

SWISS EPHEMERIS for the year 1766

JANUARY 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|-------|--------|--------|--------|-------|------|--------|-------|-------|------|
| W 1 | 6 42 32 | 10♌41'25 | 2♎20 | 29♌12 | 27♋22 | 16♌30 | 21°R32 | 29°R33 | 21°Y15 | 2°R48 | 7♌42 | 29°D 2 | 0♌50 | 12♌9 | 4♌47 |
| T 2 | 6 46 29 | 11°42'34 | 14°30 | 29°37 | 28°27 | 17° 9 | 21♌28 | 29♌30 | 21°16 | 2♎47 | 7°45 | 29° 3 | 0°47 | 12°15 | 4°50 |
| F 3 | 6 50 25 | 12°43'44 | 26°54 | 29°52 | 29°32 | 17°47 | 21°23 | 29°27 | 21°16 | 2°46 | 7°47 | 29° 4 | 0°44 | 12°22 | 4°52 |
| S 4 | 6 54 22 | 13°44'54 | 9♌37 | 29°R56 | 0♌36 | 18°25 | 21°18 | 29°24 | 21°16 | 2°45 | 7°49 | 29°R 5 | 0°40 | 12°29 | 4°55 |
| S 5 | 6 58 19 | 14°46'03 | 22°44 | 29°49 | 1°41 | 19° 3 | 21°13 | 29°21 | 21°16 | 2°44 | 7°51 | 29° 5 | 0°37 | 12°35 | 4°58 |
| M 6 | 7 2 15 | 15°47'13 | 6♌17 | 29°30 | 2°44 | 19°42 | 21° 8 | 29°19 | 21°17 | 2°43 | 7°53 | 29° 3 | 0°34 | 12°42 | 5° 1 |
| T 7 | 7 6 12 | 16°48'23 | 20°19 | 28°59 | 3°48 | 20°20 | 21° 2 | 29°16 | 21°17 | 2°42 | 7°55 | 28°59 | 0°31 | 12°49 | 5° 4 |
| W 8 | 7 10 8 | 17°49'33 | 4♌49 | 28°17 | 4°51 | 20°58 | 20°57 | 29°14 | 21°17 | 2°41 | 7°57 | 28°54 | 0°28 | 12°56 | 5° 7 |
| T 9 | 7 14 5 | 18°50'43 | 19°43 | 27°24 | 5°54 | 21°37 | 20°51 | 29°12 | 21°18 | 2°40 | 7°59 | 28°47 | 0°24 | 13° 2 | 5°10 |
| F 10 | 7 18 1 | 19°51'53 | 4♌54 | 26°22 | 6°56 | 22°15 | 20°45 | 29° 9 | 21°18 | 2°39 | 8° 1 | 28°41 | 0°21 | 13° 9 | 5°13 |
| S 11 | 7 21 58 | 20°53'03 | 20°12 | 25°12 | 7°58 | 22°53 | 20°39 | 29° 7 | 21°19 | 2°37 | 8° 3 | 28°36 | 0°18 | 13°16 | 5°16 |
| S 12 | 7 25 54 | 21°54'12 | 5♋25 | 23°57 | 9° 0 | 23°31 | 20°33 | 29° 5 | 21°20 | 2°36 | 8° 6 | 28°32 | 0°15 | 13°22 | 5°19 |
| M13 | 7 29 51 | 22°55'20 | 20°25 | 22°39 | 10° 1 | 24°10 | 20°27 | 29° 3 | 21°20 | 2°35 | 8° 8 | 28°30 | 0°12 | 13°29 | 5°22 |
| T 14 | 7 33 48 | 23°56'28 | 5♌ 2 | 21°21 | 11° 2 | 24°48 | 20°20 | 29° 1 | 21°21 | 2°34 | 8°10 | 28°D30 | 0° 9 | 13°36 | 5°25 |
| W15 | 7 37 44 | 24°57'34 | 19°14 | 20° 4 | 12° 3 | 25°26 | 20°14 | 29° 0 | 21°22 | 2°33 | 8°12 | 28°31 | 0° 5 | 13°42 | 5°28 |
| T 16 | 7 41 41 | 25°58'40 | 2°Y57 | 18°52 | 13° 3 | 26° 4 | 20° 7 | 28°58 | 21°23 | 2°31 | 8°14 | 28°33 | 0° 2 | 13°49 | 5°31 |
| F 17 | 7 45 37 | 26°59'45 | 16°14 | 17°45 | 14° 3 | 26°42 | 20° 0 | 28°57 | 21°24 | 2°30 | 8°16 | 28°34 | 29°59 | 13°56 | 5°35 |
| S 18 | 7 49 34 | 28° 0'49 | 29° 7 | 16°45 | 15° 2 | 27°21 | 19°54 | 28°55 | 21°25 | 2°29 | 8°18 | 28°R35 | 29°56 | 14° 2 | 5°38 |
| S 19 | 7 53 30 | 29° 1'52 | 11♌40 | 15°54 | 16° 0 | 27°59 | 19°47 | 28°54 | 21°26 | 2°28 | 8°20 | 28°34 | 29°53 | 14° 9 | 5°41 |
| M20 | 7 57 27 | 0♋ 2'54 | 23°57 | 15°11 | 16°58 | 28°37 | 19°39 | 28°53 | 21°27 | 2°26 | 8°22 | 28°32 | 29°50 | 14°16 | 5°44 |
| T 21 | 8 1 23 | 1° 3'55 | 6♌ 2 | 14°38 | 17°56 | 29°15 | 19°32 | 28°52 | 21°28 | 2°25 | 8°24 | 28°28 | 29°46 | 14°22 | 5°48 |
| W22 | 8 5 20 | 2° 4'56 | 17°59 | 14°14 | 18°53 | 29°53 | 19°25 | 28°51 | 21°29 | 2°23 | 8°26 | 28°24 | 29°43 | 14°29 | 5°51 |
| T 23 | 8 9 17 | 3° 5'55 | 29°51 | 13°59 | 19°49 | 0♌31 | 19°18 | 28°50 | 21°30 | 2°22 | 8°28 | 28°19 | 29°40 | 14°36 | 5°55 |
| F 24 | 8 13 13 | 4° 6'53 | 11♌42 | 13°D52 | 20°45 | 1° 9 | 19°10 | 28°50 | 21°31 | 2°21 | 8°30 | 28°15 | 29°37 | 14°43 | 5°58 |
| S 25 | 8 17 10 | 5° 7'50 | 23°32 | 13°53 | 21°40 | 1°48 | 19° 3 | 28°49 | 21°33 | 2°19 | 8°32 | 28°11 | 29°34 | 14°49 | 6° 2 |
| S 26 | 8 21 6 | 6° 8'46 | 5♌24 | 14° 2 | 22°35 | 2°26 | 18°55 | 28°48 | 21°34 | 2°18 | 8°34 | 28° 8 | 29°30 | 14°56 | 6° 5 |
| M27 | 8 25 3 | 7° 9'41 | 17°21 | 14°18 | 23°29 | 3° 4 | 18°48 | 28°48 | 21°35 | 2°16 | 8°35 | 28° 7 | 29°27 | 15° 3 | 6° 9 |
| T 28 | 8 28 59 | 8°10'35 | 29°23 | 14°40 | 24°22 | 3°42 | 18°40 | 28°48 | 21°37 | 2°15 | 8°37 | 28°D 6 | 29°24 | 15° 9 | 6°12 |
| W29 | 8 32 56 | 9°11'28 | 11♎34 | 15° 8 | 25°15 | 4°20 | 18°32 | 28°48 | 21°38 | 2°13 | 8°39 | 28° 7 | 29°21 | 15°16 | 6°16 |
| T 30 | 8 36 52 | 10°12'20 | 23°54 | 15°41 | 26° 6 | 4°58 | 18°24 | 28°D48 | 21°40 | 2°12 | 8°41 | 28° 8 | 29°18 | 15°23 | 6°19 |
| F 31 | 8 40 49 | 11°13'11 | 6♌28 | 16♌20 | 26♌57 | 5♌36 | 18♌17 | 28♌48 | 21°Y41 | 2♎10 | 8♌43 | 28° 9 | 29°15 | 15°29 | 6♌23 |

Delta T = 15.35 sec.

Greg. Calendar

FEBRUARY 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|--------|-------|--------|-------|--------|-------|--------|-------|------|--------|-------|-------|------|
| S 1 | 8 44 46 | 12°14'01 | 19♌16 | 17♌ 3 | 27♌48 | 6♌14 | 18°R 9 | 28♌48 | 21°Y43 | 2°R 9 | 8♌45 | 28°11 | 29°11 | 15°36 | 6♌27 |
| S 2 | 8 48 42 | 13°14'50 | 2♌23 | 17°50 | 28°37 | 6°52 | 18♌ 1 | 28°48 | 21°45 | 2♎ 7 | 8°47 | 28°12 | 29° 8 | 15°43 | 6°30 |
| M 3 | 8 52 39 | 14°15'39 | 15°51 | 18°40 | 29°25 | 7°30 | 17°53 | 28°49 | 21°46 | 2° 6 | 8°48 | 28°R12 | 29° 5 | 15°49 | 6°34 |
| T 4 | 8 56 35 | 15°16'26 | 29°42 | 19°34 | 0°Y13 | 8° 8 | 17°45 | 28°49 | 21°48 | 2° 4 | 8°50 | 28°11 | 29° 2 | 15°56 | 6°38 |
| W 5 | 9 0 32 | 16°17'13 | 13♌55 | 20°32 | 1° 0 | 8°46 | 17°37 | 28°50 | 21°50 | 2° 2 | 8°52 | 28°10 | 28°59 | 16° 3 | 6°41 |
| T 6 | 9 4 28 | 17°17'59 | 28°28 | 21°32 | 1°46 | 9°24 | 17°29 | 28°51 | 21°52 | 2° 1 | 8°54 | 28° 9 | 28°56 | 16° 9 | 6°45 |
| F 7 | 9 8 25 | 18°18'43 | 13♌18 | 22°35 | 2°30 | 10° 2 | 17°21 | 28°52 | 21°54 | 1°59 | 8°55 | 28° 8 | 28°52 | 16°16 | 6°49 |
| S 8 | 9 12 21 | 19°19'27 | 28°18 | 23°40 | 3°14 | 10°40 | 17°13 | 28°53 | 21°56 | 1°58 | 8°57 | 28° 7 | 28°49 | 16°23 | 6°53 |
| S 9 | 9 16 18 | 20°20'09 | 13♋20 | 24°47 | 3°57 | 11°18 | 17° 5 | 28°54 | 21°58 | 1°56 | 8°59 | 28° 6 | 28°46 | 16°29 | 6°56 |
| M10 | 9 20 15 | 21°20'49 | 28°15 | 25°57 | 4°38 | 11°56 | 16°57 | 28°55 | 22° 0 | 1°54 | 9° 1 | 28°D 6 | 28°43 | 16°36 | 7° 0 |
| T 11 | 9 24 11 | 22°21'28 | 12♌54 | 27° 8 | 5°19 | 12°34 | 16°49 | 28°56 | 22° 2 | 1°53 | 9° 2 | 28° 6 | 28°40 | 16°43 | 7° 4 |
| W12 | 9 28 8 | 23°22'06 | 27°12 | 28°21 | 5°58 | 13°11 | 16°41 | 28°58 | 22° 4 | 1°51 | 9° 4 | 28° 7 | 28°36 | 16°49 | 7° 8 |
| T 13 | 9 32 4 | 24°22'42 | 11°Y 5 | 29°36 | 6°36 | 13°49 | 16°34 | 28°59 | 22° 6 | 1°49 | 9° 6 | 28° 7 | 28°33 | 16°56 | 7°12 |
| F 14 | 9 36 1 | 25°23'16 | 24°32 | 0♋53 | 7°12 | 14°27 | 16°26 | 29° 1 | 22° 8 | 1°48 | 9° 7 | 28° 7 | 28°30 | 17° 3 | 7°16 |
| S 15 | 9 39 57 | 26°23'48 | 7♌33 | 2°11 | 7°47 | 15° 5 | 16°18 | 29° 3 | 22°11 | 1°46 | 9° 9 | 28° 8 | 28°27 | 17°10 | 7°19 |
| S 16 | 9 43 54 | 27°24'19 | 20°11 | 3°30 | 8°21 | 15°42 | 16°10 | 29° 5 | 22°13 | 1°44 | 9°10 | 28° 8 | 28°24 | 17°16 | 7°23 |
| M17 | 9 47 50 | 28°24'47 | 2♌31 | 4°51 | 8°54 | 16°20 | 16° 3 | 29° 7 | 22°15 | 1°43 | 9°12 | 28° 8 | 28°21 | 17°23 | 7°27 |
| T 18 | 9 51 47 | 29°25'14 | 14°37 | 6°13 | 9°24 | 16°58 | 15°55 | 29° 9 | 22°17 | 1°41 | 9°13 | 28° 8 | 28°17 | 17°30 | 7°31 |
| W19 | 9 55 44 | 0♌25'39 | 26°32 | 7°36 | 9°53 | 17°36 | 15°48 | 29°11 | 22°20 | 1°39 | 9°15 | 28° 8 | 28°14 | 17°36 | 7°35 |
| T 20 | 9 59 40 | 1°26'02 | 8♌22 | 9° 1 | 10°21 | 18°13 | 15°40 | 29°13 | 22°22 | 1°38 | 9°16 | 28° 8 | 28°11 | 17°43 | 7°39 |
| F 21 | 10 3 37 | 2°26'23 | 20°11 | 10°27 | 10°47 | 18°51 | 15°33 | 29°16 | 22°25 | 1°36 | 9°18 | 28° 9 | 28° 8 | 17°50 | 7°43 |
| S 22 | 10 7 33 | 3°26'42 | 2♌ 3 | 11°54 | 11°11 | 19°28 | 15°26 | 29°18 | 22°27 | 1°34 | 9°19 | 28° 9 | 28° 5 | 17°56 | 7°47 |
| S 23 | 10 11 30 | 4°27'00 | 14° 0 | 13°22 | 11°33 | 20° 6 | 15°18 | 29°21 | 22°30 | 1°33 | 9°20 | 28°10 | 28° 2 | 18° 3 | 7°51 |
| M24 | 10 15 26 | 5°27'15 | 26° 5 | 14°51 | 11°53 | 20°44 | 15°11 | 29°24 | 22°32 | 1°31 | 9°22 | 28°R10 | 27°58 | 18°10 | 7°55 |
| T 25 | 10 19 23 | 6°27'29 | 8♎20 | 16°22 | 12°11 | 21°21 | 15° 4 | 29°27 | 22°35 | 1°29 | 9°23 | 28°10 | 27°55 | 18°16 | 7°58 |
| W26 | 10 23 19 | 7°27'40 | 20°46 | 17°53 | 12°27 | 21°59 | 14°57 | 29°30 | 22°37 | 1°28 | 9°24 | 28° 9 | 27°52 | 18°23 | 8° 2 |
| T 27 | 10 27 16 | 8°27'51 | 3♌25 | 19°26 | 12°41 | 22°36 | 14°51 | 29°33 | 22°40 | 1°26 | 9°26 | 28° 8 | 27°49 | 18°30 | 8° 6 |
| F 28 | 10 31 13 | 9♌27'59 | 16♌17 | 20°59 | 12°Y53 | 23♌13 | 14♌44 | 29♌36 | 22°Y43 | 1♎24 | 9♌27 | 28° 7 | 27°46 | 18°36 | 8♌10 |

Delta T = 15.35 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright AstroDienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1766

MARCH 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|------|----------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|----------------------|---------------------|---------------------|---------------------|---|---|---|---|---|---|---|--|
| S 1 | 10 35 9 | 10 ^h 28'06 | 29 ^h 22' | 22 ^h 34' | 13 ^h 17' | 23 ^h 27' | 14 ^h 08' | 29 ^h 39' | 22 ^h 46' | 1 ^h 23' | 9 ^h 28' | 28 ^h 05' | 27 ^h 42' | 18 ^h 43' | 8 ^h 14' | | | | | | | | |
| S 2 | 10 39 6 | 11 ^h 28'11 | 12 ^h 42' | 24 ^h 10' | 13 ^h 10' | 24 ^h 28' | 14 ^h 31' | 29 ^h 42' | 22 ^h 48' | 1 ^h 21' | 9 ^h 29' | 28 ^h 03' | 27 ^h 39' | 18 ^h 50' | 8 ^h 18' | | | | | | | | |
| M 3 | 10 43 2 | 12 ^h 28'14 | 26 ^h 16' | 25 ^h 47' | 13 ^h 15' | 25 ^h 06' | 14 ^h 25' | 29 ^h 46' | 22 ^h 51' | 1 ^h 19' | 9 ^h 31' | 28 ^h 02' | 27 ^h 36' | 18 ^h 56' | 8 ^h 22' | | | | | | | | |
| T 4 | 10 46 59 | 13 ^h 28'16 | 10 ^h 27' | 27 ^h 25' | 13 ^h 18' | 25 ^h 43' | 14 ^h 18' | 29 ^h 49' | 22 ^h 54' | 1 ^h 18' | 9 ^h 32' | 28 ^h 02' | 27 ^h 33' | 19 ^h 03' | 8 ^h 26' | | | | | | | | |
| W 5 | 10 50 55 | 14 ^h 28'17 | 24 ^h 07' | 29 ^h 04' | 13 ^h 19' | 26 ^h 20' | 14 ^h 12' | 29 ^h 53' | 22 ^h 57' | 1 ^h 16' | 9 ^h 33' | 28 ^h 02' | 27 ^h 30' | 19 ^h 10' | 8 ^h 30' | | | | | | | | |
| T 6 | 10 54 52 | 15 ^h 28'16 | 8 ^h 22' | 0 ^h 44' | 13 ^h 16' | 26 ^h 57' | 14 ^h 06' | 29 ^h 57' | 23 ^h 00' | 1 ^h 14' | 9 ^h 34' | 28 ^h 03' | 27 ^h 27' | 19 ^h 16' | 8 ^h 34' | | | | | | | | |
| F 7 | 10 58 48 | 16 ^h 28'13 | 22 ^h 49' | 2 ^h 26' | 13 ^h 12' | 27 ^h 35' | 14 ^h 01' | 0 ^h 00' | 23 ^h 03' | 1 ^h 13' | 9 ^h 35' | 28 ^h 04' | 27 ^h 23' | 19 ^h 23' | 8 ^h 38' | | | | | | | | |
| S 8 | 11 2 45 | 17 ^h 28'08 | 7 ^h 22' | 4 ^h 08' | 13 ^h 05' | 28 ^h 12' | 13 ^h 55' | 0 ^h 04' | 23 ^h 05' | 1 ^h 11' | 9 ^h 36' | 28 ^h 05' | 27 ^h 20' | 19 ^h 30' | 8 ^h 41' | | | | | | | | |
| S 9 | 11 6 42 | 18 ^h 28'02 | 21 ^h 58' | 5 ^h 52' | 12 ^h 55' | 28 ^h 49' | 13 ^h 50' | 0 ^h 08' | 23 ^h 08' | 1 ^h 10' | 9 ^h 37' | 28 ^h 06' | 27 ^h 17' | 19 ^h 36' | 8 ^h 45' | | | | | | | | |
| M10 | 11 10 38 | 19 ^h 27'54 | 6 ^h 31' | 7 ^h 37' | 12 ^h 43' | 29 ^h 26' | 13 ^h 44' | 0 ^h 13' | 23 ^h 11' | 1 ^h 08' | 9 ^h 38' | 28 ^h 06' | 27 ^h 14' | 19 ^h 43' | 8 ^h 49' | | | | | | | | |
| T 11 | 11 14 35 | 20 ^h 27'44 | 20 ^h 55' | 9 ^h 23' | 12 ^h 29' | 0 ^h 23' | 13 ^h 39' | 0 ^h 17' | 23 ^h 14' | 1 ^h 07' | 9 ^h 39' | 28 ^h 05' | 27 ^h 11' | 19 ^h 50' | 8 ^h 53' | | | | | | | | |
| W12 | 11 18 31 | 21 ^h 27'32 | 5 ^h 04' | 11 ^h 10' | 12 ^h 12' | 0 ^h 40' | 13 ^h 34' | 0 ^h 21' | 23 ^h 17' | 1 ^h 05' | 9 ^h 40' | 28 ^h 02' | 27 ^h 07' | 19 ^h 56' | 8 ^h 57' | | | | | | | | |
| T 13 | 11 22 28 | 22 ^h 27'18 | 18 ^h 54' | 12 ^h 58' | 11 ^h 53' | 1 ^h 17' | 13 ^h 29' | 0 ^h 25' | 23 ^h 20' | 1 ^h 03' | 9 ^h 41' | 27 ^h 59' | 27 ^h 04' | 20 ^h 03' | 9 ^h 01' | | | | | | | | |
| F 14 | 11 26 24 | 23 ^h 27'01 | 2 ^h 22' | 14 ^h 48' | 11 ^h 31' | 1 ^h 54' | 13 ^h 24' | 0 ^h 30' | 23 ^h 24' | 1 ^h 02' | 9 ^h 42' | 27 ^h 55' | 27 ^h 01' | 20 ^h 10' | 9 ^h 05' | | | | | | | | |
| S 15 | 11 30 21 | 24 ^h 26'43 | 15 ^h 27' | 16 ^h 39' | 11 ^h 07' | 2 ^h 31' | 13 ^h 20' | 0 ^h 34' | 23 ^h 27' | 1 ^h 00' | 9 ^h 43' | 27 ^h 51' | 26 ^h 58' | 20 ^h 16' | 9 ^h 08' | | | | | | | | |
| S 16 | 11 34 17 | 25 ^h 26'22 | 28 ^h 10' | 18 ^h 31' | 10 ^h 41' | 3 ^h 08' | 13 ^h 16' | 0 ^h 39' | 23 ^h 30' | 0 ^h 59' | 9 ^h 44' | 27 ^h 47' | 26 ^h 55' | 20 ^h 23' | 9 ^h 12' | | | | | | | | |
| M17 | 11 38 14 | 26 ^h 25'59 | 10 ^h 33' | 20 ^h 24' | 10 ^h 13' | 3 ^h 45' | 13 ^h 11' | 0 ^h 44' | 23 ^h 33' | 0 ^h 57' | 9 ^h 44' | 27 ^h 45' | 26 ^h 52' | 20 ^h 30' | 9 ^h 16' | | | | | | | | |
| T 18 | 11 42 11 | 27 ^h 25'34 | 22 ^h 41' | 22 ^h 19' | 9 ^h 43' | 4 ^h 21' | 13 ^h 07' | 0 ^h 49' | 23 ^h 36' | 0 ^h 56' | 9 ^h 45' | 27 ^h 044' | 26 ^h 48' | 20 ^h 36' | 9 ^h 20' | | | | | | | | |
| W19 | 11 46 7 | 28 ^h 25'07 | 4 ^h 38' | 24 ^h 14' | 9 ^h 11' | 4 ^h 58' | 13 ^h 04' | 0 ^h 53' | 23 ^h 39' | 0 ^h 54' | 9 ^h 46' | 27 ^h 44' | 26 ^h 45' | 20 ^h 43' | 9 ^h 23' | | | | | | | | |
| T 20 | 11 50 4 | 29 ^h 24'37 | 16 ^h 28' | 26 ^h 11' | 8 ^h 38' | 5 ^h 35' | 13 ^h 00' | 0 ^h 58' | 23 ^h 42' | 0 ^h 53' | 9 ^h 46' | 27 ^h 45' | 26 ^h 42' | 20 ^h 50' | 9 ^h 27' | | | | | | | | |
| F 21 | 11 54 0 | 0 ^h 24'05 | 28 ^h 18' | 28 ^h 09' | 8 ^h 03' | 6 ^h 11' | 12 ^h 56' | 1 ^h 03' | 23 ^h 46' | 0 ^h 52' | 9 ^h 47' | 27 ^h 47' | 26 ^h 39' | 20 ^h 56' | 9 ^h 31' | | | | | | | | |
| S 22 | 11 57 57 | 1 ^h 23'31 | 10 ^h 11' | 0 ^h 08' | 7 ^h 27' | 6 ^h 48' | 12 ^h 53' | 1 ^h 09' | 23 ^h 49' | 0 ^h 50' | 9 ^h 48' | 27 ^h 48' | 26 ^h 36' | 21 ^h 03' | 9 ^h 35' | | | | | | | | |
| S 23 | 12 1 53 | 2 ^h 22'54 | 22 ^h 12' | 2 ^h 08' | 6 ^h 50' | 7 ^h 24' | 12 ^h 50' | 1 ^h 14' | 23 ^h 52' | 0 ^h 49' | 9 ^h 48' | 27 ^h 050' | 26 ^h 33' | 21 ^h 10' | 9 ^h 38' | | | | | | | | |
| M24 | 12 5 50 | 3 ^h 22'15 | 4 ^h 22' | 4 ^h 09' | 6 ^h 13' | 8 ^h 00' | 12 ^h 47' | 1 ^h 19' | 23 ^h 55' | 0 ^h 47' | 9 ^h 49' | 27 ^h 49' | 26 ^h 29' | 21 ^h 16' | 9 ^h 42' | | | | | | | | |
| T 25 | 12 9 46 | 4 ^h 21'34 | 16 ^h 52' | 6 ^h 11' | 5 ^h 35' | 8 ^h 37' | 12 ^h 44' | 1 ^h 24' | 23 ^h 59' | 0 ^h 46' | 9 ^h 50' | 27 ^h 48' | 26 ^h 26' | 21 ^h 23' | 9 ^h 46' | | | | | | | | |
| W26 | 12 13 43 | 5 ^h 20'51 | 29 ^h 35' | 8 ^h 13' | 4 ^h 57' | 9 ^h 13' | 12 ^h 42' | 1 ^h 30' | 24 ^h 02' | 0 ^h 45' | 9 ^h 50' | 27 ^h 44' | 26 ^h 23' | 21 ^h 30' | 9 ^h 49' | | | | | | | | |
| T 27 | 12 17 40 | 6 ^h 20'05 | 12 ^h 35' | 10 ^h 16' | 4 ^h 20' | 9 ^h 49' | 12 ^h 39' | 1 ^h 35' | 24 ^h 05' | 0 ^h 43' | 9 ^h 51' | 27 ^h 39' | 26 ^h 20' | 21 ^h 36' | 9 ^h 53' | | | | | | | | |
| F 28 | 12 21 36 | 7 ^h 19'18 | 25 ^h 51' | 12 ^h 19' | 3 ^h 42' | 10 ^h 25' | 12 ^h 37' | 1 ^h 41' | 24 ^h 09' | 0 ^h 42' | 9 ^h 51' | 27 ^h 33' | 26 ^h 17' | 21 ^h 43' | 9 ^h 56' | | | | | | | | |
| S 29 | 12 25 33 | 8 ^h 18'29 | 9 ^h 21' | 14 ^h 23' | 3 ^h 05' | 11 ^h 02' | 12 ^h 35' | 1 ^h 46' | 24 ^h 12' | 0 ^h 41' | 9 ^h 51' | 27 ^h 26' | 26 ^h 13' | 21 ^h 50' | 10 ^h 00' | | | | | | | | |
| S 30 | 12 29 29 | 9 ^h 17'37 | 23 ^h 04' | 16 ^h 26' | 2 ^h 29' | 11 ^h 38' | 12 ^h 33' | 1 ^h 52' | 24 ^h 15' | 0 ^h 40' | 9 ^h 52' | 27 ^h 19' | 26 ^h 10' | 21 ^h 57' | 10 ^h 03' | | | | | | | | |
| M31 | 12 33 26 | 10 ^h 16'44 | 6 ^h 25' | 18 ^h 29' | 1 ^h 54' | 12 ^h 31' | 12 ^h 31' | 1 ^h 58' | 24 ^h 19' | 0 ^h 38' | 9 ^h 52' | 27 ^h 14' | 26 ^h 07' | 22 ^h 03' | 10 ^h 07' | | | | | | | | |

Delta T = 15.34 sec.

Greg. Calendar

APRIL 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|------|----------|-----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|--------------------|---------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---|---|---|---|---|---|---|--|
| T 1 | 12 37 22 | 11 ^h 15'50 | 20 ^h 27' | 20 ^h 31' | 1 ^h 21' | 12 ^h 35' | 12 ^h 03' | 2 ^h 11' | 24 ^h 22' | 0 ^h 37' | 9 ^h 52' | 27 ^h 01' | 26 ^h 04' | 22 ^h 10' | 10 ^h 10' | | | | | | | | |
| W 2 | 12 41 19 | 12 ^h 14'53 | 5 ^h 21' | 22 ^h 32' | 0 ^h 48' | 13 ^h 25' | 12 ^h 09' | 2 ^h 10' | 24 ^h 25' | 0 ^h 36' | 9 ^h 53' | 27 ^h 00' | 26 ^h 01' | 22 ^h 17' | 10 ^h 14' | | | | | | | | |
| T 3 | 12 45 15 | 13 ^h 13'55 | 19 ^h 09' | 24 ^h 31' | 0 ^h 18' | 14 ^h 01' | 12 ^h 28' | 2 ^h 16' | 24 ^h 29' | 0 ^h 35' | 9 ^h 53' | 27 ^h 00' | 25 ^h 58' | 22 ^h 23' | 10 ^h 17' | | | | | | | | |
| F 4 | 12 49 12 | 14 ^h 12'55 | 3 ^h 21' | 26 ^h 29' | 29 ^h 49' | 14 ^h 37' | 12 ^h 27' | 2 ^h 22' | 24 ^h 32' | 0 ^h 34' | 9 ^h 53' | 27 ^h 00' | 25 ^h 54' | 22 ^h 30' | 10 ^h 21' | | | | | | | | |
| S 5 | 12 53 9 | 15 ^h 11'54 | 17 ^h 30' | 28 ^h 25' | 29 ^h 23' | 15 ^h 13' | 12 ^h 26' | 2 ^h 28' | 24 ^h 36' | 0 ^h 33' | 9 ^h 54' | 27 ^h 10' | 25 ^h 51' | 22 ^h 37' | 10 ^h 24' | | | | | | | | |
| S 6 | 12 57 5 | 16 ^h 10'50 | 1 ^h 40' | 0 ^h 18' | 28 ^h 58' | 15 ^h 48' | 12 ^h 26' | 2 ^h 34' | 24 ^h 39' | 0 ^h 32' | 9 ^h 54' | 27 ^h 01' | 25 ^h 48' | 22 ^h 43' | 10 ^h 27' | | | | | | | | |
| M 7 | 13 1 2 | 17 ^h 09'45 | 15 ^h 45' | 2 ^h 08' | 28 ^h 36' | 16 ^h 24' | 12 ^h 25' | 2 ^h 40' | 24 ^h 42' | 0 ^h 31' | 9 ^h 54' | 27 ^h 00' | 25 ^h 45' | 22 ^h 50' | 10 ^h 31' | | | | | | | | |
| T 8 | 13 4 58 | 18 ^h 08'37 | 29 ^h 44' | 3 ^h 55' | 28 ^h 16' | 16 ^h 59' | 12 ^h 025' | 2 ^h 46' | 24 ^h 46' | 0 ^h 30' | 9 ^h 54' | 27 ^h 00' | 25 ^h 42' | 22 ^h 57' | 10 ^h 34' | | | | | | | | |
| W 9 | 13 8 55 | 19 ^h 07'28 | 13 ^h 32' | 5 ^h 39' | 27 ^h 58' | 17 ^h 34' | 12 ^h 25' | 2 ^h 53' | 24 ^h 49' | 0 ^h 29' | 9 ^h 54' | 26 ^h 59' | 25 ^h 39' | 23 ^h 03' | 10 ^h 37' | | | | | | | | |
| T 10 | 13 12 51 | 20 ^h 06'17 | 27 ^h 06' | 7 ^h 19' | 27 ^h 43' | 18 ^h 09' | 12 ^h 25' | 2 ^h 59' | 24 ^h 53' | 0 ^h 28' | 9 ^h 54' | 26 ^h 51' | 25 ^h 35' | 23 ^h 10' | 10 ^h 40' | | | | | | | | |
| F 11 | 13 16 48 | 21 ^h 05'04 | 10 ^h 23' | 8 ^h 54' | 27 ^h 30' | 18 ^h 45' | 12 ^h 26' | 3 ^h 05' | 24 ^h 56' | 0 ^h 27 | | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1766

MAY 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|-------|-------|-------|------|-------|-------|-------|--------|-------|-------|-------|
| T 1 | 14 35 39 | 10♁33'27 | 0♁10 | 22°R47 | 1♁ 5 | 0♁ 4 | 13♁12 | 5♁24 | 26♁ 5 | 0°R14 | 9°R48 | 24°R54 | 24♁29 | 25♁30 | 11♁40 |
| F 2 | 14 39 35 | 11°31'33 | 14°17 | 22♁33 | 1°35 | 0°36 | 13°16 | 5°32 | 26° 8 | 0♁14 | 9♁48 | 24°D54 | 24°25 | 25°36 | 11°42 |
| S 3 | 14 43 32 | 12°29'38 | 28°16 | 22°14 | 2° 7 | 1° 9 | 13°21 | 5°39 | 26°11 | 0°13 | 9°47 | 24°R54 | 24°22 | 25°43 | 11°44 |
| S 4 | 14 47 29 | 13°27'42 | 12♁ 7 | 21°51 | 2°40 | 1°41 | 13°25 | 5°46 | 26°15 | 0°13 | 9°46 | 24♁53 | 24°19 | 25°50 | 11°47 |
| M 5 | 14 51 25 | 14°25'44 | 25°50 | 21°25 | 3°15 | 2°13 | 13°30 | 5°54 | 26°18 | 0°13 | 9°46 | 24°50 | 24°16 | 25°56 | 11°49 |
| T 6 | 14 55 22 | 15°23'45 | 9♁23 | 20°55 | 3°50 | 2°45 | 13°35 | 6° 1 | 26°21 | 0°13 | 9°45 | 24°44 | 24°13 | 26° 3 | 11°51 |
| W 7 | 14 59 18 | 16°21'45 | 22°47 | 20°23 | 4°27 | 3°17 | 13°40 | 6° 9 | 26°25 | 0°13 | 9°44 | 24°36 | 24°10 | 26°10 | 11°53 |
| T 8 | 15 3 15 | 17°19'43 | 5♁58 | 19°50 | 5° 6 | 3°48 | 13°45 | 6°16 | 26°28 | 0°12 | 9°44 | 24°25 | 24° 6 | 26°16 | 11°55 |
| F 9 | 15 7 11 | 18°17'39 | 18°57 | 19°14 | 5°45 | 4°20 | 13°50 | 6°24 | 26°31 | 0°12 | 9°43 | 24°12 | 24° 3 | 26°23 | 11°57 |
| S 10 | 15 11 8 | 19°15'34 | 1♁42 | 18°39 | 6°25 | 4°51 | 13°55 | 6°31 | 26°34 | 0°12 | 9°42 | 23°59 | 24° 0 | 26°30 | 11°59 |
| S 11 | 15 15 4 | 20°13'28 | 14°12 | 18° 3 | 7° 7 | 5°22 | 14° 1 | 6°39 | 26°38 | 0°D12 | 9°41 | 23°47 | 23°57 | 26°36 | 12° 1 |
| M 12 | 15 19 1 | 21°11'20 | 26°28 | 17°28 | 7°49 | 5°53 | 14° 7 | 6°47 | 26°41 | 0°12 | 9°40 | 23°36 | 23°54 | 26°43 | 12° 3 |
| T 13 | 15 22 58 | 22° 9'10 | 8♁32 | 16°54 | 8°33 | 6°23 | 14°13 | 6°54 | 26°44 | 0°12 | 9°39 | 23°28 | 23°50 | 26°50 | 12° 5 |
| W 14 | 15 26 54 | 23° 6'59 | 20°27 | 16°21 | 9°17 | 6°54 | 14°19 | 7° 2 | 26°47 | 0°12 | 9°39 | 23°22 | 23°47 | 26°56 | 12° 7 |
| T 15 | 15 30 51 | 24° 4'46 | 2♁16 | 15°51 | 10° 2 | 7°24 | 14°25 | 7°10 | 26°50 | 0°13 | 9°38 | 23°19 | 23°44 | 27° 3 | 12° 9 |
| F 16 | 15 34 47 | 25° 2'31 | 14° 4 | 15°24 | 10°48 | 7°54 | 14°31 | 7°17 | 26°53 | 0°13 | 9°37 | 23°18 | 23°41 | 27°10 | 12°10 |
| S 17 | 15 38 44 | 26° 0'15 | 25°57 | 15° 0 | 11°35 | 8°23 | 14°37 | 7°25 | 26°57 | 0°13 | 9°36 | 23°18 | 23°38 | 27°16 | 12°12 |
| S 18 | 15 42 40 | 26°57'57 | 8♁ 0 | 14°39 | 12°22 | 8°53 | 14°44 | 7°33 | 27° 0 | 0°13 | 9°35 | 23°18 | 23°35 | 27°23 | 12°14 |
| M 19 | 15 46 37 | 27°55'38 | 20°17 | 14°23 | 13°11 | 9°22 | 14°51 | 7°40 | 27° 3 | 0°13 | 9°34 | 23°16 | 23°31 | 27°30 | 12°15 |
| T 20 | 15 50 33 | 28°53'17 | 2♁55 | 14°10 | 14° 0 | 9°51 | 14°58 | 7°48 | 27° 6 | 0°14 | 9°33 | 23°13 | 23°28 | 27°36 | 12°17 |
| W 21 | 15 54 30 | 29°50'54 | 15°57 | 14° 1 | 14°50 | 10°20 | 15° 5 | 7°56 | 27° 9 | 0°14 | 9°32 | 23° 7 | 23°25 | 27°43 | 12°18 |
| T 22 | 15 58 27 | 0♁48'30 | 29°25 | 13°D57 | 15°40 | 10°48 | 15°12 | 8° 4 | 27°12 | 0°14 | 9°31 | 22°58 | 23°22 | 27°50 | 12°19 |
| F 23 | 16 2 23 | 1°46'05 | 13♁18 | 13°58 | 16°31 | 11°16 | 15°19 | 8°11 | 27°15 | 0°15 | 9°29 | 22°48 | 23°19 | 27°56 | 12°21 |
| S 24 | 16 6 20 | 2°43'38 | 27°34 | 14° 2 | 17°23 | 11°44 | 15°26 | 8°19 | 27°18 | 0°15 | 9°28 | 22°37 | 23°16 | 28° 3 | 12°22 |
| S 25 | 16 10 16 | 3°41'11 | 12♁ 8 | 14°12 | 18°15 | 12°12 | 15°34 | 8°27 | 27°21 | 0°15 | 9°27 | 22°26 | 23°12 | 28°10 | 12°23 |
| M 26 | 16 14 13 | 4°38'42 | 26°51 | 14°26 | 19° 8 | 12°39 | 15°41 | 8°35 | 27°24 | 0°16 | 9°26 | 22°16 | 23° 9 | 28°16 | 12°24 |
| T 27 | 16 18 9 | 5°36'12 | 11♁36 | 14°44 | 20° 2 | 13° 6 | 15°49 | 8°43 | 27°27 | 0°16 | 9°25 | 22° 9 | 23° 6 | 28°23 | 12°26 |
| W 28 | 16 22 6 | 6°33'42 | 26°17 | 15° 7 | 20°56 | 13°33 | 15°57 | 8°50 | 27°29 | 0°17 | 9°24 | 22° 5 | 23° 3 | 28°30 | 12°27 |
| T 29 | 16 26 3 | 7°31'10 | 10♁46 | 15°34 | 21°51 | 14° 0 | 16° 5 | 8°58 | 27°32 | 0°17 | 9°23 | 22° 3 | 23° 0 | 28°36 | 12°28 |
| F 30 | 16 29 59 | 8°28'38 | 25° 2 | 16° 5 | 22°46 | 14°26 | 16°13 | 9° 6 | 27°35 | 0°18 | 9°21 | 22°D 3 | 22°56 | 28°43 | 12°29 |
| S 31 | 16 33 56 | 9♁26'05 | 9♁ 2 | 16♁40 | 23♁41 | 14♁52 | 16♁21 | 9♁14 | 27♁38 | 0♁19 | 9♁20 | 22°R 3 | 22♁53 | 28♁50 | 12♁29 |

Delta T = 15.34 sec.

Greg. Calendar

JUNE 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|------|-------|--------|-------|-------|--------|
| S 1 | 16 37 52 | 10♁23'31 | 22♁46 | 17♁20 | 24♁38 | 15♁17 | 16♁30 | 9♁22 | 27♁41 | 0♁19 | 9°R19 | 22°R 2 | 22♁50 | 28♁56 | 12♁30 |
| M 2 | 16 41 49 | 11°20'57 | 6♁16 | 18° 3 | 25°34 | 15°42 | 16°38 | 9°29 | 27°43 | 0°20 | 9♁18 | 22♁ 0 | 22°47 | 29° 3 | 12°31 |
| T 3 | 16 45 45 | 12°18'22 | 19°32 | 18°50 | 26°31 | 16° 7 | 16°47 | 9°37 | 27°46 | 0°21 | 9°16 | 21°55 | 22°44 | 29°10 | 12°32 |
| W 4 | 16 49 42 | 13°15'46 | 2♁35 | 19°41 | 27°28 | 16°31 | 16°55 | 9°45 | 27°49 | 0°21 | 9°15 | 21°48 | 22°41 | 29°16 | 12°33 |
| T 5 | 16 53 38 | 14°13'10 | 15°26 | 20°35 | 28°26 | 16°55 | 17° 4 | 9°53 | 27°51 | 0°22 | 9°14 | 21°38 | 22°37 | 29°23 | 12°33 |
| F 6 | 16 57 35 | 15°10'33 | 28° 5 | 21°34 | 29°24 | 17°19 | 17°13 | 10° 0 | 27°54 | 0°23 | 9°12 | 21°27 | 22°34 | 29°30 | 12°34 |
| S 7 | 17 1 32 | 16° 7'56 | 10♁33 | 22°35 | 0♁23 | 17°42 | 17°22 | 10° 8 | 27°56 | 0°24 | 9°11 | 21°15 | 22°31 | 29°36 | 12°34 |
| S 8 | 17 5 28 | 17° 5'18 | 22°49 | 23°40 | 1°22 | 18° 5 | 17°31 | 10°16 | 27°59 | 0°25 | 9°10 | 21° 4 | 22°28 | 29°43 | 12°35 |
| M 9 | 17 9 25 | 18° 2'39 | 4♁56 | 24°49 | 2°21 | 18°27 | 17°41 | 10°24 | 28° 1 | 0°26 | 9° 8 | 20°55 | 22°25 | 29°50 | 12°35 |
| T 10 | 17 13 21 | 18°59'59 | 16°53 | 26° 0 | 3°21 | 18°49 | 17°50 | 10°32 | 28° 4 | 0°27 | 9° 7 | 20°47 | 22°22 | 29°56 | 12°35 |
| W 11 | 17 17 18 | 19°57'18 | 28°44 | 27°16 | 4°21 | 19°11 | 17°59 | 10°39 | 28° 6 | 0°28 | 9° 5 | 20°42 | 22°18 | 0♁ 3 | 12°36 |
| T 12 | 17 21 14 | 20°54'37 | 10♁31 | 28°34 | 5°21 | 19°32 | 18° 9 | 10°47 | 28° 9 | 0°29 | 9° 4 | 20°40 | 22°15 | 0°10 | 12°36 |
| F 13 | 17 25 11 | 21°51'55 | 22°18 | 29°55 | 6°22 | 19°52 | 18°18 | 10°55 | 28°11 | 0°30 | 9° 3 | 20°D39 | 22°12 | 0°16 | 12°36 |
| S 14 | 17 29 7 | 22°49'12 | 4♁10 | 1♁20 | 7°23 | 20°12 | 18°28 | 11° 2 | 28°13 | 0°31 | 9° 1 | 20°40 | 22° 9 | 0°23 | 12°36 |
| S 15 | 17 33 4 | 23°46'28 | 16°12 | 2°48 | 8°24 | 20°32 | 18°38 | 11°10 | 28°16 | 0°32 | 9° 0 | 20°41 | 22° 6 | 0°30 | 12°R36 |
| M 16 | 17 37 1 | 24°43'43 | 28°28 | 4°18 | 9°25 | 20°51 | 18°48 | 11°18 | 28°18 | 0°33 | 8°58 | 20°R41 | 22° 2 | 0°36 | 12°36 |
| T 17 | 17 40 57 | 25°40'58 | 11♁ 5 | 5°52 | 10°27 | 21°10 | 18°58 | 11°25 | 28°20 | 0°34 | 8°57 | 20°40 | 21°59 | 0°43 | 12°36 |
| W 18 | 17 44 54 | 26°38'12 | 24° 6 | 7°29 | 11°29 | 21°28 | 19° 8 | 11°33 | 28°22 | 0°35 | 8°55 | 20°36 | 21°56 | 0°49 | 12°36 |
| T 19 | 17 48 50 | 27°35'25 | 7♁34 | 9° 9 | 12°31 | 21°45 | 19°18 | 11°41 | 28°24 | 0°36 | 8°54 | 20°31 | 21°53 | 0°56 | 12°36 |
| F 20 | 17 52 47 | 28°32'38 | 21°31 | 10°52 | 13°34 | 22° 2 | 19°28 | 11°48 | 28°27 | 0°38 | 8°52 | 20°25 | 21°50 | 1° 3 | 12°36 |
| S 21 | 17 56 43 | 29°29'50 | 5♁54 | 12°38 | 14°37 | 22°19 | 19°39 | 11°56 | 28°29 | 0°39 | 8°51 | 20°17 | 21°47 | 1° 9 | 12°35 |
| S 22 | 18 0 40 | 0♁27'02 | 20°39 | 14°26 | 15°40 | 22°35 | 19°49 | 12° 3 | 28°31 | 0°40 | 8°50 | 20° 9 | 21°43 | 1°16 | 12°35 |
| M 23 | 18 4 36 | 1°24'14 | 5♁39 | 16°18 | 16°43 | 22°50 | 20° 0 | 12°11 | 28°33 | 0°41 | 8°48 | 20° 3 | 21°40 | 1°23 | 12°35 |
| T 24 | 18 8 33 | 2°21'25 | 20°44 | 18°12 | 17°46 | 23° 5 | 20°10 | 12°19 | 28°35 | 0°43 | 8°47 | 19°58 | 21°37 | 1°29 | 12°34 |
| W 25 | 18 12 30 | 3°18'36 | 5♁45 | 20° 9 | 18°50 | 23°19 | 20°21 | 12°26 | 28°36 | 0°44 | 8°45 | 19°55 | 21°34 | 1°36 | 12°34 |
| T 26 | 18 16 26 | 4°15'47 | 20°34 | 22° 8 | 19°54 | 23°33 | 20°32 | 12°33 | 28°38 | 0°45 | 8°44 | 19°D55 | 21°31 | 1°43 | 12°33 |
| F 27 | 18 20 23 | 5°12'58 | 5♁ 5 | 24° 9 | 20°58 | 23°46 | 20°42 | 12°41 | 28°40 | 0°47 | 8°42 | 19°55 | 21°28 | 1°49 | 12°33 |
| S 28 | 18 24 19 | 6°10'10 | 19°15 | 26°12 | 22° 2 | 23°58 | 20°53 | 12°48 | 28°42 | 0°48 | 8°41 | 19°56 | 21°24 | 1°56 | 12°32 |
| S 29 | 18 28 16 | 7° 7'21 | 3♁ 3 | 28°17 | 23° 7 | 24°10 | 21° 4 | 12°56 | 28°44 | 0°50 | 8°39 | 19°R57 | 21°21 | 2° 3 | 12°31 |
| M 30 | 18 32 12 | 8♁ 4'33 | 16♁30 | 0♁24 | 24♁12 | 24♁21 | 21♁15 | 13♁ 3 | 28♁45 | 0♁51 | 8♁38 | 19♁57 | 21♁18 | 2♁ 9 | 12♁30 |

Delta T = 15.34 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1766

JULY 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | ♃ | ♄ |
|------|----------|---------|-------|-------|-------|--------|-------|-------|-------|------|------|--------|-------|------|-------|---|
| T 1 | 18 36 9 | 9♄144 | 29♃38 | 2♄32 | 25♂17 | 24♃32 | 21♂26 | 13♂10 | 28♃47 | 0♄53 | 8♂36 | 19♂55 | 21♃15 | 2♂16 | 12♂29 | |
| W 2 | 18 40 5 | 9♄5857 | 12♂30 | 4♂41 | 26♄22 | 24♂41 | 21♂37 | 13♂18 | 28♂49 | 0♄54 | 8♂35 | 19♃52 | 21♂12 | 2♂23 | 12♂29 | |
| T 3 | 18 44 2 | 10♄5609 | 25♂6 | 6♄50 | 27♄27 | 24♂50 | 21♂49 | 13♂25 | 28♂50 | 0♄56 | 8♂33 | 19♂46 | 21♂8 | 2♂29 | 12♂28 | |
| F 4 | 18 47 59 | 11♄5322 | 7♂29 | 9♂0 | 28♂33 | 24♂59 | 22♂0 | 13♂32 | 28♂52 | 0♄57 | 8♂32 | 19♂40 | 21♂5 | 2♂36 | 12♂27 | |
| S 5 | 18 51 55 | 12♄5035 | 19♂42 | 11♂10 | 29♂38 | 25♂6 | 22♂11 | 13♂39 | 28♂53 | 0♄59 | 8♂30 | 19♂34 | 21♂2 | 2♂43 | 12♂26 | |
| S 6 | 18 55 52 | 13♄4749 | 1♄47 | 13♂20 | 0♂44 | 25♂13 | 22♂23 | 13♂46 | 28♂55 | 1♂1 | 8♂29 | 19♂27 | 20♂59 | 2♂49 | 12♂25 | |
| M 7 | 18 59 48 | 14♄4502 | 13♂43 | 15♂29 | 1♄50 | 25♂19 | 22♂34 | 13♂54 | 28♂56 | 1♂2 | 8♂27 | 19♂22 | 20♂56 | 2♂56 | 12♂23 | |
| T 8 | 19 3 45 | 15♄4216 | 25♂34 | 17♂38 | 2♄56 | 25♂24 | 22♂46 | 14♂1 | 28♂57 | 1♂4 | 8♂26 | 19♂18 | 20♂53 | 3♂3 | 12♂22 | |
| W 9 | 19 7 41 | 16♄3930 | 7♂22 | 19♂46 | 4♂3 | 25♂29 | 22♂58 | 14♂8 | 28♂59 | 1♂6 | 8♂24 | 19♂16 | 20♂49 | 3♂9 | 12♂21 | |
| T 10 | 19 11 38 | 17♄3644 | 19♂9 | 21♂53 | 5♂9 | 25♂33 | 23♂9 | 14♂15 | 29♂0 | 1♂7 | 8♂23 | 19♂D15 | 20♂46 | 3♂16 | 12♂20 | |
| F 11 | 19 15 35 | 18♄3358 | 0♄57 | 23♂59 | 6♂16 | 25♂36 | 23♂21 | 14♂22 | 29♂1 | 1♂9 | 8♂21 | 19♂16 | 20♂43 | 3♂23 | 12♂18 | |
| S 12 | 19 19 31 | 19♄3113 | 12♂51 | 26♂3 | 7♄22 | 25♂38 | 23♂33 | 14♂28 | 29♂2 | 1♂11 | 8♂20 | 19♂17 | 20♂40 | 3♂29 | 12♂17 | |
| S 13 | 19 23 28 | 20♄2827 | 24♄54 | 28♂6 | 8♂29 | 25♂39 | 23♂45 | 14♂35 | 29♂3 | 1♂13 | 8♂18 | 19♂19 | 20♂37 | 3♂36 | 12♂15 | |
| M14 | 19 27 24 | 21♄2542 | 7♄11 | 0♂7 | 9♄36 | 25♂R40 | 23♂56 | 14♂42 | 29♂4 | 1♂14 | 8♂17 | 19♂20 | 20♂34 | 3♂42 | 12♂14 | |
| T 15 | 19 31 21 | 22♄2257 | 19♂46 | 2♂7 | 10♂43 | 25♂40 | 24♂8 | 14♂49 | 29♂5 | 1♂16 | 8♂15 | 19♂R21 | 20♂30 | 3♂49 | 12♂12 | |
| W16 | 19 35 17 | 23♄2012 | 2♄43 | 4♂5 | 11♄51 | 25♂39 | 24♂20 | 14♂56 | 29♂6 | 1♂18 | 8♂14 | 19♂21 | 20♂27 | 3♂56 | 12♂11 | |
| T 17 | 19 39 14 | 24♄1727 | 16♂7 | 6♂1 | 12♄58 | 25♂37 | 24♂32 | 15♂2 | 29♂7 | 1♂20 | 8♂12 | 19♂19 | 20♂24 | 4♂2 | 12♂9 | |
| F 18 | 19 43 10 | 25♄1442 | 29♄58 | 7♄56 | 14♂6 | 25♂35 | 24♂45 | 15♂9 | 29♂8 | 1♂22 | 8♂11 | 19♂17 | 20♂21 | 4♂9 | 12♂7 | |
| S 19 | 19 47 7 | 26♄1158 | 14♄16 | 9♄48 | 15♂13 | 25♂32 | 24♄57 | 15♂15 | 29♂9 | 1♂24 | 8♂10 | 19♂14 | 20♂18 | 4♂16 | 12♂6 | |
| S 20 | 19 51 4 | 27♂915 | 28♂59 | 11♂39 | 16♂21 | 25♂28 | 25♂9 | 15♂22 | 29♂10 | 1♂25 | 8♂8 | 19♂11 | 20♂14 | 4♂22 | 12♂4 | |
| M21 | 19 55 0 | 28♂631 | 14♄0 | 13♂29 | 17♂29 | 25♂23 | 25♂21 | 15♂28 | 29♂10 | 1♂27 | 8♂7 | 19♂8 | 20♂11 | 4♂29 | 12♂2 | |
| T 22 | 19 58 57 | 29♂349 | 29♂12 | 15♂16 | 18♂37 | 25♂18 | 25♂33 | 15♂35 | 29♂11 | 1♂29 | 8♂5 | 19♂7 | 20♂8 | 4♂36 | 12♂0 | |
| W23 | 20 2 53 | 0♂107 | 14♄24 | 17♂2 | 19♄45 | 25♂12 | 25♂46 | 15♂41 | 29♂12 | 1♂31 | 8♂4 | 19♂D6 | 20♂5 | 4♂42 | 11♂58 | |
| T 24 | 20 6 50 | 0♄5825 | 29♂27 | 18♂46 | 20♄54 | 25♂5 | 25♄58 | 15♂47 | 29♂12 | 1♂33 | 8♂3 | 19♂6 | 20♂2 | 4♂49 | 11♂56 | |
| F 25 | 20 10 46 | 1♄5545 | 14♄13 | 20♂28 | 22♂2 | 24♄58 | 26♂10 | 15♄54 | 29♂13 | 1♂35 | 8♂1 | 19♂7 | 19♄59 | 4♄56 | 11♄54 | |
| S 26 | 20 14 43 | 2♄5305 | 28♂37 | 22♂9 | 23♂11 | 24♄49 | 26♂23 | 16♂0 | 29♂13 | 1♂37 | 8♂0 | 19♂8 | 19♄55 | 5♂2 | 11♄52 | |
| S 27 | 20 18 39 | 3♄5027 | 12♄35 | 23♄48 | 24♂19 | 24♄40 | 26♂35 | 16♂6 | 29♂14 | 1♂39 | 7♄59 | 19♂9 | 19♄52 | 5♂9 | 11♄50 | |
| M28 | 20 22 36 | 4♄4749 | 26♂8 | 25♄25 | 25♄28 | 24♂31 | 26♄48 | 16♂12 | 29♂14 | 1♂41 | 7♄57 | 19♂10 | 19♄49 | 5♂16 | 11♄48 | |
| T 29 | 20 26 33 | 5♄4513 | 9♄17 | 27♂0 | 26♂37 | 24♂21 | 27♂0 | 16♂18 | 29♂15 | 1♂43 | 7♄56 | 19♂R10 | 19♄46 | 5♄22 | 11♄46 | |
| W30 | 20 30 29 | 6♄4238 | 22♂5 | 28♂34 | 27♄46 | 24♂10 | 27♂13 | 16♂24 | 29♂15 | 1♂45 | 7♄55 | 19♂9 | 19♄43 | 5♄29 | 11♄44 | |
| T 31 | 20 34 26 | 7♄4004 | 4♂34 | 0♄6 | 28♂55 | 23♄58 | 27♄26 | 16♂30 | 29♂15 | 1♄47 | 7♄53 | 19♄9 | 19♄40 | 5♄36 | 11♄41 | |

Delta T = 15.34 sec.

Greg. Calendar

AUGUST 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | ♃ | ♄ |
|------|----------|---------|-------|-------|-------|--------|-------|-------|--------|------|------|--------|-------|------|--------|---|
| F 1 | 20 38 22 | 8♂3732 | 16♂48 | 1♄37 | 0♄4 | 23♂R46 | 27♂38 | 16♂36 | 29♂15 | 1♄49 | 7♂52 | 19♂R7 | 19♄36 | 5♂42 | 11♂R39 | |
| S 2 | 20 42 19 | 9♄3500 | 28♄52 | 3♂5 | 1♄14 | 23♄34 | 27♄51 | 16♂41 | 29♂15 | 1♄52 | 7♄51 | 19♄6 | 19♄33 | 5♄49 | 11♄37 | |
| S 3 | 20 46 15 | 10♄3230 | 10♄47 | 4♄32 | 2♄23 | 23♂20 | 28♂4 | 16♄47 | 29♂15 | 1♄54 | 7♄50 | 19♂5 | 19♄30 | 5♄55 | 11♄35 | |
| M 4 | 20 50 12 | 11♄3001 | 22♄37 | 5♄57 | 3♄33 | 23♂7 | 28♂16 | 16♄53 | 29♂R15 | 1♄56 | 7♄49 | 19♂4 | 19♄27 | 6♂2 | 11♄32 | |
| T 5 | 20 54 8 | 12♄2733 | 4♂25 | 7♄20 | 4♄42 | 22♄53 | 28♂29 | 16♄58 | 29♂15 | 1♄58 | 7♄47 | 19♂3 | 19♄24 | 6♂9 | 11♄30 | |
| W 6 | 20 58 5 | 13♄2506 | 16♂12 | 8♄42 | 5♄52 | 22♄38 | 28♄42 | 17♂4 | 29♂15 | 2♂0 | 7♄46 | 19♂D3 | 19♄20 | 6♂15 | 11♄27 | |
| T 7 | 21 2 2 | 14♄2241 | 28♂2 | 10♂1 | 7♂2 | 22♄24 | 28♄55 | 17♂9 | 29♂15 | 2♂2 | 7♄45 | 19♂3 | 19♄17 | 6♂22 | 11♄25 | |
| F 8 | 21 5 58 | 15♄2016 | 9♄56 | 11♂19 | 8♂12 | 22♂9 | 29♂8 | 17♂15 | 29♂15 | 2♂4 | 7♄44 | 19♂3 | 19♄14 | 6♂29 | 11♄22 | |
| S 9 | 21 9 55 | 16♄1752 | 21♄56 | 12♂34 | 9♄22 | 21♄53 | 29♂20 | 17♂20 | 29♂15 | 2♂6 | 7♄43 | 19♂3 | 19♄11 | 6♂35 | 11♄20 | |
| S 10 | 21 13 51 | 17♄1530 | 4♄6 | 13♄48 | 10♄32 | 21♄38 | 29♄33 | 17♄25 | 29♂15 | 2♂9 | 7♄42 | 19♂4 | 19♂8 | 6♄42 | 11♄17 | |
| M11 | 21 17 48 | 18♄1308 | 16♄29 | 15♂0 | 11♄42 | 21♄22 | 29♄46 | 17♂30 | 29♂14 | 2♂11 | 7♄41 | 19♂4 | 19♂5 | 6♄49 | 11♄15 | |
| T 12 | 21 21 44 | 19♄1047 | 29♂7 | 16♂9 | 12♄52 | 21♂6 | 29♄59 | 17♄35 | 29♂14 | 2♂13 | 7♄40 | 19♂R4 | 19♂1 | 6♄55 | 11♄12 | |
| W13 | 21 25 41 | 20♂828 | 12♂4 | 17♂16 | 14♂3 | 20♄51 | 0♄12 | 17♄40 | 29♂14 | 2♂15 | 7♄39 | 19♂4 | 18♄58 | 7♂2 | 11♂9 | |
| T 14 | 21 29 37 | 21♂609 | 25♄22 | 18♂21 | 15♂13 | 20♄35 | 0♄25 | 17♄45 | 29♂13 | 2♂17 | 7♄38 | 19♂D4 | 18♄55 | 7♂9 | 11♂7 | |
| F 15 | 21 33 34 | 22♂352 | 9♄4 | 19♄23 | 16♄24 | 20♄19 | 0♄38 | 17♄50 | 29♂13 | 2♂19 | 7♄37 | 19♂4 | 18♄52 | 7♄15 | 11♂4 | |
| S 16 | 21 37 31 | 23♂136 | 23♂11 | 20♄23 | 17♄35 | 20♂3 | 0♄51 | 17♄55 | 29♂12 | 2♂22 | 7♄36 | 19♂4 | 18♄49 | 7♄22 | 11♂1 | |
| S 17 | 21 41 27 | 23♄5921 | 7♄30 | 21♄20 | 18♄45 | 19♄48 | 1♂4 | 17♄59 | 29♂12 | 2♄24 | 7♄35 | 19♂5 | 18♄46 | 7♄29 | 10♄59 | |
| M18 | 21 45 24 | 24♄5707 | 22♄29 | 22♄14 | 19♄56 | 19♄32 | 1♂17 | 18♂4 | 29♂11 | 2♄26 | 7♄34 | 19♂5 | 18♄42 | 7♄35 | 10♄56 | |
| T 19 | 21 49 20 | 25♄5454 | 7♄32 | 23♂5 | 21♂7 | 19♄17 | 1♂30 | 18♂8 | 29♂10 | 2♄28 | 7♄33 | 19♂5 | 18♄39 | 7♄42 | 10♄53 | |
| W20 | 21 53 17 | 26♄5242 | 22♄40 | 23♄53 | 22♄18 | 19♂2 | 1♄43 | 18♂13 | 29♂9 | 2♄31 | 7♄32 | 19♂R5 | 18♄36 | 7♄49 | 10♄50 | |
| T 21 | 21 57 13 | 27♄5032 | 7♄44 | 24♄37 | 23♄29 | 18♄47 | 1♄56 | 18♂17 | 29♂9 | 2♄33 | 7♄31 | 19♂5 | 18♄33 | 7♄55 | 10♄48 | |
| F 22 | 22 1 10 | 28♄4823 | 22♄37 | 25♄18 | 24♄40 | 18♄33 | 2♂9 | 18♂21 | 29♂8 | 2♄35 | 7♄31 | 19♂4 | 18♄30 | 8♂2 | 10♄45 | |
| S 23 | 22 5 6 | 29♄4616 | 7♄10 | 25♄55 | 25♄52 | 18♂19 | 2♄22 | 18♂25 | 29♂7 | 2♄37 | 7♄30 | 19♂3 | 18♄26 | 8♂8 | 10♄42 | |
| S 24 | 22 9 3 | 0♄4411 | 21♂18 | 26♄28 | 27♂3 | 18♂5 | 2♄35 | 18♂29 | 29♂6 | 2♄39 | 7♄29 | 19♂2 | 18♄23 | 8♂15 | 10♄39 | |
| M25 | 22 13 0 | 1♄4208 | 4♄59 | 26♄57 | 28♂14 | 17♄52 | 2♄48 | 18♂33 | 29♂5 | 2♄42 | 7♄28 | 19♂1 | 18♄20 | 8♄22 | 10♄36 | |
| T 26 | 22 16 56 | 2♄4006 | 18♂14 | 27♄22 | 29♄26 | 17♄39 | 3♂1 | 18♂37 | 29♂4 | 2♄44 | 7♄28 | 19♂0 | 18♄17 | 8♄28 | 10♄34 | |
| W27 | 22 20 53 | 3♄3807 | 1♂4 | 27♄41 | 0♄37 | 17♄27 | 3♂14 | 18♂41 | 29♂3 | 2♄46 | 7♄27 | 18♄D59 | 18♄14 | 8♄35 | 10♄31 | |
| T 28 | 22 24 49 | 4♄3609 | 13♄32 | 27♄55 | 1♄49 | 17♄15 | 3♄27 | 18♄45 | 29♂2 | 2♄48 | 7♄26 | 18♄59 | 18♄11 | 8♄42 | 10♄28 | |
| F 29 | 22 28 46 | 5♄3413 | 25♄44 | 28♂4 | 3♂1 | 17♂4 | 3♄40 | 18♄48 | 29♂1 | 2♄51 | 7♄26 | 19♂0 | 18♂7 | 8♄48 | 10♄25 | |
| S 30 | 22 32 42 | 6♄3219 | 7♄43 | 28♂R8 | 4♂13 | 16♄54 | 3♄53 | 18♄52 | 29♂0 | 2♄53 | 7♄25 | 19♂1 | 18♂4 | 8♄55 | 10♄22 | |
| S 31 | 22 36 39 | 7♄3027 | 19♄34 | 28♄5 | 5♄25 | 16♄44 | 4♄6 | 18♂55 | 28♄58 | 2♄55 | 7♄24 | 19♄3 | 18♄1 | 9♄2 | 10♄19 | |

Delta T = 15.34 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1766

SEPTEMBER 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|--------|--------|-------|-------|--------|------|-------|--------|-------|-------|--------|
| M 1 | 22 40 35 | 8♍28'37 | 1♌21 | 27°R57 | 6♌37 | 16°R35 | 4♍19 | 18♏59 | 28°R57 | 2♍57 | 7°R24 | 19♍4 | 17♍58 | 9♌8 | 10°R16 |
| T 2 | 22 44 32 | 9°26'49 | 13° 9 | 27♍42 | 7°49 | 16♍26 | 4°32 | 19° 2 | 28♏56 | 2°59 | 7♌23 | 19°R 5 | 17°55 | 9°15 | 10♋13 |
| W 3 | 22 48 29 | 10°25'03 | 24°59 | 27°20 | 9° 1 | 16°18 | 4°45 | 19° 5 | 28°54 | 3° 2 | 7°23 | 19° 5 | 17°52 | 9°22 | 10°11 |
| T 4 | 22 52 25 | 11°23'18 | 6♍55 | 26°53 | 10°13 | 16°11 | 4°58 | 19° 8 | 28°53 | 3° 4 | 7°22 | 19° 4 | 17°48 | 9°28 | 10° 8 |
| F 5 | 22 56 22 | 12°21'35 | 18°58 | 26°19 | 11°25 | 16° 5 | 5°11 | 19°11 | 28°52 | 3° 6 | 7°22 | 19° 2 | 17°45 | 9°35 | 10° 5 |
| S 6 | 23 0 18 | 13°19'54 | 1♌11 | 25°38 | 12°38 | 15°59 | 5°24 | 19°14 | 28°50 | 3° 8 | 7°22 | 18°59 | 17°42 | 9°41 | 10° 2 |
| S 7 | 23 4 15 | 14°18'15 | 13°35 | 24°52 | 13°50 | 15°55 | 5°37 | 19°17 | 28°49 | 3°10 | 7°21 | 18°55 | 17°39 | 9°48 | 9°59 |
| M 8 | 23 8 11 | 15°16'37 | 26°11 | 24° 1 | 15° 3 | 15°51 | 5°50 | 19°19 | 28°47 | 3°13 | 7°21 | 18°50 | 17°36 | 9°55 | 9°56 |
| T 9 | 23 12 8 | 16°15'01 | 9♌0 | 23° 6 | 16°15 | 15°48 | 6° 3 | 19°22 | 28°45 | 3°15 | 7°21 | 18°46 | 17°32 | 10° 1 | 9°53 |
| W10 | 23 16 4 | 17°13'27 | 22° 4 | 22° 7 | 17°28 | 15°45 | 6°16 | 19°24 | 28°44 | 3°17 | 7°20 | 18°43 | 17°29 | 10° 8 | 9°50 |
| T 11 | 23 20 1 | 18°11'54 | 5♌24 | 21° 5 | 18°40 | 15°44 | 6°29 | 19°26 | 28°42 | 3°19 | 7°20 | 18°41 | 17°26 | 10°15 | 9°48 |
| F 12 | 23 23 58 | 19°10'23 | 19° 1 | 20° 3 | 19°53 | 15°D43 | 6°42 | 19°29 | 28°40 | 3°21 | 7°20 | 18°D41 | 17°23 | 10°21 | 9°45 |
| S 13 | 23 27 54 | 20° 8'54 | 2♌57 | 19° 1 | 21° 6 | 15°43 | 6°55 | 19°31 | 28°39 | 3°23 | 7°20 | 18°41 | 17°20 | 10°28 | 9°42 |
| S 14 | 23 31 51 | 21° 7'26 | 17°10 | 18° 1 | 22° 19 | 15°44 | 7° 7 | 19°33 | 28°37 | 3°26 | 7°19 | 18°42 | 17°17 | 10°35 | 9°39 |
| M15 | 23 35 47 | 22° 6'00 | 1♍39 | 17° 4 | 23°32 | 15°46 | 7°20 | 19°35 | 28°35 | 3°28 | 7°19 | 18°44 | 17°13 | 10°41 | 9°36 |
| T 16 | 23 39 44 | 23° 4'36 | 16°21 | 16°12 | 24°45 | 15°48 | 7°33 | 19°37 | 28°33 | 3°30 | 7°19 | 18°R45 | 17°10 | 10°48 | 9°34 |
| W17 | 23 43 40 | 24° 3'13 | 1♋11 | 15°26 | 25°58 | 15°51 | 7°46 | 19°38 | 28°31 | 3°32 | 7°19 | 18°44 | 17° 7 | 10°55 | 9°31 |
| T 18 | 23 47 37 | 25° 1'52 | 16° 2 | 14°48 | 27°11 | 15°56 | 7°59 | 19°40 | 28°30 | 3°34 | 7°19 | 18°42 | 17° 4 | 11° 1 | 9°28 |
| F 19 | 23 51 33 | 26° 0'32 | 0♏46 | 14°18 | 28°24 | 16° 0 | 8°11 | 19°41 | 28°28 | 3°36 | 7°D19 | 18°38 | 17° 1 | 11° 8 | 9°25 |
| S 20 | 23 55 30 | 26°59'15 | 15°17 | 13°57 | 29°38 | 16° 6 | 8°24 | 19°43 | 28°26 | 3°38 | 7°19 | 18°32 | 16°57 | 11°15 | 9°23 |
| S 21 | 23 59 27 | 27°58'00 | 29°26 | 13°45 | 0♍51 | 16°12 | 8°37 | 19°44 | 28°24 | 3°40 | 7°19 | 18°26 | 16°54 | 11°21 | 9°20 |
| M22 | 0 3 23 | 28°56'47 | 13♌11 | 13°D44 | 2° 4 | 16°20 | 8°49 | 19°45 | 28°22 | 3°42 | 7°19 | 18°20 | 16°51 | 11°28 | 9°17 |
| T 23 | 0 7 20 | 29°55'37 | 26°30 | 13°53 | 3°18 | 16°28 | 9° 2 | 19°46 | 28°20 | 3°44 | 7°19 | 18°15 | 16°48 | 11°34 | 9°15 |
| W24 | 0 11 16 | 0♌54'28 | 9♏24 | 14°12 | 4°31 | 16°36 | 9°14 | 19°47 | 28°17 | 3°47 | 7°19 | 18°11 | 16°45 | 11°41 | 9°12 |
| T 25 | 0 15 13 | 1°53'22 | 21°55 | 14°40 | 5°45 | 16°46 | 9°27 | 19°48 | 28°15 | 3°49 | 7°19 | 18° 8 | 16°42 | 11°48 | 9° 9 |
| F 26 | 0 19 9 | 2°52'19 | 4♌7 | 15°18 | 6°58 | 16°56 | 9°39 | 19°49 | 28°13 | 3°51 | 7°20 | 18°D 8 | 16°38 | 11°54 | 9° 7 |
| S 27 | 0 23 6 | 3°51'17 | 16° 6 | 16° 4 | 8°12 | 17° 7 | 9°52 | 19°49 | 28°11 | 3°53 | 7°20 | 18° 8 | 16°35 | 12° 1 | 9° 4 |
| S 28 | 0 27 2 | 4°50'18 | 27°56 | 16°59 | 9°26 | 17°18 | 10° 4 | 19°50 | 28° 9 | 3°55 | 7°20 | 18°10 | 16°32 | 12° 8 | 9° 2 |
| M29 | 0 30 59 | 5°49'21 | 9♌43 | 18° 1 | 10°40 | 17°30 | 10°17 | 19°50 | 28° 7 | 3°56 | 7°20 | 18°11 | 16°29 | 12°14 | 8°59 |
| T 30 | 0 34 56 | 6♌48'26 | 21♌32 | 19♍9 | 11♍53 | 17♍43 | 10♍29 | 19♏51 | 28♏4 | 3♍58 | 7♌21 | 18°R11 | 16♍26 | 12♌21 | 8♋57 |

Delta T = 15.34 sec.

Greg. Calendar

OCTOBER 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|-------|-------|--------|--------|------|------|--------|-------|-------|-------|
| W 1 | 0 38 52 | 7♌47'34 | 3♍26 | 20♍24 | 13♍7 | 17♍57 | 10♍41 | 19♏51 | 28°R 2 | 4♍0 | 7♌21 | 18°R10 | 16♍23 | 12♌28 | 8°R54 |
| T 2 | 0 42 49 | 8°46'43 | 15°30 | 21°44 | 14°21 | 18°11 | 10°53 | 19°R51 | 28°Y 0 | 4° 2 | 7°22 | 18♍6 | 16°19 | 12°34 | 8♋52 |
| F 3 | 0 46 45 | 9°45'55 | 27°45 | 23° 9 | 15°35 | 18°26 | 11° 6 | 19°51 | 27°58 | 4° 4 | 7°22 | 18° 0 | 16°16 | 12°41 | 8°50 |
| S 4 | 0 50 42 | 10°45'09 | 10♌14 | 24°38 | 16°49 | 18°41 | 11°18 | 19°51 | 27°55 | 4° 6 | 7°22 | 17°53 | 16°13 | 12°48 | 8°47 |
| S 5 | 0 54 38 | 11°44'25 | 22°56 | 26°10 | 18° 3 | 18°58 | 11°30 | 19°50 | 27°53 | 4° 8 | 7°23 | 17°43 | 16°10 | 12°54 | 8°45 |
| M 6 | 0 58 35 | 12°43'43 | 5♌52 | 27°45 | 19°18 | 19°14 | 11°42 | 19°50 | 27°51 | 4°10 | 7°23 | 17°33 | 16° 7 | 13° 1 | 8°43 |
| T 7 | 1 2 31 | 13°43'03 | 19° 2 | 29°22 | 20°32 | 19°32 | 11°54 | 19°49 | 27°48 | 4°12 | 7°24 | 17°23 | 16° 3 | 13° 7 | 8°40 |
| W 8 | 1 6 28 | 14°42'25 | 2♌23 | 1♌1 | 21°46 | 19°50 | 12° 6 | 19°49 | 27°46 | 4°13 | 7°24 | 17°15 | 16° 0 | 13°14 | 8°38 |
| T 9 | 1 10 24 | 15°41'49 | 15°55 | 2°41 | 23° 0 | 20° 8 | 12°18 | 19°48 | 27°44 | 4°15 | 7°25 | 17° 9 | 15°57 | 13°21 | 8°36 |
| F 10 | 1 14 21 | 16°41'14 | 29°38 | 4°23 | 24°15 | 20°27 | 12°30 | 19°47 | 27°41 | 4°17 | 7°26 | 17° 6 | 15°54 | 13°27 | 8°34 |
| S 11 | 1 18 18 | 17°40'42 | 13♌31 | 6° 5 | 25°29 | 20°47 | 12°41 | 19°46 | 27°39 | 4°19 | 7°26 | 17°D 4 | 15°51 | 13°34 | 8°32 |
| S 12 | 1 22 14 | 18°40'11 | 27°33 | 7°48 | 26°43 | 21° 7 | 12°53 | 19°45 | 27°36 | 4°20 | 7°27 | 17° 5 | 15°48 | 13°41 | 8°30 |
| M13 | 1 26 11 | 19°39'41 | 11♌45 | 9°31 | 27°58 | 21°28 | 13° 5 | 19°44 | 27°34 | 4°22 | 7°28 | 17°R 5 | 15°44 | 13°47 | 8°28 |
| T 14 | 1 30 7 | 20°39'14 | 26° 5 | 11°15 | 29°12 | 21°49 | 13°16 | 19°43 | 27°32 | 4°24 | 7°28 | 17° 5 | 15°41 | 13°54 | 8°26 |
| W15 | 1 34 4 | 21°38'48 | 10♋30 | 12°58 | 0♌27 | 22°11 | 13°28 | 19°42 | 27°29 | 4°25 | 7°29 | 17° 3 | 15°38 | 14° 1 | 8°24 |
| T 16 | 1 38 0 | 22°38'24 | 24°56 | 14°41 | 1°41 | 22°33 | 13°39 | 19°40 | 27°27 | 4°27 | 7°30 | 16°58 | 15°35 | 14° 7 | 8°22 |
| F 17 | 1 41 57 | 23°38'01 | 9♏19 | 16°25 | 2°56 | 22°56 | 13°51 | 19°38 | 27°24 | 4°29 | 7°31 | 16°51 | 15°32 | 14°14 | 8°20 |
| S 18 | 1 45 53 | 24°37'41 | 23°32 | 18° 7 | 4°10 | 23°19 | 14° 2 | 19°37 | 27°22 | 4°30 | 7°32 | 16°41 | 15°29 | 14°21 | 8°19 |
| S 19 | 1 49 50 | 25°37'23 | 7♌30 | 19°50 | 5°25 | 23°43 | 14°13 | 19°35 | 27°19 | 4°32 | 7°33 | 16°30 | 15°25 | 14°27 | 8°17 |
| M20 | 1 53 47 | 26°37'07 | 21° 9 | 21°32 | 6°40 | 24° 7 | 14°24 | 19°33 | 27°17 | 4°33 | 7°34 | 16°18 | 15°22 | 14°34 | 8°15 |
| T 21 | 1 57 43 | 27°36'53 | 4♏25 | 23°14 | 7°54 | 24°31 | 14°36 | 19°31 | 27°14 | 4°35 | 7°34 | 16° 8 | 15°19 | 14°41 | 8°14 |
| W22 | 2 1 40 | 28°36'41 | 17°18 | 24°55 | 9° 9 | 24°56 | 14°47 | 19°29 | 27°12 | 4°36 | 7°35 | 15°59 | 15°16 | 14°47 | 8°12 |
| T 23 | 2 5 36 | 29°36'31 | 29°50 | 26°36 | 10°24 | 25°22 | 14°58 | 19°27 | 27° 9 | 4°38 | 7°36 | 15°53 | 15°13 | 14°54 | 8°11 |
| F 24 | 2 9 33 | 0♌36'24 | 12♌3 | 28°16 | 11°39 | 25°47 | 15° 8 | 19°24 | 27° 7 | 4°39 | 7°37 | 15°49 | 15° 9 | 15° 0 | 8° 9 |
| S 25 | 2 13 29 | 1°36'18 | 24° 3 | 29°56 | 12°54 | 26°13 | 15°19 | 19°22 | 27° 5 | 4°41 | 7°39 | 15°47 | 15° 6 | 15° 7 | 8° 8 |
| S 26 | 2 17 26 | 2°36'15 | 5♌53 | 1♌35 | 14° 8 | 26°40 | 15°30 | 19°20 | 27° 2 | 4°42 | 7°40 | 15°D47 | 15° 3 | 15°14 | 8° 6 |
| M27 | 2 21 22 | 3°36'14 | 17°41 | 3°14 | 15°23 | 27° 7 | 15°41 | 19°17 | 27° 0 | 4°43 | 7°41 | 15°R47 | 15° 0 | 15°20 | 8° 5 |
| T 28 | 2 25 19 | 4°36'15 | 29°31 | 4°52 | 16°38 | 27°34 | 15°51 | 19°14 | 26°57 | 4°45 | 7°42 | 15°47 | 14°57 | 15°27 | 8° 4 |
| W29 | 2 29 16 | 5°36'18 | 11♍28 | 6°30 | 17°53 | 28° 1 | 16° 2 | 19°11 | 26°55 | 4°46 | 7°43 | 15°44 | 14°54 | 15°34 | 8° 3 |
| T 30 | 2 33 12 | 6°36'24 | 23°37 | 8° 7 | 19° 8 | 28°29 | 16°12 | 19° 9 | 26°52 | 4°47 | 7°44 | 15°39 | 14°50 | 15°40 | 8° 2 |
| F 31 | 2 37 9 | 7♌36'31 | 6♌2 | 9♌44 | 20♌23 | 28♍57 | 16♍22 | 19♏6 | 26°Y50 | 4♍48 | 7♌45 | 15♍31 | 14♍47 | 15♌47 | 8♋0 |

Delta T = 15.35 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1766

NOVEMBER 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|--------|-------|--------|--------|------|------|--------|-------|-------|-------|
| S 1 | 2 41 5 | 8♁36'40 | 18♁45 | 11♁20 | 21♁38 | 29♁26 | 16♁33 | 19°R 3 | 26°R48 | 4♁50 | 7♁47 | 15°R21 | 14♁44 | 15♁54 | 7°R59 |
| S 2 | 2 45 2 | 9°36'52 | 1♁47 | 12°56 | 22°53 | 29°55 | 16°43 | 18♁59 | 26°V45 | 4°51 | 7°48 | 15♁ 8 | 14°41 | 16° 0 | 7°H58 |
| M 3 | 2 48 58 | 10°37'05 | 15° 5 | 14°32 | 24° 8 | 0°H24 | 16°53 | 18°56 | 26°43 | 4°52 | 7°49 | 14°55 | 14°38 | 16° 7 | 7°58 |
| T 4 | 2 52 55 | 11°37'20 | 28°40 | 16° 7 | 25°24 | 0°53 | 17° 3 | 18°53 | 26°40 | 4°53 | 7°51 | 14°42 | 14°34 | 16°14 | 7°57 |
| W 5 | 2 56 51 | 12°37'37 | 12♁26 | 17°42 | 26°39 | 1°23 | 17°12 | 18°49 | 26°38 | 4°54 | 7°52 | 14°31 | 14°31 | 16°20 | 7°56 |
| T 6 | 3 0 48 | 13°37'55 | 26°21 | 19°17 | 27°54 | 1°53 | 17°22 | 18°46 | 26°36 | 4°55 | 7°53 | 14°22 | 14°28 | 16°27 | 7°55 |
| F 7 | 3 4 45 | 14°38'15 | 10♁22 | 20°51 | 29° 9 | 2°24 | 17°32 | 18°42 | 26°33 | 4°56 | 7°55 | 14°17 | 14°25 | 16°33 | 7°54 |
| S 8 | 3 8 41 | 15°38'36 | 24°25 | 22°25 | 0♁24 | 2°54 | 17°41 | 18°39 | 26°31 | 4°57 | 7°56 | 14°14 | 14°22 | 16°40 | 7°54 |
| S 9 | 3 12 38 | 16°38'59 | 8♁30 | 23°58 | 1°39 | 3°25 | 17°51 | 18°35 | 26°29 | 4°58 | 7°58 | 14°13 | 14°19 | 16°47 | 7°53 |
| M10 | 3 16 34 | 17°39'23 | 22°35 | 25°31 | 2°55 | 3°57 | 18° 0 | 18°31 | 26°27 | 4°59 | 7°59 | 14°13 | 14°15 | 16°53 | 7°53 |
| T 11 | 3 20 31 | 18°39'48 | 6°H40 | 27° 4 | 4°10 | 4°28 | 18° 9 | 18°27 | 26°24 | 5° 0 | 8° 1 | 14°12 | 14°12 | 17° 0 | 7°52 |
| W12 | 3 24 27 | 19°40'15 | 20°43 | 28°37 | 5°25 | 5° 0 | 18°18 | 18°23 | 26°22 | 5° 1 | 8° 2 | 14°10 | 14° 9 | 17° 7 | 7°52 |
| T 13 | 3 28 24 | 20°40'42 | 4°V44 | 0♁ 9 | 6°40 | 5°32 | 18°27 | 18°19 | 26°20 | 5° 2 | 8° 4 | 14° 4 | 14° 6 | 17°13 | 7°51 |
| F 14 | 3 32 20 | 21°41'12 | 18°40 | 1°41 | 7°56 | 6° 4 | 18°36 | 18°15 | 26°18 | 5° 3 | 8° 5 | 13°56 | 14° 3 | 17°20 | 7°51 |
| S 15 | 3 36 17 | 22°41'42 | 2♁37 | 3°13 | 9°11 | 6°36 | 18°45 | 18°11 | 26°16 | 5° 3 | 8° 7 | 13°45 | 14° 0 | 17°27 | 7°51 |
| S 16 | 3 40 14 | 23°42'14 | 16° 3 | 4°45 | 10°26 | 7° 9 | 18°53 | 18° 7 | 26°14 | 5° 4 | 8° 8 | 13°32 | 13°56 | 17°33 | 7°51 |
| M17 | 3 44 10 | 24°42'48 | 29°24 | 6°16 | 11°42 | 7°41 | 19° 2 | 18° 2 | 26°12 | 5° 5 | 8°10 | 13°19 | 13°53 | 17°40 | 7°51 |
| T 18 | 3 48 7 | 25°43'23 | 12♁27 | 7°47 | 12°57 | 8°14 | 19°10 | 17°58 | 26° 9 | 5° 6 | 8°12 | 13° 7 | 13°50 | 17°47 | 7°D51 |
| W19 | 3 52 3 | 26°44'00 | 25°12 | 9°18 | 14°12 | 8°47 | 19°18 | 17°54 | 26° 7 | 5° 6 | 8°13 | 12°57 | 13°47 | 17°53 | 7°51 |
| T 20 | 3 56 0 | 27°44'38 | 7♁40 | 10°49 | 15°28 | 9°21 | 19°27 | 17°49 | 26° 5 | 5° 7 | 8°15 | 12°49 | 13°44 | 18° 0 | 7°51 |
| F 21 | 3 59 56 | 28°45'18 | 19°51 | 12°19 | 16°43 | 9°54 | 19°35 | 17°45 | 26° 4 | 5° 7 | 8°17 | 12°44 | 13°40 | 18° 7 | 7°51 |
| S 22 | 4 3 53 | 29°45'59 | 1♁50 | 13°49 | 17°58 | 10°28 | 19°42 | 17°40 | 26° 2 | 5° 8 | 8°18 | 12°42 | 13°37 | 18°13 | 7°51 |
| S 23 | 4 7 49 | 0♁46'42 | 13°40 | 15°19 | 19°14 | 11° 2 | 19°50 | 17°36 | 26° 0 | 5° 8 | 8°20 | 12°D41 | 13°34 | 18°20 | 7°51 |
| M24 | 4 11 46 | 1°47'27 | 25°28 | 16°48 | 20°29 | 11°36 | 19°58 | 17°31 | 25°58 | 5° 9 | 8°22 | 12°42 | 13°31 | 18°26 | 7°52 |
| T 25 | 4 15 43 | 2°48'13 | 7♁17 | 18°17 | 21°45 | 12°10 | 20° 5 | 17°26 | 25°56 | 5° 9 | 8°24 | 12°R42 | 13°28 | 18°33 | 7°52 |
| W26 | 4 19 39 | 3°49'00 | 19°15 | 19°46 | 23° 0 | 12°45 | 20°13 | 17°22 | 25°54 | 5°10 | 8°25 | 12°40 | 13°25 | 18°40 | 7°52 |
| T 27 | 4 23 36 | 4°49'49 | 1♁25 | 21°14 | 24°15 | 13°19 | 20°20 | 17°17 | 25°52 | 5°10 | 8°27 | 12°37 | 13°21 | 18°46 | 7°53 |
| F 28 | 4 27 32 | 5°50'40 | 13°54 | 22°41 | 25°31 | 13°54 | 20°27 | 17°12 | 25°51 | 5°10 | 8°29 | 12°31 | 13°18 | 18°53 | 7°53 |
| S 29 | 4 31 29 | 6°51'32 | 26°44 | 24° 8 | 26°46 | 14°29 | 20°34 | 17° 7 | 25°49 | 5°11 | 8°31 | 12°23 | 13°15 | 19° 0 | 7°54 |
| S 30 | 4 35 25 | 7♁52'25 | 9♁56 | 25♁34 | 28♁ 2 | 15°H 4 | 20♁41 | 17°H 2 | 25°V47 | 5♁11 | 8♁33 | 12♁12 | 13♁12 | 19♁ 6 | 7°H55 |

Delta T = 15.35 sec.

Greg. Calendar

DECEMBER 1766

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|--------|-------|--------|--------|-------|------|--------|-------|-------|-------|
| M 1 | 4 39 22 | 8♁53'19 | 23♁32 | 26♁59 | 29♁17 | 15°H39 | 20♁47 | 16°R57 | 25°R46 | 5♁11 | 8♁35 | 12°R 1 | 13♁ 9 | 19♁13 | 7°H55 |
| T 2 | 4 43 18 | 9°54'15 | 7♁28 | 28°23 | 0♁33 | 16°15 | 20°54 | 16°H53 | 25°V44 | 5°12 | 8°36 | 11°H30 | 13° 6 | 19°20 | 7°56 |
| W 3 | 4 47 15 | 10°55'12 | 21°40 | 29°46 | 1°48 | 16°50 | 21° 0 | 16°48 | 25°43 | 5°12 | 8°38 | 11°41 | 13° 2 | 19°26 | 7°57 |
| T 4 | 4 51 12 | 11°56'10 | 6♁ 3 | 1♁ 7 | 3° 4 | 17°26 | 21° 6 | 16°43 | 25°41 | 5°12 | 8°40 | 11°34 | 12°59 | 19°33 | 7°58 |
| F 5 | 4 55 8 | 12°57'08 | 20°30 | 2°27 | 4°19 | 18° 1 | 21°12 | 16°38 | 25°40 | 5°12 | 8°42 | 11°29 | 12°56 | 19°40 | 7°59 |
| S 6 | 4 59 5 | 13°58'08 | 4♁57 | 3°45 | 5°35 | 18°37 | 21°18 | 16°33 | 25°38 | 5°12 | 8°44 | 11°D27 | 12°53 | 19°46 | 8° 0 |
| S 7 | 5 3 1 | 14°59'07 | 19°18 | 5° 1 | 6°50 | 19°13 | 21°24 | 16°28 | 25°37 | 5°R12 | 8°46 | 11°28 | 12°50 | 19°53 | 8° 1 |
| M 8 | 5 6 58 | 16° 0'08 | 3°H31 | 6°14 | 8° 6 | 19°49 | 21°29 | 16°23 | 25°36 | 5°12 | 8°48 | 11°28 | 12°46 | 19°59 | 8° 2 |
| T 9 | 5 10 54 | 17° 1'09 | 17°35 | 7°24 | 9°21 | 20°26 | 21°35 | 16°18 | 25°34 | 5°12 | 8°50 | 11°R29 | 12°43 | 20° 6 | 8° 3 |
| W10 | 5 14 51 | 18° 2'10 | 1°V29 | 8°30 | 10°37 | 21° 2 | 21°40 | 16°13 | 25°33 | 5°12 | 8°52 | 11°28 | 12°40 | 20°13 | 8° 4 |
| T 11 | 5 18 48 | 19° 3'12 | 15°12 | 9°33 | 11°52 | 21°38 | 21°45 | 16° 8 | 25°32 | 5°12 | 8°54 | 11°25 | 12°37 | 20°19 | 8° 6 |
| F 12 | 5 22 44 | 20° 4'14 | 28°45 | 10°30 | 13° 8 | 22°15 | 21°50 | 16° 3 | 25°31 | 5°12 | 8°56 | 11°20 | 12°34 | 20°26 | 8° 7 |
| S 13 | 5 26 41 | 21° 5'17 | 12♁ 7 | 11°23 | 14°23 | 22°52 | 21°55 | 15°58 | 25°30 | 5°11 | 8°58 | 11°12 | 12°31 | 20°33 | 8° 8 |
| S 14 | 5 30 37 | 22° 6'20 | 25°17 | 12° 9 | 15°39 | 23°28 | 21°59 | 15°53 | 25°29 | 5°11 | 9° 0 | 11° 3 | 12°27 | 20°39 | 8°10 |
| M15 | 5 34 34 | 23° 7'24 | 8°H15 | 12°49 | 16°54 | 24° 5 | 22° 4 | 15°48 | 25°28 | 5°11 | 9° 2 | 10°54 | 12°24 | 20°46 | 8°11 |
| T 16 | 5 38 30 | 24° 8'29 | 20°59 | 13°20 | 18°10 | 24°42 | 22° 8 | 15°44 | 25°27 | 5°11 | 9° 4 | 10°46 | 12°21 | 20°53 | 8°13 |
| W17 | 5 42 27 | 25° 9'34 | 3♁29 | 13°44 | 19°25 | 25°19 | 22°12 | 15°39 | 25°26 | 5°10 | 9° 6 | 10°38 | 12°18 | 20°59 | 8°15 |
| T 18 | 5 46 23 | 26°10'39 | 15°46 | 13°57 | 20°41 | 25°56 | 22°16 | 15°34 | 25°25 | 5°10 | 9° 8 | 10°33 | 12°15 | 21° 6 | 8°16 |
| F 19 | 5 50 20 | 27°11'45 | 27°52 | 14°R 0 | 21°56 | 26°33 | 22°20 | 15°29 | 25°24 | 5°10 | 9°10 | 10°30 | 12°12 | 21°13 | 8°18 |
| S 20 | 5 54 17 | 28°12'52 | 9♁47 | 13°52 | 23°12 | 27°11 | 22°23 | 15°24 | 25°23 | 5° 9 | 9°12 | 10°D29 | 12° 8 | 21°19 | 8°20 |
| S 21 | 5 58 13 | 29°13'59 | 21°37 | 13°33 | 24°27 | 27°48 | 22°27 | 15°20 | 25°23 | 5° 9 | 9°14 | 10°30 | 12° 5 | 21°26 | 8°22 |
| M22 | 6 2 10 | 0♁15'06 | 3♁23 | 13° 1 | 25°43 | 28°25 | 22°30 | 15°15 | 25°22 | 5° 8 | 9°16 | 10°31 | 12° 2 | 21°33 | 8°23 |
| T 23 | 6 6 6 | 1°16'15 | 15°12 | 12°18 | 26°58 | 29° 3 | 22°33 | 15°10 | 25°21 | 5° 8 | 9°18 | 10°33 | 11°59 | 21°39 | 8°25 |
| W24 | 6 10 3 | 2°17'23 | 27° 8 | 11°24 | 28°14 | 29°40 | 22°36 | 15° 6 | 25°21 | 5° 7 | 9°21 | 10°R34 | 11°56 | 21°46 | 8°27 |
| T 25 | 6 13 59 | 3°18'32 | 9♁17 | 10°20 | 29°29 | 0°V18 | 22°38 | 15° 1 | 25°20 | 5° 7 | 9°23 | 10°34 | 11°52 | 21°52 | 8°29 |
| F 26 | 6 17 56 | 4°19'42 | 21°43 | 9° 9 | 0♁45 | 0°56 | 22°41 | 14°56 | 25°20 | 5° 6 | 9°25 | 10°33 | 11°49 | 21°59 | 8°32 |
| S 27 | 6 21 52 | 5°20'52 | 4♁31 | 7°51 | 2° 0 | 1°33 | 22°43 | 14°52 | 25°19 | 5° 6 | 9°27 | 10°29 | 11°46 | 22° 6 | 8°34 |
| S 28 | 6 25 49 | 6°22'03 | 17°44 | 6°30 | 3°16 | 2°11 | 22°45 | 14°48 | 25°19 | 5° 5 | 9°29 | 10°25 | 11°43 | 22°12 | 8°36 |
| M29 | 6 29 46 | 7°23'14 | 1♁24 | 5° 8 | 4°31 | 2°49 | 22°47 | 14°43 | 25°19 | 5° 4 | 9°31 | 10°19 | 11°40 | 22°19 | 8°38 |
| T 30 | 6 33 42 | 8°24'25 | 15°29 | 3°49 | 5°47 | 3°27 | 22°49 | 14°39 | 25°18 | 5° 3 | 9°33 | 10°14 | 11°37 | 22°26 | 8°40 |
| W31 | 6 37 39 | 9♁25'37 | 29♁56 | 2♁34 | 7♁ 3 | 4°V 5 | 22♁50 | 14°H35 | 25°V18 | 5♁ 3 | 9♁35 | 10♁ 9 | 11♁33 | 22♁32 | 8°H43 |

Delta T = 15.35 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]