

SWISS EPHEMERIS for the year 2509 BCE

JANUARY 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|---------|----------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|------|
| F 1 | 5 15 18 | 21♌4'49 | 20♍45 | 24♎39 | 11♏12 | 15♐32 | 11♑22 | 26♒51 | 7°R19 | 25°R 3 | 26°R47 | 20°R31 | 19°10 | 23♌59 | n.a. |
| S 2 | 5 19 15 | 22° 5'15 | 5♌50 | 25°36 | 12°27 | 16° 4 | 11°33 | 26°56 | 7°V18 | 25° 1 | 26♌46 | 20♑25 | 19° 6 | 24° 6 | n.a. |
| S 3 | 5 23 11 | 23° 5'39 | 20°59 | 26°35 | 13°42 | 16°35 | 11°45 | 27° 1 | 7°18 | 25° 0 | 26°45 | 20°16 | 19° 3 | 24°13 | n.a. |
| M 4 | 5 27 8 | 24° 6'01 | 6♌2 | 27°37 | 14°57 | 17° 7 | 11°57 | 27° 6 | 7°18 | 24°59 | 26°44 | 20° 6 | 19° 0 | 24°19 | n.a. |
| T 5 | 5 31 4 | 25° 6'22 | 20°49 | 28°41 | 16°11 | 17°39 | 12° 9 | 27°11 | 7°D18 | 24°57 | 26°43 | 19°56 | 18°57 | 24°26 | n.a. |
| W 6 | 5 35 1 | 26° 6'40 | 5♌12 | 29°48 | 17°26 | 18°11 | 12°21 | 27°16 | 7°18 | 24°56 | 26°42 | 19°47 | 18°54 | 24°33 | n.a. |
| T 7 | 5 38 57 | 27° 6'56 | 19° 6 | 0♌57 | 18°41 | 18°43 | 12°33 | 27°21 | 7°18 | 24°55 | 26°40 | 19°39 | 18°51 | 24°39 | n.a. |
| F 8 | 5 42 54 | 28° 7'09 | 2♌31 | 2° 8 | 19°56 | 19°15 | 12°45 | 27°26 | 7°18 | 24°53 | 26°39 | 19°34 | 18°47 | 24°46 | n.a. |
| S 9 | 5 46 51 | 29° 7'21 | 15°27 | 3°20 | 21°10 | 19°47 | 12°57 | 27°32 | 7°19 | 24°52 | 26°38 | 19°31 | 18°44 | 24°53 | n.a. |
| S 10 | 5 50 47 | 0♌7'30 | 28° 0 | 4°35 | 22°25 | 20°19 | 13° 9 | 27°37 | 7°19 | 24°50 | 26°37 | 19°D30 | 18°41 | 24°59 | n.a. |
| M11 | 5 54 44 | 1° 7'36 | 10♌13 | 5°51 | 23°40 | 20°52 | 13°21 | 27°42 | 7°19 | 24°49 | 26°36 | 19°30 | 18°38 | 25° 6 | n.a. |
| T 12 | 5 58 40 | 2° 7'41 | 22°12 | 7° 8 | 24°54 | 21°24 | 13°34 | 27°48 | 7°19 | 24°47 | 26°35 | 19°R30 | 18°35 | 25°13 | n.a. |
| W13 | 6 2 37 | 3° 7'43 | 4♌3 | 8°28 | 26° 9 | 21°57 | 13°46 | 27°54 | 7°20 | 24°46 | 26°34 | 19°29 | 18°31 | 25°20 | n.a. |
| T 14 | 6 6 33 | 4° 7'42 | 15°50 | 9°48 | 27°23 | 22°29 | 13°59 | 27°59 | 7°20 | 24°44 | 26°33 | 19°26 | 18°28 | 25°26 | n.a. |
| F 15 | 6 10 30 | 5° 7'40 | 27°38 | 11°11 | 28°38 | 23° 2 | 14°11 | 28° 5 | 7°21 | 24°43 | 26°32 | 19°21 | 18°25 | 25°33 | n.a. |
| S 16 | 6 14 26 | 6° 7'35 | 9♌30 | 12°34 | 29°53 | 23°35 | 14°24 | 28°11 | 7°21 | 24°41 | 26°31 | 19°12 | 18°22 | 25°40 | n.a. |
| S 17 | 6 18 23 | 7° 7'28 | 21°30 | 13°59 | 1♌7 | 24° 8 | 14°37 | 28°17 | 7°22 | 24°40 | 26°30 | 19° 1 | 18°19 | 25°46 | n.a. |
| M18 | 6 22 20 | 8° 7'19 | 3♌38 | 15°25 | 2°22 | 24°41 | 14°50 | 28°23 | 7°23 | 24°38 | 26°29 | 18°48 | 18°16 | 25°53 | n.a. |
| T 19 | 6 26 16 | 9° 7'07 | 15°56 | 16°53 | 3°36 | 25°14 | 15° 2 | 28°29 | 7°23 | 24°36 | 26°28 | 18°34 | 18°12 | 26° 0 | n.a. |
| W20 | 6 30 13 | 10° 6'54 | 28°24 | 18°22 | 4°51 | 25°47 | 15°15 | 28°35 | 7°24 | 24°35 | 26°27 | 18°20 | 18° 9 | 26° 6 | n.a. |
| T 21 | 6 34 9 | 11° 6'38 | 11♌3 | 19°52 | 6° 5 | 26°20 | 15°28 | 28°41 | 7°25 | 24°33 | 26°26 | 18° 8 | 18° 6 | 26°13 | n.a. |
| F 22 | 6 38 6 | 12° 6'20 | 23°52 | 21°23 | 7°20 | 26°54 | 15°41 | 28°47 | 7°26 | 24°32 | 26°25 | 17°58 | 18° 3 | 26°20 | n.a. |
| S 23 | 6 42 2 | 13° 6'00 | 6♌53 | 22°56 | 8°34 | 27°27 | 15°54 | 28°54 | 7°27 | 24°30 | 26°24 | 17°52 | 18° 0 | 26°26 | n.a. |
| S 24 | 6 45 59 | 14° 5'38 | 20° 7 | 24°29 | 9°49 | 28° 0 | 16° 8 | 29° 0 | 7°28 | 24°28 | 26°24 | 17°48 | 17°57 | 26°33 | n.a. |
| M25 | 6 49 55 | 15° 5'14 | 3♌34 | 26° 4 | 11° 3 | 28°34 | 16°21 | 29° 6 | 7°29 | 24°27 | 26°23 | 17°46 | 17°53 | 26°40 | n.a. |
| T 26 | 6 53 52 | 16° 4'49 | 17°17 | 27°41 | 12°18 | 29° 7 | 16°34 | 29°13 | 7°30 | 24°25 | 26°22 | 17°46 | 17°50 | 26°46 | n.a. |
| W27 | 6 57 49 | 17° 4'21 | 1♌16 | 29°18 | 13°32 | 29°41 | 16°47 | 29°19 | 7°31 | 24°24 | 26°21 | 17°46 | 17°47 | 26°53 | n.a. |
| T 28 | 7 1 45 | 18° 3'52 | 15°32 | 0♌57 | 14°46 | 0°V15 | 17° 1 | 29°26 | 7°32 | 24°22 | 26°20 | 17°44 | 17°44 | 27° 0 | n.a. |
| F 29 | 7 5 42 | 19° 3'20 | 0♌3 | 2°37 | 16° 1 | 0°49 | 17°14 | 29°33 | 7°33 | 24°20 | 26°20 | 17°40 | 17°41 | 27° 6 | n.a. |
| S 30 | 7 9 38 | 20° 2'47 | 14°46 | 4°18 | 17°15 | 1°22 | 17°27 | 29°39 | 7°34 | 24°19 | 26°19 | 17°34 | 17°37 | 27°13 | n.a. |
| S 31 | 7 13 35 | 21♌2'12 | 29♌34 | 6♌0 | 18♌30 | 1°V56 | 17♌41 | 29♌46 | 7°V36 | 24°17 | 26♌18 | 17♌24 | 17♌34 | 27♌20 | n.a. |

Delta T = 17h21m54s Julian Calendar 1 Jan. 2509 BCE == Greg. Calendar 11 Dec. 2510 BCE
 The year -2508 astronomical counting style corresponds to year 2509 B.C.E historical counting style.

FEBRUARY 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♆ | ♁ | ♂ |
|------|---------|----------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|-------|-------|------|
| M 1 | 7 17 31 | 22♌1'34 | 14♌19 | 7♌44 | 19♌44 | 2°V30 | 17♌55 | 29♌53 | 7°V37 | 24°R15 | 26°R18 | 17°R13 | 17♌31 | 27♌26 | n.a. |
| T 2 | 7 21 28 | 23° 0'54 | 28°54 | 9°29 | 20°58 | 3° 4 | 18° 8 | 0°X 0 | 7°39 | 24°14 | 26♌17 | 17♌1 | 17°28 | 27°33 | n.a. |
| W 3 | 7 25 24 | 24° 0'12 | 13♌10 | 11°16 | 22°13 | 3°38 | 18°22 | 0° 7 | 7°40 | 24°12 | 26°16 | 16°50 | 17°25 | 27°40 | n.a. |
| T 4 | 7 29 21 | 24°59'28 | 27° 2 | 13° 3 | 23°27 | 4°13 | 18°35 | 0°13 | 7°42 | 24°10 | 26°16 | 16°40 | 17°22 | 27°46 | n.a. |
| F 5 | 7 33 18 | 25°58'41 | 10♌28 | 14°52 | 24°42 | 4°47 | 18°49 | 0°20 | 7°43 | 24° 9 | 26°15 | 16°33 | 17°18 | 27°53 | n.a. |
| S 6 | 7 37 14 | 26°57'52 | 23°27 | 16°42 | 25°56 | 5°21 | 19° 3 | 0°27 | 7°45 | 24° 7 | 26°15 | 16°29 | 17°15 | 28° 0 | n.a. |
| S 7 | 7 41 11 | 27°57'00 | 6°V 3 | 18°34 | 27°10 | 5°55 | 19°17 | 0°35 | 7°46 | 24° 5 | 26°14 | 16°27 | 17°12 | 28° 6 | n.a. |
| M 8 | 7 45 7 | 28°56'06 | 18°20 | 20°27 | 28°24 | 6°30 | 19°30 | 0°42 | 7°48 | 24° 4 | 26°14 | 16°D27 | 17° 9 | 28°13 | n.a. |
| T 9 | 7 49 4 | 29°55'09 | 0♌22 | 22°21 | 29°39 | 7° 4 | 19°44 | 0°49 | 7°50 | 24° 2 | 26°13 | 16°R27 | 17° 6 | 28°20 | n.a. |
| W10 | 7 53 0 | 0♌54'10 | 12°14 | 24°17 | 0♌53 | 7°39 | 19°58 | 0°56 | 7°52 | 24° 0 | 26°13 | 16°27 | 17° 3 | 28°26 | n.a. |
| T 11 | 7 56 57 | 1°53'08 | 24° 3 | 26°14 | 2° 7 | 8°13 | 20°12 | 1° 3 | 7°53 | 23°59 | 26°12 | 16°24 | 16°59 | 28°33 | n.a. |
| F 12 | 8 0 53 | 2°52'04 | 5♌53 | 28°12 | 3°21 | 8°48 | 20°26 | 1°11 | 7°55 | 23°57 | 26°12 | 16°20 | 16°56 | 28°40 | n.a. |
| S 13 | 8 4 50 | 3°50'57 | 17°49 | 0♌11 | 4°36 | 9°22 | 20°40 | 1°18 | 7°57 | 23°56 | 26°11 | 16°13 | 16°53 | 28°47 | n.a. |
| S 14 | 8 8 47 | 4°49'48 | 29°55 | 2°12 | 5°50 | 9°57 | 20°54 | 1°25 | 7°59 | 23°54 | 26°11 | 16° 3 | 16°50 | 28°53 | n.a. |
| M15 | 8 12 43 | 5°48'37 | 12♌12 | 4°13 | 7° 4 | 10°32 | 21° 8 | 1°33 | 8° 1 | 23°52 | 26°11 | 15°52 | 16°47 | 29° 0 | n.a. |
| T 16 | 8 16 40 | 6°47'24 | 24°42 | 6°16 | 8°18 | 11° 7 | 21°22 | 1°40 | 8° 3 | 23°51 | 26°10 | 15°40 | 16°43 | 29° 7 | n.a. |
| W17 | 8 20 36 | 7°46'08 | 7♌27 | 8°19 | 9°32 | 11°41 | 21°36 | 1°48 | 8° 5 | 23°49 | 26°10 | 15°28 | 16°40 | 29°13 | n.a. |
| T 18 | 8 24 33 | 8°44'50 | 20°25 | 10°24 | 10°46 | 12°16 | 21°50 | 1°55 | 8° 8 | 23°47 | 26°10 | 15°17 | 16°37 | 29°20 | n.a. |
| F 19 | 8 28 29 | 9°43'30 | 3♌35 | 12°28 | 12° 1 | 12°51 | 22° 4 | 2° 3 | 8°10 | 23°46 | 26° 9 | 15° 9 | 16°34 | 29°27 | n.a. |
| S 20 | 8 32 26 | 10°42'07 | 16°57 | 14°34 | 13°15 | 13°26 | 22°18 | 2°10 | 8°12 | 23°44 | 26° 9 | 15° 3 | 16°31 | 29°33 | n.a. |
| S 21 | 8 36 22 | 11°40'43 | 0♌29 | 16°39 | 14°29 | 14° 1 | 22°32 | 2°18 | 8°14 | 23°43 | 26° 9 | 15° 0 | 16°28 | 29°40 | n.a. |
| M22 | 8 40 19 | 12°39'17 | 14°11 | 18°44 | 15°43 | 14°36 | 22°46 | 2°25 | 8°16 | 23°41 | 26° 9 | 14°D59 | 16°24 | 29°47 | n.a. |
| T 23 | 8 44 16 | 13°37'49 | 28° 2 | 20°49 | 16°57 | 15°11 | 23° 0 | 2°33 | 8°19 | 23°40 | 26° 9 | 14°59 | 16°21 | 29°53 | n.a. |
| W24 | 8 48 12 | 14°36'19 | 12♌2 | 22°54 | 18°11 | 15°46 | 23°15 | 2°40 | 8°21 | 23°38 | 26° 9 | 15°R 0 | 16°18 | 0♌0 | n.a. |
| T 25 | 8 52 9 | 15°34'48 | 26°10 | 24°57 | 19°25 | 16°21 | 23°29 | 2°48 | 8°24 | 23°37 | 26° 9 | 14°59 | 16°15 | 0° 7 | n.a. |
| F 26 | 8 56 5 | 16°33'15 | 10♌26 | 26°59 | 20°39 | 16°56 | 23°43 | 2°56 | 8°26 | 23°35 | 26° 8 | 14°57 | 16°12 | 0°13 | n.a. |
| S 27 | 9 0 2 | 17°31'40 | 24°47 | 29° 0 | 21°53 | 17°31 | 23°57 | 3° 4 | 8°29 | 23°34 | 26° 8 | 14°52 | 16° 8 | 0°20 | n.a. |
| S 28 | 9 3 58 | 18°30'03 | 9♌9 | 0♌58 | 23° 7 | 18° 7 | 24°11 | 3°11 | 8°31 | 23°32 | 26°D 8 | 14°46 | 16° 5 | 0°27 | n.a. |
| M29 | 9 7 55 | 19°28'25 | 23♌27 | 2♌54 | 24♌21 | 18°V42 | 24♌26 | 3♌19 | 8°V34 | 23°31 | 26♌8 | 14°37 | 16° 2 | 0♌33 | n.a. |

Delta T = 17h21m51s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [6.2.2007]

SWISS EPHEMERIS for the year 2509 BCE

MARCH 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♁ | ♃ | ♄ |
|------|----------|------------------------|---------------------|-----------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|---------------------|-----------------------|---------------------|--------------------|------|
| T 1 | 9 11 51 | 20 ²⁶ 26'44 | 7 ³⁷ 37 | 4 ⁴⁸ 48 | 25 ³⁵ 35 | 19 ¹⁷ 17 | 24 ⁴⁰ 40 | 3 ²⁷ 27 | 8 ³⁶ 36 | 23 ²⁹ 29 | 26 ⁸ 8 | 14 ^{R29} R29 | 15 ⁵⁹ 59 | 0 ⁴⁰ 40 | n.a. |
| W 2 | 9 15 48 | 21 ⁰² 25'02 | 21 ³² 32 | 6 ³⁹ 39 | 26 ⁴⁹ 49 | 19 ⁵³ 53 | 24 ⁵⁴ 54 | 3 ³⁵ 35 | 8 ³⁹ 39 | 23 ²⁸ 28 | 26 ⁸ 8 | 14 ²⁰ 20 | 15 ⁵⁶ 56 | 0 ⁴⁷ 47 | n.a. |
| T 3 | 9 19 45 | 22 ⁰² 23'17 | 5 ³ 9 | 8 ²⁶ 26 | 28 ³ 3 | 20 ²⁸ 28 | 25 ⁸ 8 | 3 ⁴² 42 | 8 ⁴² 42 | 23 ²⁶ 26 | 26 ⁹ 9 | 14 ¹³ 13 | 15 ⁵³ 53 | 0 ⁵⁴ 54 | n.a. |
| F 4 | 9 23 41 | 23 ⁰² 21'31 | 18 ²⁵ 25 | 10 ¹⁰ 10 | 29 ¹⁷ 17 | 21 ³ 3 | 25 ²² 22 | 3 ⁵⁰ 50 | 8 ⁴⁴ 44 | 23 ²⁵ 25 | 26 ⁹ 9 | 14 ⁸ 8 | 15 ⁴⁹ 49 | 1 ⁰ 0 | n.a. |
| S 5 | 9 27 38 | 24 ⁰¹ 19'42 | 1 ¹⁹ 19 | 11 ⁵⁰ 50 | 0 ³¹ 31 | 21 ³⁹ 39 | 25 ³⁷ 37 | 3 ⁵⁸ 58 | 8 ⁴⁷ 47 | 23 ²⁴ 24 | 26 ⁹ 9 | 14 ⁵ 5 | 15 ⁴⁶ 46 | 1 ⁷ 7 | n.a. |
| S 6 | 9 31 34 | 25 ⁰¹ 17'52 | 13 ⁵⁴ 54 | 13 ²⁷ 27 | 1 ⁴⁵ 45 | 22 ¹⁴ 14 | 25 ⁵¹ 51 | 4 ⁶ 6 | 8 ⁵⁰ 50 | 23 ²² 22 | 26 ⁹ 9 | 14 ^{D4} D4 | 15 ⁴³ 43 | 1 ¹⁴ 14 | n.a. |
| M 7 | 9 35 31 | 26 ⁰¹ 15'59 | 26 ¹⁰ 10 | 14 ⁵⁹ 59 | 2 ⁵⁹ 59 | 22 ⁵⁰ 50 | 26 ⁵ 5 | 4 ¹⁴ 14 | 8 ⁵² 52 | 23 ²¹ 21 | 26 ⁹ 9 | 14 ⁵ 5 | 15 ⁴⁰ 40 | 1 ²⁰ 20 | n.a. |
| T 8 | 9 39 27 | 27 ⁰¹ 14'04 | 8 ¹⁴ 14 | 16 ²⁸ 28 | 4 ¹³ 13 | 23 ²⁵ 25 | 26 ¹⁹ 19 | 4 ²² 22 | 8 ⁵⁵ 55 | 23 ²⁰ 20 | 26 ⁹ 9 | 14 ⁶ 6 | 15 ³⁷ 37 | 1 ²⁷ 27 | n.a. |
| W 9 | 9 43 24 | 28 ⁰¹ 12'07 | 20 ⁸ 8 | 17 ⁵¹ 51 | 5 ²⁶ 26 | 24 ¹ 1 | 26 ³⁴ 34 | 4 ³⁰ 30 | 8 ⁵⁸ 58 | 23 ¹⁸ 18 | 26 ¹⁰ 10 | 14 ⁷ 7 | 15 ³⁴ 34 | 1 ³⁴ 34 | n.a. |
| T 10 | 9 47 20 | 29 ⁰¹ 10'08 | 1 ⁵⁹ 59 | 19 ¹¹ 11 | 6 ⁴⁰ 40 | 24 ³⁶ 36 | 26 ⁴⁸ 48 | 4 ³⁷ 37 | 9 ¹ 1 | 23 ¹⁷ 17 | 26 ¹⁰ 10 | 14 ^{R7} R7 | 15 ³⁰ 30 | 1 ⁴⁰ 40 | n.a. |
| F 11 | 9 51 17 | 0 ³ 8'07 | 13 ⁵¹ 51 | 20 ²⁶ 26 | 7 ⁵⁴ 54 | 25 ¹² 12 | 27 ² 2 | 4 ⁴⁵ 45 | 9 ⁴ 4 | 23 ¹⁶ 16 | 26 ¹⁰ 10 | 14 ⁶ 6 | 15 ²⁷ 27 | 1 ⁴⁷ 47 | n.a. |
| S 12 | 9 55 13 | 1 ⁶ 6'04 | 25 ⁵⁰ 50 | 21 ³⁶ 36 | 9 ⁸ 8 | 25 ⁴⁸ 48 | 27 ¹⁶ 16 | 4 ⁵³ 53 | 9 ⁷ 7 | 23 ¹⁵ 15 | 26 ¹⁰ 10 | 14 ³ 3 | 15 ²⁴ 24 | 1 ⁵⁴ 54 | n.a. |
| S 13 | 9 59 10 | 2 ³ 3'59 | 7 ⁵⁹ 59 | 22 ⁴² 42 | 10 ²² 22 | 26 ²³ 23 | 27 ³⁰ 30 | 5 ¹ 1 | 9 ¹⁰ 10 | 23 ¹³ 13 | 26 ¹¹ 11 | 13 ⁵⁹ 59 | 15 ²¹ 21 | 2 ⁰ 0 | n.a. |
| M 14 | 10 3 7 | 3 ¹ 1'51 | 20 ²² 22 | 23 ⁴³ 43 | 11 ³⁵ 35 | 26 ⁵⁹ 59 | 27 ⁴⁵ 45 | 5 ⁹ 9 | 9 ¹³ 13 | 23 ¹² 12 | 26 ¹¹ 11 | 13 ⁵³ 53 | 15 ¹⁸ 18 | 2 ⁷ 7 | n.a. |
| T 15 | 10 7 3 | 3 ⁵⁹ 42 | 3 ² 3 | 24 ³⁹ 39 | 12 ⁴⁹ 49 | 27 ³⁵ 35 | 27 ⁵⁹ 59 | 5 ¹⁷ 17 | 9 ¹⁶ 16 | 23 ¹¹ 11 | 26 ¹² 12 | 13 ⁴⁶ 46 | 15 ¹⁴ 14 | 2 ¹⁴ 14 | n.a. |
| W 16 | 10 11 0 | 4 ⁵⁷ 31 | 15 ⁵⁹ 59 | 25 ³¹ 31 | 14 ³ 3 | 28 ¹¹ 11 | 28 ¹³ 13 | 5 ²⁵ 25 | 9 ¹⁹ 19 | 23 ¹⁰ 10 | 26 ¹² 12 | 13 ³⁹ 39 | 15 ¹¹ 11 | 2 ²⁰ 20 | n.a. |
| T 17 | 10 14 56 | 5 ⁵⁵ 19 | 29 ¹⁵ 15 | 26 ¹⁷ 17 | 15 ¹⁷ 17 | 28 ⁴⁶ 46 | 28 ²⁷ 27 | 5 ³³ 33 | 9 ²² 22 | 23 ⁹ 9 | 26 ¹² 12 | 13 ³⁴ 34 | 15 ⁸ 8 | 2 ²⁷ 27 | n.a. |
| F 18 | 10 18 53 | 6 ⁵³ 04 | 12 ⁴⁷ 47 | 26 ⁵⁸ 58 | 16 ³⁰ 30 | 29 ²² 22 | 28 ⁴¹ 41 | 5 ⁴¹ 41 | 9 ²⁵ 25 | 23 ⁸ 8 | 26 ¹³ 13 | 13 ²⁹ 29 | 15 ⁵ 5 | 2 ³⁴ 34 | n.a. |
| S 19 | 10 22 49 | 7 ⁵⁰ 48 | 26 ³³ 33 | 27 ³⁴ 34 | 17 ⁴⁴ 44 | 29 ⁵⁸ 58 | 28 ⁵⁵ 55 | 5 ⁴⁹ 49 | 9 ²⁸ 28 | 23 ⁷ 7 | 26 ¹³ 13 | 13 ²⁶ 26 | 15 ² 2 | 2 ⁴¹ 41 | n.a. |
| S 20 | 10 26 46 | 8 ⁴⁸ 30 | 10 ³⁰ 30 | 28 ⁵ 5 | 18 ⁵⁸ 58 | 0 ³⁴ 34 | 29 ¹⁰ 10 | 5 ⁵⁷ 57 | 9 ³¹ 31 | 23 ⁵ 5 | 26 ¹⁴ 14 | 13 ^{D25} D25 | 14 ⁵⁹ 59 | 2 ⁴⁷ 47 | n.a. |
| M 21 | 10 30 42 | 9 ⁴⁶ 11 | 24 ³⁶ 36 | 28 ³¹ 31 | 20 ¹¹ 11 | 1 ¹⁰ 10 | 29 ²⁴ 24 | 6 ⁴ 4 | 9 ³⁵ 35 | 23 ⁴ 4 | 26 ¹⁴ 14 | 13 ²⁵ 25 | 14 ⁵⁵ 55 | 2 ⁵⁴ 54 | n.a. |
| T 22 | 10 34 39 | 10 ⁴³ 51 | 8 ⁴⁶ 46 | 28 ⁵² 52 | 21 ²⁵ 25 | 1 ⁴⁶ 46 | 29 ³⁸ 38 | 6 ¹² 12 | 9 ³⁸ 38 | 23 ³ 3 | 26 ¹⁵ 15 | 13 ²⁷ 27 | 14 ⁵² 52 | 3 ¹ 1 | n.a. |
| W 23 | 10 38 36 | 11 ⁴¹ 29 | 23 ⁰ 0 | 29 ⁸ 8 | 22 ³⁹ 39 | 2 ²² 22 | 29 ⁵² 52 | 6 ²⁰ 20 | 9 ⁴¹ 41 | 23 ² 2 | 26 ¹⁵ 15 | 13 ²⁸ 28 | 14 ⁴⁹ 49 | 3 ⁷ 7 | n.a. |
| T 24 | 10 42 32 | 12 ³⁹ 06 | 7 ¹³ 13 | 29 ¹⁸ 18 | 23 ⁵² 52 | 2 ⁵⁷ 57 | 0 ³ 6 | 6 ²⁸ 28 | 9 ⁴⁴ 44 | 23 ¹ 1 | 26 ¹⁶ 16 | 13 ^{R29} R29 | 14 ⁴⁶ 46 | 3 ¹⁴ 14 | n.a. |
| F 25 | 10 46 29 | 13 ³⁶ 42 | 21 ²⁴ 24 | 29 ²⁴ 24 | 25 ⁶ 6 | 3 ³³ 33 | 0 ²⁰ 20 | 6 ³⁶ 36 | 9 ⁴⁷ 47 | 23 ¹ 1 | 26 ¹⁷ 17 | 13 ²⁹ 29 | 14 ⁴³ 43 | 3 ²¹ 21 | n.a. |
| S 26 | 10 50 25 | 14 ³⁴ 17 | 5 ³¹ 31 | 29 ^{R25} R25 | 26 ²⁰ 20 | 4 ¹⁰ 10 | 0 ³⁴ 34 | 6 ⁴⁴ 44 | 9 ⁵¹ 51 | 23 ⁰ 0 | 26 ¹⁷ 17 | 13 ²⁷ 27 | 14 ³⁹ 39 | 3 ²⁷ 27 | n.a. |
| S 27 | 10 54 22 | 15 ³¹ 51 | 19 ³² 32 | 29 ²¹ 21 | 27 ³³ 33 | 4 ⁴⁶ 46 | 0 ⁴⁸ 48 | 6 ⁵² 52 | 9 ⁵⁴ 54 | 22 ⁵⁹ 59 | 26 ¹⁸ 18 | 13 ²⁵ 25 | 14 ³⁶ 36 | 3 ³⁴ 34 | n.a. |
| M 28 | 10 58 18 | 16 ²⁹ 23 | 3 ²⁵ 25 | 29 ¹² 12 | 28 ⁴⁷ 47 | 5 ²² 22 | 1 ² 2 | 7 ⁰ 0 | 9 ⁵⁷ 57 | 22 ⁵⁸ 58 | 26 ¹⁹ 19 | 13 ²¹ 21 | 14 ³³ 33 | 3 ⁴¹ 41 | n.a. |
| T 29 | 11 2 15 | 17 ²⁶ 55 | 17 ⁷ 7 | 28 ⁵⁹ 59 | 0 ¹ 0 | 5 ⁵⁸ 58 | 1 ¹⁶ 16 | 7 ⁷ 7 | 10 ¹ 1 | 22 ⁵⁷ 57 | 26 ¹⁹ 19 | 13 ¹⁸ 18 | 14 ³⁰ 30 | 3 ⁴⁷ 47 | n.a. |
| W 30 | 11 6 11 | 18 ²⁴ 25 | 0 ³⁶ 36 | 28 ⁴² 42 | 1 ¹⁴ 14 | 6 ³⁴ 34 | 1 ³⁰ 30 | 7 ¹⁵ 15 | 10 ⁴ 4 | 22 ⁵⁶ 56 | 26 ²⁰ 20 | 13 ¹⁴ 14 | 14 ²⁷ 27 | 3 ⁵⁴ 54 | n.a. |
| T 31 | 11 10 8 | 19 ²¹ 54 | 13 ⁴⁹ 49 | 28 ²¹ 21 | 2 ¹ 27 | 7 ¹⁰ 10 | 1 ⁴³ 43 | 7 ²³ 23 | 10 ¹ 7 | 22 ⁵⁵ 55 | 26 ²¹ 21 | 13 ¹¹ 11 | 14 ²⁴ 24 | 4 ¹ 1 | n.a. |

Delta T = 17h21m49s Julian Calendar 1 March 2509 BCE == Greg. Calendar 9 Feb. 2509 BCE
 The year -2508 astronomical counting style corresponds to year 2509 B.C.E historical counting style.

APRIL 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♁ | ♂ | ♁ | ♃ | ♄ |
|------|----------|------------------------|---------------------|-----------------------|---------------------|---------------------|--------------------|--------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|--------------------|------|
| F 1 | 11 14 5 | 20 ¹⁹ 19'21 | 26 ⁴⁷ 47 | 27 ^{R56} R56 | 3 ¹ 41 | 7 ⁴⁶ 46 | 1 ⁵⁷ 57 | 7 ³¹ 31 | 10 ¹¹ 11 | 22 ^{R55} R55 | 26 ²² 22 | 13 ^{R9} R9 | 14 ²⁰ 20 | 4 ¹¹ 11 | n.a. |
| S 2 | 11 18 1 | 21 ¹⁶ 47 | 9 ¹⁹ 19 | 27 ²⁹ 29 | 4 ⁵⁴ 54 | 8 ²² 22 | 2 ¹¹ 11 | 7 ³⁹ 39 | 10 ¹⁴ 14 | 22 ⁵⁴ 54 | 26 ²³ 23 | 13 ^{D8} D8 | 14 ¹⁷ 17 | 4 ¹⁴ 14 | n.a. |
| S 3 | 11 21 58 | 22 ¹⁴ 12 | 21 ⁵⁵ 55 | 26 ⁵⁹ 59 | 6 ⁸ 8 | 8 ⁵⁹ 59 | 2 ²⁵ 25 | 7 ⁴⁶ 46 | 10 ¹⁷ 17 | 22 ⁵³ 53 | 26 ²³ 23 | 13 ⁸ 8 | 14 ¹⁴ 14 | 4 ²¹ 21 | n.a. |
| M 4 | 11 25 54 | 23 ¹¹ 36 | 4 ⁸ 7 | 26 ²⁷ 27 | 7 ²¹ 21 | 9 ³⁵ 35 | 2 ³⁹ 39 | 7 ⁵⁴ 54 | 10 ²¹ 21 | 22 ⁵³ 53 | 26 ²⁴ 24 | 13 ⁹ 9 | 14 ¹¹ 11 | 4 ²⁸ 28 | n.a. |
| T 5 | 11 29 51 | 24 ⁸ 58 | 16 ⁹ 9 | 25 ⁵⁴ 54 | 8 ³⁵ 35 | 10 ¹¹ 11 | 2 ⁵² 52 | 8 ² 2 | 10 ²⁴ 24 | 22 ⁵² 52 | 26 ²⁵ 25 | 13 ¹¹ 11 | 14 ⁸ 8 | 4 ³⁴ 34 | n.a. |
| W 6 | 11 33 47 | 25 ⁶ 19 | 28 ³ 3 | 25 ²⁰ 20 | 9 ⁴⁸ 48 | 10 ⁴⁷ 47 | 3 ⁶ 6 | 8 ¹⁰ 10 | 10 ²⁸ 28 | 22 ⁵² 52 | 26 ²⁶ 26 | 13 ¹² 12 | 14 ⁵ 5 | 4 ⁴¹ 41 | n.a. |
| T 7 | 11 37 44 | 26 ³ 39 | 9 ¹¹ 54 | 24 ⁴⁶ 46 | 11 ² 2 | 11 ²⁴ 24 | 3 ²⁰ 20 | 8 ¹⁷ 17 | 10 ³¹ 31 | 22 ⁵¹ 51 | 26 ²⁷ 27 | 13 ¹³ 13 | 14 ¹ 1 | 4 ⁴⁸ 48 | n.a. |
| F 8 | 11 41 40 | 27 ⁰ 57 | 21 ⁴⁷ 47 | 24 ¹² 12 | 12 ¹⁵ 15 | 12 ⁰ 0 | 3 ³³ 33 | 8 ²⁵ 25 | 10 ³⁵ 35 | 22 ⁵¹ 51 | 26 ²⁸ 28 | 13 ^{R14} R14 | 13 ⁵⁸ 58 | 4 ⁵⁴ 54 | n.a. |
| S 9 | 11 45 37 | 27 ⁵⁸ 14 | 3 ⁴⁶ 46 | 23 ³⁹ 39 | 13 ²⁸ 28 | 12 ³⁷ 37 | 3 ⁴⁷ 47 | 8 ³³ 33 | 10 ³⁸ 38 | 22 ⁵⁰ 50 | 26 ²⁹ 29 | 13 ¹⁴ 14 | 13 ⁵⁵ 55 | 5 ¹ 1 | n.a. |
| S 10 | 11 49 34 | 28 ⁵⁵ 30 | 15 ⁵⁵ 55 | 23 ⁷ 7 | 14 ⁴² 42 | 13 ¹³ 13 | 4 ⁰ 0 | 8 ⁴⁰ 40 | 10 ⁴² 42 | 22 ⁵⁰ 50 | 26 ³⁰ 30 | 13 ¹³ 13 | 13 ⁵² 52 | 5 ⁸ 8 | n.a. |
| M 11 | 11 53 30 | 29 ⁵² 45 | 28 ²⁰ 20 | 22 ³⁸ 38 | 15 ⁵⁵ 55 | 13 ⁴⁹ 49 | 4 ¹⁴ 14 | 8 ⁴⁸ 48 | 10 ⁴⁵ 45 | 22 ⁴⁹ 49 | 26 ³¹ 31 | 13 ¹² 12 | 13 ⁴⁹ 49 | 5 ¹⁴ 14 | n.a. |
| T 12 | 11 57 27 | 0 ¹ 49'58 | 11 ¹² 12 | 22 ¹¹ 11 | 17 ⁸ 8 | 14 ²⁶ 26 | 4 ²⁷ 27 | 8 ⁵⁵ 55 | 10 ⁴⁹ 49 | 22 ⁴⁹ 49 | 26 ³² 32 | 13 ¹¹ 11 | 13 ⁴⁵ 45 | 5 ²¹ 21 | n.a. |
| W 13 | 12 1 23 | 1 ⁴⁷ 10 | 24 ⁷ 7 | 21 ⁴⁷ 47 | 18 ²² 22 | 15 ² 2 | 4 ⁴⁰ 40 | 9 ³ 3 | 10 ⁵² 52 | 22 ⁴⁸ 48 | 26 ³³ 33 | 13 ⁹ 9 | 13 ⁴² 42 | 5 ²⁸ 28 | n.a. |
| T 14 | 12 5 20 | 2 ⁴⁴ 21 | 7 ³³ 33 | 21 ²⁶ 26 | 19 ³⁵ 35 | 15 ³⁹ 39 | 4 ⁵⁴ 54 | 9 ¹⁰ 10 | 10 ⁵⁶ 56 | 22 ⁴⁸ 48 | 26 ³⁴ 34 | 13 ⁸ 8 | 13 ³⁹ 39 | 5 ³⁴ 34 | n.a. |
| F 15 | 12 9 16 | 3 ⁴¹ 31 | 21 ²¹ 21 | 21 ⁹ 9 | 20 ⁴⁸ 48 | 16 ¹⁵ 15 | 5 ⁷ 7 | 9 ¹⁸ 18 | 10 ⁵⁹ 59 | 22 ⁴⁸ 48 | 26 ³⁵ 35 | 13 ⁷ 7 | 13 ³⁶ 36 | 5 ⁴¹ 41 | n.a. |
| S 16 | 12 13 13 | 4 ³⁸ 41 | 5 ²⁸ 28 | 20 ⁵⁶ 56 | 22 ² 2 | 16 ⁵² 52 | 5 ²⁰ 20 | 9 ²⁵ 25 | 11 ³ 3 | 22 ⁴⁷ 47 | 26 ³⁶ 36 | 13 ⁶ 6 | 13 ³³ 33 | 5 ⁴⁸ 48 | n.a. |
| S 17 | 12 17 9 | 5 ³⁵ 49 | 19 ⁵⁰ 50 | 20 ⁴⁷ 47 | 23 ¹⁵ 15 | 17 ²⁸ 28 | 5 ³⁴ 34 | 9 ³³ 33 | 11 ⁶ 6 | 22 ⁴⁷ 47 | 26 ³⁷ 37 | 13 ^{D6} D6 | 1 | | |

SWISS EPHEMERIS for the year 2509 BCE

MAY 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-----------|---------|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|------|---|---|---|---|---|---|---|---|
| S 1 | 13 12 21 | 18°55'06 | 08°20 | 26°25 | 10°18 | 26°02 | 8°33 | 11°12 | 11°56 | 22°47 | 26°55 | 13°R 8 | 12°45 | 7°II28 | n.a. | | | | | | | | |
| M 2 | 13 16 18 | 19°52'09 | 12°25 | 27°21 | 11°31 | 26°39 | 8°45 | 11°19 | 11°59 | 22°47 | 26°56 | 13°R 8 | 12°42 | 7°35 | n.a. | | | | | | | | |
| T 3 | 13 20 14 | 20°49'12 | 24°22 | 28°20 | 12°44 | 27°16 | 8°57 | 11°26 | 12° 3 | 22°48 | 26°57 | 13° 7 | 12°39 | 7°42 | n.a. | | | | | | | | |
| W 4 | 13 24 11 | 21°46'15 | 6°II15 | 29°24 | 13°57 | 27°53 | 9° 9 | 11°33 | 12° 6 | 22°48 | 26°59 | 13° 6 | 12°36 | 7°48 | n.a. | | | | | | | | |
| T 5 | 13 28 7 | 22°43'17 | 18° 5 | 0°Y31 | 15°10 | 28°30 | 9°21 | 11°39 | 12°10 | 22°48 | 27° 0 | 13° 5 | 12°32 | 7°55 | n.a. | | | | | | | | |
| F 6 | 13 32 4 | 23°40'19 | 29°58 | 1°42 | 16°23 | 29° 7 | 9°34 | 11°46 | 12°13 | 22°49 | 27° 2 | 13° 3 | 12°29 | 8° 2 | n.a. | | | | | | | | |
| S 7 | 13 36 0 | 24°37'21 | 11°56 | 2°57 | 17°36 | 29°44 | 9°45 | 11°53 | 12°17 | 22°49 | 27° 3 | 13° 3 | 12°26 | 8° 9 | n.a. | | | | | | | | |
| S 8 | 13 39 57 | 25°34'22 | 24° 4 | 4°15 | 18°49 | 0°II21 | 9°57 | 11°59 | 12°20 | 22°49 | 27° 5 | 13°D 2 | 12°23 | 8°15 | n.a. | | | | | | | | |
| M 9 | 13 43 54 | 26°31'23 | 6°R26 | 5°37 | 20° 2 | 0°58 | 10° 9 | 12° 5 | 12°24 | 22°50 | 27° 6 | 13° 2 | 12°20 | 8°22 | n.a. | | | | | | | | |
| T 10 | 13 47 50 | 27°28'24 | 19° 6 | 7° 2 | 21°15 | 1°36 | 10°21 | 12°12 | 12°27 | 22°50 | 27° 7 | 13° 3 | 12°16 | 8°29 | n.a. | | | | | | | | |
| W11 | 13 51 47 | 28°25'25 | 2°II 9 | 8°31 | 22°28 | 2°13 | 10°33 | 12°18 | 12°31 | 22°51 | 27° 9 | 13° 4 | 12°13 | 8°35 | n.a. | | | | | | | | |
| T 12 | 13 55 43 | 29°22'25 | 15°37 | 10° 3 | 23°40 | 2°50 | 10°44 | 12°24 | 12°34 | 22°51 | 27°10 | 13° 6 | 12°10 | 8°42 | n.a. | | | | | | | | |
| F 13 | 13 59 40 | 0°R19'25 | 29°31 | 11°39 | 24°53 | 3°27 | 10°56 | 12°31 | 12°37 | 22°52 | 27°12 | 13° 6 | 12° 7 | 8°49 | n.a. | | | | | | | | |
| S 14 | 14 3 36 | 1°16'25 | 13°R49 | 13°17 | 26° 6 | 4° 4 | 11° 7 | 12°37 | 12°41 | 22°53 | 27°13 | 13°R 7 | 12° 4 | 8°55 | n.a. | | | | | | | | |
| S 15 | 14 7 33 | 2°13'26 | 28°28 | 14°59 | 27°19 | 4°41 | 11°18 | 12°43 | 12°44 | 22°53 | 27°15 | 13° 6 | 12° 1 | 9° 2 | n.a. | | | | | | | | |
| M16 | 14 11 29 | 3°10'26 | 13°II22 | 16°45 | 28°31 | 5°19 | 11°30 | 12°49 | 12°48 | 22°54 | 27°16 | 13° 5 | 11°57 | 9° 9 | n.a. | | | | | | | | |
| T 17 | 14 15 26 | 4° 7'27 | 28°23 | 18°33 | 29°44 | 5°56 | 11°41 | 12°55 | 12°51 | 22°55 | 27°18 | 13° 3 | 11°54 | 9°16 | n.a. | | | | | | | | |
| W18 | 14 19 22 | 5° 4'28 | 13°R21 | 20°24 | 0°II57 | 6°33 | 11°52 | 13° 1 | 12°54 | 22°55 | 27°20 | 13° 0 | 11°51 | 9°22 | n.a. | | | | | | | | |
| T 19 | 14 23 19 | 6° 1'30 | 28°10 | 22°18 | 2° 9 | 7°11 | 12° 3 | 13° 7 | 12°58 | 22°56 | 27°21 | 12°57 | 11°48 | 9°29 | n.a. | | | | | | | | |
| F 20 | 14 27 16 | 6°58'33 | 12°R42 | 24°15 | 3°22 | 7°48 | 12°14 | 13°12 | 13° 1 | 22°57 | 27°23 | 12°55 | 11°45 | 9°36 | n.a. | | | | | | | | |
| S 21 | 14 31 12 | 7°55'36 | 26°53 | 26°13 | 4°35 | 8°25 | 12°24 | 13°18 | 13° 4 | 22°58 | 27°24 | 12°53 | 11°42 | 9°42 | n.a. | | | | | | | | |
| S 22 | 14 35 9 | 8°52'40 | 10°R42 | 28°14 | 5°47 | 9° 3 | 12°35 | 13°24 | 13° 8 | 22°59 | 27°26 | 12°D53 | 11°38 | 9°49 | n.a. | | | | | | | | |
| M23 | 14 39 5 | 9°49'44 | 24° 9 | 0°R17 | 7° 0 | 9°40 | 12°46 | 13°29 | 13°11 | 23° 0 | 27°27 | 12°54 | 11°35 | 9°56 | n.a. | | | | | | | | |
| T 24 | 14 43 2 | 10°46'50 | 7°R15 | 2°22 | 8°12 | 10°18 | 12°56 | 13°35 | 13°14 | 23° 0 | 27°29 | 12°55 | 11°32 | 10° 2 | n.a. | | | | | | | | |
| W25 | 14 46 58 | 11°43'56 | 20° 3 | 4°28 | 9°25 | 10°55 | 13° 6 | 13°40 | 13°17 | 23° 1 | 27°31 | 12°57 | 11°29 | 10° 9 | n.a. | | | | | | | | |
| T 26 | 14 50 55 | 12°41'02 | 2°Y35 | 6°35 | 10°37 | 11°33 | 13°17 | 13°46 | 13°21 | 23° 2 | 27°32 | 12°58 | 11°26 | 10°16 | n.a. | | | | | | | | |
| F 27 | 14 54 51 | 13°38'10 | 14°56 | 8°42 | 11°50 | 12°10 | 13°27 | 13°51 | 13°24 | 23° 3 | 27°34 | 12°R58 | 11°22 | 10°23 | n.a. | | | | | | | | |
| S 28 | 14 58 48 | 14°35'18 | 27° 6 | 10°51 | 13° 2 | 12°48 | 13°37 | 13°56 | 13°27 | 23° 4 | 27°36 | 12°57 | 11°19 | 10°29 | n.a. | | | | | | | | |
| S 29 | 15 2 45 | 15°32'27 | 9°R 9 | 12°59 | 14°15 | 13°25 | 13°47 | 14° 1 | 13°30 | 23° 5 | 27°37 | 12°55 | 11°16 | 10°36 | n.a. | | | | | | | | |
| M30 | 15 6 41 | 16°29'37 | 21° 6 | 15° 7 | 15°27 | 14° 3 | 13°57 | 14° 6 | 13°33 | 23° 7 | 27°39 | 12°51 | 11°13 | 10°43 | n.a. | | | | | | | | |
| T 31 | 15 10 38 | 17°R26'48 | 2°II59 | 17°R15 | 16°II40 | 14°II41 | 14°R 6 | 14°R11 | 13°Y36 | 23°R 8 | 27°R40 | 12°R45 | 11°R10 | 10°II49 | n.a. | | | | | | | | |

Delta T = 17h21m44s Julian Calendar 1 May 2509 BCE == Greg. Calendar 10 Apr. 2509 BCE
 The year -2508 astronomical counting style corresponds to year 2509 B.C.E historical counting style.

JUNE 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|------------|---------|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|---------|------|---|---|---|---|---|---|---|---|
| W 1 | 15 14 34 | 18°R23'59 | 14°II50 | 19°R22 | 17°II52 | 15°II18 | 14°R16 | 14°R16 | 13°Y39 | 23°R 9 | 27°R42 | 12°R39 | 11°R 7 | 10°II56 | n.a. | | | | | | | | |
| T 2 | 15 18 31 | 19°21'11 | 26°41 | 21°28 | 19° 4 | 15°56 | 14°26 | 14°21 | 13°42 | 23°10 | 27°44 | 12°R33 | 11° 3 | 11° 3 | n.a. | | | | | | | | |
| F 3 | 15 22 27 | 20°18'24 | 8°R34 | 23°34 | 20°17 | 16°34 | 14°35 | 14°26 | 13°45 | 23°11 | 27°45 | 12°26 | 11° 0 | 11° 9 | n.a. | | | | | | | | |
| S 4 | 15 26 24 | 21°15'37 | 20°32 | 25°38 | 21°29 | 17°12 | 14°44 | 14°30 | 13°48 | 23°12 | 27°47 | 12°21 | 10°57 | 11°16 | n.a. | | | | | | | | |
| S 5 | 15 30 20 | 22°12'51 | 2°R39 | 27°41 | 22°41 | 17°49 | 14°53 | 14°35 | 13°51 | 23°14 | 27°49 | 12°18 | 10°54 | 11°23 | n.a. | | | | | | | | |
| M 6 | 15 34 17 | 23°10'06 | 14°59 | 29°42 | 23°53 | 18°27 | 15° 2 | 14°40 | 13°54 | 23°15 | 27°50 | 12°16 | 10°51 | 11°30 | n.a. | | | | | | | | |
| T 7 | 15 38 14 | 24° 7'22 | 27°36 | 1°II43 | 25° 5 | 19° 5 | 15°11 | 14°44 | 13°57 | 23°16 | 27°52 | 12°D16 | 10°47 | 11°36 | n.a. | | | | | | | | |
| W 8 | 15 42 10 | 25° 4'38 | 10°II33 | 3°41 | 26°18 | 19°43 | 15°20 | 14°48 | 14° 0 | 23°18 | 27°54 | 12°16 | 10°44 | 11°43 | n.a. | | | | | | | | |
| T 9 | 15 46 7 | 26° 1'54 | 23°55 | 5°39 | 27°30 | 20°21 | 15°29 | 14°53 | 14° 3 | 23°19 | 27°55 | 12°18 | 10°41 | 11°50 | n.a. | | | | | | | | |
| F 10 | 15 50 3 | 26°59'12 | 7°R45 | 7°34 | 28°42 | 20°59 | 15°37 | 14°57 | 14° 6 | 23°20 | 27°57 | 12°R19 | 10°38 | 11°56 | n.a. | | | | | | | | |
| S 11 | 15 54 0 | 27°56'30 | 22° 2 | 9°28 | 29°54 | 21°37 | 15°46 | 15° 1 | 14° 9 | 23°22 | 27°59 | 12°18 | 10°35 | 12° 3 | n.a. | | | | | | | | |
| S 12 | 15 57 56 | 28°53'50 | 6°R45 | 11°21 | 1°R 6 | 22°15 | 15°54 | 15° 5 | 14°11 | 23°23 | 28° 0 | 12°16 | 10°32 | 12°10 | n.a. | | | | | | | | |
| M13 | 16 1 53 | 29°51'10 | 21°48 | 13°12 | 2°18 | 22°53 | 16° 2 | 15° 9 | 14°14 | 23°25 | 28° 2 | 12°12 | 10°28 | 12°17 | n.a. | | | | | | | | |
| T 14 | 16 5 49 | 0°II48'32 | 7°R 2 | 15° 1 | 3°30 | 23°31 | 16°10 | 15°12 | 14°17 | 23°26 | 28° 4 | 12° 6 | 10°25 | 12°23 | n.a. | | | | | | | | |
| W15 | 16 9 46 | 1°45'55 | 22°18 | 16°49 | 4°42 | 24° 9 | 16°18 | 15°16 | 14°19 | 23°28 | 28° 5 | 11°59 | 10°22 | 12°30 | n.a. | | | | | | | | |
| T 16 | 16 13 43 | 2°43'19 | 7°R25 | 18°35 | 5°54 | 24°47 | 16°25 | 15°20 | 14°22 | 23°29 | 28° 7 | 11°52 | 10°19 | 12°37 | n.a. | | | | | | | | |
| F 17 | 16 17 39 | 3°40'45 | 22°13 | 20°19 | 7° 5 | 25°25 | 16°33 | 15°23 | 14°25 | 23°31 | 28° 9 | 11°45 | 10°16 | 12°43 | n.a. | | | | | | | | |
| S 18 | 16 21 36 | 4°38'12 | 6°R36 | 22° 2 | 8°17 | 26° 3 | 16°41 | 15°27 | 14°27 | 23°33 | 28°10 | 11°40 | 10°13 | 12°50 | n.a. | | | | | | | | |
| S 19 | 16 25 32 | 5°35'41 | 20°31 | 23°43 | 9°29 | 26°42 | 16°48 | 15°30 | 14°30 | 23°34 | 28°12 | 11°37 | 10° 9 | 12°57 | n.a. | | | | | | | | |
| M20 | 16 29 29 | 6°33'11 | 3°R58 | 25°23 | 10°41 | 27°20 | 16°55 | 15°33 | 14°32 | 23°36 | 28°14 | 11°D36 | 10° 6 | 13° 4 | n.a. | | | | | | | | |
| T 21 | 16 33 25 | 7°30'43 | 17° 0 | 27° 1 | 11°52 | 27°58 | 17° 2 | 15°36 | 14°35 | 23°37 | 28°15 | 11°36 | 10° 3 | 13°10 | n.a. | | | | | | | | |
| W22 | 16 37 22 | 8°28'17 | 29°40 | 28°38 | 13° 4 | 28°36 | 17° 9 | 15°39 | 14°37 | 23°39 | 28°17 | 11°37 | 10° 0 | 13°17 | n.a. | | | | | | | | |
| T 23 | 16 41 18 | 9°25'52 | 12°Y 3 | 0°R13 | 14°16 | 29°15 | 17°15 | 15°42 | 14°39 | 23°41 | 28°19 | 11°R38 | 9°57 | 13°24 | n.a. | | | | | | | | |
| F 24 | 16 45 15 | 10°23'29 | 24°13 | 1°47 | 15°27 | 29°53 | 17°22 | 15°45 | 14°42 | 23°43 | 28°20 | 11°37 | 9°53 | 13°30 | n.a. | | | | | | | | |
| S 25 | 16 49 12 | 11°21'08 | 6°R14 | 3°19 | 16°39 | 0°R31 | 17°28 | 15°48 | 14°44 | 23°44 | 28°22 | 11°34 | 9°50 | 13°37 | n.a. | | | | | | | | |
| S 26 | 16 53 8 | 12°18'49 | 18° 9 | 4°49 | 17°50 | 1°10 | 17°35 | 15°51 | 14°46 | 23°46 | 28°24 | 11°29 | 9°47 | 13°44 | n.a. | | | | | | | | |
| M27 | 16 57 5 | 13°16'31 | 0°II 1 | 6°18 | 19° 2 | 1°48 | 17°41 | 15°53 | 14°49 | 23°48 | 28°25 | 11°21 | 9°44 | 13°50 | n.a. | | | | | | | | |
| T 28 | 17 1 1 | 14°14'15 | 11°51 | 7°45 | 20°13 | 2°27 | 17°47 | 15°56 | 14°51 | 23°50 | 28°27 | 11°10 | 9°41 | 13°57 | n.a. | | | | | | | | |
| W29 | 17 4 58 | 15°12'01 | 23°43 | 9°11 | 21°25 | 3° 5 | 17°52 | 15°58 | 14°53 | 23°51 | 28°28 | 10°59 | 9°38 | 14° 4 | n.a. | | | | | | | | |
| T 30 | 17 8 54 | 16°II 9'48 | 5°R36 | 10°R35 | 22°R36 | 3°R44 | 17°R58 | 16°R 0 | 14°Y55 | 23°R53 | 28°R30 | 10°R46 | 9°R34 | 14°II11 | n.a. | | | | | | | | |

Delta T = 17h21m41s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 2509 BCE

JULY 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|-----------|-------|-------|-------|-------|--------|--------|-------|-------|-------|--------|------|--------|------|---|---|---|---|---|---|---|---|
| F 1 | 17 12 51 | 17II 7'36 | 17☾33 | 11☽57 | 23☾47 | 4☽23 | 18♁ 3 | 16♁ 2 | 14♁57 | 23☾55 | 28♁32 | 10°R35 | 9♁31 | 14II17 | n.a. | | | | | | | | |
| S 2 | 17 16 47 | 18° 5'27 | 29°36 | 13°18 | 24°59 | 5° 1 | 18° 9 | 16° 4 | 14°59 | 23°57 | 28°33 | 10♁24 | 9°28 | 14°24 | n.a. | | | | | | | | |
| S 3 | 17 20 44 | 19° 3'18 | 11♁47 | 14°37 | 26°10 | 5°40 | 18°14 | 16° 6 | 15° 1 | 23°59 | 28°35 | 10°16 | 9°25 | 14°31 | n.a. | | | | | | | | |
| M 4 | 17 24 41 | 20° 1'11 | 24° 8 | 15°54 | 27°21 | 6°19 | 18°19 | 16° 8 | 15° 3 | 24° 1 | 28°36 | 10°11 | 9°22 | 14°37 | n.a. | | | | | | | | |
| T 5 | 17 28 37 | 20°59'06 | 6♁44 | 17° 9 | 28°32 | 6°57 | 18°23 | 16°10 | 15° 5 | 24° 3 | 28°38 | 10° 8 | 9°19 | 14°44 | n.a. | | | | | | | | |
| W 6 | 17 32 34 | 21°57'02 | 19°37 | 18°23 | 29°43 | 7°36 | 18°28 | 16°11 | 15° 7 | 24° 5 | 28°40 | 10°D 7 | 9°15 | 14°51 | n.a. | | | | | | | | |
| T 7 | 17 36 30 | 22°55'00 | 2♁53 | 19°34 | 0♁54 | 8°15 | 18°32 | 16°13 | 15° 9 | 24° 7 | 28°41 | 10°R 8 | 9°12 | 14°58 | n.a. | | | | | | | | |
| F 8 | 17 40 27 | 23°52'59 | 16°33 | 20°44 | 2° 5 | 8°54 | 18°37 | 16°14 | 15°10 | 24° 9 | 28°43 | 10° 8 | 9° 9 | 15° 4 | n.a. | | | | | | | | |
| S 9 | 17 44 23 | 24°51'00 | 0♁40 | 21°51 | 3°16 | 9°33 | 18°41 | 16°16 | 15°12 | 24°11 | 28°44 | 10° 6 | 9° 6 | 15°11 | n.a. | | | | | | | | |
| S 10 | 17 48 20 | 25°49'02 | 15°14 | 22°56 | 4°26 | 10°12 | 18°44 | 16°17 | 15°14 | 24°13 | 28°46 | 10° 3 | 9° 3 | 15°18 | n.a. | | | | | | | | |
| M11 | 17 52 16 | 26°47'06 | 0♁11 | 23°58 | 5°37 | 10°51 | 18°48 | 16°18 | 15°16 | 24°15 | 28°47 | 9°57 | 8°59 | 15°24 | n.a. | | | | | | | | |
| T 12 | 17 56 13 | 27°45'12 | 15°23 | 24°58 | 6°48 | 11°30 | 18°52 | 16°19 | 15°17 | 24°17 | 28°49 | 9°48 | 8°56 | 15°31 | n.a. | | | | | | | | |
| W13 | 18 0 10 | 28°43'20 | 0♁42 | 25°55 | 7°58 | 12° 9 | 18°55 | 16°20 | 15°19 | 24°19 | 28°50 | 9°38 | 8°53 | 15°38 | n.a. | | | | | | | | |
| T 14 | 18 4 6 | 29°41'30 | 15°55 | 26°50 | 9° 9 | 12°48 | 18°58 | 16°20 | 15°20 | 24°21 | 28°52 | 9°27 | 8°50 | 15°45 | n.a. | | | | | | | | |
| F 15 | 18 8 3 | 0☽39'41 | 0♁51 | 27°41 | 10°19 | 13°27 | 19° 1 | 16°21 | 15°22 | 24°23 | 28°53 | 9°17 | 8°47 | 15°51 | n.a. | | | | | | | | |
| S 16 | 18 11 59 | 1°37'55 | 15°24 | 28°30 | 11°30 | 14° 6 | 19° 4 | 16°22 | 15°23 | 24°25 | 28°55 | 9° 9 | 8°44 | 15°58 | n.a. | | | | | | | | |
| S 17 | 18 15 56 | 2°36'11 | 29°27 | 29°15 | 12°40 | 14°45 | 19° 6 | 16°22 | 15°24 | 24°27 | 28°56 | 9° 3 | 8°40 | 16° 5 | n.a. | | | | | | | | |
| M18 | 18 19 52 | 3°34'29 | 13♁ 0 | 29°56 | 13°50 | 15°24 | 19° 9 | 16°22 | 15°26 | 24°29 | 28°58 | 9° 0 | 8°37 | 16°11 | n.a. | | | | | | | | |
| T 19 | 18 23 49 | 4°32'50 | 26° 5 | 0♁33 | 15° 1 | 16° 3 | 19°11 | 16°23 | 15°27 | 24°31 | 28°59 | 8°59 | 8°34 | 16°18 | n.a. | | | | | | | | |
| W20 | 18 27 45 | 5°31'12 | 8♁46 | 1° 7 | 16°11 | 16°43 | 19°13 | 16°R23 | 15°28 | 24°33 | 29° 0 | 8°59 | 8°31 | 16°25 | n.a. | | | | | | | | |
| T 21 | 18 31 42 | 6°29'37 | 21° 7 | 1°35 | 17°21 | 17°22 | 19°15 | 16°23 | 15°29 | 24°36 | 29° 2 | 8°59 | 8°28 | 16°32 | n.a. | | | | | | | | |
| F 22 | 18 35 39 | 7°28'05 | 3♁13 | 2° 0 | 18°31 | 18° 1 | 19°16 | 16°22 | 15°30 | 24°38 | 29° 3 | 8°57 | 8°25 | 16°38 | n.a. | | | | | | | | |
| S 23 | 18 39 35 | 8°26'35 | 15°10 | 2°19 | 19°41 | 18°41 | 19°18 | 16°22 | 15°31 | 24°40 | 29° 4 | 8°53 | 8°21 | 16°45 | n.a. | | | | | | | | |
| S 24 | 18 43 32 | 9°25'07 | 27° 2 | 2°32 | 20°51 | 19°20 | 19°19 | 16°22 | 15°32 | 24°42 | 29° 6 | 8°47 | 8°18 | 16°52 | n.a. | | | | | | | | |
| M25 | 18 47 28 | 10°23'41 | 8II52 | 2°40 | 22° 0 | 20° 0 | 19°20 | 16°21 | 15°33 | 24°44 | 29° 7 | 8°37 | 8°15 | 16°58 | n.a. | | | | | | | | |
| T 26 | 18 51 25 | 11°22'18 | 20°43 | 2°R42 | 23°10 | 20°39 | 19°21 | 16°21 | 15°34 | 24°46 | 29° 8 | 8°25 | 8°12 | 17° 5 | n.a. | | | | | | | | |
| W27 | 18 55 21 | 12°20'57 | 2☽37 | 2°38 | 24°20 | 21°19 | 19°21 | 16°20 | 15°35 | 24°49 | 29°10 | 8°12 | 8° 9 | 17°12 | n.a. | | | | | | | | |
| T 28 | 18 59 18 | 13°19'38 | 14°37 | 2°27 | 25°29 | 21°58 | 19°22 | 16°19 | 15°36 | 24°51 | 29°11 | 7°57 | 8° 5 | 17°19 | n.a. | | | | | | | | |
| F 29 | 19 3 14 | 14°18'22 | 26°42 | 2° 9 | 26°39 | 22°38 | 19°22 | 16°18 | 15°37 | 24°53 | 29°12 | 7°43 | 8° 2 | 17°25 | n.a. | | | | | | | | |
| S 30 | 19 7 11 | 15°17'07 | 8♁55 | 1°44 | 27°48 | 23°18 | 19°R22 | 16°17 | 15°37 | 24°55 | 29°14 | 7°31 | 7°59 | 17°32 | n.a. | | | | | | | | |
| S 31 | 19 11 8 | 16☽15'54 | 21♁15 | 1♁13 | 28♁57 | 23☽57 | 19♁22 | 16♁16 | 15♁38 | 24☽57 | 29♁15 | 7♁22 | 7♁56 | 17II39 | n.a. | | | | | | | | |

Delta T = 17h21m39s Julian Calendar 1 July 2509 BCE == Greg. Calendar 10 June 2509 BCE

The year -2508 astronomical counting style corresponds to year 2509 B.C.E historical counting style.

AUGUST 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|----------|----------|-------|--------|-------|-------|--------|--------|--------|-------|-------|-------|------|--------|------|---|---|---|---|---|---|---|---|
| M 1 | 19 15 4 | 17☽14'44 | 3♁46 | 0°R34 | 0♁ 6 | 24☽37 | 19°R21 | 16°R15 | 15°V39 | 25☽ 0 | 29♁16 | 7°R15 | 7♁53 | 17II45 | n.a. | | | | | | | | |
| T 2 | 19 19 1 | 18°13'35 | 16°28 | 29☽49 | 1°15 | 25°17 | 19♁21 | 16♁14 | 15°39 | 25° 2 | 29°17 | 7♁11 | 7°50 | 17°52 | n.a. | | | | | | | | |
| W 3 | 19 22 57 | 19°12'28 | 29°25 | 28°58 | 2°24 | 25°57 | 19°20 | 16°12 | 15°40 | 25° 4 | 29°18 | 7°10 | 7°46 | 17°59 | n.a. | | | | | | | | |
| T 4 | 19 26 54 | 20°11'24 | 12♁39 | 28° 1 | 3°33 | 26°37 | 19°19 | 16°11 | 15°40 | 25° 6 | 29°19 | 7°D10 | 7°43 | 18° 6 | n.a. | | | | | | | | |
| F 5 | 19 30 50 | 21°10'21 | 26°13 | 27° 0 | 4°42 | 27°16 | 19°18 | 16° 9 | 15°41 | 25° 9 | 29°21 | 7°R10 | 7°40 | 18°12 | n.a. | | | | | | | | |
| S 6 | 19 34 47 | 22° 9'20 | 10♁ 9 | 25°55 | 5°51 | 27°56 | 19°16 | 16° 7 | 15°41 | 25°11 | 29°22 | 7° 9 | 7°37 | 18°19 | n.a. | | | | | | | | |
| S 7 | 19 38 43 | 23° 8'21 | 24°28 | 24°49 | 6°59 | 28°36 | 19°15 | 16° 5 | 15°41 | 25°13 | 29°23 | 7° 5 | 7°34 | 18°26 | n.a. | | | | | | | | |
| M 8 | 19 42 40 | 24° 7'24 | 9♁ 7 | 23°42 | 8° 7 | 29°16 | 19°13 | 16° 3 | 15°41 | 25°15 | 29°24 | 7° 0 | 7°31 | 18°32 | n.a. | | | | | | | | |
| T 9 | 19 46 37 | 25° 6'29 | 24° 3 | 22°37 | 9°16 | 29°56 | 19°11 | 16° 1 | 15°42 | 25°18 | 29°25 | 6°52 | 7°27 | 18°39 | n.a. | | | | | | | | |
| W10 | 19 50 33 | 26° 5'37 | 9♁ 7 | 21°35 | 10°24 | 0♁37 | 19° 9 | 15°59 | 15°42 | 25°20 | 29°26 | 6°42 | 7°24 | 18°46 | n.a. | | | | | | | | |
| T 11 | 19 54 30 | 27° 4'46 | 24°10 | 20°37 | 11°32 | 1°17 | 19° 6 | 15°57 | 15°42 | 25°22 | 29°27 | 6°31 | 7°21 | 18°53 | n.a. | | | | | | | | |
| F 12 | 19 58 26 | 28° 3'58 | 9♁ 1 | 19°46 | 12°40 | 1°57 | 19° 4 | 15°54 | 15°R42 | 25°24 | 29°28 | 6°21 | 7°18 | 18°59 | n.a. | | | | | | | | |
| S 13 | 20 2 23 | 29° 3'11 | 23°33 | 19° 3 | 13°47 | 2°37 | 19° 1 | 15°52 | 15°42 | 25°26 | 29°29 | 6°13 | 7°15 | 19° 6 | n.a. | | | | | | | | |
| S 14 | 20 6 19 | 0♁ 2'28 | 7♁39 | 18°29 | 14°55 | 3°17 | 18°58 | 15°49 | 15°42 | 25°29 | 29°30 | 6° 8 | 7°11 | 19°13 | n.a. | | | | | | | | |
| M15 | 20 10 16 | 1° 1'46 | 21°16 | 18° 4 | 16° 3 | 3°58 | 18°55 | 15°47 | 15°42 | 25°31 | 29°31 | 6° 4 | 7° 8 | 19°19 | n.a. | | | | | | | | |
| T 16 | 20 14 12 | 2° 1'07 | 4♁26 | 17°49 | 17°10 | 4°38 | 18°52 | 15°44 | 15°41 | 25°33 | 29°32 | 6°D 3 | 7° 5 | 19°26 | n.a. | | | | | | | | |
| W17 | 20 18 9 | 3° 0'31 | 17°11 | 17°D46 | 18°17 | 5°18 | 18°48 | 15°41 | 15°41 | 25°35 | 29°33 | 6° 4 | 7° 2 | 19°33 | n.a. | | | | | | | | |
| T 18 | 20 22 6 | 3°59'57 | 29°35 | 17°52 | 19°24 | 5°59 | 18°44 | 15°38 | 15°41 | 25°38 | 29°34 | 6°R 4 | 6°59 | 19°40 | n.a. | | | | | | | | |
| F 19 | 20 26 2 | 4°59'25 | 11♁43 | 18°10 | 20°31 | 6°39 | 18°40 | 15°35 | 15°41 | 25°40 | 29°34 | 6° 4 | 6°56 | 19°46 | n.a. | | | | | | | | |
| S 20 | 20 29 59 | 5°58'56 | 23°40 | 18°37 | 21°38 | 7°20 | 18°36 | 15°32 | 15°40 | 25°42 | 29°35 | 6° 2 | 6°52 | 19°53 | n.a. | | | | | | | | |
| S 21 | 20 33 55 | 6°58'30 | 5II32 | 19°14 | 22°44 | 8° 0 | 18°32 | 15°28 | 15°40 | 25°44 | 29°36 | 5°58 | 6°49 | 20° 0 | n.a. | | | | | | | | |
| M22 | 20 37 52 | 7°58'06 | 17°22 | 19°59 | 23°51 | 8°41 | 18°27 | 15°25 | 15°39 | 25°46 | 29°37 | 5°52 | 6°46 | 20° 7 | n.a. | | | | | | | | |
| T 23 | 20 41 48 | 8°57'44 | 29°16 | 20°53 | 24°57 | 9°22 | 18°23 | 15°22 | 15°39 | 25°49 | 29°38 | 5°43 | 6°43 | 20°13 | n.a. | | | | | | | | |
| W24 | 20 45 45 | 9°57'25 | 11☽15 | 21°54 | 26° 3 | 10° 2 | 18°18 | 15°18 | 15°38 | 25°51 | 29°38 | 5°33 | 6°40 | 20°20 | n.a. | | | | | | | | |
| T 25 | 20 49 41 | 10°57'08 | 23°22 | 23° 2 | 27° 9 | 10°43 | 18°13 | 15°15 | 15°37 | 25°53 | 29°39 | 5°22 | 6°36 | 20°27 | n.a. | | | | | | | | |
| F 26 | 20 53 38 | 11°56'54 | 5♁38 | 24°15 | 28°14 | 11°24 | 18° 8 | 15°11 | 15°37 | 25°55 | 29°40 | 5°12 | 6°33 | 20°33 | n.a. | | | | | | | | |
| S 27 | 20 57 35 | 12°56'42 | 18° 4 | 25°34 | 29°20 | 12° 5 | 18° 2 | 15° 7 | 15°36 | 25°57 | 29°40 | 5° 3 | 6°30 | 20°40 | n.a. | | | | | | | | |
| S 28 | 21 1 31 | 13°56'31 | 0♁41 | 26°57 | 0♁25 | 12°45 | 17°57 | 15° 4 | 15°35 | 26° 0 | 29°41 | 4°56 | 6°27 | 20°47 | n.a. | | | | | | | | |
| M29 | 21 5 28 | 14°56'23 | 13°29 | 28°24 | 1°30 | 13°26 | 17°51 | 15° 0 | 15°34 | 26° 2 | 29°42 | 4°51 | 6°24 | 20°54 | n.a. | | | | | | | | |
| T 30 | 21 9 24 | 15°56'17 | 26°28 | 29°54 | 2°35 | 14° 7 | 17°45 | 14°56 | 15°33 | 26° 4 | 29°42 | 4°49 | 6°21 | 21° 0 | n.a. | | | | | | | | |
| W31 | 21 13 21 | 16♁56'13 | 9♁39 | 1♁26 | 3♁40 | 14♁48 | 17♁39 | 14♁52 | 15♁32 | 26☽ 6 | 29♁43 | 4°D49 | 6♁17 | 21II 7 | n.a. | | | | | | | | |

Delta T = 17h21m36s Julian Calendar

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SWISS EPHEMERIS for the year 2509 BCE

SEPTEMBER 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|------|----------|-----------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|---------------------|--------------------|-------------------|--------------------|------|---|---|---|---|---|---|---|---|--|
| T 1 | 21 17 17 | 17 ^Ω 56'11 | 23 [♋] 2 | 3 [♈] 1 | 4 [♌] 44 | 15 [♍] 29 | 17 [♎] R33 | 14 [♏] R48 | 15 [♐] R31 | 26 [♑] 8 | 29 [♒] 43 | 4 [♓] 50 | 6 [♋] 14 | 21 [♌] 14 | n.a. | | | | | | | | | |
| F 2 | 21 21 14 | 18 [♌] 56'10 | 6 [♍] 40 | 4 [♉] 37 | 5 [♊] 48 | 16 [♋] 10 | 17 [♌] 27 | 14 [♍] 43 | 15 [♎] 30 | 26 [♏] 10 | 29 [♐] 44 | 4 [♑] 51 | 6 [♒] 11 | 21 [♓] 20 | n.a. | | | | | | | | | |
| S 3 | 21 25 10 | 19 [♍] 56'12 | 20 [♎] 33 | 6 [♊] 15 | 6 [♋] 52 | 16 [♌] 51 | 17 [♍] 21 | 14 [♎] 39 | 15 [♏] 29 | 26 [♐] 12 | 29 [♑] 44 | 4 [♒] 51 | 6 [♓] 8 | 21 [♋] 27 | n.a. | | | | | | | | | |
| S 4 | 21 29 7 | 20 [♎] 56'15 | 4 [♊] 40 | 7 [♋] 54 | 7 [♌] 56 | 17 [♍] 33 | 17 [♎] 14 | 14 [♏] 35 | 15 [♐] 28 | 26 [♑] 14 | 29 [♒] 45 | 4 [♓] 50 | 6 [♋] 5 | 21 [♌] 34 | n.a. | | | | | | | | | |
| M 5 | 21 33 4 | 21 [♏] 56'20 | 19 [♎] 2 | 9 [♉] 34 | 9 [♊] 0 | 18 [♋] 14 | 17 [♌] 8 | 14 [♍] 31 | 15 [♎] 27 | 26 [♏] 16 | 29 [♐] 45 | 4 [♑] 48 | 6 [♒] 2 | 21 [♓] 41 | n.a. | | | | | | | | | |
| T 6 | 21 37 0 | 22 [♐] 56'27 | 3 [♋] 34 | 11 [♌] 14 | 10 [♍] 3 | 18 [♎] 55 | 17 [♏] 1 | 14 [♐] 26 | 15 [♑] 26 | 26 [♒] 18 | 29 [♓] 45 | 4 [♋] 43 | 5 [♌] 58 | 21 [♍] 47 | n.a. | | | | | | | | | |
| W 7 | 21 40 57 | 23 [♑] 56'36 | 18 [♌] 12 | 12 [♍] 54 | 11 [♎] 6 | 19 [♏] 36 | 16 [♐] 54 | 14 [♑] 22 | 15 [♒] 24 | 26 [♓] 21 | 29 [♋] 46 | 4 [♌] 37 | 5 [♍] 55 | 21 [♎] 54 | n.a. | | | | | | | | | |
| T 8 | 21 44 53 | 24 [♒] 56'46 | 2 [♍] 50 | 14 [♎] 35 | 12 [♏] 8 | 20 [♐] 18 | 16 [♑] 47 | 14 [♒] 17 | 15 [♓] 23 | 26 [♋] 23 | 29 [♌] 46 | 4 [♍] 31 | 5 [♎] 52 | 22 [♏] 1 | n.a. | | | | | | | | | |
| F 9 | 21 48 50 | 25 [♓] 56'58 | 17 [♎] 20 | 16 [♏] 16 | 13 [♐] 10 | 20 [♑] 59 | 16 [♒] 40 | 14 [♓] 13 | 15 [♋] 22 | 26 [♌] 25 | 29 [♌] 46 | 4 [♍] 25 | 5 [♎] 49 | 22 [♏] 7 | n.a. | | | | | | | | | |
| S 10 | 21 52 46 | 26 [♋] 57'13 | 1 [♌] 36 | 17 [♍] 57 | 14 [♎] 12 | 21 [♏] 40 | 16 [♐] 32 | 14 [♑] 8 | 15 [♒] 20 | 26 [♓] 27 | 29 [♓] 47 | 4 [♋] 20 | 5 [♌] 46 | 22 [♏] 14 | n.a. | | | | | | | | | |
| S 11 | 21 56 43 | 27 [♌] 57'29 | 15 [♎] 32 | 19 [♏] 38 | 15 [♐] 14 | 22 [♑] 22 | 16 [♒] 25 | 14 [♓] 3 | 15 [♋] 19 | 26 [♌] 29 | 29 [♌] 47 | 4 [♍] 17 | 5 [♎] 42 | 22 [♏] 21 | n.a. | | | | | | | | | |
| M12 | 22 0 39 | 28 [♍] 57'47 | 29 [♎] 6 | 21 [♏] 18 | 16 [♐] 15 | 23 [♑] 3 | 16 [♒] 18 | 13 [♓] 59 | 15 [♋] 17 | 26 [♌] 31 | 29 [♌] 47 | 4 [♍] D15 | 5 [♎] 39 | 22 [♏] 28 | n.a. | | | | | | | | | |
| T13 | 22 4 36 | 29 [♎] 58'07 | 12 [♏] 16 | 22 [♐] 59 | 17 [♑] 16 | 23 [♒] 45 | 16 [♓] 10 | 13 [♋] 54 | 15 [♌] 16 | 26 [♍] 32 | 29 [♍] 48 | 4 [♎] 15 | 5 [♏] 36 | 22 [♐] 34 | n.a. | | | | | | | | | |
| W14 | 22 8 33 | 0 [♏] 58'30 | 25 [♐] 3 | 24 [♑] 39 | 18 [♒] 16 | 24 [♓] 26 | 16 [♋] 2 | 13 [♌] 49 | 15 [♍] 14 | 26 [♎] 34 | 29 [♎] 48 | 4 [♎] 17 | 5 [♏] 33 | 22 [♐] 41 | n.a. | | | | | | | | | |
| T15 | 22 12 29 | 1 [♐] 58'54 | 7 [♑] 30 | 26 [♒] 18 | 19 [♓] 17 | 25 [♋] 8 | 15 [♌] 55 | 13 [♍] 44 | 15 [♎] 13 | 26 [♏] 36 | 29 [♏] 48 | 4 [♎] 18 | 5 [♏] 30 | 22 [♐] 48 | n.a. | | | | | | | | | |
| F16 | 22 16 26 | 2 [♑] 59'21 | 19 [♓] 42 | 27 [♋] 58 | 20 [♌] 16 | 25 [♍] 50 | 15 [♎] 47 | 13 [♏] 40 | 15 [♐] 11 | 26 [♑] 38 | 29 [♐] 48 | 4 [♎] 20 | 5 [♏] 27 | 22 [♐] 55 | n.a. | | | | | | | | | |
| S17 | 22 20 22 | 3 [♒] 59'50 | 1 [♋] 42 | 29 [♌] 37 | 21 [♍] 16 | 26 [♎] 31 | 15 [♏] 39 | 13 [♐] 35 | 15 [♑] 9 | 26 [♒] 40 | 29 [♑] 48 | 4 [♎] R21 | 5 [♏] 23 | 23 [♐] 1 | n.a. | | | | | | | | | |
| S18 | 22 24 19 | 5 [♓] 0'21 | 13 [♋] 35 | 1 [♌] 15 | 22 [♌] 15 | 27 [♍] 13 | 15 [♎] 31 | 13 [♏] 30 | 15 [♐] 7 | 26 [♑] 42 | 29 [♒] 48 | 4 [♎] 20 | 5 [♏] 20 | 23 [♐] 8 | n.a. | | | | | | | | | |
| M19 | 22 28 15 | 6 [♋] 0'54 | 25 [♌] 27 | 2 [♍] 54 | 23 [♎] 13 | 27 [♏] 55 | 15 [♏] 23 | 13 [♐] 25 | 15 [♑] 6 | 26 [♒] 44 | 29 [♓] 48 | 4 [♎] 19 | 5 [♏] 17 | 23 [♐] 15 | n.a. | | | | | | | | | |
| T20 | 22 32 12 | 7 [♌] 1'30 | 7 [♍] 22 | 4 [♎] 32 | 24 [♏] 11 | 28 [♐] 37 | 15 [♐] 15 | 13 [♑] 20 | 15 [♒] 4 | 26 [♓] 46 | 29 [♋] 48 | 4 [♎] 16 | 5 [♏] 14 | 23 [♐] 21 | n.a. | | | | | | | | | |
| W21 | 22 36 8 | 8 [♍] 2'07 | 19 [♎] 24 | 6 [♏] 9 | 25 [♐] 9 | 29 [♑] 19 | 15 [♑] 7 | 13 [♒] 15 | 15 [♓] 2 | 26 [♋] 47 | 29 [♌] R48 | 4 [♎] 12 | 5 [♏] 11 | 23 [♐] 28 | n.a. | | | | | | | | | |
| T22 | 22 40 5 | 9 [♎] 2'46 | 1 [♏] 36 | 7 [♐] 47 | 26 [♑] 6 | 0 [♒] 1 | 14 [♓] 59 | 13 [♋] 10 | 15 [♌] 0 | 26 [♌] 49 | 29 [♍] 48 | 4 [♎] 8 | 5 [♏] 8 | 23 [♐] 35 | n.a. | | | | | | | | | |
| F23 | 22 44 2 | 10 [♏] 3'27 | 14 [♐] 1 | 9 [♑] 23 | 27 [♒] 3 | 0 [♓] 43 | 14 [♋] 51 | 13 [♌] 5 | 14 [♍] 58 | 26 [♎] 51 | 29 [♎] 48 | 4 [♎] 3 | 5 [♏] 4 | 23 [♐] 42 | n.a. | | | | | | | | | |
| S24 | 22 47 58 | 11 [♐] 4'09 | 26 [♑] 41 | 11 [♒] 0 | 27 [♓] 59 | 1 [♋] 25 | 14 [♌] 43 | 13 [♍] 0 | 14 [♎] 56 | 26 [♏] 53 | 29 [♏] 48 | 4 [♎] 0 | 5 [♏] 1 | 23 [♐] 48 | n.a. | | | | | | | | | |
| S25 | 22 51 55 | 12 [♑] 4'54 | 9 [♒] 36 | 12 [♓] 36 | 28 [♋] 55 | 2 [♌] 7 | 14 [♍] 35 | 12 [♎] 55 | 14 [♏] 54 | 26 [♐] 54 | 29 [♐] 48 | 3 [♑] 57 | 4 [♒] 58 | 23 [♑] 55 | n.a. | | | | | | | | | |
| M26 | 22 55 51 | 13 [♒] 5'40 | 22 [♓] 46 | 14 [♋] 12 | 29 [♌] 50 | 2 [♍] 49 | 14 [♎] 26 | 12 [♏] 50 | 14 [♐] 52 | 26 [♑] 56 | 29 [♑] 48 | 3 [♒] 55 | 4 [♓] 55 | 24 [♋] 2 | n.a. | | | | | | | | | |
| T27 | 22 59 48 | 14 [♓] 6'27 | 6 [♋] 9 | 15 [♌] 48 | 0 [♍] 44 | 3 [♎] 31 | 14 [♏] 18 | 12 [♐] 45 | 14 [♑] 50 | 26 [♒] 58 | 29 [♒] 48 | 3 [♓] D55 | 4 [♋] 52 | 24 [♌] 8 | n.a. | | | | | | | | | |
| W28 | 23 3 44 | 15 [♋] 7'16 | 19 [♌] 45 | 17 [♍] 23 | 1 [♎] 38 | 4 [♏] 13 | 14 [♐] 10 | 12 [♑] 40 | 14 [♒] 48 | 26 [♓] 59 | 29 [♓] 48 | 3 [♋] 55 | 4 [♌] 48 | 24 [♍] 15 | n.a. | | | | | | | | | |
| T29 | 23 7 41 | 16 [♌] 8'07 | 3 [♍] 31 | 18 [♎] 58 | 2 [♏] 32 | 4 [♐] 56 | 14 [♑] 2 | 12 [♒] 35 | 14 [♓] 46 | 27 [♋] 1 | 29 [♌] 47 | 3 [♌] 57 | 4 [♍] 45 | 24 [♎] 22 | n.a. | | | | | | | | | |
| F30 | 23 11 37 | 17 [♍] 8'58 | 17 [♎] 26 | 20 [♏] 33 | 3 [♐] 24 | 5 [♑] 38 | 13 [♒] 54 | 12 [♓] 30 | 14 [♋] 44 | 27 [♌] 3 | 29 [♍] 47 | 3 [♍] 58 | 4 [♎] 42 | 24 [♏] 29 | n.a. | | | | | | | | | |

Delta T = 17h21m34s Julian Calendar 1 Sept. 2509 BCE == Greg. Calendar 11 Aug. 2509 BCE
 The year -2508 astronomical counting style corresponds to year 2509 B.C.E historical counting style.

OCTOBER 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | |
|-----|----------|-----------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|---------------------|--------------------|-------------------|--------------------|------|---|---|---|---|---|---|---|---|--|
| S 1 | 23 15 34 | 18 [♎] 9'51 | 1 [♏] 28 | 22 [♐] 7 | 4 [♑] 16 | 6 [♒] 20 | 13 [♓] R45 | 12 [♋] R26 | 14 [♌] R41 | 27 [♍] 4 | 29 [♎] R47 | 3 [♏] 59 | 4 [♐] 39 | 24 [♑] 35 | n.a. | | | | | | | | | |
| S 2 | 23 19 30 | 19 [♏] 10'45 | 15 [♑] 36 | 23 [♒] 42 | 5 [♓] 7 | 7 [♋] 3 | 13 [♌] 37 | 12 [♍] 21 | 14 [♎] 39 | 27 [♏] 6 | 29 [♏] 47 | 4 [♐] R 0 | 4 [♑] 36 | 24 [♒] 42 | n.a. | | | | | | | | | |
| M 3 | 23 23 27 | 20 [♐] 11'41 | 29 [♓] 48 | 25 [♋] 16 | 5 [♌] 58 | 7 [♍] 4 | 13 [♎] 29 | 12 [♏] 16 | 14 [♐] 37 | 27 [♐] 7 | 29 [♑] 46 | 4 [♒] 0 | 4 [♓] 33 | 24 [♋] 49 | n.a. | | | | | | | | | |
| T 4 | 23 27 24 | 21 [♑] 12'37 | 14 [♋] 1 | 26 [♌] 50 | 6 [♍] 48 | 8 [♎] 27 | 13 [♏] 21 | 12 [♐] 11 | 14 [♑] 35 | 27 [♑] 9 | 29 [♒] 46 | 3 [♓] 59 | 4 [♋] 29 | 24 [♌] 56 | n.a. | | | | | | | | | |
| W 5 | 23 31 20 | 22 [♒] 13'34 | 28 [♌] 13 | 28 [♍] 23 | 7 [♎] 36 | 9 [♏] 10 | 13 [♐] 13 | 12 [♑] 6 | 14 [♒] 32 | 27 [♒] 10 | 29 [♓] 46 | 3 [♋] 57 | 4 [♌] 26 | 25 [♍] 2 | n.a. | | | | | | | | | |
| T 6 | 23 35 17 | 23 [♓] 14'33 | 12 [♍] 21 | 29 [♎] 57 | 8 [♏] 24 | 9 [♐] 52 | 13 [♑] 5 | 12 [♒] 1 | 14 [♓] 30 | 27 [♓] 12 | 29 [♋] 45 | 3 [♌] 56 | 4 [♍] 23 | 25 [♎] 9 | n.a. | | | | | | | | | |
| F 7 | 23 39 13 | 24 [♋] 15'32 | 26 [♌] 21 | 1 [♍] 30 | 9 [♎] 12 | 10 [♏] 35 | 12 [♐] 57 | 11 [♑] 56 | 14 [♒] 28 | 27 [♒] 13 | 29 [♓] 45 | 3 [♍] 55 | 4 [♎] 20 | 25 [♏] 16 | n.a. | | | | | | | | | |
| S 8 | 23 43 10 | 25 [♌] 16'32 | 10 [♍] 11 | 3 [♎] 3 | 9 [♏] 58 | 11 [♐] 18 | 12 [♑] 50 | 11 [♒] 52 | 14 [♓] 25 | 27 [♓] 14 | 29 [♋] 44 | 3 [♌] 54 | 4 [♍] 17 | 25 [♎] 22 | n.a. | | | | | | | | | |
| S 9 | 23 47 6 | 26 [♍] 17'34 | 23 [♎] 45 | 4 [♏] 37 | 10 [♐] 43 | 12 [♑] 0 | 12 [♒] 42 | 11 [♓] 47 | 14 [♋] 23 | 27 [♋] 16 | 29 [♌] 44 | 3 [♍] 53 | 4 [♎] 13 | 25 [♏] 29 | n.a. | | | | | | | | | |
| M10 | 23 51 3 | 27 [♎] 18'36 | 7 [♏] 4 | 6 [♐] 10 | 11 [♑] 27 | 12 [♒] 43 | 12 [♓] 34 | 11 [♋] 42 | 14 [♌] 20 | 27 [♌] 17 | 29 [♍] 43 | 3 [♎] D53 | 4 [♏] 10 | 25 [♐] 36 | n.a. | | | | | | | | | |
| T11 | 23 54 59 | 28 [♏] 19'40 | 20 [♑] 4 | 7< | | | | | | | | | | | | | | | | | | | | |

SWISS EPHEMERIS for the year 2509 BCE

NOVEMBER 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|------------------------|----------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|-----------------------|------|---|---|---|---|---|---|---|---|
| T 1 | 1 17 47 | 19 ⁴⁵ 55 | 24 ³⁵ 58 | 8 ¹¹ 55 | 21 ¹¹ 50 | 28 ¹¹ 34 | 10 ¹⁰ R15 | 10 ¹⁰ R13 | 13 ¹⁰ R25 | 27 ²⁷ 39 | 29 ²⁹ R27 | 3 ³ D50 | 3 ³ Ω 0 | 28 ²⁸ II 4 | n.a. | | | | | | | | |
| W 2 | 1 21 44 | 20 ⁴⁷ 16 | 8 ³⁵ 55 | 10 ¹¹ 11 | 21 ⁵⁷ 18 | 29 ¹⁸ 10 | 10 ¹⁰ X10 | 10 ¹⁰ X10 | 13 ¹³ Y22 | 27 ²⁷ 39 | 29 ²⁹ Ω26 | 3 ³ Ω51 | 2 ² 57 | 28 ²⁸ °10 | n.a. | | | | | | | | |
| T 3 | 1 25 40 | 21 ⁴⁸ 36 | 22 ⁴⁰ 11 | 11 ²⁵ 22 | 22 ¹ 0 | 0 ¹ Ω 1 | 10 ¹⁰ ° 6 | 10 ¹⁰ ° 7 | 13 ¹³ °20 | 27 ²⁷ 40 | 29 ²⁹ °25 | 3 ³ °52 | 2 ² °54 | 28 ²⁸ °17 | n.a. | | | | | | | | |
| F 4 | 1 29 37 | 22 ⁴⁹ 56 | 6 ¹³ X13 | 12 ³⁵ 22 | 22 ³ R 3 | 0 ⁴⁵ 10 | 10 ¹⁰ ° 2 | 10 ¹⁰ ° 4 | 13 ¹³ °17 | 27 ²⁷ 40 | 29 ²⁹ °24 | 3 ³ °53 | 2 ² °51 | 28 ²⁸ °24 | n.a. | | | | | | | | |
| S 5 | 1 33 33 | 23 ⁵¹ 16 | 19 ³³ 33 | 13 ⁴² 22 | 22 ³ 3 | 1 ²⁹ 9 | 9 ⁹ °58 | 10 ¹⁰ ° 1 | 13 ¹³ °15 | 27 ²⁷ 41 | 29 ²⁹ °23 | 3 ³ °55 | 2 ² °48 | 28 ²⁸ °31 | n.a. | | | | | | | | |
| S 6 | 1 37 30 | 24 ⁵² 36 | 2 ¹¹ Y42 | 14 ⁴³ 22 | 22 ⁰ 2 | 2 ¹³ 9 | 9 ⁹ °54 | 9 ⁹ °59 | 13 ¹³ °12 | 27 ²⁷ 41 | 29 ²⁹ °22 | 3 ³ °R55 | 2 ² °44 | 28 ²⁸ °37 | n.a. | | | | | | | | |
| M 7 | 1 41 26 | 25 ⁵³ 55 | 15 ³⁸ 38 | 15 ³⁹ 21 | 21 ⁵⁴ 2 | 2 ⁵⁷ 9 | 9 ⁹ °50 | 9 ⁹ °56 | 13 ¹³ °10 | 27 ²⁷ 42 | 29 ²⁹ °21 | 3 ³ °55 | 2 ² °41 | 28 ²⁸ °44 | n.a. | | | | | | | | |
| T 8 | 1 45 23 | 26 ⁵⁵ 15 | 28 ²² 16 | 28 ²² 16 | 21 ⁴⁶ 3 | 3 ⁴¹ 9 | 9 ⁹ °47 | 9 ⁹ °53 | 13 ¹³ ° 7 | 27 ²⁷ 42 | 29 ²⁹ °20 | 3 ³ °53 | 2 ² °38 | 28 ²⁸ °51 | n.a. | | | | | | | | |
| W 9 | 1 49 19 | 27 ⁵⁶ 35 | 10 ⁸ Ω53 | 17 ¹¹ 21 | 21 ³⁶ 4 | 4 ²⁵ 9 | 9 ⁹ °43 | 9 ⁹ °51 | 13 ¹³ ° 5 | 27 ²⁷ 43 | 29 ²⁹ °19 | 3 ³ °50 | 2 ² °35 | 28 ²⁸ °58 | n.a. | | | | | | | | |
| T 10 | 1 53 16 | 28 ⁵⁷ 55 | 23 ¹³ 17 | 17 ⁴⁵ 21 | 21 ²³ 5 | 5 ⁹ 9 | 9 ⁹ °40 | 9 ⁹ °49 | 13 ¹³ ° 2 | 27 ²⁷ 43 | 29 ²⁹ °18 | 3 ³ °46 | 2 ² °32 | 29 ²⁹ ° 4 | n.a. | | | | | | | | |
| F 11 | 1 57 13 | 29 ⁵⁹ 15 | 5 ¹¹ II22 | 18 ¹¹ 21 | 21 ⁷ 5 | 5 ⁵³ 9 | 9 ⁹ °38 | 9 ⁹ °46 | 13 ¹³ ° 0 | 27 ²⁷ 43 | 29 ²⁹ °16 | 3 ³ °41 | 2 ² °29 | 29 ²⁹ °11 | n.a. | | | | | | | | |
| S 12 | 2 1 9 | 1 ¹¹ Ω 0'35 | 17 ²² 18 | 18 ²⁷ 20 | 20 ⁴⁹ 6 | 6 ³⁷ 9 | 9 ⁹ °35 | 9 ⁹ °44 | 12 ¹² °58 | 27 ²⁷ 44 | 29 ²⁹ °15 | 3 ³ °36 | 2 ² °25 | 29 ²⁹ °18 | n.a. | | | | | | | | |
| S 13 | 2 5 6 | 2 ¹ ° 1'55 | 29 ¹⁶ 18 | 18 ³² 20 | 20 ²⁹ 7 | 7 ²¹ 9 | 9 ⁹ °33 | 9 ⁹ °42 | 12 ¹² °55 | 27 ²⁷ 44 | 29 ²⁹ °14 | 3 ³ °32 | 2 ² °22 | 29 ²⁹ °24 | n.a. | | | | | | | | |
| M 14 | 2 9 2 | 3 ¹ ° 3'15 | 11 ⁸ Ω 8 | 18 ²⁵ 20 | 20 ⁶ 8 | 8 ⁵ 9 | 9 ⁹ °30 | 9 ⁹ °40 | 12 ¹² °53 | 27 ²⁷ 44 | 29 ²⁹ °13 | 3 ³ °29 | 2 ² °19 | 29 ²⁹ °31 | n.a. | | | | | | | | |
| T 15 | 2 12 59 | 4 ⁴ ° 4'34 | 23 ¹ 18 | 18 ⁸ 19 | 19 ⁴¹ 8 | 8 ⁴⁹ 9 | 9 ⁹ °28 | 9 ⁹ °38 | 12 ¹² °50 | 27 ²⁷ 44 | 29 ²⁹ °12 | 3 ³ °26 | 2 ² °16 | 29 ²⁹ °38 | n.a. | | | | | | | | |
| W 16 | 2 16 55 | 5 ⁵ ° 5'54 | 5 ⁰ Ω 0 | 17 ³⁸ 19 | 19 ¹⁴ 9 | 9 ³³ 9 | 9 ⁹ °26 | 9 ⁹ °37 | 12 ¹² °48 | 27 ²⁷ 44 | 29 ²⁹ °11 | 3 ³ °D26 | 2 ² °13 | 29 ²⁹ °45 | n.a. | | | | | | | | |
| T 17 | 2 20 52 | 6 ⁷ ° 7'14 | 17 ⁹ 16 | 16 ⁵⁷ 18 | 18 ⁴⁶ 10 | 10 ¹⁸ 9 | 9 ⁹ °25 | 9 ⁹ °35 | 12 ¹² °46 | 27 ²⁷ 44 | 29 ²⁹ ° 9 | 3 ³ °26 | 2 ² °10 | 29 ²⁹ °51 | n.a. | | | | | | | | |
| F 18 | 2 24 48 | 7 ⁸ ° 8'33 | 29 ³⁵ 16 | 16 ⁴ 18 | 18 ¹⁵ 11 | 11 ² 9 | 9 ⁹ °23 | 9 ⁹ °33 | 12 ¹² °44 | 27 ²⁷ 44 | 29 ²⁹ ° 8 | 3 ³ °28 | 2 ² ° 6 | 29 ²⁹ °58 | n.a. | | | | | | | | |
| S 19 | 2 28 45 | 8 ⁹ ° 9'53 | 12 ¹¹ Ω20 | 15 ³ 17 | 17 ⁴³ 11 | 11 ⁴⁶ 9 | 9 ⁹ °22 | 9 ⁹ °32 | 12 ¹² °41 | 27 ²⁷ R44 | 29 ²⁹ ° 7 | 3 ³ °30 | 2 ² ° 3 | 0 ⁰ Ω 5 | n.a. | | | | | | | | |
| S 20 | 2 32 42 | 9 ¹¹ °11'12 | 25 ²⁹ 13 | 13 ⁵³ 17 | 17 ⁹ 12 | 12 ³¹ 9 | 9 ⁹ °21 | 9 ⁹ °31 | 12 ¹² °39 | 27 ²⁷ 44 | 29 ²⁹ ° 6 | 3 ³ °31 | 2 ² ° 0 | 0 ⁰ °12 | n.a. | | | | | | | | |
| M 21 | 2 36 38 | 10 ¹² °2'30 | 9 ⁴ Ω 4 | 12 ³⁷ 16 | 16 ³⁵ 13 | 13 ¹⁵ 9 | 9 ⁹ °20 | 9 ⁹ °30 | 12 ¹² °37 | 27 ²⁷ 44 | 29 ²⁹ ° 4 | 3 ³ °R31 | 1 ¹ °57 | 0 ⁰ °18 | n.a. | | | | | | | | |
| T 22 | 2 40 35 | 11 ¹³ °49 | 23 ⁵ 11 | 11 ¹⁹ 15 | 15 ⁵⁹ 14 | 14 ⁰ 9 | 9 ⁹ °20 | 9 ⁹ °28 | 12 ¹² °35 | 27 ²⁷ 44 | 29 ²⁹ ° 3 | 3 ³ °29 | 1 ¹ °54 | 0 ⁰ °25 | n.a. | | | | | | | | |
| W 23 | 2 44 31 | 12 ¹⁵ °07 | 7 ¹¹ Ω30 | 9 ⁵⁹ 15 | 15 ²³ 14 | 14 ⁴⁴ 9 | 9 ⁹ °19 | 9 ⁹ °28 | 12 ¹² °33 | 27 ²⁷ 44 | 29 ²⁹ ° 2 | 3 ³ °26 | 1 ¹ °50 | 0 ⁰ °32 | n.a. | | | | | | | | |
| T 24 | 2 48 28 | 13 ¹⁶ °24 | 22 ¹² 8 | 8 ⁴¹ 14 | 14 ⁴⁶ 15 | 15 ²⁹ 9 | 9 ⁹ °D19 | 9 ⁹ °27 | 12 ¹² °30 | 27 ²⁷ 44 | 29 ²⁹ ° 1 | 3 ³ °21 | 1 ¹ °47 | 0 ⁰ °38 | n.a. | | | | | | | | |
| F 25 | 2 52 24 | 14 ¹⁷ °41 | 7 ⁵ Ω 5 | 7 ²⁸ 14 | 14 ⁹ 16 | 16 ¹³ 9 | 9 ⁹ °19 | 9 ⁹ °26 | 12 ¹² °28 | 27 ²⁷ 44 | 28 ²⁸ °59 | 3 ³ °14 | 1 ¹ °44 | 0 ⁰ °45 | n.a. | | | | | | | | |
| S 26 | 2 56 21 | 15 ¹⁸ °56 | 22 ⁰ 6 | 6 ²⁰ 13 | 13 ³² 16 | 16 ⁵⁸ 9 | 9 ⁹ °20 | 9 ⁹ °25 | 12 ¹² °26 | 27 ²⁷ 44 | 28 ²⁸ °58 | 3 ³ ° 8 | 1 ¹ °41 | 0 ⁰ °52 | n.a. | | | | | | | | |
| S 27 | 3 0 17 | 16 ²⁰ °11 | 6 ³ Ω48 | 5 ¹⁹ 12 | 12 ⁵⁶ 17 | 17 ⁴³ 9 | 9 ⁹ °20 | 9 ⁹ °25 | 12 ¹² °24 | 27 ²⁷ 43 | 28 ²⁸ °57 | 3 ³ ° 1 | 1 ¹ °38 | 0 ⁰ °59 | n.a. | | | | | | | | |
| M 28 | 3 4 14 | 17 ²¹ °25 | 21 ²² 4 | 4 ²⁸ 12 | 12 ²⁰ 18 | 18 ²⁷ 9 | 9 ⁹ °21 | 9 ⁹ °25 | 12 ¹² °22 | 27 ²⁷ 43 | 28 ²⁸ °55 | 2 ² °57 | 1 ¹ °35 | 1 ¹ ° 5 | n.a. | | | | | | | | |
| T 29 | 3 8 11 | 18 ²² °38 | 5 ³ Ω39 | 3 ⁴⁵ 11 | 11 ⁴⁵ 19 | 19 ¹² 9 | 9 ⁹ °22 | 9 ⁹ °24 | 12 ¹² °20 | 27 ²⁷ 43 | 28 ²⁸ °54 | 2 ² °54 | 1 ¹ °31 | 1 ¹ °12 | n.a. | | | | | | | | |
| W 30 | 3 12 7 | 19 ²³ °49 | 19 ³⁵ 3 | 3 ¹¹ Ω12 | 11 ¹¹ Ω11 | 19 ⁵⁷ 9 | 9 ⁹ X23 | 9 ⁹ X24 | 12 ¹² Y18 | 27 ²⁷ Ω43 | 28 ²⁸ Ω53 | 2 ² °D53 | 1 ¹ °Ω28 | 1 ¹ °Ω19 | n.a. | | | | | | | | |

Delta T = 17h21m29s Julian Calendar 1 Nov. 2509 BCE == Greg. Calendar 11 Oct. 2509 BCE
 The year -2508 astronomical counting style corresponds to year 2509 B.C.E historical counting style.

DECEMBER 2509 BCE (-2508) JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♁ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|---------|------------------------|----------------------|---------------------|----------------------|----------------------|----------------------|--------------------|----------------------|----------------------|----------------------|---------------------|--------------------|--------------------|------|---|---|---|---|---|---|---|---|
| T 1 | 3 16 4 | 20 ¹¹ 24'59 | 3 ¹¹ X10 | 2 ¹⁹ R48 | 10 ¹⁰ R38 | 20 ²⁰ Ω42 | 9 ⁹ X24 | 9 ⁹ D24 | 12 ¹² R17 | 27 ²⁷ R42 | 28 ²⁸ R51 | 2 ² Ω54 | 1 ¹ Ω25 | 1 ¹ Ω26 | n.a. | | | | | | | | |
| F 2 | 3 20 0 | 21 ²⁶ °08 | 16 ²⁸ 21 | 21 ³³ 10 | 10 ¹¹ Ω 6 | 21 ²⁶ 9 | 9 ⁹ °25 | 9 ⁹ X24 | 12 ¹² Y15 | 27 ²⁷ Ω42 | 28 ²⁸ Ω50 | 2 ² °55 | 1 ¹ °22 | 1 ¹ °32 | n.a. | | | | | | | | |
| S 3 | 3 23 57 | 22 ²⁷ °15 | 29 ²⁹ 2 | 2 ¹⁹ D27 | 9 ⁹ °37 | 22 ¹¹ 9 | 9 ⁹ °27 | 9 ⁹ °24 | 12 ¹² °13 | 27 ²⁷ °41 | 28 ²⁸ °49 | 2 ² °R56 | 1 ¹ °19 | 1 ¹ °39 | n.a. | | | | | | | | |
| S 4 | 3 27 53 | 23 ²⁸ °21 | 12 ¹¹ Y16 | 2 ²⁹ 9 | 9 ⁹ ° 9 | 22 ⁵⁶ 9 | 9 ⁹ °29 | 9 ⁹ °25 | 12 ¹² °11 | 27 ²⁷ °41 | 28 ²⁸ °47 | 2 ² °56 | 1 ¹ °15 | 1 ¹ °46 | n.a. | | | | | | | | |
| M 5 | 3 31 50 | 24 ²⁹ °26 | 24 ⁵¹ 2 | 2 ³⁹ 8 | 8 ⁴³ 23 | 23 ⁴¹ 9 | 9 ⁹ °31 | 9 ⁹ °25 | 12 ¹² ° 9 | 27 ²⁷ °40 | 28 ²⁸ °46 | 2 ² °53 | 1 ¹ °12 | 1 ¹ °52 | n.a. | | | | | | | | |
| T 6 | 3 35 46 | 25 ³⁰ °30 | 7 ¹¹ Ω16 | 2 ⁵⁶ 8 | 8 ¹⁹ 24 | 24 ²⁶ 9 | 9 ⁹ °33 | 9 ⁹ °26 | 12 ¹² ° 8 | 27 ²⁷ °40 | 28 ²⁸ °45 | 2 ² °48 | 1 ¹ ° 9 | 1 ¹ °59 | n.a. | | | | | | | | |
| W 7 | 3 39 43 | 26 ³¹ °33 | 19 ¹³ 3 | 3 ²⁰ 7 | 7 ⁵⁸ 25 | 25 ¹¹ 9 | 9 ⁹ °36 | 9 ⁹ °26 | 12 ¹² ° 6 | 27 ²⁷ °39 | 28 ²⁸ °43 | 2 ² °41 | 1 ¹ ° 6 | 2 ² ° 6 | n.a. | | | | | | | | |
| T 8 | 3 43 40 | 27 ³² °34 | 1 ¹¹ II42 | 3 ⁵⁰ 7 | 7 ³⁹ 25 | 25 ⁵⁶ 9 | 9 ⁹ °38 | 9 ⁹ °27 | 12 ¹² ° 5 | 27 ²⁷ °39 | 28 ²⁸ °42 | 2 ² °31 | 1 ¹ ° 3 | 2 ² °13 | n.a. | | | | | | | | |
| F 9 | 3 47 36 | 28 ³³ °34 | 13 ⁴⁴ 4 | 4 ²⁴ 7 | 7 ²² 26 | 26 ⁴¹ 9 | 9 ⁹ °41 | 9 ⁹ °28 | 12 ¹² ° 3 | 27 ²⁷ °38 | 28 ²⁸ °41 | 2 ² °20 | 1 ¹ ° 0 | 2 ² °19 | n.a. | | | | | | | | |
| S 10 | 3 51 33 | 29 ³⁴ °33 | 25 ⁴¹ 5 | 5 ⁴ 7 | 7 ⁸ 27 | 27 ²⁶ 9 | 9 ⁹ °44 | 9 ⁹ °29 | 12 ¹² ° 2 | 27 ²⁷ °37 | 28 ²⁸ °39 | 2 ² ° 8 | 0 ⁰ °56 | 2 ² °26 | n.a. | | | | | | | | |
| S 11 | 3 55 29 | 0 ¹ Ω35'31 | 7 ⁸ Ω34 | 5 ⁴⁹ 6 | 6 ⁵⁶ 28 | 11 ⁵ 9 | 9 ⁹ °48 | 9 ⁹ °30 | 12 ¹² ° 0 | 27 ²⁷ °37 | 28 ²⁸ °38 | 1 ¹ °57 | 0 ⁰ °53 | 2 ² °33 | n.a. | | | | | | | | |
| M 12 | 3 59 26 | 1 ³⁶ °28 | 19 ²⁶ 6 | 6 ³⁷ 6 | 6 ⁴⁷ 28 | 28 ⁵⁶ 9 | 9 ⁹ °51 | 9 ⁹ °32 | 11 ¹¹ °59 | 27 ²⁷ °36 | 28 ²⁸ °37 | 1 ¹ °48 | 0 ⁰ °50 | 2 ² °39 | n.a. | | | | | | | | |
| T 13 | 4 3 22 | 2 ³⁷ °24 | 1 ¹¹ Ω18 | 7 ²⁹ 6 | 6 ⁴⁰ 29 | 29 ⁴¹ 9 | 9 ⁹ °55 | 9 ⁹ °33 | 11 ¹¹ °57 | 27 ²⁷ °35 | 28 ²⁸ °35 | 1 ¹ °40 | 0 ⁰ °47 | 2 ² °46 | n.a. | | | | | | | | |
| W 14 | 4 7 19 | 3 ³⁸ °18 | 13 ¹⁵ 8 | 8 ²⁵ 6 | 6 ³⁶ 0 | 11 ²⁷ Ω | 9 ⁹ °59 | 9 ⁹ °34 | 11 ¹¹ °56 | 27 ²⁷ °34 | 28 ²⁸ °34 | 1 ¹ °35 | 0 ⁰ °44 | 2 ² °53 | n.a. | | | | | | | | |
| T 15 | 4 11 15 | 4 ³⁹ °11 | 25 ²¹ 9 | 9 ²³ 6 | 6 ³⁴ D34 | 1 ¹² 10 | 10 ¹⁰ ° 3 | 9 ⁹ °36 | 11 ¹¹ °55 | 27 ²⁷ °33 | 28 ²⁸ °33 | 1 ¹ °33 | 0 ⁰ °41 | 3 ³ ° 0 | n.a. | | | | | | | | |
| F 16 | 4 15 12 | 5 ⁴⁰ °03 | 7 ¹¹ Ω41 | 10 ²⁵ 6 | 6 ³⁵ 1 | 1 ⁵⁷ 10 | 10 ¹⁰ ° 7 | 9 ⁹ °38 | 11 ¹¹ °53 | 27 ²⁷ °33 | 28 ²⁸ °31 | 1 ¹ °D33 | 0 ⁰ °37 | 3 ³ ° 6 | n.a. | | | | | | | | |
| S 17 | 4 19 9 | 6 ⁴⁰ °54 | 20 ²¹ 11 | 11 ²⁹ 6 | 6 ³⁸ 2 | 2 ⁴² 10 | 10 ¹⁰ °11 | 9 ⁹ °39 | 11 ¹¹ °52 | 27 | | | | | | | | | | | | | |