

SWISS EPHEMERIS for the year 2143
heliocentric

JANUARY 2143

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|---------|----------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| T 1 | 6 41 21 | 10♄ 9'41 | 10♄ 8 | 28♄58 | 12♃ 5 | 13♃10 | 29♄40 | 23♃56 | 1♄20 | 18♃44 | 14♄19 | 14♄38 |
| W 2 | 6 45 17 | 11°10'48 | 11°11 | 3♄ 0 | 13°40 | 13°47 | 29°46 | 23°58 | 1°21 | 18°44 | 14°19 | 14°41 |
| T 3 | 6 49 14 | 12°11'56 | 12°15 | 6°54 | 15°15 | 14°24 | 29°51 | 24° 0 | 1°22 | 18°44 | 14°19 | 14°43 |
| F 4 | 6 53 10 | 13°13'03 | 13°18 | 10°42 | 16°50 | 15° 0 | 29°57 | 24° 2 | 1°23 | 18°45 | 14°19 | 14°45 |
| S 5 | 6 57 7 | 14°14'11 | 14°20 | 14°24 | 18°25 | 15°37 | 0♄ 2 | 24° 4 | 1°23 | 18°45 | 14°20 | 14°47 |
| S 6 | 7 1 3 | 15°15'19 | 15°23 | 18° 0 | 20° 1 | 16°14 | 0° 7 | 24° 6 | 1°24 | 18°45 | 14°20 | 14°49 |
| M 7 | 7 5 0 | 16°16'27 | 16°25 | 21°30 | 21°36 | 16°51 | 0°13 | 24° 8 | 1°25 | 18°46 | 14°20 | 14°52 |
| T 8 | 7 8 57 | 17°17'36 | 17°26 | 24°55 | 23°11 | 17°27 | 0°18 | 24°10 | 1°26 | 18°46 | 14°20 | 14°54 |
| W 9 | 7 12 53 | 18°18'45 | 18°28 | 28°16 | 24°47 | 18° 4 | 0°23 | 24°12 | 1°26 | 18°47 | 14°20 | 14°56 |
| T 10 | 7 16 50 | 19°19'54 | 19°28 | 1♄32 | 26°22 | 18°41 | 0°29 | 24°14 | 1°27 | 18°47 | 14°20 | 14°58 |
| F 11 | 7 20 46 | 20°21'03 | 20°29 | 4°44 | 27°57 | 19°17 | 0°34 | 24°16 | 1°28 | 18°47 | 14°21 | 15° 0 |
| S 12 | 7 24 43 | 21°22'12 | 21°29 | 7°52 | 29°33 | 19°54 | 0°39 | 24°18 | 1°29 | 18°48 | 14°21 | 15° 3 |
| S 13 | 7 28 39 | 22°23'22 | 22°29 | 10°57 | 1♃ 8 | 20°30 | 0°45 | 24°20 | 1°30 | 18°48 | 14°21 | 15° 5 |
| M14 | 7 32 36 | 23°24'31 | 23°28 | 13°59 | 2°44 | 21° 7 | 0°50 | 24°22 | 1°30 | 18°48 | 14°21 | 15° 7 |
| T 15 | 7 36 32 | 24°25'40 | 24°28 | 16°58 | 4°19 | 21°43 | 0°55 | 24°24 | 1°31 | 18°49 | 14°21 | 15° 9 |
| W16 | 7 40 29 | 25°26'49 | 25°27 | 19°55 | 5°54 | 22°19 | 1° 1 | 24°26 | 1°32 | 18°49 | 14°21 | 15°12 |
| T 17 | 7 44 26 | 26°27'57 | 26°26 | 22°49 | 7°30 | 22°56 | 1° 6 | 24°28 | 1°33 | 18°49 | 14°22 | 15°14 |
| F 18 | 7 48 22 | 27°29'05 | 27°26 | 25°42 | 9° 6 | 23°32 | 1°12 | 24°30 | 1°33 | 18°50 | 14°22 | 15°16 |
| S 19 | 7 52 19 | 28°30'12 | 28°25 | 28°32 | 10°41 | 24° 8 | 1°17 | 24°32 | 1°34 | 18°50 | 14°22 | 15°18 |
| S 20 | 7 56 15 | 29°31'18 | 29°25 | 1♃22 | 12°17 | 24°44 | 1°22 | 24°34 | 1°35 | 18°50 | 14°22 | 15°20 |
| M21 | 8 0 12 | 0♄32'24 | 0♄25 | 4° 9 | 13°52 | 25°20 | 1°28 | 24°36 | 1°36 | 18°51 | 14°22 | 15°23 |
| T 22 | 8 4 8 | 1°33'29 | 1°25 | 6°56 | 15°28 | 25°56 | 1°33 | 24°38 | 1°36 | 18°51 | 14°22 | 15°25 |
| W23 | 8 8 5 | 2°34'34 | 2°26 | 9°42 | 17° 3 | 26°32 | 1°38 | 24°40 | 1°37 | 18°52 | 14°23 | 15°27 |
| T 24 | 8 12 1 | 3°35'37 | 3°26 | 12°28 | 18°39 | 27° 8 | 1°44 | 24°42 | 1°38 | 18°52 | 14°23 | 15°29 |
| F 25 | 8 15 58 | 4°36'40 | 4°28 | 15°12 | 20°15 | 27°44 | 1°49 | 24°44 | 1°39 | 18°52 | 14°23 | 15°32 |
| S 26 | 8 19 55 | 5°37'41 | 5°29 | 17°57 | 21°51 | 28°20 | 1°54 | 24°46 | 1°39 | 18°53 | 14°23 | 15°34 |
| S 27 | 8 23 51 | 6°38'42 | 6°31 | 20°42 | 23°26 | 28°56 | 2° 0 | 24°48 | 1°40 | 18°53 | 14°23 | 15°36 |
| M28 | 8 27 48 | 7°39'41 | 7°34 | 23°27 | 25° 2 | 29°32 | 2° 5 | 24°50 | 1°41 | 18°53 | 14°23 | 15°38 |
| T 29 | 8 31 44 | 8°40'40 | 8°36 | 26°12 | 26°38 | 0♃ 7 | 2°10 | 24°52 | 1°42 | 18°54 | 14°24 | 15°40 |
| W30 | 8 35 41 | 9°41'37 | 9°39 | 28°58 | 28°14 | 0°43 | 2°16 | 24°54 | 1°42 | 18°54 | 14°24 | 15°43 |
| T 31 | 8 39 37 | 10♄42'34 | 10♄42 | 1♃44 | 29♃50 | 1♃19 | 2♄21 | 24♃56 | 1♄43 | 18♃54 | 14♄24 | 15♄45 |

Delta T = 05m03s

FEBRUARY 2143

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|----------|----------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|
| F 1 | 8 43 34 | 11♄43'29 | 11♄45 | 4♄32 | 1♃25 | 1♃54 | 2♄26 | 24♃58 | 1♄44 | 18♃55 | 14♄24 | 15♄47 |
| S 2 | 8 47 30 | 12°44'24 | 12°48 | 7°21 | 3° 1 | 2°30 | 2°32 | 25° 0 | 1°45 | 18°55 | 14°24 | 15°49 |
| S 3 | 8 51 27 | 13°45'18 | 13°51 | 10°11 | 4°37 | 3° 5 | 2°37 | 25° 2 | 1°46 | 18°55 | 14°24 | 15°52 |
| M 4 | 8 55 24 | 14°46'10 | 14°53 | 13° 3 | 6°13 | 3°40 | 2°42 | 25° 4 | 1°46 | 18°56 | 14°24 | 15°54 |
| T 5 | 8 59 20 | 15°47'03 | 15°55 | 15°57 | 7°49 | 4°16 | 2°48 | 25° 6 | 1°47 | 18°56 | 14°25 | 15°56 |
| W 6 | 9 3 17 | 16°47'54 | 16°57 | 18°53 | 9°25 | 4°51 | 2°53 | 25° 8 | 1°48 | 18°56 | 14°25 | 15°58 |
| T 7 | 9 7 13 | 17°48'45 | 17°58 | 21°51 | 11° 1 | 5°26 | 2°59 | 25°10 | 1°49 | 18°57 | 14°25 | 16° 1 |
| F 8 | 9 11 10 | 18°49'35 | 18°58 | 24°52 | 12°37 | 6° 1 | 3° 4 | 25°12 | 1°49 | 18°57 | 14°25 | 16° 3 |
| S 9 | 9 15 6 | 19°50'24 | 19°59 | 27°56 | 14°13 | 6°36 | 3° 9 | 25°14 | 1°50 | 18°58 | 14°25 | 16° 5 |
| S 10 | 9 19 3 | 20°51'12 | 20°59 | 1♄ 3 | 15°49 | 7°12 | 3°15 | 25°16 | 1°51 | 18°58 | 14°25 | 16° 7 |
| M11 | 9 22 59 | 21°51'59 | 21°58 | 4°14 | 17°25 | 7°47 | 3°20 | 25°18 | 1°52 | 18°58 | 14°26 | 16°10 |
| T 12 | 9 26 56 | 22°52'45 | 22°58 | 7°28 | 19° 2 | 8°21 | 3°25 | 25°20 | 1°52 | 18°59 | 14°26 | 16°12 |
| W13 | 9 30 53 | 23°53'29 | 23°57 | 10°46 | 20°38 | 8°56 | 3°31 | 25°22 | 1°53 | 18°59 | 14°26 | 16°14 |
| T 14 | 9 34 49 | 24°54'13 | 24°56 | 14° 8 | 22°14 | 9°31 | 3°36 | 25°24 | 1°54 | 18°59 | 14°26 | 16°16 |
| F 15 | 9 38 46 | 25°54'55 | 25°55 | 17°35 | 23°50 | 10° 6 | 3°41 | 25°26 | 1°55 | 19° 0 | 14°26 | 16°18 |
| S 16 | 9 42 42 | 26°55'36 | 26°54 | 21° 7 | 25°27 | 10°41 | 3°47 | 25°28 | 1°55 | 19° 0 | 14°26 | 16°21 |
| S 17 | 9 46 39 | 27°56'15 | 27°53 | 24°44 | 27° 3 | 11°15 | 3°52 | 25°29 | 1°56 | 19° 0 | 14°27 | 16°23 |
| M18 | 9 50 35 | 28°56'53 | 28°52 | 28°27 | 28°39 | 11°50 | 3°57 | 25°31 | 1°57 | 19° 1 | 14°27 | 16°25 |
| T 19 | 9 54 32 | 29°57'29 | 29°51 | 2♃16 | 0♄16 | 12°25 | 4° 3 | 25°33 | 1°58 | 19° 1 | 14°27 | 16°27 |
| W20 | 9 58 28 | 0♄58'04 | 0♄50 | 6°12 | 1°52 | 12°59 | 4° 8 | 25°35 | 1°58 | 19° 1 | 14°27 | 16°30 |
| T 21 | 10 2 25 | 1°58'36 | 1°50 | 10°14 | 3°28 | 13°34 | 4°13 | 25°37 | 1°59 | 19° 2 | 14°27 | 16°32 |
| F 22 | 10 6 22 | 2°59'07 | 2°50 | 14°23 | 5° 5 | 14° 8 | 4°19 | 25°39 | 2° 0 | 19° 2 | 14°27 | 16°34 |
| S 23 | 10 10 18 | 3°59'37 | 3°51 | 18°40 | 6°41 | 14°42 | 4°24 | 25°41 | 2° 1 | 19° 3 | 14°28 | 16°36 |
| S 24 | 10 14 15 | 5° 0'04 | 4°52 | 23° 5 | 8°18 | 15°17 | 4°29 | 25°43 | 2° 1 | 19° 3 | 14°28 | 16°39 |
| M25 | 10 18 11 | 6° 0'30 | 5°53 | 27°38 | 9°54 | 15°51 | 4°35 | 25°45 | 2° 2 | 19° 3 | 14°28 | 16°41 |
| T 26 | 10 22 8 | 7° 0'53 | 6°54 | 2♃20 | 11°31 | 16°25 | 4°40 | 25°47 | 2° 3 | 19° 4 | 14°28 | 16°43 |
| W27 | 10 26 4 | 8° 1'15 | 7°56 | 7°10 | 13° 7 | 16°59 | 4°45 | 25°49 | 2° 4 | 19° 4 | 14°28 | 16°45 |
| T 28 | 10 30 1 | 9♄ 1'35 | 8♄58 | 12♃ 9 | 14♄44 | 17♃33 | 4♄51 | 25♃51 | 2♄ 5 | 19♃ 4 | 14♄28 | 16♄48 |

Delta T = 05m03s

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SWISS EPHEMERIS for the year 2143
heliocentric

MARCH 2143

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|----------|----------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|
| F 1 | 10 33 57 | 10♍ 1'53 | 10♍ 1 | 17°18 | 16♋21 | 18♌ 7 | 4♋56 | 25♌53 | 2♌ 5 | 19♌ 5 | 14♋28 | 16♌50 |
| S 2 | 10 37 54 | 11° 2'09 | 11° 3 | 22°35 | 17°57 | 18°41 | 5° 1 | 25°55 | 2° 6 | 19° 5 | 14°29 | 16°52 |
| S 3 | 10 41 51 | 12° 2'23 | 12° 5 | 28° 2 | 19°34 | 19°15 | 5° 7 | 25°57 | 2° 7 | 19° 5 | 14°29 | 16°54 |
| M 4 | 10 45 47 | 13° 2'36 | 13° 7 | 3♌37 | 21°11 | 19°49 | 5°12 | 25°59 | 2° 8 | 19° 6 | 14°29 | 16°57 |
| T 5 | 10 49 44 | 14° 2'47 | 14° 9 | 9°21 | 22°48 | 20°23 | 5°17 | 26° 1 | 2° 8 | 19° 6 | 14°29 | 16°59 |
| W 6 | 10 53 40 | 15° 2'57 | 15°11 | 15°13 | 24°24 | 20°56 | 5°23 | 26° 3 | 2° 9 | 19° 6 | 14°29 | 17° 1 |
| T 7 | 10 57 37 | 16° 3'05 | 16°12 | 21°12 | 26° 1 | 21°30 | 5°28 | 26° 5 | 2°10 | 19° 7 | 14°29 | 17° 3 |
| F 8 | 11 1 33 | 17° 3'12 | 17°12 | 27°18 | 27°38 | 22° 3 | 5°33 | 26° 7 | 2°11 | 19° 7 | 14°30 | 17° 6 |
| S 9 | 11 5 30 | 18° 3'17 | 18°12 | 3♋29 | 29°15 | 22°37 | 5°39 | 26° 9 | 2°11 | 19° 7 | 14°30 | 17° 8 |
| S 10 | 11 9 26 | 19° 3'21 | 19°12 | 9°44 | 0♌52 | 23°11 | 5°44 | 26°11 | 2°12 | 19° 8 | 14°30 | 17°10 |
| M 11 | 11 13 23 | 20° 3'23 | 20°12 | 16° 2 | 2°29 | 23°44 | 5°49 | 26°13 | 2°13 | 19° 8 | 14°30 | 17°12 |
| T 12 | 11 17 20 | 21° 3'24 | 21°11 | 22°21 | 4° 6 | 24°17 | 5°55 | 26°15 | 2°14 | 19° 9 | 14°30 | 17°15 |
| W 13 | 11 21 16 | 22° 3'22 | 22° 9 | 28°41 | 5°43 | 24°51 | 6° 0 | 26°17 | 2°14 | 19° 9 | 14°30 | 17°17 |
| T 14 | 11 25 13 | 23° 3'19 | 23° 8 | 4♌58 | 7°20 | 25°24 | 6° 5 | 26°19 | 2°15 | 19° 9 | 14°31 | 17°19 |
| F 15 | 11 29 9 | 24° 3'14 | 24° 6 | 11°12 | 8°57 | 25°57 | 6°10 | 26°21 | 2°16 | 19°10 | 14°31 | 17°21 |
| S 16 | 11 33 6 | 25° 3'07 | 25° 4 | 17°22 | 10°34 | 26°30 | 6°16 | 26°23 | 2°17 | 19°10 | 14°31 | 17°24 |
| S 17 | 11 37 2 | 26° 2'59 | 26° 2 | 23°26 | 12°11 | 27° 3 | 6°21 | 26°25 | 2°17 | 19°10 | 14°31 | 17°26 |
| M 18 | 11 40 59 | 27° 2'48 | 27° 0 | 29°23 | 13°48 | 27°36 | 6°26 | 26°27 | 2°18 | 19°11 | 14°31 | 17°28 |
| T 19 | 11 44 55 | 28° 2'35 | 27°58 | 5♌12 | 15°25 | 28° 9 | 6°32 | 26°29 | 2°19 | 19°11 | 14°31 | 17°30 |
| W 20 | 11 48 52 | 29° 2'21 | 28°57 | 10°53 | 17° 3 | 28°42 | 6°37 | 26°31 | 2°20 | 19°11 | 14°31 | 17°33 |
| T 21 | 11 52 48 | 0♌ 2'04 | 29°55 | 16°24 | 18°40 | 29°15 | 6°42 | 26°33 | 2°20 | 19°12 | 14°32 | 17°35 |
| F 22 | 11 56 45 | 1° 1'45 | 0♌54 | 21°46 | 20°17 | 29°48 | 6°48 | 26°35 | 2°21 | 19°12 | 14°32 | 17°37 |
| S 23 | 12 0 42 | 2° 1'24 | 1°53 | 26°59 | 21°54 | 0♋21 | 6°53 | 26°37 | 2°22 | 19°12 | 14°32 | 17°40 |
| S 24 | 12 4 38 | 3° 1'00 | 2°52 | 2♍ 2 | 23°32 | 0°53 | 6°58 | 26°39 | 2°23 | 19°13 | 14°32 | 17°42 |
| M 25 | 12 8 35 | 4° 0'34 | 3°52 | 6°55 | 25° 9 | 1°26 | 7° 4 | 26°41 | 2°23 | 19°13 | 14°32 | 17°44 |
| T 26 | 12 12 31 | 5° 0'06 | 4°52 | 11°38 | 26°46 | 1°59 | 7° 9 | 26°43 | 2°24 | 19°14 | 14°32 | 17°46 |
| W 27 | 12 16 28 | 5°59'36 | 5°53 | 16°13 | 28°24 | 2°31 | 7°14 | 26°45 | 2°25 | 19°14 | 14°33 | 17°49 |
| T 28 | 12 20 24 | 6°59'03 | 6°54 | 20°39 | 0♌ 1 | 3° 3 | 7°20 | 26°47 | 2°26 | 19°14 | 14°33 | 17°51 |
| F 29 | 12 24 21 | 7°58'28 | 7°55 | 24°56 | 1°38 | 3°36 | 7°25 | 26°49 | 2°27 | 19°15 | 14°33 | 17°53 |
| S 30 | 12 28 17 | 8°57'50 | 8°56 | 29° 5 | 3°16 | 4° 8 | 7°30 | 26°51 | 2°27 | 19°15 | 14°33 | 17°55 |
| S 31 | 12 32 14 | 9°57'11 | 9°57 | 3♌ 7 | 4♌53 | 4♋41 | 7♋36 | 26♌53 | 2♌28 | 19♌15 | 14♋33 | 17♌58 |

Delta T = 05m03s

APRIL 2143

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| M 1 | 12 36 11 | 10♌56'30 | 10♌59 | 7♌ 2 | 6♌31 | 5♋13 | 7♋41 | 26♌55 | 2♌29 | 19♌16 | 14♋33 | 18♌ 0 |
| T 2 | 12 40 7 | 11°55'46 | 12° 0 | 10°49 | 8° 8 | 5°45 | 7°46 | 26°57 | 2°30 | 19°16 | 14°34 | 18° 2 |
| W 3 | 12 44 4 | 12°55'01 | 13° 1 | 14°31 | 9°45 | 6°17 | 7°51 | 26°59 | 2°30 | 19°16 | 14°34 | 18° 5 |
| T 4 | 12 48 0 | 13°54'14 | 14° 1 | 18° 7 | 11°23 | 6°49 | 7°57 | 27° 1 | 2°31 | 19°17 | 14°34 | 18° 7 |
| F 5 | 12 51 57 | 14°53'25 | 15° 1 | 21°37 | 13° 0 | 7°21 | 8° 2 | 27° 3 | 2°32 | 19°17 | 14°34 | 18° 9 |
| S 6 | 12 55 53 | 15°52'35 | 16° 1 | 25° 2 | 14°38 | 7°53 | 8° 7 | 27° 5 | 2°33 | 19°17 | 14°34 | 18°11 |
| S 7 | 12 59 50 | 16°51'43 | 17° 1 | 28°22 | 16°15 | 8°25 | 8°13 | 27° 7 | 2°33 | 19°18 | 14°34 | 18°14 |
| M 8 | 13 3 46 | 17°50'49 | 18° 0 | 1♋38 | 17°53 | 8°57 | 8°18 | 27° 9 | 2°34 | 19°18 | 14°35 | 18°16 |
| T 9 | 13 7 43 | 18°49'53 | 18°59 | 4°50 | 19°30 | 9°29 | 8°23 | 27°11 | 2°35 | 19°18 | 14°35 | 18°18 |
| W 10 | 13 11 40 | 19°48'55 | 19°57 | 7°58 | 21° 8 | 10° 0 | 8°29 | 27°13 | 2°36 | 19°19 | 14°35 | 18°20 |
| T 11 | 13 15 36 | 20°47'56 | 20°55 | 11° 3 | 22°45 | 10°32 | 8°34 | 27°15 | 2°36 | 19°19 | 14°35 | 18°23 |
| F 12 | 13 19 33 | 21°46'54 | 21°52 | 14° 5 | 24°23 | 11° 4 | 8°39 | 27°17 | 2°37 | 19°20 | 14°35 | 18°25 |
| S 13 | 13 23 29 | 22°45'51 | 22°50 | 17° 4 | 26° 0 | 11°35 | 8°45 | 27°19 | 2°38 | 19°20 | 14°35 | 18°27 |
| S 14 | 13 27 26 | 23°44'46 | 23°47 | 20° 1 | 27°38 | 12° 7 | 8°50 | 27°21 | 2°39 | 19°20 | 14°35 | 18°30 |
| M 15 | 13 31 22 | 24°43'39 | 24°44 | 22°55 | 29°16 | 12°38 | 8°55 | 27°23 | 2°39 | 19°21 | 14°36 | 18°32 |
| T 16 | 13 35 19 | 25°42'30 | 25°41 | 25°47 | 0♍53 | 13°10 | 9° 0 | 27°25 | 2°40 | 19°21 | 14°36 | 18°34 |
| W 17 | 13 39 15 | 26°41'19 | 26°38 | 28°38 | 2°31 | 13°41 | 9° 6 | 27°27 | 2°41 | 19°21 | 14°36 | 18°36 |
| T 18 | 13 43 12 | 27°40'06 | 27°35 | 1♌27 | 4° 8 | 14°12 | 9°11 | 27°29 | 2°42 | 19°22 | 14°36 | 18°39 |
| F 19 | 13 47 8 | 28°38'51 | 28°33 | 4°15 | 5°46 | 14°44 | 9°16 | 27°31 | 2°42 | 19°22 | 14°36 | 18°41 |
| S 20 | 13 51 5 | 29°37'34 | 29°30 | 7° 2 | 7°23 | 15°15 | 9°22 | 27°33 | 2°43 | 19°22 | 14°36 | 18°43 |
| S 21 | 13 55 2 | 0♍36'15 | 0♍28 | 9°47 | 9° 0 | 15°46 | 9°27 | 27°35 | 2°44 | 19°23 | 14°37 | 18°46 |
| M 22 | 13 58 58 | 1°34'53 | 1°26 | 12°33 | 10°38 | 16°17 | 9°32 | 27°37 | 2°45 | 19°23 | 14°37 | 18°48 |
| T 23 | 14 2 55 | 2°33'29 | 2°25 | 15°18 | 12°15 | 16°48 | 9°38 | 27°39 | 2°46 | 19°23 | 14°37 | 18°50 |
| W 24 | 14 6 51 | 3°32'03 | 3°24 | 18° 2 | 13°53 | 17°19 | 9°43 | 27°41 | 2°46 | 19°24 | 14°37 | 18°52 |
| T 25 | 14 10 48 | 4°30'35 | 4°23 | 20°47 | 15°30 | 17°50 | 9°48 | 27°43 | 2°47 | 19°24 | 14°37 | 18°55 |
| F 26 | 14 14 44 | 5°29'04 | 5°23 | 23°32 | 17° 8 | 18°21 | 9°53 | 27°45 | 2°48 | 19°25 | 14°37 | 18°57 |
| S 27 | 14 18 41 | 6°27'31 | 6°23 | 26°17 | 18°45 | 18°52 | 9°59 | 27°47 | 2°49 | 19°25 | 14°38 | 18°59 |
| S 28 | 14 22 37 | 7°25'57 | 7°23 | 29° 3 | 20°22 | 19°22 | 10° 4 | 27°49 | 2°49 | 19°25 | 14°38 | 19° 2 |
| M 29 | 14 26 34 | 8°24'20 | 8°24 | 1♌50 | 22° 0 | 19°53 | 10° 9 | 27°51 | 2°50 | 19°26 | 14°38 | 19° 4 |
| T 30 | 14 30 31 | 9♌22'42 | 9♌24 | 4♌37 | 23♌37 | 20♋24 | 10♋15 | 27♌53 | 2♌51 | 19♌26 | 14♋38 | 19♌ 6 |

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SWISS EPHEMERIS for the year 2143
heliocentric

MAY 2143

00:00 UT

| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|--------|--------|-------|------|-------|--------|-------|
| W 1 | 14 34 27 | 10M21'01 | 10M24 | 7♃26 | 25M14 | 20II55 | 10II20 | 27K55 | 2M52 | 19A26 | 14II38 | 19Ω 8 |
| T 2 | 14 38 24 | 11°19'20 | 11°24 | 10°17 | 26°51 | 21°25 | 10°25 | 27°57 | 2°52 | 19°27 | 14°38 | 19°11 |
| F 3 | 14 42 20 | 12°17'36 | 12°24 | 13° 9 | 28°29 | 21°56 | 10°30 | 27°59 | 2°53 | 19°27 | 14°39 | 19°13 |
| S 4 | 14 46 17 | 13°15'51 | 13°23 | 16° 3 | 0Ω 6 | 22°26 | 10°36 | 28° 1 | 2°54 | 19°27 | 14°39 | 19°15 |
| S 5 | 14 50 13 | 14°14'05 | 14°22 | 18°59 | 1°43 | 22°57 | 10°41 | 28° 3 | 2°55 | 19°28 | 14°39 | 19°18 |
| M 6 | 14 54 10 | 15°12'17 | 15°21 | 21°57 | 3°20 | 23°27 | 10°46 | 28° 5 | 2°55 | 19°28 | 14°39 | 19°20 |
| T 7 | 14 58 6 | 16°10'27 | 16°20 | 24°58 | 4°57 | 23°57 | 10°52 | 28° 7 | 2°56 | 19°28 | 14°39 | 19°22 |
| W 8 | 15 2 3 | 17° 8'36 | 17°18 | 28° 2 | 6°34 | 24°28 | 10°57 | 28° 9 | 2°57 | 19°29 | 14°39 | 19°25 |
| T 9 | 15 6 0 | 18° 6'43 | 18°15 | 1Ω 9 | 8°11 | 24°58 | 11° 2 | 28°11 | 2°58 | 19°29 | 14°39 | 19°27 |
| F 10 | 15 9 56 | 19° 4'50 | 19°12 | 4°20 | 9°48 | 25°28 | 11° 8 | 28°13 | 2°58 | 19°29 | 14°40 | 19°29 |
| S 11 | 15 13 53 | 20° 2'54 | 20° 9 | 7°34 | 11°25 | 25°58 | 11°13 | 28°15 | 2°59 | 19°30 | 14°40 | 19°31 |
| S 12 | 15 17 49 | 21° 0'57 | 21° 6 | 10°52 | 13° 2 | 26°28 | 11°18 | 28°17 | 3° 0 | 19°30 | 14°40 | 19°34 |
| M13 | 15 21 46 | 21°58'59 | 22° 2 | 14°15 | 14°39 | 26°58 | 11°23 | 28°19 | 3° 1 | 19°31 | 14°40 | 19°36 |
| T 14 | 15 25 42 | 22°56'59 | 22°59 | 17°42 | 16°16 | 27°28 | 11°29 | 28°21 | 3° 1 | 19°31 | 14°40 | 19°38 |
| W15 | 15 29 39 | 23°54'58 | 23°55 | 21°14 | 17°53 | 27°58 | 11°34 | 28°23 | 3° 2 | 19°31 | 14°40 | 19°41 |
| T 16 | 15 33 35 | 24°52'56 | 24°51 | 24°51 | 19°29 | 28°28 | 11°39 | 28°25 | 3° 3 | 19°32 | 14°41 | 19°43 |
| F 17 | 15 37 32 | 25°50'51 | 25°47 | 28°34 | 21° 6 | 28°58 | 11°45 | 28°27 | 3° 4 | 19°32 | 14°41 | 19°45 |
| S 18 | 15 41 29 | 26°48'46 | 26°43 | 2K24 | 22°43 | 29°28 | 11°50 | 28°29 | 3° 5 | 19°32 | 14°41 | 19°48 |
| S 19 | 15 45 25 | 27°46'38 | 27°40 | 6°19 | 24°20 | 29°57 | 11°55 | 28°31 | 3° 5 | 19°33 | 14°41 | 19°50 |
| M20 | 15 49 22 | 28°44'29 | 28°37 | 10°22 | 25°56 | 0Ω27 | 12° 0 | 28°33 | 3° 6 | 19°33 | 14°41 | 19°52 |
| T 21 | 15 53 18 | 29°42'18 | 29°34 | 14°31 | 27°33 | 0°57 | 12° 6 | 28°35 | 3° 7 | 19°33 | 14°41 | 19°54 |
| W22 | 15 57 15 | 0A40'05 | 0A32 | 18°49 | 29° 9 | 1°26 | 12°11 | 28°37 | 3° 8 | 19°34 | 14°42 | 19°57 |
| T 23 | 16 1 11 | 1°37'51 | 1°30 | 23°14 | 0M46 | 1°56 | 12°16 | 28°39 | 3° 8 | 19°34 | 14°42 | 19°59 |
| F 24 | 16 5 8 | 2°35'35 | 2°28 | 27°47 | 2°22 | 2°26 | 12°21 | 28°41 | 3° 9 | 19°34 | 14°42 | 20° 1 |
| S 25 | 16 9 4 | 3°33'17 | 3°27 | 2Y29 | 3°58 | 2°55 | 12°27 | 28°43 | 3°10 | 19°35 | 14°42 | 20° 4 |
| S 26 | 16 13 1 | 4°30'58 | 4°26 | 7°19 | 5°35 | 3°24 | 12°32 | 28°45 | 3°11 | 19°35 | 14°42 | 20° 6 |
| M27 | 16 16 58 | 5°28'37 | 5°25 | 12°19 | 7°11 | 3°54 | 12°37 | 28°47 | 3°11 | 19°36 | 14°42 | 20° 8 |
| T 28 | 16 20 54 | 6°26'15 | 6°25 | 17°28 | 8°47 | 4°23 | 12°43 | 28°49 | 3°12 | 19°36 | 14°43 | 20°11 |
| W29 | 16 24 51 | 7°23'52 | 7°24 | 22°45 | 10°23 | 4°52 | 12°48 | 28°51 | 3°13 | 19°36 | 14°43 | 20°13 |
| T 30 | 16 28 47 | 8°21'27 | 8°24 | 28°12 | 12° 0 | 5°22 | 12°53 | 28°53 | 3°14 | 19°37 | 14°43 | 20°15 |
| F 31 | 16 32 44 | 9A19'02 | 9A23 | 3B48 | 13M36 | 5Ω51 | 12II58 | 28K55 | 3M14 | 19A37 | 14II43 | 20Ω18 |

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JUNE 2143

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| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♁ |
|------|----------|----------|-------|-------|-------|-------|--------|-------|------|-------|--------|-------|
| S 1 | 16 36 40 | 10A16'35 | 10A22 | 9B32 | 15M12 | 6Ω20 | 13II 4 | 28K57 | 3M15 | 19A37 | 14II43 | 20Ω20 |
| S 2 | 16 40 37 | 11°14'07 | 11°21 | 15°24 | 16°48 | 6°49 | 13° 9 | 28°59 | 3°16 | 19°38 | 14°43 | 20°22 |
| M 3 | 16 44 33 | 12°11'39 | 12°20 | 21°24 | 18°24 | 7°18 | 13°14 | 29° 1 | 3°17 | 19°38 | 14°43 | 20°25 |
| T 4 | 16 48 30 | 13° 9'09 | 13°18 | 27°30 | 20° 0 | 7°47 | 13°20 | 29° 3 | 3°17 | 19°38 | 14°44 | 20°27 |
| W 5 | 16 52 27 | 14° 6'39 | 14°16 | 3II41 | 21°35 | 8°16 | 13°25 | 29° 5 | 3°18 | 19°39 | 14°44 | 20°29 |
| T 6 | 16 56 23 | 15° 4'08 | 15°13 | 9°56 | 23°11 | 8°45 | 13°30 | 29° 7 | 3°19 | 19°39 | 14°44 | 20°31 |
| F 7 | 17 0 20 | 16° 1'37 | 16°10 | 16°14 | 24°47 | 9°14 | 13°35 | 29° 9 | 3°20 | 19°39 | 14°44 | 20°34 |
| S 8 | 17 4 16 | 16°59'04 | 17° 7 | 22°33 | 26°23 | 9°43 | 13°41 | 29°11 | 3°20 | 19°40 | 14°44 | 20°36 |
| S 9 | 17 8 13 | 17°56'31 | 18° 4 | 28°52 | 27°59 | 10°12 | 13°46 | 29°13 | 3°21 | 19°40 | 14°44 | 20°38 |
| M10 | 17 12 9 | 18°53'57 | 19° 0 | 5Ω10 | 29°34 | 10°41 | 13°51 | 29°15 | 3°22 | 19°40 | 14°45 | 20°41 |
| T 11 | 17 16 6 | 19°51'23 | 19°56 | 11°24 | 1A10 | 11°10 | 13°56 | 29°17 | 3°23 | 19°41 | 14°45 | 20°43 |
| W12 | 17 20 2 | 20°48'48 | 20°51 | 17°34 | 2°45 | 11°38 | 14° 2 | 29°19 | 3°23 | 19°41 | 14°45 | 20°45 |
| T 13 | 17 23 59 | 21°46'12 | 21°47 | 23°37 | 4°21 | 12° 7 | 14° 7 | 29°21 | 3°24 | 19°42 | 14°45 | 20°48 |
| F 14 | 17 27 56 | 22°43'36 | 22°42 | 29°34 | 5°56 | 12°36 | 14°12 | 29°23 | 3°25 | 19°42 | 14°45 | 20°50 |
| S 15 | 17 31 52 | 23°40'59 | 23°38 | 5Ω23 | 7°32 | 13° 4 | 14°17 | 29°25 | 3°26 | 19°42 | 14°45 | 20°52 |
| S 16 | 17 35 49 | 24°38'20 | 24°34 | 11° 4 | 9° 7 | 13°33 | 14°23 | 29°27 | 3°27 | 19°43 | 14°46 | 20°55 |
| M17 | 17 39 45 | 25°35'41 | 25°29 | 16°35 | 10°43 | 14° 1 | 14°28 | 29°29 | 3°27 | 19°43 | 14°46 | 20°57 |
| T 18 | 17 43 42 | 26°33'01 | 26°26 | 21°56 | 12°18 | 14°30 | 14°33 | 29°31 | 3°28 | 19°43 | 14°46 | 20°59 |
| W19 | 17 47 38 | 27°30'20 | 27°22 | 27° 9 | 13°54 | 14°58 | 14°39 | 29°33 | 3°29 | 19°44 | 14°46 | 21° 2 |
| T 20 | 17 51 35 | 28°27'39 | 28°19 | 2M11 | 15°29 | 15°27 | 14°44 | 29°35 | 3°30 | 19°44 | 14°46 | 21° 4 |
| F 21 | 17 55 32 | 29°24'56 | 29°17 | 7° 4 | 17° 4 | 15°55 | 14°49 | 29°37 | 3°30 | 19°44 | 14°46 | 21° 6 |
| S 22 | 17 59 28 | 0Ω22'12 | 0Ω15 | 11°47 | 18°39 | 16°23 | 14°54 | 29°39 | 3°31 | 19°45 | 14°47 | 21° 9 |
| S 23 | 18 3 25 | 1°19'28 | 1°13 | 16°22 | 20°15 | 16°52 | 15° 0 | 29°41 | 3°32 | 19°45 | 14°47 | 21°11 |
| M24 | 18 7 21 | 2°16'43 | 2°11 | 20°47 | 21°50 | 17°20 | 15° 5 | 29°43 | 3°33 | 19°45 | 14°47 | 21°13 |
| T 25 | 18 11 18 | 3°13'57 | 3°10 | 25° 4 | 23°25 | 17°48 | 15°10 | 29°45 | 3°33 | 19°46 | 14°47 | 21°16 |
| W26 | 18 15 14 | 4°11'11 | 4° 9 | 29°13 | 25° 0 | 18°16 | 15°15 | 29°47 | 3°34 | 19°46 | 14°47 | 21°18 |
| T 27 | 18 19 11 | 5° 8'25 | 5° 8 | 3A15 | 26°35 | 18°45 | 15°21 | 29°49 | 3°35 | 19°47 | 14°47 | 21°20 |
| F 28 | 18 23 7 | 6° 5'38 | 6° 7 | 7° 9 | 28°10 | 19°13 | 15°26 | 29°51 | 3°36 | 19°47 | 14°48 | 21°23 |
| S 29 | 18 27 4 | 7° 2'51 | 7° 6 | 10°57 | 29°45 | 19°41 | 15°31 | 29°53 | 3°36 | 19°47 | 14°48 | 21°25 |
| S 30 | 18 31 1 | 8Ω 0'03 | 8Ω 5 | 14Ω38 | 1Ω20 | 20Ω 9 | 15II36 | 29K55 | 3M37 | 19A48 | 14II48 | 21Ω27 |

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SWISS EPHEMERIS for the year 2143
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JULY 2143

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| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♄ |
|------|----------|----------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| M 1 | 18 34 57 | 8♁57'15 | 9♁ 3 | 18♁13 | 2♁55 | 20♁37 | 15♁42 | 29♁57 | 3♁38 | 19♁48 | 14♁48 | 21♁30 |
| T 2 | 18 38 54 | 9°54'28 | 10° 2 | 21°43 | 4°30 | 21° 5 | 15°47 | 29°59 | 3°39 | 19°48 | 14°48 | 21°32 |
| W 3 | 18 42 50 | 10°51'40 | 11° 0 | 25° 8 | 6° 5 | 21°33 | 15°52 | 0♁ 1 | 3°39 | 19°49 | 14°48 | 21°34 |
| T 4 | 18 46 47 | 11°48'53 | 11°58 | 28°28 | 7°40 | 22° 1 | 15°57 | 0° 3 | 3°40 | 19°49 | 14°48 | 21°37 |
| F 5 | 18 50 43 | 12°46'05 | 12°55 | 1♁44 | 9°15 | 22°29 | 16° 3 | 0° 5 | 3°41 | 19°49 | 14°49 | 21°39 |
| S 6 | 18 54 40 | 13°43'18 | 13°52 | 4°56 | 10°50 | 22°57 | 16° 8 | 0° 7 | 3°42 | 19°50 | 14°49 | 21°41 |
| S 7 | 18 58 36 | 14°40'31 | 14°49 | 8° 4 | 12°25 | 23°24 | 16°13 | 0° 9 | 3°42 | 19°50 | 14°49 | 21°44 |
| M 8 | 19 2 33 | 15°37'44 | 15°45 | 11° 9 | 14° 0 | 23°52 | 16°18 | 0°11 | 3°43 | 19°50 | 14°49 | 21°46 |
| T 9 | 19 6 30 | 16°34'57 | 16°41 | 14°11 | 15°35 | 24°20 | 16°24 | 0°13 | 3°44 | 19°51 | 14°49 | 21°48 |
| W10 | 19 10 26 | 17°32'11 | 17°37 | 17°10 | 17°10 | 24°48 | 16°29 | 0°15 | 3°45 | 19°51 | 14°49 | 21°51 |
| T 11 | 19 14 23 | 18°29'25 | 18°33 | 20° 6 | 18°45 | 25°15 | 16°34 | 0°17 | 3°46 | 19°52 | 14°50 | 21°53 |
| F 12 | 19 18 19 | 19°26'39 | 19°28 | 23° 0 | 20°20 | 25°43 | 16°39 | 0°19 | 3°46 | 19°52 | 14°50 | 21°55 |
| S 13 | 19 22 16 | 20°23'54 | 20°23 | 25°53 | 21°55 | 26°11 | 16°45 | 0°21 | 3°47 | 19°52 | 14°50 | 21°58 |
| S 14 | 19 26 12 | 21°21'08 | 21°19 | 28°43 | 23°30 | 26°38 | 16°50 | 0°23 | 3°48 | 19°53 | 14°50 | 22° 0 |
| M15 | 19 30 9 | 22°18'23 | 22°14 | 1♁32 | 25° 4 | 27° 6 | 16°55 | 0°25 | 3°49 | 19°53 | 14°50 | 22° 3 |
| T 16 | 19 34 5 | 23°15'38 | 23°10 | 4°20 | 26°39 | 27°33 | 17° 0 | 0°27 | 3°49 | 19°53 | 14°50 | 22° 5 |
| W17 | 19 38 2 | 24°12'52 | 24° 6 | 7° 7 | 28°14 | 28° 1 | 17° 6 | 0°29 | 3°50 | 19°54 | 14°51 | 22° 7 |
| T 18 | 19 41 59 | 25°10'07 | 25° 2 | 9°53 | 29°49 | 28°28 | 17°11 | 0°31 | 3°51 | 19°54 | 14°51 | 22°10 |
| F 19 | 19 45 55 | 26° 7'21 | 25°59 | 12°38 | 1♁24 | 28°56 | 17°16 | 0°33 | 3°52 | 19°54 | 14°51 | 22°12 |
| S 20 | 19 49 52 | 27° 4'36 | 26°56 | 15°23 | 2°59 | 29°23 | 17°21 | 0°35 | 3°52 | 19°55 | 14°51 | 22°14 |
| S 21 | 19 53 48 | 28° 1'51 | 27°54 | 18° 8 | 4°34 | 29°51 | 17°27 | 0°37 | 3°53 | 19°55 | 14°51 | 22°17 |
| M22 | 19 57 45 | 28°59'06 | 28°52 | 20°52 | 6° 9 | 0♁18 | 17°32 | 0°39 | 3°54 | 19°55 | 14°51 | 22°19 |
| T 23 | 20 1 41 | 29°56'21 | 29°50 | 23°37 | 7°43 | 0°46 | 17°37 | 0°41 | 3°55 | 19°56 | 14°52 | 22°21 |
| W24 | 20 5 38 | 0♁53'37 | 0♁49 | 26°23 | 9°18 | 1°13 | 17°42 | 0°43 | 3°55 | 19°56 | 14°52 | 22°24 |
| T 25 | 20 9 34 | 1°50'53 | 1°48 | 29° 8 | 10°53 | 1°40 | 17°48 | 0°45 | 3°56 | 19°56 | 14°52 | 22°26 |
| F 26 | 20 13 31 | 2°48'09 | 2°47 | 1♁55 | 12°28 | 2° 7 | 17°53 | 0°47 | 3°57 | 19°57 | 14°52 | 22°28 |
| S 27 | 20 17 28 | 3°45'26 | 3°46 | 4°43 | 14° 3 | 2°35 | 17°58 | 0°49 | 3°58 | 19°57 | 14°52 | 22°31 |
| S 28 | 20 21 24 | 4°42'44 | 4°45 | 7°32 | 15°38 | 3° 2 | 18° 3 | 0°51 | 3°58 | 19°58 | 14°52 | 22°33 |
| M29 | 20 25 21 | 5°40'02 | 5°44 | 10°22 | 17°13 | 3°29 | 18° 8 | 0°53 | 3°59 | 19°58 | 14°52 | 22°35 |
| T 30 | 20 29 17 | 6°37'21 | 6°43 | 13°14 | 18°48 | 3°56 | 18°14 | 0°55 | 4° 0 | 19°58 | 14°53 | 22°38 |
| W31 | 20 33 14 | 7♁34'40 | 7♁41 | 16♁ 8 | 20♁23 | 4♁23 | 18♁19 | 0♁57 | 4♁ 1 | 19♁59 | 14♁53 | 22♁40 |

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AUGUST 2143

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| Day | Sid.t | Terra | ☾ | ♃ | ♄ | ♅ | ♆ | ♁ | ♂ | ♆ | ♁ | ♄ |
|------|----------|----------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|
| T 1 | 20 37 10 | 8♁32'01 | 8♁40 | 19♁ 5 | 21♁58 | 4♁51 | 18♁24 | 0♁59 | 4♁ 1 | 19♁59 | 14♁53 | 22♁43 |
| F 2 | 20 41 7 | 9°29'23 | 9°38 | 22° 3 | 23°33 | 5°18 | 18°29 | 1° 1 | 4° 2 | 19°59 | 14°53 | 22°45 |
| S 3 | 20 45 3 | 10°26'45 | 10°36 | 25° 4 | 25° 8 | 5°45 | 18°35 | 1° 3 | 4° 3 | 20° 0 | 14°53 | 22°47 |
| S 4 | 20 49 0 | 11°24'09 | 11°33 | 28° 8 | 26°43 | 6°12 | 18°40 | 1° 5 | 4° 4 | 20° 0 | 14°53 | 22°50 |
| M 5 | 20 52 57 | 12°21'34 | 12°30 | 1♁15 | 28°18 | 6°39 | 18°45 | 1° 7 | 4° 5 | 20° 0 | 14°54 | 22°52 |
| T 6 | 20 56 53 | 13°19'00 | 13°27 | 4°26 | 29°53 | 7° 6 | 18°50 | 1° 9 | 4° 5 | 20° 1 | 14°54 | 22°54 |
| W 7 | 21 0 50 | 14°16'27 | 14°23 | 7°40 | 1♁28 | 7°33 | 18°56 | 1°11 | 4° 6 | 20° 1 | 14°54 | 22°57 |
| T 8 | 21 4 46 | 15°13'56 | 15°19 | 10°59 | 3° 3 | 8° 0 | 19° 1 | 1°13 | 4° 7 | 20° 1 | 14°54 | 22°59 |
| F 9 | 21 8 43 | 16°11'26 | 16°15 | 14°21 | 4°38 | 8°27 | 19° 6 | 1°15 | 4° 8 | 20° 2 | 14°54 | 23° 1 |
| S 10 | 21 12 39 | 17° 8'57 | 17°11 | 17°48 | 6°13 | 8°54 | 19°11 | 1°17 | 4° 8 | 20° 2 | 14°54 | 23° 4 |
| S 11 | 21 16 36 | 18° 6'28 | 18° 7 | 21°21 | 7°48 | 9°21 | 19°16 | 1°19 | 4° 9 | 20° 3 | 14°55 | 23° 6 |
| M12 | 21 20 32 | 19° 4'01 | 19° 2 | 24°58 | 9°23 | 9°47 | 19°22 | 1°21 | 4°10 | 20° 3 | 14°55 | 23° 9 |
| T 13 | 21 24 29 | 20° 1'35 | 19°58 | 28°42 | 10°58 | 10°14 | 19°27 | 1°23 | 4°11 | 20° 3 | 14°55 | 23°11 |
| W14 | 21 28 26 | 20°59'10 | 20°54 | 2♁31 | 12°34 | 10°41 | 19°32 | 1°25 | 4°11 | 20° 4 | 14°55 | 23°13 |
| T 15 | 21 32 22 | 21°56'46 | 21°50 | 6°27 | 14° 9 | 11° 8 | 19°37 | 1°27 | 4°12 | 20° 4 | 14°55 | 23°16 |
| F 16 | 21 36 19 | 22°54'22 | 22°47 | 10°30 | 15°44 | 11°35 | 19°43 | 1°29 | 4°13 | 20° 4 | 14°55 | 23°18 |
| S 17 | 21 40 15 | 23°52'00 | 23°44 | 14°39 | 17°19 | 12° 2 | 19°48 | 1°31 | 4°14 | 20° 5 | 14°56 | 23°20 |
| S 18 | 21 44 12 | 24°49'38 | 24°41 | 18°57 | 18°54 | 12°28 | 19°53 | 1°33 | 4°14 | 20° 5 | 14°56 | 23°23 |
| M19 | 21 48 8 | 25°47'18 | 25°39 | 23°22 | 20°30 | 12°55 | 19°58 | 1°35 | 4°15 | 20° 5 | 14°56 | 23°25 |
| T 20 | 21 52 5 | 26°44'58 | 26°37 | 27°56 | 22° 5 | 13°22 | 20° 3 | 1°37 | 4°16 | 20° 6 | 14°56 | 23°27 |
| W21 | 21 56 1 | 27°42'40 | 27°36 | 2♁38 | 23°40 | 13°48 | 20° 9 | 1°39 | 4°17 | 20° 6 | 14°56 | 23°30 |
| T 22 | 21 59 58 | 28°40'22 | 28°35 | 7°29 | 25°16 | 14°15 | 20°14 | 1°41 | 4°17 | 20° 6 | 14°56 | 23°32 |
| F 23 | 22 3 55 | 29°38'06 | 29°34 | 12°29 | 26°51 | 14°42 | 20°19 | 1°43 | 4°18 | 20° 7 | 14°57 | 23°35 |
| S 24 | 22 7 51 | 0♁35'51 | 0♁33 | 17°38 | 28°26 | 15° 8 | 20°24 | 1°45 | 4°19 | 20° 7 | 14°57 | 23°37 |
| S 25 | 22 11 48 | 1°33'37 | 1°33 | 22°56 | 0♁ 2 | 15°35 | 20°30 | 1°47 | 4°20 | 20° 8 | 14°57 | 23°39 |
| M26 | 22 15 44 | 2°31'25 | 2°32 | 28°23 | 1°37 | 16° 2 | 20°35 | 1°49 | 4°20 | 20° 8 | 14°57 | 23°42 |
| T 27 | 22 19 41 | 3°29'14 | 3°32 | 3♁59 | 3°13 | 16°28 | 20°40 | 1°51 | 4°21 | 20° 8 | 14°57 | 23°44 |
| W28 | 22 23 37 | 4°27'05 | 4°31 | 9°43 | 4°48 | 16°55 | 20°45 | 1°53 | 4°22 | 20° 9 | 14°57 | 23°46 |
| T 29 | 22 27 34 | 5°24'57 | 5°31 | 15°36 | 6°23 | 17°21 | 20°50 | 1°55 | 4°23 | 20° 9 | 14°57 | 23°49 |
| F 30 | 22 31 30 | 6°22'51 | 6°30 | 21°35 | 7°59 | 17°48 | 20°56 | 1°57 | 4°23 | 20° 9 | 14°58 | 23°51 |
| S 31 | 22 35 27 | 7♁20'47 | 7♁29 | 27♁41 | 9♁35 | 18♁15 | 21♁ 1 | 1°59 | 4♁24 | 20♁10 | 14♁58 | 23♁54 |

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SWISS EPHEMERIS for the year 2143
heliocentric

SEPTEMBER 2143

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| Day | Sid.t | Terra | ☾ | ♁ | ♂ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ |
|------|----------|-----------------------|--------------------|----------------------|---------------------|----------------------|----------------------|--------------------|----------------------|---------------------|----------------------|---------------------|---|
| S 1 | 22 39 23 | 8 ^h 18'44" | 8 ^h 27' | 3 ^h II53 | 11 ^h Y10 | 18 ^h Ω41 | 21 ^h II 6 | 2 ^h Y 1 | 4 ^h III25 | 20 ^h ♁10 | 14 ^h II58 | 23 ^h Ω56 | |
| M 2 | 22 43 20 | 9°16'43 | 9°26 | 10° 8 | 12°46 | 19° 8 | 21°11 | 2° 3 | 4°26 | 20°10 | 14°58 | 23°58 | |
| T 3 | 22 47 17 | 10°14'45 | 10°23 | 16°26 | 14°21 | 19°34 | 21°16 | 2° 5 | 4°27 | 20°11 | 14°58 | 24° 1 | |
| W 4 | 22 51 13 | 11°12'48 | 11°21 | 22°45 | 15°57 | 20° 1 | 21°22 | 2° 7 | 4°27 | 20°11 | 14°58 | 24° 3 | |
| T 5 | 22 55 10 | 12°10'53 | 12°18 | 29° 4 | 17°32 | 20°27 | 21°27 | 2° 9 | 4°28 | 20°11 | 14°59 | 24° 5 | |
| F 6 | 22 59 6 | 13° 9'00 | 13°15 | 5 ^h Ω22 | 19° 8 | 20°54 | 21°32 | 2°11 | 4°29 | 20°12 | 14°59 | 24° 8 | |
| S 7 | 23 3 3 | 14° 7'09 | 14°12 | 11°36 | 20°44 | 21°20 | 21°37 | 2°13 | 4°30 | 20°12 | 14°59 | 24°10 | |
| S 8 | 23 6 59 | 15° 5'20 | 15° 8 | 17°45 | 22°20 | 21°46 | 21°43 | 2°15 | 4°30 | 20°12 | 14°59 | 24°13 | |
| M 9 | 23 10 56 | 16° 3'32 | 16° 4 | 23°49 | 23°55 | 22°13 | 21°48 | 2°17 | 4°31 | 20°13 | 14°59 | 24°15 | |
| T 10 | 23 14 52 | 17° 1'46 | 17° 0 | 29°45 | 25°31 | 22°39 | 21°53 | 2°19 | 4°32 | 20°13 | 14°59 | 24°17 | |
| W11 | 23 18 49 | 18° 0'02 | 17°57 | 5 ^h Ω34 | 27° 7 | 23° 6 | 21°58 | 2°21 | 4°33 | 20°14 | 15° 0 | 24°20 | |
| T 12 | 23 22 46 | 18°58'20 | 18°53 | 11°14 | 28°43 | 23°32 | 22° 3 | 2°23 | 4°33 | 20°14 | 15° 0 | 24°22 | |
| F 13 | 23 26 42 | 19°56'39 | 19°50 | 16°45 | 0 ^h Ω18 | 23°58 | 22° 9 | 2°25 | 4°34 | 20°14 | 15° 0 | 24°25 | |
| S 14 | 23 30 39 | 20°55'00 | 20°47 | 22° 6 | 1°54 | 24°25 | 22°14 | 2°27 | 4°35 | 20°15 | 15° 0 | 24°27 | |
| S 15 | 23 34 35 | 21°53'22 | 21°45 | 27°18 | 3°30 | 24°51 | 22°19 | 2°29 | 4°36 | 20°15 | 15° 0 | 24°29 | |
| M16 | 23 38 32 | 22°51'46 | 22°43 | 2 ^h III20 | 5° 6 | 25°17 | 22°24 | 2°31 | 4°36 | 20°15 | 15° 0 | 24°32 | |
| T 17 | 23 42 28 | 23°50'12 | 23°41 | 7°13 | 6°42 | 25°44 | 22°29 | 2°33 | 4°37 | 20°16 | 15° 0 | 24°34 | |
| W18 | 23 46 25 | 24°48'39 | 24°40 | 11°56 | 8°18 | 26°10 | 22°35 | 2°35 | 4°38 | 20°16 | 15° 1 | 24°37 | |
| T 19 | 23 50 21 | 25°47'07 | 25°40 | 16°30 | 9°54 | 26°36 | 22°40 | 2°37 | 4°39 | 20°16 | 15° 1 | 24°39 | |
| F 20 | 23 54 18 | 26°45'38 | 26°39 | 20°55 | 11°30 | 27° 3 | 22°45 | 2°39 | 4°39 | 20°17 | 15° 1 | 24°41 | |
| S 21 | 23 58 15 | 27°44'10 | 27°39 | 25°12 | 13° 6 | 27°29 | 22°50 | 2°41 | 4°40 | 20°17 | 15° 1 | 24°44 | |
| S 22 | 0 2 11 | 28°42'43 | 28°39 | 29°21 | 14°42 | 27°55 | 22°55 | 2°44 | 4°41 | 20°17 | 15° 1 | 24°46 | |
| M23 | 0 6 8 | 29°41'19 | 29°39 | 3 ^h Ω22 | 16°18 | 28°22 | 23° 1 | 2°46 | 4°42 | 20°18 | 15° 1 | 24°48 | |
| T 24 | 0 10 4 | 0 ^h Y39'56 | 0 ^h Y40 | 7°16 | 17°54 | 28°48 | 23° 6 | 2°48 | 4°42 | 20°18 | 15° 2 | 24°51 | |
| W25 | 0 14 1 | 1°38'35 | 1°40 | 11° 4 | 19°31 | 29°14 | 23°11 | 2°50 | 4°43 | 20°18 | 15° 2 | 24°53 | |
| T 26 | 0 17 57 | 2°37'17 | 2°41 | 14°45 | 21° 7 | 29°40 | 23°16 | 2°52 | 4°44 | 20°19 | 15° 2 | 24°56 | |
| F 27 | 0 21 54 | 3°36'00 | 3°41 | 18°20 | 22°43 | 0 ^h III 7 | 23°21 | 2°54 | 4°45 | 20°19 | 15° 2 | 24°58 | |
| S 28 | 0 25 50 | 4°34'45 | 4°41 | 21°50 | 24°19 | 0°33 | 23°27 | 2°56 | 4°45 | 20°20 | 15° 2 | 25° 0 | |
| S 29 | 0 29 47 | 5°33'33 | 5°41 | 25°15 | 25°56 | 0°59 | 23°32 | 2°58 | 4°46 | 20°20 | 15° 2 | 25° 3 | |
| M30 | 0 33 43 | 6°Y32'23 | 6°Y41 | 28°Ω35 | 27°Ω32 | 1 ^h III25 | 23°III37 | 3°Y 0 | 4 ^h III47 | 20°♁20 | 15°III 3 | 25°Ω 5 | |

Delta T = 05m04s

OCTOBER 2143

00:00 UT

| Day | Sid.t | Terra | ☾ | ♁ | ♂ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ |
|------|---------|-----------------------|--------------------|----------------------|----------------------|-----------------------|-----------------------|--------------------|----------------------|---------------------|----------------------|---------------------|---|
| T 1 | 0 37 40 | 7 ^h Y31'15 | 7 ^h Y40 | 1 ^h III50 | 29 ^h Ω 8 | 1 ^h III52 | 23 ^h III42 | 3 ^h Y 2 | 4 ^h III48 | 20 ^h ♁21 | 15 ^h II 3 | 25 ^h Ω 8 | |
| W 2 | 0 41 37 | 8°30'10 | 8°39 | 5° 2 | 0 ^h III44 | 2°18 | 23°47 | 3° 4 | 4°48 | 20°21 | 15° 3 | 25°10 | |
| T 3 | 0 45 33 | 9°29'07 | 9°38 | 8°10 | 2°21 | 2°44 | 23°52 | 3° 6 | 4°49 | 20°21 | 15° 3 | 25°12 | |
| F 4 | 0 49 30 | 10°28'06 | 10°36 | 11°15 | 3°57 | 3°10 | 23°58 | 3° 8 | 4°50 | 20°22 | 15° 3 | 25°15 | |
| S 5 | 0 53 26 | 11°27'07 | 11°34 | 14°16 | 5°34 | 3°36 | 24° 3 | 3°10 | 4°51 | 20°22 | 15° 3 | 25°17 | |
| S 6 | 0 57 23 | 12°26'11 | 12°31 | 17°15 | 7°10 | 4° 3 | 24° 8 | 3°12 | 4°52 | 20°22 | 15° 4 | 25°20 | |
| M 7 | 1 1 19 | 13°25'17 | 13°29 | 20°12 | 8°47 | 4°29 | 24°13 | 3°14 | 4°52 | 20°23 | 15° 4 | 25°22 | |
| T 8 | 1 5 16 | 14°24'25 | 14°26 | 23° 6 | 10°23 | 4°55 | 24°18 | 3°16 | 4°53 | 20°23 | 15° 4 | 25°24 | |
| W 9 | 1 9 12 | 15°23'35 | 15°23 | 25°58 | 12° 0 | 5°21 | 24°24 | 3°18 | 4°54 | 20°23 | 15° 4 | 25°27 | |
| T 10 | 1 13 9 | 16°22'47 | 16°20 | 28°49 | 13°36 | 5°47 | 24°29 | 3°20 | 4°55 | 20°24 | 15° 4 | 25°29 | |
| F 11 | 1 17 6 | 17°22'01 | 17°17 | 1 ^h Ω38 | 15°13 | 6°14 | 24°34 | 3°22 | 4°55 | 20°24 | 15° 4 | 25°32 | |
| S 12 | 1 21 2 | 18°21'17 | 18°15 | 4°25 | 16°50 | 6°40 | 24°39 | 3°24 | 4°56 | 20°25 | 15° 4 | 25°34 | |
| S 13 | 1 24 59 | 19°20'35 | 19°13 | 7°12 | 18°26 | 7° 6 | 24°44 | 3°26 | 4°57 | 20°25 | 15° 5 | 25°37 | |
| M14 | 1 28 55 | 20°19'54 | 20°12 | 9°58 | 20° 3 | 7°32 | 24°50 | 3°28 | 4°58 | 20°25 | 15° 5 | 25°39 | |
| T 15 | 1 32 52 | 21°19'16 | 21°10 | 12°43 | 21°40 | 7°58 | 24°55 | 3°30 | 4°58 | 20°26 | 15° 5 | 25°41 | |
| W16 | 1 36 48 | 22°18'39 | 22°10 | 15°28 | 23°17 | 8°25 | 25° 0 | 3°32 | 4°59 | 20°26 | 15° 5 | 25°44 | |
| T 17 | 1 40 45 | 23°18'04 | 23° 9 | 18°13 | 24°53 | 8°51 | 25° 5 | 3°34 | 5° 0 | 20°26 | 15° 5 | 25°46 | |
| F 18 | 1 44 41 | 24°17'30 | 24° 9 | 20°58 | 26°30 | 9°17 | 25°10 | 3°36 | 5° 1 | 20°27 | 15° 5 | 25°49 | |
| S 19 | 1 48 38 | 25°16'59 | 25°10 | 23°42 | 28° 7 | 9°43 | 25°15 | 3°38 | 5° 1 | 20°27 | 15° 6 | 25°51 | |
| S 20 | 1 52 35 | 26°16'29 | 26°10 | 26°28 | 29°44 | 10° 9 | 25°21 | 3°40 | 5° 2 | 20°27 | 15° 6 | 25°53 | |
| M21 | 1 56 31 | 27°16'01 | 27°11 | 29°14 | 1 ^h Ω21 | 10°36 | 25°26 | 3°42 | 5° 3 | 20°28 | 15° 6 | 25°56 | |
| T 22 | 2 0 28 | 28°15'35 | 28°12 | 2 ^h Ω 0 | 2°58 | 11° 2 | 25°31 | 3°44 | 5° 4 | 20°28 | 15° 6 | 25°58 | |
| W23 | 2 4 24 | 29°15'10 | 29°14 | 4°48 | 4°35 | 11°28 | 25°36 | 3°46 | 5° 4 | 20°28 | 15° 6 | 26° 1 | |
| T 24 | 2 8 21 | 0 ^h Ω14'48 | 0 ^h Ω15 | 7°37 | 6°12 | 11°54 | 25°41 | 3°48 | 5° 5 | 20°29 | 15° 6 | 26° 3 | |
| F 25 | 2 12 17 | 1°14'28 | 1°17 | 10°28 | 7°49 | 12°20 | 25°46 | 3°50 | 5° 6 | 20°29 | 15° 7 | 26° 5 | |
| S 26 | 2 16 14 | 2°14'10 | 2°18 | 13°20 | 9°26 | 12°47 | 25°52 | 3°52 | 5° 7 | 20°29 | 15° 7 | 26° 8 | |
| S 27 | 2 20 10 | 3°13'54 | 3°19 | 16°14 | 11° 3 | 13°13 | 25°57 | 3°54 | 5° 7 | 20°30 | 15° 7 | 26°10 | |
| M28 | 2 24 7 | 4°13'40 | 4°20 | 19°10 | 12°40 | 13°39 | 26° 2 | 3°56 | 5° 8 | 20°30 | 15° 7 | 26°13 | |
| T 29 | 2 28 4 | 5°13'28 | 5°21 | 22° 9 | 14°17 | 14° 5 | 26° 7 | 3°58 | 5° 9 | 20°31 | 15° 7 | 26°15 | |
| W30 | 2 32 0 | 6°13'19 | 6°22 | 25°10 | 15°55 | 14°31 | 26°12 | 4° 0 | 5°10 | 20°31 | 15° 7 | 26°18 | |
| T 31 | 2 35 57 | 7°Ω13'12 | 7°Ω22 | 28°Ω14 | 17°Ω32 | 14 ^h III58 | 26°III18 | 4°Y 2 | 5 ^h III10 | 20°♁31 | 15°III 8 | 26°Ω20 | |

Delta T = 05m04s

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SWISS EPHEMERIS for the year 2143
heliocentric

NOVEMBER 2143

00:00 UT

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

Delta T = 05m05s

DECEMBER 2143

00:00 UT

| Day | Sid.t | Terra | ☾ | ♁ | ♂ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|----------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|---|---|---|---|---|---|---|---|---|
| S 1 | 4 38 10 | 8♁24'06 | 8♁32 | 22♁57 | 7♁52 | 28♁34 | 28♁57 | 5♁5 | 5♁34 | 20♁42 | 15♁13 | 27♁35 | | | | | | | | | |
| M 2 | 4 42 6 | 9°24'52 | 9°32 | 29°16 | 9°30 | 29°1 | 29°3 | 5°7 | 5°35 | 20°43 | 15°13 | 27°38 | | | | | | | | | |
| T 3 | 4 46 3 | 10°25'40 | 10°32 | 5♁33 | 11°7 | 29°27 | 29°8 | 5°9 | 5°35 | 20°43 | 15°13 | 27°40 | | | | | | | | | |
| W 4 | 4 50 0 | 11°26'29 | 11°31 | 11°47 | 12°45 | 29°54 | 29°13 | 5°11 | 5°36 | 20°43 | 15°13 | 27°43 | | | | | | | | | |
| T 5 | 4 53 56 | 12°27'20 | 12°30 | 17°56 | 14°22 | 0♁20 | 29°18 | 5°13 | 5°37 | 20°44 | 15°13 | 27°45 | | | | | | | | | |
| F 6 | 4 57 53 | 13°28'11 | 13°29 | 24°0 | 16°0 | 0°47 | 29°23 | 5°15 | 5°38 | 20°44 | 15°13 | 27°48 | | | | | | | | | |
| S 7 | 5 1 49 | 14°29'04 | 14°28 | 29°56 | 17°37 | 1°13 | 29°28 | 5°17 | 5°38 | 20°44 | 15°13 | 27°50 | | | | | | | | | |
| S 8 | 5 5 46 | 15°29'59 | 15°27 | 5♁45 | 19°14 | 1°40 | 29°33 | 5°19 | 5°39 | 20°45 | 15°14 | 27°53 | | | | | | | | | |
| M 9 | 5 9 42 | 16°30'54 | 16°26 | 11°24 | 20°52 | 2°7 | 29°39 | 5°21 | 5°40 | 20°45 | 15°14 | 27°55 | | | | | | | | | |
| T 10 | 5 13 39 | 17°31'50 | 17°26 | 16°55 | 22°29 | 2°33 | 29°44 | 5°23 | 5°41 | 20°45 | 15°14 | 27°57 | | | | | | | | | |
| W 11 | 5 17 35 | 18°32'46 | 18°25 | 22°16 | 24°6 | 3°0 | 29°49 | 5°25 | 5°42 | 20°46 | 15°14 | 28°0 | | | | | | | | | |
| T 12 | 5 21 32 | 19°33'44 | 19°25 | 27°28 | 25°44 | 3°27 | 29°54 | 5°27 | 5°42 | 20°46 | 15°14 | 28°2 | | | | | | | | | |
| F 13 | 5 25 29 | 20°34'42 | 20°26 | 2♁30 | 27°21 | 3°53 | 29°59 | 5°29 | 5°43 | 20°47 | 15°14 | 28°5 | | | | | | | | | |
| S 14 | 5 29 25 | 21°35'40 | 21°26 | 7°22 | 28°58 | 4°20 | 0♁4 | 5°31 | 5°44 | 20°47 | 15°15 | 28°7 | | | | | | | | | |
| S 15 | 5 33 22 | 22°36'39 | 22°27 | 12°5 | 0♁35 | 4°47 | 0°9 | 5°33 | 5°45 | 20°47 | 15°15 | 28°10 | | | | | | | | | |
| M 16 | 5 37 18 | 23°37'39 | 23°29 | 16°38 | 2°12 | 5°13 | 0°15 | 5°35 | 5°45 | 20°48 | 15°15 | 28°12 | | | | | | | | | |
| T 17 | 5 41 15 | 24°38'40 | 24°31 | 21°3 | 3°50 | 5°40 | 0°20 | 5°37 | 5°46 | 20°48 | 15°15 | 28°15 | | | | | | | | | |
| W 18 | 5 45 11 | 25°39'40 | 25°33 | 25°20 | 5°27 | 6°7 | 0°25 | 5°39 | 5°47 | 20°48 | 15°15 | 28°17 | | | | | | | | | |
| T 19 | 5 49 8 | 26°40'42 | 26°35 | 29°29 | 7°4 | 6°34 | 0°30 | 5°41 | 5°48 | 20°49 | 15°15 | 28°20 | | | | | | | | | |
| F 20 | 5 53 4 | 27°41'44 | 27°38 | 3♁30 | 8°41 | 7°1 | 0°35 | 5°43 | 5°48 | 20°49 | 15°16 | 28°22 | | | | | | | | | |
| S 21 | 5 57 1 | 28°42'46 | 28°41 | 7°23 | 10°18 | 7°27 | 0°40 | 5°45 | 5°49 | 20°49 | 15°16 | 28°24 | | | | | | | | | |
| S 22 | 6 0 58 | 29°43'49 | 29°43 | 11°11 | 11°55 | 7°54 | 0°45 | 5°47 | 5°50 | 20°50 | 15°16 | 28°27 | | | | | | | | | |
| M 23 | 6 4 54 | 0♁44'53 | 0♁46 | 14°52 | 13°32 | 8°21 | 0°51 | 5°49 | 5°51 | 20°50 | 15°16 | 28°29 | | | | | | | | | |
| T 24 | 6 8 51 | 1°45'57 | 1°49 | 18°27 | 15°8 | 8°48 | 0°56 | 5°51 | 5°51 | 20°50 | 15°16 | 28°32 | | | | | | | | | |
| W 25 | 6 12 47 | 2°47'02 | 2°52 | 21°56 | 16°45 | 9°15 | 1°1 | 5°53 | 5°52 | 20°51 | 15°16 | 28°34 | | | | | | | | | |
| T 26 | 6 16 44 | 3°48'08 | 3°55 | 25°21 | 18°22 | 9°42 | 1°6 | 5°55 | 5°53 | 20°51 | 15°17 | 28°37 | | | | | | | | | |
| F 27 | 6 20 40 | 4°49'14 | 4°57 | 28°41 | 19°59 | 10°9 | 1°11 | 5°57 | 5°54 | 20°52 | 15°17 | 28°39 | | | | | | | | | |
| S 28 | 6 24 37 | 5°50'20 | 5°59 | 1♁56 | 21°36 | 10°36 | 1°16 | 5°59 | 5°54 | 20°52 | 15°17 | 28°42 | | | | | | | | | |
| S 29 | 6 28 33 | 6°51'28 | 7°0 | 5°8 | 23°12 | 11°3 | 1°21 | 6°2 | 5°55 | 20°52 | 15°17 | 28°44 | | | | | | | | | |
| M 30 | 6 32 30 | 7°52'36 | 8°1 | 8°16 | 24°49 | 11°30 | 1°27 | 6°4 | 5°56 | 20°53 | 15°17 | 28°47 | | | | | | | | | |
| T 31 | 6 36 27 | 8♁53'44 | 9♁2 | 11♁21 | 26♁25 | 11♁57 | 1♁32 | 6♁6 | 5♁57 | 20♁53 | 15♁17 | 28♁49 | | | | | | | | | |

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