 12° 0 | 4°46 | 27°34 |
| F 9 | 3 45 12 | 25° 7'30 | 13°52 | 5°48 | 17°28 | 12° 1 | 18°43 | 7°22 | 17°19 | 10°31 | 20° 6 | 10°35 | 11°57 | 4°53 | 27°42 |
| S 10 | 3 49 9 | 26° 8'17 | 25°44 | 6°27 | 18°41 | 12°47 | 18°57 | 7°19 | 17°20 | 10°30 | 20° 5 | 10°26 | 11°54 | 4°59 | 27°49 |
| S 11 | 3 53 5 | 27° 9'06 | 7♌35 | 7°14 | 19°53 | 13°33 | 19°10 | 7°16 | 17°21 | 10°29 | 20° 3 | 10°17 | 11°51 | 5° 6 | 27°57 |
| M12 | 3 57 2 | 28° 9'57 | 19°28 | 8° 6 | 21° 6 | 14°19 | 19°23 | 7°12 | 17°22 | 10°28 | 20° 2 | 10° 9 | 11°47 | 5°13 | 28° 4 |
| T 13 | 4 0 58 | 29°10'48 | 1♌24 | 9° 4 | 22°19 | 15° 6 | 19°36 | 7° 9 | 17°24 | 10°27 | 20° 1 | 10° 2 | 11°44 | 5°19 | 28°12 |
| W14 | 4 4 55 | 0♌11'41 | 13°25 | 10° 7 | 23°32 | 15°52 | 19°50 | 7° 6 | 17°25 | 10°26 | 20° 0 | 9°57 | 11°41 | 5°26 | 28°19 |
| T 15 | 4 8 52 | 1°12'36 | 25°32 | 11°13 | 24°45 | 16°39 | 20° 3 | 7° 2 | 17°26 | 10°24 | 19°59 | 9°53 | 11°38 | 5°33 | 28°27 |
| F 16 | 4 12 48 | 2°13'31 | 7♋47 | 12°24 | 25°58 | 17°25 | 20°17 | 6°59 | 17°28 | 10°23 | 19°58 | 9°D52 | 11°35 | 5°40 | 28°34 |
| S 17 | 4 16 45 | 3°14'27 | 20°13 | 13°37 | 27°12 | 18°12 | 20°30 | 6°55 | 17°29 | 10°22 | 19°57 | 9°53 | 11°31 | 5°46 | 28°42 |
| S 18 | 4 20 41 | 4°15'24 | 2♌51 | 14°53 | 28°25 | 18°58 | 20°44 | 6°51 | 17°31 | 10°21 | 19°56 | 9°54 | 11°28 | 5°53 | 28°49 |
| M19 | 4 24 38 | 5°16'21 | 15°46 | 16°11 | 29°38 | 19°45 | 20°57 | 6°48 | 17°32 | 10°19 | 19°55 | 9°56 | 11°25 | 6° 0 | 28°57 |
| T 20 | 4 28 34 | 6°17'20 | 29° 0 | 17°31 | 0♌51 | 20°31 | 21°11 | 6°44 | 17°34 | 10°18 | 19°53 | 9°57 | 11°22 | 6° 6 | 29° 4 |
| W21 | 4 32 31 | 7°18'19 | 12♌35 | 18°53 | 2° 5 | 21°18 | 21°24 | 6°40 | 17°35 | 10°17 | 19°52 | 9°R57 | 11°19 | 6°13 | 29°11 |
| T 22 | 4 36 27 | 8°19'18 | 26°34 | 20°16 | 3°18 | 22° 5 | 21°38 | 6°36 | 17°37 | 10°15 | 19°51 | 9°56 | 11°16 | 6°20 | 29°19 |
| F 23 | 4 40 24 | 9°20'18 | 10♌56 | 21°40 | 4°32 | 22°51 | 21°52 | 6°32 | 17°39 | 10°14 | 19°50 | 9°53 | 11°12 | 6°27 | 29°26 |
| S 24 | 4 44 21 | 10°21'19 | 25°37 | 23° 6 | 5°46 | 23°38 | 22° 5 | 6°27 | 17°40 | 10°12 | 19°49 | 9°49 | 11° 9 | 6°33 | 29°34 |
| S 25 | 4 48 17 | 11°22'21 | 10♌34 | 24°32 | 6°59 | 24°25 | 22°19 | 6°23 | 17°42 | 10°11 | 19°48 | 9°45 | 11° 6 | 6°40 | 29°41 |
| M26 | 4 52 14 | 12°23'23 | 25°37 | 25°59 | 8°13 | 25°11 | 22°33 | 6°19 | 17°44 | 10° 9 | 19°46 | 9°41 | 11° 3 | 6°47 | 29°48 |
| T 27 | 4 56 10 | 13°24'26 | 10♌18 | 27°27 | 9°27 | 25°58 | 22°46 | 6°15 | 17°46 | 10° 8 | 19°45 | 9°38 | 11° 0 | 6°53 | 29°56 |
| W28 | 5 0 7 | 14°25'29 | 25°28 | 28°56 | 10°40 | 26°45 | 23° 0 | 6°10 | 17°48 | 10° 7 | 19°44 | 9°36 | 10°57 | 7° 0 | 0♌ 3 |
| T 29 | 5 4 3 | 15°26'34 | 9♋59 | 0♌25 | 11°54 | 27°32 | 23°14 | 6° 6 | 17°50 | 10° 5 | 19°43 | 9°D35 | 10°53 | 7° 7 | 0°10 |
| F 30 | 5 8 0 | 16♌27'39 | 24♋ 5 | 1♌54 | 13♌ 8 | 28♋19 | 23♌27 | 6♋ 1 | 17°52 | 10♋ 4 | 19♌42 | 9♋36 | 10♋50 | 7♌14 | 0♌17 |

Delta T = 272.22 sec. Julian Calendar 1 Nov. 1414 == Greg. Calendar 10 Nov. 1414

DECEMBER 1414 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|------|
| S 1 | 5 11 56 | 17♌28'45 | 7♌45 | 3♌24 | 14♌22 | 29♋ 5 | 23♌41 | 5°R57 | 17♌54 | 10°R 2 | 19°R40 | 9♋37 | 10♋47 | 7♌20 | 0♌25 |
| S 2 | 5 15 53 | 18°29'51 | 20°59 | 4°54 | 15°36 | 29°52 | 23°55 | 5♋52 | 17°56 | 10♋ 0 | 19♌39 | 9°39 | 10°44 | 7°27 | 0°32 |
| M 3 | 5 19 50 | 19°30'59 | 3♌48 | 6°25 | 16°50 | 0♌39 | 24° 9 | 5°48 | 17°58 | 9°59 | 19°38 | 9°40 | 10°41 | 7°34 | 0°39 |
| T 4 | 5 23 46 | 20°32'07 | 16°17 | 7°56 | 18° 4 | 1°26 | 24°23 | 5°43 | 18° 0 | 9°57 | 19°37 | 9°R41 | 10°37 | 7°40 | 0°46 |
| W 5 | 5 27 43 | 21°33'16 | 28°29 | 9°27 | 19°18 | 2°13 | 24°36 | 5°38 | 18° 3 | 9°56 | 19°36 | 9°41 | 10°34 | 7°47 | 0°53 |
| T 6 | 5 31 39 | 22°34'25 | 10♌29 | 10°58 | 20°32 | 3° 0 | 24°50 | 5°33 | 18° 5 | 9°54 | 19°35 | 9°40 | 10°31 | 7°54 | 1° 0 |
| F 7 | 5 35 36 | 23°35'35 | 22°23 | 12°30 | 21°47 | 3°47 | 25° 4 | 5°29 | 18° 7 | 9°53 | 19°33 | 9°38 | 10°28 | 8° 0 | 1° 8 |
| S 8 | 5 39 32 | 24°36'46 | 4♌13 | 14° 2 | 23° 1 | 4°34 | 25°18 | 5°24 | 18°10 | 9°51 | 19°32 | 9°36 | 10°25 | 8° 7 | 1°15 |
| S 9 | 5 43 29 | 25°37'58 | 16° 5 | 15°34 | 24°15 | 5°21 | 25°32 | 5°19 | 18°12 | 9°49 | 19°31 | 9°33 | 10°22 | 8°14 | 1°22 |
| M10 | 5 47 25 | 26°39'09 | 28° 0 | 17° 7 | 25°29 | 6° 8 | 25°46 | 5°14 | 18°14 | 9°48 | 19°30 | 9°31 | 10°18 | 8°21 | 1°29 |
| T 11 | 5 51 22 | 27°40'22 | 10♌ 2 | 18°40 | 26°44 | 6°55 | 25°59 | 5° 9 | 18°17 | 9°46 | 19°29 | 9°30 | 10°15 | 8°27 | 1°36 |
| W12 | 5 55 19 | 28°41'34 | 22°13 | 20°13 | 27°58 | 7°42 | 26°13 | 5° 4 | 18°19 | 9°44 | 19°27 | 9°28 | 10°12 | 8°34 | 1°42 |
| T 13 | 5 59 15 | 29°42'47 | 4♌34 | 21°46 | 29°12 | 8°29 | 26°27 | 4°59 | 18°22 | 9°43 | 19°26 | 9°D28 | 10° 9 | 8°41 | 1°49 |
| F 14 | 6 3 12 | 0♌44'00 | 17° 6 | 23°20 | 0♌27 | 9°16 | 26°41 | 4°54 | 18°25 | 9°41 | 19°25 | 9°28 | 10° 6 | 8°47 | 1°56 |
| S 15 | 6 7 8 | 1°45'13 | 29°51 | 24°54 | 1°41 | 10° 3 | 26°55 | 4°49 | 18°27 | 9°39 | 19°24 | 9°28 | 10° 3 | 8°54 | 2° 3 |
| S 16 | 6 11 5 | 2°46'25 | 12♌48 | 26°28 | 2°55 | 10°50 | 27° 9 | 4°44 | 18°30 | 9°38 | 19°23 | 9°29 | 9°59 | 9° 1 | 2°10 |
| M17 | 6 15 1 | 3°47'38 | 25°59 | 28° 3 | 4°10 | 11°37 | 27°22 | 4°39 | 18°32 | 9°36 | 19°22 | 9°30 | 9°56 | 9° 8 | 2°16 |
| T 18 | 6 18 58 | 4°48'50 | 9♌24 | 29°38 | 5°24 | 12°24 | 27°36 | 4°34 | 18°35 | 9°34 | 19°20 | 9°30 | 9°53 | 9°14 | 2°23 |
| W19 | 6 22 54 | 5°50'02 | 23° 3 | 1♌13 | 6°39 | 13°11 | 27°50 | 4°29 | 18°38 | 9°33 | 19°19 | 9°31 | 9°50 | 9°21 | 2°30 |
| T 20 | 6 26 51 | 6°51'13 | 6♌57 | 2°49 | 7°53 | 13°58 | 28° 4 | 4°24 | 18°41 | 9°31 | 19°18 | 9°R31 | 9°47 | 9°28 | 2°36 |
| F 21 | 6 30 48 | 7°52'24 | 21° 5 | 4°25 | 9° 8 | 14°45 | 28°18 | 4°19 | 18°43 | 9°29 | 19°17 | 9°31 | 9°43 | 9°34 | 2°43 |
| S 22 | 6 34 44 | 8°53'34 | 5♋25 | 6° 1 | 10°22 | 15°32 | 28°31 | 4°14 | 18°46 | 9°27 | 19°16 | 9°30 | 9°40 | 9°41 | 2°49 |
| S 23 | 6 38 41 | 9°54'44 | 19°55 | 7°38 | 11°37 | 16°19 | 28°45 | 4°10 | 18°49 | 9°26 | 19°15 | 9°D30 | 9°37 | 9°48 | 2°56 |
| M24 | 6 42 37 | 10°55'54 | 4♌30 | 9°16 | 12°52 | 17° 6 | 28°59 | 4° 5 | 18°52 | 9°24 | 19°14 | 9°31 | 9°34 | 9°54 | 3° 2 |
| T 25 | 6 46 34 | 11°57'03 | 19° 5 | 10°53 | 14° 6 | 17°54 | 29°12 | 4° 0 | 18°55 | 9°22 | 19°13 | 9°31 | 9°31 | 10° 1 | 3° 9 |
| W26 | 6 50 30 | 12°58'12 | 3♋33 | 12°32 | 15°21 | 18°41 | 29°26 | 3°55 | 18°58 | 9°21 | 19°12 | 9°R31 | 9°28 | 10° 8 | 3°15 |
| T 27 | 6 54 27 | 13°59'20 | 17°49 | 14°10 | 16°35 | 19°28 | 29°40 | 3°50 | 19° 1 | 9°19 | 19°10 | 9°31 | 9°24 | 10°15 | 3°21 |
| F 28 | 6 58 24 | 15° 0'27 | 1♌48 | 15°49 | 17°50 | 20°15 | 29°53 | 3°45 | 19° 4 | 9°17 | 19° 9 | 9°31 | 9°21 | 10°21 | 3°27 |
| S 29 | 7 2 20 | 16° 1'35 | 15°27 | 17°29 | 19° 5 | 21° 2 | 0♌ 7 | 3°40 | 19° 7 | 9°16 | 19° 8 | 9°30 | 9°18 | 10°28 | 3°33 |
| S 30 | 7 6 17 | 17° 2'41 | 28°43 | 19° 9 | 20°19 | 21°49 | 0°21 | 3°35 | 19°10 | 9°14 | 19° 7 | 9°29 | 9°15 | 10°35 | 3°40 |
| M31 | 7 10 13 | 18♋ 3'48 | 11♌37 | 20♋50 | 21♌34 | 22♌36 | 0♌34 | 3♋31 | 19♌13 | 9♋12 | 19♌ 6 | 9♋28 | 9♋12 | 10♌41 | 3♌46 |

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