

SWISS EPHEMERIS for the year 1268

JANUARY 1268 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|---------|----------|-------|-------|-------|--------|--------|-------|-------|--------|-------|-------|------|-------|------|---|
| S 1 | 7 8 41 | 17°34'07 | 6°546 | 25°42 | 28°33 | 11°345 | 18°R56 | 6°R22 | 9°R35 | 17°R15 | 26°14 | 3°R56 | 2°22 | 29°7 | 2°36 | |
| M 2 | 7 12 37 | 18°46'11 | 20°44 | 27° 0 | 29°49 | 12°31 | 18°50 | 6°17 | 9°35 | 17°13 | 26°16 | 3°50 | 2°19 | 29°14 | 2°42 | |
| T 3 | 7 16 34 | 19°47'14 | 4°59 | 28°20 | 1°34 | 13°18 | 18°44 | 6°12 | 9°34 | 17°12 | 26°18 | 3°43 | 2°16 | 29°20 | 2°48 | |
| W 4 | 7 20 30 | 20°48'17 | 19°27 | 29°41 | 2°19 | 14° 5 | 18°38 | 6° 7 | 9°34 | 17°10 | 26°20 | 3°35 | 2°13 | 29°27 | 2°54 | |
| T 5 | 7 24 27 | 21°49'20 | 3°59 | 1°34 | 3°34 | 14°51 | 18°32 | 6° 3 | 9°34 | 17° 9 | 26°22 | 3°28 | 2°10 | 29°34 | 2°59 | |
| F 6 | 7 28 23 | 22°50'21 | 18°30 | 2°27 | 4°49 | 15°38 | 18°25 | 5°58 | 9°33 | 17° 7 | 26°24 | 3°21 | 2° 7 | 29°41 | 3° 5 | |
| S 7 | 7 32 20 | 23°51'22 | 2°55 | 3°51 | 6° 4 | 16°24 | 18°19 | 5°53 | 9°33 | 17° 6 | 26°26 | 3°17 | 2° 3 | 29°47 | 3°11 | |
| S 8 | 7 36 17 | 24°52'23 | 17° 9 | 5°16 | 7°19 | 17°11 | 18°12 | 5°49 | 9°33 | 17° 4 | 26°28 | 3°15 | 2° 0 | 29°54 | 3°16 | |
| M 9 | 7 40 13 | 25°53'23 | 1°11 | 6°42 | 8°34 | 17°58 | 18° 5 | 5°44 | 9°33 | 17° 3 | 26°30 | 3°D15 | 1°57 | 0°7 | 3°22 | |
| T 10 | 7 44 10 | 26°54'22 | 15° 1 | 8° 9 | 9°49 | 18°44 | 17°58 | 5°40 | 9°D33 | 17° 1 | 26°32 | 3°16 | 1°54 | 0° 7 | 3°27 | |
| W11 | 7 48 6 | 27°55'21 | 28°37 | 9°36 | 11° 4 | 19°31 | 17°51 | 5°35 | 9°33 | 17° 0 | 26°34 | 3°R17 | 1°51 | 0°14 | 3°33 | |
| T 12 | 7 52 3 | 28°56'19 | 12°2 | 11° 5 | 12°19 | 20°18 | 17°44 | 5°31 | 9°33 | 16°58 | 26°36 | 3°16 | 1°48 | 0°21 | 3°38 | |
| F 13 | 7 55 59 | 29°57'16 | 25°16 | 12°34 | 13°35 | 21° 5 | 17°37 | 5°27 | 9°33 | 16°57 | 26°38 | 3°14 | 1°44 | 0°27 | 3°43 | |
| S 14 | 7 59 56 | 0°58'12 | 8°319 | 14° 4 | 14°50 | 21°52 | 17°30 | 5°23 | 9°33 | 16°55 | 26°39 | 3° 9 | 1°41 | 0°34 | 3°48 | |
| S 15 | 8 3 52 | 1°59'08 | 21°11 | 15°35 | 16° 5 | 22°38 | 17°22 | 5°18 | 9°33 | 16°53 | 26°41 | 3° 1 | 1°38 | 0°41 | 3°53 | |
| M16 | 8 7 49 | 3° 0'02 | 3°51 | 17° 6 | 17°20 | 23°25 | 17°15 | 5°14 | 9°34 | 16°52 | 26°43 | 2°51 | 1°35 | 0°48 | 3°58 | |
| T 17 | 8 11 46 | 4° 0'55 | 16°21 | 18°39 | 18°35 | 24°12 | 17° 7 | 5°10 | 9°34 | 16°50 | 26°45 | 2°40 | 1°32 | 0°54 | 4° 3 | |
| W18 | 8 15 42 | 5° 1'46 | 28°38 | 20°12 | 19°50 | 24°59 | 17° 0 | 5° 6 | 9°34 | 16°49 | 26°47 | 2°27 | 1°28 | 1° 1 | 4° 8 | |
| T 19 | 8 19 39 | 6° 2'37 | 10°45 | 21°45 | 21° 5 | 25°46 | 16°52 | 5° 2 | 9°35 | 16°47 | 26°48 | 2°16 | 1°25 | 1° 8 | 4°13 | |
| F 20 | 8 23 35 | 7° 3'25 | 22°44 | 23°20 | 22°20 | 26°33 | 16°45 | 4°59 | 9°35 | 16°45 | 26°50 | 2° 5 | 1°22 | 1°14 | 4°18 | |
| S 21 | 8 27 32 | 8° 4'13 | 4°36 | 24°55 | 23°35 | 27°20 | 16°37 | 4°55 | 9°36 | 16°44 | 26°52 | 1°58 | 1°19 | 1°21 | 4°22 | |
| S 22 | 8 31 28 | 9° 4'59 | 16°25 | 26°31 | 24°50 | 28° 7 | 16°29 | 4°51 | 9°36 | 16°42 | 26°54 | 1°52 | 1°16 | 1°28 | 4°27 | |
| M23 | 8 35 25 | 10° 5'43 | 28°16 | 28° 8 | 26° 5 | 28°54 | 16°21 | 4°48 | 9°37 | 16°40 | 26°55 | 1°50 | 1°13 | 1°35 | 4°31 | |
| T 24 | 8 39 21 | 11° 6'25 | 10°14 | 29°46 | 27°20 | 29°41 | 16°13 | 4°44 | 9°38 | 16°39 | 26°57 | 1°D49 | 1° 9 | 1°41 | 4°36 | |
| W25 | 8 43 18 | 12° 7'06 | 22°23 | 1°24 | 28°35 | 0°28 | 16° 5 | 4°41 | 9°38 | 16°37 | 26°59 | 1°49 | 1° 6 | 1°48 | 4°40 | |
| T 26 | 8 47 15 | 13° 7'46 | 4°11 | 3° 4 | 29°50 | 1°15 | 15°57 | 4°37 | 9°39 | 16°35 | 27° 0 | 1°R49 | 1° 3 | 1°55 | 4°44 | |
| F 27 | 8 51 11 | 14° 8'23 | 17°40 | 4°44 | 1°5 2 | 2° 2 | 15°50 | 4°34 | 9°40 | 16°34 | 27° 2 | 1°48 | 1° 0 | 2° 1 | 4°48 | |
| S 28 | 8 55 8 | 15° 8'59 | 0°55 | 6°25 | 2°20 | 2°49 | 15°42 | 4°31 | 9°41 | 16°32 | 27° 4 | 1°45 | 0°57 | 2° 8 | 4°52 | |
| S 29 | 8 59 4 | 16° 9'33 | 14°39 | 8° 7 | 3°35 | 3°36 | 15°34 | 4°28 | 9°42 | 16°30 | 27° 5 | 1°39 | 0°54 | 2°15 | 4°56 | |
| M30 | 9 3 1 | 17°10'06 | 28°50 | 9°50 | 4°50 | 4°23 | 15°26 | 4°25 | 9°43 | 16°29 | 27° 7 | 1°31 | 0°50 | 2°21 | 5° 0 | |
| T 31 | 9 6 57 | 18°10'36 | 13°25 | 11°33 | 6°5 | 5°11 | 15°18 | 4°22 | 9°44 | 16°27 | 27° 8 | 1°20 | 0°47 | 2°28 | 5° 4 | |

Delta T = 09m01s Julian Calendar 1 Jan. 1268 == Greg. Calendar 8 Jan. 1268

FEBRUARY 1268 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|--------|-------|-------|--------|-------|--------|-------|------|------|---|
| W 1 | 9 10 54 | 19°11'05 | 28°17 | 13°18 | 7°20 | 5°58 | 15°R10 | 4°R19 | 9°45 | 16°R25 | 27°10 | 1°R 9 | 0°44 | 2°35 | 5° 8 | |
| T 2 | 9 14 50 | 20°11'33 | 13°17 | 15° 3 | 8°35 | 6°45 | 15° 2 | 4°17 | 9°46 | 16°24 | 27°11 | 0°57 | 0°41 | 2°42 | 5°11 | |
| F 3 | 9 18 47 | 21°11'59 | 28°15 | 16°50 | 9°50 | 7°32 | 14°54 | 4°14 | 9°47 | 16°22 | 27°13 | 0°48 | 0°38 | 2°48 | 5°15 | |
| S 4 | 9 22 44 | 22°12'23 | 13°3 | 18°37 | 11° 5 | 8°19 | 14°46 | 4°11 | 9°49 | 16°20 | 27°14 | 0°41 | 0°34 | 2°55 | 5°18 | |
| S 5 | 9 26 40 | 23°12'46 | 27°34 | 20°26 | 12°20 | 9° 6 | 14°39 | 4° 9 | 9°50 | 16°19 | 27°15 | 0°36 | 0°31 | 3° 2 | 5°22 | |
| M 6 | 9 30 37 | 24°13'08 | 11°44 | 22°15 | 13°35 | 9°53 | 14°31 | 4° 7 | 9°51 | 16°17 | 27°17 | 0°35 | 0°28 | 3° 8 | 5°25 | |
| T 7 | 9 34 33 | 25°13'28 | 25°34 | 24° 5 | 14°50 | 10°41 | 14°23 | 4° 5 | 9°53 | 16°15 | 27°18 | 0°34 | 0°25 | 3°15 | 5°28 | |
| W 8 | 9 38 30 | 26°13'47 | 9°4 | 25°56 | 16° 5 | 11°28 | 14°16 | 4° 2 | 9°54 | 16°14 | 27°19 | 0°34 | 0°22 | 3°22 | 5°31 | |
| T 9 | 9 42 26 | 27°14'04 | 22°16 | 27°48 | 17°20 | 12°15 | 14° 8 | 4° 0 | 9°56 | 16°12 | 27°21 | 0°33 | 0°19 | 3°28 | 5°34 | |
| F 10 | 9 46 23 | 28°14'20 | 5°12 | 29°41 | 18°35 | 13° 2 | 14° 0 | 3°59 | 9°57 | 16°10 | 27°22 | 0°30 | 0°15 | 3°35 | 5°37 | |
| S 11 | 9 50 19 | 29°14'34 | 17°56 | 1°35 | 19°49 | 13°49 | 13°53 | 3°57 | 9°59 | 16° 9 | 27°23 | 0°23 | 0°12 | 3°42 | 5°40 | |
| S 12 | 9 54 16 | 0°14'47 | 0°29 | 3°29 | 21° 4 | 14°36 | 13°46 | 3°55 | 10° 0 | 16° 7 | 27°24 | 0°14 | 0° 9 | 3°49 | 5°42 | |
| M13 | 9 58 13 | 1°14'58 | 12°53 | 5°24 | 22°19 | 15°24 | 13°38 | 3°54 | 10° 2 | 16° 5 | 27°26 | 0° 2 | 0° 6 | 3°55 | 5°45 | |
| T 14 | 10 2 9 | 2°15'07 | 25° 8 | 7°20 | 23°34 | 16°11 | 13°31 | 3°52 | 10° 4 | 16° 4 | 27°27 | 29°48 | 0° 3 | 4° 2 | 5°47 | |
| W15 | 10 6 6 | 3°15'14 | 7°15 | 9°16 | 24°49 | 16°58 | 13°24 | 3°51 | 10° 6 | 16° 2 | 27°28 | 29°33 | 0° 0 | 4° 9 | 5°50 | |
| T 16 | 10 10 2 | 4°15'19 | 19°15 | 11°12 | 26° 4 | 17°45 | 13°17 | 3°49 | 10° 7 | 16° 1 | 27°29 | 29°19 | 29°56 | 4°15 | 5°52 | |
| F 17 | 10 13 59 | 5°15'22 | 1°9 | 13° 8 | 27°19 | 18°32 | 13°10 | 3°48 | 10° 9 | 15°59 | 27°30 | 29° 6 | 29°53 | 4°22 | 5°54 | |
| S 18 | 10 17 55 | 6°15'23 | 12°59 | 15° 4 | 28°33 | 19°20 | 13° 3 | 3°47 | 10°11 | 15°57 | 27°31 | 28°56 | 29°50 | 4°29 | 5°57 | |
| S 19 | 10 21 52 | 7°15'22 | 24°47 | 17° 0 | 29°48 | 20° 7 | 12°57 | 3°46 | 10°13 | 15°56 | 27°32 | 28°49 | 29°47 | 4°35 | 5°59 | |
| M20 | 10 25 48 | 8°15'19 | 6°37 | 18°55 | 1°3 | 20°54 | 12°50 | 3°46 | 10°15 | 15°54 | 27°33 | 28°44 | 29°44 | 4°42 | 6° 0 | |
| T 21 | 10 29 45 | 9°15'14 | 18°34 | 20°49 | 2°18 | 21°41 | 12°43 | 3°45 | 10°17 | 15°53 | 27°34 | 28°43 | 29°40 | 4°49 | 6° 2 | |
| W22 | 10 33 41 | 10°15'07 | 0°11 | 22°41 | 3°32 | 22°28 | 12°37 | 3°44 | 10°19 | 15°51 | 27°35 | 28°D42 | 29°37 | 4°56 | 6° 4 | |
| T 23 | 10 37 38 | 11°14'57 | 13° 4 | 24°32 | 4°47 | 23°16 | 12°31 | 3°44 | 10°21 | 15°50 | 27°36 | 28°R42 | 29°34 | 5° 2 | 6° 6 | |
| F 24 | 10 41 35 | 12°14'45 | 25°48 | 26°21 | 6° 2 | 24° 3 | 12°25 | 3°44 | 10°23 | 15°48 | 27°37 | 28°42 | 29°31 | 5° 9 | 6° 7 | |
| S 25 | 10 45 31 | 13°14'31 | 8°59 | 28° 7 | 7°17 | 24°50 | 12°19 | 3°43 | 10°26 | 15°47 | 27°38 | 28°39 | 29°28 | 5°16 | 6° 8 | |
| S 26 | 10 49 28 | 14°14'15 | 22°39 | 29°50 | 8°31 | 25°37 | 12°13 | 3°43 | 10°28 | 15°45 | 27°39 | 28°34 | 29°25 | 5°22 | 6°10 | |
| M27 | 10 53 24 | 15°13'56 | 6°49 | 1°29 | 9°46 | 26°24 | 12° 7 | 3°D43 | 10°30 | 15°44 | 27°39 | 28°27 | 29°21 | 5°29 | 6°11 | |
| T 28 | 10 57 21 | 16°13'35 | 21°27 | 3° 4 | 11° 1 | 27°11 | 12° 2 | 3°43 | 10°32 | 15°43 | 27°40 | 28°17 | 29°18 | 5°36 | 6°12 | |
| W29 | 11 1 17 | 17°13'12 | 6°28 | 4°34 | 12°15 | 27°58 | 11°57 | 3°44 | 10°35 | 15°41 | 27°41 | 28°11 | 29°15 | 5°42 | 6°13 | |

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SWISS EPHEMERIS for the year 1268

MARCH 1268 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♅ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ | ♁ |
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| T 1 | 11 5 14 | 18X12'46 | 21M42 | 5Y59 | 13X30 | 28X45 | 11°R51 | 3E44 | 10R37 | 15°R40 | 27A41 | 27°R57 | 29M12 | 5Y49 | 6A14 |
| F 2 | 11 9 10 | 19°12'19 | 6E58 | 7°19 | 14°45 | 29°33 | 11R46 | 3°44 | 10°40 | 15R39 | 27°42 | 27M48 | 29° 9 | 5°56 | 6°15 |
| S 3 | 11 13 7 | 20°11'49 | 22° 5 | 8°33 | 15°59 | 0X20 | 11°41 | 3°45 | 10°42 | 15°37 | 27°43 | 27°41 | 29° 5 | 6° 3 | 6°16 |
| S 4 | 11 17 4 | 21°11'18 | 6M55 | 9°41 | 17°14 | 1° 7 | 11°37 | 3°45 | 10°45 | 15°36 | 27°43 | 27°37 | 29° 2 | 6° 9 | 6°16 |
| M 5 | 11 21 0 | 22°10'45 | 21°22 | 10°42 | 18°28 | 1°54 | 11°32 | 3°46 | 10°47 | 15°35 | 27°44 | 27°D35 | 28°59 | 6°16 | 6°17 |
| T 6 | 11 24 57 | 23°10'10 | 5A23 | 11°36 | 19°43 | 2°41 | 11°28 | 3°47 | 10°50 | 15°33 | 27°44 | 27°35 | 28°56 | 6°23 | 6°17 |
| W 7 | 11 28 53 | 24° 9'34 | 18°58 | 12°23 | 20°57 | 3°28 | 11°23 | 3°48 | 10°52 | 15°32 | 27°45 | 27°R36 | 28°53 | 6°29 | 6°17 |
| T 8 | 11 32 50 | 25° 8'55 | 2R10 | 13° 3 | 22°12 | 4°15 | 11°19 | 3°49 | 10°55 | 15°31 | 27°45 | 27°36 | 28°50 | 6°36 | 6°18 |
| F 9 | 11 36 46 | 26° 8'15 | 15° 1 | 13°36 | 23°27 | 5° 2 | 11°15 | 3°50 | 10°58 | 15°30 | 27°46 | 27°34 | 28°46 | 6°43 | 6°18 |
| S 10 | 11 40 43 | 27° 7'33 | 27°36 | 14° 1 | 24°41 | 5°49 | 11°12 | 3°52 | 11° 0 | 15°28 | 27°46 | 27°30 | 28°43 | 6°49 | 6°R18 |
| S 11 | 11 44 39 | 28° 6'49 | 9X58 | 14°18 | 25°56 | 6°36 | 11° 8 | 3°53 | 11° 3 | 15°27 | 27°47 | 27°23 | 28°40 | 6°56 | 6°18 |
| M12 | 11 48 36 | 29° 6'04 | 22°10 | 14°28 | 27°10 | 7°23 | 11° 5 | 3°55 | 11° 6 | 15°26 | 27°47 | 27°14 | 28°37 | 7° 3 | 6°17 |
| T13 | 11 52 33 | 0Y 5'16 | 4X13 | 14°R31 | 28°24 | 8°10 | 11° 1 | 3°56 | 11° 9 | 15°25 | 27°47 | 27° 4 | 28°34 | 7° 9 | 6°17 |
| W14 | 11 56 29 | 1° 4'26 | 16°11 | 14°26 | 29°39 | 8°56 | 10°58 | 3°58 | 11°11 | 15°24 | 27°48 | 26°53 | 28°31 | 7°16 | 6°17 |
| T15 | 12 0 26 | 2° 3'34 | 28° 4 | 14°15 | 0Y53 | 9°43 | 10°55 | 4° 0 | 11°14 | 15°23 | 27°48 | 26°42 | 28°27 | 7°23 | 6°16 |
| F16 | 12 4 22 | 3° 2'41 | 9Y55 | 13°57 | 2° 8 | 10°30 | 10°53 | 4° 2 | 11°17 | 15°22 | 27°48 | 26°32 | 28°24 | 7°30 | 6°16 |
| S17 | 12 8 19 | 4° 1'45 | 21°44 | 13°34 | 3°22 | 11°17 | 10°50 | 4° 4 | 11°20 | 15°21 | 27°48 | 26°25 | 28°21 | 7°36 | 6°15 |
| S18 | 12 12 15 | 5° 0'47 | 3R34 | 13° 4 | 4°37 | 12° 4 | 10°48 | 4° 6 | 11°23 | 15°20 | 27°48 | 26°20 | 28°18 | 7°43 | 6°14 |
| M19 | 12 16 12 | 5°59'47 | 15°28 | 12°30 | 5°51 | 12°51 | 10°46 | 4° 8 | 11°26 | 15°19 | 27°49 | 26°17 | 28°15 | 7°50 | 6°13 |
| T20 | 12 20 8 | 6°58'44 | 27°27 | 11°52 | 7° 5 | 13°37 | 10°44 | 4°11 | 11°29 | 15°18 | 27°49 | 26°D16 | 28°11 | 7°56 | 6°12 |
| W21 | 12 24 5 | 7°57'40 | 9M37 | 11°11 | 8°20 | 14°24 | 10°42 | 4°13 | 11°32 | 15°17 | 27°49 | 26°17 | 28° 8 | 8° 3 | 6°11 |
| T22 | 12 28 2 | 8°56'33 | 22° 1 | 10°28 | 9°34 | 15°11 | 10°41 | 4°16 | 11°35 | 15°16 | 27°49 | 26°18 | 28° 5 | 8°10 | 6°10 |
| F23 | 12 31 58 | 9°55'24 | 4E43 | 9°42 | 10°48 | 15°57 | 10°39 | 4°19 | 11°38 | 15°16 | 27°R49 | 26°R19 | 28° 2 | 8°16 | 6° 9 |
| S24 | 12 35 55 | 10°54'12 | 17°49 | 8°57 | 12° 3 | 16°44 | 10°38 | 4°21 | 11°41 | 15°15 | 27°49 | 26°19 | 27°59 | 8°23 | 6° 7 |
| S25 | 12 39 51 | 11°52'59 | 1R21 | 8°11 | 13°17 | 17°31 | 10°37 | 4°24 | 11°44 | 15°14 | 27°49 | 26°17 | 27°56 | 8°30 | 6° 6 |
| M26 | 12 43 48 | 12°51'42 | 15°22 | 7°27 | 14°31 | 18°17 | 10°36 | 4°27 | 11°47 | 15°13 | 27°49 | 26°14 | 27°52 | 8°36 | 6° 4 |
| T27 | 12 47 44 | 13°50'24 | 29°50 | 6°44 | 15°45 | 19° 4 | 10°36 | 4°30 | 11°51 | 15°12 | 27°48 | 26° 9 | 27°49 | 8°43 | 6° 3 |
| W28 | 12 51 41 | 14°49'03 | 14M43 | 6° 4 | 17° 0 | 19°50 | 10°35 | 4°34 | 11°54 | 15°12 | 27°48 | 26° 3 | 27°46 | 8°50 | 6° 1 |
| T29 | 12 55 37 | 15°47'40 | 29°52 | 5°27 | 18°14 | 20°37 | 10°35 | 4°37 | 11°57 | 15°11 | 27°48 | 25°57 | 27°43 | 8°57 | 5°59 |
| F30 | 12 59 34 | 16°46'15 | 15E 9 | 4°54 | 19°28 | 21°23 | 10°D35 | 4°40 | 12° 0 | 15°10 | 27°48 | 25°52 | 27°40 | 9° 3 | 5°57 |
| S31 | 13 3 30 | 17Y44'48 | 0M22 | 4Y25 | 20Y42 | 22X10 | 10R35 | 4E44 | 12R 3 | 15R10 | 27A48 | 25M48 | 27M36 | 9Y10 | 5A55 |

Delta T = 09m01s Julian Calendar 1 March 1268 == Greg. Calendar 8 March 1268

APRIL 1268 JC

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|-----|----------|----------|-------|-------|-------|-------|-------|------|-------|--------|--------|--------|-------|-------|-------|
| S 1 | 13 7 27 | 18Y43'20 | 15M22 | 4°R 0 | 21Y56 | 22X56 | 10R35 | 4E47 | 12R 7 | 15°R 9 | 27°R47 | 25°R46 | 27M33 | 9Y17 | 5°R53 |
| M 2 | 13 11 24 | 19°41'49 | 0A 2 | 3Y40 | 23°10 | 23°42 | 10°36 | 4°51 | 12°10 | 15R 9 | 27A47 | 25°D45 | 27°30 | 9°23 | 5A51 |
| T 3 | 13 15 20 | 20°40'17 | 14°15 | 3°25 | 24°25 | 24°29 | 10°37 | 4°55 | 12°13 | 15° 8 | 27°47 | 25M46 | 27°27 | 9°30 | 5°49 |
| W 4 | 13 19 17 | 21°38'43 | 28° 1 | 3°16 | 25°39 | 25°15 | 10°37 | 4°59 | 12°17 | 15° 8 | 27°46 | 25°48 | 27°24 | 9°37 | 5°46 |
| T 5 | 13 23 13 | 22°37'08 | 11R20 | 3°D11 | 26°53 | 26° 1 | 10°38 | 5° 2 | 12°20 | 15° 7 | 27°46 | 25°49 | 27°21 | 9°43 | 5°44 |
| F 6 | 13 27 10 | 23°35'31 | 24°16 | 3°11 | 28° 7 | 26°48 | 10°40 | 5° 6 | 12°23 | 15° 7 | 27°46 | 25°R50 | 27°17 | 9°50 | 5°41 |
| S 7 | 13 31 6 | 24°33'52 | 6X51 | 3°16 | 29°21 | 27°34 | 10°41 | 5°11 | 12°27 | 15° 7 | 27°45 | 25°49 | 27°14 | 9°57 | 5°39 |
| S 8 | 13 35 3 | 25°32'12 | 19°10 | 3°26 | 0R35 | 28°20 | 10°43 | 5°15 | 12°30 | 15° 6 | 27°45 | 25°47 | 27°11 | 10° 3 | 5°36 |
| M 9 | 13 38 59 | 26°30'30 | 1X16 | 3°41 | 1°49 | 29° 6 | 10°45 | 5°19 | 12°33 | 15° 6 | 27°44 | 25°43 | 27° 8 | 10°10 | 5°34 |
| T10 | 13 42 56 | 27°28'46 | 13°14 | 4° 0 | 3° 3 | 29°52 | 10°46 | 5°23 | 12°37 | 15° 6 | 27°44 | 25°39 | 27° 5 | 10°17 | 5°31 |
| W11 | 13 46 53 | 28°27'01 | 25° 6 | 4°24 | 4°17 | 0Y38 | 10°49 | 5°28 | 12°40 | 15° 5 | 27°43 | 25°34 | 27° 2 | 10°23 | 5°28 |
| T12 | 13 50 49 | 29°25'14 | 6Y56 | 4°52 | 5°31 | 1°24 | 10°51 | 5°32 | 12°44 | 15° 5 | 27°42 | 25°30 | 26°58 | 10°30 | 5°25 |
| F13 | 13 54 46 | 0R23'26 | 18°45 | 5°25 | 6°45 | 2°10 | 10°53 | 5°37 | 12°47 | 15° 5 | 27°42 | 25°26 | 26°55 | 10°37 | 5°22 |
| S14 | 13 58 42 | 1°21'36 | 0R37 | 6° 1 | 7°59 | 2°56 | 10°56 | 5°42 | 12°50 | 15° 5 | 27°41 | 25°23 | 26°52 | 10°43 | 5°19 |
| S15 | 14 2 39 | 2°19'44 | 12°32 | 6°41 | 9°13 | 3°42 | 10°59 | 5°47 | 12°54 | 15° 5 | 27°40 | 25°21 | 26°49 | 10°50 | 5°16 |
| M16 | 14 6 35 | 3°17'50 | 24°33 | 7°25 | 10°27 | 4°28 | 11° 2 | 5°51 | 12°57 | 15° 5 | 27°40 | 25°D20 | 26°46 | 10°57 | 5°13 |
| T17 | 14 10 32 | 4°15'55 | 6M43 | 8°12 | 11°41 | 5°14 | 11° 5 | 5°56 | 13° 1 | 15° 5 | 27°39 | 25°20 | 26°42 | 11° 4 | 5° 9 |
| W18 | 14 14 28 | 5°13'58 | 19° 2 | 9° 3 | 12°55 | 5°59 | 11° 9 | 6° 1 | 13° 4 | 15°D 5 | 27°38 | 25°22 | 26°39 | 11°10 | 5° 6 |
| T19 | 14 18 25 | 6°11'59 | 1E35 | 9°57 | 14° 8 | 6°45 | 11°12 | 6° 6 | 13° 8 | 15° 5 | 27°37 | 25°23 | 26°36 | 11°17 | 5° 3 |
| F20 | 14 22 22 | 7° 9'58 | 14°24 | 10°55 | 15°22 | 7°31 | 11°16 | 6°12 | 13°11 | 15° 5 | 27°37 | 25°24 | 26°33 | 11°24 | 4°59 |
| S21 | 14 26 18 | 8° 7'55 | 27°31 | 11°55 | 16°36 | 8°16 | 11°20 | 6°17 | 13°15 | 15° 5 | 27°36 | 25°25 | 26°30 | 11°30 | 4°56 |
| S22 | 14 30 15 | 9° 5'50 | 11R 0 | 12°58 | 17°50 | 9° 2 | 11°24 | 6°22 | 13°18 | 15° 5 | 27°35 | 25°R26 | 26°27 | 11°37 | 4°52 |
| M23 | 14 34 11 | 10° 3'44 | 24°52 | 14° 4 | 19° 4 | 9°47 | 11°28 | 6°28 | 13°22 | 15° 5 | 27°34 | 25°25 | 26°23 | 11°44 | 4°48 |
| T24 | 14 38 8 | 11° 1'35 | 9M 6 | 15°13 | 20°17 | 10°33 | 11°32 | 6°33 | 13°25 | 15° 5 | 27°33 | 25°24 | 26°20 | 11°50 | 4°45 |
| W25 | 14 42 4 | 11°59'25 | 23°42 | 16°24 | 21°31 | 11°18 | 11°37 | 6°39 | 13°29 | 15° 5 | 27°32 | 25°23 | 26°17 | 11°57 | 4°41 |
| T26 | 14 46 1 | 12°57'13 | 8E33 | 17°39 | 22°45 | 12° 4 | 11°41 | 6°44 | 13°32 | 15° 6 | 27°31 | 25°21 | 26°14 | 12° 4 | 4°37 |
| F27 | 14 49 57 | 13°54'59 | 23°34 | 18°55 | 23°59 | 12°49 | 11°46 | 6°50 | 13°35 | 15° 6 | 27°30 | 25°20 | 26°11 | 12°10 | 4°33 |
| S28 | 14 53 54 | 14°52'44 | 8M36 | 20°14 | 25°12 | 13°34 | 11°51 | 6°56 | 13°39 | 15° 6 | 27°29 | 25°19 | 26° 8 | 12°17 | 4°30 |
| S29 | 14 57 51 | 15°50'28 | 23°31 | 21°36 | 26°26 | 14°19 | 11°56 | 7° 1 | 13°42 | 15° 6 | 27°28 | 25°D19 | 26° 4 | 12°24 | 4°26 |
| M30 | 15 1 47 | 16R48'10 | 8A10 | 23Y 0 | 27R40 | 15Y 5 | 12R 2 | 7E 7 | 13R46 | 15R 7 | 27A27 | 25M19 | 26M 1 | 12Y30 | 4A22 |

Delta T = 09m01s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1268

MAY 1268 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|------------|--------|---------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---|---|---|---|---|---|---|---|
| T 1 | 15 5 44 | 17♌45'51 | 22♌28 | 24♌26 | 28♌53 | 15♌50 | 12♌7 | 7♌13 | 13♌49 | 15♌7 | 27♌R26 | 25♌M19 | 25♌M58 | 12♌Y37 | 4♌R18 | | | | | | | | |
| W 2 | 15 9 40 | 18°43'30 | 6♌21 | 25°55 | 0♌II 7 | 16°35 | 12°13 | 7°19 | 13°53 | 15° 8 | 27♌X25 | 25°20 | 25°55 | 12°44 | 4♌X14 | | | | | | | | |
| T 3 | 15 13 37 | 19°41'09 | 19°47 | 27°26 | 1°21 | 17°20 | 12°19 | 7°25 | 13°56 | 15° 8 | 27°24 | 25°21 | 25°52 | 12°50 | 4°10 | | | | | | | | |
| F 4 | 15 17 33 | 20°38'46 | 2♌X49 | 28°59 | 2°34 | 18° 5 | 12°24 | 7°31 | 14° 0 | 15° 9 | 27°23 | 25°21 | 25°48 | 12°57 | 4° 6 | | | | | | | | |
| S 5 | 15 21 30 | 21°36'23 | 15°29 | 0♌X35 | 3°48 | 18°50 | 12°30 | 7°38 | 14° 3 | 15° 9 | 27°22 | 25°21 | 25°45 | 13° 4 | 4° 2 | | | | | | | | |
| S 6 | 15 25 26 | 22°33'58 | 27°50 | 2°13 | 5° 2 | 19°35 | 12°37 | 7°44 | 14° 7 | 15°10 | 27°20 | 25°R21 | 25°42 | 13°11 | 3°58 | | | | | | | | |
| M 7 | 15 29 23 | 23°31'33 | 9♌X56 | 3°53 | 6°15 | 20°20 | 12°43 | 7°50 | 14°10 | 15°10 | 27°19 | 25°21 | 25°39 | 13°17 | 3°53 | | | | | | | | |
| T 8 | 15 33 20 | 24°29'06 | 21°52 | 5°36 | 7°29 | 21° 4 | 12°49 | 7°56 | 14°14 | 15°11 | 27°18 | 25°21 | 25°36 | 13°24 | 3°49 | | | | | | | | |
| W 9 | 15 37 16 | 25°26'39 | 3♌Y43 | 7°21 | 8°42 | 21°49 | 12°56 | 8° 3 | 14°17 | 15°12 | 27°17 | 25°D21 | 25°33 | 13°31 | 3°45 | | | | | | | | |
| T 10 | 15 41 13 | 26°24'11 | 15°32 | 9° 8 | 9°56 | 22°34 | 13° 3 | 8° 9 | 14°21 | 15°12 | 27°16 | 25°21 | 25°29 | 13°37 | 3°41 | | | | | | | | |
| F 11 | 15 45 9 | 27°21'41 | 27°23 | 10°57 | 11° 9 | 23°18 | 13°10 | 8°16 | 14°24 | 15°13 | 27°14 | 25°21 | 25°26 | 13°44 | 3°37 | | | | | | | | |
| S 12 | 15 49 6 | 28°19'11 | 9♌X19 | 12°49 | 12°23 | 24° 3 | 13°17 | 8°22 | 14°27 | 15°14 | 27°13 | 25°21 | 25°23 | 13°51 | 3°33 | | | | | | | | |
| S 13 | 15 53 2 | 29°16'40 | 21°23 | 14°43 | 13°36 | 24°47 | 13°24 | 8°29 | 14°31 | 15°15 | 27°12 | 25°R21 | 25°20 | 13°57 | 3°28 | | | | | | | | |
| M14 | 15 56 59 | 0♌II14'08 | 3♌II36 | 16°39 | 14°50 | 25°32 | 13°31 | 8°36 | 14°34 | 15°15 | 27°10 | 25°21 | 25°17 | 14° 4 | 3°24 | | | | | | | | |
| T 15 | 16 0 55 | 1°11'35 | 16° 0 | 18°37 | 16° 3 | 26°16 | 13°38 | 8°42 | 14°38 | 15°16 | 27° 9 | 25°21 | 25°14 | 14°11 | 3°20 | | | | | | | | |
| W16 | 16 4 52 | 2° 9'01 | 28°36 | 20°37 | 17°17 | 27° 1 | 13°46 | 8°49 | 14°41 | 15°17 | 27° 8 | 25°21 | 25°10 | 14°17 | 3°16 | | | | | | | | |
| T 17 | 16 8 49 | 3° 6'26 | 11♌X26 | 22°39 | 18°30 | 27°45 | 13°54 | 8°56 | 14°44 | 15°18 | 27° 6 | 25°20 | 25° 7 | 14°24 | 3°11 | | | | | | | | |
| F 18 | 16 12 45 | 4° 3'50 | 24°30 | 24°43 | 19°44 | 28°29 | 14° 1 | 9° 3 | 14°48 | 15°19 | 27° 5 | 25°19 | 25° 4 | 14°31 | 3° 7 | | | | | | | | |
| S 19 | 16 16 42 | 5° 1'12 | 7♌X49 | 26°49 | 20°57 | 29°13 | 14° 9 | 9°10 | 14°51 | 15°20 | 27° 4 | 25°18 | 25° 1 | 14°37 | 3° 3 | | | | | | | | |
| S 20 | 16 20 38 | 5°58'34 | 21°24 | 28°57 | 22°10 | 29°57 | 14°17 | 9°17 | 14°54 | 15°21 | 27° 2 | 25°17 | 24°58 | 14°44 | 2°59 | | | | | | | | |
| M21 | 16 24 35 | 6°55'54 | 5♌II14 | 1♌II 5 | 23°24 | 0♌X41 | 14°25 | 9°23 | 14°58 | 15°22 | 27° 1 | 25°D17 | 24°54 | 14°51 | 2°54 | | | | | | | | |
| T 22 | 16 28 31 | 7°53'13 | 19°20 | 3°15 | 24°37 | 1°25 | 14°34 | 9°30 | 15° 1 | 15°23 | 26°59 | 25°17 | 24°51 | 14°57 | 2°50 | | | | | | | | |
| W23 | 16 32 28 | 8°50'32 | 3♌X39 | 5°26 | 25°50 | 2° 9 | 14°42 | 9°38 | 15° 4 | 15°24 | 26°58 | 25°17 | 24°48 | 15° 4 | 2°46 | | | | | | | | |
| T 24 | 16 36 24 | 9°47'49 | 18° 9 | 7°37 | 27° 4 | 2°53 | 14°51 | 9°45 | 15° 7 | 15°25 | 26°57 | 25°18 | 24°45 | 15°11 | 2°42 | | | | | | | | |
| F 25 | 16 40 21 | 10°45'05 | 2♌X46 | 9°49 | 28°17 | 3°37 | 14°59 | 9°52 | 15°11 | 15°26 | 26°55 | 25°19 | 24°42 | 15°17 | 2°38 | | | | | | | | |
| S 26 | 16 44 18 | 11°42'20 | 17°25 | 12° 1 | 29°30 | 4°21 | 15° 8 | 9°59 | 15°14 | 15°28 | 26°54 | 25°20 | 24°39 | 15°24 | 2°33 | | | | | | | | |
| S 27 | 16 48 14 | 12°39'35 | 2♌X 0 | 14°12 | 0♌X44 | 5° 4 | 15°17 | 10° 6 | 15°17 | 15°29 | 26°52 | 25°R20 | 24°35 | 15°31 | 2°29 | | | | | | | | |
| M28 | 16 52 11 | 13°36'49 | 16°25 | 16°24 | 1°57 | 5°48 | 15°26 | 10°13 | 15°20 | 15°30 | 26°51 | 25°19 | 24°32 | 15°37 | 2°25 | | | | | | | | |
| T 29 | 16 56 7 | 14°34'03 | 0♌X34 | 18°34 | 3°10 | 6°32 | 15°35 | 10°21 | 15°23 | 15°31 | 26°49 | 25°18 | 24°29 | 15°44 | 2°21 | | | | | | | | |
| W30 | 17 0 4 | 15°31'16 | 14°24 | 20°44 | 4°23 | 7°15 | 15°44 | 10°28 | 15°27 | 15°33 | 26°48 | 25°15 | 24°26 | 15°51 | 2°17 | | | | | | | | |
| T 31 | 17 4 0 | 16♌II28'29 | 27♌X51 | 22♌II53 | 5♌X37 | 7♌X58 | 15♌X53 | 10♌X35 | 15♌X30 | 15♌X34 | 26♌X46 | 25♌M12 | 24♌M23 | 15♌Y57 | 2♌X13 | | | | | | | | |

Delta T = 09m00s Julian Calendar 1 May 1268 == Greg. Calendar 8 May 1268

JUNE 1268 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---|---|---|---|---|---|---|---|
| F 1 | 17 7 57 | 17♌II25'41 | 10♌X55 | 25♌II 0 | 6♌X50 | 8♌X42 | 16♌X 2 | 10♌X43 | 15♌X33 | 15♌X35 | 26°R45 | 25°R 9 | 24♌M20 | 16°Y 4 | 2°R 9 | | | | | | | | |
| S 2 | 17 11 53 | 18°22'53 | 23°37 | 27° 6 | 8° 3 | 9°25 | 16°12 | 10°50 | 15°36 | 15°37 | 26♌X43 | 25♌M 7 | 24°16 | 16°11 | 2♌X 5 | | | | | | | | |
| S 3 | 17 15 50 | 19°20'05 | 6♌X 1 | 29°10 | 9°16 | 10° 8 | 16°21 | 10°57 | 15°39 | 15°38 | 26°42 | 25° 5 | 24°13 | 16°18 | 2° 1 | | | | | | | | |
| M 4 | 17 19 47 | 20°17'17 | 18° 9 | 1♌X12 | 10°29 | 10°52 | 16°31 | 11° 5 | 15°42 | 15°39 | 26°40 | 25°D 4 | 24°10 | 16°24 | 1°57 | | | | | | | | |
| T 5 | 17 23 43 | 21°14'29 | 0♌Y 6 | 3°13 | 11°42 | 11°35 | 16°41 | 11°12 | 15°45 | 15°41 | 26°39 | 25° 4 | 24° 7 | 16°31 | 1°53 | | | | | | | | |
| W 6 | 17 27 40 | 22°11'41 | 11°57 | 5°11 | 12°55 | 12°18 | 16°50 | 11°20 | 15°48 | 15°42 | 26°37 | 25° 6 | 24° 4 | 16°38 | 1°50 | | | | | | | | |
| T 7 | 17 31 36 | 23° 8'53 | 23°47 | 7° 8 | 14° 9 | 13° 1 | 17° 0 | 11°27 | 15°51 | 15°44 | 26°36 | 25° 7 | 24° 0 | 16°44 | 1°46 | | | | | | | | |
| F 8 | 17 35 33 | 24° 6'04 | 5♌X40 | 9° 2 | 15°22 | 13°44 | 17°10 | 11°35 | 15°54 | 15°45 | 26°34 | 25° 9 | 23°57 | 16°51 | 1°42 | | | | | | | | |
| S 9 | 17 39 29 | 25° 3'16 | 17°41 | 10°55 | 16°35 | 14°27 | 17°20 | 11°42 | 15°57 | 15°47 | 26°33 | 25°10 | 23°54 | 16°58 | 1°39 | | | | | | | | |
| S 10 | 17 43 26 | 26° 0'28 | 29°53 | 12°45 | 17°48 | 15° 9 | 17°30 | 11°50 | 15°59 | 15°48 | 26°31 | 25°R10 | 23°51 | 17° 4 | 1°35 | | | | | | | | |
| M11 | 17 47 22 | 26°57'40 | 12♌II18 | 14°33 | 19° 1 | 15°52 | 17°41 | 11°58 | 16° 2 | 15°50 | 26°30 | 25° 9 | 23°48 | 17°11 | 1°31 | | | | | | | | |
| T 12 | 17 51 19 | 27°54'51 | 24°59 | 16°19 | 20°14 | 16°35 | 17°51 | 12° 5 | 16° 5 | 15°52 | 26°28 | 25° 6 | 23°45 | 17°18 | 1°28 | | | | | | | | |
| W13 | 17 55 16 | 28°52'03 | 7♌X56 | 18° 3 | 21°27 | 17°17 | 18° 2 | 12°13 | 16° 8 | 15°53 | 26°27 | 25° 2 | 23°41 | 17°24 | 1°24 | | | | | | | | |
| T 14 | 17 59 12 | 29°49'15 | 21° 9 | 19°45 | 22°40 | 18° 0 | 18°12 | 12°21 | 16°11 | 15°55 | 26°25 | 24°57 | 23°38 | 17°31 | 1°21 | | | | | | | | |
| F 15 | 18 3 9 | 0♌X46'26 | 4♌X36 | 21°25 | 23°53 | 18°42 | 18°23 | 12°28 | 16°13 | 15°56 | 26°24 | 24°51 | 23°35 | 17°38 | 1°18 | | | | | | | | |
| S 16 | 18 7 5 | 1°43'37 | 18°16 | 23° 2 | 25° 6 | 19°25 | 18°33 | 12°36 | 16°16 | 15°58 | 26°22 | 24°46 | 23°32 | 17°44 | 1°14 | | | | | | | | |
| S 17 | 18 11 2 | 2°40'48 | 2♌Y 7 | 24°38 | 26°19 | 20° 7 | 18°44 | 12°44 | 16°19 | 16° 0 | 26°21 | 24°41 | 23°29 | 17°51 | 1°11 | | | | | | | | |
| M18 | 18 14 58 | 3°37'59 | 16° 6 | 26°11 | 27°32 | 20°49 | 18°55 | 12°51 | 16°21 | 16° 2 | 26°19 | 24°39 | 23°25 | 17°58 | 1° 8 | | | | | | | | |
| T 19 | 18 18 55 | 4°35'10 | 0♌X11 | 27°42 | 28°44 | 21°32 | 19° 6 | 12°59 | 16°24 | 16° 3 | 26°17 | 24°D37 | 23°22 | 18° 4 | 1° 5 | | | | | | | | |
| W20 | 18 22 51 | 5°32'20 | 14°22 | 29°11 | 29°57 | 22°14 | 19°17 | 13° 7 | 16°27 | 16° 5 | 26°16 | 24°37 | 23°19 | 18°11 | 1° 2 | | | | | | | | |
| T 21 | 18 26 48 | 6°29'31 | 28°35 | 0♌X37 | 1♌X10 | 22°56 | 19°28 | 13°15 | 16°29 | 16° 7 | 26°14 | 24°39 | 23°16 | 18°18 | 0°59 | | | | | | | | |
| F 22 | 18 30 45 | 7°26'41 | 12♌M50 | 2° 1 | 2°23 | 23°38 | 19°39 | 13°22 | 16°32 | 16° 9 | 26°13 | 24°40 | 23°13 | 18°24 | 0°56 | | | | | | | | |
| S 23 | 18 34 41 | 8°23'52 | 27° 3 | 3°23 | 3°36 | 24°20 | 19°50 | 13°30 | 16°34 | 16°11 | 26°11 | 24°R40 | 23°10 | 18°31 | 0°53 | | | | | | | | |
| S 24 | 18 38 38 | 9°21'02 | 11♌X13 | 4°43 | 4°49 | 25° 1 | 20° 1 | 13°38 | 16°36 | 16°12 | 26°10 | 24°39 | 23° 6 | 18°38 | 0°50 | | | | | | | | |
| M25 | 18 42 34 | 10°18'13 | 25°14 | 6° 1 | 6° 1 | 25°43 | 20°13 | 13°46 | 16°39 | 16°14 | 26° 9 | 24°36 | 23° 3 | 18°44 | 0°48 | | | | | | | | |
| T 26 | 18 46 31 | 11°15'24 | 9♌X 4 | 7°16 | 7°14 | 26°25 | 20°24 | 13°54 | 16°41 | 16°16 | 26° 7 | 24°31 | 23° 0 | 18°51 | 0°45 | | | | | | | | |
| W27 | 18 50 27 | 12°12'35 | 22°40 | 8°28 | 8°27 | 27° 6 | 20°35 | 14° 1 | 16°43 | 16°18 | 26° 6 | 24°24 | 22°57 | 18°58 | 0°43 | | | | | | | | |
| T 28 | 18 54 24 | 13° 9'47 | 5♌X57 | 9°38 | 9°39 | 27°48 | 20°47 | 14° 9 | 16°46 | 16°20 | 26° 4 | 24°16 | 22°54 | 19° 4 | 0°40 | | | | | | | | |
| F 29 | 18 58 21 | 14° 6'59 | 18°56 | 10°45 | 10°52 | 28°29 | 20°58 | 14°17 | 16°48 | 16°22 | 26° 3 | 24° 7 | 22°51 | 19°11 | 0°38 | | | | | | | | |
| S 30 | 19 2 17 | 15♌X 4'12 | 1♌X36 | 11♌X50 | 12♌X 5 | 29♌X11 | 21♌X10 | 14♌X25 | 16♌X50 | 16♌X24 | 26♌X 1 | 24♌M 0 | 22♌M47 | 19♌Y18 | 0♌X35 | | | | | | | | |

Delta T = 09m00s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1268

JULY 1268 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--------|--------|-------|---|---|
| S 1 | 19 6 14 | 16°58'40 | 13°38'58 | 12°52'52 | 13°51'17 | 29°52'52 | 21°22'22 | 14°32'32 | 16°52'52 | 16°26'26 | 26°R 0 | 23°R54 | 22°M44 | 19°Y24 | 0°R33 | | |
| M 2 | 19 10 10 | 16°58'40 | 26° 6 | 13°51 | 14°30 | 0°II33 | 21°33 | 14°40 | 16°55 | 16°28 | 25°A59 | 23°M49 | 22°41 | 19°31 | 0°A31 | | |
| T 3 | 19 14 7 | 17°55'55 | 8°Y 3 | 14°47 | 15°42 | 1°15 | 21°45 | 14°48 | 16°57 | 16°30 | 25°57 | 23°47 | 22°38 | 19°38 | 0°29 | | |
| W 4 | 19 18 3 | 18°53'11 | 19°54 | 15°40 | 16°55 | 1°56 | 21°57 | 14°56 | 16°59 | 16°32 | 25°56 | 23°D46 | 22°35 | 19°44 | 0°27 | | |
| T 5 | 19 22 0 | 19°50'28 | 18°44 | 16°29 | 18° 7 | 2°37 | 22° 9 | 15° 4 | 17° 1 | 16°34 | 25°54 | 23°47 | 22°31 | 19°51 | 0°25 | | |
| F 6 | 19 25 56 | 20°47'45 | 13°38 | 17°16 | 19°20 | 3°18 | 22°21 | 15°11 | 17° 3 | 16°36 | 25°53 | 23°48 | 22°28 | 19°58 | 0°23 | | |
| S 7 | 19 29 53 | 21°45'04 | 25°42 | 17°58 | 20°32 | 3°59 | 22°33 | 15°19 | 17° 5 | 16°38 | 25°52 | 23°R48 | 22°25 | 20° 4 | 0°22 | | |
| S 8 | 19 33 49 | 22°42'24 | 8°II 0 | 18°37 | 21°45 | 4°39 | 22°45 | 15°27 | 17° 6 | 16°40 | 25°50 | 23°47 | 22°22 | 20°11 | 0°20 | | |
| M 9 | 19 37 46 | 23°39'45 | 20°35 | 19°12 | 22°57 | 5°20 | 22°57 | 15°35 | 17° 8 | 16°42 | 25°49 | 23°44 | 22°19 | 20°18 | 0°18 | | |
| T 10 | 19 41 43 | 24°37'07 | 3°S31 | 19°44 | 24° 9 | 6° 1 | 23° 9 | 15°42 | 17°10 | 16°44 | 25°48 | 23°38 | 22°16 | 20°24 | 0°17 | | |
| W11 | 19 45 39 | 25°34'29 | 16°47 | 20°11 | 25°22 | 6°41 | 23°21 | 15°50 | 17°12 | 16°46 | 25°46 | 23°31 | 22°12 | 20°31 | 0°16 | | |
| T 12 | 19 49 36 | 26°31'53 | 0°L23 | 20°33 | 26°34 | 7°22 | 23°34 | 15°58 | 17°14 | 16°48 | 25°45 | 23°21 | 22° 9 | 20°38 | 0°14 | | |
| F 13 | 19 53 32 | 27°29'17 | 14°17 | 20°51 | 27°46 | 8° 2 | 23°46 | 16° 5 | 17°15 | 16°50 | 25°44 | 23°11 | 22° 6 | 20°44 | 0°13 | | |
| S 14 | 19 57 29 | 28°26'42 | 28°23 | 21° 4 | 28°59 | 8°43 | 23°58 | 16°13 | 17°17 | 16°53 | 25°43 | 23° 1 | 22° 3 | 20°51 | 0°12 | | |
| S 15 | 20 1 25 | 29°24'08 | 12°M37 | 21°13 | 0°M11 | 9°23 | 24°11 | 16°21 | 17°18 | 16°55 | 25°42 | 22°53 | 22° 0 | 20°58 | 0°11 | | |
| M16 | 20 5 22 | 0°L21'35 | 26°54 | 21°R16 | 1°23 | 10° 3 | 24°23 | 16°28 | 17°20 | 16°57 | 25°40 | 22°47 | 21°57 | 21° 4 | 0°10 | | |
| T 17 | 20 9 18 | 1°19'02 | 11°A11 | 21°14 | 2°35 | 10°43 | 24°35 | 16°36 | 17°21 | 16°59 | 25°39 | 22°43 | 21°53 | 21°11 | 0° 9 | | |
| W18 | 20 13 15 | 2°16'30 | 25°23 | 21° 7 | 3°47 | 11°23 | 24°48 | 16°44 | 17°23 | 17° 1 | 25°38 | 22°41 | 21°50 | 21°18 | 0° 8 | | |
| T 19 | 20 17 12 | 3°13'59 | 9°M30 | 20°54 | 4°59 | 12° 3 | 25° 0 | 16°51 | 17°24 | 17° 3 | 25°37 | 22°D41 | 21°47 | 21°24 | 0° 8 | | |
| F 20 | 20 21 8 | 4°11'28 | 23°31 | 20°36 | 6°11 | 12°43 | 25°13 | 16°59 | 17°26 | 17° 6 | 25°36 | 22°R42 | 21°44 | 21°31 | 0° 7 | | |
| S 21 | 20 25 5 | 5° 8'59 | 7°A24 | 20°13 | 7°23 | 13°23 | 25°25 | 17° 6 | 17°27 | 17° 8 | 25°35 | 22°41 | 21°41 | 21°38 | 0° 7 | | |
| S 22 | 20 29 1 | 6° 6'30 | 21° 9 | 19°45 | 8°35 | 14° 3 | 25°38 | 17°14 | 17°28 | 17°10 | 25°34 | 22°38 | 21°37 | 21°44 | 0° 6 | | |
| M23 | 20 32 58 | 7° 4'03 | 4°B46 | 19°12 | 9°47 | 14°42 | 25°51 | 17°21 | 17°29 | 17°12 | 25°33 | 22°33 | 21°34 | 21°51 | 0° 6 | | |
| T 24 | 20 36 54 | 8° 1'36 | 18°12 | 18°34 | 10°59 | 15°22 | 26° 3 | 17°29 | 17°31 | 17°14 | 25°31 | 22°25 | 21°31 | 21°58 | 0° 6 | | |
| W25 | 20 40 51 | 8°59'11 | 18°27 | 17°53 | 12°11 | 16° 1 | 26°16 | 17°36 | 17°32 | 17°16 | 25°30 | 22°14 | 21°28 | 22° 4 | 0°D 6 | | |
| T 26 | 20 44 48 | 9°56'46 | 14°28 | 17° 8 | 13°23 | 16°40 | 26°29 | 17°44 | 17°33 | 17°19 | 25°29 | 22° 2 | 21°25 | 22°11 | 0° 6 | | |
| F 27 | 20 48 44 | 10°54'23 | 27°14 | 16°20 | 14°35 | 17°20 | 26°42 | 17°51 | 17°34 | 17°21 | 25°29 | 21°49 | 21°22 | 22°18 | 0° 6 | | |
| S 28 | 20 52 41 | 11°52'02 | 9°A45 | 15°30 | 15°46 | 17°59 | 26°54 | 17°59 | 17°35 | 17°23 | 25°28 | 21°38 | 21°18 | 22°24 | 0° 6 | | |
| S 29 | 20 56 37 | 12°49'41 | 22° 1 | 14°39 | 16°58 | 18°38 | 27° 7 | 18° 6 | 17°36 | 17°25 | 25°27 | 21°27 | 21°15 | 22°31 | 0° 7 | | |
| M30 | 21 0 34 | 13°47'22 | 4°Y 6 | 13°48 | 18°10 | 19°17 | 27°20 | 18°13 | 17°37 | 17°28 | 25°26 | 21°20 | 21°12 | 22°38 | 0° 7 | | |
| T 31 | 21 4 30 | 14°45'05 | 16°Y 0 | 12°L58 | 19°M21 | 19°II56 | 27°L33 | 18°E20 | 17°B37 | 17°L30 | 25°A25 | 21°M14 | 21°M 9 | 22°Y44 | 0°A 8 | | |

Delta T = 09m00s Julian Calendar 1 July 1268 == Greg. Calendar 8 July 1268

AUGUST 1268 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ |
|------|----------|-----------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---|---|
| W 1 | 21 8 27 | 15°L42'50 | 27°Y50 | 12°R10 | 20°M33 | 20°II35 | 27°L46 | 18°E28 | 17°B38 | 17°L32 | 25°R24 | 21°R12 | 21°M 6 | 22°Y51 | 0°A 8 | | |
| T 2 | 21 12 23 | 16°40'36 | 9°B38 | 11°L24 | 21°44 | 21°13 | 27°58 | 18°35 | 17°39 | 17°34 | 25°A23 | 21°M11 | 21° 3 | 22°58 | 0° 9 | | |
| F 3 | 21 16 20 | 17°38'24 | 21°32 | 10°43 | 22°56 | 21°52 | 28°11 | 18°42 | 17°40 | 17°36 | 25°22 | 21°10 | 20°59 | 23° 4 | 0°10 | | |
| S 4 | 21 20 16 | 18°36'13 | 3°II36 | 10° 6 | 24° 7 | 22°31 | 28°24 | 18°49 | 17°40 | 17°39 | 25°22 | 21°10 | 20°56 | 23°11 | 0°10 | | |
| S 5 | 21 24 13 | 19°34'05 | 15°55 | 9°35 | 25°18 | 23° 9 | 28°37 | 18°56 | 17°41 | 17°41 | 25°21 | 21° 9 | 20°53 | 23°18 | 0°11 | | |
| M 6 | 21 28 10 | 20°31'58 | 28°34 | 9°10 | 26°30 | 23°48 | 28°50 | 19° 3 | 17°41 | 17°43 | 25°20 | 21° 5 | 20°50 | 23°24 | 0°12 | | |
| T 7 | 21 32 6 | 21°29'53 | 11°E38 | 8°52 | 27°41 | 24°26 | 29° 3 | 19°10 | 17°42 | 17°45 | 25°20 | 20°59 | 20°47 | 23°31 | 0°14 | | |
| W 8 | 21 36 3 | 22°27'50 | 25° 6 | 8°41 | 28°52 | 25° 4 | 29°16 | 19°17 | 17°42 | 17°48 | 25°19 | 20°50 | 20°43 | 23°38 | 0°15 | | |
| T 9 | 21 39 59 | 23°25'48 | 9°L 0 | 8°D39 | 0°A 3 | 25°42 | 29°29 | 19°24 | 17°43 | 17°50 | 25°18 | 20°39 | 20°40 | 23°44 | 0°16 | | |
| F 10 | 21 43 56 | 24°23'49 | 23°15 | 8°44 | 1°15 | 26°20 | 29°42 | 19°31 | 17°43 | 17°52 | 25°18 | 20°27 | 20°37 | 23°51 | 0°18 | | |
| S 11 | 21 47 52 | 25°21'50 | 7°M46 | 8°58 | 2°26 | 26°58 | 29°55 | 19°38 | 17°43 | 17°54 | 25°17 | 20°16 | 20°34 | 23°58 | 0°19 | | |
| S 12 | 21 51 49 | 26°19'54 | 22°26 | 9°19 | 3°37 | 27°36 | 0°M 8 | 19°45 | 17°43 | 17°56 | 25°17 | 20° 6 | 20°31 | 24° 4 | 0°21 | | |
| M13 | 21 55 45 | 27°17'58 | 7°A 8 | 9°49 | 4°48 | 28°14 | 0°21 | 19°52 | 17°44 | 17°59 | 25°16 | 19°59 | 20°28 | 24°11 | 0°23 | | |
| T 14 | 21 59 42 | 28°16'05 | 21°43 | 10°28 | 5°59 | 28°51 | 0°34 | 19°58 | 17°44 | 18° 1 | 25°15 | 19°54 | 20°24 | 24°18 | 0°24 | | |
| W15 | 22 3 39 | 29°14'12 | 6°M 9 | 11°14 | 7°10 | 29°29 | 0°47 | 20° 5 | 17°44 | 18° 3 | 25°15 | 19°52 | 20°21 | 24°24 | 0°26 | | |
| T 16 | 22 7 35 | 0°M12'22 | 20°21 | 12° 7 | 8°20 | 0°E 6 | 1° 0 | 20°12 | 17°R44 | 18° 5 | 25°15 | 19°D51 | 20°18 | 24°31 | 0°28 | | |
| F 17 | 22 11 32 | 1°10'32 | 4°A18 | 13° 8 | 9°31 | 0°43 | 1°13 | 20°18 | 17°44 | 18° 7 | 25°14 | 19°R51 | 20°15 | 24°38 | 0°30 | | |
| S 18 | 22 15 28 | 2° 8'45 | 18° 1 | 14°16 | 10°42 | 1°21 | 1°26 | 20°25 | 17°44 | 18°10 | 25°14 | 19°51 | 20°12 | 24°44 | 0°33 | | |
| S 19 | 22 19 25 | 3° 6'58 | 1°B31 | 15°30 | 11°53 | 1°58 | 1°39 | 20°31 | 17°43 | 18°12 | 25°13 | 19°48 | 20° 9 | 24°51 | 0°35 | | |
| M20 | 22 23 21 | 4° 5'14 | 14°48 | 16°50 | 13° 3 | 2°35 | 1°52 | 20°37 | 17°43 | 18°14 | 25°13 | 19°43 | 20° 5 | 24°58 | 0°37 | | |
| T 21 | 22 27 18 | 5° 3'31 | 27°53 | 18°16 | 14°14 | 3°12 | 2° 5 | 20°44 | 17°43 | 18°16 | 25°13 | 19°35 | 20° 2 | 25° 4 | 0°40 | | |
| W22 | 22 31 14 | 6° 1'49 | 10°A46 | 19°46 | 15°24 | 3°48 | 2°18 | 20°50 | 17°43 | 18°18 | 25°13 | 19°24 | 19°59 | 25°11 | 0°42 | | |
| T 23 | 22 35 11 | 7° 0'09 | 23°27 | 21°21 | 16°35 | 4°25 | 2°31 | 20°56 | 17°42 | 18°20 | 25°12 | 19°12 | 19°56 | 25°18 | 0°45 | | |
| F 24 | 22 39 8 | 7°58'31 | 5°A57 | 22°59 | 17°45 | 5° 2 | 2°44 | 21° 2 | 17°42 | 18°23 | 25°12 | 18°59 | 19°53 | 25°24 | 0°47 | | |
| S 25 | 22 43 4 | 8°56'55 | 18°16 | 24°41 | 18°55 | 5°38 | 2°57 | 21° 9 | 17°42 | 18°25 | 25°12 | 18°48 | 19°49 | 25°31 | 0°50 | | |
| S 26 | 22 47 1 | 9°55'21 | 0°Y23 | 26°25 | 20° 5 | 6°14 | 3°10 | 21°15 | 17°41 | 18°27 | 25°12 | 18°37 | 19°46 | 25°37 | 0°53 | | |
| M27 | 22 50 57 | 10°53'48 | 12°21 | 28°12 | 21°15 | 6°51 | 3°23 | 21°21 | 17°41 | 18°29 | 25°12 | 18°29 | 19°43 | 25°44 | 0°56 | | |
| T 28 | 22 54 54 | 11°52'18 | 24°13 | 0°M 0 | 22°25 | 7°27 | 3°36 | 21°26 | 17°40 | 18°31 | 25°12 | 18°24 | 19°40 | 25°51 | 0°59 | | |
| W29 | 22 58 50 | 12°50'50 | 6°B 0 | 1°50 | 23°35 | 8° 3 | 3°49 | 21°32 | 17°39 | 18°33 | 25°12 | 18°21 | 19°37 | 25°57 | 1° 2 | | |
| T 30 | 23 2 47 | 13°49'24 | 17°47 | 3°40 | 24°45 | 8°39 | 4° 2 | 21°38 | 17°39 | 18°35 | 25°D12 | 18°D20 | 19°34 | 26° 4 | 1° 6 | | |
| F 31 | 23 6 43 | 14°M48'01 | 29°B39 | 5°M32 | 25°A55 | 9°E14 | 4°M15 | 21°E44 | 17°B38 | 18°L37 | 25°A12 | 18°M21 | 19°M30 | 26°Y11 | 1°A 9 | | |

Delta T = 09m00s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]

SWISS EPHEMERIS for the year 1268

SEPTEMBER 1268 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-----------------------|-----------------------|-------------------|--------------------|-------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|---------------------|---------------------|-------------------|---|---|---|---|---|---|---|---|
| S 1 | 23 10 40 | 15 ^h 46'39 | 11 ^h 11'41 | 7 ^h 23 | 27 ^h 5 | 9 ^h 50 | 4 ^h 28 | 21 ^h 59 | 17 ^h R37 | 18 ^h 39 | 25 ^h 12 | 18 ^h R21 | 19 ^h M27 | 26 ^h Y17 | 1 ^h 12 | | | | | | | | |
| S 2 | 23 14 37 | 16°45'20 | 23°59 | 9°15 | 28°14 | 10°26 | 4°41 | 21°55 | 17 ^h 36 | 18°41 | 25°12 | 18 ^h M21 | 19°24 | 26°24 | 1°16 | | | | | | | | |
| M 3 | 23 18 33 | 17°44'03 | 6 ^h 36 | 11° 7 | 29°24 | 11° 1 | 4°54 | 22° 1 | 17°35 | 18°43 | 25°12 | 18°19 | 19°21 | 26°31 | 1°19 | | | | | | | | |
| T 4 | 23 22 30 | 18°42'49 | 19°39 | 12°59 | 0 ^h M34 | 11°36 | 5° 7 | 22° 6 | 17°35 | 18°45 | 25°12 | 18°15 | 19°18 | 26°37 | 1°23 | | | | | | | | |
| W 5 | 23 26 26 | 19°41'36 | 3 ^h 3 | 14°50 | 1°43 | 12°12 | 5°19 | 22°11 | 17°34 | 18°47 | 25°12 | 18° 9 | 19°14 | 26°44 | 1°27 | | | | | | | | |
| T 6 | 23 30 23 | 20°40'26 | 17° 8 | 16°41 | 2°52 | 12°47 | 5°32 | 22°17 | 17°33 | 18°49 | 25°12 | 18° 1 | 19°11 | 26°51 | 1°30 | | | | | | | | |
| F 7 | 23 34 19 | 21°39'18 | 1 ^h 33 | 18°31 | 4° 2 | 13°21 | 5°45 | 22°22 | 17°32 | 18°51 | 25°13 | 17°52 | 19° 8 | 26°57 | 1°34 | | | | | | | | |
| S 8 | 23 38 16 | 22°38'12 | 16°19 | 20°20 | 5°11 | 13°56 | 5°58 | 22°27 | 17°30 | 18°53 | 25°13 | 17°43 | 19° 5 | 27° 4 | 1°38 | | | | | | | | |
| S 9 | 23 42 12 | 23°37'09 | 1 ^h 19 | 22° 9 | 6°20 | 14°31 | 6°11 | 22°32 | 17°29 | 18°55 | 25°13 | 17°36 | 19° 2 | 27°11 | 1°42 | | | | | | | | |
| M10 | 23 46 9 | 24°36'07 | 16°22 | 23°57 | 7°29 | 15° 5 | 6°23 | 22°37 | 17°28 | 18°57 | 25°13 | 17°30 | 18°59 | 27°17 | 1°46 | | | | | | | | |
| T 11 | 23 50 5 | 25°35'07 | 1 ^h M20 | 25°44 | 8°38 | 15°40 | 6°36 | 22°42 | 17°27 | 18°59 | 25°14 | 17°27 | 18°55 | 27°24 | 1°51 | | | | | | | | |
| W12 | 23 54 2 | 26°34'09 | 16° 5 | 27°30 | 9°46 | 16°14 | 6°49 | 22°47 | 17°26 | 19° 1 | 25°14 | 17°D26 | 18°52 | 27°31 | 1°55 | | | | | | | | |
| T 13 | 23 57 59 | 27°33'13 | 0 ^h 32 | 29°16 | 10°55 | 16°48 | 7° 1 | 22°52 | 17°24 | 19° 2 | 25°15 | 17°26 | 18°49 | 27°37 | 1°59 | | | | | | | | |
| F 14 | 0 1 55 | 28°32'19 | 1 ^h 3 | 12° 4 | 12° 4 | 17°22 | 7°14 | 22°56 | 17°23 | 19° 4 | 25°15 | 17°27 | 18°46 | 27°44 | 2° 4 | | | | | | | | |
| S 15 | 0 5 52 | 29°31'26 | 28°23 | 2°44 | 13°12 | 17°56 | 7°26 | 23° 1 | 17°21 | 19° 6 | 25°16 | 17°R28 | 18°43 | 27°51 | 2° 8 | | | | | | | | |
| S 16 | 0 9 48 | 0 ^h 30'36 | 11 ^h 347 | 4°27 | 14°21 | 18°29 | 7°39 | 23° 5 | 17°20 | 19° 8 | 25°16 | 17°27 | 18°40 | 27°57 | 2°13 | | | | | | | | |
| M17 | 0 13 45 | 1°29'47 | 24°54 | 6° 9 | 15°29 | 19° 3 | 7°51 | 23°10 | 17°18 | 19°10 | 25°17 | 17°25 | 18°36 | 28° 4 | 2°17 | | | | | | | | |
| T 18 | 0 17 41 | 2°29'00 | 7 ^h 44 | 7°50 | 16°37 | 19°36 | 8° 4 | 23°14 | 17°17 | 19°11 | 25°17 | 17°20 | 18°33 | 28°11 | 2°22 | | | | | | | | |
| W19 | 0 21 38 | 3°28'14 | 20°21 | 9°31 | 17°45 | 20° 9 | 8°16 | 23°18 | 17°15 | 19°13 | 25°18 | 17°14 | 18°30 | 28°17 | 2°27 | | | | | | | | |
| T 20 | 0 25 34 | 4°27'31 | 2 ^h 46 | 11°11 | 18°53 | 20°42 | 8°28 | 23°22 | 17°14 | 19°15 | 25°18 | 17° 7 | 18°27 | 28°24 | 2°31 | | | | | | | | |
| F 21 | 0 29 31 | 5°26'49 | 15° 1 | 12°49 | 20° 1 | 21°15 | 8°41 | 23°26 | 17°12 | 19°16 | 25°19 | 16°59 | 18°24 | 28°31 | 2°36 | | | | | | | | |
| S 22 | 0 33 28 | 6°26'10 | 27° 6 | 14°28 | 21° 8 | 21°48 | 8°53 | 23°30 | 17°10 | 19°18 | 25°20 | 16°51 | 18°20 | 28°37 | 2°41 | | | | | | | | |
| S 23 | 0 37 24 | 7°25'32 | 9 ^h Y 5 | 16° 5 | 22°16 | 22°20 | 9° 5 | 23°34 | 17° 9 | 19°20 | 25°21 | 16°45 | 18°17 | 28°44 | 2°46 | | | | | | | | |
| M24 | 0 41 21 | 8°24'57 | 20°57 | 17°42 | 23°23 | 22°53 | 9°17 | 23°38 | 17° 7 | 19°21 | 25°21 | 16°40 | 18°14 | 28°50 | 2°51 | | | | | | | | |
| T 25 | 0 45 17 | 9°24'23 | 2 ^h 45 | 19°18 | 24°30 | 23°25 | 9°29 | 23°42 | 17° 5 | 19°23 | 25°22 | 16°37 | 18°11 | 28°57 | 2°57 | | | | | | | | |
| W26 | 0 49 14 | 10°23'52 | 14°32 | 20°53 | 25°37 | 23°57 | 9°41 | 23°45 | 17° 3 | 19°24 | 25°23 | 16°D36 | 18° 8 | 29° 4 | 3° 2 | | | | | | | | |
| T 27 | 0 53 10 | 11°23'23 | 26°21 | 22°28 | 26°44 | 24°29 | 9°54 | 23°49 | 17° 1 | 19°26 | 25°24 | 16°36 | 18° 5 | 29°10 | 3° 7 | | | | | | | | |
| F 28 | 0 57 7 | 12°22'57 | 8 ^h 14 | 24° 2 | 27°51 | 25° 1 | 10° 5 | 23°52 | 16°59 | 19°27 | 25°25 | 16°38 | 18° 1 | 29°17 | 3°12 | | | | | | | | |
| S 29 | 1 1 3 | 13°22'32 | 20°16 | 25°35 | 28°57 | 25°32 | 10°17 | 23°56 | 16°57 | 19°29 | 25°26 | 16°39 | 17°58 | 29°24 | 3°18 | | | | | | | | |
| S 30 | 1 5 0 | 14 ^h 22'10 | 2 ^h 32 | 27 ^h 8 | 0 ^h 4 | 26 ^h 4 | 10 ^h 29 | 23 ^h 59 | 16 ^h 56 | 19 ^h 30 | 25 ^h 27 | 16 ^h M41 | 17 ^h M55 | 29 ^h Y30 | 3 ^h 23 | | | | | | | | |

Delta T = 09m00s Julian Calendar 1 Sept. 1268 == Greg. Calendar 8 Sept. 1268

OCTOBER 1268 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|-----------------------|--------------------|--------------------|-------------------|--------------------|--------------------|-------------------|---------------------|--------------------|--------------------|---------------------|---------------------|---------------------|-------------------|---|---|---|---|---|---|---|---|
| M 1 | 1 8 57 | 15 ^h 21'51 | 15 ^h 7 | 28 ^h 40 | 1 ^h 10 | 26 ^h 35 | 10 ^h 41 | 24 ^h 2 | 16 ^h R54 | 19 ^h 32 | 25 ^h 27 | 16 ^h R41 | 17 ^h M52 | 29 ^h Y37 | 3 ^h 29 | | | | | | | | |
| T 2 | 1 12 53 | 16°21'33 | 28° 4 | 0 ^h M11 | 2°16 | 27° 6 | 10°53 | 24° 5 | 16 ^h 51 | 19°33 | 25°28 | 16 ^h M41 | 17°49 | 29°44 | 3°34 | | | | | | | | |
| W 3 | 1 16 50 | 17°21'18 | 11 ^h 28 | 1°42 | 3°22 | 27°36 | 11° 4 | 24° 8 | 16°49 | 19°35 | 25°29 | 16°39 | 17°45 | 29°50 | 3°40 | | | | | | | | |
| T 4 | 1 20 46 | 18°21'05 | 25°20 | 3°13 | 4°28 | 28° 7 | 11°16 | 24°11 | 16°47 | 19°36 | 25°31 | 16°36 | 17°42 | 29°57 | 3°45 | | | | | | | | |
| F 5 | 1 24 43 | 19°20'54 | 9 ^h 40 | 4°42 | 5°33 | 28°37 | 11°28 | 24°13 | 16°45 | 19°37 | 25°32 | 16°32 | 17°39 | 0 ^h 4 | 3°51 | | | | | | | | |
| S 6 | 1 28 39 | 20°20'46 | 24°25 | 6°11 | 6°38 | 29° 8 | 11°39 | 24°16 | 16°43 | 19°39 | 25°33 | 16°28 | 17°36 | 0°10 | 3°57 | | | | | | | | |
| S 7 | 1 32 36 | 21°20'40 | 9 ^h 28 | 7°40 | 7°43 | 29°38 | 11°51 | 24°18 | 16°41 | 19°40 | 25°34 | 16°25 | 17°33 | 0°17 | 4° 3 | | | | | | | | |
| M 8 | 1 36 32 | 22°20'35 | 24°41 | 9° 8 | 8°48 | 0 ^h 7 | 12° 2 | 24°21 | 16°39 | 19°41 | 25°35 | 16°22 | 17°30 | 0°24 | 4° 9 | | | | | | | | |
| T 9 | 1 40 29 | 23°20'33 | 9 ^h M53 | 10°35 | 9°53 | 0°37 | 12°13 | 24°23 | 16°36 | 19°42 | 25°36 | 16°D21 | 17°26 | 0°30 | 4°15 | | | | | | | | |
| W10 | 1 44 26 | 24°20'33 | 24°56 | 12° 1 | 10°57 | 1° 6 | 12°24 | 24°25 | 16°34 | 19°44 | 25°37 | 16°21 | 17°23 | 0°37 | 4°20 | | | | | | | | |
| T 11 | 1 48 22 | 25°20'34 | 9 ^h 40 | 13°27 | 12° 2 | 1°35 | 12°36 | 24°27 | 16°32 | 19°45 | 25°39 | 16°22 | 17°20 | 0°44 | 4°26 | | | | | | | | |
| F 12 | 1 52 19 | 26°20'37 | 24° 2 | 14°53 | 13° 6 | 2° 4 | 12°47 | 24°29 | 16°30 | 19°46 | 25°40 | 16°24 | 17°17 | 0°50 | 4°33 | | | | | | | | |
| S 13 | 1 56 15 | 27°20'42 | 7 ^h 58 | 16°17 | 14° 9 | 2°33 | 12°58 | 24°31 | 16°27 | 19°47 | 25°41 | 16°25 | 17°14 | 0°57 | 4°39 | | | | | | | | |
| S 14 | 2 0 12 | 28°20'48 | 21°28 | 17°41 | 15°13 | 3° 1 | 13° 9 | 24°33 | 16°25 | 19°48 | 25°43 | 16°26 | 17°11 | 1° 3 | 4°45 | | | | | | | | |
| M15 | 2 4 8 | 29°20'56 | 4 ^h 35 | 19° 3 | 16°16 | 3°29 | 13°19 | 24°35 | 16°23 | 19°49 | 25°44 | 16°R26 | 17° 7 | 1°10 | 4°51 | | | | | | | | |
| T 16 | 2 8 5 | 0 ^h M21'06 | 17°21 | 20°25 | 17°19 | 3°57 | 13°30 | 24°36 | 16°20 | 19°50 | 25°45 | 16°25 | 17° 4 | 1°17 | 4°57 | | | | | | | | |
| W17 | 2 12 1 | 1°21'16 | 29°49 | 21°46 | 18°22 | 4°25 | 13°41 | 24°38 | 16°18 | 19°51 | 25°47 | 16°24 | 17° 1 | 1°23 | 5° 3 | | | | | | | | |
| T 18 | 2 15 58 | 2°21'29 | 12 ^h 3 | 23° 6 | 19°24 | 4°52 | 13°51 | 24°39 | 16°15 | 19°52 | 25°48 | 16°22 | 16°58 | 1°30 | 5°10 | | | | | | | | |
| F 19 | 2 19 55 | 3°21'43 | 24° 7 | 24°25 | 20°26 | 5°19 | 14° 2 | 24°40 | 16°13 | 19°53 | 25°50 | 16°20 | 16°55 | 1°37 | 5°16 | | | | | | | | |
| S 20 | 2 23 51 | 4°21'59 | 6 ^h Y 3 | 25°42 | 21°28 | 5°46 | 14°12 | 24°41 | 16°11 | 19°54 | 25°51 | 16°18 | 16°51 | 1°43 | 5°23 | | | | | | | | |
| S 21 | 2 27 48 | 5°22'16 | 17°55 | 26°58 | 22°29 | 6°13 | 14°23 | 24°42 | 16° 8 | 19°55 | 25°53 | 16°16 | 16°48 | 1°50 | 5°29 | | | | | | | | |
| M22 | 2 31 44 | 6°22'35 | 29°43 | 28°13 | 23°30 | 6°39 | 14°33 | 24°43 | 16° 6 | 19°55 | 25°54 | 16°15 | 16°45 | 1°57 | 5°35 | | | | | | | | |
| T 23 | 2 35 41 | 7°22'56 | 11 ^h 31 | 29°25 | 24°30 | 7° 5 | 14°43 | 24°44 | 16° 3 | 19°56 | 25°56 | 16°D15 | 16°42 | 2° 3 | 5°42 | | | | | | | | |
| W24 | 2 39 37 | 8°23'18 | 23°21 | 0 ^h 36 | 25°31 | 7°31 | 14°53 | 24°44 | 16° 1 | 19°57 | 25°57 | 16°15 | 16°39 | 2°10 | 5°48 | | | | | | | | |
| T 25 | 2 43 34 | 9°23'43 | 5 ^h 15 | 1°44 | 26°30 | 7°56 | 15° 3 | 24°45 | 15°58 | 19°58 | 25°59 | 16°15 | 16°36 | 2°17 | 5°55 | | | | | | | | |
| F 26 | 2 47 30 | 10°24'09 | 17°15 | 2°50 | 27°30 | 8°22 | 15°13 | 24°45 | 15°56 | 19°58 | 26° 0 | 16°16 | 16°32 | 2°23 | 6° 2 | | | | | | | | |
| S 27 | 2 51 27 | 11°24'37 | 29°23 | 3°53 | 28°29 | 8°46 | 15°22 | 24°46 | 15°53 | 19°59 | 26° 2 | 16°16 | 16°29 | 2°30 | 6° 8 | | | | | | | | |

SWISS EPHEMERIS for the year 1268

NOVEMBER 1268 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|----------|-------|--------|-------|-------|-------|--------|--------|--------|-------|--------|-------|------|-------|---|---|---|---|---|---|---|---|
| T 1 | 3 11 10 | 16m27'23 | 4m12 | 8♁12 | 3♂17 | 10♂46 | 16m10 | 24°R46 | 15°R41 | 20♂ 2 | 26♁10 | 16m17 | 16m13 | 3♂ 3 | 6♁42 | | | | | | | | |
| F 2 | 3 15 6 | 17°28'02 | 18°18 | 8°49 | 4°13 | 11° 9 | 16°19 | 24♁45 | 15♂38 | 20° 2 | 26°12 | 16°17 | 16°10 | 3°10 | 6°48 | | | | | | | | |
| S 3 | 3 19 3 | 18°28'42 | 2♁47 | 9°19 | 5° 9 | 11°32 | 16°28 | 24°45 | 15°36 | 20° 3 | 26°14 | 16°17 | 16° 7 | 3°16 | 6°55 | | | | | | | | |
| S 4 | 3 22 59 | 19°29'25 | 17°37 | 9°42 | 6° 4 | 11°54 | 16°37 | 24°44 | 15°33 | 20° 3 | 26°16 | 16°18 | 16° 4 | 3°23 | 7° 2 | | | | | | | | |
| M 5 | 3 26 56 | 20°30'08 | 2m41 | 9°57 | 6°58 | 12°16 | 16°45 | 24°43 | 15°31 | 20° 3 | 26°18 | 16°18 | 16° 1 | 3°30 | 7° 9 | | | | | | | | |
| T 6 | 3 30 52 | 21°30'54 | 17°50 | 10°R 3 | 7°52 | 12°37 | 16°54 | 24°43 | 15°28 | 20° 4 | 26°19 | 16°R18 | 15°57 | 3°36 | 7°16 | | | | | | | | |
| W 7 | 3 34 49 | 22°31'40 | 2♁57 | 10° 0 | 8°45 | 12°58 | 17° 3 | 24°42 | 15°26 | 20° 4 | 26°21 | 16°18 | 15°54 | 3°43 | 7°23 | | | | | | | | |
| T 8 | 3 38 46 | 23°32'28 | 17°51 | 9°46 | 9°38 | 13°19 | 17°11 | 24°41 | 15°23 | 20° 4 | 26°23 | 16°17 | 15°51 | 3°50 | 7°30 | | | | | | | | |
| F 9 | 3 42 42 | 24°33'18 | 2♂25 | 9°22 | 10°30 | 13°39 | 17°19 | 24°39 | 15°21 | 20° 4 | 26°25 | 16°16 | 15°48 | 3°56 | 7°36 | | | | | | | | |
| S 10 | 3 46 39 | 25°34'08 | 16°33 | 8°46 | 11°21 | 13°59 | 17°28 | 24°38 | 15°18 | 20° 5 | 26°27 | 16°15 | 15°45 | 4° 3 | 7°43 | | | | | | | | |
| S 11 | 3 50 35 | 26°34'59 | 0♁14 | 8° 0 | 12°11 | 14°18 | 17°36 | 24°37 | 15°16 | 20° 5 | 26°29 | 16°14 | 15°42 | 4°10 | 7°50 | | | | | | | | |
| M12 | 3 54 32 | 27°35'51 | 13°29 | 7° 3 | 13° 1 | 14°37 | 17°43 | 24°35 | 15°13 | 20° 5 | 26°31 | 16°13 | 15°38 | 4°16 | 7°57 | | | | | | | | |
| T 13 | 3 58 28 | 28°36'44 | 26°18 | 5°57 | 13°49 | 14°56 | 17°51 | 24°34 | 15°11 | 20° 5 | 26°33 | 16°D13 | 15°35 | 4°23 | 8° 4 | | | | | | | | |
| W14 | 4 2 25 | 29°37'38 | 8♁46 | 4°44 | 14°37 | 15°14 | 17°59 | 24°32 | 15° 8 | 20° 5 | 26°35 | 16°13 | 15°32 | 4°30 | 8°11 | | | | | | | | |
| T 15 | 4 6 21 | 0♁38'32 | 20°57 | 3°25 | 15°24 | 15°32 | 18° 6 | 24°30 | 15° 6 | 20°R 5 | 26°37 | 16°14 | 15°29 | 4°36 | 8°18 | | | | | | | | |
| F 16 | 4 10 18 | 1°39'27 | 2♀56 | 2° 2 | 16°10 | 15°49 | 18°14 | 24°28 | 15° 4 | 20° 5 | 26°38 | 16°15 | 15°26 | 4°43 | 8°25 | | | | | | | | |
| S 17 | 4 14 15 | 2°40'24 | 14°47 | 0°40 | 16°55 | 16° 6 | 18°21 | 24°26 | 15° 1 | 20° 5 | 26°40 | 16°17 | 15°22 | 4°50 | 8°32 | | | | | | | | |
| S 18 | 4 18 11 | 3°41'21 | 26°35 | 29m19 | 17°39 | 16°22 | 18°28 | 24°24 | 14°59 | 20° 5 | 26°42 | 16°18 | 15°19 | 4°56 | 8°39 | | | | | | | | |
| M19 | 4 22 8 | 4°42'18 | 8♂23 | 28° 4 | 18°22 | 16°38 | 18°35 | 24°22 | 14°57 | 20° 5 | 26°44 | 16°19 | 15°16 | 5° 3 | 8°46 | | | | | | | | |
| T 20 | 4 26 4 | 5°43'17 | 20°13 | 26°56 | 19° 4 | 16°53 | 18°42 | 24°20 | 14°54 | 20° 4 | 26°46 | 16°R19 | 15°13 | 5° 9 | 8°53 | | | | | | | | |
| W21 | 4 30 1 | 6°44'17 | 2II 9 | 25°58 | 19°45 | 17° 8 | 18°49 | 24°17 | 14°52 | 20° 4 | 26°49 | 16°18 | 15°10 | 5°16 | 9° 0 | | | | | | | | |
| T 22 | 4 33 57 | 7°45'17 | 14°13 | 25°10 | 20°25 | 17°22 | 18°55 | 24°15 | 14°50 | 20° 4 | 26°51 | 16°16 | 15° 7 | 5°23 | 9° 7 | | | | | | | | |
| F 23 | 4 37 54 | 8°46'18 | 26°25 | 24°32 | 21° 3 | 17°36 | 19° 1 | 24°12 | 14°48 | 20° 4 | 26°53 | 16°13 | 15° 3 | 5°29 | 9°14 | | | | | | | | |
| S 24 | 4 41 50 | 9°47'21 | 8♁48 | 24° 6 | 21°40 | 17°49 | 19° 8 | 24° 9 | 14°45 | 20° 3 | 26°55 | 16° 9 | 15° 0 | 5°36 | 9°21 | | | | | | | | |
| S 25 | 4 45 47 | 10°48'24 | 21°23 | 23°52 | 22°16 | 18° 1 | 19°14 | 24° 6 | 14°43 | 20° 3 | 26°57 | 16° 5 | 14°57 | 5°43 | 9°28 | | | | | | | | |
| M26 | 4 49 44 | 11°49'28 | 4♂10 | 23°D48 | 22°50 | 18°13 | 19°20 | 24° 4 | 14°41 | 20° 3 | 26°59 | 16° 1 | 14°54 | 5°49 | 9°35 | | | | | | | | |
| T 27 | 4 53 40 | 12°50'32 | 17°12 | 23°53 | 23°23 | 18°25 | 19°25 | 24° 1 | 14°39 | 20° 2 | 27° 1 | 15°58 | 14°51 | 5°56 | 9°42 | | | | | | | | |
| W28 | 4 57 37 | 13°51'38 | 0♂30 | 24° 8 | 23°54 | 18°36 | 19°31 | 23°57 | 14°37 | 20° 2 | 27° 3 | 15°56 | 14°48 | 6° 3 | 9°49 | | | | | | | | |
| T 29 | 5 1 33 | 14°52'45 | 14° 4 | 24°32 | 24°24 | 18°46 | 19°37 | 23°54 | 14°35 | 20° 1 | 27° 5 | 15°D55 | 14°44 | 6° 9 | 9°56 | | | | | | | | |
| F 30 | 5 5 30 | 15♁53'52 | 27m57 | 25m 3 | 24♂52 | 18♂55 | 19m42 | 23♁51 | 14♂33 | 20♂ 1 | 27♁ 7 | 15m56 | 14m41 | 6♂16 | 10♁ 3 | | | | | | | | |

Delta T = 08m59s

Julian Calendar 1 Nov. 1268 == Greg. Calendar 8 Nov. 1268

DECEMBER 1268 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|----------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|-------|------|-------|---|---|---|---|---|---|---|---|
| S 1 | 5 9 26 | 16♁55'00 | 12♁ 7 | 25m41 | 25♂19 | 19♂ 4 | 19m47 | 23°R48 | 14°R31 | 20°R 0 | 27♁ 9 | 15m57 | 14m38 | 6♂23 | 10♁10 | | | | | | | | |
| S 2 | 5 13 23 | 17°56'10 | 26°34 | 26°25 | 25°43 | 19°13 | 19°52 | 23♁44 | 14♂29 | 20♂ 0 | 27°11 | 15°59 | 14°35 | 6°29 | 10°17 | | | | | | | | |
| M 3 | 5 17 19 | 18°57'20 | 11m15 | 27°14 | 26° 6 | 19°20 | 19°57 | 23°41 | 14°27 | 19°59 | 27°14 | 16°R 0 | 14°32 | 6°36 | 10°24 | | | | | | | | |
| T 4 | 5 21 16 | 19°58'30 | 26° 5 | 28° 8 | 26°27 | 19°28 | 20° 1 | 23°37 | 14°25 | 19°58 | 27°16 | 15°59 | 14°28 | 6°43 | 10°31 | | | | | | | | |
| W 5 | 5 25 13 | 20°59'41 | 10♁57 | 29° 7 | 26°46 | 19°34 | 20° 6 | 23°33 | 14°23 | 19°58 | 27°18 | 15°57 | 14°25 | 6°49 | 10°38 | | | | | | | | |
| T 6 | 5 29 9 | 22° 0'53 | 25°43 | 0♁ 9 | 27° 3 | 19°40 | 20°10 | 23°30 | 14°21 | 19°57 | 27°20 | 15°53 | 14°22 | 6°56 | 10°45 | | | | | | | | |
| F 7 | 5 33 6 | 23° 2'05 | 10♂15 | 1°14 | 27°18 | 19°44 | 20°14 | 23°26 | 14°19 | 19°56 | 27°22 | 15°48 | 14°19 | 7° 3 | 10°52 | | | | | | | | |
| S 8 | 5 37 2 | 24° 3'17 | 24°27 | 2°22 | 27°31 | 19°49 | 20°18 | 23°22 | 14°17 | 19°56 | 27°24 | 15°42 | 14°16 | 7° 9 | 10°58 | | | | | | | | |
| S 9 | 5 40 59 | 25° 4'29 | 8♁15 | 3°33 | 27°42 | 19°52 | 20°22 | 23°18 | 14°16 | 19°55 | 27°26 | 15°35 | 14°13 | 7°16 | 11° 5 | | | | | | | | |
| M10 | 5 44 55 | 26° 5'41 | 21°36 | 4°45 | 27°50 | 19°55 | 20°25 | 23°14 | 14°14 | 19°54 | 27°29 | 15°29 | 14° 9 | 7°22 | 11°12 | | | | | | | | |
| T 11 | 5 48 52 | 27° 6'53 | 4♁31 | 6° 0 | 27°56 | 19°57 | 20°29 | 23°10 | 14°12 | 19°53 | 27°31 | 15°25 | 14° 6 | 7°29 | 11°19 | | | | | | | | |
| W12 | 5 52 49 | 28° 8'05 | 17° 3 | 7°17 | 28° 0 | 19°58 | 20°32 | 23° 5 | 14°11 | 19°52 | 27°33 | 15°22 | 14° 3 | 7°36 | 11°26 | | | | | | | | |
| T 13 | 5 56 45 | 29° 9'16 | 29°16 | 8°35 | 28°R 1 | 19°R59 | 20°35 | 23° 1 | 14° 9 | 19°51 | 27°35 | 15°D22 | 14° 0 | 7°42 | 11°32 | | | | | | | | |
| F 14 | 6 0 42 | 0♂10'28 | 11♀15 | 9°54 | 28° 0 | 19°59 | 20°38 | 22°57 | 14° 8 | 19°50 | 27°37 | 15°22 | 13°57 | 7°49 | 11°39 | | | | | | | | |
| S 15 | 6 4 38 | 1°11'39 | 23° 5 | 11°15 | 27°56 | 19°58 | 20°41 | 22°53 | 14° 6 | 19°50 | 27°39 | 15°24 | 13°54 | 7°56 | 11°46 | | | | | | | | |
| S 16 | 6 8 35 | 2°12'50 | 4♂52 | 12°37 | 27°50 | 19°56 | 20°43 | 22°48 | 14° 5 | 19°49 | 27°41 | 15°25 | 13°50 | 8° 2 | 11°53 | | | | | | | | |
| M17 | 6 12 31 | 3°14'00 | 16°41 | 14° 0 | 27°41 | 19°53 | 20°46 | 22°44 | 14° 3 | 19°48 | 27°44 | 15°R26 | 13°47 | 8° 9 | 11°59 | | | | | | | | |
| T 18 | 6 16 28 | 4°15'10 | 28°34 | 15°24 | 27°30 | 19°50 | 20°48 | 22°39 | 14° 2 | 19°46 | 27°46 | 15°25 | 13°44 | 8°16 | 12° 6 | | | | | | | | |
| W19 | 6 20 24 | 5°16'20 | 10II37 | 16°48 | 27°16 | 19°46 | 20°50 | 22°35 | 14° 1 | 19°45 | 27°48 | 15°21 | 13°41 | 8°22 | 12°13 | | | | | | | | |
| T 20 | 6 24 21 | 6°17'30 | 22°52 | 18°14 | 27° 0 | 19°41 | 20°51 | 22°30 | 13°59 | 19°44 | 27°50 | 15°16 | 13°38 | 8°29 | 12°19 | | | | | | | | |
| F 21 | 6 28 18 | 7°18'40 | 5♁20 | 19°40 | 26°41 | 19°35 | 20°53 | 22°25 | 13°58 | 19°43 | 27°52 | 15° 8 | 13°34 | 8°36 | 12°26 | | | | | | | | |
| S 22 | 6 32 14 | 8°19'49 | 18° 3 | 21° 7 | 26°20 | 19°29 | 20°54 | 22°21 | 13°57 | 19°42 | 27°54 | 14°58 | 13°31 | 8°42 | 12°32 | | | | | | | | |
| S 23 | 6 36 11 | 9°20'58 | 0♂59 | 22°34 | 25°56 | 19°21 | 20°56 | 22°16 | 13°56 | 19°41 | 27°56 | 14°48 | 13°28 | 8°49 | 12°39 | | | | | | | | |
| M24 | 6 40 7 | 10°22'06 | 14° 7 | 24° 3 | 25°31 | 19°13 | 20°57 | 22°11 | 13°55 | 19°40 | 27°58 | 14°38 | 13°25 | 8°55 | 12°45 | | | | | | | | |
| T 25 | 6 44 4 | 11°23'15 | 27°28 | 25°31 | 25° 3 | 19° 4 | 20°57 | 22° 6 | 13°54 | 19°38 | 28° 0 | 14°29 | 13°22 | 9° 2 | 12°51 | | | | | | | | |
| W26 | 6 48 0 | 12°24'23 | 10m59 | 27° 1 | 24°34 | 18°54 | 20°58 | 22° 2 | 13°53 | 19°37 | 28° 3 | 14°23 | 13°19 | 9° 9 | 12°58 | | | | | | | | |
| T 27 | 6 51 57 | 13°25'31 | 24°41 | 28°31 | 24° 3 | 18°44 | 20°59 | 21°57 | 13°52 | 19°36 | 28° 5 | 14°19 | 13°15 | 9°15 | 13° 4 | | | | | | | | |
| F 28 | 6 55 53 | 14°26'38 | 8♁32 | 0♂ 1 | 23°30 | 18°32 | 20°59 | 21°52 | 13°51 | 19°35 | 28° 7 | 14°D17 | 13°12 | 9°22 | 13°10 | | | | | | | | |
| S 29 | 6 59 50 | 15°27'46 | 22°32 | 1°32 | 22°56 | 18°20 | 20°R59 | 21° | | | | | | | | | | | | | | | |