

SWISS EPHEMERIS for the year 1455

JANUARY 1455 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|---------|-----------|--------|---------|---------|--------|---------|--------|-------|-------|--------|--------|--------|-------|--------|---|---|
| W 1 | 7 15 23 | 19°22'22" | 14II 5 | 29°34'5 | 26°27'1 | 2II 5 | 10°34'1 | 21M.50 | 8°R42 | 8°R58 | 11°R39 | 16°R55 | 15M.29 | 18°20 | 20°R53 | | |
| T 2 | 7 19 20 | 20°23'27" | 26°14 | 1°26'26 | 27°16 | 2° 7 | 10°42 | 21°55 | 8°L40 | 8°L58 | 11°L37 | 16M.48 | 15°25 | 18°27 | 20°L49 | | |
| F 3 | 7 23 16 | 21°24'31" | 8°37 | 3° 8 | 28°31 | 2°10 | 10°43 | 22° 0 | 8°37 | 8°58 | 11°36 | 16°39 | 15°22 | 18°34 | 20°44 | | |
| S 4 | 7 27 13 | 22°25'34" | 21°14 | 4°49 | 29°46 | 2°14 | 10°45 | 22° 4 | 8°35 | 8°58 | 11°35 | 16°28 | 15°19 | 18°40 | 20°40 | | |
| S 5 | 7 31 9 | 23°26'37" | 4L 6 | 6°29 | 1°31 | 2°18 | 10°47 | 22° 9 | 8°32 | 8°58 | 11°33 | 16°16 | 15°16 | 18°47 | 20°36 | | |
| M 6 | 7 35 6 | 24°27'39" | 17°11 | 8° 9 | 2°16 | 2°24 | 10°49 | 22°14 | 8°30 | 8°57 | 11°32 | 16° 4 | 15°13 | 18°53 | 20°31 | | |
| T 7 | 7 39 2 | 25°28'40" | 0M.29 | 9°48 | 3°31 | 2°29 | 10°51 | 22°18 | 8°27 | 8°57 | 11°31 | 15°53 | 15°10 | 19° 0 | 20°27 | | |
| W 8 | 7 42 59 | 26°29'41" | 13°57 | 11°25 | 4°46 | 2°36 | 10°53 | 22°22 | 8°25 | 8°57 | 11°29 | 15°44 | 15° 6 | 19° 7 | 20°22 | | |
| T 9 | 7 46 55 | 27°30'41" | 27°35 | 13° 2 | 6° 1 | 2°43 | 10°55 | 22°27 | 8°22 | 8°57 | 11°28 | 15°38 | 15° 3 | 19°13 | 20°18 | | |
| F 10 | 7 50 52 | 28°31'40" | 11L.22 | 14°36 | 7°16 | 2°51 | 10°58 | 22°31 | 8°19 | 8°57 | 11°26 | 15°34 | 15° 0 | 19°20 | 20°13 | | |
| S 11 | 7 54 49 | 29°32'39" | 25°16 | 16° 8 | 8°30 | 2°59 | 11° 1 | 22°35 | 8°17 | 8°56 | 11°25 | 15°D33 | 14°57 | 19°27 | 20° 9 | | |
| S 12 | 7 58 45 | 0°33'37" | 9M.18 | 17°37 | 9°45 | 3° 8 | 11° 4 | 22°39 | 8°14 | 8°56 | 11°24 | 15°R33 | 14°54 | 19°33 | 20° 5 | | |
| M13 | 8 2 42 | 1°34'35" | 23°28 | 19° 2 | 11° 0 | 3°18 | 11° 7 | 22°43 | 8°12 | 8°56 | 11°22 | 15°33 | 14°50 | 19°40 | 20° 0 | | |
| T 14 | 8 6 38 | 2°35'32" | 7°45 | 20°23 | 12°15 | 3°28 | 11°11 | 22°47 | 8° 9 | 8°55 | 11°21 | 15°32 | 14°47 | 19°47 | 19°56 | | |
| W15 | 8 10 35 | 3°36'28" | 22° 5 | 21°40 | 13°30 | 3°39 | 11°14 | 22°51 | 8° 7 | 8°55 | 11°19 | 15°27 | 14°44 | 19°53 | 19°52 | | |
| T 16 | 8 14 31 | 4°37'23" | 6°32 | 22°52 | 14°45 | 3°50 | 11°18 | 22°54 | 8° 4 | 8°54 | 11°18 | 15°20 | 14°41 | 20° 0 | 19°48 | | |
| F 17 | 8 18 28 | 5°38'18" | 20°42 | 23°57 | 16° 0 | 4° 2 | 11°22 | 22°58 | 8° 1 | 8°54 | 11°16 | 15°10 | 14°38 | 20° 7 | 19°43 | | |
| S 18 | 8 22 24 | 6°39'11" | 4°47 | 24°55 | 17°15 | 4°15 | 11°27 | 23° 1 | 7°59 | 8°53 | 11°15 | 14°58 | 14°35 | 20°13 | 19°39 | | |
| S 19 | 8 26 21 | 7°40'03" | 18°37 | 25°45 | 18°30 | 4°28 | 11°31 | 23° 5 | 7°56 | 8°53 | 11°14 | 14°45 | 14°31 | 20°20 | 19°35 | | |
| M20 | 8 30 18 | 8°40'54" | 2°38 | 26°27 | 19°45 | 4°42 | 11°36 | 23° 8 | 7°53 | 8°52 | 11°12 | 14°33 | 14°28 | 20°27 | 19°31 | | |
| T 21 | 8 34 14 | 9°41'43" | 15°16 | 26°59 | 21° 0 | 4°56 | 11°40 | 23°11 | 7°51 | 8°51 | 11°11 | 14°22 | 14°25 | 20°33 | 19°27 | | |
| W22 | 8 38 11 | 10°42'31" | 28° 2 | 27°22 | 22°15 | 5°10 | 11°45 | 23°15 | 7°48 | 8°51 | 11° 9 | 14°13 | 14°22 | 20°40 | 19°23 | | |
| T 23 | 8 42 7 | 11°43'17" | 10°28 | 27°34 | 23°30 | 5°26 | 11°50 | 23°18 | 7°46 | 8°50 | 11° 8 | 14° 8 | 14°19 | 20°46 | 19°19 | | |
| F 24 | 8 46 4 | 12°44'02" | 22°36 | 27°R35 | 24°45 | 5°41 | 11°56 | 23°21 | 7°43 | 8°49 | 11° 6 | 14° 5 | 14°16 | 20°53 | 19°15 | | |
| S 25 | 8 50 0 | 13°44'45" | 4°32 | 27°26 | 25°59 | 5°57 | 12° 1 | 23°24 | 7°40 | 8°48 | 11° 5 | 14° 3 | 14°12 | 21° 0 | 19°11 | | |
| S 26 | 8 53 57 | 14°45'26" | 16°21 | 27° 5 | 27°14 | 6°14 | 12° 7 | 23°26 | 7°38 | 8°48 | 11° 3 | 14° 3 | 14° 9 | 21° 6 | 19° 7 | | |
| M27 | 8 57 53 | 15°46'06" | 28° 9 | 26°35 | 28°29 | 6°31 | 12°13 | 23°29 | 7°35 | 8°47 | 11° 2 | 14° 3 | 14° 6 | 21°13 | 19° 3 | | |
| T 28 | 9 1 50 | 16°46'44" | 10II 1 | 25°55 | 29°44 | 6°48 | 12°19 | 23°32 | 7°32 | 8°46 | 11° 1 | 14° 1 | 14° 3 | 21°20 | 19° 0 | | |
| W29 | 9 5 47 | 17°47'21" | 22° 1 | 25° 7 | 0°59 | 7° 6 | 12°25 | 23°34 | 7°30 | 8°45 | 10°59 | 13°58 | 14° 0 | 21°26 | 18°56 | | |
| T 30 | 9 9 43 | 18°47'56" | 4°16 | 24°11 | 2°14 | 7°25 | 12°31 | 23°37 | 7°27 | 8°44 | 10°58 | 13°51 | 13°56 | 21°33 | 18°53 | | |
| F 31 | 9 13 40 | 19°48'29" | 16°48 | 23°10 | 3°29 | 7II.43 | 12°38 | 23M.39 | 7°25 | 8°43 | 10°56 | 13M.42 | 13M.53 | 21°40 | 18°49 | | |

Delta T = 219.00 sec. Julian Calendar 1 Jan. 1455 == Greg. Calendar 10 Jan. 1455

FEBRUARY 1455 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|-----------|--------|--------|-------|---------|-------|--------|-------|-------|--------|--------|--------|-------|--------|---|---|
| S 1 | 9 17 36 | 20°49'00" | 29°38 | 22°R 5 | 4°44 | 8II 2 | 12°34 | 23M.41 | 7°R22 | 8°R42 | 10°R55 | 13°R30 | 13M.50 | 21°46 | 18°R46 | | |
| S 2 | 9 21 33 | 21°49'30" | 12°L48 | 20°58 | 5°58 | 8°22 | 12°51 | 23°43 | 7°L20 | 8°L41 | 10°L53 | 13M.17 | 13°47 | 21°53 | 18°L42 | | |
| M 3 | 9 25 29 | 22°49'58" | 26°16 | 19°50 | 7°13 | 8°42 | 12°58 | 23°45 | 7°17 | 8°40 | 10°52 | 13° 4 | 13°44 | 22° 0 | 18°39 | | |
| T 4 | 9 29 26 | 23°50'24" | 9M.59 | 18°44 | 8°28 | 9° 2 | 13° 5 | 23°47 | 7°15 | 8°39 | 10°51 | 12°52 | 13°41 | 22° 6 | 18°35 | | |
| W 5 | 9 33 22 | 24°50'49" | 23°54 | 17°40 | 9°43 | 9°22 | 13°12 | 23°49 | 7°12 | 8°38 | 10°49 | 12°43 | 13°37 | 22°13 | 18°32 | | |
| T 6 | 9 37 19 | 25°51'12" | 7L.56 | 16°40 | 10°58 | 9°43 | 13°20 | 23°51 | 7°10 | 8°37 | 10°48 | 12°36 | 13°34 | 22°19 | 18°29 | | |
| F 7 | 9 41 16 | 26°51'33" | 22° 3 | 15°46 | 12°13 | 10° 5 | 13°27 | 23°53 | 7° 7 | 8°36 | 10°46 | 12°32 | 13°31 | 22°26 | 18°26 | | |
| S 8 | 9 45 12 | 27°51'54" | 6M.10 | 14°58 | 13°27 | 10°26 | 13°35 | 23°54 | 7° 5 | 8°35 | 10°45 | 12°31 | 13°28 | 22°33 | 18°23 | | |
| S 9 | 9 49 9 | 28°52'13" | 20°17 | 14°16 | 14°42 | 10°48 | 13°43 | 23°56 | 7° 3 | 8°34 | 10°44 | 12°D31 | 13°25 | 22°39 | 18°20 | | |
| M10 | 9 53 5 | 29°52'30" | 4°23 | 13°41 | 15°57 | 11°10 | 13°51 | 23°57 | 7° 0 | 8°33 | 10°42 | 12°R31 | 13°22 | 22°46 | 18°17 | | |
| T 11 | 9 57 2 | 0°52'46" | 18°26 | 13°14 | 17°12 | 11°33 | 13°59 | 23°58 | 6°58 | 8°31 | 10°41 | 12°29 | 13°18 | 22°53 | 18°15 | | |
| W12 | 10 0 58 | 1°53'01" | 2°32 | 12°54 | 18°27 | 11°56 | 14° 7 | 23°59 | 6°56 | 8°30 | 10°40 | 12°26 | 13°15 | 22°59 | 18°12 | | |
| T 13 | 10 4 55 | 2°53'14" | 16°21 | 12°41 | 19°41 | 12°19 | 14°16 | 24° 0 | 6°53 | 8°29 | 10°38 | 12°20 | 13°12 | 23° 6 | 18° 9 | | |
| F 14 | 10 8 51 | 3°53'26" | 0°10 | 12°D34 | 20°56 | 12°42 | 14°24 | 24° 1 | 6°51 | 8°28 | 10°37 | 12°11 | 13° 9 | 23°13 | 18° 7 | | |
| S 15 | 10 12 48 | 4°53'35" | 13°48 | 12°35 | 22°11 | 13° 6 | 14°33 | 24° 2 | 6°49 | 8°26 | 10°36 | 12° 0 | 13° 6 | 23°19 | 18° 5 | | |
| S 16 | 10 16 45 | 5°53'43" | 27°15 | 12°41 | 23°26 | 13°30 | 14°42 | 24° 3 | 6°47 | 8°25 | 10°34 | 11°49 | 13° 2 | 23°26 | 18° 2 | | |
| M17 | 10 20 41 | 6°53'49" | 10°26 | 12°54 | 24°41 | 13°54 | 14°51 | 24° 4 | 6°44 | 8°24 | 10°33 | 11°37 | 12°59 | 23°33 | 18° 0 | | |
| T 18 | 10 24 38 | 7°53'53" | 23°20 | 13°12 | 25°55 | 14°19 | 15° 0 | 24° 4 | 6°42 | 8°22 | 10°32 | 11°27 | 12°56 | 23°39 | 17°58 | | |
| W19 | 10 28 34 | 8°53'56" | 5°57 | 13°36 | 27°10 | 14°43 | 15° 9 | 24° 5 | 6°40 | 8°21 | 10°31 | 11°19 | 12°53 | 23°46 | 17°56 | | |
| T 20 | 10 32 31 | 9°53'56" | 18°18 | 14° 4 | 28°25 | 15° 8 | 15°19 | 24° 5 | 6°38 | 8°20 | 10°29 | 11°14 | 12°50 | 23°53 | 17°54 | | |
| F 21 | 10 36 27 | 10°53'54" | 0°24 | 14°37 | 29°39 | 15°34 | 15°28 | 24° 5 | 6°36 | 8°18 | 10°28 | 11°11 | 12°47 | 23°59 | 17°52 | | |
| S 22 | 10 40 24 | 11°53'50" | 12°20 | 15°15 | 0°54 | 15°59 | 15°38 | 24° 5 | 6°34 | 8°17 | 10°27 | 11°D11 | 12°43 | 24° 6 | 17°50 | | |
| S 23 | 10 44 20 | 12°53'43" | 24° 9 | 15°56 | 2° 9 | 16°25 | 15°47 | 24°R 5 | 6°32 | 8°15 | 10°26 | 11°11 | 12°40 | 24°12 | 17°48 | | |
| M24 | 10 48 17 | 13°53'35" | 5II.57 | 16°41 | 3°24 | 16°51 | 15°57 | 24° 5 | 6°30 | 8°14 | 10°25 | 11°12 | 12°37 | 24°19 | 17°47 | | |
| T 25 | 10 52 13 | 14°53'24" | 17°48 | 17°30 | 4°38 | 17°17 | 16° 7 | 24° 5 | 6°28 | 8°12 | 10°24 | 11°R13 | 12°34 | 24°26 | 17°45 | | |
| W26 | 10 56 10 | 15°53'11" | 29°50 | 18°22 | 5°53 | 17°44 | 16°17 | 24° 5 | 6°26 | 8°11 | 10°22 | 11°11 | 12°31 | 24°32 | 17°44 | | |
| T 27 | 11 0 7 | 16°52'56" | 12°5 | 19°17 | 7° 8 | 18°10 | 16°27 | 24° 4 | 6°25 | 8° 9 | 10°21 | 11° 8 | 12°28 | 24°39 | 17°43 | | |
| F 28 | 11 4 3 | 17°52'39" | 24°40 | 20°15 | 8°22 | 18II.37 | 16°38 | 24M. 4 | 6°23 | 8° 8 | 10°20 | 11M. 3 | 12M.24 | 24°46 | 17°41 | | |

Delta T = 218.91 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1455

MARCH 1455 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ |
|------|----------|----------|-------|-------|-------|--------|-------|--------|-------|-------|--------|--------|-------|-------|--------|---|
| S 1 | 11 8 0 | 18X52'19 | 7Ω36 | 21≈16 | 9X37 | 19II 4 | 16B48 | 24°R 3 | 6°R21 | 8°R 6 | 10°R19 | 10°R56 | 12M21 | 24B52 | 17°R40 | |
| S 2 | 11 11 56 | 19°51'57 | 20°56 | 22°19 | 10°51 | 19°31 | 16°58 | 24M 3 | 6Ω19 | 8Ω 5 | 10Ω18 | 10M47 | 12°18 | 24°59 | 17B39 | |
| M 3 | 11 15 53 | 20°51'33 | 4M39 | 23°25 | 12° 6 | 19°59 | 17° 9 | 24° 2 | 6°18 | 8° 3 | 10°17 | 10°38 | 12°15 | 25° 6 | 17°38 | |
| T 4 | 11 19 49 | 21°51'07 | 18°42 | 24°33 | 13°21 | 20°26 | 17°20 | 24° 1 | 6°16 | 8° 2 | 10°16 | 10°30 | 12°12 | 25°12 | 17°38 | |
| W 5 | 11 23 46 | 22°50'38 | 3Ω 1 | 25°43 | 14°35 | 20°54 | 17°30 | 24° 0 | 6°14 | 8° 0 | 10°15 | 10°24 | 12° 8 | 25°19 | 17°37 | |
| T 6 | 11 27 42 | 23°50'08 | 17°30 | 26°55 | 15°50 | 21°22 | 17°41 | 23°59 | 6°13 | 7°59 | 10°14 | 10°20 | 12° 5 | 25°26 | 17°36 | |
| F 7 | 11 31 39 | 24°49'36 | 2M 3 | 28°10 | 17° 4 | 21°50 | 17°52 | 23°58 | 6°11 | 7°57 | 10°13 | 10°18 | 12° 2 | 25°32 | 17°36 | |
| S 8 | 11 35 36 | 25°49'01 | 16°34 | 29°26 | 18°19 | 22°18 | 18° 3 | 23°57 | 6°10 | 7°55 | 10°12 | 10°D18 | 11°59 | 25°39 | 17°35 | |
| S 9 | 11 39 32 | 26°48'26 | 0X59 | 0X44 | 19°33 | 22°47 | 18°14 | 23°55 | 6° 9 | 7°54 | 10°11 | 10°19 | 11°56 | 25°46 | 17°35 | |
| M10 | 11 43 29 | 27°47'48 | 15°15 | 2° 4 | 20°48 | 23°16 | 18°26 | 23°54 | 6° 7 | 7°52 | 10°10 | 10°20 | 11°53 | 25°52 | 17°35 | |
| T 11 | 11 47 25 | 28°47'09 | 29°19 | 3°26 | 22° 2 | 23°44 | 18°37 | 23°52 | 6° 6 | 7°51 | 10° 9 | 10°R21 | 11°49 | 25°59 | 17°35 | |
| W12 | 11 51 22 | 29°46'28 | 13B12 | 4°49 | 23°17 | 24°13 | 18°48 | 23°51 | 6° 5 | 7°49 | 10° 8 | 10°20 | 11°46 | 26° 6 | 17°D35 | |
| T 13 | 11 55 18 | 0Y45'45 | 26°52 | 6°14 | 24°31 | 24°42 | 19° 0 | 23°49 | 6° 4 | 7°47 | 10° 8 | 10°17 | 11°43 | 26°12 | 17°35 | |
| F 14 | 11 59 15 | 1°45'00 | 10≈19 | 7°40 | 25°46 | 25°12 | 19°12 | 23°47 | 6° 2 | 7°46 | 10° 7 | 10°13 | 11°40 | 26°19 | 17°35 | |
| S 15 | 12 3 11 | 2°44'13 | 23°34 | 9° 8 | 27° 0 | 25°41 | 19°23 | 23°45 | 6° 1 | 7°44 | 10° 6 | 10° 7 | 11°37 | 26°25 | 17°35 | |
| S 16 | 12 7 8 | 3°43'25 | 6X35 | 10°38 | 28°15 | 26°11 | 19°35 | 23°43 | 6° 0 | 7°42 | 10° 5 | 10° 1 | 11°33 | 26°32 | 17°36 | |
| M17 | 12 11 5 | 4°42'34 | 19°24 | 12° 9 | 29°29 | 26°40 | 19°47 | 23°41 | 5°59 | 7°41 | 10° 5 | 9°54 | 11°30 | 26°39 | 17°36 | |
| T 18 | 12 15 1 | 5°41'42 | 1Y59 | 13°42 | 0Y43 | 27°10 | 19°59 | 23°39 | 5°58 | 7°39 | 10° 4 | 9°49 | 11°27 | 26°45 | 17°37 | |
| W19 | 12 18 58 | 6°40'47 | 14°21 | 15°16 | 1°58 | 27°40 | 20°11 | 23°37 | 5°57 | 7°37 | 10° 3 | 9°45 | 11°24 | 26°52 | 17°37 | |
| T 20 | 12 22 54 | 7°39'51 | 26°31 | 16°52 | 3°12 | 28°10 | 20°23 | 23°34 | 5°56 | 7°36 | 10° 2 | 9°42 | 11°21 | 26°59 | 17°38 | |
| F 21 | 12 26 51 | 8°38'52 | 8B31 | 18°29 | 4°27 | 28°40 | 20°35 | 23°32 | 5°56 | 7°34 | 10° 2 | 9°D42 | 11°18 | 27° 5 | 17°39 | |
| S 22 | 12 30 47 | 9°37'51 | 20°24 | 20° 8 | 5°41 | 29°11 | 20°47 | 23°29 | 5°55 | 7°32 | 10° 1 | 9°42 | 11°14 | 27°12 | 17°40 | |
| S 23 | 12 34 44 | 10°36'48 | 2II12 | 21°48 | 6°55 | 29°41 | 20°59 | 23°27 | 5°54 | 7°31 | 10° 1 | 9°44 | 11°11 | 27°19 | 17°41 | |
| M24 | 12 38 40 | 11°35'43 | 14° 0 | 23°30 | 8°10 | 0B12 | 21°12 | 23°24 | 5°54 | 7°29 | 10° 0 | 9°45 | 11° 8 | 27°25 | 17°42 | |
| T 25 | 12 42 37 | 12°34'35 | 25°52 | 25°13 | 9°24 | 0°43 | 21°24 | 23°21 | 5°53 | 7°28 | 10° 0 | 9°47 | 11° 5 | 27°32 | 17°44 | |
| W26 | 12 46 33 | 13°33'25 | 7B52 | 26°58 | 10°38 | 1°13 | 21°37 | 23°18 | 5°52 | 7°26 | 9°59 | 9°48 | 11° 2 | 27°39 | 17°45 | |
| T 27 | 12 50 30 | 14°32'13 | 20° 6 | 28°44 | 11°53 | 1°44 | 21°49 | 23°16 | 5°52 | 7°24 | 9°59 | 9°R48 | 10°59 | 27°45 | 17°47 | |
| F 28 | 12 54 27 | 15°30'59 | 2Ω38 | 0Y31 | 13° 7 | 2°15 | 22° 2 | 23°13 | 5°51 | 7°23 | 9°58 | 9°47 | 10°55 | 27°52 | 17°48 | |
| S 29 | 12 58 23 | 16°29'42 | 15°33 | 2°21 | 14°21 | 2°47 | 22°14 | 23° 9 | 5°51 | 7°21 | 9°58 | 9°45 | 10°52 | 27°59 | 17°50 | |
| S 30 | 13 2 20 | 17°28'23 | 28°53 | 4°12 | 15°35 | 3°18 | 22°27 | 23° 6 | 5°51 | 7°19 | 9°57 | 9°42 | 10°49 | 28° 5 | 17°52 | |
| M31 | 13 6 16 | 18Y27'02 | 12M39 | 6Y 4 | 16Y49 | 3B49 | 22B40 | 23M 3 | 5Ω50 | 7Ω18 | 9Ω57 | 9M39 | 10M46 | 28B12 | 17B54 | |

Delta T = 218.84 sec. Julian Calendar 1 March 1455 == Greg. Calendar 10 March 1455

APRIL 1455 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ |
|------|----------|----------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|---|
| T 1 | 13 10 13 | 19Y25'39 | 26M50 | 7Y58 | 18Y 4 | 4B21 | 22B53 | 23°R 0 | 5°R50 | 7°R16 | 9°R56 | 9°R36 | 10M43 | 28B18 | 17B56 | |
| W 2 | 13 14 9 | 20°24'13 | 11Ω23 | 9°53 | 19°18 | 4°52 | 23° 6 | 22M56 | 5Ω50 | 7Ω15 | 9Ω56 | 9M34 | 10°39 | 28°25 | 17°58 | |
| T 3 | 13 18 6 | 21°22'46 | 26°11 | 11°51 | 20°32 | 5°24 | 23°18 | 22°53 | 5°50 | 7°13 | 9°56 | 9°33 | 10°36 | 28°32 | 18° 0 | |
| F 4 | 13 22 2 | 22°21'17 | 11M 7 | 13°49 | 21°46 | 5°56 | 23°31 | 22°50 | 5°50 | 7°11 | 9°56 | 9°D32 | 10°33 | 28°38 | 18° 2 | |
| S 5 | 13 25 59 | 23°19'46 | 26° 3 | 15°49 | 23° 0 | 6°28 | 23°44 | 22°46 | 5°D50 | 7°10 | 9°55 | 9°33 | 10°30 | 28°45 | 18° 5 | |
| S 6 | 13 29 56 | 24°18'13 | 10X52 | 17°51 | 24°14 | 7° 0 | 23°58 | 22°42 | 5°50 | 7° 8 | 9°55 | 9°34 | 10°27 | 28°52 | 18° 7 | |
| M 7 | 13 33 52 | 25°16'38 | 25°26 | 19°54 | 25°29 | 7°32 | 24°11 | 22°39 | 5°50 | 7° 7 | 9°55 | 9°35 | 10°24 | 28°58 | 18°10 | |
| T 8 | 13 37 49 | 26°15'02 | 9B43 | 21°58 | 26°43 | 8° 4 | 24°24 | 22°35 | 5°50 | 7° 5 | 9°55 | 9°36 | 10°20 | 29° 5 | 18°12 | |
| W 9 | 13 41 45 | 27°13'25 | 23°41 | 24° 3 | 27°57 | 8°36 | 24°37 | 22°31 | 5°50 | 7° 4 | 9°55 | 9°R36 | 10°17 | 29°12 | 18°15 | |
| T 10 | 13 45 42 | 28°11'46 | 7≈18 | 26°10 | 29°11 | 9° 8 | 24°50 | 22°27 | 5°51 | 7° 2 | 9°54 | 9°36 | 10°14 | 29°18 | 18°18 | |
| F 11 | 13 49 38 | 29°10'05 | 20°35 | 28°17 | 0B25 | 9°41 | 25° 4 | 22°24 | 5°51 | 7° 1 | 9°54 | 9°35 | 10°11 | 29°25 | 18°21 | |
| S 12 | 13 53 35 | 0B 8'23 | 3X34 | 0B26 | 1°39 | 10°13 | 25°17 | 22°20 | 5°51 | 6°59 | 9°54 | 9°34 | 10° 8 | 29°32 | 18°24 | |
| S 13 | 13 57 31 | 1° 6'39 | 16°18 | 2°35 | 2°53 | 10°46 | 25°30 | 22°16 | 5°52 | 6°58 | 9°D54 | 9°33 | 10° 4 | 29°38 | 18°27 | |
| M14 | 14 1 28 | 2° 4'53 | 28°47 | 4°44 | 4° 7 | 11°18 | 25°44 | 22°12 | 5°52 | 6°56 | 9°54 | 9°32 | 10° 1 | 29°45 | 18°30 | |
| T 15 | 14 5 25 | 3° 3'06 | 11Y 4 | 6°53 | 5°21 | 11°51 | 25°57 | 22° 8 | 5°53 | 6°55 | 9°54 | 9°31 | 9°58 | 29°52 | 18°33 | |
| W16 | 14 9 21 | 4° 1'17 | 23°12 | 9° 3 | 6°35 | 12°24 | 26°11 | 22° 3 | 5°53 | 6°53 | 9°54 | 9°31 | 9°55 | 29°58 | 18°37 | |
| T 17 | 14 13 18 | 4°59'27 | 5B11 | 11°11 | 7°49 | 12°57 | 26°24 | 21°59 | 5°54 | 6°52 | 9°54 | 9°D31 | 9°52 | 0II 5 | 18°40 | |
| F 18 | 14 17 14 | 5°57'35 | 17° 4 | 13°19 | 9° 3 | 13°30 | 26°38 | 21°55 | 5°55 | 6°50 | 9°55 | 9°31 | 9°49 | 0°12 | 18°44 | |
| S 19 | 14 21 11 | 6°55'41 | 28°53 | 15°27 | 10°17 | 14° 3 | 26°51 | 21°51 | 5°55 | 6°49 | 9°55 | 9°31 | 9°45 | 0°18 | 18°47 | |
| S 20 | 14 25 7 | 7°53'45 | 10II41 | 17°32 | 11°31 | 14°36 | 27° 5 | 21°47 | 5°56 | 6°48 | 9°55 | 9°31 | 9°42 | 0°25 | 18°51 | |
| M21 | 14 29 4 | 8°51'48 | 22°30 | 19°36 | 12°45 | 15° 9 | 27°19 | 21°42 | 5°57 | 6°46 | 9°55 | 9°31 | 9°39 | 0°32 | 18°55 | |
| T 22 | 14 33 0 | 9°49'49 | 4B23 | 21°39 | 13°59 | 15°42 | 27°32 | 21°38 | 5°58 | 6°45 | 9°55 | 9°R31 | 9°36 | 0°38 | 18°59 | |
| W23 | 14 36 57 | 10°47'48 | 16°25 | 23°39 | 15°13 | 16°16 | 27°46 | 21°34 | 5°59 | 6°44 | 9°56 | 9°31 | 9°33 | 0°45 | 19° 2 | |
| T 24 | 14 40 54 | 11°45'45 | 28°38 | 25°36 | 16°27 | 16°49 | 28° 0 | 21°29 | 6° 0 | 6°42 | 9°56 | 9°31 | 9°30 | 0°52 | 19° 6 | |
| F 25 | 14 44 50 | 12°43'40 | 11Ω 8 | 27°32 | 17°40 | 17°23 | 28°14 | 21°25 | 6° 1 | 6°41 | 9°56 | 9°D31 | 9°26 | 0°58 | 19°11 | |
| S 26 | 14 48 47 | 13°41'33 | 23°58 | 29°24 | 18°54 | 17°56 | 28°27 | 21°21 | 6° 2 | 6°40 | 9°57 | 9°31 | 9°23 | 1° 5 | 19°15 | |
| S 27 | 14 52 43 | 14°39'25 | 7M12 | 1II14 | 20° 8 | 18°30 | 28°41 | 21°16 | 6° 3 | 6°39 | 9°57 | 9°31 | 9°20 | 1°11 | 19°19 | |
| M28 | 14 56 40 | 15°37'15 | 20°52 | 3° 0 | 21°22 | 19° 4 | 28°55 | 21°12 | 6° 4 | 6°37 | 9°57 | 9°32 | 9°17 | 1°18 | 19°23 | |
| T 29 | 15 0 36 | 16°35'03 | 4Ω59 | 4°44 | 22°36 | 19°37 | 29° 9 | 21° 7 | 6° 6 | 6°36 | 9°58 | 9°32 | 9°14 | 1°25 | 19°28 | |
| W30 | 15 4 33 | 17B32'49 | 19Ω31 | 6II24 | 23B50 | 20B11 | 29B23 | 21M 3 | 6Ω 7 | 6Ω35 | 9Ω58 | 9M33 | 9M10 | 1II31 | 19B32 | |

Delta T = 218.76 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1455

MAY 1455 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|---------|-------|-------|--------|--------|------|-------|-------|-------|------|------|-------|---|
| T 1 | 15 8 29 | 18♂30'34 | 4♂24 | 8♂ 1 | 25♂ 3 | 20♂45 | 29♂37 | 20°R58 | 6♂ 8 | 6°R34 | 9♂59 | 9°R33 | 9♂ 7 | 1♂38 | 19♂37 | |
| F 2 | 15 12 26 | 19°28'17 | 19°30 | 9°35 | 26°17 | 21°19 | 29°50 | 20♂54 | 6°10 | 6♂33 | 9°59 | 9♂33 | 9° 4 | 1°45 | 19°41 | |
| S 3 | 15 16 23 | 20°25'59 | 4♂42 | 11° 5 | 27°31 | 21°53 | 0♂ 4 | 20°50 | 6°11 | 6°32 | 10° 0 | 9°32 | 9° 1 | 1°51 | 19°46 | |
| S 4 | 15 20 19 | 21°23'40 | 19°49 | 12°32 | 28°45 | 22°27 | 0°18 | 20°45 | 6°13 | 6°31 | 10° 0 | 9°31 | 8°58 | 1°58 | 19°51 | |
| M 5 | 15 24 16 | 22°21'20 | 4♂43 | 13°55 | 29°58 | 23° 1 | 0°32 | 20°41 | 6°14 | 6°30 | 10° 1 | 9°30 | 8°55 | 2° 5 | 19°56 | |
| T 6 | 15 28 12 | 23°18'58 | 19°16 | 15°15 | 1♂12 | 23°35 | 0°46 | 20°36 | 6°16 | 6°29 | 10° 1 | 9°28 | 8°51 | 2°11 | 20° 1 | |
| W 7 | 15 32 9 | 24°16'36 | 3♂25 | 16°31 | 2°26 | 24° 9 | 1° 0 | 20°32 | 6°17 | 6°28 | 10° 2 | 9°27 | 8°48 | 2°18 | 20° 6 | |
| T 8 | 15 36 5 | 25°14'12 | 17° 8 | 17°43 | 3°40 | 24°43 | 1°14 | 20°27 | 6°19 | 6°27 | 10° 3 | 9°26 | 8°45 | 2°25 | 20°11 | |
| F 9 | 15 40 2 | 26°11'48 | 0♂25 | 18°52 | 4°53 | 25°18 | 1°28 | 20°23 | 6°21 | 6°26 | 10° 3 | 9°D26 | 8°42 | 2°31 | 20°16 | |
| S 10 | 15 43 58 | 27° 9'22 | 13°19 | 19°57 | 6° 7 | 25°52 | 1°42 | 20°18 | 6°23 | 6°25 | 10° 4 | 9°27 | 8°39 | 2°38 | 20°21 | |
| S 11 | 15 47 55 | 28° 6'56 | 25°53 | 20°59 | 7°21 | 26°27 | 1°56 | 20°14 | 6°25 | 6°24 | 10° 5 | 9°28 | 8°36 | 2°45 | 20°26 | |
| M12 | 15 51 52 | 29° 4'28 | 8♂11 | 21°56 | 8°34 | 27° 1 | 2°10 | 20°10 | 6°26 | 6°23 | 10° 6 | 9°29 | 8°32 | 2°51 | 20°32 | |
| T 13 | 15 55 48 | 0♂ 2'00 | 20°17 | 22°50 | 9°48 | 27°36 | 2°24 | 20° 5 | 6°28 | 6°22 | 10° 6 | 9°31 | 8°29 | 2°58 | 20°37 | |
| W14 | 15 59 45 | 0°59'31 | 2♂14 | 23°39 | 11° 2 | 28°10 | 2°38 | 20° 1 | 6°30 | 6°21 | 10° 7 | 9°32 | 8°26 | 3° 5 | 20°42 | |
| T 15 | 16 3 41 | 1°57'01 | 14° 5 | 24°25 | 12°15 | 28°45 | 2°52 | 19°56 | 6°32 | 6°21 | 10° 8 | 9°R32 | 8°23 | 3°11 | 20°48 | |
| F 16 | 16 7 38 | 2°54'30 | 28° 5 | 25° 6 | 13°29 | 29°20 | 3° 6 | 19°52 | 6°34 | 6°20 | 10° 9 | 9°31 | 8°20 | 3°18 | 20°53 | |
| S 17 | 16 11 34 | 3°51'58 | 7♂41 | 25°43 | 14°43 | 29°54 | 3°20 | 19°48 | 6°37 | 6°19 | 10°10 | 9°29 | 8°16 | 3°25 | 20°59 | |
| S 18 | 16 15 31 | 4°49'25 | 19°30 | 26°15 | 15°56 | 0♂29 | 3°34 | 19°44 | 6°39 | 6°18 | 10°11 | 9°25 | 8°13 | 3°31 | 21° 5 | |
| M19 | 16 19 27 | 5°46'51 | 1♂23 | 26°44 | 17°10 | 1° 4 | 3°48 | 19°39 | 6°41 | 6°18 | 10°12 | 9°21 | 8°10 | 3°38 | 21°10 | |
| T 20 | 16 23 24 | 6°44'17 | 13°22 | 27° 7 | 18°23 | 1°39 | 4° 2 | 19°35 | 6°43 | 6°17 | 10°13 | 9°17 | 8° 7 | 3°45 | 21°16 | |
| W21 | 16 27 21 | 7°41'41 | 25°29 | 27°27 | 19°37 | 2°14 | 4°16 | 19°31 | 6°45 | 6°17 | 10°14 | 9°12 | 8° 4 | 3°51 | 21°22 | |
| T 22 | 16 31 17 | 8°39'03 | 7♂46 | 27°41 | 20°51 | 2°49 | 4°30 | 19°27 | 6°48 | 6°16 | 10°15 | 9° 8 | 8° 1 | 3°58 | 21°28 | |
| F 23 | 16 35 14 | 9°36'25 | 20°18 | 27°51 | 22° 4 | 3°24 | 4°44 | 19°23 | 6°50 | 6°15 | 10°16 | 9° 6 | 7°57 | 4° 5 | 21°34 | |
| S 24 | 16 39 10 | 10°33'46 | 3♂ 7 | 27°57 | 23°18 | 3°59 | 4°58 | 19°19 | 6°52 | 6°15 | 10°17 | 9° 4 | 7°54 | 4°11 | 21°40 | |
| S 25 | 16 43 7 | 11°31'06 | 16°15 | 27°R58 | 24°31 | 4°34 | 5°12 | 19°15 | 6°55 | 6°14 | 10°18 | 9°D 4 | 7°51 | 4°18 | 21°46 | |
| M26 | 16 47 3 | 12°28'24 | 29°47 | 27°54 | 25°45 | 5° 9 | 5°25 | 19°11 | 6°57 | 6°14 | 10°19 | 9° 5 | 7°48 | 4°25 | 21°52 | |
| T 27 | 16 51 0 | 13°25'42 | 13♂43 | 27°46 | 26°58 | 5°45 | 5°39 | 19° 7 | 7° 0 | 6°14 | 10°20 | 9° 6 | 7°45 | 4°31 | 21°58 | |
| W28 | 16 54 56 | 14°22'59 | 28° 4 | 27°34 | 28°12 | 6°20 | 5°53 | 19° 3 | 7° 2 | 6°13 | 10°21 | 9° 7 | 7°42 | 4°38 | 22° 4 | |
| T 29 | 16 58 53 | 15°20'15 | 12♂48 | 27°18 | 29°25 | 6°55 | 6° 7 | 19° 0 | 7° 5 | 6°13 | 10°22 | 9°R 8 | 7°38 | 4°45 | 22°11 | |
| F 30 | 17 2 50 | 16°17'30 | 27°49 | 26°58 | 0♂39 | 7°31 | 6°21 | 18°56 | 7° 8 | 6°12 | 10°23 | 9° 7 | 7°35 | 4°51 | 22°17 | |
| S 31 | 17 6 46 | 17°14'44 | 13♂ 1 | 26°II34 | 1♂52 | 8♂ 6 | 6°II35 | 18♂52 | 7♂10 | 6♂12 | 10♂25 | 9♂ 4 | 7♂32 | 4♂58 | 22♂23 | |

Delta T = 218.68 sec. Julian Calendar 1 May 1455 == Greg. Calendar 10 May 1455

JUNE 1455 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|----------|----------|-------|---------|-------|-------|---------|--------|------|-------|-------|-------|------|------|-------|---|
| S 1 | 17 10 43 | 18♂11'58 | 28♂13 | 26°R 8 | 3♂ 6 | 8♂42 | 6♂49 | 18°R49 | 7♂13 | 6°R12 | 10♂26 | 8°R59 | 7♂29 | 5♂ 5 | 22♂30 | |
| M 2 | 17 14 39 | 19° 9'12 | 13♂16 | 25♂39 | 4°19 | 9°17 | 7° 2 | 18♂45 | 7°16 | 6♂12 | 10°27 | 8♂54 | 7°26 | 5°11 | 22°36 | |
| T 3 | 17 18 36 | 20° 6'25 | 28° 0 | 25° 7 | 5°32 | 9°53 | 7°16 | 18°42 | 7°19 | 6°11 | 10°28 | 8°48 | 7°22 | 5°18 | 22°43 | |
| W 4 | 17 22 32 | 21° 3'38 | 12♂20 | 24°34 | 6°46 | 10°28 | 7°30 | 18°38 | 7°21 | 6°11 | 10°30 | 8°42 | 7°19 | 5°25 | 22°49 | |
| T 5 | 17 26 29 | 22° 0'50 | 26°11 | 24° 0 | 7°59 | 11° 4 | 7°44 | 18°35 | 7°24 | 6°11 | 10°31 | 8°38 | 7°16 | 5°31 | 22°56 | |
| F 6 | 17 30 25 | 22°58'02 | 9♂33 | 23°25 | 9°13 | 11°40 | 7°57 | 18°31 | 7°27 | 6°11 | 10°32 | 8°35 | 7°13 | 5°38 | 23° 2 | |
| S 7 | 17 34 22 | 23°55'15 | 22°28 | 22°51 | 10°26 | 12°15 | 8°11 | 18°28 | 7°30 | 6°11 | 10°34 | 8°D34 | 7°10 | 5°45 | 23° 9 | |
| S 8 | 17 38 19 | 24°52'27 | 5♂ 1 | 22°17 | 11°39 | 12°51 | 8°25 | 18°25 | 7°33 | 6°11 | 10°35 | 8°35 | 7° 7 | 5°51 | 23°15 | |
| M 9 | 17 42 15 | 25°49'39 | 17°15 | 21°44 | 12°53 | 13°27 | 8°38 | 18°22 | 7°36 | 6°D11 | 10°36 | 8°36 | 7° 3 | 5°58 | 23°22 | |
| T 10 | 17 46 12 | 26°46'51 | 29°15 | 21°13 | 14° 6 | 14° 3 | 8°52 | 18°19 | 7°39 | 6°11 | 10°38 | 8°37 | 7° 0 | 6° 5 | 23°29 | |
| W11 | 17 50 8 | 27°44'04 | 11♂ 8 | 20°44 | 15°19 | 14°39 | 9° 6 | 18°16 | 7°42 | 6°11 | 10°39 | 8°R38 | 6°57 | 6°11 | 23°36 | |
| T 12 | 17 54 5 | 28°41'16 | 22°55 | 20°18 | 16°33 | 15°15 | 9°19 | 18°13 | 7°45 | 6°11 | 10°41 | 8°36 | 6°54 | 6°18 | 23°42 | |
| F 13 | 17 58 1 | 29°38'28 | 4♂42 | 19°55 | 17°46 | 15°51 | 9°33 | 18°10 | 7°48 | 6°11 | 10°42 | 8°33 | 6°51 | 6°24 | 23°49 | |
| S 14 | 18 1 58 | 0♂35'40 | 16°32 | 19°37 | 18°59 | 16°27 | 9°46 | 18° 8 | 7°51 | 6°11 | 10°44 | 8°28 | 6°48 | 6°31 | 23°56 | |
| S 15 | 18 5 54 | 1°32'52 | 28°26 | 19°22 | 20°13 | 17° 3 | 10° 0 | 18° 5 | 7°54 | 6°11 | 10°45 | 8°20 | 6°44 | 6°38 | 24° 3 | |
| M16 | 18 9 51 | 2°30'05 | 10♂26 | 19°11 | 21°26 | 17°39 | 10°13 | 18° 2 | 7°58 | 6°12 | 10°47 | 8°11 | 6°41 | 6°44 | 24°10 | |
| T 17 | 18 13 48 | 3°27'17 | 22°35 | 19° 5 | 22°39 | 18°15 | 10°26 | 18° 0 | 8° 1 | 6°12 | 10°48 | 8° 0 | 6°38 | 6°51 | 24°17 | |
| W18 | 18 17 44 | 4°24'29 | 4♂53 | 19°D 4 | 23°53 | 18°52 | 10°40 | 17°57 | 8° 4 | 6°12 | 10°50 | 7°50 | 6°35 | 6°58 | 24°24 | |
| T 19 | 18 21 41 | 5°21'41 | 17°21 | 19° 7 | 25° 6 | 19°28 | 10°53 | 17°55 | 8° 7 | 6°12 | 10°51 | 7°41 | 6°32 | 7° 4 | 24°31 | |
| F 20 | 18 25 37 | 6°18'52 | 0♂ 1 | 19°16 | 26°19 | 20° 4 | 11° 6 | 17°53 | 8°10 | 6°13 | 10°53 | 7°34 | 6°28 | 7°11 | 24°38 | |
| S 21 | 18 29 34 | 7°16'04 | 12°55 | 19°30 | 27°32 | 20°41 | 11°19 | 17°51 | 8°14 | 6°13 | 10°54 | 7°29 | 6°25 | 7°18 | 24°45 | |
| S 22 | 18 33 30 | 8°13'15 | 26° 4 | 19°48 | 28°46 | 21°17 | 11°33 | 17°49 | 8°17 | 6°14 | 10°56 | 7°27 | 6°22 | 7°24 | 24°52 | |
| M23 | 18 37 27 | 9°10'26 | 9♂32 | 20°12 | 29°59 | 21°54 | 11°46 | 17°47 | 8°20 | 6°14 | 10°58 | 7°D26 | 6°19 | 7°31 | 24°59 | |
| T 24 | 18 41 23 | 10° 7'37 | 23°19 | 20°41 | 1♂12 | 22°30 | 11°59 | 17°45 | 8°24 | 6°14 | 10°59 | 7°26 | 6°16 | 7°38 | 25° 6 | |
| W25 | 18 45 20 | 11° 4'48 | 7♂27 | 21°16 | 2°25 | 23° 7 | 12°12 | 17°43 | 8°27 | 6°15 | 11° 1 | 7°R27 | 6°13 | 7°44 | 25°13 | |
| T 26 | 18 49 17 | 12° 2'00 | 21°55 | 21°55 | 3°38 | 23°43 | 12°25 | 17°41 | 8°31 | 6°16 | 11° 3 | 7°26 | 6° 9 | 7°51 | 25°21 | |
| F 27 | 18 53 13 | 12°59'11 | 6♂40 | 22°40 | 4°51 | 24°20 | 12°38 | 17°40 | 8°34 | 6°16 | 11° 4 | 7°23 | 6° 6 | 7°58 | 25°28 | |
| S 28 | 18 57 10 | 13°56'22 | 21°38 | 23°29 | 6° 5 | 24°56 | 12°51 | 17°38 | 8°37 | 6°17 | 11° 6 | 7°18 | 6° 3 | 8° 4 | 25°35 | |
| S 29 | 19 1 6 | 14°53'34 | 6♂40 | 24°24 | 7°18 | 25°33 | 13° 3 | 17°37 | 8°41 | 6°17 | 11° 8 | 7°10 | 6° 0 | 8°11 | 25°42 | |
| M30 | 19 5 3 | 15♂50'46 | 21♂37 | 25°II23 | 8♂31 | 26♂10 | 13°II16 | 17♂35 | 8♂44 | 6♂18 | 11♂ 9 | 7♂ 1 | 5♂57 | 8♂18 | 25♂49 | |

Delta T = 218.59 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1455

JULY 1455 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|--------|--------|--------|--------|-------|------|-------|-------|-------|--------|-------|---|
| T 1 | 19 8 59 | 16☾47'58 | 6♁19 | 26II27 | 9♁44 | 26♁47 | 13II29 | 17°R34 | 8♁48 | 6♁19 | 11♁11 | 6°R51 | 5♁54 | 8II24 | 25☾57 | |
| W 2 | 19 12 56 | 17°45'11 | 20°40 | 27°36 | 10°57 | 27°23 | 13°41 | 17II33 | 8°51 | 6°19 | 11°13 | 6II41 | 5°50 | 8°31 | 26° 4 | |
| T 3 | 19 16 52 | 18°42'24 | 4X34 | 28°50 | 12°10 | 28° 0 | 13°54 | 17°32 | 8°55 | 6°20 | 11°14 | 6°33 | 5°47 | 8°38 | 26°11 | |
| F 4 | 19 20 49 | 19°39'38 | 18° 0 | 0☾ 8 | 13°23 | 28°37 | 14° 7 | 17°31 | 8°59 | 6°21 | 11°16 | 6°27 | 5°44 | 8°44 | 26°18 | |
| S 5 | 19 24 46 | 20°36'53 | 0Y59 | 1°31 | 14°36 | 29°14 | 14°19 | 17°30 | 9° 2 | 6°22 | 11°18 | 6°24 | 5°41 | 8°51 | 26°26 | |
| S 6 | 19 28 42 | 21°34'09 | 13°33 | 2°58 | 15°49 | 29°51 | 14°32 | 17°29 | 9° 6 | 6°23 | 11°20 | 6°22 | 5°38 | 8°58 | 26°33 | |
| M 7 | 19 32 39 | 22°31'26 | 25°48 | 4°30 | 17° 2 | 0II28 | 14°44 | 17°29 | 9° 9 | 6°23 | 11°21 | 6°D22 | 5°34 | 9° 5 | 26°40 | |
| T 8 | 19 36 35 | 23°28'43 | 7B48 | 6° 5 | 18°15 | 1° 5 | 14°56 | 17°28 | 9°13 | 6°24 | 11°23 | 6°R22 | 5°31 | 9°11 | 26°48 | |
| W 9 | 19 40 32 | 24°26'02 | 19°40 | 7°45 | 19°28 | 1°42 | 15° 8 | 17°28 | 9°16 | 6°25 | 11°25 | 6°21 | 5°28 | 9°18 | 26°55 | |
| T 10 | 19 44 28 | 25°23'21 | 1II28 | 9°28 | 20°40 | 2°20 | 15°21 | 17°27 | 9°20 | 6°26 | 11°27 | 6°19 | 5°25 | 9°25 | 27° 2 | |
| F 11 | 19 48 25 | 26°20'42 | 13°16 | 11°15 | 21°53 | 2°57 | 15°33 | 17°27 | 9°24 | 6°27 | 11°29 | 6°14 | 5°22 | 9°31 | 27°10 | |
| S 12 | 19 52 21 | 27°18'03 | 25° 9 | 13° 5 | 23° 6 | 3°34 | 15°45 | 17°27 | 9°27 | 6°28 | 11°30 | 6° 7 | 5°19 | 9°38 | 27°17 | |
| S 13 | 19 56 18 | 28°15'25 | 7☾10 | 14°58 | 24°19 | 4°11 | 15°57 | 17°26 | 9°31 | 6°29 | 11°32 | 5°57 | 5°15 | 9°45 | 27°24 | |
| M14 | 20 0 15 | 29°12'49 | 19°21 | 16°54 | 25°32 | 4°49 | 16° 9 | 17°D26 | 9°35 | 6°30 | 11°34 | 5°44 | 5°12 | 9°51 | 27°32 | |
| T 15 | 20 4 11 | 0♁10'13 | 1♁43 | 18°51 | 26°45 | 5°26 | 16°20 | 17°27 | 9°38 | 6°31 | 11°36 | 5°31 | 5° 9 | 9°58 | 27°39 | |
| W16 | 20 8 8 | 1° 7'38 | 14°16 | 20°51 | 27°58 | 6° 3 | 16°32 | 17°27 | 9°42 | 6°33 | 11°38 | 5°18 | 5° 6 | 10° 5 | 27°46 | |
| T 17 | 20 12 4 | 2° 5'04 | 27° 1 | 22°53 | 29°10 | 6°41 | 16°44 | 17°27 | 9°46 | 6°34 | 11°40 | 5° 6 | 5° 3 | 10°11 | 27°54 | |
| F 18 | 20 16 1 | 3° 2'30 | 9II58 | 24°55 | 0II23 | 7°18 | 16°55 | 17°27 | 9°50 | 6°35 | 11°41 | 4°56 | 4°59 | 10°18 | 28° 1 | |
| S 19 | 20 19 57 | 3°59'57 | 23° 5 | 26°59 | 1°36 | 7°56 | 17° 7 | 17°28 | 9°53 | 6°36 | 11°43 | 4°49 | 4°56 | 10°25 | 28° 8 | |
| S 20 | 20 23 54 | 4°57'26 | 6♁25 | 29° 3 | 2°49 | 8°34 | 17°18 | 17°28 | 9°57 | 6°37 | 11°45 | 4°45 | 4°53 | 10°31 | 28°16 | |
| M21 | 20 27 50 | 5°54'55 | 19°57 | 1♁ 8 | 4° 1 | 9°11 | 17°30 | 17°29 | 10° 1 | 6°39 | 11°47 | 4°43 | 4°50 | 10°38 | 28°23 | |
| T 22 | 20 31 47 | 6°52'24 | 3II43 | 3°12 | 5°14 | 9°49 | 17°41 | 17°30 | 10° 4 | 6°40 | 11°49 | 4°43 | 4°47 | 10°45 | 28°30 | |
| W23 | 20 35 44 | 7°49'55 | 17°43 | 5°17 | 6°27 | 10°27 | 17°52 | 17°31 | 10° 8 | 6°41 | 11°51 | 4°43 | 4°44 | 10°51 | 28°38 | |
| T 24 | 20 39 40 | 8°47'26 | 1♁57 | 7°20 | 7°39 | 11° 4 | 18° 3 | 17°32 | 10°12 | 6°43 | 11°52 | 4°42 | 4°40 | 10°58 | 28°45 | |
| F 25 | 20 43 37 | 9°44'58 | 16°24 | 9°24 | 8°52 | 11°42 | 18°14 | 17°33 | 10°16 | 6°44 | 11°54 | 4°39 | 4°37 | 11° 5 | 28°52 | |
| S 26 | 20 47 33 | 10°42'32 | 1☾ 0 | 11°26 | 10° 4 | 12°20 | 18°25 | 17°34 | 10°19 | 6°45 | 11°56 | 4°33 | 4°34 | 11°11 | 28°59 | |
| S 27 | 20 51 30 | 11°40'06 | 15°40 | 13°27 | 11°17 | 12°58 | 18°36 | 17°35 | 10°23 | 6°47 | 11°58 | 4°24 | 4°31 | 11°18 | 29° 7 | |
| M28 | 20 55 26 | 12°37'41 | 0♁17 | 15°27 | 12°29 | 13°36 | 18°47 | 17°36 | 10°27 | 6°48 | 12° 0 | 4°14 | 4°28 | 11°25 | 29°14 | |
| T 29 | 20 59 23 | 13°35'17 | 14°44 | 17°27 | 13°42 | 14°14 | 18°57 | 17°38 | 10°30 | 6°50 | 12° 2 | 4° 2 | 4°25 | 11°31 | 29°21 | |
| W30 | 21 3 19 | 14°32'55 | 28°53 | 19°24 | 14°54 | 14°52 | 19° 8 | 17°39 | 10°34 | 6°51 | 12° 4 | 3°51 | 4°21 | 11°38 | 29°28 | |
| T 31 | 21 7 16 | 15♁30'34 | 12X41 | 21♁21 | 16II 7 | 15II30 | 19II18 | 17II41 | 10♁38 | 6♁53 | 12♁ 5 | 3II42 | 4II18 | 11II45 | 29☾36 | |

Delta T = 218.51 sec. Julian Calendar 1 July 1455 == Greg. Calendar 10 July 1455

AUGUST 1455 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------|-------|-------|--------|--------|--------|--------|-------|------|-------|-------|-------|--------|-------|---|
| F 1 | 21 11 13 | 16♁28'14 | 26X 4 | 23♁16 | 17II19 | 16II 8 | 19II29 | 17II43 | 10♁42 | 6♁54 | 12♁ 7 | 3°R35 | 4II15 | 11II51 | 29☾43 | |
| S 2 | 21 15 9 | 17°25'56 | 9Y 2 | 25°10 | 18°31 | 16°46 | 19°39 | 17°45 | 10°45 | 6°56 | 12° 9 | 3II30 | 4°12 | 11°58 | 29°50 | |
| S 3 | 21 19 6 | 18°23'40 | 21°37 | 27° 2 | 19°43 | 17°24 | 19°49 | 17°46 | 10°49 | 6°58 | 12°11 | 3°28 | 4° 9 | 12° 5 | 29°57 | |
| M 4 | 21 23 2 | 19°21'25 | 3B53 | 28°53 | 20°56 | 18° 3 | 19°59 | 17°48 | 10°53 | 6°59 | 12°13 | 3°D28 | 4° 5 | 12°11 | 0♁ 4 | |
| T 5 | 21 26 59 | 20°19'12 | 15°55 | 0II43 | 22° 8 | 18°41 | 20° 9 | 17°50 | 10°56 | 7° 1 | 12°15 | 3°R28 | 4° 2 | 12°18 | 0°11 | |
| W 6 | 21 30 55 | 21°17'01 | 27°48 | 2°31 | 23°20 | 19°19 | 20°19 | 17°53 | 11° 0 | 7° 3 | 12°17 | 3°28 | 3°59 | 12°25 | 0°18 | |
| T 7 | 21 34 52 | 22°14'51 | 9II37 | 4°18 | 24°32 | 19°58 | 20°28 | 17°55 | 11° 4 | 7° 4 | 12°18 | 3°26 | 3°56 | 12°31 | 0°26 | |
| F 8 | 21 38 48 | 23°12'43 | 21°28 | 6° 4 | 25°45 | 20°36 | 20°38 | 17°57 | 11° 7 | 7° 6 | 12°20 | 3°23 | 3°53 | 12°38 | 0°33 | |
| S 9 | 21 42 45 | 24°10'37 | 3☾25 | 7°48 | 26°57 | 21°15 | 20°47 | 18° 0 | 11°11 | 7° 8 | 12°22 | 3°17 | 3°50 | 12°45 | 0°40 | |
| S 10 | 21 46 42 | 25° 8'33 | 15°32 | 9°31 | 28° 9 | 21°53 | 20°57 | 18° 2 | 11°15 | 7° 9 | 12°24 | 3° 8 | 3°46 | 12°51 | 0°47 | |
| M11 | 21 50 38 | 26° 6'30 | 27°53 | 11°13 | 29°21 | 22°32 | 21° 6 | 18° 5 | 11°18 | 7°11 | 12°26 | 2°58 | 3°43 | 12°58 | 0°54 | |
| T 12 | 21 54 35 | 27° 4'30 | 10♁27 | 12°53 | 0♁33 | 23°10 | 21°15 | 18° 8 | 11°22 | 7°13 | 12°28 | 2°47 | 3°40 | 13° 5 | 1° 1 | |
| W13 | 21 58 31 | 28° 2'30 | 23°17 | 14°32 | 1°45 | 23°49 | 21°24 | 18°10 | 11°26 | 7°15 | 12°29 | 2°35 | 3°37 | 13°11 | 1° 7 | |
| T 14 | 22 2 28 | 29° 0'33 | 6II22 | 16°10 | 2°57 | 24°28 | 21°33 | 18°13 | 11°29 | 7°17 | 12°31 | 2°25 | 3°34 | 13°18 | 1°14 | |
| F 15 | 22 6 24 | 29°58'37 | 19°40 | 17°46 | 4° 9 | 25° 6 | 21°42 | 18°16 | 11°33 | 7°18 | 12°33 | 2°16 | 3°31 | 13°25 | 1°21 | |
| S 16 | 22 10 21 | 0II56'42 | 3♁10 | 19°21 | 5°21 | 25°45 | 21°51 | 18°19 | 11°36 | 7°20 | 12°35 | 2°11 | 3°27 | 13°31 | 1°28 | |
| S 17 | 22 14 17 | 1°54'49 | 16°49 | 20°55 | 6°33 | 26°24 | 21°59 | 18°23 | 11°40 | 7°22 | 12°37 | 2° 7 | 3°24 | 13°38 | 1°35 | |
| M18 | 22 18 14 | 2°52'58 | 0II37 | 22°28 | 7°44 | 27° 3 | 22° 7 | 18°26 | 11°43 | 7°24 | 12°38 | 2°D 6 | 3°21 | 13°45 | 1°41 | |
| T 19 | 22 22 11 | 3°51'08 | 14°33 | 23°59 | 8°56 | 27°42 | 22°16 | 18°29 | 11°47 | 7°26 | 12°40 | 2° 7 | 3°18 | 13°51 | 1°48 | |
| W20 | 22 26 7 | 4°49'20 | 28°35 | 25°29 | 10° 8 | 28°21 | 22°24 | 18°33 | 11°50 | 7°28 | 12°42 | 2°R 7 | 3°15 | 13°58 | 1°55 | |
| T 21 | 22 30 4 | 5°47'33 | 12X44 | 26°58 | 11°20 | 29° 0 | 22°32 | 18°36 | 11°54 | 7°30 | 12°44 | 2° 7 | 3°11 | 14° 5 | 2° 1 | |
| F 22 | 22 34 0 | 6°45'48 | 26°57 | 28°26 | 12°31 | 29°39 | 22°40 | 18°40 | 11°57 | 7°32 | 12°45 | 2° 6 | 3° 8 | 14°11 | 2° 8 | |
| S 23 | 22 37 57 | 7°44'04 | 11☾12 | 29°52 | 13°43 | 0♁18 | 22°47 | 18°43 | 12° 1 | 7°34 | 12°47 | 2° 2 | 3° 5 | 14°18 | 2°15 | |
| S 24 | 22 41 53 | 8°42'21 | 25°27 | 1♁17 | 14°54 | 0°57 | 22°55 | 18°47 | 12° 4 | 7°36 | 12°49 | 1°56 | 3° 2 | 14°25 | 2°21 | |
| M25 | 22 45 50 | 9°40'41 | 9♁38 | 2°41 | 16° 6 | 1°36 | 23° 2 | 18°51 | 12° 8 | 7°38 | 12°50 | 1°48 | 2°59 | 14°32 | 2°28 | |
| T 26 | 22 49 46 | 10°39'02 | 23°39 | 4° 3 | 17°17 | 2°16 | 23°10 | 18°55 | 12°11 | 7°40 | 12°52 | 1°40 | 2°56 | 14°38 | 2°34 | |
| W27 | 22 53 43 | 11°37'24 | 7X27 | 5°24 | 18°29 | 2°55 | 23°17 | 18°59 | 12°14 | 7°42 | 12°54 | 1°31 | 2°52 | 14°45 | 2°40 | |
| T 28 | 22 57 40 | 12°35'49 | 20°57 | 6°44 | 19°40 | 3°34 | 23°24 | 19° 3 | 12°18 | 7°44 | 12°55 | 1°24 | 2°49 | 14°52 | 2°47 | |
| F 29 | 23 1 36 | 13°34'15 | 4Y 8 | 8° 2 | 20°51 | 4°14 | 23°31 | 19° 7 | 12°21 | 7°46 | 12°57 | 1°19 | 2°46 | 14°58 | 2°53 | |
| S 30 | 23 5 33 | 14°32'43 | 16°58 | 9°19 | 22° 3 | 4°53 | 23°37 | 19°11 | 12°24 | 7°48 | 12°59 | 1°16 | 2°43 | 15° 5 | 2°59 | |
| S 31 | 23 9 29 | 15II31'14 | 29Y30 | 10♁34 | 23♁14 | 5♁33 | 23II44 | 19II15 | 12♁28 | 7♁50 | 13♁ 0 | 1°D15 | 2II40 | 15II12 | 3♁ 5 | |

Delta T = 218.43 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1455

SEPTEMBER 1455 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|---|---|
| M 1 | 23 13 26 | 16 ^h 29'47" | 11 ^h 04'45" | 11 ^h 04'47" | 24 ^h 02'25" | 6 ^h 05'12" | 23 ^h 11'50" | 19 ^h 02'20" | 12 ^h 02'31" | 7 ^h 05'52" | 13 ^h 02'02" | 1 ^h 01'16" | 2 ^h 03'36" | 15 ^h 11'18" | 3 ^h 02'12" | | |
| T 2 | 23 17 22 | 17 ^h 28'21" | 23 ^h 04'47" | 12 ^h 59'12" | 25 ^h 36'36" | 6 ^h 52'52" | 23 ^h 56'23" | 19 ^h 24'19" | 12 ^h 34'12" | 7 ^h 54'54" | 13 ^h 04'13" | 1 ^h 17'17" | 2 ^h 33'33" | 15 ^h 25'25" | 3 ^h 18'18" | | |
| W 3 | 23 21 19 | 18 ^h 26'59" | 5 ^h 11'40" | 14 ^h 09'14" | 26 ^h 47'26" | 7 ^h 31'07" | 24 ^h 02'24" | 19 ^h 29'19" | 12 ^h 37'12" | 7 ^h 57'57" | 13 ^h 05'13" | 1 ^h 18'18" | 2 ^h 30'30" | 15 ^h 32'32" | 3 ^h 24'24" | | |
| T 4 | 23 25 15 | 19 ^h 25'38" | 17 ^h 31'31" | 15 ^h 17'17" | 27 ^h 58'27" | 8 ^h 11'01" | 24 ^h 08'24" | 19 ^h 33'19" | 12 ^h 41'12" | 7 ^h 59'59" | 13 ^h 07'13" | 1 ^h 19'19" | 2 ^h 27'27" | 15 ^h 38'38" | 3 ^h 30'30" | | |
| F 5 | 23 29 12 | 20 ^h 24'20" | 29 ^h 23'29" | 16 ^h 23'23" | 29 ^h 09'29" | 8 ^h 51'51" | 24 ^h 14'24" | 19 ^h 38'19" | 12 ^h 44'12" | 8 ^h 01'01" | 13 ^h 08'13" | 1 ^h 19'19" | 2 ^h 24'24" | 15 ^h 45'45" | 3 ^h 36'36" | | |
| S 6 | 23 33 8 | 21 ^h 23'03" | 11 ^h 02'22" | 17 ^h 27'27" | 0 ^h 01'20" | 9 ^h 31'31" | 24 ^h 20'20" | 19 ^h 42'19" | 12 ^h 47'12" | 8 ^h 03'03" | 13 ^h 10'13" | 1 ^h 17'17" | 2 ^h 21'21" | 15 ^h 52'52" | 3 ^h 41'41" | | |
| S 7 | 23 37 5 | 22 ^h 21'49" | 23 ^h 32'23" | 18 ^h 28'28" | 1 ^h 31'01" | 10 ^h 10'10" | 24 ^h 25'24" | 19 ^h 47'19" | 12 ^h 50'12" | 8 ^h 05'05" | 13 ^h 11'13" | 1 ^h 13'13" | 2 ^h 17'17" | 15 ^h 58'58" | 3 ^h 47'47" | | |
| M 8 | 23 41 2 | 23 ^h 20'38" | 5 ^h 05'57" | 19 ^h 27'27" | 2 ^h 42'02" | 10 ^h 50'50" | 24 ^h 30'24" | 19 ^h 52'19" | 12 ^h 53'12" | 8 ^h 07'07" | 13 ^h 13'13" | 1 ^h 08'08" | 2 ^h 14'14" | 16 ^h 05'05" | 3 ^h 53'53" | | |
| T 9 | 23 44 58 | 24 ^h 19'28" | 18 ^h 40'40" | 20 ^h 23'23" | 3 ^h 53'53" | 11 ^h 30'30" | 24 ^h 35'24" | 19 ^h 57'19" | 12 ^h 56'12" | 8 ^h 10'10" | 13 ^h 14'13" | 1 ^h 02'02" | 2 ^h 11'11" | 16 ^h 12'12" | 3 ^h 59'59" | | |
| W10 | 23 48 55 | 25 ^h 18'21" | 1 ^h 04'21" | 21 ^h 17'17" | 5 ^h 03'03" | 12 ^h 10'10" | 24 ^h 40'24" | 20 ^h 02'20" | 12 ^h 59'12" | 8 ^h 12'12" | 13 ^h 16'13" | 0 ^h 55'55" | 2 ^h 08'08" | 16 ^h 18'18" | 4 ^h 04'04" | | |
| T11 | 23 52 51 | 26 ^h 17'16" | 15 ^h 04'15" | 22 ^h 07'07" | 6 ^h 14'14" | 12 ^h 50'50" | 24 ^h 45'24" | 20 ^h 07'20" | 13 ^h 02'13" | 8 ^h 14'14" | 13 ^h 17'13" | 0 ^h 50'50" | 2 ^h 05'05" | 16 ^h 25'25" | 4 ^h 10'10" | | |
| F 12 | 23 56 48 | 27 ^h 16'13" | 28 ^h 43'28" | 22 ^h 54'22" | 7 ^h 24'24" | 13 ^h 30'30" | 24 ^h 50'24" | 20 ^h 12'20" | 13 ^h 05'13" | 8 ^h 16'16" | 13 ^h 19'13" | 0 ^h 45'45" | 2 ^h 02'02" | 16 ^h 32'32" | 4 ^h 15'15" | | |
| S 13 | 0 0 44 | 28 ^h 15'11" | 12 ^h 03'38" | 23 ^h 37'23" | 8 ^h 35'35" | 14 ^h 10'10" | 24 ^h 54'24" | 20 ^h 17'20" | 13 ^h 08'13" | 8 ^h 18'18" | 13 ^h 20'13" | 0 ^h 42'42" | 1 ^h 58'58" | 16 ^h 38'38" | 4 ^h 21'21" | | |
| S 14 | 0 4 41 | 29 ^h 14'12" | 26 ^h 44'26" | 24 ^h 16'24" | 9 ^h 45'45" | 14 ^h 51'51" | 24 ^h 58'24" | 20 ^h 23'20" | 13 ^h 11'13" | 8 ^h 21'21" | 13 ^h 21'13" | 0 ^h D41 | 1 ^h 55'55" | 16 ^h 45'45" | 4 ^h 26'26" | | |
| M15 | 0 8 37 | 0 ^h 01'15" | 10 ^h 05'57" | 24 ^h 51'24" | 10 ^h 56'56" | 15 ^h 31'31" | 25 ^h 02'25" | 20 ^h 28'20" | 13 ^h 13'13" | 8 ^h 23'23" | 13 ^h 23'13" | 0 ^h 41'41" | 1 ^h 52'52" | 16 ^h 52'52" | 4 ^h 32'32" | | |
| T 16 | 0 12 34 | 1 ^h 12'20" | 25 ^h 14'25" | 25 ^h 21'25" | 12 ^h 06'12" | 16 ^h 11'11" | 25 ^h 06'25" | 20 ^h 33'20" | 13 ^h 16'13" | 8 ^h 25'25" | 13 ^h 24'13" | 0 ^h 43'43" | 1 ^h 49'49" | 16 ^h 59'59" | 4 ^h 37'37" | | |
| W17 | 0 16 31 | 2 ^h 11'27" | 9 ^h 07'31" | 25 ^h 46'25" | 13 ^h 16'13" | 16 ^h 51'51" | 25 ^h 10'25" | 20 ^h 39'20" | 13 ^h 19'13" | 8 ^h 27'27" | 13 ^h 26'13" | 0 ^h 44'44" | 1 ^h 46'46" | 17 ^h 05'05" | 4 ^h 42'42" | | |
| T 18 | 0 20 27 | 3 ^h 10'35" | 23 ^h 46'23" | 26 ^h 06'26" | 14 ^h 27'27" | 17 ^h 32'32" | 25 ^h 13'25" | 20 ^h 44'20" | 13 ^h 22'13" | 8 ^h 29'29" | 13 ^h 27'13" | 0 ^h 45'45" | 1 ^h 42'42" | 17 ^h 12'12" | 4 ^h 47'47" | | |
| F 19 | 0 24 24 | 4 ^h 09'45" | 7 ^h 05'56" | 26 ^h 19'26" | 15 ^h 37'37" | 18 ^h 12'12" | 25 ^h 17'25" | 20 ^h 50'20" | 13 ^h 24'13" | 8 ^h 32'32" | 13 ^h 28'13" | 0 ^h R46 | 1 ^h 39'39" | 17 ^h 19'19" | 4 ^h 52'52" | | |
| S 20 | 0 28 20 | 5 ^h 08'57" | 21 ^h 59'21" | 26 ^h R26 | 16 ^h 47'16" | 18 ^h 53'53" | 25 ^h 20'25" | 20 ^h 55'20" | 13 ^h 27'13" | 8 ^h 34'34" | 13 ^h 29'13" | 0 ^h 45'45" | 1 ^h 36'36" | 17 ^h 25'25" | 4 ^h 57'57" | | |
| S 21 | 0 32 17 | 6 ^h 08'11" | 5 ^h 05'54" | 26 ^h 26'26" | 17 ^h 57'57" | 19 ^h 33'33" | 25 ^h 23'25" | 21 ^h 01'21" | 13 ^h 30'30" | 8 ^h 36'36" | 13 ^h 31'30" | 0 ^h 43'43" | 1 ^h 33'33" | 17 ^h 32'32" | 5 ^h 02'02" | | |
| M22 | 0 36 13 | 7 ^h 07'26" | 19 ^h 54'19" | 26 ^h 18'26" | 19 ^h 07'19" | 20 ^h 14'20" | 25 ^h 25'25" | 21 ^h 07'21" | 13 ^h 32'30" | 8 ^h 38'38" | 13 ^h 32'30" | 0 ^h 40'40" | 1 ^h 30'30" | 17 ^h 39'39" | 5 ^h 07'07" | | |
| T 23 | 0 40 10 | 8 ^h 06'43" | 3 ^h 01'13" | 26 ^h 03'26" | 20 ^h 16'20" | 20 ^h 54'54" | 25 ^h 28'25" | 21 ^h 12'21" | 13 ^h 35'30" | 8 ^h 41'41" | 13 ^h 33'30" | 0 ^h 36'36" | 1 ^h 27'27" | 17 ^h 45'45" | 5 ^h 12'12" | | |
| W24 | 0 44 6 | 9 ^h 06'02" | 16 ^h 34'16" | 25 ^h 40'25" | 21 ^h 26'21" | 21 ^h 35'21" | 25 ^h 30'25" | 21 ^h 18'21" | 13 ^h 37'30" | 8 ^h 43'43" | 13 ^h 34'30" | 0 ^h 33'33" | 1 ^h 23'23" | 17 ^h 52'52" | 5 ^h 16'16" | | |
| T 25 | 0 48 3 | 10 ^h 05'23" | 29 ^h 41'29" | 25 ^h 08'25" | 22 ^h 36'22" | 22 ^h 16'22" | 25 ^h 33'25" | 21 ^h 24'21" | 13 ^h 40'30" | 8 ^h 45'45" | 13 ^h 36'30" | 0 ^h 30'30" | 1 ^h 20'20" | 17 ^h 59'59" | 5 ^h 21'21" | | |
| F 26 | 0 52 0 | 11 ^h 04'46" | 12 ^h 07'33" | 24 ^h 28'24" | 23 ^h 45'23" | 22 ^h 56'22" | 25 ^h 35'25" | 21 ^h 30'21" | 13 ^h 42'30" | 8 ^h 47'47" | 13 ^h 37'30" | 0 ^h 28'28" | 1 ^h 17'17" | 18 ^h 05'05" | 5 ^h 25'25" | | |
| S 27 | 0 55 56 | 12 ^h 04'11" | 25 ^h 10'25" | 23 ^h 41'23" | 24 ^h 55'24" | 23 ^h 37'23" | 25 ^h 36'25" | 21 ^h 36'21" | 13 ^h 45'30" | 8 ^h 50'50" | 13 ^h 38'30" | 0 ^h D27 | 1 ^h 14'14" | 18 ^h 12'12" | 5 ^h 30'30" | | |
| S 28 | 0 59 53 | 13 ^h 03'39" | 7 ^h 03'32" | 22 ^h 45'22" | 26 ^h 04'26" | 24 ^h 18'24" | 25 ^h 38'25" | 21 ^h 42'21" | 13 ^h 47'30" | 8 ^h 52'52" | 13 ^h 39'30" | 0 ^h 27'27" | 1 ^h 11'11" | 18 ^h 19'19" | 5 ^h 34'34" | | |
| M29 | 1 3 49 | 14 ^h 03'08" | 19 ^h 42'19" | 21 ^h 43'21" | 27 ^h 13'27" | 24 ^h 59'24" | 25 ^h 39'25" | 21 ^h 48'21" | 13 ^h 49'30" | 8 ^h 54'54" | 13 ^h 40'30" | 0 ^h 28'28" | 1 ^h 07'07" | 18 ^h 25'25" | 5 ^h 39'39" | | |
| T 30 | 1 7 46 | 15 ^h 02'40" | 1 ^h 11'42" | 20 ^h 03'20" | 28 ^h M23 | 25 ^h 04'25" | 25 ^h 40'25" | 21 ^h M54 | 13 ^h 05'13" | 8 ^h 05'56" | 13 ^h 04'13" | 0 ^h M29 | 1 ^h M04 | 18 ^h 32'18" | 5 ^h 04'32" | | |

Delta T = 218.35 sec. Julian Calendar 1 Sept. 1455 == Greg. Calendar 10 Sept. 1455

OCTOBER 1455 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|---------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|---|---|
| W 1 | 1 11 42 | 16 ^h 02'14" | 13 ^h 11'35" | 19 ^h R24 | 29 ^h M32 | 26 ^h 02'21" | 25 ^h 11'41" | 22 ^h M00 | 13 ^h 05'54" | 8 ^h 05'59" | 13 ^h 02'42" | 0 ^h M31 | 1 ^h M01 | 18 ^h 11'39" | 5 ^h 04'47" | | |
| T 2 | 1 15 39 | 17 ^h 01'50" | 25 ^h 25'25" | 18 ^h 01'10" | 0 ^h 07'41" | 27 ^h 02'27" | 25 ^h 42'25" | 22 ^h 06'22" | 13 ^h 56'13" | 9 ^h 01'01" | 13 ^h 43'43" | 0 ^h 32'32" | 0 ^h 58'58" | 18 ^h 45'45" | 5 ^h 51'51" | | |
| F 3 | 1 19 35 | 18 ^h 01'29" | 7 ^h 09'17" | 16 ^h 56'16" | 1 ^h 49'01" | 27 ^h 43'27" | 25 ^h 43'25" | 22 ^h 13'22" | 13 ^h 58'13" | 9 ^h 03'03" | 13 ^h 44'43" | 0 ^h 33'33" | 0 ^h 55'55" | 18 ^h 52'52" | 5 ^h 55'55" | | |
| S 4 | 1 23 32 | 19 ^h 01'09" | 19 ^h 15'19" | 15 ^h 44'15" | 2 ^h 58'02" | 28 ^h 24'28" | 25 ^h 43'25" | 22 ^h 19'22" | 14 ^h 00'14" | 9 ^h 05'05" | 13 ^h 45'43" | 0 ^h R33 | 0 ^h 52'52" | 18 ^h 59'59" | 5 ^h 59'59" | | |
| S 5 | 1 27 28 | 20 ^h 00'53" | 1 ^h 02'23" | 14 ^h 36'14" | 4 ^h 07'04" | 29 ^h 06'29" | 25 ^h 44'25" | 22 ^h 25'22" | 14 ^h 02'14" | 9 ^h 07'07" | 13 ^h 46'43" | 0 ^h 33'33" | 0 ^h 48'48" | 19 ^h 06'19" | 6 ^h 03'03" | | |
| M 6 | 1 31 25 | 21 ^h 00'38" | 13 ^h 47'13" | 13 ^h 35'13" | 5 ^h 15'05" | 29 ^h 47'29" | 25 ^h R44 | 22 ^h 32'22" | 14 ^h 04'14" | 9 ^h 10'10" | 13 ^h 47'43" | 0 ^h 32'32" | 0 ^h 45'45" | 19 ^h 12'19" | 6 ^h 06'06" | | |
| T 7 | 1 35 22 | 22 ^h 00'25" | 26 ^h 31'26" | 12 ^h 41'12" | 6 ^h 24'06" | 0 ^h M28 | 25 ^h 43'25" | 22 ^h 38'22" | 14 ^h 06'14" | 9 ^h 12'12" | 13 ^h 48'43" | 0 ^h 31'31" | 0 ^h 42'42" | 19 ^h 19'19" | 6 ^h 10'10" | | |
| W 8 | 1 39 18 | 23 ^h 00'15" | 9 ^h 07'37" | 11 ^h 57'11" | 7 ^h 32'07" | 1 ^h 10'01" | 25 ^h 43'25" | 22 ^h 44'22" | 14 ^h 08'14" | 9 ^h 14'14" | 13 ^h 49'43" | 0 ^h 30'30" | 0 ^h 39'39" | 19 ^h 26'19" | 6 ^h 13'13" | | |
| T 9 | 1 43 15 | 24 ^h 00'07" | 23 ^h 06'23" | 11 ^h 23'11" | 8 ^h 40'08" | 1 ^h 51'01" | 25 ^h 42'25" | 22 ^h 51'22" | 14 ^h 10'14" | 9 ^h 16'16" | 13 ^h 49'43" | 0 ^h 29'29" | 0 ^h 36'36" | 19 ^h 32'19" | 6 ^h 17'17" | | |
| F 10 | 1 47 11 | 25 ^h 00'01" | 6 ^h 05'59" | 11 ^h 01'11" | 9 ^h 48'09" | 2 ^h 32'02" | 25 ^h 42'25" | 22 ^h 57'22" | 14 ^h 11'14" | 9 ^h 18'18" | 13 ^h 50'43" | 0 ^h 29'29" | 0 ^h 33'33" | 19 ^h 39'19" | 6 ^h 20'20" | | |
| S 11 | 1 51 8 | 25 ^h 59'57" | 21 ^h 13'21" | 10 ^h D50 | 10 ^h 56'10" | 3 ^h 14'03" | 25 ^h 41'25" | 23 ^h 04'23" | 14 ^h 13'14" | 9 ^h 20'20" | 13 ^h 51'43" | 0 ^h 28'28" | 0 ^h 29'29" | 19 ^h 46'19" | 6 ^h 23'23" | | |
| S 12 | 1 55 4 | 26 ^h 59'56" | 5 | | | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1455

NOVEMBER 1455 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|---------|----------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|-------|-------|-------|---|---|
| S 1 | 3 13 55 | 17♌ 5'10 | 27☾27 | 3♍40 | 4♁ 4 | 17♌58 | 24°R34 | 25♍27 | 14♄37 | 10♃ 3 | 14♌ 1 | 0°R20 | 29♌23 | 22♐ 6 | 7♑ 9 | | |
| S 2 | 3 17 52 | 18° 5'44 | 9♌32 | 5°14 | 5° 7 | 18°41 | 24♐29 | 25°35 | 14°38 | 10° 5 | 14° 1 | 0♍19 | 29°19 | 22°13 | 7°10 | | |
| M 3 | 3 21 49 | 19° 6'19 | 21°52 | 6°48 | 6°11 | 19°23 | 24°24 | 25°42 | 14°38 | 10° 7 | 14° 1 | 0°D19 | 29°16 | 22°20 | 7°11 | | |
| T 4 | 3 25 45 | 20° 6'56 | 4♍30 | 8°23 | 7°14 | 20° 6 | 24°18 | 25°49 | 14°39 | 10° 9 | 14° 1 | 0°19 | 29°13 | 22°26 | 7°12 | | |
| W 5 | 3 29 42 | 21° 7'35 | 17°30 | 9°57 | 8°16 | 20°49 | 24°13 | 25°56 | 14°39 | 10°11 | 14° 1 | 0°21 | 29°10 | 22°33 | 7°13 | | |
| T 6 | 3 33 38 | 22° 8'15 | 0♌55 | 11°32 | 9°19 | 21°32 | 24° 7 | 26° 3 | 14°40 | 10°12 | 14° 1 | 0°22 | 29° 7 | 22°40 | 7°14 | | |
| F 7 | 3 37 35 | 23° 8'58 | 14°48 | 13° 7 | 10°21 | 22°15 | 24° 1 | 26°10 | 14°40 | 10°14 | 14°R 1 | 0°24 | 29° 4 | 22°46 | 7°14 | | |
| S 8 | 3 41 31 | 24° 9'42 | 29° 7 | 14°42 | 11°23 | 22°58 | 23°55 | 26°17 | 14°40 | 10°16 | 14° 1 | 0°R24 | 29° 0 | 22°53 | 7°15 | | |
| S 9 | 3 45 28 | 25°10'27 | 13♌50 | 16°17 | 12°24 | 23°41 | 23°48 | 26°24 | 14°40 | 10°18 | 14° 1 | 0°24 | 28°57 | 23° 0 | 7°15 | | |
| M10 | 3 49 24 | 26°11'14 | 28°50 | 17°51 | 13°25 | 24°24 | 23°42 | 26°31 | 14°40 | 10°19 | 14° 1 | 0°22 | 28°54 | 23° 6 | 7°15 | | |
| T 11 | 3 53 21 | 27°12'02 | 13♌58 | 19°26 | 14°26 | 25° 7 | 23°35 | 26°38 | 14°41 | 10°21 | 14° 1 | 0°19 | 28°51 | 23°13 | 7°R15 | | |
| W12 | 3 57 18 | 28°12'52 | 29° 6 | 21° 1 | 15°26 | 25°50 | 23°29 | 26°45 | 14°R41 | 10°23 | 14° 1 | 0°15 | 28°48 | 23°20 | 7°15 | | |
| T 13 | 4 1 14 | 29°13'42 | 14♁ 2 | 22°35 | 16°26 | 26°33 | 23°22 | 26°52 | 14°40 | 10°24 | 14° 1 | 0°11 | 28°45 | 23°27 | 7°15 | | |
| F 14 | 4 5 11 | 0♌14'34 | 28°41 | 24°10 | 17°26 | 27°17 | 23°15 | 26°59 | 14°40 | 10°26 | 14° 1 | 0° 7 | 28°41 | 23°33 | 7°15 | | |
| S 15 | 4 9 7 | 1°15'26 | 12♌56 | 25°44 | 18°25 | 28° 0 | 23° 8 | 27° 7 | 14°40 | 10°27 | 14° 1 | 0° 4 | 28°38 | 23°40 | 7°14 | | |
| S 16 | 4 13 4 | 2°16'19 | 26°46 | 27°19 | 19°23 | 28°43 | 23° 1 | 27°14 | 14°40 | 10°29 | 14° 0 | 0°D 3 | 28°35 | 23°47 | 7°14 | | |
| M17 | 4 17 0 | 3°17'13 | 10♌12 | 28°53 | 20°21 | 29°27 | 22°54 | 27°21 | 14°40 | 10°31 | 14° 0 | 0° 3 | 28°32 | 23°53 | 7°13 | | |
| T 18 | 4 20 57 | 4°18'08 | 23°15 | 0♌27 | 21°19 | 0♌10 | 22°46 | 27°28 | 14°39 | 10°32 | 14° 0 | 0° 4 | 28°29 | 24° 0 | 7°13 | | |
| W19 | 4 24 53 | 5°19'03 | 5♍58 | 2° 1 | 22°16 | 0°54 | 22°39 | 27°35 | 14°39 | 10°34 | 13°59 | 0° 6 | 28°25 | 24° 7 | 7°12 | | |
| T 20 | 4 28 50 | 6°19'59 | 18°26 | 3°36 | 23°13 | 1°37 | 22°31 | 27°42 | 14°39 | 10°35 | 13°59 | 0° 7 | 28°22 | 24°13 | 7°11 | | |
| F 21 | 4 32 47 | 7°20'56 | 0♌42 | 5°10 | 24° 9 | 2°21 | 22°24 | 27°49 | 14°38 | 10°36 | 13°59 | 0°R 8 | 28°19 | 24°20 | 7°10 | | |
| S 22 | 4 36 43 | 8°21'54 | 12°48 | 6°44 | 25° 4 | 3° 5 | 22°16 | 27°56 | 14°38 | 10°38 | 13°58 | 0° 7 | 28°16 | 24°27 | 7° 9 | | |
| S 23 | 4 40 40 | 9°22'53 | 24°47 | 8°18 | 25°59 | 3°48 | 22° 8 | 28° 3 | 14°37 | 10°39 | 13°58 | 0° 4 | 28°13 | 24°34 | 7° 8 | | |
| M24 | 4 44 36 | 10°23'53 | 6♐42 | 9°53 | 26°53 | 4°32 | 22° 0 | 28°10 | 14°36 | 10°41 | 13°57 | 29♌59 | 28°10 | 24°40 | 7° 7 | | |
| T 25 | 4 48 33 | 11°24'53 | 18°35 | 11°27 | 27°47 | 5°16 | 21°53 | 28°17 | 14°36 | 10°42 | 13°57 | 29°52 | 28° 6 | 24°47 | 7° 5 | | |
| W26 | 4 52 29 | 12°25'54 | 0♌26 | 13° 1 | 28°39 | 6° 0 | 21°45 | 28°24 | 14°35 | 10°43 | 13°56 | 29°44 | 28° 3 | 24°54 | 7° 4 | | |
| T 27 | 4 56 26 | 13°26'56 | 12°17 | 14°36 | 29°32 | 6°44 | 21°37 | 28°31 | 14°34 | 10°44 | 13°56 | 29°35 | 28° 0 | 25° 0 | 7° 2 | | |
| F 28 | 5 0 22 | 14°27'59 | 24°11 | 16°10 | 0♌23 | 7°28 | 21°29 | 28°38 | 14°33 | 10°46 | 13°55 | 29°27 | 27°57 | 25° 7 | 7° 1 | | |
| S 29 | 5 4 19 | 15°29'03 | 6♑10 | 17°45 | 1°14 | 8°12 | 21°21 | 28°45 | 14°32 | 10°47 | 13°54 | 29°19 | 27°54 | 25°14 | 6°59 | | |
| S 30 | 5 8 16 | 16♌30'08 | 18♑17 | 19♌20 | 2♌ 3 | 8♌56 | 21♐12 | 28♌51 | 14♄31 | 10♃48 | 13♌54 | 29♌13 | 27♌51 | 25♐20 | 6♑57 | | |

Delta T = 218.18 sec. Julian Calendar 1 Nov. 1455 == Greg. Calendar 10 Nov. 1455

DECEMBER 1455 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|---------|----------|-------|-------|--------|-------|--------|-------|--------|-------|--------|--------|-------|-------|-------|---|---|
| M 1 | 5 12 12 | 17♌31'13 | 0♍34 | 20♌55 | 2♌52 | 9♌40 | 21°R 4 | 28♌58 | 14°R30 | 10♃49 | 13°R53 | 29°R 9 | 27♌47 | 25♐27 | 6°R55 | | |
| T 2 | 5 16 9 | 18°32'20 | 13° 7 | 22°30 | 3°41 | 10°24 | 20♐56 | 29° 5 | 14♄29 | 10°50 | 13♌53 | 29°D 7 | 27°44 | 25°34 | 6♑53 | | |
| W 3 | 5 20 5 | 19°33'27 | 25°59 | 24° 5 | 4°28 | 11° 8 | 20°48 | 29°12 | 14°28 | 10°51 | 13°52 | 29♌ 7 | 27°41 | 25°41 | 6°51 | | |
| T 4 | 5 24 2 | 20°34'35 | 9♌14 | 25°41 | 5°14 | 11°52 | 20°40 | 29°19 | 14°27 | 10°52 | 13°51 | 29° 8 | 27°38 | 25°47 | 6°48 | | |
| F 5 | 5 27 58 | 21°35'44 | 22°56 | 27°16 | 6° 0 | 12°37 | 20°32 | 29°25 | 14°26 | 10°53 | 13°50 | 29°R 9 | 27°35 | 25°54 | 6°46 | | |
| S 6 | 5 31 55 | 22°36'54 | 7♌ 6 | 28°52 | 6°44 | 13°21 | 20°23 | 29°32 | 14°24 | 10°54 | 13°50 | 29° 9 | 27°31 | 26° 1 | 6°44 | | |
| S 7 | 5 35 51 | 23°38'04 | 21°43 | 0♌28 | 7°27 | 14° 5 | 20°15 | 29°39 | 14°23 | 10°55 | 13°49 | 29° 7 | 27°28 | 26° 7 | 6°41 | | |
| M 8 | 5 39 48 | 24°39'15 | 6♌44 | 2° 4 | 8° 9 | 14°50 | 20° 7 | 29°45 | 14°22 | 10°56 | 13°48 | 29° 3 | 27°25 | 26°14 | 6°38 | | |
| T 9 | 5 43 45 | 25°40'26 | 21°59 | 3°40 | 8°51 | 15°34 | 19°59 | 29°52 | 14°20 | 10°57 | 13°47 | 28°56 | 27°22 | 26°21 | 6°36 | | |
| W10 | 5 47 41 | 26°41'38 | 7♌20 | 5°17 | 9°30 | 16°19 | 19°51 | 29°59 | 14°19 | 10°58 | 13°46 | 28°47 | 27°19 | 26°28 | 6°33 | | |
| T 11 | 5 51 38 | 27°42'50 | 22°34 | 6°54 | 10° 9 | 17° 3 | 19°43 | 0♌ 5 | 14°17 | 10°59 | 13°45 | 28°37 | 27°16 | 26°34 | 6°30 | | |
| F 12 | 5 55 34 | 28°44'02 | 7♌30 | 8°30 | 10°47 | 17°48 | 19°35 | 0°12 | 14°16 | 11° 0 | 13°44 | 28°28 | 27°12 | 26°41 | 6°27 | | |
| S 13 | 5 59 31 | 29°45'13 | 22° 2 | 10° 7 | 11°23 | 18°33 | 19°27 | 0°18 | 14°14 | 11° 0 | 13°43 | 28°21 | 27° 9 | 26°48 | 6°24 | | |
| S 14 | 6 3 27 | 0♌46'25 | 6♌ 4 | 11°44 | 11°57 | 19°17 | 19°19 | 0°25 | 14°12 | 11° 1 | 13°42 | 28°16 | 27° 6 | 26°54 | 6°21 | | |
| M15 | 6 7 24 | 1°47'37 | 19°36 | 13°21 | 12°30 | 20° 2 | 19°11 | 0°31 | 14°11 | 11° 2 | 13°41 | 28°13 | 27° 3 | 27° 1 | 6°18 | | |
| T 16 | 6 11 20 | 2°48'48 | 2♍41 | 14°57 | 13° 2 | 20°47 | 19° 4 | 0°38 | 14° 9 | 11° 2 | 13°40 | 28°D12 | 27° 0 | 27° 8 | 6°14 | | |
| W17 | 6 15 17 | 3°49'59 | 15°22 | 16°34 | 13°32 | 21°32 | 18°56 | 0°44 | 14° 7 | 11° 3 | 13°39 | 28°13 | 26°56 | 27°14 | 6°11 | | |
| T 18 | 6 19 14 | 4°51'09 | 27°44 | 18°10 | 14° 1 | 22°16 | 18°48 | 0°50 | 14° 5 | 11° 4 | 13°38 | 28°R13 | 26°53 | 27°21 | 6° 8 | | |
| F 19 | 6 23 10 | 5°52'20 | 9♌51 | 19°46 | 14°27 | 23° 1 | 18°41 | 0°56 | 14° 4 | 11° 4 | 13°37 | 28°12 | 26°50 | 27°28 | 6° 4 | | |
| S 20 | 6 27 7 | 6°53'30 | 21°49 | 21°21 | 14°52 | 23°46 | 18°34 | 1° 3 | 14° 2 | 11° 5 | 13°36 | 28°10 | 26°47 | 27°35 | 6° 0 | | |
| S 21 | 6 31 3 | 7°54'40 | 3♐42 | 22°55 | 15°15 | 24°31 | 18°26 | 1° 9 | 14° 0 | 11° 5 | 13°35 | 28° 4 | 26°44 | 27°41 | 5°57 | | |
| M22 | 6 35 0 | 8°55'49 | 15°32 | 24°29 | 15°37 | 25°16 | 18°19 | 1°15 | 13°58 | 11° 6 | 13°34 | 27°56 | 26°41 | 27°48 | 5°53 | | |
| T 23 | 6 38 56 | 9°56'58 | 27°23 | 26° 1 | 15°56 | 26° 1 | 18°12 | 1°21 | 13°56 | 11° 6 | 13°33 | 27°44 | 26°37 | 27°55 | 5°49 | | |
| W24 | 6 42 53 | 10°58'07 | 9♌16 | 27°32 | 16°13 | 26°47 | 18° 5 | 1°27 | 13°54 | 11° 7 | 13°32 | 27°31 | 26°34 | 28° 1 | 5°45 | | |
| T 25 | 6 46 49 | 11°59'16 | 21°12 | 29° 1 | 16°28 | 27°32 | 17°58 | 1°33 | 13°52 | 11° 7 | 13°30 | 27°17 | 26°31 | 28° 8 | 5°42 | | |
| F 26 | 6 50 46 | 13° 0'24 | 3♑12 | 0♌28 | 16°41 | 28°17 | 17°51 | 1°39 | 13°50 | 11° 7 | 13°29 | 27° 3 | 26°28 | 28°15 | 5°38 | | |
| S 27 | 6 54 43 | 14° 1'32 | 15°19 | 1°53 | 16°52 | 29° 2 | 17°45 | 1°45 | 13°47 | 11° 7 | 13°28 | 26°50 | 26°25 | 28°22 | 5°34 | | |
| S 28 | 6 58 39 | 15° 2'40 | 27°33 | 3°14 | 17° 0 | 29°47 | 17°38 | 1°51 | 13°45 | 11° 8 | 13°27 | 26°39 | 26°22 | 28°28 | 5°29 | | |
| M29 | 7 2 36 | 16° 3'48 | 9♍56 | 4°31 | 17° 6 | 0♌33 | 17°32 | 1°56 | 13°43 | 11° 8 | 13°26 | 26°31 | 26°18 | 28°35 | 5°25 | | |
| T 30 | 7 6 32 | 17° 4'55 | 22°31 | 5°44 | 17°10 | 1°18 | 17°26 | 2° 2 | 13°41 | 11° 8 | 13°24 | 26°27 | 26°15 | 28°42 | 5°21 | | |
| W31 | 7 10 29 | 18♌ 6'02 | 5♌21 | 6♌52 | 17°R11 | 2♌ 3 | 17♐20 | 2♌ 8 | 13♌39 | 11♃ 8 | 13♌23 | 26♌25 | 26♌12 | 28♐48 | 5♌17 | | |

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