

SWISS EPHEMERIS for the year 1005

JANUARY 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|-----|---------|----------|-------|-------|-------|--------|-------|-------|--------|------|-------|--------|-------|--------|--------|
| M 1 | 7 3 36 | 16♁35'59 | 13♂37 | 25♁15 | 3♁15 | 22♁53 | 1°R39 | 2°R32 | 22♁24 | 6♁25 | 18♂27 | 18♁56 | 19♁12 | 7♁11 | 18°R41 |
| T 2 | 7 7 33 | 17°37'02 | 25°40 | 26°37 | 4°20 | 23°40 | 1♂35 | 2♂27 | 22°26 | 6°28 | 18°29 | 18°56 | 19° 9 | 7°18 | 18°B39 |
| W 3 | 7 11 29 | 18°38'04 | 7♂52 | 27°59 | 5°23 | 24°26 | 1°32 | 2°22 | 22°28 | 6°30 | 18°30 | 18°R56 | 19° 6 | 7°25 | 18°38 |
| T 4 | 7 15 26 | 19°39'06 | 20°17 | 29°23 | 6°27 | 25°13 | 1°29 | 2°18 | 22°30 | 6°32 | 18°32 | 18°56 | 19° 3 | 7°31 | 18°37 |
| F 5 | 7 19 22 | 20°40'07 | 2♁58 | 0♁47 | 7°30 | 26° 0 | 1°25 | 2°13 | 22°32 | 6°34 | 18°33 | 18°56 | 19° 0 | 7°38 | 18°36 |
| S 6 | 7 23 19 | 21°41'07 | 15°57 | 2°13 | 8°32 | 26°46 | 1°23 | 2° 8 | 22°34 | 6°37 | 18°34 | 18°D56 | 18°56 | 7°45 | 18°35 |
| S 7 | 7 27 16 | 22°42'07 | 29°18 | 3°39 | 9°35 | 27°33 | 1°20 | 2° 3 | 22°36 | 6°39 | 18°36 | 18°56 | 18°53 | 7°51 | 18°34 |
| M 8 | 7 31 12 | 23°43'06 | 13♂3 | 5° 6 | 10°37 | 28°19 | 1°17 | 1°59 | 22°38 | 6°41 | 18°37 | 18°56 | 18°50 | 7°58 | 18°33 |
| T 9 | 7 35 9 | 24°44'04 | 27°13 | 6°34 | 11°38 | 29° 6 | 1°15 | 1°54 | 22°40 | 6°43 | 18°38 | 18°57 | 18°47 | 8° 5 | 18°32 |
| W10 | 7 39 5 | 25°45'02 | 11♁45 | 8° 3 | 12°40 | 29°53 | 1°13 | 1°49 | 22°42 | 6°45 | 18°40 | 18°57 | 18°44 | 8°11 | 18°31 |
| T11 | 7 43 2 | 26°45'59 | 26°37 | 9°33 | 13°40 | 0♁39 | 1°11 | 1°44 | 22°45 | 6°48 | 18°41 | 18°58 | 18°41 | 8°18 | 18°31 |
| F12 | 7 46 58 | 27°46'55 | 11♁42 | 11° 3 | 14°41 | 1°26 | 1° 9 | 1°39 | 22°47 | 6°50 | 18°42 | 18°R58 | 18°37 | 8°24 | 18°30 |
| S13 | 7 50 55 | 28°47'49 | 26°51 | 12°34 | 15°41 | 2°12 | 1° 8 | 1°34 | 22°49 | 6°52 | 18°43 | 18°58 | 18°34 | 8°31 | 18°29 |
| S14 | 7 54 52 | 29°48'43 | 11♁56 | 14° 6 | 16°40 | 2°58 | 1° 6 | 1°29 | 22°52 | 6°54 | 18°44 | 18°58 | 18°31 | 8°38 | 18°29 |
| M15 | 7 58 48 | 0♁49'35 | 26°47 | 15°39 | 17°39 | 3°45 | 1° 5 | 1°24 | 22°54 | 6°56 | 18°45 | 18°57 | 18°28 | 8°44 | 18°29 |
| T16 | 8 2 45 | 1°50'26 | 11♁16 | 17°12 | 18°38 | 4°31 | 1° 4 | 1°20 | 22°56 | 6°58 | 18°46 | 18°55 | 18°25 | 8°51 | 18°28 |
| W17 | 8 6 41 | 2°51'15 | 25°20 | 18°46 | 19°36 | 5°18 | 1° 4 | 1°15 | 22°59 | 7° 0 | 18°47 | 18°53 | 18°22 | 8°58 | 18°28 |
| T18 | 8 10 38 | 3°52'03 | 8♁56 | 20°21 | 20°33 | 6° 4 | 1° 3 | 1°10 | 23° 1 | 7° 3 | 18°48 | 18°52 | 18°18 | 9° 4 | 18°28 |
| F19 | 8 14 34 | 4°52'49 | 22° 5 | 21°57 | 21°30 | 6°50 | 1° 3 | 1° 5 | 23° 4 | 7° 5 | 18°49 | 18°50 | 18°15 | 9°11 | 18°28 |
| S20 | 8 18 31 | 5°53'33 | 4♁49 | 23°33 | 22°26 | 7°36 | 1°D 3 | 1° 0 | 23° 6 | 7° 7 | 18°50 | 18°D50 | 18°12 | 9°18 | 18°27 |
| S21 | 8 22 27 | 6°54'16 | 17°13 | 25°11 | 23°22 | 8°23 | 1° 3 | 0°55 | 23° 9 | 7° 9 | 18°51 | 18°50 | 18° 9 | 9°24 | 18°D27 |
| M22 | 8 26 24 | 7°54'57 | 29°21 | 26°49 | 24°17 | 9° 9 | 1° 3 | 0°50 | 23°12 | 7°11 | 18°52 | 18°51 | 18° 6 | 9°31 | 18°28 |
| T23 | 8 30 21 | 8°55'36 | 11♂17 | 28°28 | 25°12 | 9°55 | 1° 4 | 0°45 | 23°14 | 7°13 | 18°53 | 18°53 | 18° 2 | 9°38 | 18°28 |
| W24 | 8 34 17 | 9°56'14 | 23° 7 | 0♁7 | 26° 5 | 10°41 | 1° 4 | 0°41 | 23°17 | 7°15 | 18°53 | 18°55 | 17°59 | 9°44 | 18°28 |
| T25 | 8 38 14 | 10°56'50 | 4♁54 | 1°48 | 26°58 | 11°27 | 1° 5 | 0°36 | 23°20 | 7°17 | 18°54 | 18°56 | 17°56 | 9°51 | 18°28 |
| F26 | 8 42 10 | 11°57'24 | 16°41 | 3°30 | 27°51 | 12°13 | 1° 7 | 0°31 | 23°22 | 7°19 | 18°55 | 18°R57 | 17°53 | 9°58 | 18°28 |
| S27 | 8 46 7 | 12°57'57 | 28°33 | 5°12 | 28°43 | 12°59 | 1° 8 | 0°26 | 23°25 | 7°21 | 18°56 | 18°56 | 17°50 | 10° 4 | 18°29 |
| S28 | 8 50 3 | 13°58'28 | 10♂31 | 6°55 | 29°33 | 13°45 | 1° 9 | 0°22 | 23°28 | 7°23 | 18°56 | 18°55 | 17°47 | 10°11 | 18°29 |
| M29 | 8 54 0 | 14°58'57 | 22°37 | 8°39 | 0♁23 | 14°31 | 1°11 | 0°17 | 23°31 | 7°24 | 18°57 | 18°52 | 17°43 | 10°17 | 18°30 |
| T30 | 8 57 56 | 15°59'24 | 4♂53 | 10°25 | 1°13 | 15°17 | 1°13 | 0°12 | 23°34 | 7°26 | 18°57 | 18°48 | 17°40 | 10°24 | 18°31 |
| W31 | 9 1 53 | 16°59'50 | 17♂20 | 12°11 | 2♁1 | 16°H 3 | 1♂15 | 0♂8 | 23°H37 | 7♁28 | 18♂58 | 18°B43 | 17♁37 | 10°B31 | 18°B31 |

Delta T = 25m53s Julian Calendar 1 Jan. 1005 == Greg. Calendar 7 Jan. 1005

FEBRUARY 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|-----|----------|----------|-------|-------|-------|-------|------|--------|--------|------|--------|--------|--------|--------|--------|
| T 1 | 9 5 50 | 18♁0'15 | 29♂59 | 13♁58 | 2♁49 | 16♁49 | 1♂17 | 0°R 3 | 23♁39 | 7♁30 | 18♂58 | 18°R38 | 17♁34 | 10°B37 | 18°B32 |
| F 2 | 9 9 46 | 19° 0'38 | 12♁51 | 15°45 | 3°35 | 17°35 | 1°20 | 29°B59 | 23°42 | 7°32 | 18°59 | 18°B33 | 17°31 | 10°44 | 18°33 |
| S 3 | 9 13 43 | 20° 0'59 | 25°58 | 17°34 | 4°21 | 18°20 | 1°23 | 29°54 | 23°45 | 7°34 | 18°59 | 18°30 | 17°28 | 10°51 | 18°34 |
| S 4 | 9 17 39 | 21° 1'19 | 9♂20 | 19°24 | 5° 5 | 19° 6 | 1°25 | 29°50 | 23°48 | 7°35 | 19° 0 | 18°28 | 17°24 | 10°57 | 18°35 |
| M 5 | 9 21 36 | 22° 1'38 | 22°59 | 21°15 | 5°49 | 19°52 | 1°28 | 29°46 | 23°51 | 7°37 | 19° 0 | 18°D27 | 17°21 | 11° 4 | 18°36 |
| T 6 | 9 25 32 | 23° 1'55 | 6♁55 | 23° 7 | 6°31 | 20°38 | 1°32 | 29°41 | 23°54 | 7°39 | 19° 0 | 18°28 | 17°18 | 11°11 | 18°37 |
| W 7 | 9 29 29 | 24° 2'11 | 21° 9 | 24°59 | 7°13 | 21°23 | 1°35 | 29°37 | 23°57 | 7°41 | 19° 1 | 18°29 | 17°15 | 11°17 | 18°38 |
| T 8 | 9 33 25 | 25° 2'25 | 5♁38 | 26°52 | 7°53 | 22° 9 | 1°39 | 29°33 | 24° 1 | 7°42 | 19° 1 | 18°31 | 17°12 | 11°24 | 18°39 |
| F 9 | 9 37 22 | 26° 2'37 | 20°20 | 28°47 | 8°32 | 22°54 | 1°43 | 29°29 | 24° 4 | 7°44 | 19° 1 | 18°R31 | 17° 8 | 11°31 | 18°40 |
| S10 | 9 41 19 | 27° 2'48 | 5♁9 | 0♁41 | 9°10 | 23°40 | 1°47 | 29°25 | 24° 7 | 7°46 | 19° 1 | 18°30 | 17° 5 | 11°37 | 18°42 |
| S11 | 9 45 15 | 28° 2'57 | 19°59 | 2°37 | 9°46 | 24°25 | 1°51 | 29°21 | 24°10 | 7°47 | 19° 1 | 18°27 | 17° 2 | 11°44 | 18°43 |
| M12 | 9 49 12 | 29° 3'04 | 4♁42 | 4°33 | 10°21 | 25°11 | 1°55 | 29°17 | 24°13 | 7°49 | 19° 1 | 18°22 | 16°59 | 11°51 | 18°45 |
| T13 | 9 53 8 | 0♁3'09 | 19° 9 | 6°29 | 10°55 | 25°56 | 2° 0 | 29°13 | 24°16 | 7°51 | 19° 2 | 18°16 | 16°56 | 11°57 | 18°46 |
| W14 | 9 57 5 | 1° 3'12 | 3♁15 | 8°25 | 11°27 | 26°41 | 2° 4 | 29° 9 | 24°20 | 7°52 | 19°R 2 | 18° 8 | 16°53 | 12° 4 | 18°48 |
| T15 | 10 1 1 | 2° 3'13 | 16°57 | 10°22 | 11°58 | 27°27 | 2° 9 | 29° 5 | 24°23 | 7°54 | 19° 2 | 18° 2 | 16°49 | 12°10 | 18°50 |
| F16 | 10 4 58 | 3° 3'12 | 0♁12 | 12°18 | 12°27 | 28°12 | 2°14 | 29° 2 | 24°26 | 7°55 | 19° 2 | 17°56 | 16°46 | 12°17 | 18°51 |
| S17 | 10 8 54 | 4° 3'09 | 13° 2 | 14°13 | 12°55 | 28°57 | 2°20 | 28°58 | 24°29 | 7°57 | 19° 1 | 17°51 | 16°43 | 12°24 | 18°53 |
| S18 | 10 12 51 | 5° 3'03 | 25°29 | 16° 8 | 13°20 | 29°42 | 2°25 | 28°55 | 24°33 | 7°58 | 19° 1 | 17°49 | 16°40 | 12°30 | 18°55 |
| M19 | 10 16 48 | 6° 2'56 | 7♂39 | 18° 1 | 13°44 | 0♁27 | 2°30 | 28°51 | 24°36 | 7°59 | 19° 1 | 17°D48 | 16°37 | 12°37 | 18°57 |
| T20 | 10 20 44 | 7° 2'46 | 19°35 | 19°53 | 14° 7 | 1°12 | 2°36 | 28°48 | 24°39 | 8° 1 | 19° 1 | 17°49 | 16°34 | 12°44 | 18°59 |
| W21 | 10 24 41 | 8° 2'33 | 1♁25 | 21°43 | 14°27 | 1°57 | 2°42 | 28°45 | 24°42 | 8° 2 | 19° 1 | 17°51 | 16°30 | 12°50 | 19° 1 |
| T22 | 10 28 37 | 9° 2'19 | 13°11 | 23°31 | 14°45 | 2°42 | 2°48 | 28°42 | 24°46 | 8° 4 | 19° 1 | 17°R52 | 16°27 | 12°57 | 19° 3 |
| F23 | 10 32 34 | 10° 2'02 | 25° 1 | 25°15 | 15° 2 | 3°27 | 2°54 | 28°39 | 24°49 | 8° 5 | 19° 0 | 17°51 | 16°24 | 13° 4 | 19° 5 |
| S24 | 10 36 30 | 11° 1'43 | 6♂56 | 26°56 | 15°16 | 4°12 | 3° 1 | 28°36 | 24°52 | 8° 6 | 19° 0 | 17°49 | 16°21 | 13°10 | 19° 8 |
| S25 | 10 40 27 | 12° 1'21 | 19° 2 | 28°34 | 15°28 | 4°57 | 3° 7 | 28°33 | 24°56 | 8° 7 | 19° 0 | 17°45 | 16°18 | 13°17 | 19°10 |
| M26 | 10 44 23 | 13° 0'58 | 1♂21 | 0♁6 | 15°38 | 5°42 | 3°14 | 28°30 | 24°59 | 8° 9 | 18°59 | 17°38 | 16°14 | 13°24 | 19°12 |
| T27 | 10 48 20 | 14° 0'32 | 13°53 | 1°35 | 15°46 | 6°27 | 3°21 | 28°27 | 25° 3 | 8°10 | 18°59 | 17°29 | 16°11 | 13°30 | 19°15 |
| W28 | 10 52 16 | 15♁0'04 | 26♂39 | 2♁58 | 15°51 | 7°11 | 3♂28 | 28°B25 | 25°H 6 | 8♁11 | 18♂58 | 17♁19 | 16°B 8 | 13°B37 | 19°B17 |

Delta T = 25m52s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1005

MARCH 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|------------------------|--------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---|---|
| T 1 | 10 56 13 | 15 ^h 59'34 | 9 ^h 39 | 4 ^h 15 | 15 ^h 54 | 7 ^h 56 | 3 ^h 35 | 28 ^h R22 | 25 ^h 9 | 8 ^h 32 | 18 ^h R58 | 17 ^h R 8 | 16 ^h 5 | 13 ^h 53 | 19 ^h 20 | | |
| F 2 | 11 0 10 | 16 ^h 59'03 | 22 ^h 52 | 5 ^h 26 | 15 ^h R54 | 8 ^h 40 | 3 ^h 42 | 28 ^h 20 | 25 ^h 13 | 8 ^h 13 | 18 ^h 57 | 16 ^h 59 | 16 ^h 2 | 13 ^h 50 | 19 ^h 22 | | |
| S 3 | 11 4 6 | 17 ^h 58'29 | 6 ^h 17 | 6 ^h 31 | 15 ^h 52 | 9 ^h 25 | 3 ^h 49 | 28 ^h 17 | 25 ^h 16 | 8 ^h 14 | 18 ^h 57 | 16 ^h 50 | 15 ^h 59 | 13 ^h 57 | 19 ^h 25 | | |
| S 4 | 11 8 3 | 18 ^h 57'54 | 19 ^h 52 | 7 ^h 29 | 15 ^h 48 | 10 ^h 10 | 3 ^h 57 | 28 ^h 15 | 25 ^h 20 | 8 ^h 15 | 18 ^h 56 | 16 ^h 44 | 15 ^h 55 | 14 ^h 3 | 19 ^h 27 | | |
| M 5 | 11 11 59 | 19 ^h 57'16 | 3 ^h 38 | 8 ^h 20 | 15 ^h 41 | 10 ^h 54 | 4 ^h 5 | 28 ^h 13 | 25 ^h 23 | 8 ^h 16 | 18 ^h 56 | 16 ^h 41 | 15 ^h 52 | 14 ^h 10 | 19 ^h 30 | | |
| T 6 | 11 15 56 | 20 ^h 56'38 | 17 ^h 32 | 9 ^h 4 | 15 ^h 32 | 11 ^h 38 | 4 ^h 12 | 28 ^h 11 | 25 ^h 26 | 8 ^h 17 | 18 ^h 55 | 16 ^h D40 | 15 ^h 49 | 14 ^h 17 | 19 ^h 33 | | |
| W 7 | 11 19 52 | 21 ^h 55'57 | 1 ^h 36 | 9 ^h 40 | 15 ^h 20 | 12 ^h 23 | 4 ^h 20 | 28 ^h 9 | 25 ^h 30 | 8 ^h 18 | 18 ^h 54 | 16 ^h 40 | 15 ^h 46 | 14 ^h 23 | 19 ^h 36 | | |
| T 8 | 11 23 49 | 22 ^h 55'14 | 15 ^h 48 | 10 ^h 9 | 15 ^h 6 | 13 ^h 7 | 4 ^h 28 | 28 ^h 7 | 25 ^h 33 | 8 ^h 19 | 18 ^h 54 | 16 ^h R40 | 15 ^h 43 | 14 ^h 30 | 19 ^h 39 | | |
| F 9 | 11 27 45 | 23 ^h 54'30 | 0 ^h 37 | 10 ^h 31 | 14 ^h 49 | 13 ^h 51 | 4 ^h 37 | 28 ^h 6 | 25 ^h 37 | 8 ^h 20 | 18 ^h 53 | 16 ^h 40 | 15 ^h 39 | 14 ^h 37 | 19 ^h 42 | | |
| S 10 | 11 31 42 | 24 ^h 53'44 | 14 ^h 31 | 10 ^h 45 | 14 ^h 30 | 14 ^h 36 | 4 ^h 45 | 28 ^h 4 | 25 ^h 40 | 8 ^h 21 | 18 ^h 52 | 16 ^h 37 | 15 ^h 36 | 14 ^h 43 | 19 ^h 45 | | |
| S 11 | 11 35 39 | 25 ^h 52'56 | 28 ^h 55 | 10 ^h R52 | 14 ^h 9 | 15 ^h 20 | 4 ^h 54 | 28 ^h 3 | 25 ^h 44 | 8 ^h 22 | 18 ^h 51 | 16 ^h 32 | 15 ^h 33 | 14 ^h 50 | 19 ^h 48 | | |
| M12 | 11 39 35 | 26 ^h 52'05 | 13 ^h 15 | 10 ^h 52 | 13 ^h 45 | 16 ^h 4 | 5 ^h 2 | 28 ^h 1 | 25 ^h 47 | 8 ^h 23 | 18 ^h 51 | 16 ^h 23 | 15 ^h 30 | 14 ^h 57 | 19 ^h 51 | | |
| T 13 | 11 43 32 | 27 ^h 51'13 | 27 ^h 24 | 10 ^h 44 | 13 ^h 19 | 16 ^h 48 | 5 ^h 11 | 28 ^h 0 | 25 ^h 51 | 8 ^h 23 | 18 ^h 50 | 16 ^h 13 | 15 ^h 27 | 15 ^h 3 | 19 ^h 54 | | |
| W14 | 11 47 28 | 28 ^h 50'19 | 11 ^h 18 | 10 ^h 30 | 12 ^h 52 | 17 ^h 32 | 5 ^h 20 | 27 ^h 59 | 25 ^h 54 | 8 ^h 24 | 18 ^h 49 | 16 ^h 1 | 15 ^h 24 | 15 ^h 10 | 19 ^h 57 | | |
| T 15 | 11 51 25 | 29 ^h 49'23 | 24 ^h 53 | 10 ^h 10 | 12 ^h 22 | 18 ^h 16 | 5 ^h 29 | 27 ^h 58 | 25 ^h 57 | 8 ^h 25 | 18 ^h 48 | 15 ^h 50 | 15 ^h 20 | 15 ^h 17 | 20 ^h 0 | | |
| F 16 | 11 55 21 | 0 ^h Y48'24 | 8 ^h 5 | 9 ^h 44 | 11 ^h 50 | 19 ^h 0 | 5 ^h 38 | 27 ^h 57 | 26 ^h 1 | 8 ^h 25 | 18 ^h 47 | 15 ^h 39 | 15 ^h 17 | 15 ^h 23 | 20 ^h 4 | | |
| S 17 | 11 59 18 | 1 ^h 47'23 | 20 ^h 54 | 9 ^h 13 | 11 ^h 17 | 19 ^h 44 | 5 ^h 47 | 27 ^h 56 | 26 ^h 4 | 8 ^h 26 | 18 ^h 46 | 15 ^h 31 | 15 ^h 14 | 15 ^h 30 | 20 ^h 7 | | |
| S 18 | 12 3 14 | 2 ^h 46'20 | 3 ^h 22 | 8 ^h 37 | 10 ^h 43 | 20 ^h 28 | 5 ^h 56 | 27 ^h 55 | 26 ^h 8 | 8 ^h 27 | 18 ^h 45 | 15 ^h 25 | 15 ^h 11 | 15 ^h 36 | 20 ^h 10 | | |
| M19 | 12 7 11 | 3 ^h 45'15 | 15 ^h 33 | 7 ^h 58 | 10 ^h 7 | 21 ^h 11 | 6 ^h 6 | 27 ^h 54 | 26 ^h 11 | 8 ^h 27 | 18 ^h 44 | 15 ^h 22 | 15 ^h 8 | 15 ^h 43 | 20 ^h 14 | | |
| T 20 | 12 11 8 | 4 ^h 44'07 | 27 ^h 31 | 7 ^h 16 | 9 ^h 31 | 21 ^h 55 | 6 ^h 15 | 27 ^h 54 | 26 ^h 14 | 8 ^h 28 | 18 ^h 43 | 15 ^h 20 | 15 ^h 5 | 15 ^h 50 | 20 ^h 17 | | |
| W21 | 12 15 4 | 5 ^h 42'58 | 9 ^h 21 | 6 ^h 32 | 8 ^h 53 | 22 ^h 39 | 6 ^h 25 | 27 ^h 53 | 26 ^h 18 | 8 ^h 28 | 18 ^h 42 | 15 ^h 20 | 15 ^h 1 | 15 ^h 56 | 20 ^h 21 | | |
| T 22 | 12 19 1 | 6 ^h 41'45 | 21 ^h 9 | 5 ^h 46 | 8 ^h 16 | 23 ^h 23 | 6 ^h 35 | 27 ^h 53 | 26 ^h 21 | 8 ^h 29 | 18 ^h 41 | 15 ^h 20 | 14 ^h 58 | 16 ^h 3 | 20 ^h 24 | | |
| F 23 | 12 22 57 | 7 ^h 40'31 | 3 ^h 0 | 5 ^h 1 | 7 ^h 38 | 24 ^h 6 | 6 ^h 45 | 27 ^h 53 | 26 ^h 25 | 8 ^h 29 | 18 ^h 40 | 15 ^h 19 | 14 ^h 55 | 16 ^h 10 | 20 ^h 28 | | |
| S 24 | 12 26 54 | 8 ^h 39'14 | 14 ^h 59 | 4 ^h 16 | 7 ^h 0 | 24 ^h 50 | 6 ^h 55 | 27 ^h D53 | 26 ^h 28 | 8 ^h 30 | 18 ^h 39 | 15 ^h 16 | 14 ^h 52 | 16 ^h 16 | 20 ^h 31 | | |
| S 25 | 12 30 50 | 9 ^h 37'55 | 27 ^h 11 | 3 ^h 32 | 6 ^h 22 | 25 ^h 33 | 7 ^h 5 | 27 ^h 53 | 26 ^h 31 | 8 ^h 30 | 18 ^h 37 | 15 ^h 11 | 14 ^h 49 | 16 ^h 23 | 20 ^h 35 | | |
| M26 | 12 34 47 | 10 ^h 36'34 | 9 ^h 39 | 2 ^h 50 | 5 ^h 45 | 26 ^h 17 | 7 ^h 15 | 27 ^h 53 | 26 ^h 35 | 8 ^h 30 | 18 ^h 36 | 15 ^h 2 | 14 ^h 45 | 16 ^h 30 | 20 ^h 39 | | |
| T 27 | 12 38 43 | 11 ^h 35'10 | 2 ^h 25 | 2 ^h 12 | 5 ^h 8 | 27 ^h 0 | 7 ^h 25 | 27 ^h 53 | 26 ^h 38 | 8 ^h 31 | 18 ^h 35 | 14 ^h 52 | 14 ^h 42 | 16 ^h 36 | 20 ^h 42 | | |
| W28 | 12 42 40 | 12 ^h 33'44 | 5 ^h 23 | 1 ^h 36 | 4 ^h 33 | 27 ^h 43 | 7 ^h 36 | 27 ^h 53 | 26 ^h 41 | 8 ^h 31 | 18 ^h 34 | 14 ^h 40 | 14 ^h 39 | 16 ^h 43 | 20 ^h 46 | | |
| T 29 | 12 46 37 | 13 ^h 32'17 | 18 ^h 52 | 1 ^h 5 | 3 ^h 59 | 28 ^h 27 | 7 ^h 46 | 27 ^h 54 | 26 ^h 45 | 8 ^h 31 | 18 ^h 33 | 14 ^h 27 | 14 ^h 36 | 16 ^h 50 | 20 ^h 50 | | |
| F 30 | 12 50 33 | 14 ^h 30'47 | 2 ^h 30 | 0 ^h 38 | 3 ^h 26 | 29 ^h 10 | 7 ^h 57 | 27 ^h 54 | 26 ^h 48 | 8 ^h 31 | 18 ^h 31 | 14 ^h 15 | 14 ^h 33 | 16 ^h 56 | 20 ^h 54 | | |
| S 31 | 12 54 30 | 15 ^h Y29'16 | 16 ^h 20 | 0 ^h Y15 | 2 ^h Y55 | 29 ^h Y53 | 8 ^h Y 7 | 27 ^h 55 | 26 ^h Y51 | 8 ^h Y32 | 18 ^h Y30 | 14 ^h Y 5 | 14 ^h Y30 | 17 ^h Y 3 | 20 ^h Y58 | | |

Delta T = 25m52s Julian Calendar 1 March 1005 == Greg. Calendar 7 March 1005

APRIL 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|------------------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|--------------------|--------------------|---------------------|---|---|
| S 1 | 12 58 26 | 16 ^h Y27'43 | 0 ^h 18 | 29 ^h R57 | 2 ^h R26 | 0 ^h 36 | 8 ^h 18 | 27 ^h 56 | 26 ^h 55 | 8 ^h 32 | 18 ^h R29 | 13 ^h R57 | 14 ^h 26 | 17 ^h 9 | 21 ^h 8 1 | | |
| M 2 | 13 2 23 | 17 ^h 26'09 | 14 ^h 21 | 29 ^h 44 | 1 ^h Y58 | 1 ^h 19 | 8 ^h 29 | 27 ^h 57 | 26 ^h 58 | 8 ^h 32 | 18 ^h 27 | 13 ^h 52 | 14 ^h 23 | 17 ^h 16 | 21 ^h 5 | | |
| T 3 | 13 6 19 | 18 ^h 24'32 | 28 ^h 27 | 29 ^h 37 | 1 ^h 33 | 2 ^h 2 | 8 ^h 40 | 27 ^h 58 | 27 ^h 1 | 8 ^h 32 | 18 ^h 26 | 13 ^h 50 | 14 ^h 20 | 17 ^h 23 | 21 ^h 9 | | |
| W 4 | 13 10 16 | 19 ^h 22'55 | 12 ^h 34 | 29 ^h D34 | 1 ^h 10 | 2 ^h 45 | 8 ^h 51 | 27 ^h 59 | 27 ^h 4 | 8 ^h 32 | 18 ^h 25 | 13 ^h 50 | 14 ^h 17 | 17 ^h 29 | 21 ^h 13 | | |
| T 5 | 13 14 12 | 20 ^h 21'15 | 26 ^h 41 | 29 ^h 36 | 0 ^h 49 | 3 ^h 28 | 9 ^h 2 | 28 ^h 0 | 27 ^h 8 | 8 ^h R32 | 18 ^h 23 | 13 ^h 50 | 14 ^h 14 | 17 ^h 36 | 21 ^h 17 | | |
| F 6 | 13 18 9 | 21 ^h 19'34 | 10 ^h 46 | 29 ^h 43 | 0 ^h 31 | 4 ^h 11 | 9 ^h 13 | 28 ^h 1 | 27 ^h 11 | 8 ^h 32 | 18 ^h 22 | 13 ^h 49 | 14 ^h 11 | 17 ^h 43 | 21 ^h 21 | | |
| S 7 | 13 22 6 | 22 ^h 17'52 | 24 ^h 50 | 29 ^h 55 | 0 ^h 15 | 4 ^h 54 | 9 ^h 25 | 28 ^h 3 | 27 ^h 14 | 8 ^h 32 | 18 ^h 20 | 13 ^h 46 | 14 ^h 7 | 17 ^h 49 | 21 ^h 25 | | |
| S 8 | 13 26 2 | 23 ^h 16'07 | 8 ^h 50 | 0 ^h Y12 | 0 ^h 1 | 5 ^h 37 | 9 ^h 36 | 28 ^h 4 | 27 ^h 17 | 8 ^h 32 | 18 ^h 19 | 13 ^h 40 | 14 ^h 4 | 17 ^h 56 | 21 ^h 30 | | |
| M 9 | 13 29 59 | 24 ^h 14'22 | 22 ^h 43 | 0 ^h 33 | 29 ^h 50 | 6 ^h 19 | 9 ^h 47 | 28 ^h 6 | 27 ^h 20 | 8 ^h 32 | 18 ^h 18 | 13 ^h 32 | 14 ^h 1 | 18 ^h 3 | 21 ^h 34 | | |
| T 10 | 13 33 55 | 25 ^h 12'34 | 6 ^h Y27 | 0 ^h 59 | 29 ^h 41 | 7 ^h 2 | 9 ^h 59 | 28 ^h 7 | 27 ^h 24 | 8 ^h 32 | 18 ^h 16 | 13 ^h 21 | 13 ^h 58 | 18 ^h 9 | 21 ^h 38 | | |
| W11 | 13 37 52 | 26 ^h 10'45 | 19 ^h 59 | 1 ^h 29 | 29 ^h 34 | 7 ^h 45 | 10 ^h 10 | 28 ^h 9 | 27 ^h 27 | 8 ^h 31 | 18 ^h 15 | 13 ^h 9 | 13 ^h 55 | 18 ^h 16 | 21 ^h 42 | | |
| T 12 | 13 41 48 | 27 ^h 8'54 | 3 ^h 15 | 2 ^h 3 | 29 ^h 30 | 8 ^h 27 | 10 ^h 22 | 28 ^h 11 | 27 ^h 30 | 8 ^h 31 | 18 ^h 13 | 12 ^h 57 | 13 ^h 51 | 18 ^h 23 | 21 ^h 46 | | |
| F 13 | 13 45 45 | 28 ^h 7'02 | 16 ^h 13 | 2 ^h 40 | 29 ^h D29 | 9 ^h 10 | 10 ^h 34 | 28 ^h 13 | 27 ^h 33 | 8 ^h 31 | 18 ^h 12 | 12 ^h 46 | 13 ^h 48 | 18 ^h 29 | 21 ^h 51 | | |
| S 14 | 13 49 41 | 29 ^h 5'07 | 28 ^h 54 | 3 ^h 22 | 29 ^h 30 | 9 ^h 52 | 10 ^h 46 | 28 ^h 15 | 27 ^h 36 | 8 ^h 31 | 18 ^h 10 | 12 ^h 37 | 13 ^h 45 | 18 ^h 36 | 21 ^h 55 | | |
| S 15 | 13 53 38 | 0 ^h 3 3'11 | 11 ^h 17 | 4 ^h 7 | 29 ^h 33 | 10 ^h 35 | 10 ^h 57 | 28 ^h 17 | 27 ^h 39 | 8 ^h 30 | 18 ^h 8 | 12 ^h 30 | 13 ^h 42 | 18 ^h 42 | 21 ^h 59 | | |
| M16 | 13 57 34 | 1 ^h 1'13 | 23 ^h 25 | 4 ^h 56 | 29 ^h 38 | 11 ^h 17 | 11 ^h 9 | 28 ^h 20 | 27 ^h 42 | 8 ^h 30 | 18 ^h 7 | 12 ^h 26 | 13 ^h 39 | 18 ^h 49 | 22 ^h 3 | | |
| T 17 | | | | | | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1005

MAY 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|------|--------|--------|-------|-------|-------|
| T 1 | 14 56 43 | 15♌28'14 | 9♌1 | 22♋56 | 4♋52 | 21♌48 | 14♌15 | 29♌6 | 28♌24 | 8♌21 | 17♌R43 | 11♌19 | 12♌51 | 20♌29 | 23♌10 |
| W 2 | 15 0 39 | 16°25'50 | 23°23 | 24°28 | 5°25 | 22°29 | 14°28 | 29°10 | 28°27 | 8♌20 | 17♌L41 | 11°19 | 12°48 | 20°35 | 23°14 |
| T 3 | 15 4 36 | 17°23'26 | 7♌37 | 26° 2 | 6° 0 | 23°11 | 14°41 | 29°14 | 28°29 | 8°19 | 17°39 | 11°20 | 12°45 | 20°42 | 23°19 |
| F 4 | 15 8 32 | 18°21'01 | 21°41 | 27°39 | 6°37 | 23°53 | 14°54 | 29°18 | 28°32 | 8°19 | 17°38 | 11°R20 | 12°42 | 20°49 | 23°23 |
| S 5 | 15 12 29 | 19°18'35 | 5♌36 | 29°18 | 7°14 | 24°34 | 15° 7 | 29°22 | 28°34 | 8°18 | 17°36 | 11°19 | 12°38 | 20°55 | 23°28 |
| S 6 | 15 16 26 | 20°16'08 | 19°19 | 1♌ 0 | 7°53 | 25°16 | 15°20 | 29°26 | 28°36 | 8°17 | 17°34 | 11°16 | 12°35 | 21° 2 | 23°33 |
| M 7 | 15 20 22 | 21°13'40 | 2♋51 | 2°43 | 8°33 | 25°57 | 15°33 | 29°30 | 28°39 | 8°16 | 17°33 | 11°10 | 12°32 | 21° 9 | 23°37 |
| T 8 | 15 24 19 | 22°11'11 | 16°11 | 4°29 | 9°14 | 26°38 | 15°46 | 29°35 | 28°41 | 8°15 | 17°31 | 11° 3 | 12°29 | 21°15 | 23°42 |
| W 9 | 15 28 15 | 23° 8'41 | 29°19 | 6°17 | 9°55 | 27°20 | 15°59 | 29°39 | 28°44 | 8°14 | 17°29 | 10°55 | 12°26 | 21°22 | 23°46 |
| T 10 | 15 32 12 | 24° 6'10 | 12♌12 | 8° 8 | 10°38 | 28° 1 | 16°12 | 29°44 | 28°46 | 8°13 | 17°28 | 10°47 | 12°22 | 21°29 | 23°51 |
| F 11 | 15 36 8 | 25° 3'38 | 24°52 | 10° 1 | 11°22 | 28°42 | 16°25 | 29°48 | 28°48 | 8°12 | 17°26 | 10°40 | 12°19 | 21°35 | 23°55 |
| S 12 | 15 40 5 | 26° 1'06 | 7♌18 | 11°55 | 12° 7 | 29°24 | 16°39 | 29°53 | 28°50 | 8°11 | 17°24 | 10°33 | 12°16 | 21°42 | 24° 0 |
| S 13 | 15 44 1 | 26°58'32 | 19°32 | 13°52 | 12°52 | 0♌ 5 | 16°52 | 29°58 | 28°52 | 8°10 | 17°23 | 10°29 | 12°13 | 21°49 | 24° 4 |
| M 14 | 15 47 58 | 27°55'57 | 1♌34 | 15°52 | 13°39 | 0°46 | 17° 5 | 0♌ 3 | 28°55 | 8° 8 | 17°21 | 10°27 | 12°10 | 21°55 | 24° 9 |
| T 15 | 15 51 55 | 28°53'21 | 13°27 | 17°53 | 14°26 | 1°27 | 17°18 | 0° 7 | 28°57 | 8° 7 | 17°20 | 10°D27 | 12° 7 | 22° 2 | 24°14 |
| W 16 | 15 55 51 | 29°50'44 | 25°16 | 19°56 | 15°14 | 2° 8 | 17°32 | 0°12 | 28°59 | 8° 6 | 17°18 | 10°28 | 12° 3 | 22° 9 | 24°18 |
| T 17 | 15 59 48 | 0♌48'06 | 7♌ 3 | 22° 1 | 16° 2 | 2°49 | 17°45 | 0°17 | 29° 1 | 8° 5 | 17°16 | 10°29 | 12° 0 | 22°15 | 24°23 |
| F 18 | 16 3 44 | 1°45'27 | 18°55 | 24° 7 | 16°52 | 3°30 | 17°58 | 0°23 | 29° 3 | 8° 4 | 17°15 | 10°31 | 11°57 | 22°22 | 24°27 |
| S 19 | 16 7 41 | 2°42'47 | 0♌55 | 26°15 | 17°42 | 4°11 | 18°12 | 0°28 | 29° 5 | 8° 3 | 17°13 | 10°R31 | 11°54 | 22°28 | 24°32 |
| S 20 | 16 11 37 | 3°40'05 | 13° 9 | 28°24 | 18°32 | 4°52 | 18°25 | 0°33 | 29° 7 | 8° 1 | 17°12 | 10°31 | 11°51 | 22°35 | 24°36 |
| M 21 | 16 15 34 | 4°37'23 | 25°42 | 0♌35 | 19°24 | 5°32 | 18°39 | 0°38 | 29° 8 | 8° 0 | 17°10 | 10°29 | 11°48 | 22°42 | 24°41 |
| T 22 | 16 19 30 | 5°34'39 | 8♌36 | 2°46 | 20°16 | 6°13 | 18°52 | 0°44 | 29°10 | 7°59 | 17° 9 | 10°26 | 11°44 | 22°48 | 24°45 |
| W 23 | 16 23 27 | 6°31'55 | 21°56 | 4°57 | 21° 8 | 6°54 | 19° 6 | 0°49 | 29°12 | 7°57 | 17° 7 | 10°21 | 11°41 | 22°55 | 24°50 |
| T 24 | 16 27 24 | 7°29'10 | 5♌42 | 7° 9 | 22° 1 | 7°35 | 19°19 | 0°55 | 29°14 | 7°56 | 17° 5 | 10°16 | 11°38 | 23° 2 | 24°54 |
| F 25 | 16 31 20 | 8°26'24 | 19°52 | 9°21 | 22°55 | 8°15 | 19°33 | 1° 0 | 29°16 | 7°55 | 17° 4 | 10°12 | 11°35 | 23° 8 | 24°59 |
| S 26 | 16 35 17 | 9°23'38 | 4♌72 | 11°33 | 23°49 | 8°56 | 19°46 | 1° 6 | 29°17 | 7°53 | 17° 2 | 10° 8 | 11°32 | 23°15 | 25° 3 |
| S 27 | 16 39 13 | 10°20'51 | 19° 7 | 13°43 | 24°44 | 9°36 | 20° 0 | 1°12 | 29°19 | 7°52 | 17° 1 | 10° 5 | 11°28 | 23°22 | 25° 8 |
| M 28 | 16 43 10 | 11°18'03 | 3♌58 | 15°54 | 25°39 | 10°17 | 20°13 | 1°17 | 29°20 | 7°51 | 17° 0 | 10°D 4 | 11°25 | 23°28 | 25°12 |
| T 29 | 16 47 6 | 12°15'15 | 18°49 | 18° 3 | 26°35 | 10°57 | 20°27 | 1°23 | 29°22 | 7°49 | 16°58 | 10° 4 | 11°22 | 23°35 | 25°17 |
| W 30 | 16 51 3 | 13°12'27 | 3♌32 | 20°11 | 27°31 | 11°38 | 20°40 | 1°29 | 29°23 | 7°48 | 16°57 | 10° 5 | 11°19 | 23°42 | 25°21 |
| T 31 | 16 55 0 | 14♌ 9'39 | 18♌ 2 | 22♌17 | 28♋27 | 12♌18 | 20♌54 | 1♌35 | 29♌25 | 7♌46 | 16♌55 | 10♌ 6 | 11♌16 | 23♌48 | 25♌25 |

Delta T = 25m51s Julian Calendar 1 May 1005 == Greg. Calendar 7 May 1005

JUNE 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|-------|------|--------|-------|--------|--------|-------|-------|-------|
| F 1 | 16 58 56 | 15♌ 6'50 | 2♌16 | 24♌22 | 29♋24 | 12♌59 | 21♌ 7 | 1♌41 | 29♌26 | 7°R45 | 16°R54 | 10♌ 7 | 11♌13 | 23♌55 | 25♌30 |
| S 2 | 17 2 53 | 16° 4'01 | 16°12 | 26°25 | 0♌22 | 13°39 | 21°21 | 1°47 | 29°28 | 7♌43 | 16♌L52 | 10°R 8 | 11° 9 | 24° 2 | 25°34 |
| S 3 | 17 6 49 | 17° 1'13 | 29°50 | 28°27 | 1°20 | 14°19 | 21°35 | 1°53 | 29°29 | 7°42 | 16°51 | 10° 7 | 11° 6 | 24° 8 | 25°39 |
| M 4 | 17 10 46 | 17°58'24 | 13♋10 | 0♌26 | 2°18 | 15° 0 | 21°48 | 2° 0 | 29°30 | 7°40 | 16°50 | 10° 6 | 11° 3 | 24°15 | 25°43 |
| T 5 | 17 14 42 | 18°55'35 | 26°13 | 2°24 | 3°17 | 15°40 | 22° 2 | 2° 6 | 29°31 | 7°39 | 16°48 | 10° 3 | 11° 0 | 24°21 | 25°47 |
| W 6 | 17 18 39 | 19°52'46 | 9♌ 1 | 4°19 | 4°16 | 16°20 | 22°15 | 2°12 | 29°32 | 7°37 | 16°47 | 10° 1 | 10°57 | 24°28 | 25°52 |
| T 7 | 17 22 35 | 20°49'58 | 21°35 | 6°13 | 5°15 | 17° 0 | 22°29 | 2°19 | 29°34 | 7°36 | 16°46 | 9°58 | 10°54 | 24°35 | 25°56 |
| F 8 | 17 26 32 | 21°47'09 | 3♌57 | 8° 4 | 6°15 | 17°40 | 22°43 | 2°25 | 29°35 | 7°34 | 16°44 | 9°55 | 10°50 | 24°41 | 26° 0 |
| S 9 | 17 30 29 | 22°44'20 | 16° 8 | 9°53 | 7°15 | 18°20 | 22°56 | 2°31 | 29°36 | 7°33 | 16°43 | 9°53 | 10°47 | 24°48 | 26° 4 |
| S 10 | 17 34 25 | 23°41'31 | 28°10 | 11°40 | 8°15 | 19° 0 | 23°10 | 2°38 | 29°37 | 7°31 | 16°42 | 9°52 | 10°44 | 24°55 | 26° 9 |
| M 11 | 17 38 22 | 24°38'43 | 10♌ 4 | 13°25 | 9°16 | 19°40 | 23°24 | 2°45 | 29°38 | 7°30 | 16°41 | 9°D51 | 10°41 | 25° 1 | 26°13 |
| T 12 | 17 42 18 | 25°35'54 | 21°54 | 15° 8 | 10°17 | 20°20 | 23°37 | 2°51 | 29°38 | 7°28 | 16°40 | 9°52 | 10°38 | 25° 8 | 26°17 |
| W 13 | 17 46 15 | 26°33'04 | 3♌41 | 16°49 | 11°18 | 21° 0 | 23°51 | 2°58 | 29°39 | 7°26 | 16°38 | 9°53 | 10°34 | 25°15 | 26°21 |
| T 14 | 17 50 11 | 27°30'15 | 15°29 | 18°28 | 12°20 | 21°40 | 24° 4 | 3° 4 | 29°40 | 7°25 | 16°37 | 9°54 | 10°31 | 25°21 | 26°25 |
| F 15 | 17 54 8 | 28°27'25 | 27°21 | 20° 4 | 13°22 | 22°20 | 24°18 | 3°11 | 29°41 | 7°23 | 16°36 | 9°55 | 10°28 | 25°28 | 26°29 |
| S 16 | 17 58 4 | 29°24'36 | 9♌22 | 21°39 | 14°24 | 23° 0 | 24°32 | 3°18 | 29°42 | 7°22 | 16°35 | 9°56 | 10°25 | 25°35 | 26°33 |
| S 17 | 18 2 1 | 0♌21'46 | 21°35 | 23°11 | 15°26 | 23°40 | 24°45 | 3°25 | 29°42 | 7°20 | 16°34 | 9°56 | 10°22 | 25°41 | 26°37 |
| M 18 | 18 5 58 | 1°18'56 | 4♌ 5 | 24°41 | 16°29 | 24°19 | 24°59 | 3°32 | 29°43 | 7°18 | 16°33 | 9°R56 | 10°19 | 25°48 | 26°41 |
| T 19 | 18 9 54 | 2°16'06 | 16°57 | 26° 8 | 17°32 | 24°59 | 25°12 | 3°39 | 29°43 | 7°17 | 16°32 | 9°56 | 10°15 | 25°55 | 26°45 |
| W 20 | 18 13 51 | 3°13'16 | 0♌13 | 27°34 | 18°35 | 25°39 | 25°26 | 3°46 | 29°44 | 7°15 | 16°31 | 9°56 | 10°12 | 26° 1 | 26°49 |
| T 21 | 18 17 47 | 4°10'26 | 13°55 | 28°57 | 19°38 | 26°18 | 25°39 | 3°53 | 29°44 | 7°14 | 16°30 | 9°55 | 10° 9 | 26° 8 | 26°53 |
| F 22 | 18 21 44 | 5° 7'36 | 28° 5 | 0♌18 | 20°42 | 26°58 | 25°53 | 4° 0 | 29°45 | 7°12 | 16°29 | 9°54 | 10° 6 | 26°15 | 26°57 |
| S 23 | 18 25 40 | 6° 4'46 | 12♌38 | 1°37 | 21°46 | 27°38 | 26° 6 | 4° 7 | 29°45 | 7°10 | 16°28 | 9°54 | 10° 3 | 26°21 | 27° 1 |
| S 24 | 18 29 37 | 7° 1'57 | 27°31 | 2°53 | 22°50 | 28°17 | 26°20 | 4°14 | 29°45 | 7° 9 | 16°27 | 9°54 | 10° 0 | 26°28 | 27° 5 |
| M 25 | 18 33 33 | 7°59'08 | 12♌36 | 4° 7 | 23°54 | 28°57 | 26°33 | 4°21 | 29°46 | 7° 7 | 16°26 | 9°D54 | 9°56 | 26°35 | 27° 8 |
| T 26 | 18 37 30 | 8°56'19 | 27°45 | 5°19 | 24°58 | 29°36 | 26°47 | 4°28 | 29°46 | 7° 6 | 16°25 | 9°54 | 9°53 | 26°41 | 27°12 |
| W 27 | 18 41 27 | 9°53'31 | 12♌47 | 6°27 | 26° 3 | 0♌15 | 27° 0 | 4°35 | 29°46 | 7° 4 | 16°25 | 9°R54 | 9°50 | 26°48 | 27°16 |
| T 28 | 18 45 23 | 10°50'43 | 27°36 | 7°34 | 27° 8 | 0°55 | 27°14 | 4°42 | 29°46 | 7° 2 | 16°24 | 9°54 | 9°47 | 26°54 | 27°19 |
| F 29 | 18 49 20 | 11°47'56 | 12♌ 5 | 8°37 | 28°13 | 1°34 | 27°27 | 4°50 | 29°46 | 7° 1 | 16°23 | 9°54 | 9°44 | 27° 1 | 27°23 |
| S 30 | 18 53 16 | 12♌45'10 | 26♌11 | 9♌38 | 29♌18 | 2♌14 | 27♌40 | 4♌57 | 29°R46 | 6♌59 | 16♌L22 | 9♌54 | 9♌40 | 27♌ 8 | 27♌27 |

Delta T = 25m51s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1005

JULY 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-------------------|--------------------|-------------------|---------------------|--------------------|-------------------|--------------------|--------------------|
| S 1 | 18 57 13 | 13 ⁵ 42'25 | 9 ^Y 52 | 10 ^Ω 35 | 0 ^{II} 23 | 2 ⁵ 53 | 27 ^{II} 54 | 5 ^Ω 4 | 29 ^R 46 | 6 ^R 57 | 16 ^R 22 | 9 ³ 53 | 9 ³ 37 | 27 ⁵ 14 | 27 ⁸ 30 |
| M 2 | 19 1 9 | 14 ⁰ 39'41 | 23 ⁰ 9 | 11 ⁰ 30 | 1 ⁰ 29 | 3 ⁰ 32 | 28 ⁰ 7 | 5 ⁰ 11 | 29 ^Y 46 | 6 ³ 56 | 16 ^{II} 21 | 9 ⁰ 53 | 9 ⁰ 34 | 27 ⁰ 21 | 27 ⁰ 34 |
| T 3 | 19 5 6 | 15 ⁰ 36'57 | 6 ⁸ 4 | 12 ⁰ 22 | 2 ⁰ 35 | 4 ⁰ 11 | 28 ⁰ 20 | 5 ⁰ 19 | 29 ⁰ 46 | 6 ⁰ 54 | 16 ⁰ 20 | 9 ⁰ 54 | 9 ⁰ 31 | 27 ⁰ 28 | 27 ⁰ 37 |
| W 4 | 19 9 2 | 16 ⁰ 34'15 | 18 ⁰ 41 | 13 ⁰ 10 | 3 ⁰ 41 | 4 ⁰ 51 | 28 ⁰ 33 | 5 ⁰ 26 | 29 ⁰ 46 | 6 ⁰ 53 | 16 ⁰ 20 | 9 ⁰ 54 | 9 ⁰ 28 | 27 ⁰ 34 | 27 ⁰ 41 |
| T 5 | 19 12 59 | 17 ⁰ 31'33 | 1 ^{II} 2 | 13 ⁰ 55 | 4 ⁰ 47 | 5 ⁰ 30 | 28 ⁰ 47 | 5 ⁰ 34 | 29 ⁰ 45 | 6 ⁰ 51 | 16 ⁰ 19 | 9 ⁰ 55 | 9 ⁰ 25 | 27 ⁰ 41 | 27 ⁰ 44 |
| F 6 | 19 16 56 | 18 ⁰ 28'53 | 13 ⁰ 10 | 14 ⁰ 36 | 5 ⁰ 53 | 6 ⁰ 9 | 29 ⁰ 0 | 5 ⁰ 41 | 29 ⁰ 45 | 6 ⁰ 49 | 16 ⁰ 19 | 9 ⁰ 56 | 9 ⁰ 21 | 27 ⁰ 48 | 27 ⁰ 47 |
| S 7 | 19 20 52 | 19 ⁰ 26'13 | 25 ⁰ 10 | 15 ⁰ 13 | 7 ⁰ 0 | 6 ⁰ 48 | 29 ⁰ 13 | 5 ⁰ 49 | 29 ⁰ 45 | 6 ⁰ 48 | 16 ⁰ 18 | 9 ⁰ 56 | 9 ⁰ 18 | 27 ⁰ 54 | 27 ⁰ 51 |
| S 8 | 19 24 49 | 20 ⁰ 23'35 | 7 ⁵ 3 | 15 ⁰ 47 | 8 ⁰ 7 | 7 ⁰ 27 | 29 ⁰ 26 | 5 ⁰ 56 | 29 ⁰ 44 | 6 ⁰ 46 | 16 ⁰ 18 | 9 ⁰ R57 | 9 ⁰ 15 | 28 ⁰ 1 | 27 ⁰ 54 |
| M 9 | 19 28 45 | 21 ⁰ 20'57 | 18 ⁰ 52 | 16 ⁰ 16 | 9 ⁰ 13 | 8 ⁰ 6 | 29 ⁰ 39 | 6 ⁰ 3 | 29 ⁰ 44 | 6 ⁰ 45 | 16 ⁰ 17 | 9 ⁰ 57 | 9 ⁰ 12 | 28 ⁰ 8 | 27 ⁰ 57 |
| T 10 | 19 32 42 | 22 ⁰ 18'20 | 0 ^Ω 39 | 16 ⁰ 41 | 10 ⁰ 20 | 8 ⁰ 45 | 29 ⁰ 52 | 6 ⁰ 11 | 29 ⁰ 44 | 6 ⁰ 43 | 16 ⁰ 17 | 9 ⁰ 56 | 9 ⁰ 9 | 28 ⁰ 14 | 28 ⁰ 0 |
| W11 | 19 36 38 | 23 ⁰ 15'44 | 12 ⁰ 27 | 17 ⁰ 2 | 11 ⁰ 27 | 9 ⁰ 24 | 0 ⁵ 5 | 6 ⁰ 19 | 29 ⁰ 43 | 6 ⁰ 42 | 16 ⁰ 16 | 9 ⁰ 55 | 9 ⁰ 6 | 28 ⁰ 21 | 28 ⁰ 3 |
| T 12 | 19 40 35 | 24 ⁰ 13'09 | 24 ⁰ 18 | 17 ⁰ 18 | 12 ⁰ 35 | 10 ⁰ 3 | 0 ⁰ 18 | 6 ⁰ 26 | 29 ⁰ 43 | 6 ⁰ 40 | 16 ⁰ 16 | 9 ⁰ 53 | 9 ⁰ 2 | 28 ⁰ 28 | 28 ⁰ 6 |
| F 13 | 19 44 32 | 25 ⁰ 10'34 | 6 ^{II} 15 | 17 ⁰ 29 | 13 ⁰ 42 | 10 ⁰ 42 | 0 ⁰ 31 | 6 ⁰ 34 | 29 ⁰ 42 | 6 ⁰ 39 | 16 ⁰ 16 | 9 ⁰ 50 | 8 ⁰ 59 | 28 ⁰ 34 | 28 ⁰ 9 |
| S 14 | 19 48 28 | 26 ⁰ 8'00 | 18 ⁰ 19 | 17 ⁰ 35 | 14 ⁰ 50 | 11 ⁰ 21 | 0 ⁰ 44 | 6 ⁰ 41 | 29 ⁰ 41 | 6 ⁰ 37 | 16 ⁰ 15 | 9 ⁰ 48 | 8 ⁰ 56 | 28 ⁰ 41 | 28 ⁰ 12 |
| S 15 | 19 52 25 | 27 ⁰ 5'27 | 0 ^Ω 35 | 17 ^R 36 | 15 ⁰ 57 | 12 ⁰ 0 | 0 ⁰ 57 | 6 ⁰ 49 | 29 ⁰ 41 | 6 ⁰ 36 | 16 ⁰ 15 | 9 ⁰ 46 | 8 ⁰ 53 | 28 ⁰ 48 | 28 ⁰ 15 |
| M16 | 19 56 21 | 28 ⁰ 2'55 | 13 ⁰ 6 | 17 ⁰ 32 | 17 ⁰ 5 | 12 ⁰ 39 | 1 ⁰ 10 | 6 ⁰ 56 | 29 ⁰ 40 | 6 ⁰ 34 | 16 ⁰ 15 | 9 ⁰ 45 | 8 ⁰ 50 | 28 ⁰ 54 | 28 ⁰ 18 |
| T 17 | 20 0 18 | 29 ⁰ 0'24 | 25 ⁰ 54 | 17 ⁰ 22 | 18 ⁰ 13 | 13 ⁰ 18 | 1 ⁰ 23 | 7 ⁰ 4 | 29 ⁰ 39 | 6 ⁰ 33 | 16 ⁰ 15 | 9 ⁰ D44 | 8 ⁰ 46 | 29 ⁰ 1 | 28 ⁰ 21 |
| W18 | 20 4 14 | 29 ⁰ 57'53 | 9 ^{II} 4 | 17 ⁰ 7 | 19 ⁰ 21 | 13 ⁰ 56 | 1 ⁰ 35 | 7 ⁰ 12 | 29 ⁰ 38 | 6 ⁰ 31 | 16 ⁰ 15 | 9 ⁰ 44 | 8 ⁰ 43 | 29 ⁰ 8 | 28 ⁰ 24 |
| T 19 | 20 8 11 | 0 ^Ω 55'24 | 22 ⁰ 38 | 16 ⁰ 47 | 20 ⁰ 29 | 14 ⁰ 35 | 1 ⁰ 48 | 7 ⁰ 19 | 29 ⁰ 37 | 6 ⁰ 30 | 16 ⁰ 14 | 9 ⁰ 45 | 8 ⁰ 40 | 29 ⁰ 14 | 28 ⁰ 26 |
| F 20 | 20 12 7 | 1 ⁰ 52'55 | 6 ^Y 38 | 16 ⁰ 22 | 21 ⁰ 38 | 15 ⁰ 14 | 2 ⁰ 1 | 7 ⁰ 27 | 29 ⁰ 36 | 6 ⁰ 28 | 16 ⁰ 14 | 9 ⁰ 46 | 8 ⁰ 37 | 29 ⁰ 21 | 28 ⁰ 29 |
| S 21 | 20 16 4 | 2 ⁰ 50'27 | 2 ⁰ 2 | 15 ⁰ 51 | 22 ⁰ 46 | 15 ⁰ 52 | 2 ⁰ 13 | 7 ⁰ 34 | 29 ⁰ 35 | 6 ⁰ 27 | 16 ⁰ 14 | 9 ⁰ 48 | 8 ⁰ 34 | 29 ⁰ 27 | 28 ⁰ 32 |
| S 22 | 20 20 1 | 3 ⁰ 48'01 | 5 ³ 50 | 15 ⁰ 16 | 23 ⁰ 55 | 16 ⁰ 31 | 2 ⁰ 26 | 7 ⁰ 42 | 29 ⁰ 34 | 6 ⁰ 25 | 16 ^D 14 | 9 ⁰ R48 | 8 ⁰ 31 | 29 ⁰ 34 | 28 ⁰ 34 |
| M23 | 20 23 57 | 4 ⁰ 45'35 | 20 ⁰ 54 | 14 ⁰ 37 | 25 ⁰ 3 | 17 ⁰ 10 | 2 ⁰ 38 | 7 ⁰ 50 | 29 ⁰ 33 | 6 ⁰ 24 | 16 ⁰ 14 | 9 ⁰ 48 | 8 ⁰ 27 | 29 ⁰ 41 | 28 ⁰ 37 |
| T 24 | 20 27 54 | 5 ⁰ 43'10 | 6 ⁸ 6 | 13 ⁰ 53 | 26 ⁰ 12 | 17 ⁰ 48 | 2 ⁰ 51 | 7 ⁰ 57 | 29 ⁰ 32 | 6 ⁰ 23 | 16 ⁰ 14 | 9 ⁰ 47 | 8 ⁰ 24 | 29 ⁰ 47 | 28 ⁰ 39 |
| W25 | 20 31 50 | 6 ⁰ 40'47 | 21 ⁰ 18 | 13 ⁰ 7 | 27 ⁰ 21 | 18 ⁰ 27 | 3 ⁰ 3 | 8 ⁰ 5 | 29 ⁰ 31 | 6 ⁰ 21 | 16 ⁰ 14 | 9 ⁰ 44 | 8 ⁰ 21 | 29 ⁰ 54 | 28 ⁰ 42 |
| T 26 | 20 35 47 | 7 ⁰ 38'25 | 6 ^Y 20 | 12 ⁰ 18 | 28 ⁰ 30 | 19 ⁰ 5 | 3 ⁰ 15 | 8 ⁰ 13 | 29 ⁰ 30 | 6 ⁰ 20 | 16 ⁰ 15 | 9 ⁰ 40 | 8 ⁰ 18 | 0 ^Ω 1 | 28 ⁰ 44 |
| F 27 | 20 39 43 | 8 ⁰ 36'04 | 21 ⁰ 2 | 11 ⁰ 27 | 29 ⁰ 39 | 19 ⁰ 44 | 3 ⁰ 28 | 8 ⁰ 20 | 29 ⁰ 29 | 6 ⁰ 19 | 16 ⁰ 15 | 9 ⁰ 36 | 8 ⁰ 15 | 0 ⁰ 7 | 28 ⁰ 46 |
| S 28 | 20 43 40 | 9 ⁰ 33'45 | 5 ^Y 19 | 10 ⁰ 36 | 0 ⁵ 49 | 20 ⁰ 23 | 3 ⁰ 40 | 8 ⁰ 28 | 29 ⁰ 27 | 6 ⁰ 17 | 16 ⁰ 15 | 9 ⁰ 33 | 8 ⁰ 12 | 0 ⁰ 14 | 28 ⁰ 49 |
| S 29 | 20 47 36 | 10 ⁰ 31'28 | 19 ⁰ 8 | 9 ⁰ 45 | 1 ⁰ 58 | 21 ⁰ 1 | 3 ⁰ 52 | 8 ⁰ 36 | 29 ⁰ 26 | 6 ⁰ 16 | 16 ⁰ 15 | 9 ⁰ 30 | 8 ⁰ 8 | 0 ⁰ 21 | 28 ⁰ 51 |
| M30 | 20 51 33 | 11 ⁰ 29'12 | 2 ⁸ 29 | 8 ⁰ 56 | 3 ⁰ 8 | 21 ⁰ 39 | 4 ⁰ 4 | 8 ⁰ 43 | 29 ⁰ 25 | 6 ⁰ 15 | 16 ⁰ 15 | 9 ⁰ 28 | 8 ⁰ 5 | 0 ⁰ 27 | 28 ⁰ 53 |
| T 31 | 20 55 30 | 12 ⁰ 26'59 | 15 ⁸ 24 | 8 ^Ω 8 | 4 ⁵ 17 | 22 ⁵ 18 | 4 ⁵ 16 | 8 ^Ω 51 | 29 ^Y 23 | 6 ³ 14 | 16 ^{II} 16 | 9 ⁰ D28 | 8 ³ 2 | 0 ^Ω 34 | 28 ⁸ 55 |

Delta T = 25m50s

Julian Calendar 1 July 1005 == Greg. Calendar 7 July 1005

AUGUST 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|---------------------|-------------------|--------------------|--------------------|-------------------|--------------------|--------------------|---------------------|---------------------|--------------------|-------------------|-------------------|--------------------|
| W 1 | 20 59 26 | 13 ^Ω 24'47 | 27 ⁸ 57 | 7 ^R 24 | 5 ⁵ 27 | 22 ⁵ 56 | 4 ⁵ 28 | 8 ^Ω 59 | 29 ^R 22 | 6 ^R 12 | 16 ^{II} 16 | 9 ³ 29 | 7 ³ 59 | 0 ^Ω 41 | 28 ⁸ 57 |
| T 2 | 21 3 23 | 14 ⁰ 22'36 | 10 ^{II} 12 | 6 ^Ω 45 | 6 ⁰ 37 | 23 ⁰ 35 | 4 ⁰ 40 | 9 ⁰ 6 | 29 ^Y 20 | 6 ³ 11 | 16 ⁰ 16 | 9 ⁰ 30 | 7 ⁰ 56 | 0 ⁰ 47 | 28 ⁰ 59 |
| F 3 | 21 7 19 | 15 ⁰ 20'28 | 22 ⁰ 14 | 6 ⁰ 10 | 7 ⁰ 47 | 24 ⁰ 13 | 4 ⁰ 52 | 9 ⁰ 14 | 29 ⁰ 19 | 6 ⁰ 10 | 16 ⁰ 17 | 9 ⁰ 32 | 7 ⁰ 52 | 0 ⁰ 54 | 29 ⁰ 1 |
| S 4 | 21 11 16 | 16 ⁰ 18'21 | 4 ⁵ 7 | 5 ⁰ 41 | 8 ⁰ 57 | 24 ⁰ 51 | 5 ⁰ 3 | 9 ⁰ 22 | 29 ⁰ 17 | 6 ⁰ 9 | 16 ⁰ 17 | 9 ⁰ R33 | 7 ⁰ 49 | 1 ⁰ 1 | 29 ⁰ 2 |
| S 5 | 21 15 12 | 17 ⁰ 16'16 | 15 ⁰ 55 | 5 ⁰ 19 | 10 ⁰ 7 | 25 ⁰ 30 | 5 ⁰ 15 | 9 ⁰ 29 | 29 ⁰ 16 | 6 ⁰ 8 | 16 ⁰ 18 | 9 ⁰ 33 | 7 ⁰ 46 | 1 ⁰ 7 | 29 ⁰ 4 |
| M 6 | 21 19 9 | 18 ⁰ 14'13 | 27 ⁰ 42 | 5 ⁰ 5 | 11 ⁰ 18 | 26 ⁰ 8 | 5 ⁰ 27 | 9 ⁰ 37 | 29 ⁰ 14 | 6 ⁰ 7 | 16 ⁰ 18 | 9 ⁰ 31 | 7 ⁰ 43 | 1 ⁰ 14 | 29 ⁰ 6 |
| T 7 | 21 23 5 | 19 ⁰ 12'11 | 9 ^Ω 30 | 4 ^D 58 | 12 ⁰ 28 | 26 ⁰ 46 | 5 ⁰ 38 | 9 ⁰ 44 | 29 ⁰ 12 | 6 ⁰ 6 | 16 ⁰ 18 | 9 ⁰ 28 | 7 ⁰ 40 | 1 ⁰ 21 | 29 ⁰ 8 |
| W 8 | 21 27 2 | 20 ⁰ 10'11 | 21 ⁰ 22 | 4 ⁵ 58 | 13 ⁰ 39 | 27 ⁰ 24 | 5 ⁰ 50 | 9 ⁰ 52 | 29 ⁰ 11 | 6 ⁰ 4 | 16 ⁰ 19 | 9 ⁰ 22 | 7 ⁰ 37 | 1 ⁰ 27 | 29 ⁰ 9 |
| T 9 | 21 30 59 | 21 ⁰ 8'12 | 3 ^{II} 20 | 5 ⁰ 7 | 14 ⁰ 49 | 28 ⁰ 3 | 6 ⁰ 1 | 10 ⁰ 0 | 29 ⁰ 9 | 6 ⁰ 3 | 16 ⁰ 20 | 9 ⁰ 15 | 7 ⁰ 33 | 1 ⁰ 34 | 29 ⁰ 11 |
| F 10 | 21 34 55 | 22 ⁰ 6'15 | 15 ⁰ 26 | 5 ⁰ 25 | 16 ⁰ 0 | 28 ⁰ 41 | 6 ⁰ 12 | 10 ⁰ 7 | 29 ⁰ 7 | 6 ⁰ 2 | 16 ⁰ 20 | 9 ⁰ 7 | 7 ⁰ 30 | 1 ⁰ 41 | 29 ⁰ 12 |
| S 11 | 21 38 52 | 23 ⁰ 4'20 | 27 ⁰ 40 | 5 ⁰ 50 | 17 ⁰ 11 | 29 ⁰ 19 | 6 ⁰ 24 | 10 ⁰ 15 | 29 ⁰ 5 | 6 ⁰ 1 | 16 ⁰ 21 | 8 ⁰ 59 | 7 ⁰ 27 | 1 ⁰ 47 | 29 ⁰ 13 |
| S 12 | 21 42 48 | 24 ⁰ 2'26 | 10 ^Ω 5 | 6 ⁰ 24 | 18 ⁰ 22 | 29 ⁰ 57 | 6 ⁰ 35 | 10 ⁰ 22 | 29 ⁰ 4 | 6 ⁰ 0 | 16 ⁰ 22 | 8 ⁰ 52 | 7 ⁰ 24 | 1 ⁰ 54 | 29 ⁰ 15 |
| M13 | 21 46 45 | 25 ⁰ 0'34 | 22 ⁰ 42 | 7 ⁰ 6 | 19 ⁰ 32 | 0 ^Ω 35 | 6 ⁰ 46 | 10 ⁰ 30 | 29 ⁰ 2 | 6 ⁰ 0 | 16 ⁰ 22 | 8 ⁰ 46 | 7 ⁰ 21 | 2 ⁰ 1 | 29 ⁰ 16 |
| T 14 | 21 50 41 | 25 ⁰ 58'43 | 5 ^{II} 33 | 7 ⁰ 56 | 20 ⁰ 44 | 1 ⁰ 13 | 6 ⁰ 57 | 10 ⁰ 37 | 29 ⁰ 0 | 5 ⁰ 59 | 16 ⁰ 23 | 8 ⁰ 42 | 7 ⁰ 17 | 2 ⁰ 7 | 29 ⁰ 17 |
| W15 | 21 54 38 | 26 ⁰ 56'54 | 18 ⁰ 41 | 8 ⁰ 53 | 21 ⁰ 55 | 1 ⁰ 51 | 7 ⁰ 8 | 10 ⁰ 45 | 28 ⁰ 58 | 5 ⁰ 58 | 16 ⁰ 24 | 8 ⁰ 40 | 7 ⁰ 14 | 2 ⁰ 14 | 29 ⁰ 18 |
| T 16 | 21 58 34 | 27 ⁰ 55'07 | 2 ^Y 8 | 9 ⁰ 57 | 23 ⁰ 6 | 2 ⁰ 29 | 7 ⁰ 18 | 10 ⁰ 52 | 28 ⁰ 56 | 5 ⁰ 57 | 16 ⁰ 25 | 8 ^D 40 | 7 ⁰ 11 | 2 ⁰ 21 | 29 ⁰ 19 |
| F 17 | 22 2 31 | 28 ⁰ 53'21 | 15 ⁰ 57 | 11 ⁰ 8 | 24 ⁰ 17 | 3 ⁰ 7 | 7 ⁰ 29 | 11 ⁰ 0 | 28 ⁰ 54 | 5 ⁰ 56</ | | | | | |

SWISS EPHEMERIS for the year 1005

SEPTEMBER 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|------|------|--------|
| S 1 | 23 1 39 | 13♎30'28 | 12♏43 | 6♎24 | 12♏18 | 12♏34 | 9♏58 | 12♏48 | 28°R21 | 5°R47 | 16♎42 | 7°R48 | 6♏20 | 4♏7 | 29°R27 |
| S 2 | 23 5 36 | 14°29'14 | 24°30 | 8°16 | 13°30 | 13°12 | 10°7 | 12°55 | 28°K19 | 5♏47 | 16°43 | 7♏46 | 6°17 | 4°14 | 29°R27 |
| M 3 | 23 9 32 | 15°28'02 | 6♎18 | 10°7 | 14°43 | 13°49 | 10°16 | 13°1 | 28°17 | 5°47 | 16°45 | 7°42 | 6°14 | 4°20 | 29°27 |
| T 4 | 23 13 29 | 16°26'52 | 18°9 | 11°58 | 15°56 | 14°27 | 10°25 | 13°8 | 28°14 | 5°46 | 16°46 | 7°36 | 6°11 | 4°27 | 29°26 |
| W 5 | 23 17 25 | 17°25'44 | 0♎8 | 13°49 | 17°9 | 15°4 | 10°33 | 13°15 | 28°12 | 5°46 | 16°47 | 7°27 | 6°8 | 4°34 | 29°26 |
| T 6 | 23 21 22 | 18°24'38 | 12°16 | 15°38 | 18°22 | 15°42 | 10°42 | 13°22 | 28°9 | 5°46 | 16°49 | 7°16 | 6°4 | 4°40 | 29°26 |
| F 7 | 23 25 19 | 19°23'35 | 24°35 | 17°27 | 19°35 | 16°19 | 10°50 | 13°29 | 28°7 | 5°46 | 16°50 | 7°3 | 6°1 | 4°47 | 29°25 |
| S 8 | 23 29 15 | 20°22'33 | 7♏4 | 19°16 | 20°48 | 16°57 | 10°59 | 13°35 | 28°5 | 5°45 | 16°52 | 6°50 | 5°58 | 4°54 | 29°25 |
| S 9 | 23 33 12 | 21°21'33 | 19°45 | 21°3 | 22°1 | 17°34 | 11°7 | 13°42 | 28°2 | 5°45 | 16°53 | 6°38 | 5°55 | 5°0 | 29°24 |
| M10 | 23 37 8 | 22°20'36 | 2♎37 | 22°50 | 23°14 | 18°12 | 11°15 | 13°48 | 28°0 | 5°45 | 16°55 | 6°27 | 5°52 | 5°7 | 29°24 |
| T 11 | 23 41 5 | 23°19'40 | 15°40 | 24°36 | 24°28 | 18°49 | 11°23 | 13°55 | 27°57 | 5°45 | 16°57 | 6°20 | 5°49 | 5°14 | 29°23 |
| W12 | 23 45 1 | 24°18'46 | 28°56 | 26°21 | 25°41 | 19°26 | 11°31 | 14°1 | 27°55 | 5°D45 | 16°58 | 6°15 | 5°45 | 5°20 | 29°22 |
| T 13 | 23 48 58 | 25°17'54 | 12♏25 | 28°5 | 26°54 | 20°4 | 11°38 | 14°8 | 27°53 | 5°45 | 17°0 | 6°13 | 5°42 | 5°27 | 29°21 |
| F 14 | 23 52 54 | 26°17'04 | 26°9 | 29°48 | 28°8 | 20°41 | 11°46 | 14°14 | 27°50 | 5°45 | 17°2 | 6°D13 | 5°39 | 5°34 | 29°20 |
| S 15 | 23 56 51 | 27°16'16 | 10♏7 | 1♏31 | 29°21 | 21°18 | 11°53 | 14°21 | 27°48 | 5°45 | 17°3 | 6°R13 | 5°36 | 5°40 | 29°19 |
| S 16 | 0 0 48 | 28°15'29 | 24°22 | 3°12 | 0♎35 | 21°56 | 12°1 | 14°27 | 27°45 | 5°45 | 17°5 | 6°12 | 5°33 | 5°47 | 29°18 |
| M17 | 0 4 44 | 29°14'45 | 8♏51 | 4°53 | 1°49 | 22°33 | 12°8 | 14°33 | 27°43 | 5°46 | 17°7 | 6°9 | 5°29 | 5°54 | 29°17 |
| T 18 | 0 8 41 | 0♏14'01 | 23°30 | 6°33 | 3°2 | 23°10 | 12°15 | 14°39 | 27°40 | 5°46 | 17°8 | 6°3 | 5°26 | 6°0 | 29°16 |
| W19 | 0 12 37 | 1°13'20 | 8♏15 | 8°12 | 4°16 | 23°47 | 12°21 | 14°45 | 27°38 | 5°46 | 17°10 | 5°55 | 5°23 | 6°7 | 29°15 |
| T 20 | 0 16 34 | 2°12'41 | 22°58 | 9°51 | 5°30 | 24°24 | 12°28 | 14°51 | 27°35 | 5°46 | 17°12 | 5°44 | 5°20 | 6°14 | 29°13 |
| F 21 | 0 20 30 | 3°12'04 | 7♏31 | 11°29 | 6°44 | 25°1 | 12°35 | 14°57 | 27°33 | 5°46 | 17°14 | 5°33 | 5°17 | 6°20 | 29°12 |
| S 22 | 0 24 27 | 4°11'29 | 21°46 | 13°6 | 7°58 | 25°38 | 12°41 | 15°3 | 27°31 | 5°47 | 17°16 | 5°21 | 5°14 | 6°27 | 29°11 |
| S 23 | 0 28 23 | 5°10'56 | 5♏38 | 14°42 | 9°12 | 26°16 | 12°47 | 15°9 | 27°28 | 5°47 | 17°18 | 5°10 | 5°10 | 6°34 | 29°9 |
| M24 | 0 32 20 | 6°10'25 | 19°5 | 16°18 | 10°26 | 26°53 | 12°53 | 15°15 | 27°26 | 5°48 | 17°19 | 5°2 | 5°7 | 6°40 | 29°8 |
| T 25 | 0 36 17 | 7°9'57 | 2♎5 | 17°53 | 11°40 | 27°30 | 12°59 | 15°20 | 27°23 | 5°48 | 17°21 | 4°56 | 5°4 | 6°47 | 29°6 |
| W26 | 0 40 13 | 8°9'31 | 14°42 | 19°27 | 12°54 | 28°7 | 13°5 | 15°26 | 27°21 | 5°48 | 17°23 | 4°53 | 5°1 | 6°54 | 29°4 |
| T 27 | 0 44 10 | 9°9'07 | 26°58 | 21°1 | 14°8 | 28°44 | 13°10 | 15°32 | 27°19 | 5°49 | 17°25 | 4°52 | 4°58 | 7°0 | 29°2 |
| F 28 | 0 48 6 | 10°8'46 | 9♏0 | 22°34 | 15°22 | 29°20 | 13°16 | 15°37 | 27°16 | 5°49 | 17°27 | 4°52 | 4°54 | 7°7 | 29°1 |
| S 29 | 0 52 3 | 11°8'27 | 20°52 | 24°6 | 16°37 | 29°57 | 13°21 | 15°43 | 27°14 | 5°50 | 17°29 | 4°52 | 4°51 | 7°14 | 28°59 |
| S 30 | 0 55 59 | 12♏8'10 | 2♎40 | 25♏38 | 17♎51 | 0♎34 | 13♏26 | 15♏48 | 27♏12 | 5♏50 | 17♎31 | 4♏50 | 4♏48 | 7♏20 | 28♏57 |

Delta T = 25m49s Julian Calendar 1 Sept. 1005 == Greg. Calendar 7 Sept. 1005

OCTOBER 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|-------|--------|-------|-------|------|-------|-------|------|-------|--------|
| M 1 | 0 59 56 | 13♏7'55 | 14♏30 | 27♏9 | 19♎5 | 1♎11 | 13♏31 | 15♏53 | 27°R9 | 5♏51 | 17♎33 | 4°R47 | 4♏45 | 7♏27 | 28°R55 |
| T 2 | 1 3 52 | 14°7'43 | 26°25 | 28°40 | 20°20 | 1°48 | 13°36 | 15°58 | 27°K7 | 5°52 | 17°35 | 4♏40 | 4°42 | 7°34 | 28°R53 |
| W 3 | 1 7 49 | 15°7'33 | 8♎30 | 0♎10 | 21°34 | 2°25 | 13°40 | 16°4 | 27°5 | 5°52 | 17°37 | 4°31 | 4°39 | 7°40 | 28°51 |
| T 4 | 1 11 45 | 16°7'25 | 20°48 | 1°40 | 22°49 | 3°2 | 13°45 | 16°9 | 27°3 | 5°53 | 17°40 | 4°20 | 4°35 | 7°47 | 28°49 |
| F 5 | 1 15 42 | 17°7'19 | 3♏20 | 3°8 | 24°3 | 3°38 | 13°49 | 16°14 | 27°0 | 5°54 | 17°42 | 4°7 | 4°32 | 7°54 | 28°46 |
| S 6 | 1 19 39 | 18°7'15 | 16°7 | 4°37 | 25°18 | 4°15 | 13°53 | 16°19 | 26°58 | 5°55 | 17°44 | 3°53 | 4°29 | 8°0 | 28°44 |
| S 7 | 1 23 35 | 19°7'13 | 29°8 | 6°4 | 26°33 | 4°52 | 13°57 | 16°23 | 26°56 | 5°55 | 17°46 | 3°41 | 4°26 | 8°7 | 28°42 |
| M 8 | 1 27 32 | 20°7'13 | 12♎22 | 7°31 | 27°47 | 5°28 | 14°0 | 16°28 | 26°54 | 5°56 | 17°48 | 3°30 | 4°23 | 8°14 | 28°39 |
| T 9 | 1 31 28 | 21°7'15 | 25°47 | 8°58 | 29°2 | 6°5 | 14°4 | 16°33 | 26°51 | 5°57 | 17°50 | 3°22 | 4°20 | 8°20 | 28°37 |
| W10 | 1 35 25 | 22°7'19 | 9♏21 | 10°23 | 0♏17 | 6°42 | 14°7 | 16°37 | 26°49 | 5°58 | 17°52 | 3°17 | 4°16 | 8°27 | 28°34 |
| T 11 | 1 39 21 | 23°7'25 | 23°4 | 11°48 | 1°32 | 7°18 | 14°10 | 16°42 | 26°47 | 5°59 | 17°55 | 3°15 | 4°13 | 8°34 | 28°32 |
| F 12 | 1 43 18 | 24°7'32 | 6♏55 | 13°12 | 2°46 | 7°55 | 14°13 | 16°46 | 26°45 | 6°0 | 17°57 | 3°D15 | 4°10 | 8°40 | 28°29 |
| S 13 | 1 47 14 | 25°7'41 | 20°54 | 14°36 | 4°1 | 8°31 | 14°16 | 16°51 | 26°43 | 6°1 | 17°59 | 3°R15 | 4°7 | 8°47 | 28°27 |
| S 14 | 1 51 11 | 26°7'51 | 4♏59 | 15°58 | 5°16 | 9°8 | 14°18 | 16°55 | 26°41 | 6°2 | 18°1 | 3°15 | 4°4 | 8°54 | 28°24 |
| M15 | 1 55 8 | 27°8'03 | 19°11 | 17°20 | 6°31 | 9°44 | 14°21 | 16°59 | 26°39 | 6°3 | 18°4 | 3°13 | 4°0 | 9°0 | 28°21 |
| T 16 | 1 59 4 | 28°8'16 | 3♏28 | 18°40 | 7°46 | 10°21 | 14°23 | 17°3 | 26°37 | 6°4 | 18°6 | 3°9 | 3°57 | 9°7 | 28°19 |
| W17 | 2 3 1 | 29°8'31 | 17°47 | 20°0 | 9°1 | 10°57 | 14°25 | 17°7 | 26°35 | 6°5 | 18°8 | 3°2 | 3°54 | 9°14 | 28°16 |
| T 18 | 2 6 57 | 0♎8'47 | 2♎2 | 21°18 | 10°16 | 11°33 | 14°27 | 17°11 | 26°33 | 6°6 | 18°10 | 2°53 | 3°51 | 9°20 | 28°13 |
| F 19 | 2 10 54 | 1°9'05 | 16°10 | 22°35 | 11°31 | 12°9 | 14°28 | 17°15 | 26°31 | 6°8 | 18°13 | 2°42 | 3°48 | 9°27 | 28°10 |
| S 20 | 2 14 50 | 2°9'25 | 0♏5 | 23°50 | 12°46 | 12°46 | 14°30 | 17°18 | 26°29 | 6°9 | 18°15 | 2°32 | 3°45 | 9°34 | 28°7 |
| S 21 | 2 18 47 | 3°9'46 | 13°42 | 25°4 | 14°1 | 13°22 | 14°31 | 17°22 | 26°28 | 6°10 | 18°17 | 2°23 | 3°41 | 9°40 | 28°4 |
| M22 | 2 22 43 | 4°10'10 | 26°58 | 26°16 | 15°16 | 13°58 | 14°32 | 17°25 | 26°26 | 6°11 | 18°20 | 2°15 | 3°38 | 9°47 | 28°1 |
| T 23 | 2 26 40 | 5°10'35 | 9♎53 | 27°25 | 16°31 | 14°34 | 14°33 | 17°29 | 26°24 | 6°13 | 18°22 | 2°10 | 3°35 | 9°54 | 27°58 |
| W24 | 2 30 37 | 6°11'02 | 22°28 | 28°33 | 17°46 | 15°10 | 14°34 | 17°32 | 26°22 | 6°14 | 18°24 | 2°8 | 3°32 | 10°0 | 27°55 |
| T 25 | 2 34 33 | 7°11'31 | 4♏45 | 29°37 | 19°1 | 15°47 | 14°34 | 17°35 | 26°21 | 6°15 | 18°27 | 2°D7 | 3°29 | 10°7 | 27°52 |
| F 26 | 2 38 30 | 8°12'01 | 16°48 | 0♏39 | 20°17 | 16°23 | 14°34 | 17°39 | 26°19 | 6°17 | 18°29 | 2°8 | 3°26 | 10°14 | 27°49 |
| S 27 | 2 42 26 | 9°12'34 | 28°42 | 1°38 | 21°32 | 16°59 | 14°R34 | 17°42 | 26°18 | 6°18 | 18°31 | 2°9 | 3°22 | 10°21 | 27°46 |
| S 28 | 2 46 23 | 10°13'08 | 10♏31 | 2°32 | 22°47 | 17°35 | 14°34 | 17°45 | 26°16 | 6°20 | 18°34 | 2°R10 | 3°19 | 10°27 | 27°43 |
| M29 | 2 50 19 | 11°13'44 | 22°22 | 3°23 | 24°2 | 18°11 | 14°34 | 17°47 | 26°14 | 6°21 | 18°36 | 2°9 | 3°16 | 10°34 | 27°40 |
| T 30 | 2 54 16 | 12°14'22 | 4♎18 | 4°8 | 25°17 | 18°46 | 14°33 | 17°50 | 26°13 | 6°23 | 18°38 | 2°6 | 3°13 | 10°41 | 27°36 |
| W31 | 2 58 12 | 13♎15'01 | 16♎26 | 4♏48 | 26♏33 | 19♎22 | 14♏32 | 17♏53 | 26♏12 | 6♏24 | 18♎41 | 2♏1 | 3♏10 | 10♏47 | 27♏33 |

Delta T = 25m49s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1005

NOVEMBER 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|-------|--------|--------|--------|------|-------|-------|------|-------|--------|---|
| T 1 | 3 2 9 | 14♌15'43 | 28♍49 | 5♊22 | 27♎48 | 19♏58 | 14°R31 | 17♏55 | 26°R10 | 6♃26 | 18♌43 | 1°R54 | 3♃ 6 | 10♏54 | 27°R30 | |
| F 2 | 3 6 6 | 15°16'26 | 11♋30 | 5°49 | 29° 3 | 20°34 | 14♌30 | 17°58 | 26♁ 9 | 6°27 | 18°46 | 1♃46 | 3° 3 | 11° 1 | 27♂26 | |
| S 3 | 3 10 2 | 16°17'10 | 24°30 | 6° 8 | 0♌19 | 21°10 | 14°29 | 18° 0 | 26° 7 | 6°29 | 18°48 | 1°38 | 3° 0 | 11° 7 | 27°23 | |
| S 4 | 3 13 59 | 17°17'56 | 7♌49 | 6°19 | 1°34 | 21°45 | 14°27 | 18° 2 | 26° 6 | 6°30 | 18°50 | 1°30 | 2°57 | 11°14 | 27°20 | |
| M 5 | 3 17 55 | 18°18'43 | 21°25 | 6°R21 | 2°49 | 22°21 | 14°25 | 18° 4 | 26° 5 | 6°32 | 18°53 | 1°23 | 2°54 | 11°21 | 27°17 | |
| T 6 | 3 21 52 | 19°19'32 | 5♊16 | 6°13 | 4° 5 | 22°57 | 14°24 | 18° 6 | 26° 4 | 6°34 | 18°55 | 1°18 | 2°51 | 11°27 | 27°13 | |
| W 7 | 3 25 48 | 20°20'22 | 19°17 | 5°54 | 5°20 | 23°32 | 14°21 | 18° 8 | 26° 3 | 6°35 | 18°57 | 1°16 | 2°47 | 11°34 | 27°10 | |
| T 8 | 3 29 45 | 21°21'14 | 3♃25 | 5°25 | 6°36 | 24° 8 | 14°19 | 18°10 | 26° 2 | 6°37 | 19° 0 | 1°D15 | 2°44 | 11°41 | 27° 6 | |
| F 9 | 3 33 41 | 22°22'06 | 17°37 | 4°44 | 7°51 | 24°43 | 14°16 | 18°12 | 26° 0 | 6°39 | 19° 2 | 1°16 | 2°41 | 11°47 | 27° 3 | |
| S 10 | 3 37 38 | 23°22'59 | 1♋50 | 3°53 | 9° 6 | 25°19 | 14°14 | 18°13 | 25°59 | 6°41 | 19° 5 | 1°17 | 2°38 | 11°54 | 27° 0 | |
| S 11 | 3 41 35 | 24°23'53 | 16° 1 | 2°52 | 10°22 | 25°54 | 14°11 | 18°15 | 25°59 | 6°42 | 19° 7 | 1°19 | 2°35 | 12° 1 | 26°56 | |
| M12 | 3 45 31 | 25°24'48 | 0♁ 8 | 1°42 | 11°37 | 26°29 | 14° 8 | 18°16 | 25°58 | 6°44 | 19° 9 | 1°R19 | 2°31 | 12° 7 | 26°53 | |
| T 13 | 3 49 28 | 26°25'43 | 14°12 | 0°25 | 12°53 | 27° 5 | 14° 4 | 18°17 | 25°57 | 6°46 | 19°12 | 1°17 | 2°28 | 12°14 | 26°49 | |
| W14 | 3 53 24 | 27°26'39 | 28° 9 | 29♌ 4 | 14° 8 | 27°40 | 14° 1 | 18°18 | 25°56 | 6°48 | 19°14 | 1°14 | 2°25 | 12°21 | 26°46 | |
| T 15 | 3 57 21 | 28°27'36 | 11♏58 | 27°41 | 15°24 | 28°15 | 13°57 | 18°19 | 25°55 | 6°50 | 19°16 | 1°10 | 2°22 | 12°27 | 26°43 | |
| F 16 | 4 1 17 | 29°28'34 | 25°37 | 26°20 | 16°39 | 28°50 | 13°53 | 18°20 | 25°54 | 6°52 | 19°19 | 1° 5 | 2°19 | 12°34 | 26°39 | |
| S 17 | 4 5 14 | 0♁29'33 | 9♂ 3 | 25° 1 | 17°55 | 29°25 | 13°49 | 18°21 | 25°54 | 6°54 | 19°21 | 1° 0 | 2°16 | 12°41 | 26°36 | |
| S 18 | 4 9 10 | 1°30'32 | 22°16 | 23°49 | 19°10 | 0♁ 0 | 13°45 | 18°22 | 25°53 | 6°55 | 19°23 | 0°55 | 2°12 | 12°47 | 26°32 | |
| M19 | 4 13 7 | 2°31'33 | 5♀14 | 22°46 | 20°26 | 0°35 | 13°40 | 18°22 | 25°53 | 6°57 | 19°26 | 0°51 | 2° 9 | 12°54 | 26°29 | |
| T 20 | 4 17 4 | 3°32'34 | 17°56 | 21°52 | 21°41 | 1°10 | 13°36 | 18°23 | 25°52 | 6°59 | 19°28 | 0°49 | 2° 6 | 13° 1 | 26°26 | |
| W21 | 4 21 0 | 4°33'37 | 0♁22 | 21° 9 | 22°56 | 1°45 | 13°31 | 18°23 | 25°52 | 7° 1 | 19°30 | 0°D48 | 2° 3 | 13° 7 | 26°22 | |
| T 22 | 4 24 57 | 5°34'40 | 12°35 | 20°37 | 24°12 | 2°20 | 13°26 | 18°23 | 25°51 | 7° 3 | 19°33 | 0°49 | 2° 0 | 13°14 | 26°19 | |
| F 23 | 4 28 53 | 6°35'44 | 24°37 | 20°17 | 25°27 | 2°55 | 13°21 | 18°23 | 25°51 | 7° 5 | 19°35 | 0°50 | 1°57 | 13°21 | 26°15 | |
| S 24 | 4 32 50 | 7°36'49 | 6♌30 | 20°D 7 | 26°43 | 3°29 | 13°16 | 18°R23 | 25°51 | 7° 7 | 19°37 | 0°52 | 1°53 | 13°27 | 26°12 | |
| S 25 | 4 36 46 | 8°37'55 | 18°20 | 20° 7 | 27°58 | 4° 4 | 13°10 | 18°23 | 25°50 | 7° 9 | 19°40 | 0°54 | 1°50 | 13°34 | 26° 9 | |
| M26 | 4 40 43 | 9°39'01 | 0♍10 | 20°18 | 29°14 | 4°39 | 13° 5 | 18°23 | 25°50 | 7°11 | 19°42 | 0°55 | 1°47 | 13°41 | 26° 6 | |
| T 27 | 4 44 39 | 10°40'09 | 12° 6 | 20°37 | 0♁30 | 5°13 | 12°59 | 18°23 | 25°50 | 7°14 | 19°44 | 0°R55 | 1°44 | 13°48 | 26° 2 | |
| W28 | 4 48 36 | 11°41'17 | 24°13 | 21° 4 | 1°45 | 5°48 | 12°53 | 18°22 | 25°50 | 7°16 | 19°46 | 0°55 | 1°41 | 13°54 | 25°59 | |
| T 29 | 4 52 33 | 12°42'26 | 6♁35 | 21°38 | 3° 1 | 6°22 | 12°47 | 18°22 | 25°50 | 7°18 | 19°49 | 0°53 | 1°37 | 14° 1 | 25°56 | |
| F 30 | 4 56 29 | 13°43'36 | 19♎16 | 22♌19 | 4♁16 | 6♁56 | 12♁41 | 18♌21 | 25°D50 | 7♂20 | 19♌51 | 0♁51 | 1♃34 | 14♏ 8 | 25♂53 | |

Delta T = 25m49s

Julian Calendar 1 Nov. 1005 == Greg. Calendar 7 Nov. 1005

DECEMBER 1005 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|-------|--------|--------|-------|------|-------|-------|-------|-------|--------|---|
| S 1 | 5 0 26 | 14♊44'47 | 2♌20 | 23♌ 6 | 5♊32 | 7♎31 | 12°R35 | 18°R20 | 25♁50 | 7♂22 | 19♌53 | 0°R49 | 1♃31 | 14♏14 | 25°R49 | |
| S 2 | 5 4 22 | 15°45'59 | 15°46 | 23°57 | 6°47 | 8° 5 | 12♁28 | 18♌19 | 25°50 | 7°24 | 19°55 | 0♁47 | 1°28 | 14°21 | 25♂46 | |
| M 3 | 5 8 19 | 16°47'11 | 29°36 | 24°53 | 8° 3 | 8°39 | 12°22 | 18°18 | 25°50 | 7°26 | 19°58 | 0°45 | 1°25 | 14°28 | 25°43 | |
| T 4 | 5 12 15 | 17°48'23 | 13♊47 | 25°53 | 9°18 | 9°13 | 12°15 | 18°17 | 25°50 | 7°28 | 20° 0 | 0°43 | 1°22 | 14°34 | 25°40 | |
| W 5 | 5 16 12 | 18°49'36 | 28°13 | 26°57 | 10°34 | 9°47 | 12° 8 | 18°16 | 25°51 | 7°31 | 20° 2 | 0°D43 | 1°18 | 14°41 | 25°37 | |
| T 6 | 5 20 9 | 19°50'49 | 12♃50 | 28° 3 | 11°49 | 10°21 | 12° 1 | 18°15 | 25°51 | 7°33 | 20° 4 | 0°43 | 1°15 | 14°48 | 25°34 | |
| F 7 | 5 24 5 | 20°52'02 | 27°31 | 29°12 | 13° 5 | 10°55 | 11°54 | 18°13 | 25°51 | 7°35 | 20° 6 | 0°44 | 1°12 | 14°54 | 25°31 | |
| S 8 | 5 28 2 | 21°53'15 | 12♋ 9 | 0♁24 | 14°20 | 11°28 | 11°47 | 18°12 | 25°52 | 7°37 | 20° 8 | 0°45 | 1° 9 | 15° 1 | 25°28 | |
| S 9 | 5 31 58 | 22°54'28 | 26°40 | 1°38 | 15°36 | 12° 2 | 11°40 | 18°10 | 25°52 | 7°39 | 20°10 | 0°45 | 1° 6 | 15° 8 | 25°25 | |
| M10 | 5 35 55 | 23°55'41 | 10♁58 | 2°53 | 16°51 | 12°36 | 11°32 | 18° 8 | 25°53 | 7°42 | 20°12 | 0°46 | 1° 3 | 15°14 | 25°22 | |
| T 11 | 5 39 51 | 24°56'53 | 25° 2 | 4°10 | 18° 7 | 13° 9 | 11°25 | 18° 7 | 25°53 | 7°44 | 20°14 | 0°R46 | 0°59 | 15°21 | 25°19 | |
| W12 | 5 43 48 | 25°58'05 | 8♏50 | 5°29 | 19°22 | 13°43 | 11°17 | 18° 5 | 25°54 | 7°46 | 20°17 | 0°46 | 0°56 | 15°28 | 25°16 | |
| T 13 | 5 47 44 | 26°59'17 | 22°22 | 6°49 | 20°38 | 14°16 | 11°10 | 18° 3 | 25°54 | 7°48 | 20°19 | 0°46 | 0°53 | 15°34 | 25°14 | |
| F 14 | 5 51 41 | 28° 0'29 | 5♂39 | 8°10 | 21°53 | 14°49 | 11° 2 | 18° 0 | 25°55 | 7°51 | 20°21 | 0°45 | 0°50 | 15°41 | 25°11 | |
| S 15 | 5 55 38 | 29° 1'40 | 18°41 | 9°33 | 23° 9 | 15°22 | 10°54 | 17°58 | 25°56 | 7°53 | 20°23 | 0°45 | 0°47 | 15°48 | 25° 8 | |
| S 16 | 5 59 34 | 0♁ 2'51 | 1♀30 | 10°56 | 24°24 | 15°55 | 10°47 | 17°56 | 25°57 | 7°55 | 20°24 | 0°45 | 0°43 | 15°54 | 25° 5 | |
| M17 | 6 3 31 | 1° 4'02 | 14° 5 | 12°20 | 25°40 | 16°28 | 10°39 | 17°53 | 25°58 | 7°57 | 20°26 | 0°D45 | 0°40 | 16° 1 | 25° 3 | |
| T 18 | 6 7 27 | 2° 5'12 | 26°30 | 13°45 | 26°55 | 17° 1 | 10°31 | 17°51 | 25°59 | 8° 0 | 20°28 | 0°R45 | 0°37 | 16° 8 | 25° 0 | |
| W19 | 6 11 24 | 3° 6'22 | 8♁43 | 15°11 | 28°11 | 17°34 | 10°23 | 17°48 | 26° 0 | 8° 2 | 20°30 | 0°45 | 0°34 | 16°15 | 24°58 | |
| T 20 | 6 15 20 | 4° 7'32 | 20°48 | 16°37 | 29°26 | 18° 7 | 10°15 | 17°45 | 26° 1 | 8° 4 | 20°32 | 0°45 | 0°31 | 16°21 | 24°55 | |
| F 21 | 6 19 17 | 5° 8'42 | 2♌45 | 18° 4 | 0♁42 | 18°40 | 10° 7 | 17°43 | 26° 2 | 8° 6 | 20°34 | 0°44 | 0°28 | 16°28 | 24°53 | |
| S 22 | 6 23 13 | 6° 9'52 | 14°37 | 19°32 | 1°57 | 19°12 | 9°59 | 17°40 | 26° 3 | 8° 9 | 20°36 | 0°44 | 0°24 | 16°35 | 24°51 | |
| S 23 | 6 27 10 | 7°11'01 | 26°27 | 21° 1 | 3°13 | 19°45 | 9°51 | 17°37 | 26° 4 | 8°11 | 20°38 | 0°43 | 0°21 | 16°41 | 24°48 | |
| M24 | 6 31 7 | 8°12'10 | 8♍18 | 22°30 | 4°28 | 20°17 | 9°43 | 17°33 | 26° 5 | 8°13 | 20°39 | 0°42 | 0°18 | 16°48 | 24°46 | |
| T 25 | 6 35 3 | 9°13'18 | 20°13 | 23°59 | 5°43 | 20°49 | 9°35 | 17°30 | 26° 7 | 8°16 | 20°41 | 0°41 | 0°15 | 16°55 | 24°44 | |
| W26 | 6 39 0 | 10°14'27 | 2♁18 | 25°30 | 6°59 | 21°21 | 9°27 | 17°27 | 26° 8 | 8°18 | 20°43 | 0°40 | 0°12 | 17° 1 | 24°42 | |
| T 27 | 6 42 56 | 11°15'35 | 14°35 | 27° 0 | 8°14 | 21°53 | 9°19 | 17°24 | 26° 9 | 8°20 | 20°45 | 0°D40 | 0° 9 | 17° 8 | 24°40 | |
| F 28 | 6 46 53 | 12°16'43 | 27°11 | 28°32 | 9°30 | 22°25 | 9°11 | 17°20 | 26°11 | 8°22 | 20°46 | 0°41 | 0° 5 | 17°15 | 24°38 | |
| S 29 | 6 50 49 | 13°17'50 | 10♌ 9 | 0♁ 3 | 10°45 | 22°57 | 9° 2 | 17°17 | 26°12 | 8°25 | 20°48 | 0°42 | 0° 2 | 17°21 | 24°36 | |
| S 30 | 6 54 46 | 14°18'57 | 23°32 | 1°36 | 12° 1 | 23°29 | 8°54 | 17°13 | 26°14 | 8°27 | 20°50 | 0°43 | 29♁59 | 17°28 | 24°34 | |
| M31 | 6 58 42 | 15♂20'04 | 7♁21 | 3♃ 9 | 13♃16 | 24♎ 0 | 8♁46 | 17♏ 9 | 26♁15 | 8♂29 | 20♌51 | 0♁44 | 29♁56 | 17♏35 | 24♂32 | |

Delta T = 25m48s

Julian Calendar

created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]