

SWISS EPHEMERIS for the year 1666

JANUARY 1666GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|------|-------|-------|-------|-------|--------|--------|-------|-------|-------|
| F 1 | 6 43 23 | 10°58'09 | 17♁19 | 21♁34 | 13♁2 | 0♁16 | 22♁46 | 11♁22 | 18♁7 | 19♁22 | 26°R13 | 14°R49 | 14♁55 | 22♁59 | 18♁15 |
| S 2 | 6 47 20 | 11°59'21 | 0♁58 | 23°12 | 14°17 | 0°36 | 22°59 | 11°29 | 18°10 | 19°25 | 26♁11 | 14♁48 | 14°52 | 23°6 | 18°19 |
| S 3 | 6 51 16 | 13°0'32 | 14°25 | 24°51 | 15°32 | 0°56 | 23°12 | 11°36 | 18°13 | 19°27 | 26°10 | 14°48 | 14°49 | 23°12 | 18°22 |
| M 4 | 6 55 13 | 14°1'43 | 27°38 | 26°29 | 16°46 | 1°16 | 23°24 | 11°44 | 18°16 | 19°29 | 26°9 | 14°48 | 14°46 | 23°19 | 18°26 |
| T 5 | 6 59 9 | 15°2'54 | 10♁38 | 28°7 | 18°1 | 1°36 | 23°37 | 11°51 | 18°19 | 19°31 | 26°8 | 14°48 | 14°42 | 23°26 | 18°30 |
| W 6 | 7 3 6 | 16°4'05 | 23°23 | 29°44 | 19°16 | 1°54 | 23°50 | 11°58 | 18°22 | 19°34 | 26°7 | 14°48 | 14°39 | 23°33 | 18°34 |
| T 7 | 7 7 2 | 17°5'15 | 5♁54 | 1♁21 | 20°30 | 2°13 | 24°3 | 12°5 | 18°25 | 19°36 | 26°6 | 14°48 | 14°36 | 23°39 | 18°38 |
| F 8 | 7 10 59 | 18°6'25 | 18°13 | 2°57 | 21°45 | 2°31 | 24°16 | 12°12 | 18°29 | 19°38 | 26°5 | 14°47 | 14°33 | 23°46 | 18°41 |
| S 9 | 7 14 55 | 19°7'35 | 0♁20 | 4°32 | 23°0 | 2°49 | 24°29 | 12°19 | 18°32 | 19°40 | 26°3 | 14°47 | 14°30 | 23°53 | 18°45 |
| S 10 | 7 18 52 | 20°8'43 | 12°19 | 6°5 | 24°15 | 3°6 | 24°42 | 12°26 | 18°35 | 19°43 | 26°2 | 14°46 | 14°27 | 23°59 | 18°49 |
| M11 | 7 22 49 | 21°9'51 | 24°12 | 7°37 | 25°29 | 3°23 | 24°56 | 12°33 | 18°38 | 19°45 | 26°1 | 14°45 | 14°23 | 24°6 | 18°53 |
| T 12 | 7 26 45 | 22°10'58 | 6♁3 | 9°7 | 26°44 | 3°39 | 25°9 | 12°40 | 18°41 | 19°47 | 26°0 | 14°45 | 14°20 | 24°13 | 18°57 |
| W13 | 7 30 42 | 23°12'05 | 17°57 | 10°34 | 27°59 | 3°55 | 25°22 | 12°47 | 18°44 | 19°50 | 25°59 | 14°D44 | 14°17 | 24°20 | 19°1 |
| T 14 | 7 34 38 | 24°13'10 | 29°58 | 11°58 | 29°14 | 4°11 | 25°35 | 12°54 | 18°48 | 19°52 | 25°58 | 14°44 | 14°14 | 24°26 | 19°5 |
| F 15 | 7 38 35 | 25°14'15 | 12♁12 | 13°19 | 0♁28 | 4°26 | 25°49 | 13°1 | 18°51 | 19°54 | 25°57 | 14°45 | 14°11 | 24°33 | 19°9 |
| S 16 | 7 42 31 | 26°15'19 | 24°42 | 14°35 | 1°43 | 4°40 | 26°2 | 13°8 | 18°54 | 19°56 | 25°56 | 14°46 | 14°8 | 24°40 | 19°13 |
| S 17 | 7 46 28 | 27°16'21 | 7♁33 | 15°46 | 2°58 | 4°55 | 26°16 | 13°15 | 18°57 | 19°59 | 25°55 | 14°47 | 14°4 | 24°46 | 19°17 |
| M18 | 7 50 24 | 28°17'23 | 20°46 | 16°52 | 4°13 | 5°8 | 26°29 | 13°22 | 19°1 | 20°1 | 25°54 | 14°48 | 14°1 | 24°53 | 19°22 |
| T 19 | 7 54 21 | 29°18'24 | 4♁24 | 17°51 | 5°27 | 5°21 | 26°43 | 13°29 | 19°4 | 20°3 | 25°53 | 14°49 | 13°58 | 25°0 | 19°26 |
| W20 | 7 58 18 | 0♁19'24 | 18°26 | 18°43 | 6°42 | 5°34 | 26°57 | 13°36 | 19°7 | 20°5 | 25°52 | 14°R49 | 13°55 | 25°7 | 19°30 |
| T 21 | 8 2 14 | 1°20'23 | 2♁48 | 19°26 | 7°57 | 5°46 | 27°11 | 13°42 | 19°11 | 20°8 | 25°51 | 14°48 | 13°52 | 25°13 | 19°34 |
| F 22 | 8 6 11 | 2°21'21 | 17°26 | 20°1 | 9°12 | 5°57 | 27°24 | 13°49 | 19°14 | 20°10 | 25°50 | 14°47 | 13°48 | 25°20 | 19°38 |
| S 23 | 8 10 7 | 3°22'19 | 2♁12 | 20°25 | 10°26 | 6°8 | 27°38 | 13°56 | 19°17 | 20°12 | 25°49 | 14°45 | 13°45 | 25°27 | 19°42 |
| S 24 | 8 14 4 | 4°23'15 | 16°58 | 20°39 | 11°41 | 6°18 | 27°52 | 14°3 | 19°21 | 20°14 | 25°48 | 14°42 | 13°42 | 25°33 | 19°46 |
| M25 | 8 18 0 | 5°24'11 | 1♁39 | 20°R43 | 12°56 | 6°28 | 28°6 | 14°10 | 19°24 | 20°17 | 25°47 | 14°39 | 13°39 | 25°40 | 19°51 |
| T 26 | 8 21 57 | 6°25'06 | 16°8 | 20°35 | 14°11 | 6°37 | 28°20 | 14°16 | 19°28 | 20°19 | 25°47 | 14°37 | 13°36 | 25°47 | 19°55 |
| W27 | 8 25 53 | 7°26'00 | 0♁20 | 20°16 | 15°26 | 6°46 | 28°34 | 14°23 | 19°31 | 20°21 | 25°46 | 14°36 | 13°33 | 25°54 | 19°59 |
| T 28 | 8 29 50 | 8°26'53 | 14°15 | 19°45 | 16°41 | 6°54 | 28°48 | 14°30 | 19°34 | 20°23 | 25°45 | 14°D36 | 13°29 | 26°0 | 20°3 |
| F 29 | 8 33 47 | 9°27'46 | 27°52 | 19°5 | 17°55 | 7°1 | 29°2 | 14°37 | 19°38 | 20°25 | 25°44 | 14°37 | 13°26 | 26°7 | 20°8 |
| S 30 | 8 37 43 | 10°28'38 | 11♁11 | 18°15 | 19°10 | 7°8 | 29°16 | 14°43 | 19°41 | 20°28 | 25°43 | 14°38 | 13°23 | 26°14 | 20°12 |
| S 31 | 8 41 40 | 11°29'29 | 24♁15 | 17♁17 | 20♁25 | 7♁14 | 29°30 | 14♁50 | 19♁45 | 20♁30 | 25♁42 | 14♁40 | 13♁20 | 26♁20 | 20♁16 |

Delta T = 29.00 sec.

Greg. Calendar

FEBRUARY 1666GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|
| M 1 | 8 45 36 | 12°30'19 | 7♁4 | 16°R13 | 21♁40 | 7♁19 | 29°44 | 14♁56 | 19°48 | 20♁32 | 25°R42 | 14♁41 | 13♁17 | 26♁27 | 20°21 |
| T 2 | 8 49 33 | 13°31'08 | 19°42 | 15°5 | 22°55 | 7°24 | 29°58 | 15°3 | 19°52 | 20°34 | 25♁41 | 14°R41 | 13°14 | 26°34 | 20°25 |
| W 3 | 8 53 29 | 14°31'55 | 2♁9 | 13°53 | 24°10 | 7°28 | 0♁13 | 15°9 | 19°55 | 20°36 | 25°40 | 14°40 | 13°10 | 26°41 | 20°29 |
| T 4 | 8 57 26 | 15°32'42 | 14°26 | 12°42 | 25°24 | 7°31 | 0°27 | 15°16 | 19°59 | 20°38 | 25°39 | 14°37 | 13°7 | 26°47 | 20°33 |
| F 5 | 9 1 22 | 16°33'27 | 26°34 | 11°32 | 26°39 | 7°33 | 0°41 | 15°22 | 20°2 | 20°40 | 25°39 | 14°33 | 13°4 | 26°54 | 20°38 |
| S 6 | 9 5 19 | 17°34'11 | 8♁36 | 10°24 | 27°54 | 7°35 | 0°55 | 15°29 | 20°5 | 20°42 | 25°38 | 14°27 | 13°1 | 27°1 | 20°42 |
| S 7 | 9 9 16 | 18°34'53 | 20°32 | 9°22 | 29°9 | 7°37 | 1°10 | 15°35 | 20°9 | 20°45 | 25°37 | 14°20 | 12°58 | 27°7 | 20°46 |
| M 8 | 9 13 12 | 19°35'33 | 2♁24 | 8°25 | 0♁24 | 7°R37 | 1°24 | 15°41 | 20°12 | 20°47 | 25°37 | 14°13 | 12°54 | 27°14 | 20°51 |
| T 9 | 9 17 9 | 20°36'12 | 14°15 | 7°35 | 1°39 | 7°37 | 1°38 | 15°48 | 20°16 | 20°49 | 25°36 | 14°8 | 12°51 | 27°21 | 20°55 |
| W10 | 9 21 5 | 21°36'49 | 26°8 | 6°53 | 2°53 | 7°36 | 1°53 | 15°54 | 20°19 | 20°51 | 25°35 | 14°3 | 12°48 | 27°28 | 20°59 |
| T 11 | 9 25 2 | 22°37'25 | 8♁7 | 6°18 | 4°8 | 7°34 | 2°7 | 16°0 | 20°23 | 20°53 | 25°35 | 14°0 | 12°45 | 27°34 | 21°4 |
| F 12 | 9 28 58 | 23°37'59 | 20°17 | 5°51 | 5°23 | 7°31 | 2°22 | 16°6 | 20°26 | 20°55 | 25°34 | 13°D59 | 12°42 | 27°41 | 21°8 |
| S 13 | 9 32 55 | 24°38'31 | 2♁41 | 5°31 | 6°38 | 7°28 | 2°36 | 16°12 | 20°30 | 20°57 | 25°34 | 13°59 | 12°39 | 27°48 | 21°12 |
| S 14 | 9 36 51 | 25°39'01 | 15°26 | 5°19 | 7°53 | 7°24 | 2°50 | 16°18 | 20°33 | 20°59 | 25°33 | 14°0 | 12°35 | 27°55 | 21°17 |
| M15 | 9 40 48 | 26°39'29 | 28°34 | 5°D15 | 9°7 | 7°19 | 3°5 | 16°24 | 20°37 | 21°1 | 25°33 | 14°2 | 12°32 | 28°1 | 21°21 |
| T 16 | 9 44 45 | 27°39'56 | 12♁10 | 5°17 | 10°22 | 7°13 | 3°19 | 16°30 | 20°40 | 21°3 | 25°32 | 14°R2 | 12°29 | 28°8 | 21°25 |
| W17 | 9 48 41 | 28°40'20 | 26°14 | 5°26 | 11°37 | 7°7 | 3°34 | 16°36 | 20°44 | 21°4 | 25°32 | 14°2 | 12°26 | 28°15 | 21°29 |
| T 18 | 9 52 38 | 29°40'43 | 10♁45 | 5°41 | 12°52 | 7°0 | 3°48 | 16°42 | 20°47 | 21°6 | 25°31 | 13°59 | 12°23 | 28°21 | 21°34 |
| F 19 | 9 56 34 | 0♁41'04 | 25°38 | 6°1 | 14°6 | 6°52 | 4°3 | 16°47 | 20°50 | 21°8 | 25°31 | 13°54 | 12°19 | 28°28 | 21°38 |
| S 20 | 10 0 31 | 1°41'23 | 10♁46 | 6°28 | 15°21 | 6°43 | 4°17 | 16°53 | 20°54 | 21°10 | 25°30 | 13°48 | 12°16 | 28°35 | 21°42 |
| S 21 | 10 4 27 | 2°41'40 | 25°58 | 6°59 | 16°36 | 6°33 | 4°32 | 16°59 | 20°57 | 21°12 | 25°30 | 13°40 | 12°13 | 28°42 | 21°47 |
| M22 | 10 8 24 | 3°41'56 | 11♁3 | 7°34 | 17°51 | 6°23 | 4°46 | 17°4 | 21°1 | 21°14 | 25°30 | 13°32 | 12°10 | 28°48 | 21°51 |
| T 23 | 10 12 20 | 4°42'10 | 25°54 | 8°14 | 19°5 | 6°12 | 5°1 | 17°10 | 21°4 | 21°15 | 25°29 | 13°26 | 12°7 | 28°55 | 21°55 |
| W24 | 10 16 17 | 5°42'23 | 10♁23 | 8°58 | 20°20 | 6°0 | 5°15 | 17°15 | 21°8 | 21°17 | 25°29 | 13°21 | 12°4 | 29°2 | 21°59 |
| T 25 | 10 20 14 | 6°42'34 | 24°26 | 9°46 | 21°35 | 5°48 | 5°30 | 17°21 | 21°11 | 21°19 | 25°29 | 13°18 | 12°0 | 29°8 | 22°3 |
| F 26 | 10 24 10 | 7°42'44 | 8♁7 | 10°37 | 22°49 | 5°34 | 5°44 | 17°26 | 21°14 | 21°21 | 25°28 | 13°D18 | 11°57 | 29°15 | 22°8 |
| S 27 | 10 28 7 | 8°42'52 | 21°17 | 11°31 | 24°4 | 5°20 | 5°59 | 17°32 | 21°18 | 21°22 | 25°28 | 13°18 | 11°54 | 29°22 | 22°12 |
| S 28 | 10 32 3 | 9°42'59 | 4♁10 | 12°29 | 25°19 | 5♁5 | 6♁13 | 17♁37 | 21°21 | 21°24 | 25♁28 | 13♁19 | 11♁51 | 29♁29 | 22°16 |

Delta T = 28.94 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodiens AG [5.1.2003]

SWISS EPHEMERIS for the year 1666

MARCH 1666GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---|
| M 1 | 10 36 0 | 10 ✕ 43'04 | 16 3 46 | 13 2 29 | 26 2 34 | 4°R50 | 6 ✕ 28 | 17 3 42 | 21 2 24 | 21 3 26 | 25°R28 | 13°R19 | 11 2 48 | 29 ✕ 35 | 22 2 20 | |
| T 2 | 10 39 56 | 11°43'08 | 29° 8 | 14°31 | 27°48 | 4 2 34 | 6°42 | 17°47 | 21°28 | 21°27 | 25 II 28 | 13 2 18 | 11°45 | 29°42 | 22°24 | |
| W 3 | 10 43 53 | 12°43'09 | 11 2 20 | 15°36 | 29° 3 | 4°17 | 6°57 | 17°52 | 21°31 | 21°29 | 25°27 | 13°14 | 11°41 | 29°49 | 22°28 | |
| T 4 | 10 47 49 | 13°43'09 | 23°24 | 16°43 | 0 ✕ 18 | 3°59 | 7°11 | 17°57 | 21°34 | 21°31 | 25°27 | 13° 8 | 11°38 | 29°55 | 22°33 | |
| F 5 | 10 51 46 | 14°43'07 | 5 ✕ 23 | 17°53 | 1°32 | 3°41 | 7°25 | 18° 2 | 21°38 | 21°32 | 25°27 | 12°58 | 11°35 | 0 Y 2 | 22°37 | |
| S 6 | 10 55 43 | 15°43'03 | 17°18 | 19° 4 | 2°47 | 3°22 | 7°40 | 18° 7 | 21°41 | 21°34 | 25°27 | 12°47 | 11°32 | 0° 9 | 22°41 | |
| S 7 | 10 59 39 | 16°42'57 | 29°11 | 20°18 | 4° 2 | 3° 3 | 7°54 | 18°12 | 21°44 | 21°35 | 25°27 | 12°35 | 11°29 | 0°16 | 22°45 | |
| M 8 | 11 3 36 | 17°42'49 | 11 Y 3 | 21°33 | 5°16 | 2°43 | 8° 9 | 18°16 | 21°47 | 21°37 | 25°27 | 12°22 | 11°25 | 0°22 | 22°49 | |
| T 9 | 11 7 32 | 18°42'39 | 22°55 | 22°50 | 6°31 | 2°23 | 8°23 | 18°21 | 21°50 | 21°38 | 25°D27 | 12°10 | 11°22 | 0°29 | 22°53 | |
| W10 | 11 11 29 | 19°42'27 | 4 8 50 | 24° 9 | 7°46 | 2° 2 | 8°37 | 18°26 | 21°54 | 21°39 | 25°27 | 12° 0 | 11°19 | 0°36 | 22°57 | |
| T 11 | 11 15 25 | 20°42'13 | 16°50 | 25°29 | 9° 0 | 1°41 | 8°52 | 18°30 | 21°57 | 21°41 | 25°27 | 11°52 | 11°16 | 0°42 | 23° 1 | |
| F 12 | 11 19 22 | 21°41'56 | 28°59 | 26°51 | 10°15 | 1°19 | 9° 6 | 18°34 | 22° 0 | 21°42 | 25°27 | 11°47 | 11°13 | 0°49 | 23° 4 | |
| S 13 | 11 23 18 | 22°41'37 | 11 II 21 | 28°15 | 11°29 | 0°57 | 9°20 | 18°39 | 22° 3 | 21°44 | 25°27 | 11°45 | 11°10 | 0°56 | 23° 8 | |
| S 14 | 11 27 15 | 23°41'16 | 24° 0 | 29°40 | 12°44 | 0°35 | 9°35 | 18°43 | 22° 6 | 21°45 | 25°27 | 11°D44 | 11° 6 | 1° 3 | 23°12 | |
| M15 | 11 31 12 | 24°40'53 | 7 2 2 | 1 ✕ 6 | 13°59 | 0°12 | 9°49 | 18°47 | 22° 9 | 21°46 | 25°27 | 11°R44 | 11° 3 | 1° 9 | 23°16 | |
| T 16 | 11 35 8 | 25°40'28 | 20°28 | 2°34 | 15°13 | 29 II 49 | 10° 3 | 18°51 | 22°12 | 21°47 | 25°28 | 11°44 | 11° 0 | 1°16 | 23°20 | |
| W17 | 11 39 5 | 26°40'00 | 4 8 24 | 4° 4 | 16°28 | 29°26 | 10°17 | 18°55 | 22°15 | 21°49 | 25°28 | 11°42 | 10°57 | 1°23 | 23°24 | |
| T 18 | 11 43 1 | 27°39'29 | 18°49 | 5°34 | 17°42 | 29° 3 | 10°32 | 18°59 | 22°18 | 21°50 | 25°28 | 11°38 | 10°54 | 1°30 | 23°27 | |
| F 19 | 11 46 58 | 28°38'57 | 3 II 40 | 7° 7 | 18°57 | 28°40 | 10°46 | 19° 3 | 22°21 | 21°51 | 25°28 | 11°31 | 10°51 | 1°36 | 23°31 | |
| S 20 | 11 50 54 | 29°38'22 | 18°51 | 8°40 | 20°11 | 28°17 | 11° 0 | 19° 7 | 22°24 | 21°52 | 25°28 | 11°22 | 10°47 | 1°43 | 23°35 | |
| S 21 | 11 54 51 | 0 Y 37'45 | 4 2 13 | 10°15 | 21°26 | 27°53 | 11°14 | 19°11 | 22°27 | 21°53 | 25°29 | 11°11 | 10°44 | 1°50 | 23°38 | |
| M22 | 11 58 47 | 1°37'06 | 19°32 | 11°51 | 22°40 | 27°30 | 11°28 | 19°14 | 22°30 | 21°54 | 25°29 | 11° 0 | 10°41 | 1°56 | 23°42 | |
| T 23 | 12 2 44 | 2°36'25 | 4 II 39 | 13°29 | 23°55 | 27° 7 | 11°42 | 19°18 | 22°33 | 21°55 | 25°29 | 10°51 | 10°38 | 2° 3 | 23°46 | |
| W24 | 12 6 40 | 3°35'42 | 19°23 | 15° 8 | 25° 9 | 26°43 | 11°56 | 19°21 | 22°36 | 21°56 | 25°29 | 10°43 | 10°35 | 2°10 | 23°49 | |
| T 25 | 12 10 37 | 4°34'57 | 3 ✕ 39 | 16°48 | 26°23 | 26°20 | 12°10 | 19°25 | 22°38 | 21°57 | 25°30 | 10°38 | 10°31 | 2°17 | 23°53 | |
| F 26 | 12 14 34 | 5°34'11 | 17°26 | 18°30 | 27°38 | 25°58 | 12°24 | 19°28 | 22°41 | 21°58 | 25°30 | 10°35 | 10°28 | 2°23 | 23°56 | |
| S 27 | 12 18 30 | 6°33'23 | 0 3 44 | 20°13 | 28°52 | 25°35 | 12°38 | 19°31 | 22°44 | 21°59 | 25°31 | 10°34 | 10°25 | 2°30 | 24° 0 | |
| S 28 | 12 22 27 | 7°32'33 | 13°37 | 21°57 | 0 Y 7 | 25°13 | 12°52 | 19°34 | 22°47 | 22° 0 | 25°31 | 10°34 | 10°22 | 2°37 | 24° 3 | |
| M29 | 12 26 23 | 8°31'41 | 26°10 | 23°43 | 1°21 | 24°51 | 13° 5 | 19°37 | 22°49 | 22° 1 | 25°31 | 10°34 | 10°19 | 2°43 | 24° 6 | |
| T 30 | 12 30 20 | 9°30'48 | 8 2 26 | 25°31 | 2°36 | 24°29 | 13°19 | 19°40 | 22°52 | 22° 2 | 25°32 | 10°31 | 10°16 | 2°50 | 24°10 | |
| W31 | 12 34 16 | 10 Y 29'53 | 20 2 31 | 27 ✕ 20 | 3 Y 50 | 24 II 8 | 13 ✕ 33 | 19 3 43 | 22 2 55 | 22 3 3 | 25 II 32 | 10 2 27 | 10 2 12 | 2 Y 57 | 24 2 13 | |

Delta T = 28.88 sec. Greg. Calendar

APRIL 1666GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-------------------|-------------------|-------------------|--------------------|---|
| T 1 | 12 38 13 | 11 Y 28'55 | 2 ✕ 28 | 29 ✕ 10 | 5 Y 4 | 23°R47 | 13 ✕ 46 | 19 3 46 | 22 2 57 | 22 3 3 | 25 II 33 | 10°R19 | 10 2 9 | 3 Y 4 | 24 2 16 | |
| F 2 | 12 42 9 | 12°27'56 | 14°21 | 1 Y 1 | 6°19 | 23 II 27 | 14° 0 | 19°49 | 23° 0 | 22° 4 | 25°33 | 10 2 9 | 10° 6 | 3°10 | 24°19 | |
| S 3 | 12 46 6 | 13°26'55 | 26°13 | 2°55 | 7°33 | 23° 7 | 14°14 | 19°51 | 23° 2 | 22° 5 | 25°34 | 9°56 | 10° 3 | 3°17 | 24°23 | |
| S 4 | 12 50 3 | 14°25'52 | 8 Y 4 | 4°49 | 8°47 | 22°48 | 14°27 | 19°54 | 23° 5 | 22° 6 | 25°34 | 9°42 | 10° 0 | 3°24 | 24°26 | |
| M 5 | 12 53 59 | 15°24'47 | 19°58 | 6°45 | 10° 2 | 22°29 | 14°41 | 19°56 | 23° 7 | 22° 6 | 25°35 | 9°27 | 9°56 | 3°31 | 24°29 | |
| T 6 | 12 57 56 | 16°23'40 | 1 8 54 | 8°43 | 11°16 | 22°11 | 14°54 | 19°58 | 23°10 | 22° 7 | 25°36 | 9°14 | 9°53 | 3°37 | 24°32 | |
| W 7 | 13 1 52 | 17°22'31 | 13°55 | 10°41 | 12°30 | 21°54 | 15° 7 | 20° 1 | 23°12 | 22° 7 | 25°36 | 9° 2 | 9°50 | 3°44 | 24°35 | |
| T 8 | 13 5 49 | 18°21'19 | 26° 2 | 12°42 | 13°44 | 21°37 | 15°21 | 20° 3 | 23°14 | 22° 8 | 25°37 | 8°53 | 9°47 | 3°51 | 24°38 | |
| F 9 | 13 9 45 | 19°20'06 | 8 II 17 | 14°43 | 14°59 | 21°21 | 15°34 | 20° 5 | 23°17 | 22° 8 | 25°38 | 8°47 | 9°44 | 3°57 | 24°41 | |
| S 10 | 13 13 42 | 20°18'50 | 20°43 | 16°46 | 16°13 | 21° 5 | 15°47 | 20° 7 | 23°19 | 22° 9 | 25°38 | 8°44 | 9°41 | 4° 4 | 24°43 | |
| S 11 | 13 17 38 | 21°17'33 | 3 2 24 | 18°50 | 17°27 | 20°51 | 16° 0 | 20° 8 | 23°21 | 22° 9 | 25°39 | 8°D42 | 9°37 | 4°11 | 24°46 | |
| M12 | 13 21 35 | 22°16'13 | 16°23 | 20°55 | 18°41 | 20°37 | 16°13 | 20°10 | 23°23 | 22°10 | 25°40 | 8°R42 | 9°34 | 4°18 | 24°49 | |
| T 13 | 13 25 32 | 23°14'50 | 29°44 | 23° 1 | 19°56 | 20°23 | 16°26 | 20°12 | 23°25 | 22°10 | 25°40 | 8°42 | 9°31 | 4°24 | 24°52 | |
| W14 | 13 29 28 | 24°13'26 | 13 2 30 | 25° 8 | 21°10 | 20°11 | 16°39 | 20°13 | 23°27 | 22°10 | 25°41 | 8°41 | 9°28 | 4°31 | 24°54 | |
| T 15 | 13 33 25 | 25°11'59 | 27°42 | 27°15 | 22°24 | 19°59 | 16°52 | 20°15 | 23°29 | 22°11 | 25°42 | 8°38 | 9°25 | 4°38 | 24°57 | |
| F 16 | 13 37 21 | 26°10'30 | 12 II 20 | 29°23 | 23°38 | 19°48 | 17° 5 | 20°16 | 23°32 | 22°11 | 25°43 | 8°32 | 9°22 | 4°44 | 25° 0 | |
| S 17 | 13 41 18 | 27° 8'59 | 27°18 | 1 8 31 | 24°52 | 19°38 | 17°18 | 20°18 | 23°33 | 22°11 | 25°44 | 8°24 | 9°18 | 4°51 | 25° 2 | |
| S 18 | 13 45 14 | 28° 7'25 | 12 2 30 | 3°38 | 26° 6 | 19°29 | 17°31 | 20°19 | 23°35 | 22°11 | 25°44 | 8°14 | 9°15 | 4°58 | 25° 5 | |
| M19 | 13 49 11 | 29° 5'50 | 27°44 | 5°46 | 27°20 | 19°21 | 17°43 | 20°20 | 23°37 | 22°12 | 25°45 | 8° 4 | 9°12 | 5° 5 | 25° 7 | |
| T 20 | 13 53 7 | 0 8 4'13 | 12 II 51 | 7°52 | 28°35 | 19°13 | 17°56 | 20°21 | 23°39 | 22°12 | 25°46 | 7°54 | 9° 9 | 5°11 | 25° 9 | |
| W21 | 13 57 4 | 1° 2'34 | 27°39 | 9°58 | 29°49 | 19° 6 | 18° 8 | 20°22 | 23°41 | 22°12 | 25°47 | 7°47 | 9° 6 | 5°18 | 25°12 | |
| T 22 | 14 1 1 | 2° 0'53 | 12 ✕ 3 | 12° 2 | 1 8 3 | 19° 0 | 18°21 | 20°22 | 23°43 | 22°12 | 25°48 | 7°42 | 9° 2 | 5°25 | 25°14 | |
| F 23 | 14 4 57 | 2°59'11 | 25°57 | 14° 5 | 2°17 | 18°54 | 18°33 | 20°23 | 23°45 | 22°12 | 25°49 | 7°40 | 8°59 | 5°32 | 25°16 | |
| S 24 | 14 8 54 | 3°57'28 | 9 3 23 | 16° 6 | 3°31 | 18°50 | 18°45 | 20°24 | 23°46 | 22°R12 | 25°50 | 7°D39 | 8°56 | 5°38 | 25°18 | |
| S 25 | 14 12 50 | 4°55'42 | 22°22 | 18° 5 | 4°45 | 18°46 | 18°57 | 20°24 | 23°48 | 22°12 | 25°51 | 7°40 | 8°53 | 5°45 | 25°20 | |
| M26 | 14 16 47 | 5°53'55 | 4 2 58 | 20° 1 | 5°59 | 18°43 | 19° 9 | 20°25 | 23°49 | 22°12 | 25°52 | 7°R40 | 8°50 | 5°52 | 25°22 | |
| T 27 | 14 20 43 | 6°52'07 | 17°16 | 21°54 | 7°13 | 18°41 | 19°21 | 20°25 | 23°51 | 22°12 | 25°53 | 7°40 | 8°47 | 5°58 | 25°24 | |
| W28 | 14 24 40 | 7°50'17 | 29°20 | 23°45 | 8°27 | 18°39 | 19°33 | 20°25 | 23°53 | 22°12 | 25°54 | 7°37 | 8°43 | 6° 5 | 25°26 | |
| T 29 | 14 28 36 | 8°48'26 | 11 ✕ 16 | 25°32 | 9°41 | 18°D38 | 19°45 | 20°R25 | 23°54 | 22°12 | 25°55 | 7°32 | 8°40 | 6°12 | 25°28 | |
| F 30 | 14 32 33 | 9 2 46'33 | 23 ✕ 8 | 27 2 16 | 10 2 55 | 18 II 38 | 19 ✕ 57 | 20 3 25 | 23 2 55 | 22 3 11 | 25 II 56 | 7 2 25 | 8 2 37 | 6 Y 19 | 25 2 30 | |

Delta T = 28.81 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [5.1.2003]

SWISS EPHEMERIS for the year 1666

MAY 1666GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|--------|-------|-------|-------|--------|--------|--------|-------|-------|------|------|--------|---|---|---|---|---|---|---|---|
| S 1 | 14 36 30 | 10♁44'39 | 4♃59 | 28♂57 | 12♂ 9 | 18♎39 | 20♁ 9 | 20°R25 | 23♁57 | 22°R11 | 25♁57 | 7°R16 | 8♁34 | 6♃25 | 25♁32 | | | | | | | | |
| S 2 | 14 40 26 | 11°42'43 | 16°52 | 0♁34 | 13°23 | 18°41 | 20°20 | 20♁25 | 23°58 | 22♁11 | 25°58 | 7♁ 6 | 8°31 | 6°32 | 25°34 | | | | | | | | |
| M 3 | 14 44 23 | 12°40'45 | 28°49 | 2° 8 | 14°37 | 18°43 | 20°32 | 20°25 | 23°59 | 22°11 | 25°59 | 6°56 | 8°28 | 6°39 | 25°35 | | | | | | | | |
| T 4 | 14 48 19 | 13°38'46 | 10♂52 | 3°38 | 15°51 | 18°46 | 20°43 | 20°24 | 24° 1 | 22°10 | 26° 0 | 6°46 | 8°24 | 6°46 | 25°37 | | | | | | | | |
| W 5 | 14 52 16 | 14°36'46 | 23° 2 | 5° 3 | 17° 5 | 18°50 | 20°55 | 20°24 | 24° 2 | 22°10 | 26° 1 | 6°37 | 8°21 | 6°52 | 25°38 | | | | | | | | |
| T 6 | 14 56 12 | 15°34'44 | 5♁21 | 6°26 | 18°19 | 18°54 | 21° 6 | 20°23 | 24° 3 | 22°10 | 26° 3 | 6°31 | 8°18 | 6°59 | 25°40 | | | | | | | | |
| F 7 | 15 0 9 | 16°32'40 | 17°49 | 7°44 | 19°32 | 18°59 | 21°17 | 20°22 | 24° 4 | 22° 9 | 26° 4 | 6°27 | 8°15 | 7° 6 | 25°41 | | | | | | | | |
| S 8 | 15 4 5 | 17°30'35 | 0♁28 | 8°58 | 20°46 | 19° 5 | 21°28 | 20°22 | 24° 5 | 22° 9 | 26° 5 | 6°D25 | 8°12 | 7°12 | 25°43 | | | | | | | | |
| S 9 | 15 8 2 | 18°28'27 | 13°20 | 10° 8 | 22° 0 | 19°11 | 21°39 | 20°21 | 24° 6 | 22° 8 | 26° 6 | 6°25 | 8° 8 | 7°19 | 25°44 | | | | | | | | |
| M10 | 15 11 59 | 19°26'19 | 26°27 | 11°14 | 23°14 | 19°19 | 21°50 | 20°20 | 24° 7 | 22° 8 | 26° 7 | 6°26 | 8° 5 | 7°26 | 25°45 | | | | | | | | |
| T 11 | 15 15 55 | 20°24'08 | 9♁51 | 12°16 | 24°28 | 19°27 | 22° 1 | 20°19 | 24° 8 | 22° 7 | 26° 8 | 6°27 | 8° 2 | 7°33 | 25°46 | | | | | | | | |
| W12 | 15 19 52 | 21°21'56 | 23°34 | 13°13 | 25°42 | 19°35 | 22°11 | 20°18 | 24° 9 | 22° 7 | 26°10 | 6°R28 | 7°59 | 7°39 | 25°48 | | | | | | | | |
| T 13 | 15 23 48 | 22°19'41 | 7♎37 | 14° 6 | 26°56 | 19°44 | 22°22 | 20°16 | 24°10 | 22° 6 | 26°11 | 6°27 | 7°56 | 7°46 | 25°49 | | | | | | | | |
| F 14 | 15 27 45 | 23°17'25 | 22° 0 | 14°55 | 28° 9 | 19°54 | 22°32 | 20°15 | 24°10 | 22° 6 | 26°12 | 6°24 | 7°53 | 7°53 | 25°50 | | | | | | | | |
| S 15 | 15 31 41 | 24°15'08 | 6♁39 | 15°39 | 29°23 | 20° 4 | 22°42 | 20°14 | 24°11 | 22° 5 | 26°13 | 6°19 | 7°49 | 7°59 | 25°51 | | | | | | | | |
| S 16 | 15 35 38 | 25°12'49 | 21°29 | 16°19 | 0♁37 | 20°15 | 22°53 | 20°12 | 24°12 | 22° 4 | 26°15 | 6°14 | 7°46 | 8° 6 | 25°51 | | | | | | | | |
| M17 | 15 39 34 | 26°10'28 | 6♁23 | 16°54 | 1°51 | 20°27 | 23° 3 | 20°10 | 24°12 | 22° 4 | 26°16 | 6° 8 | 7°43 | 8°13 | 25°52 | | | | | | | | |
| T 18 | 15 43 31 | 27° 8'06 | 21°13 | 17°25 | 3° 4 | 20°39 | 23°13 | 20° 9 | 24°13 | 22° 3 | 26°17 | 6° 2 | 7°40 | 8°20 | 25°53 | | | | | | | | |
| W19 | 15 47 27 | 28° 5'43 | 5♁50 | 17°51 | 4°18 | 20°52 | 23°23 | 20° 7 | 24°13 | 22° 2 | 26°18 | 5°58 | 7°37 | 8°26 | 25°54 | | | | | | | | |
| T 20 | 15 51 24 | 29° 3'18 | 20° 7 | 18°12 | 5°32 | 21° 5 | 23°32 | 20° 5 | 24°14 | 22° 1 | 26°20 | 5°55 | 7°33 | 8°33 | 25°54 | | | | | | | | |
| F 21 | 15 55 21 | 0♁ 0'53 | 4♂ 0 | 18°28 | 6°46 | 21°19 | 23°42 | 20° 3 | 24°14 | 22° 0 | 26°21 | 5°D54 | 7°30 | 8°40 | 25°55 | | | | | | | | |
| S 22 | 15 59 17 | 0°58'26 | 17°28 | 18°40 | 7°59 | 21°33 | 23°52 | 20° 1 | 24°15 | 22° 0 | 26°22 | 5°55 | 7°27 | 8°47 | 25°56 | | | | | | | | |
| S 23 | 16 3 14 | 1°55'59 | 0♁31 | 18°47 | 9°13 | 21°48 | 24° 1 | 19°59 | 24°15 | 21°59 | 26°24 | 5°56 | 7°24 | 8°53 | 25°56 | | | | | | | | |
| M24 | 16 7 10 | 2°53'30 | 13°11 | 18°R49 | 10°27 | 22° 3 | 24°10 | 19°57 | 24°15 | 21°58 | 26°25 | 5°58 | 7°21 | 9° 0 | 25°56 | | | | | | | | |
| T 25 | 16 11 7 | 3°51'01 | 25°33 | 18°47 | 11°41 | 22°19 | 24°19 | 19°54 | 24°15 | 21°57 | 26°26 | 5°59 | 7°18 | 9° 7 | 25°57 | | | | | | | | |
| W26 | 16 15 3 | 4°48'30 | 7♁40 | 18°40 | 12°54 | 22°35 | 24°28 | 19°52 | 24°16 | 21°56 | 26°28 | 5°R59 | 7°14 | 9°13 | 25°57 | | | | | | | | |
| T 27 | 16 19 0 | 5°45'59 | 19°38 | 18°29 | 14° 8 | 22°52 | 24°37 | 19°50 | 24°16 | 21°55 | 26°29 | 5°58 | 7°11 | 9°20 | 25°57 | | | | | | | | |
| F 28 | 16 22 57 | 6°43'27 | 1♃31 | 18°14 | 15°22 | 23° 9 | 24°46 | 19°47 | 24°16 | 21°54 | 26°31 | 5°56 | 7° 8 | 9°27 | 25°57 | | | | | | | | |
| S 29 | 16 26 53 | 7°40'55 | 13°23 | 17°56 | 16°35 | 23°27 | 24°55 | 19°44 | 24°R16 | 21°53 | 26°32 | 5°53 | 7° 5 | 9°34 | 25°58 | | | | | | | | |
| S 30 | 16 30 50 | 8°38'21 | 25°19 | 17°33 | 17°49 | 23°45 | 25° 3 | 19°42 | 24°16 | 21°52 | 26°33 | 5°48 | 7° 2 | 9°40 | 25°R58 | | | | | | | | |
| M31 | 16 34 46 | 9♁35'47 | 7♁21 | 17♁ 8 | 19♁ 3 | 24♁ 4 | 25♁12 | 19♁39 | 24♁16 | 21♁51 | 26♁35 | 5♁44 | 6♁59 | 9♁47 | 25♁58 | | | | | | | | |

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Greg. Calendar

JUNE 1666GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|--------|-------|-------|-------|--------|--------|--------|-------|-------|------|-------|--------|---|---|---|---|---|---|---|---|
| T 1 | 16 38 43 | 10♁33'12 | 19♂32 | 16°R40 | 20♁16 | 24♎23 | 25♁20 | 19°R36 | 24°R16 | 21°R50 | 26♁36 | 5°R40 | 6♁55 | 9♃54 | 25°R57 | | | | | | | | |
| W 2 | 16 42 39 | 11°30'37 | 1♁53 | 16♁10 | 21°30 | 24°43 | 25°28 | 19♁33 | 24♁16 | 21♁49 | 26°37 | 5♁36 | 6°52 | 10° 1 | 25♁57 | | | | | | | | |
| T 3 | 16 46 36 | 12°28'00 | 14°26 | 15°38 | 22°43 | 25° 3 | 25°36 | 19°30 | 24°15 | 21°48 | 26°39 | 5°34 | 6°49 | 10° 7 | 25°57 | | | | | | | | |
| F 4 | 16 50 32 | 13°25'23 | 27°12 | 15° 5 | 23°57 | 25°23 | 25°44 | 19°27 | 24°15 | 21°46 | 26°40 | 5°33 | 6°46 | 10°14 | 25°57 | | | | | | | | |
| S 5 | 16 54 29 | 14°22'45 | 10♁11 | 14°32 | 25°11 | 25°44 | 25°51 | 19°24 | 24°15 | 21°45 | 26°42 | 5°D32 | 6°43 | 10°21 | 25°56 | | | | | | | | |
| S 6 | 16 58 26 | 15°20'06 | 23°23 | 13°58 | 26°24 | 26° 5 | 25°59 | 19°21 | 24°14 | 21°44 | 26°43 | 5°33 | 6°39 | 10°27 | 25°56 | | | | | | | | |
| M 7 | 17 2 22 | 16°17'27 | 6♁48 | 13°25 | 27°38 | 26°27 | 26° 6 | 19°17 | 24°14 | 21°43 | 26°45 | 5°34 | 6°36 | 10°34 | 25°56 | | | | | | | | |
| T 8 | 17 6 19 | 17°14'46 | 20°26 | 12°53 | 28°52 | 26°49 | 26°14 | 19°14 | 24°14 | 21°42 | 26°46 | 5°36 | 6°33 | 10°41 | 25°55 | | | | | | | | |
| W 9 | 17 10 15 | 18°12'04 | 4♎17 | 12°23 | 0♁ 5 | 27°11 | 26°21 | 19°11 | 24°13 | 21°40 | 26°47 | 5°37 | 6°30 | 10°48 | 25°54 | | | | | | | | |
| T 10 | 17 14 12 | 19° 9'21 | 18°20 | 11°55 | 1°19 | 27°34 | 26°28 | 19° 7 | 24°12 | 21°39 | 26°49 | 5°R37 | 6°27 | 10°54 | 25°54 | | | | | | | | |
| F 11 | 17 18 8 | 20° 6'38 | 2♁34 | 11°30 | 2°32 | 27°57 | 26°35 | 19° 4 | 24°12 | 21°38 | 26°50 | 5°37 | 6°24 | 11° 1 | 25°53 | | | | | | | | |
| S 12 | 17 22 5 | 21° 3'53 | 16°56 | 11° 8 | 3°46 | 28°20 | 26°41 | 19° 0 | 24°11 | 21°36 | 26°52 | 5°36 | 6°20 | 11° 8 | 25°52 | | | | | | | | |
| S 13 | 17 26 1 | 22° 1'08 | 1♁23 | 10°49 | 4°59 | 28°44 | 26°48 | 18°56 | 24°11 | 21°35 | 26°53 | 5°34 | 6°17 | 11°14 | 25°52 | | | | | | | | |
| M14 | 17 29 58 | 22°58'21 | 15°51 | 10°34 | 6°13 | 29° 8 | 26°54 | 18°53 | 24°10 | 21°34 | 26°55 | 5°33 | 6°14 | 11°21 | 25°51 | | | | | | | | |
| T 15 | 17 33 55 | 23°55'35 | 0♁14 | 10°23 | 7°26 | 29°33 | 27° 0 | 18°49 | 24° 9 | 21°32 | 26°56 | 5°32 | 6°11 | 11°28 | 25°50 | | | | | | | | |
| W16 | 17 37 51 | 24°52'47 | 14°27 | 10°16 | 8°40 | 29°57 | 27° 6 | 18°45 | 24° 8 | 21°31 | 26°58 | 5°31 | 6° 8 | 11°35 | 25°49 | | | | | | | | |
| T 17 | 17 41 48 | 25°50'00 | 28°26 | 10°D14 | 9°53 | 0♁23 | 27°12 | 18°41 | 24° 7 | 21°29 | 26°59 | 5°30 | 6° 5 | 11°41 | 25°48 | | | | | | | | |
| F 18 | 17 45 44 | 26°47'12 | 12♁ 6 | 10°17 | 11° 7 | 0°48 | 27°18 | 18°37 | 24° 6 | 21°28 | 27° 0 | 5°D30 | 6° 1 | 11°48 | 25°47 | | | | | | | | |
| S 19 | 17 49 41 | 27°44'23 | 25°27 | 10°24 | 12°20 | 1°14 | 27°23 | 18°33 | 24° 5 | 21°27 | 27° 2 | 5°30 | 5°58 | 11°55 | 25°45 | | | | | | | | |
| S 20 | 17 53 37 | 28°41'35 | 8♁27 | 10°36 | 13°34 | 1°40 | 27°29 | 18°30 | 24° 4 | 21°25 | 27° 3 | 5°31 | 5°55 | 12° 2 | 25°44 | | | | | | | | |
| M21 | 17 57 34 | 29°38'46 | 21° 7 | 10°52 | 14°47 | 2° 6 | 27°34 | 18°25 | 24° 3 | 21°24 | 27° 5 | 5°32 | 5°52 | 12° 8 | 25°43 | | | | | | | | |
| T 22 | 18 1 30 | 0♁35'57 | 3♁30 | 11°14 | 16° 1 | 2°33 | 27°39 | 18°21 | 24° 2 | 21°22 | 27° 6 | 5°32 | 5°49 | 12°15 | 25°42 | | | | | | | | |
| W23 | 18 5 27 | 1°33'08 | 15°40 | 11°40 | 17°14 | 3° 0 | 27°44 | 18°17 | 24° 1 | 21°21 | 27° 8 | 5°32 | 5°45 | 12°22 | 25°40 | | | | | | | | |
| T 24 | 18 9 24 | 2°30'19 | 27°40 | 12°11 | 18°28 | 3°27 | 27°48 | 18°13 | 24° 0 | 21°19 | 27° 9 | 5°R33 | 5°42 | 12°28 | 25°39 | | | | | | | | |
| F 25 | 18 13 20 | 3°27'31 | 9♃34 | 12°46 | 19°41 | 3°54 | 27°53 | 18° 9 | 23°59 | 21°18 | 27°11 | 5°33 | 5°39 | 12°35 | 25°37 | | | | | | | | |
| S 26 | 18 17 17 | 4°24'42 | 21°27 | 13°26 | 20°54 | 4°22 | 27°57 | 18° 5 | 23°58 | 21°16 | 27°12 | 5°33 | 5°36 | 12°42 | 25°36 | | | | | | | | |
| S 27 | 18 21 13 | 5°21'54 | 3♁25 | 14°11 | 22° 8 | 4°50 | 28° 1 | 18° 1 | 23°56 | 21°15 | 27°14 | 5°D33 | 5°33 | 12°49 | 25°34 | | | | | | | | |
| M28 | 18 25 10 | 6°19'06 | 15°30 | 15° 1 | 23°21 | 5°18 | 28° 5 | 17°56 | | | | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 1666

JULY 1666GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|-----------------------|--------------------|---------------------|-------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|--------------------|---------------------|---|
| T 1 | 18 36 59 | 9 ⁵⁰ 10'42 | 23 ^{II} 4 | 17 ^{II} 55 | 27 [♁] 1 | 6 [♁] 45 | 28 [♁] 16 | 17 [♁] R43 | 23 [♁] R51 | 21 [♁] R 8 | 27 ^{II} 19 | 5 [♁] 33 | 5 [♁] 20 | 13 [♁] 16 | 25 [♁] R27 | |
| F 2 | 18 40 56 | 10° 7'55 | 6 [♁] 8 | 19° 2 | 28°15 | 7°14 | 28°20 | 17 [♁] 39 | 23 [♁] 49 | 21 [♁] 7 | 27°21 | 5°R33 | 5°17 | 13°22 | 25 [♁] 25 | |
| S 3 | 18 44 53 | 11° 5'08 | 19°30 | 20°13 | 29°28 | 7°44 | 28°23 | 17°35 | 23°48 | 21° 5 | 27°22 | 5°33 | 5°14 | 13°29 | 25°24 | |
| S 4 | 18 48 49 | 12° 2'21 | 3 [♁] 7 | 21°29 | 0 [♁] 41 | 8°14 | 28°26 | 17°30 | 23°46 | 21° 4 | 27°24 | 5°33 | 5°11 | 13°36 | 25°22 | |
| M 5 | 18 52 46 | 12°59'33 | 16°57 | 22°48 | 1°55 | 8°44 | 28°28 | 17°26 | 23°45 | 21° 2 | 27°25 | 5°32 | 5° 7 | 13°42 | 25°20 | |
| T 6 | 18 56 42 | 13°56'46 | 0 [♁] 59 | 24°12 | 3° 8 | 9°14 | 28°31 | 17°21 | 23°43 | 21° 0 | 27°26 | 5°31 | 5° 4 | 13°49 | 25°18 | |
| W 7 | 19 0 39 | 14°53'59 | 15° 8 | 25°39 | 4°21 | 9°45 | 28°33 | 17°17 | 23°41 | 20°59 | 27°28 | 5°30 | 5° 1 | 13°56 | 25°16 | |
| T 8 | 19 4 35 | 15°51'12 | 29°22 | 27°11 | 5°35 | 10°15 | 28°35 | 17°13 | 23°40 | 20°57 | 27°29 | 5°29 | 4°58 | 14° 3 | 25°13 | |
| F 9 | 19 8 32 | 16°48'25 | 13 [♁] 37 | 28°46 | 6°48 | 10°46 | 28°37 | 17° 8 | 23°38 | 20°56 | 27°31 | 5°D29 | 4°55 | 14° 9 | 25°11 | |
| S 10 | 19 12 28 | 17°45'37 | 27°51 | 0 [♁] 25 | 8° 1 | 11°17 | 28°39 | 17° 4 | 23°36 | 20°54 | 27°32 | 5°29 | 4°51 | 14°16 | 25° 9 | |
| S 11 | 19 16 25 | 18°42'50 | 12 [♁] 1 | 2° 7 | 9°15 | 11°49 | 28°40 | 16°59 | 23°34 | 20°52 | 27°33 | 5°30 | 4°48 | 14°23 | 25° 7 | |
| M12 | 19 20 22 | 19°40'03 | 26° 5 | 3°53 | 10°28 | 12°20 | 28°42 | 16°55 | 23°32 | 20°51 | 27°35 | 5°31 | 4°45 | 14°29 | 25° 4 | |
| T 13 | 19 24 18 | 20°37'16 | 10 [♁] 1 | 5°42 | 11°41 | 12°52 | 28°43 | 16°50 | 23°31 | 20°49 | 27°36 | 5°32 | 4°42 | 14°36 | 25° 2 | |
| W14 | 19 28 15 | 21°34'30 | 23°46 | 7°34 | 12°54 | 13°24 | 28°44 | 16°46 | 23°29 | 20°47 | 27°37 | 5°33 | 4°39 | 14°43 | 25° 0 | |
| T 15 | 19 32 11 | 22°31'44 | 7 [♁] 20 | 9°29 | 14° 7 | 13°57 | 28°45 | 16°42 | 23°27 | 20°46 | 27°39 | 5°R33 | 4°36 | 14°50 | 24°57 | |
| F 16 | 19 36 8 | 23°28'58 | 20°40 | 11°27 | 15°21 | 14°29 | 28°45 | 16°37 | 23°25 | 20°44 | 27°40 | 5°32 | 4°32 | 14°56 | 24°55 | |
| S 17 | 19 40 4 | 24°26'13 | 3 [♁] 44 | 13°27 | 16°34 | 15° 2 | 28°46 | 16°33 | 23°23 | 20°43 | 27°41 | 5°31 | 4°29 | 15° 3 | 24°52 | |
| S 18 | 19 44 1 | 25°23'29 | 16°34 | 15°28 | 17°47 | 15°34 | 28°R46 | 16°29 | 23°21 | 20°41 | 27°43 | 5°29 | 4°26 | 15°10 | 24°50 | |
| M19 | 19 47 58 | 26°20'45 | 29° 8 | 17°32 | 19° 0 | 16° 7 | 28°46 | 16°24 | 23°19 | 20°39 | 27°44 | 5°26 | 4°23 | 15°17 | 24°47 | |
| T 20 | 19 51 54 | 27°18'02 | 11 [♁] 28 | 19°36 | 20°13 | 16°40 | 28°46 | 16°20 | 23°17 | 20°38 | 27°45 | 5°22 | 4°20 | 15°23 | 24°45 | |
| W21 | 19 55 51 | 28°15'19 | 23°37 | 21°42 | 21°26 | 17°14 | 28°45 | 16°16 | 23°15 | 20°36 | 27°47 | 5°19 | 4°17 | 15°30 | 24°42 | |
| T 22 | 19 59 47 | 29°12'38 | 5 [♁] 36 | 23°48 | 22°39 | 17°47 | 28°45 | 16°11 | 23°13 | 20°35 | 27°48 | 5°16 | 4°13 | 15°37 | 24°39 | |
| F 23 | 20 3 44 | 0 [♁] 9'57 | 17°30 | 25°54 | 23°53 | 18°21 | 28°44 | 16° 7 | 23°10 | 20°33 | 27°49 | 5°15 | 4°10 | 15°43 | 24°37 | |
| S 24 | 20 7 40 | 1° 7'18 | 29°23 | 28° 1 | 25° 6 | 18°55 | 28°43 | 16° 3 | 23° 8 | 20°31 | 27°50 | 5°D14 | 4° 7 | 15°50 | 24°34 | |
| S 25 | 20 11 37 | 2° 4'40 | 11 [♁] 20 | 0 [♁] 7 | 26°19 | 19°29 | 28°42 | 15°59 | 23° 6 | 20°30 | 27°52 | 5°14 | 4° 4 | 15°57 | 24°31 | |
| M26 | 20 15 33 | 3° 2'03 | 23°25 | 2°13 | 27°32 | 20° 3 | 28°40 | 15°55 | 23° 4 | 20°28 | 27°53 | 5°15 | 4° 1 | 16° 4 | 24°29 | |
| T 27 | 20 19 30 | 3°59'27 | 5 [♁] 43 | 4°18 | 28°45 | 20°38 | 28°39 | 15°51 | 23° 2 | 20°27 | 27°54 | 5°17 | 3°57 | 16°10 | 24°26 | |
| W28 | 20 23 27 | 4°56'52 | 18°18 | 6°23 | 29°58 | 21°12 | 28°37 | 15°47 | 23° 0 | 20°25 | 27°55 | 5°19 | 3°54 | 16°17 | 24°23 | |
| T 29 | 20 27 23 | 5°54'18 | 1 [♁] 14 | 8°26 | 1 [♁] 11 | 21°47 | 28°35 | 15°42 | 22°57 | 20°24 | 27°56 | 5°R19 | 3°51 | 16°24 | 24°20 | |
| F 30 | 20 31 20 | 6°51'46 | 14°32 | 10°29 | 2°24 | 22°22 | 28°33 | 15°39 | 22°55 | 20°22 | 27°58 | 5°19 | 3°48 | 16°30 | 24°17 | |
| S 31 | 20 35 16 | 7 [♁] 49'14 | 28 [♁] 12 | 12 [♁] 30 | 3 [♁] 37 | 22 [♁] 57 | 28 [♁] 31 | 15 [♁] 35 | 22 [♁] 53 | 20 [♁] 20 | 27 ^{II} 59 | 5 [♁] 17 | 3 [♁] 45 | 16 [♁] 37 | 24 [♁] 14 | |

Delta T = 28.59 sec. Greg. Calendar

AUGUST 1666GC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-------------------|-------------------|--------------------|--------------------|---|
| S 1 | 20 39 13 | 8 [♁] 46'44 | 12 [♁] 13 | 14 [♁] 29 | 4 [♁] 50 | 23 [♁] 32 | 28°R28 | 15°R31 | 22°R50 | 20°R19 | 28 ^{II} 0 | 5°R14 | 3 [♁] 42 | 16 [♁] 44 | 24°R11 | |
| M 2 | 20 43 9 | 9°44'14 | 26°31 | 16°28 | 6° 2 | 24° 8 | 28 [♁] 25 | 15 [♁] 27 | 22 [♁] 48 | 20 [♁] 17 | 28° 1 | 5 [♁] 10 | 3°38 | 16°51 | 24 [♁] 8 | |
| T 3 | 20 47 6 | 10°41'46 | 11 [♁] 0 | 18°25 | 7°15 | 24°44 | 28°22 | 15°23 | 22°46 | 20°16 | 28° 2 | 5° 5 | 3°35 | 16°57 | 24° 5 | |
| W 4 | 20 51 2 | 11°39'18 | 25°35 | 20°20 | 8°28 | 25°19 | 28°19 | 15°19 | 22°44 | 20°14 | 28° 3 | 4°59 | 3°32 | 17° 4 | 24° 3 | |
| T 5 | 20 54 59 | 12°36'51 | 10 [♁] 8 | 22°14 | 9°41 | 25°55 | 28°16 | 15°16 | 22°41 | 20°13 | 28° 4 | 4°55 | 3°29 | 17°11 | 24° 0 | |
| F 6 | 20 58 56 | 13°34'25 | 24°35 | 24° 7 | 10°54 | 26°31 | 28°12 | 15°12 | 22°39 | 20°11 | 28° 6 | 4°52 | 3°26 | 17°18 | 23°57 | |
| S 7 | 21 2 52 | 14°32'00 | 8 [♁] 51 | 25°58 | 12° 7 | 27° 7 | 28° 9 | 15° 8 | 22°36 | 20°10 | 28° 7 | 4°D50 | 3°23 | 17°24 | 23°54 | |
| S 8 | 21 6 49 | 15°29'36 | 22°53 | 27°47 | 13°20 | 27°44 | 28° 5 | 15° 5 | 22°34 | 20° 9 | 28° 8 | 4°51 | 3°19 | 17°31 | 23°51 | |
| M 9 | 21 10 45 | 16°27'13 | 6 [♁] 43 | 29°35 | 14°32 | 28°20 | 28° 1 | 15° 1 | 22°32 | 20° 7 | 28° 9 | 4°52 | 3°16 | 17°38 | 23°48 | |
| T 10 | 21 14 42 | 17°24'51 | 20°18 | 1 [♁] 22 | 15°45 | 28°57 | 27°57 | 14°58 | 22°29 | 20° 6 | 28°10 | 4°53 | 3°13 | 17°44 | 23°44 | |
| W11 | 21 18 38 | 18°22'30 | 3 [♁] 40 | 3° 7 | 16°58 | 29°34 | 27°52 | 14°55 | 22°27 | 20° 4 | 28°11 | 4°R54 | 3°10 | 17°51 | 23°41 | |
| T 12 | 21 22 35 | 19°20'10 | 16°49 | 4°50 | 18°10 | 0 [♁] 11 | 27°48 | 14°52 | 22°25 | 20° 3 | 28°12 | 4°53 | 3° 7 | 17°58 | 23°38 | |
| F 13 | 21 26 31 | 20°17'51 | 29°47 | 6°32 | 19°23 | 0°48 | 27°43 | 14°48 | 22°22 | 20° 2 | 28°13 | 4°50 | 3° 3 | 18° 5 | 23°35 | |
| S 14 | 21 30 28 | 21°15'34 | 12 [♁] 33 | 8°13 | 20°36 | 1°25 | 27°38 | 14°45 | 22°20 | 20° 0 | 28°14 | 4°46 | 3° 0 | 18°11 | 23°32 | |
| S 15 | 21 34 25 | 22°13'18 | 25° 7 | 9°52 | 21°48 | 2° 2 | 27°33 | 14°42 | 22°17 | 19°59 | 28°15 | 4°39 | 2°57 | 18°18 | 23°29 | |
| M16 | 21 38 21 | 23°11'03 | 7 [♁] 31 | 11°30 | 23° 1 | 2°40 | 27°28 | 14°39 | 22°15 | 19°58 | 28°16 | 4°31 | 2°54 | 18°25 | 23°26 | |
| T 17 | 21 42 18 | 24° 8'49 | 19°44 | 13° 7 | 24°14 | 3°18 | 27°22 | 14°36 | 22°13 | 19°56 | 28°16 | 4°21 | 2°51 | 18°31 | 23°23 | |
| W18 | 21 46 14 | 25° 6'37 | 1 [♁] 47 | 14°42 | 25°26 | 3°55 | 27°17 | 14°33 | 22°10 | 19°55 | 28°17 | 4°12 | 2°48 | 18°38 | 23°20 | |
| T 19 | 21 50 11 | 26° 4'27 | 13°44 | 16°15 | 26°39 | 4°33 | 27°11 | 14°31 | 22° 8 | 19°54 | 28°18 | 4° 4 | 2°44 | 18°45 | 23°17 | |
| F 20 | 21 54 7 | 27° 2'19 | 25°36 | 17°48 | 27°51 | 5°11 | 27° 5 | 14°28 | 22° 6 | 19°53 | 28°19 | 3°58 | 2°41 | 18°52 | 23°14 | |
| S 21 | 21 58 4 | 28° 0'12 | 7 [♁] 28 | 19°18 | 29° 3 | 5°49 | 26°59 | 14°25 | 22° 3 | 19°52 | 28°20 | 3°53 | 2°38 | 18°58 | 23°11 | |
| S 22 | 22 2 0 | 28°58'07 | 19°22 | 20°48 | 0 [♁] 16 | 6°28 | 26°53 | 14°23 | 22° 1 | 19°50 | 28°21 | 3°51 | 2°35 | 19° 5 | 23° 8 | |
| M23 | 22 5 57 | 29°56'04 | 1 ^{II} 25 | 22°16 | 1°28 | 7° 6 | 26°47 | 14°20 | 21°58 | 19°49 | 28°21 | 3°D50 | 2°32 | 19°12 | 23° 5 | |
| T 24 | 22 9 53 | 0 [♁] 54'03 | 13°41 | 23°43 | 2°41 | 7°45 | 26°41 | 14°18 | 21°56 | 19°48 | 28°22 | 3°51 | 2°29 | 19°18 | 23° 2 | |
| W25 | 22 13 50 | 1°52'04 | 26°14 | 25° 8 | 3°53 | 8°23 | 26°34 | 14°16 | 21°54 | 19°47 | 28°23 | 3°52 | 2°25 | 19°25 | 22°59 | |
| T 26 | 22 17 47 | 2°50'06 | 9 [♁] 11 | 26°32 | 5° 5 | 9° 2 | 26°28 | 14°14 | 21°51 | 19°46 | 28°24 | 3°R52 | 2°22 | 19°32 | 22°56 | |
| F 27 | 22 21 43 | 3°48'11 | 22°34 | 27°54 | 6°18 | 9°41 | 26°21 | 14°12 | 21°49 | 19°45 | 28°24 | 3°50 | 2°19 | 19°39 | 22°53 | |
| S 28 | 22 25 40 | 4°46'17 | 6 [♁] 24 | 29°15 | 7°30 | 10°20 | 26°14 | 14°10 | 21°47 | 19°44 | 28°25 | 3°46 | 2°16 | 19°45 | 22°50 | |
| S 29 | 22 29 36 | 5°44'26 | 20°40 | 0 [♁] 34 | 8°42 | 10°59 | 26° 7 | 14° 8 | 21°44 | 19°43 | 28°26 | 3°40 | 2°13 | 19°52 | 22°47 | |
| M30 | 22 33 33 | 6°42'36 | 5 [♁] 18 | 1°52 | 9°54 | 11°38 | 26° 0 | 14° 6 | 21°42 | 19°42 | 28°27 | 3°32 | 2° 9 | 19°59 | 22°44 | |
| T 31 | 22 37 29 | 7 [♁] 40'47 | 20 [♁] 12 | 3 [♁] 8 | 11 [♁] 6 | 12 [♁] 18 | 25 [♁] 53 | 14 [♁] 4 | 21 [♁] 40 | 19 [♁] 41 | 28 ^{II} 27 | 3 [♁] 22 | 2 [♁] 6 | 20 [♁] 5 | 22 [♁] 41 | |

Delta T = 28.51 sec. Greg. Calendar

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SWISS EPHEMERIS for the year 1666

SEPTEMBER 1666GC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|--------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|---|
| W 1 | 22 41 26 | 8♁39'01 | 5♁12 | 4♁22 | 12♁19 | 12♁57 | 25°R45 | 14°R 2 | 21°R38 | 19°R40 | 28♁28 | 3°R13 | 2♁3 | 20♁12 | 22°R38 | |
| T 2 | 22 45 22 | 9°37'15 | 20° 9 | 5°35 | 13°31 | 13°37 | 25♁38 | 14♁1 | 21°R35 | 19°R39 | 28°28 | 3♁4 | 2° 0 | 20°19 | 22°R35 | |
| F 3 | 22 49 19 | 10°35'32 | 4♁54 | 6°45 | 14°43 | 14°17 | 25°31 | 13°59 | 21°33 | 19°38 | 28°29 | 2°58 | 1°57 | 20°26 | 22°32 | |
| S 4 | 22 53 16 | 11°33'50 | 19°22 | 7°54 | 15°55 | 14°57 | 25°23 | 13°58 | 21°31 | 19°37 | 28°29 | 2°53 | 1°54 | 20°32 | 22°29 | |
| S 5 | 22 57 12 | 12°32'10 | 3♁29 | 9° 1 | 17° 7 | 15°37 | 25°16 | 13°57 | 21°29 | 19°36 | 28°30 | 2°52 | 1°50 | 20°39 | 22°27 | |
| M 6 | 23 1 9 | 13°30'31 | 17°14 | 10° 5 | 18°19 | 16°17 | 25° 8 | 13°55 | 21°27 | 19°36 | 28°31 | 2°D51 | 1°47 | 20°46 | 22°24 | |
| T 7 | 23 5 5 | 14°28'54 | 0♁39 | 11° 8 | 19°31 | 16°57 | 25° 0 | 13°54 | 21°24 | 19°35 | 28°31 | 2°R52 | 1°44 | 20°52 | 22°21 | |
| W 8 | 23 9 2 | 15°27'18 | 13°47 | 12° 7 | 20°42 | 17°37 | 24°52 | 13°53 | 21°22 | 19°34 | 28°32 | 2°51 | 1°41 | 20°59 | 22°18 | |
| T 9 | 23 12 58 | 16°25'44 | 26°39 | 13° 4 | 21°54 | 18°18 | 24°45 | 13°52 | 21°20 | 19°33 | 28°32 | 2°49 | 1°38 | 21° 6 | 22°16 | |
| F 10 | 23 16 55 | 17°24'12 | 9♁18 | 13°59 | 23° 6 | 18°58 | 24°37 | 13°52 | 21°18 | 19°33 | 28°32 | 2°44 | 1°34 | 21°13 | 22°13 | |
| S 11 | 23 20 51 | 18°22'41 | 21°47 | 14°50 | 24°18 | 19°39 | 24°29 | 13°51 | 21°16 | 19°32 | 28°33 | 2°37 | 1°31 | 21°19 | 22°10 | |
| S 12 | 23 24 48 | 19°21'12 | 4♁6 | 15°38 | 25°30 | 20°20 | 24°21 | 13°50 | 21°14 | 19°31 | 28°33 | 2°26 | 1°28 | 21°26 | 22° 8 | |
| M13 | 23 28 45 | 20°19'45 | 16°18 | 16°23 | 26°41 | 21° 1 | 24°13 | 13°50 | 21°12 | 19°31 | 28°34 | 2°14 | 1°25 | 21°33 | 22° 5 | |
| T 14 | 23 32 41 | 21°18'20 | 28°22 | 17° 4 | 27°53 | 21°42 | 24° 5 | 13°49 | 21°10 | 19°30 | 28°34 | 2° 0 | 1°22 | 21°39 | 22° 3 | |
| W15 | 23 36 38 | 22°16'57 | 10♁20 | 17°40 | 29° 4 | 22°23 | 23°57 | 13°49 | 21° 8 | 19°30 | 28°34 | 1°46 | 1°19 | 21°46 | 22° 0 | |
| T 16 | 23 40 34 | 23°15'36 | 22°14 | 18°13 | 0♁16 | 23° 4 | 23°49 | 13°49 | 21° 6 | 19°29 | 28°34 | 1°34 | 1°15 | 21°53 | 21°58 | |
| F 17 | 23 44 31 | 24°14'17 | 4♁4 | 18°41 | 1°27 | 23°45 | 23°41 | 13°49 | 21° 4 | 19°29 | 28°35 | 1°23 | 1°12 | 22° 0 | 21°55 | |
| S 18 | 23 48 27 | 25°13'00 | 15°55 | 19° 4 | 2°39 | 24°27 | 23°33 | 13°D49 | 21° 2 | 19°28 | 28°35 | 1°15 | 1° 9 | 22° 6 | 21°53 | |
| S 19 | 23 52 24 | 26°11'45 | 27°48 | 19°21 | 3°50 | 25° 8 | 23°25 | 13°49 | 21° 1 | 19°28 | 28°35 | 1°10 | 1° 6 | 22°13 | 21°50 | |
| M20 | 23 56 20 | 27°10'33 | 9♁49 | 19°33 | 5° 2 | 25°50 | 23°17 | 13°49 | 20°59 | 19°28 | 28°35 | 1° 7 | 1° 3 | 22°20 | 21°48 | |
| T 21 | 0 0 17 | 28° 9'23 | 22° 1 | 19°R38 | 6°13 | 26°31 | 23° 9 | 13°49 | 20°57 | 19°27 | 28°36 | 1° 7 | 1° 0 | 22°26 | 21°46 | |
| W22 | 0 4 14 | 29° 8'15 | 4♁31 | 19°37 | 7°24 | 27°13 | 23° 1 | 13°49 | 20°55 | 19°27 | 28°36 | 1° 7 | 0°56 | 22°33 | 21°44 | |
| T 23 | 0 8 10 | 0♁7 10 | 17°23 | 19°29 | 8°35 | 27°55 | 22°53 | 13°50 | 20°54 | 19°27 | 28°36 | 1° 6 | 0°53 | 22°40 | 21°41 | |
| F 24 | 0 12 7 | 1° 6'07 | 0♁42 | 19°13 | 9°46 | 28°37 | 22°45 | 13°50 | 20°52 | 19°26 | 28°36 | 1° 4 | 0°50 | 22°47 | 21°39 | |
| S 25 | 0 16 3 | 2° 5'06 | 14°30 | 18°50 | 10°58 | 29°19 | 22°37 | 13°51 | 20°50 | 19°26 | 28°36 | 1° 0 | 0°47 | 22°53 | 21°37 | |
| S 26 | 0 20 0 | 3° 4'07 | 28°48 | 18°20 | 12° 9 | 0♁1 | 22°30 | 13°52 | 20°49 | 19°26 | 28°36 | 0°53 | 0°44 | 23° 0 | 21°35 | |
| M27 | 0 23 56 | 4° 3'11 | 13♁33 | 17°42 | 13°20 | 0°43 | 22°22 | 13°53 | 20°47 | 19°26 | 28°36 | 0°43 | 0°40 | 23° 7 | 21°33 | |
| T 28 | 0 27 53 | 5° 2'17 | 28°38 | 16°56 | 14°31 | 1°26 | 22°14 | 13°54 | 20°46 | 19°26 | 28°R36 | 0°32 | 0°37 | 23°13 | 21°31 | |
| W29 | 0 31 49 | 6° 1'24 | 13♁54 | 16° 3 | 15°42 | 2° 8 | 22° 7 | 13°55 | 20°44 | 19°26 | 28°36 | 0°21 | 0°34 | 23°20 | 21°29 | |
| T 30 | 0 35 46 | 7♁0 34 | 29♁10 | 15♁5 | 16♁52 | 2♁51 | 21♁59 | 13♁56 | 20°R43 | 19°R26 | 28♁36 | 0°D10 | 0°D31 | 23♁27 | 21°R27 | |

Delta T = 28.42 sec.

Greg. Calendar

OCTOBER 1666GC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♄ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|--------|-------|-------|--------|-------|--------|--------|--------|--------|-------|-------|--------|---|
| F 1 | 0 39 42 | 7♁59'46 | 14♁13 | 14°R 1 | 18♁3 | 3♁33 | 21°R52 | 13♁57 | 20°R41 | 19°R25 | 28°R36 | 0°R 2 | 0♁28 | 23♁34 | 21°R26 | |
| S 2 | 0 43 39 | 8°59'00 | 28°57 | 12♁53 | 19°14 | 4°16 | 21♁44 | 13°58 | 20°R40 | 19°26 | 28♁36 | 29♁57 | 0°25 | 23°40 | 21°R24 | |
| S 3 | 0 47 36 | 9°58'15 | 13♁16 | 11°42 | 20°25 | 4°59 | 21°37 | 14° 0 | 20°39 | 19°26 | 28°36 | 29°54 | 0°21 | 23°47 | 21°22 | |
| M 4 | 0 51 32 | 10°57'33 | 27° 8 | 10°31 | 21°35 | 5°42 | 21°30 | 14° 1 | 20°38 | 19°26 | 28°36 | 29°D53 | 0°18 | 23°54 | 21°20 | |
| T 5 | 0 55 29 | 11°56'52 | 10♁35 | 9°22 | 22°46 | 6°25 | 21°23 | 14° 3 | 20°36 | 19°26 | 28°36 | 29°R54 | 0°15 | 24° 0 | 21°19 | |
| W 6 | 0 59 25 | 12°56'13 | 23°38 | 8°16 | 23°56 | 7° 8 | 21°16 | 14° 5 | 20°35 | 19°26 | 28°36 | 29°53 | 0°12 | 24° 7 | 21°17 | |
| T 7 | 1 3 22 | 13°55'35 | 6♁23 | 7°15 | 25° 7 | 7°51 | 21° 9 | 14° 7 | 20°34 | 19°26 | 28°35 | 29°51 | 0° 9 | 24°14 | 21°16 | |
| F 8 | 1 7 18 | 14°55'00 | 18°52 | 6°21 | 26°17 | 8°34 | 21° 2 | 14° 9 | 20°33 | 19°26 | 28°35 | 29°47 | 0° 6 | 24°21 | 21°14 | |
| S 9 | 1 11 15 | 15°54'26 | 1♁9 | 5°36 | 27°27 | 9°18 | 20°56 | 14°11 | 20°32 | 19°27 | 28°35 | 29°40 | 0° 2 | 24°27 | 21°13 | |
| S 10 | 1 15 11 | 16°53'54 | 13°17 | 5° 0 | 28°38 | 10° 1 | 20°49 | 14°13 | 20°31 | 19°27 | 28°35 | 29°30 | 29♁59 | 24°34 | 21°12 | |
| M11 | 1 19 8 | 17°53'24 | 25°19 | 4°35 | 29°48 | 10°45 | 20°43 | 14°15 | 20°30 | 19°27 | 28°34 | 29°18 | 29°56 | 24°41 | 21°10 | |
| T 12 | 1 23 5 | 18°52'55 | 7♁16 | 4°21 | 0♁58 | 11°28 | 20°37 | 14°17 | 20°29 | 19°27 | 28°34 | 29° 4 | 29°53 | 24°47 | 21° 9 | |
| W13 | 1 27 1 | 19°52'29 | 19° 9 | 4°D18 | 2° 8 | 12°12 | 20°31 | 14°20 | 20°28 | 19°28 | 28°34 | 28°51 | 29°50 | 24°54 | 21° 8 | |
| T 14 | 1 30 58 | 20°52'05 | 1♁1 | 4°26 | 3°18 | 12°55 | 20°25 | 14°22 | 20°27 | 19°28 | 28°34 | 28°39 | 29°46 | 25° 1 | 21° 7 | |
| F 15 | 1 34 54 | 21°51'43 | 12°52 | 4°45 | 4°27 | 13°39 | 20°19 | 14°25 | 20°27 | 19°29 | 28°33 | 28°28 | 29°43 | 25° 8 | 21° 6 | |
| S 16 | 1 38 51 | 22°51'23 | 24°45 | 5°14 | 5°37 | 14°23 | 20°14 | 14°27 | 20°26 | 19°29 | 28°33 | 28°21 | 29°40 | 25°14 | 21° 5 | |
| S 17 | 1 42 47 | 23°51'05 | 6♁41 | 5°52 | 6°47 | 15° 7 | 20° 8 | 14°30 | 20°25 | 19°30 | 28°32 | 28°16 | 29°37 | 25°21 | 21° 4 | |
| M18 | 1 46 44 | 24°50'50 | 18°45 | 6°39 | 7°56 | 15°51 | 20° 3 | 14°33 | 20°24 | 19°30 | 28°32 | 28°13 | 29°34 | 25°28 | 21° 3 | |
| T 19 | 1 50 40 | 25°50'36 | 0♁58 | 7°33 | 9° 6 | 16°35 | 19°58 | 14°36 | 20°24 | 19°31 | 28°32 | 28°D13 | 29°31 | 25°34 | 21° 2 | |
| W20 | 1 54 37 | 26°50'25 | 13°27 | 8°34 | 10°15 | 17°19 | 19°53 | 14°39 | 20°23 | 19°31 | 28°31 | 28°14 | 29°27 | 25°41 | 21° 2 | |
| T 21 | 1 58 34 | 27°50'16 | 26°15 | 9°42 | 11°24 | 18° 4 | 19°48 | 14°42 | 20°23 | 19°32 | 28°31 | 28°R14 | 29°24 | 25°48 | 21° 1 | |
| F 22 | 2 2 30 | 28°50'10 | 9♁27 | 10°54 | 12°33 | 18°48 | 19°44 | 14°45 | 20°22 | 19°33 | 28°30 | 28°14 | 29°21 | 25°54 | 21° 0 | |
| S 23 | 2 6 27 | 29°50'05 | 23° 6 | 12°11 | 13°43 | 19°32 | 19°39 | 14°49 | 20°22 | 19°34 | 28°30 | 28°11 | 29°18 | 26° 1 | 21° 0 | |
| S 24 | 2 10 23 | 0♁50'03 | 7♁14 | 13°32 | 14°52 | 20°17 | 19°35 | 14°52 | 20°22 | 19°34 | 28°29 | 28° 6 | 29°15 | 26° 8 | 20°59 | |
| M25 | 2 14 20 | 1°50'03 | 21°50 | 14°57 | 16° 0 | 21° 1 | 19°31 | 14°56 | 20°21 | 19°35 | 28°28 | 28° 0 | 29°11 | 26°15 | 20°59 | |
| T 26 | 2 18 16 | 2°50'05 | 6♁49 | 16°24 | 17° 9 | 21°46 | 19°27 | 14°59 | 20°21 | 19°36 | 28°28 | 27°51 | 29° 8 | 26°21 | 20°59 | |
| W27 | 2 22 13 | 3°50'09 | 22° 3 | 17°53 | 18°18 | 22°31 | 19°23 | 15° 3 | 20°21 | 19°37 | 28°27 | 27°43 | 29° 5 | 26°28 | 20°58 | |
| T 28 | 2 26 9 | 4°50'15 | 7♁22 | 19°24 | 19°26 | 23°16 | 19°20 | 15° 6 | 20°21 | 19°38 | 28°27 | 27°35 | 29° 2 | 26°35 | 20°58 | |
| F 29 | 2 30 6 | 5°50'23 | 22°34 | 20°57 | 20°35 | 24° 0 | 19°17 | 15°10 | 20°21 | 19°38 | 28°26 | 27°29 | 28°59 | 26°41 | 20°58 | |
| S 30 | 2 34 3 | 6°50'33 | 7♁30 | 22°31 | 21°43 | 24°45 | 19°13 | 15°14 | 20°D21 | 19°39 | 28°25 | 27°25 | 28°56 | 26°48 | 20°58 | |
| S 31 | 2 37 59 | 7♁50'44 | 22♁1 | 24♁6 | 22♁51 | 25♁30 | 19♁11 | 15♁18 | 20°R21 | 19°R40 | 28♁25 | 27°D23 | 28♁52 | 26♁55 | 20°D58 | |

Delta T = 28.33 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1666

NOVEMBER 1666GC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|-----|---------|----------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|-------|--------|-------|---|---|---|---|---|---|---|---|--|
| M 1 | 2 41 56 | 8♁50'57 | 6♂5 | 25♁41 | 23♁59 | 26♁15 | 19°R 8 | 15♂22 | 20♁21 | 19♂41 | 28°R24 | 27♁23 | 28♁49 | 27°Y 2 | 20♁58 | | | | | | | | | |
| T 2 | 2 45 52 | 9°51'12 | 19°40 | 27°18 | 25° 7 | 27° 0 | 19♁5 | 15°26 | 20°21 | 19°42 | 28♁23 | 27°24 | 28°46 | 27° 8 | 20°58 | | | | | | | | | |
| W 3 | 2 49 49 | 10°51'28 | 2♁49 | 28°54 | 26°15 | 27°46 | 19° 3 | 15°31 | 20°21 | 19°44 | 28°22 | 27°26 | 28°43 | 27°15 | 20°58 | | | | | | | | | |
| T 4 | 2 53 45 | 11°51'46 | 15°35 | 0♁31 | 27°22 | 28°31 | 19° 1 | 15°35 | 20°21 | 19°45 | 28°22 | 27°R26 | 28°40 | 27°22 | 20°58 | | | | | | | | | |
| F 5 | 2 57 42 | 12°52'04 | 28° 8 | 2° 8 | 28°30 | 29°16 | 18°59 | 15°39 | 20°22 | 19°46 | 28°21 | 27°24 | 28°37 | 27°28 | 20°59 | | | | | | | | | |
| S 6 | 3 1 38 | 13°52'25 | 10♁16 | 3°45 | 29°37 | 0♂1 | 18°57 | 15°44 | 20°22 | 19°47 | 28°20 | 27°21 | 28°33 | 27°35 | 20°59 | | | | | | | | | |
| S 7 | 3 5 35 | 14°52'47 | 22°18 | 5°22 | 0♂44 | 0°47 | 18°56 | 15°48 | 20°22 | 19°48 | 28°19 | 27°16 | 28°30 | 27°42 | 20°59 | | | | | | | | | |
| M 8 | 3 9 32 | 15°53'10 | 4°Y14 | 6°59 | 1°51 | 1°32 | 18°55 | 15°53 | 20°23 | 19°49 | 28°18 | 27° 9 | 28°27 | 27°48 | 21° 0 | | | | | | | | | |
| T 9 | 3 13 28 | 16°53'34 | 16° 7 | 8°36 | 2°58 | 2°18 | 18°54 | 15°57 | 20°23 | 19°51 | 28°18 | 27° 1 | 28°24 | 27°55 | 21° 0 | | | | | | | | | |
| W10 | 3 17 25 | 17°54'01 | 27°58 | 10°13 | 4° 4 | 3° 3 | 18°53 | 16° 2 | 20°24 | 19°52 | 28°17 | 26°53 | 28°21 | 28° 2 | 21° 1 | | | | | | | | | |
| T11 | 3 21 21 | 18°54'28 | 9♂51 | 11°49 | 5°10 | 3°49 | 18°52 | 16° 7 | 20°24 | 19°53 | 28°16 | 26°46 | 28°17 | 28° 9 | 21° 2 | | | | | | | | | |
| F12 | 3 25 18 | 19°54'58 | 21°46 | 13°26 | 6°16 | 4°35 | 18°52 | 16°12 | 20°25 | 19°54 | 28°15 | 26°40 | 28°14 | 28°15 | 21° 2 | | | | | | | | | |
| S13 | 3 29 14 | 20°55'28 | 3♁45 | 15° 2 | 7°22 | 5°20 | 18°51 | 16°17 | 20°26 | 19°56 | 28°14 | 26°36 | 28°11 | 28°22 | 21° 3 | | | | | | | | | |
| S14 | 3 33 11 | 21°56'01 | 15°50 | 16°38 | 8°28 | 6° 6 | 18°D51 | 16°22 | 20°26 | 19°57 | 28°13 | 26°33 | 28° 8 | 28°29 | 21° 4 | | | | | | | | | |
| M15 | 3 37 7 | 22°56'35 | 28° 3 | 18°14 | 9°34 | 6°52 | 18°51 | 16°27 | 20°27 | 19°59 | 28°12 | 26°D33 | 28° 5 | 28°35 | 21° 5 | | | | | | | | | |
| T16 | 3 41 4 | 23°57'11 | 10♂27 | 19°50 | 10°39 | 7°38 | 18°52 | 16°32 | 20°28 | 20° 0 | 28°11 | 26°34 | 28° 2 | 28°42 | 21° 6 | | | | | | | | | |
| W17 | 3 45 1 | 24°57'49 | 23° 3 | 21°25 | 11°44 | 8°24 | 18°52 | 16°37 | 20°29 | 20° 2 | 28°10 | 26°35 | 27°58 | 28°49 | 21° 7 | | | | | | | | | |
| T18 | 3 48 57 | 25°58'28 | 5♁55 | 23° 0 | 12°49 | 9°10 | 18°53 | 16°43 | 20°30 | 20° 3 | 28° 9 | 26°37 | 27°55 | 28°56 | 21° 8 | | | | | | | | | |
| F19 | 3 52 54 | 26°59'09 | 19° 6 | 24°35 | 13°53 | 9°56 | 18°54 | 16°48 | 20°31 | 20° 5 | 28° 8 | 26°38 | 27°52 | 29° 2 | 21° 9 | | | | | | | | | |
| S20 | 3 56 50 | 27°59'51 | 2♁39 | 26°10 | 14°57 | 10°42 | 18°55 | 16°53 | 20°32 | 20° 6 | 28° 7 | 26°R38 | 27°49 | 29° 9 | 21°10 | | | | | | | | | |
| S21 | 4 0 47 | 29° 0'35 | 16°34 | 27°45 | 16° 1 | 11°28 | 18°57 | 16°59 | 20°33 | 20° 8 | 28° 6 | 26°37 | 27°46 | 29°16 | 21°12 | | | | | | | | | |
| M22 | 4 4 43 | 0♁1'21 | 0♁53 | 29°20 | 17° 5 | 12°14 | 18°58 | 17° 4 | 20°34 | 20° 9 | 28° 5 | 26°35 | 27°43 | 29°22 | 21°13 | | | | | | | | | |
| T23 | 4 8 40 | 1° 2'08 | 15°33 | 0♁54 | 18° 9 | 13° 0 | 19° 0 | 17°10 | 20°35 | 20°11 | 28° 4 | 26°32 | 27°39 | 29°29 | 21°14 | | | | | | | | | |
| W24 | 4 12 36 | 2° 2'57 | 0♁28 | 2°29 | 19°12 | 13°47 | 19° 2 | 17°15 | 20°36 | 20°13 | 28° 3 | 26°28 | 27°36 | 29°36 | 21°16 | | | | | | | | | |
| T25 | 4 16 33 | 3° 3'47 | 15°31 | 4° 3 | 20°15 | 14°33 | 19° 4 | 17°21 | 20°38 | 20°14 | 28° 2 | 26°25 | 27°33 | 29°42 | 21°17 | | | | | | | | | |
| F26 | 4 20 30 | 4° 4'39 | 0♁32 | 5°37 | 21°17 | 15°19 | 19° 7 | 17°27 | 20°39 | 20°16 | 28° 1 | 26°22 | 27°30 | 29°49 | 21°19 | | | | | | | | | |
| S27 | 4 24 26 | 5° 5'31 | 15°24 | 7°11 | 22°19 | 16° 6 | 19° 9 | 17°33 | 20°40 | 20°18 | 28° 0 | 26°21 | 27°27 | 29°56 | 21°20 | | | | | | | | | |
| S28 | 4 28 23 | 6° 6'25 | 29°58 | 8°45 | 23°21 | 16°52 | 19°12 | 17°39 | 20°42 | 20°19 | 27°59 | 26°D20 | 27°23 | 0♂3 | 21°22 | | | | | | | | | |
| M29 | 4 32 19 | 7° 7'20 | 14♂8 | 10°19 | 24°23 | 17°39 | 19°15 | 17°45 | 20°43 | 20°21 | 27°58 | 26°21 | 27°20 | 0° 9 | 21°24 | | | | | | | | | |
| T30 | 4 36 16 | 8♁8'16 | 27♂52 | 11♁53 | 25♂24 | 18♂25 | 19♁18 | 17♂51 | 20♁45 | 20♂23 | 27♁57 | 26♁22 | 27♁17 | 0♂16 | 21♁26 | | | | | | | | | |

Delta T = 28.23 sec.

Greg. Calendar

DECEMBER 1666GC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|-----|---------|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|------|-------|---|---|---|---|---|---|---|---|--|
| W 1 | 4 40 12 | 9♁9'13 | 11♁10 | 13♁27 | 26♂25 | 19♂12 | 19♁22 | 17♂57 | 20♁46 | 20♂25 | 27°R55 | 26♁24 | 27♁14 | 0♂23 | 21♁28 | | | | | | | | | |
| T 2 | 4 44 9 | 10°10'10 | 24° 3 | 15° 2 | 27°25 | 19°58 | 19°25 | 18° 3 | 20°48 | 20°27 | 27♁54 | 26°25 | 27°11 | 0°29 | 21°30 | | | | | | | | | |
| F 3 | 4 48 5 | 11°11'08 | 6♁35 | 16°36 | 28°25 | 20°45 | 19°29 | 18° 9 | 20°50 | 20°28 | 27°53 | 26°R26 | 27° 8 | 0°36 | 21°32 | | | | | | | | | |
| S 4 | 4 52 2 | 12°12'06 | 18°49 | 18°10 | 29°25 | 21°32 | 19°33 | 18°15 | 20°51 | 20°30 | 27°52 | 26°26 | 27° 4 | 0°43 | 21°34 | | | | | | | | | |
| S 5 | 4 55 59 | 13°13'05 | 0°Y52 | 19°44 | 0♁24 | 22°18 | 19°37 | 18°21 | 20°53 | 20°32 | 27°51 | 26°25 | 27° 1 | 0°49 | 21°36 | | | | | | | | | |
| M 6 | 4 59 55 | 14°14'05 | 12°47 | 21°18 | 1°22 | 23° 5 | 19°42 | 18°27 | 20°55 | 20°34 | 27°50 | 26°24 | 26°58 | 0°56 | 21°38 | | | | | | | | | |
| T 7 | 5 3 52 | 15°15'06 | 24°37 | 22°52 | 2°20 | 23°52 | 19°46 | 18°34 | 20°57 | 20°36 | 27°48 | 26°22 | 26°55 | 1° 3 | 21°40 | | | | | | | | | |
| W 8 | 5 7 48 | 16°16'07 | 6♂28 | 24°26 | 3°18 | 24°39 | 19°51 | 18°40 | 20°59 | 20°38 | 27°47 | 26°20 | 26°52 | 1°10 | 21°42 | | | | | | | | | |
| T 9 | 5 11 45 | 17°17'08 | 18°23 | 26° 1 | 4°15 | 25°25 | 19°56 | 18°46 | 21° 1 | 20°40 | 27°46 | 26°19 | 26°49 | 1°16 | 21°45 | | | | | | | | | |
| F10 | 5 15 41 | 18°18'10 | 0♁23 | 27°35 | 5°11 | 26°12 | 20° 1 | 18°53 | 21° 3 | 20°42 | 27°45 | 26°18 | 26°45 | 1°23 | 21°47 | | | | | | | | | |
| S11 | 5 19 38 | 19°19'13 | 12°32 | 29° 9 | 6° 7 | 26°59 | 20° 6 | 18°59 | 21° 5 | 20°44 | 27°44 | 26°17 | 26°42 | 1°30 | 21°49 | | | | | | | | | |
| S12 | 5 23 34 | 20°20'17 | 24°51 | 0♂44 | 7° 3 | 27°46 | 20°12 | 19° 6 | 21° 7 | 20°46 | 27°43 | 26°D17 | 26°39 | 1°36 | 21°52 | | | | | | | | | |
| M13 | 5 27 31 | 21°21'21 | 7♂20 | 2°18 | 7°57 | 28°33 | 20°18 | 19°12 | 21° 9 | 20°48 | 27°41 | 26°17 | 26°36 | 1°43 | 21°54 | | | | | | | | | |
| T14 | 5 31 28 | 22°22'26 | 20° 2 | 3°52 | 8°51 | 29°20 | 20°23 | 19°19 | 21°11 | 20°50 | 27°40 | 26°17 | 26°33 | 1°50 | 21°57 | | | | | | | | | |
| W15 | 5 35 24 | 23°23'32 | 2♁56 | 5°27 | 9°45 | 0♁7 | 20°29 | 19°25 | 21°13 | 20°52 | 27°39 | 26°18 | 26°29 | 1°56 | 21°59 | | | | | | | | | |
| T16 | 5 39 21 | 24°24'38 | 16° 4 | 7° 1 | 10°37 | 0°54 | 20°36 | 19°32 | 21°15 | 20°54 | 27°38 | 26°18 | 26°26 | 2° 3 | 22° 2 | | | | | | | | | |
| F17 | 5 43 17 | 25°25'45 | 29°26 | 8°35 | 11°29 | 1°41 | 20°42 | 19°39 | 21°18 | 20°56 | 27°37 | 26°18 | 26°23 | 2°10 | 22° 5 | | | | | | | | | |
| S18 | 5 47 14 | 26°26'52 | 13♁3 | 10° 8 | 12°21 | 2°28 | 20°48 | 19°45 | 21°20 | 20°58 | 27°35 | 26°R18 | 26°20 | 2°17 | 22° 8 | | | | | | | | | |
| S19 | 5 51 10 | 27°28'01 | 26°55 | 11°42 | 13°11 | 3°15 | 20°55 | 19°52 | 21°22 | 21° 0 | 27°34 | 26°D18 | 26°17 | 2°23 | 22°10 | | | | | | | | | |
| M20 | 5 55 7 | 28°29'10 | 11♁1 | 13°15 | 14° 1 | 4° 2 | 21° 2 | 19°59 | 21°25 | 21° 3 | 27°33 | 26°18 | 26°14 | 2°30 | 22°13 | | | | | | | | | |
| T21 | 5 59 4 | 29°30'19 | 25°20 | 14°47 | 14°50 | 4°49 | 21° 9 | 20° 6 | 21°27 | 21° 5 | 27°32 | 26°18 | 26°10 | 2°37 | 22°16 | | | | | | | | | |
| W22 | 6 3 0 | 0♂31'29 | 9♁49 | 16°18 | 15°38 | 5°36 | 21°16 | 20°13 | 21°29 | 21° 7 | 27°31 | 26°19 | 26° 7 | 2°43 | 22°19 | | | | | | | | | |
| T23 | 6 6 57 | 1°32'40 | 24°24 | 17°49 | 16°25 | 6°23 | 21°24 | 20°19 | 21°32 | 21° 9 | 27°29 | 26°19 | 26° 4 | 2°50 | 22°22 | | | | | | | | | |
| F24 | 6 10 53 | 2°33'51 | 9♁0 | 19°19 | 17°11 | 7°10 | 21°31 | 20°26 | 21°34 | 21°11 | 27°28 | 26°20 | 26° 1 | 2°57 | 22°25 | | | | | | | | | |
| S25 | 6 14 50 | 3°35'03 | 23°31 | 20°47 | 17°56 | 7°57 | 21°39 | 20°33 | 21°37 | 21°13 | 27°27 | 26°R20 | 25°58 | 3° 3 | 22°28 | | | | | | | | | |
| S26 | 6 18 46 | 4°36'15 | 7♂51 | 22°13 | 18°40 | 8°45 | 21°47 | 20°40 | 21°40 | 21°16 | 27°26 | 26°20 | 25°55 | 3°10 | 22°31 | | | | | | | | | |
| M27 | 6 22 43 | 5°37'27 | 21°54 | 23°38 | 19°23 | 9°32 | 21°54 | 20°47 | 21°42 | 21°18 | 27°25 | 26°19 | 25°51 | 3°17 | 22°34 | | | | | | | | | |
| T28 | 6 26 39 | 6°38'38 | 5♁36 | 25° 0 | 20° 5 | 10°19 | | | | | | | | | | | | | | | | | | |