# Astrodienst Ephemeris Tables

## for the year 1528

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

Astrodienst AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## JANUARY 1528 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 7 16 39 | 19♑39'05 | 15♉21 | 6♒55 | 15°R46 | 16♓26 | 19°R21 | 24♈13 | 17°R38 | 14♓49 | 22♑22 | 15♐ 3 | 13♐33 | 18♌41 | 12♓55 | W 1 |
| T 2 | 7 20 35 | 20°40'11 | 28° 8 | 8°20 | 15♑10 | 17°10 | 19♋13 | 24°15 | 17♊36 | 14°50 | 22°24 | 15° 5 | 13°30 | 18°48 | 12°58 | T 2 |
| F 3 | 7 24 32 | 21°41'16 | 10♊40 | 9°41 | 14°36 | 17°55 | 19° 5 | 24°17 | 17°34 | 14°52 | 22°26 | 15°R 6 | 13°27 | 18°55 | 13° 0 | F 3 |
| S 4 | 7 28 28 | 22°42'20 | 23° 0 | 10°59 | 14° 2 | 18°39 | 18°57 | 24°19 | 17°32 | 14°53 | 22°28 | 15° 6 | 13°24 | 19° 2 | 13° 3 | S 4 |
| S 5 | 7 32 25 | 23°43'24 | 5♋12 | 12°12 | 13°29 | 19°24 | 18°49 | 24°20 | 17°30 | 14°55 | 22°30 | 15° 3 | 13°21 | 19° 8 | 13° 6 | S 5 |
| M 6 | 7 36 22 | 24°44'26 | 17°16 | 13°20 | 12°58 | 20° 8 | 18°41 | 24°23 | 17°28 | 14°56 | 22°32 | 14°59 | 13°18 | 19°15 | 13° 9 | M 6 |
| T 7 | 7 40 18 | 25°45'28 | 29°15 | 14°21 | 12°29 | 20°53 | 18°33 | 24°25 | 17°27 | 14°58 | 22°34 | 14°53 | 13°14 | 19°22 | 13°11 | T 7 |
| W 8 | 7 44 15 | 26°46'29 | 11♌10 | 15°16 | 12° 2 | 21°37 | 18°25 | 24°27 | 17°25 | 15° 0 | 22°36 | 14°46 | 13°11 | 19°28 | 13°14 | W 8 |
| T 9 | 7 48 11 | 27°47'30 | 23° 2 | 16° 2 | 11°37 | 22°22 | 18°18 | 24°30 | 17°23 | 15° 1 | 22°38 | 14°37 | 13° 8 | 19°35 | 13°17 | T 9 |
| F 10 | 7 52 8 | 28°48'29 | 4♍54 | 16°40 | 11°14 | 23° 6 | 18°10 | 24°32 | 17°21 | 15° 3 | 22°40 | 14°28 | 13° 5 | 19°42 | 13°20 | F 10 |
| S 11 | 7 56 4 | 29°49'28 | 16°47 | 17° 9 | 10°53 | 23°50 | 18° 2 | 24°35 | 17°19 | 15° 5 | 22°42 | 14°20 | 13° 2 | 19°49 | 13°23 | S 11 |
| S 12 | 8 0 1 | 0♒50'26 | 28°44 | 17°27 | 10°34 | 24°35 | 17°54 | 24°37 | 17°18 | 15° 6 | 22°44 | 14°13 | 12°58 | 19°55 | 13°26 | S 12 |
| M13 | 8 3 57 | 1°51'24 | 10♎49 | 17°R34 | 10°18 | 25°19 | 17°47 | 24°40 | 17°16 | 15° 8 | 22°46 | 14° 9 | 12°55 | 20° 2 | 13°29 | M13 |
| T 14 | 8 7 54 | 2°52'20 | 23° 5 | 17°31 | 10° 5 | 26° 3 | 17°39 | 24°43 | 17°15 | 15°10 | 22°48 | 14° 6 | 12°52 | 20° 9 | 13°32 | T 14 |
| W15 | 8 11 51 | 3°53'16 | 5♏38 | 17°15 | 9°54 | 26°48 | 17°31 | 24°46 | 17°13 | 15°12 | 22°50 | 14°D 6 | 12°49 | 20°15 | 13°35 | W15 |
| T 16 | 8 15 47 | 4°54'12 | 18°31 | 16°49 | 9°45 | 27°32 | 17°24 | 24°49 | 17°12 | 15°14 | 22°52 | 14° 6 | 12°46 | 20°22 | 13°39 | T 16 |
| F 17 | 8 19 44 | 5°55'06 | 1♐49 | 16°12 | 9°39 | 28°16 | 17°17 | 24°53 | 17°10 | 15°15 | 22°54 | 14° 8 | 12°43 | 20°29 | 13°42 | F 17 |
| S 18 | 8 23 40 | 6°56'00 | 15°34 | 15°25 | 9°35 | 29° 0 | 17°10 | 24°56 | 17° 9 | 15°17 | 22°55 | 14°R 8 | 12°39 | 20°36 | 13°45 | S 18 |
| S 19 | 8 27 37 | 7°56'53 | 29°49 | 14°30 | 9°D34 | 29°44 | 17° 2 | 24°59 | 17° 7 | 15°19 | 22°57 | 14° 7 | 12°36 | 20°42 | 13°48 | S 19 |
| M20 | 8 31 33 | 8°57'45 | 14♑30 | 13°28 | 9°36 | 0♈29 | 16°55 | 25° 3 | 17° 6 | 15°21 | 22°59 | 14° 4 | 12°33 | 20°49 | 13°51 | M20 |
| T 21 | 8 35 30 | 9°58'35 | 29°34 | 12°20 | 9°39 | 1°13 | 16°48 | 25° 6 | 17° 5 | 15°23 | 23° 1 | 13°58 | 12°30 | 20°56 | 13°55 | T 21 |
| W22 | 8 39 26 | 10°59'25 | 14♒50 | 11° 9 | 9°45 | 1°57 | 16°42 | 25°10 | 17° 3 | 15°25 | 23° 3 | 13°50 | 12°27 | 21° 2 | 13°58 | W22 |
| T 23 | 8 43 23 | 12° 0'13 | 0♓ 9 | 9°57 | 9°54 | 2°41 | 16°35 | 25°14 | 17° 2 | 15°27 | 23° 5 | 13°41 | 12°24 | 21° 9 | 14° 1 | T 23 |
| F 24 | 8 47 20 | 13° 1'00 | 15°19 | 8°46 | 10° 4 | 3°25 | 16°28 | 25°18 | 17° 1 | 15°29 | 23° 7 | 13°31 | 12°20 | 21°16 | 14° 5 | F 24 |
| S 25 | 8 51 16 | 14° 1'45 | 0♈10 | 7°37 | 10°17 | 4° 9 | 16°22 | 25°22 | 17° 0 | 15°31 | 23° 9 | 13°23 | 12°17 | 21°23 | 14° 8 | S 25 |
| S 26 | 8 55 13 | 15° 2'29 | 14°35 | 6°33 | 10°32 | 4°53 | 16°16 | 25°26 | 16°59 | 15°33 | 23°10 | 13°17 | 12°14 | 21°29 | 14°12 | S 26 |
| M27 | 8 59 9 | 16° 3'11 | 28°32 | 5°34 | 10°49 | 5°36 | 16°10 | 25°30 | 16°58 | 15°35 | 23°12 | 13°14 | 12°11 | 21°36 | 14°15 | M27 |
| T 28 | 9 3 6 | 17° 3'51 | 12♉ 0 | 4°41 | 11° 7 | 6°20 | 16° 4 | 25°34 | 16°57 | 15°37 | 23°14 | 13°D12 | 12° 8 | 21°43 | 14°19 | T 28 |
| W29 | 9 7 2 | 18° 4'30 | 25° 2 | 3°56 | 11°28 | 7° 4 | 15°58 | 25°39 | 16°56 | 15°39 | 23°16 | 13°12 | 12° 4 | 21°49 | 14°22 | W29 |
| T 30 | 9 10 59 | 19° 5'07 | 7♊43 | 3°18 | 11°51 | 7°48 | 15°52 | 25°43 | 16°55 | 15°41 | 23°18 | 13°R13 | 12° 1 | 21°56 | 14°26 | T 30 |
| F 31 | 9 14 55 | 20♒ 5'42 | 20♊ 6 | 2♒48 | 12♉15 | 8♈32 | 15♋46 | 25♈48 | 16♊55 | 15♓43 | 23♑20 | 13♐13 | 11♐58 | 22♌ 3 | 14♓29 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22s 3 | 18n57 | 2n35 | 19s49 | 1s16 | 16s55 | 5n41 | 5s58 | 0s38 | 22n29 | 0n23 | 7n 5 | 2s30 | 23n 2 | 0n 6 | 7s 3 | 1s 8 | 24s 9 | 2s33 | 22s40 | 22s29 | 10n49 | 2s43 | 4n20 |
| T 2 | 21 54 | 21 17 | 1 31 | 19 19 | 1 7 | 16 48 | 5 52 | 5 39 | 0 37 | 22 30 | 0 23 | 7 6 | 2 30 | 23 2 | 0 6 | 7 2 | 1 8 | 24 9 | 2 33 | 22 40 | 22 29 | 10 47 | 2 42 | 4 20 |
| F 3 | 21 45 | 22 30 | 0 24 | 18 47 | 0 57 | 16 42 | 6 2 | 5 21 | 0 37 | 22 32 | 0 24 | 7 7 | 2 29 | 23 1 | 0 6 | 7 2 | 1 8 | 24 8 | 2 33 | 22 40 | 22 28 | 10 44 | 2 41 | 4 20 |
| S 4 | 21 35 | 22 36 | 0s43 | 18 15 | 0 46 | 16 37 | 6 11 | 5 3 | 0 36 | 22 33 | 0 24 | 7 8 | 2 29 | 23 1 | 0 6 | 7 1 | 1 8 | 24 8 | 2 33 | 22 40 | 22 28 | 10 42 | 2 41 | 4 20 |
| S 5 | 21 25 | 21 37 | 1 47 | 17 43 | 0 34 | 16 32 | 6 19 | 4 44 | 0 35 | 22 34 | 0 24 | 7 9 | 2 29 | 23 1 | 0 6 | 7 0 | 1 8 | 24 8 | 2 33 | 22 40 | 22 28 | 10 39 | 2 40 | 4 19 |
| M 6 | 21 14 | 19 38 | 2 46 | 17 11 | 0 21 | 16 27 | 6 26 | 4 26 | 0 34 | 22 35 | 0 24 | 7 10 | 2 28 | 23 1 | 0 6 | 7 0 | 1 8 | 24 8 | 2 33 | 22 39 | 22 27 | 10 37 | 2 39 | 4 19 |
| T 7 | 21 3 | 16 50 | 3 36 | 16 40 | 0 7 | 16 23 | 6 33 | 4 7 | 0 33 | 22 37 | 0 24 | 7 11 | 2 28 | 23 1 | 0 6 | 6 59 | 1 8 | 24 7 | 2 33 | 22 38 | 22 27 | 10 35 | 2 38 | 4 19 |
| W 8 | 20 51 | 13 21 | 4 17 | 16 10 | 0n 8 | 16 20 | 6 39 | 3 49 | 0 32 | 22 38 | 0 24 | 7 12 | 2 28 | 23 1 | 0 6 | 6 58 | 1 8 | 24 7 | 2 33 | 22 38 | 22 26 | 10 32 | 2 37 | 4 19 |
| T 9 | 20 39 | 9 21 | 4 47 | 15 41 | 0 24 | 16 17 | 6 44 | 3 30 | 0 31 | 22 39 | 0 24 | 7 14 | 2 28 | 23 0 | 0 6 | 6 58 | 1 8 | 24 7 | 2 33 | 22 37 | 22 26 | 10 30 | 2 36 | 4 19 |
| F 10 | 20 27 | 5 2 | 5 4 | 15 14 | 0 40 | 16 15 | 6 48 | 3 12 | 0 30 | 22 40 | 0 24 | 7 15 | 2 27 | 23 0 | 0 6 | 6 57 | 1 8 | 24 7 | 2 33 | 22 36 | 22 26 | 10 27 | 2 35 | 4 18 |
| S 11 | 20 14 | 0 31 | 5 8 | 14 50 | 0 57 | 16 13 | 6 52 | 2 53 | 0 29 | 22 41 | 0 25 | 7 16 | 2 27 | 23 0 | 0 6 | 6 56 | 1 8 | 24 6 | 2 34 | 22 35 | 22 25 | 10 25 | 2 34 | 4 18 |
| S 12 | 20 1 | 4s 3 | 4 58 | 14 27 | 1 15 | 16 12 | 6 54 | 2 35 | 0 28 | 22 42 | 0 25 | 7 17 | 2 27 | 23 0 | 0 6 | 6 56 | 1 8 | 24 6 | 2 34 | 22 34 | 22 25 | 10 23 | 2 34 | 4 18 |
| M13 | 19 48 | 8 31 | 4 35 | 14 8 | 1 32 | 16 11 | 6 56 | 2 16 | 0 27 | 22 44 | 0 25 | 7 19 | 2 26 | 23 0 | 0 6 | 6 55 | 1 8 | 24 6 | 2 34 | 22 33 | 22 24 | 10 20 | 2 33 | 4 18 |
| T 14 | 19 34 | 12 42 | 4 0 | 13 53 | 1 50 | 16 10 | 6 58 | 1 58 | 0 26 | 22 45 | 0 25 | 7 20 | 2 26 | 23 0 | 0 6 | 6 54 | 1 8 | 24 6 | 2 34 | 22 33 | 22 24 | 10 18 | 2 32 | 4 17 |
| W15 | 19 20 | 16 27 | 3 12 | 13 40 | 2 8 | 16 10 | 6 58 | 1 40 | 0 25 | 22 46 | 0 25 | 7 21 | 2 26 | 22 59 | 0 6 | 6 54 | 1 8 | 24 5 | 2 34 | 22 33 | 22 24 | 10 15 | 2 31 | 4 17 |
| T 16 | 19 5 | 19 31 | 2 13 | 13 32 | 2 25 | 16 11 | 6 59 | 1 21 | 0 24 | 22 47 | 0 25 | 7 23 | 2 26 | 22 59 | 0 6 | 6 53 | 1 8 | 24 5 | 2 34 | 22 33 | 22 23 | 10 13 | 2 30 | 4 17 |
| F 17 | 18 50 | 21 39 | 1 6 | 13 28 | 2 41 | 16 12 | 6 58 | 1 3 | 0 23 | 22 48 | 0 25 | 7 24 | 2 25 | 22 59 | 0 6 | 6 52 | 1 8 | 24 5 | 2 34 | 22 33 | 22 23 | 10 11 | 2 29 | 4 17 |
| S 18 | 18 35 | 22 35 | 0n 8 | 13 27 | 2 55 | 16 13 | 6 57 | 0 44 | 0 22 | 22 49 | 0 25 | 7 26 | 2 25 | 22 59 | 0 6 | 6 51 | 1 8 | 24 5 | 2 34 | 22 33 | 22 22 | 10 8 | 2 28 | 4 17 |
| S 19 | 18 20 | 22 7 | 1 23 | 13 31 | 3 9 | 16 15 | 6 56 | 0 26 | 0 21 | 22 50 | 0 25 | 7 27 | 2 25 | 22 59 | 0 6 | 6 51 | 1 8 | 24 5 | 2 34 | 22 33 | 22 22 | 10 6 | 2 26 | 4 16 |
| M20 | 18 4 | 20 8 | 2 35 | 13 38 | 3 20 | 16 17 | 6 54 | 0 7 | 0 20 | 22 51 | 0 26 | 7 29 | 2 25 | 22 59 | 0 6 | 6 50 | 1 8 | 24 4 | 2 34 | 22 33 | 22 21 | 10 3 | 2 25 | 4 16 |
| T 21 | 17 48 | 16 44 | 3 38 | 13 48 | 3 29 | 16 19 | 6 51 | 0n11 | 0 19 | 22 52 | 0 26 | 7 30 | 2 24 | 22 59 | 0 7 | 6 49 | 1 8 | 24 4 | 2 35 | 22 32 | 22 21 | 10 1 | 2 24 | 4 16 |
| W22 | 17 31 | 12 10 | 4 27 | 14 1 | 3 36 | 16 21 | 6 48 | 0 30 | 0 18 | 22 53 | 0 26 | 7 32 | 2 24 | 22 59 | 0 7 | 6 48 | 1 8 | 24 4 | 2 35 | 22 31 | 22 21 | 9 59 | 2 23 | 4 16 |
| T 23 | 17 14 | 6 49 | 4 56 | 14 16 | 3 40 | 16 24 | 6 45 | 0 48 | 0 18 | 22 54 | 0 26 | 7 33 | 2 24 | 22 58 | 0 7 | 6 48 | 1 8 | 24 4 | 2 35 | 22 30 | 22 20 | 9 56 | 2 22 | 4 16 |
| F 24 | 16 57 | 1 7 | 5 4 | 14 32 | 3 42 | 16 27 | 6 41 | 1 6 | 0 17 | 22 55 | 0 26 | 7 35 | 2 23 | 22 58 | 0 7 | 6 47 | 1 8 | 24 3 | 2 35 | 22 29 | 22 20 | 9 54 | 2 21 | 4 15 |
| S 25 | 16 40 | 4n31 | 4 52 | 14 50 | 3 42 | 16 30 | 6 37 | 1 25 | 0 16 | 22 55 | 0 26 | 7 37 | 2 23 | 22 58 | 0 7 | 6 46 | 1 8 | 24 3 | 2 35 | 22 28 | 22 19 | 9 51 | 2 20 | 4 15 |
| S 26 | 16 22 | 9 46 | 4 21 | 15 9 | 3 39 | 16 33 | 6 33 | 1 43 | 0 15 | 22 56 | 0 26 | 7 38 | 2 23 | 22 58 | 0 7 | 6 45 | 1 8 | 24 3 | 2 35 | 22 27 | 22 19 | 9 49 | 2 19 | 4 15 |
| M27 | 16 4 | 14 19 | 3 35 | 15 28 | 3 34 | 16 36 | 6 29 | 2 1 | 0 14 | 22 57 | 0 26 | 7 40 | 2 23 | 22 58 | 0 7 | 6 44 | 1 8 | 24 3 | 2 35 | 22 27 | 22 19 | 9 46 | 2 18 | 4 15 |
| T 28 | 15 46 | 17 59 | 2 38 | 15 46 | 3 28 | 16 39 | 6 24 | 2 19 | 0 13 | 22 58 | 0 26 | 7 42 | 2 22 | 22 58 | 0 7 | 6 44 | 1 8 | 24 3 | 2 35 | 22 26 | 22 18 | 9 44 | 2 16 | 4 15 |
| W29 | 15 27 | 20 37 | 1 35 | 16 5 | 3 20 | 16 43 | 6 19 | 2 38 | 0 12 | 22 59 | 0 26 | 7 44 | 2 22 | 22 58 | 0 7 | 6 43 | 1 8 | 24 2 | 2 35 | 22 26 | 22 18 | 9 42 | 2 15 | 4 15 |
| T 30 | 15 8 | 22 8 | 0 29 | 16 22 | 3 11 | 16 46 | 6 13 | 2 56 | 0 11 | 22 59 | 0 26 | 7 46 | 2 22 | 22 58 | 0 7 | 6 42 | 1 8 | 24 2 | 2 36 | 22 27 | 22 17 | 9 39 | 2 14 | 4 14 |
| F 31 | 14s49 | 22n31 | 0s37 | 16s39 | 3n 0 | 16s50 | 6n 8 | 3n14 | 0s11 | 23n 0 | 0n26 | 7n48 | 2s22 | 22n58 | 0n 7 | 6s41 | 1s 8 | 24s 2 | 2s36 | 22s27 | 22s17 | 9n37 | 2s13 | 4n14 |

Julian Day Number = 2279159.5, Delta T = 229.00 sec
Ecliptic obliquity = 23°29'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'15, Lahiri = 17°16'16 Julian Calendar 1 Jan. 1528 == Greg. Calendar 11 Jan. 1528



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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## FEBRUARY 1528 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 9 18 52 | 21♒ 6'15 | 2♋16 | 2°R26 | 12♉41 | 9♈15 | 15°R41 | 25♈52 | 16°R54 | 15♓45 | 23♉21 | 13°R11 | 11♐55 | 22♌10 | 14♓33 | S 1 |
| S 2 | 9 22 49 | 22° 6'47 | 14°18 | 2♒11 | 13° 9 | 9°59 | 15♋36 | 25°57 | 16♊53 | 15°47 | 23°23 | 13♐ 6 | 11°52 | 22°16 | 14°36 | S 2 |
| M 3 | 9 26 45 | 23° 7'17 | 26°13 | 2°D 4 | 13°38 | 10°43 | 15°31 | 26° 2 | 16°53 | 15°50 | 23°25 | 12°59 | 11°49 | 22°23 | 14°40 | M 3 |
| T 4 | 9 30 42 | 24° 7'45 | 8♌ 6 | 2° 5 | 14° 9 | 11°26 | 15°26 | 26° 7 | 16°52 | 15°52 | 23°27 | 12°49 | 11°45 | 22°30 | 14°44 | T 4 |
| W 5 | 9 34 38 | 25° 8'11 | 19°58 | 2°11 | 14°41 | 12°10 | 15°21 | 26°12 | 16°51 | 15°54 | 23°28 | 12°37 | 11°42 | 22°36 | 14°47 | W 5 |
| T 6 | 9 38 35 | 26° 8'36 | 1♍50 | 2°25 | 15°15 | 12°53 | 15°16 | 26°17 | 16°51 | 15°56 | 23°30 | 12°23 | 11°39 | 22°43 | 14°51 | T 6 |
| F 7 | 9 42 31 | 27° 8'59 | 13°45 | 2°44 | 15°51 | 13°37 | 15°12 | 26°22 | 16°51 | 15°58 | 23°32 | 12° 9 | 11°36 | 22°50 | 14°54 | F 7 |
| S 8 | 9 46 28 | 28° 9'21 | 25°42 | 3° 8 | 16°27 | 14°20 | 15° 8 | 26°27 | 16°50 | 16° 0 | 23°33 | 11°55 | 11°33 | 22°57 | 14°58 | S 8 |
| S 9 | 9 50 24 | 29° 9'40 | 7♎45 | 3°38 | 17° 5 | 15° 4 | 15° 4 | 26°32 | 16°50 | 16° 2 | 23°35 | 11°44 | 11°29 | 23° 3 | 15° 2 | S 9 |
| M10 | 9 54 21 | 0♓ 9'59 | 19°54 | 4°12 | 17°44 | 15°47 | 15° 0 | 26°37 | 16°50 | 16° 5 | 23°37 | 11°35 | 11°26 | 23°10 | 15° 6 | M10 |
| T 11 | 9 58 18 | 1°10'15 | 2♏13 | 4°51 | 18°24 | 16°30 | 14°56 | 26°43 | 16°49 | 16° 7 | 23°38 | 11°29 | 11°23 | 23°17 | 15° 9 | T 11 |
| W12 | 10 2 14 | 2°10'31 | 14°45 | 5°34 | 19° 5 | 17°14 | 14°53 | 26°48 | 16°49 | 16° 9 | 23°40 | 11°26 | 11°20 | 23°23 | 15°13 | W12 |
| T 13 | 10 6 11 | 3°10'45 | 27°35 | 6°20 | 19°48 | 17°57 | 14°49 | 26°54 | 16°49 | 16°11 | 23°42 | 11°25 | 11°17 | 23°30 | 15°17 | T 13 |
| F 14 | 10 10 7 | 4°10'57 | 10♐45 | 7°11 | 20°31 | 18°40 | 14°46 | 26°59 | 16°D49 | 16°14 | 23°43 | 11°25 | 11°14 | 23°37 | 15°21 | F 14 |
| S 15 | 10 14 4 | 5°11'08 | 24°20 | 8° 4 | 21°16 | 19°23 | 14°43 | 27° 5 | 16°49 | 16°16 | 23°45 | 11°25 | 11°10 | 23°44 | 15°24 | S 15 |
| S 16 | 10 18 0 | 6°11'17 | 8♑22 | 9° 0 | 22° 1 | 20° 7 | 14°40 | 27°11 | 16°49 | 16°18 | 23°46 | 11°23 | 11° 7 | 23°50 | 15°28 | S 16 |
| M17 | 10 21 57 | 7°11'25 | 22°51 | 10° 0 | 22°47 | 20°50 | 14°38 | 27°17 | 16°49 | 16°20 | 23°48 | 11°19 | 11° 4 | 23°57 | 15°32 | M17 |
| T 18 | 10 25 53 | 8°11'31 | 7♒44 | 11° 2 | 23°35 | 21°33 | 14°35 | 27°23 | 16°49 | 16°23 | 23°49 | 11°11 | 11° 1 | 24° 4 | 15°36 | T 18 |
| W19 | 10 29 50 | 9°11'35 | 22°54 | 12° 6 | 24°23 | 22°16 | 14°33 | 27°29 | 16°50 | 16°25 | 23°51 | 11° 2 | 10°58 | 24°10 | 15°39 | W19 |
| T 20 | 10 33 47 | 10°11'38 | 8♓13 | 13°13 | 25°12 | 22°59 | 14°31 | 27°35 | 16°50 | 16°27 | 23°52 | 10°50 | 10°55 | 24°17 | 15°43 | T 20 |
| F 21 | 10 37 43 | 11°11'38 | 23°28 | 14°21 | 26° 1 | 23°42 | 14°29 | 27°41 | 16°50 | 16°29 | 23°54 | 10°39 | 10°51 | 24°24 | 15°47 | F 21 |
| S 22 | 10 41 40 | 12°11'37 | 8♈28 | 15°32 | 26°51 | 24°25 | 14°28 | 27°47 | 16°51 | 16°32 | 23°55 | 10°28 | 10°48 | 24°31 | 15°51 | S 22 |
| S 23 | 10 45 36 | 13°11'33 | 23° 4 | 16°45 | 27°43 | 25° 8 | 14°26 | 27°53 | 16°51 | 16°34 | 23°57 | 10°20 | 10°45 | 24°37 | 15°55 | S 23 |
| M24 | 10 49 33 | 14°11'27 | 7♉12 | 18° 0 | 28°34 | 25°50 | 14°25 | 27°59 | 16°52 | 16°36 | 23°58 | 10°14 | 10°42 | 24°44 | 15°59 | M24 |
| T 25 | 10 53 29 | 15°11'19 | 20°49 | 19°16 | 29°27 | 26°33 | 14°24 | 28° 6 | 16°52 | 16°38 | 23°59 | 10°11 | 10°39 | 24°51 | 16° 2 | T 25 |
| W26 | 10 57 26 | 16°11'09 | 3♊58 | 20°35 | 0♒20 | 27°16 | 14°23 | 28°12 | 16°53 | 16°41 | 24° 1 | 10°10 | 10°35 | 24°57 | 16° 6 | W26 |
| T 27 | 11 1 22 | 17°10'57 | 16°42 | 21°55 | 1°13 | 27°59 | 14°22 | 28°18 | 16°53 | 16°43 | 24° 2 | 10°10 | 10°32 | 25° 4 | 16°10 | T 27 |
| F 28 | 11 5 19 | 18°10'42 | 29° 5 | 23°16 | 2° 7 | 28°41 | 14°22 | 28°25 | 16°54 | 16°45 | 24° 3 | 10°10 | 10°29 | 25°11 | 16°14 | F 28 |
| S 29 | 11 9 16 | 19♓10'25 | 11♋13 | 24♒39 | 3♒ 2 | 29♈24 | 14♋22 | 28♈31 | 16♊55 | 16♓48 | 24♉ 5 | 10♐ 8 | 10♐26 | 25♌18 | 16♓18 | S 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 14s30 | 21n49 | 1s40 | 16s55 | 2n49 | 16s53 | 6n 2 | 3n32 | 0s10 | 23n 1 | 0n27 | 7n49 | 2s21 | 22n58 | 0n 7 | 6s40 | 1s 8 | 24s 2 | 2s36 | 22s26 | 22s16 | 9n34 | 2s12 | 4n14 |
| S 2 | 14 10 | 20 8 | 2 37 | 17 10 | 2 38 | 16 56 | 5 56 | 3 50 | 0 9 | 23 2 | 0 27 | 7 51 | 2 21 | 22 58 | 0 7 | 6 40 | 1 8 | 24 2 | 2 36 | 22 26 | 22 16 | 9 32 | 2 10 | 4 14 |
| M 3 | 13 51 | 17 34 | 3 27 | 17 23 | 2 25 | 16 59 | 5 50 | 4 8 | 0 8 | 23 2 | 0 27 | 7 53 | 2 21 | 22 58 | 0 7 | 6 39 | 1 8 | 24 1 | 2 36 | 22 25 | 22 16 | 9 30 | 2 9 | 4 14 |
| T 4 | 13 31 | 14 18 | 4 8 | 17 35 | 2 13 | 17 2 | 5 44 | 4 26 | 0 7 | 23 3 | 0 27 | 7 55 | 2 21 | 22 58 | 0 7 | 6 38 | 1 8 | 24 1 | 2 36 | 22 24 | 22 15 | 9 27 | 2 8 | 4 14 |
| W 5 | 13 11 | 10 28 | 4 38 | 17 46 | 2 0 | 17 5 | 5 38 | 4 43 | 0 6 | 23 4 | 0 27 | 7 57 | 2 20 | 22 57 | 0 7 | 6 37 | 1 8 | 24 1 | 2 36 | 22 22 | 22 15 | 9 25 | 2 7 | 4 13 |
| T 6 | 12 50 | 6 15 | 4 55 | 17 56 | 1 47 | 17 8 | 5 31 | 5 1 | 0 6 | 23 4 | 0 27 | 7 59 | 2 20 | 22 57 | 0 7 | 6 36 | 1 8 | 24 1 | 2 36 | 22 20 | 22 14 | 9 22 | 2 5 | 4 13 |
| F 7 | 12 30 | 1 47 | 5 0 | 18 4 | 1 35 | 17 11 | 5 25 | 5 19 | 0 5 | 23 5 | 0 27 | 8 1 | 2 20 | 22 57 | 0 7 | 6 35 | 1 8 | 24 1 | 2 36 | 22 18 | 22 14 | 9 20 | 2 4 | 4 13 |
| S 8 | 12 9 | 2s45 | 4 52 | 18 10 | 1 22 | 17 13 | 5 18 | 5 36 | 0 4 | 23 5 | 0 27 | 8 3 | 2 20 | 22 57 | 0 7 | 6 34 | 1 8 | 24 1 | 2 37 | 22 17 | 22 13 | 9 17 | 2 3 | 4 13 |
| S 9 | 11 48 | 7 13 | 4 30 | 18 16 | 1 10 | 17 15 | 5 12 | 5 54 | 0 3 | 23 6 | 0 27 | 8 6 | 2 20 | 22 57 | 0 7 | 6 34 | 1 8 | 24 0 | 2 37 | 22 15 | 22 13 | 9 15 | 2 1 | 4 13 |
| M10 | 11 27 | 11 27 | 3 57 | 18 19 | 0 58 | 17 17 | 5 5 | 6 12 | 0 2 | 23 6 | 0 27 | 8 8 | 2 19 | 22 57 | 0 7 | 6 33 | 1 8 | 24 0 | 2 37 | 22 14 | 22 13 | 9 13 | 2 0 | 4 13 |
| T 11 | 11 5 | 15 16 | 3 11 | 18 22 | 0 46 | 17 18 | 4 58 | 6 29 | 0 1 | 23 7 | 0 27 | 8 10 | 2 19 | 22 57 | 0 7 | 6 32 | 1 8 | 24 0 | 2 37 | 22 13 | 22 12 | 9 10 | 1 59 | 4 13 |
| W12 | 10 44 | 18 28 | 2 16 | 18 23 | 0 34 | 17 20 | 4 51 | 6 46 | 0 1 | 23 7 | 0 27 | 8 12 | 2 19 | 22 57 | 0 7 | 6 31 | 1 8 | 24 0 | 2 37 | 22 13 | 22 12 | 9 8 | 1 57 | 4 13 |
| T 13 | 10 22 | 20 51 | 1 13 | 18 22 | 0 23 | 17 21 | 4 44 | 7 4 | 0n 0 | 23 8 | 0 27 | 8 14 | 2 19 | 22 57 | 0 7 | 6 30 | 1 8 | 24 0 | 2 37 | 22 12 | 22 11 | 9 5 | 1 56 | 4 12 |
| F 14 | 10 0 | 22 10 | 0 4 | 18 20 | 0 11 | 17 21 | 4 37 | 7 21 | 0 1 | 23 8 | 0 27 | 8 16 | 2 18 | 22 57 | 0 7 | 6 29 | 1 8 | 24 0 | 2 37 | 22 12 | 22 11 | 9 3 | 1 55 | 4 12 |
| S 15 | 9 38 | 22 15 | 1n 8 | 18 17 | 0 1 | 17 22 | 4 30 | 7 38 | 0 2 | 23 8 | 0 27 | 8 19 | 2 18 | 22 57 | 0 7 | 6 28 | 1 8 | 24 0 | 2 38 | 22 12 | 22 10 | 9 0 | 1 53 | 4 12 |
| S 16 | 9 16 | 20 57 | 2 17 | 18 12 | 0s10 | 17 22 | 4 23 | 7 55 | 0 2 | 23 9 | 0 27 | 8 21 | 2 18 | 22 57 | 0 7 | 6 28 | 1 8 | 23 59 | 2 38 | 22 12 | 22 10 | 8 58 | 1 52 | 4 12 |
| M17 | 8 54 | 18 16 | 3 20 | 18 6 | 0 20 | 17 21 | 4 16 | 8 12 | 0 3 | 23 9 | 0 28 | 8 23 | 2 18 | 22 57 | 0 7 | 6 27 | 1 8 | 23 59 | 2 38 | 22 12 | 22 10 | 8 56 | 1 51 | 4 12 |
| T 18 | 8 31 | 14 20 | 4 11 | 17 59 | 0 29 | 17 20 | 4 9 | 8 29 | 0 4 | 23 9 | 0 28 | 8 25 | 2 18 | 22 57 | 0 7 | 6 26 | 1 8 | 23 59 | 2 38 | 22 11 | 22 9 | 8 53 | 1 49 | 4 12 |
| W19 | 8 9 | 9 25 | 4 45 | 17 50 | 0 39 | 17 19 | 4 2 | 8 46 | 0 5 | 23 10 | 0 28 | 8 28 | 2 17 | 22 57 | 0 7 | 6 25 | 1 8 | 23 59 | 2 38 | 22 9 | 22 9 | 8 51 | 1 48 | 4 12 |
| T 20 | 7 46 | 3 52 | 5 0 | 17 39 | 0 47 | 17 18 | 3 55 | 9 2 | 0 6 | 23 10 | 0 28 | 8 30 | 2 17 | 22 57 | 0 7 | 6 24 | 1 8 | 23 59 | 2 38 | 22 8 | 22 8 | 8 48 | 1 46 | 4 12 |
| F 21 | 7 23 | 1n53 | 4 53 | 17 27 | 0 56 | 17 16 | 3 48 | 9 19 | 0 6 | 23 10 | 0 28 | 8 32 | 2 17 | 22 57 | 0 7 | 6 23 | 1 8 | 23 59 | 2 38 | 22 6 | 22 8 | 8 46 | 1 45 | 4 12 |
| S 22 | 7 0 | 7 26 | 4 25 | 17 14 | 1 4 | 17 13 | 3 41 | 9 36 | 0 7 | 23 10 | 0 28 | 8 35 | 2 17 | 22 57 | 0 7 | 6 22 | 1 8 | 23 59 | 2 38 | 22 4 | 22 7 | 8 43 | 1 44 | 4 12 |
| S 23 | 6 37 | 12 25 | 3 41 | 17 0 | 1 12 | 17 10 | 3 34 | 9 52 | 0 8 | 23 11 | 0 28 | 8 37 | 2 17 | 22 58 | 0 7 | 6 21 | 1 8 | 23 59 | 2 39 | 22 3 | 22 7 | 8 41 | 1 42 | 4 12 |
| M24 | 6 14 | 16 32 | 2 45 | 16 44 | 1 19 | 17 7 | 3 27 | 10 8 | 0 8 | 23 11 | 0 28 | 8 40 | 2 16 | 22 58 | 0 7 | 6 21 | 1 8 | 23 58 | 2 39 | 22 2 | 22 6 | 8 39 | 1 41 | 4 11 |
| T 25 | 5 51 | 19 37 | 1 40 | 16 26 | 1 26 | 17 3 | 3 20 | 10 25 | 0 9 | 23 11 | 0 28 | 8 42 | 2 16 | 22 58 | 0 7 | 6 20 | 1 8 | 23 58 | 2 39 | 22 2 | 22 6 | 8 36 | 1 39 | 4 11 |
| W26 | 5 28 | 21 32 | 0 33 | 16 8 | 1 33 | 16 59 | 3 13 | 10 41 | 0 10 | 23 11 | 0 28 | 8 44 | 2 16 | 22 58 | 0 7 | 6 19 | 1 8 | 23 58 | 2 39 | 22 2 | 22 5 | 8 34 | 1 38 | 4 11 |
| T 27 | 5 5 | 22 16 | 0s34 | 15 48 | 1 39 | 16 54 | 3 6 | 10 57 | 0 11 | 23 11 | 0 28 | 8 47 | 2 16 | 22 58 | 0 7 | 6 18 | 1 8 | 23 58 | 2 39 | 22 2 | 22 5 | 8 31 | 1 37 | 4 11 |
| F 28 | 4 41 | 21 52 | 1 38 | 15 26 | 1 44 | 16 49 | 2 59 | 11 13 | 0 11 | 23 11 | 0 28 | 8 49 | 2 16 | 22 58 | 0 7 | 6 17 | 1 8 | 23 58 | 2 39 | 22 2 | 22 5 | 8 29 | 1 35 | 4 11 |
| S 29 | 4s18 | 20n26 | 2s36 | 15s 4 | 1s50 | 16s44 | 2n52 | 11n29 | 0n12 | 23n11 | 0n28 | 8n52 | 2s16 | 22n58 | 0n 7 | 6s16 | 1s 8 | 23s58 | 2s39 | 22s 2 | 22s 4 | 8n26 | 1s34 | 4n11 |

Julian Day Number = 2279190.5, Delta T = 228.81 sec
Ecliptic obliquity = 23°29'59, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'20, Lahiri = 17°16'20 Julian Calendar 1 Feb. 1528 == Greg. Calendar 11 Feb. 1528


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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## MARCH 1528 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 11 13 12 | 20♓10'06 | 23♋11 | 26♒ 4 | 3♒58 | 0♉ 7 | 14°D22 | 28♈38 | 16♊56 | 16♓50 | 24♑ 6 | 10°R 4 | 10♐23 | 25♌24 | 16♓21 | S 1 |
| M 2 | 11 17 9 | 21° 9'44 | 5♌ 4 | 27°29 | 4°53 | 0°49 | 14♋22 | 28°45 | 16°57 | 16°52 | 24° 7 | 9♐57 | 10°20 | 25°31 | 16°25 | M 2 |
| T 3 | 11 21 5 | 22° 9'21 | 16°54 | 28°57 | 5°50 | 1°32 | 14°22 | 28°51 | 16°57 | 16°54 | 24° 8 | 9°48 | 10°16 | 25°38 | 16°29 | T 3 |
| W 4 | 11 25 2 | 23° 8'55 | 28°45 | 0♓26 | 6°47 | 2°14 | 14°23 | 28°58 | 16°58 | 16°57 | 24° 9 | 9°36 | 10°13 | 25°44 | 16°33 | W 4 |
| T 5 | 11 28 58 | 24° 8'27 | 10♍40 | 1°56 | 7°44 | 2°56 | 14°23 | 29° 5 | 16°59 | 16°59 | 24°11 | 9°22 | 10°10 | 25°51 | 16°37 | T 5 |
| F 6 | 11 32 55 | 25° 7'56 | 22°40 | 3°28 | 8°42 | 3°39 | 14°24 | 29°12 | 17° 0 | 17° 1 | 24°12 | 9° 8 | 10° 7 | 25°58 | 16°40 | F 6 |
| S 7 | 11 36 51 | 26° 7'24 | 4♎45 | 5° 1 | 9°40 | 4°21 | 14°25 | 29°18 | 17° 2 | 17° 3 | 24°13 | 8°55 | 10° 4 | 26° 5 | 16°44 | S 7 |
| S 8 | 11 40 48 | 27° 6'50 | 16°58 | 6°35 | 10°38 | 5° 3 | 14°27 | 29°25 | 17° 3 | 17° 6 | 24°14 | 8°44 | 10° 1 | 26°11 | 16°48 | S 8 |
| M 9 | 11 44 44 | 28° 6'13 | 29°18 | 8°11 | 11°37 | 5°46 | 14°28 | 29°32 | 17° 4 | 17° 8 | 24°15 | 8°35 | 9°57 | 26°18 | 16°52 | M 9 |
| T 10 | 11 48 41 | 29° 5'35 | 11♏48 | 9°48 | 12°37 | 6°28 | 14°30 | 29°39 | 17° 5 | 17°10 | 24°16 | 8°30 | 9°54 | 26°25 | 16°55 | T 10 |
| W11 | 11 52 38 | 0♈ 4'55 | 24°30 | 11°26 | 13°37 | 7°10 | 14°32 | 29°46 | 17° 7 | 17°12 | 24°17 | 8°27 | 9°51 | 26°31 | 16°59 | W11 |
| T 12 | 11 56 34 | 1° 4'13 | 7♐25 | 13° 6 | 14°37 | 7°52 | 14°34 | 29°53 | 17° 8 | 17°15 | 24°18 | 8°D26 | 9°48 | 26°38 | 17° 3 | T 12 |
| F 13 | 12 0 31 | 2° 3'30 | 20°37 | 14°47 | 15°37 | 8°34 | 14°36 | 0♉ 1 | 17° 9 | 17°17 | 24°19 | 8°26 | 9°45 | 26°45 | 17° 7 | F 13 |
| S 14 | 12 4 27 | 3° 2'44 | 4♑ 8 | 16°29 | 16°38 | 9°16 | 14°38 | 0° 8 | 17°11 | 17°19 | 24°20 | 8°R26 | 9°41 | 26°52 | 17°10 | S 14 |
| S 15 | 12 8 24 | 4° 1'57 | 18° 0 | 18°13 | 17°40 | 9°58 | 14°41 | 0°15 | 17°12 | 17°21 | 24°21 | 8°26 | 9°38 | 26°58 | 17°14 | S 15 |
| M16 | 12 12 20 | 5° 1'08 | 2♒15 | 19°58 | 18°41 | 10°40 | 14°44 | 0°22 | 17°14 | 17°23 | 24°22 | 8°23 | 9°35 | 27° 5 | 17°18 | M16 |
| T 17 | 12 16 17 | 6° 0'18 | 16°50 | 21°45 | 19°43 | 11°22 | 14°47 | 0°29 | 17°15 | 17°26 | 24°23 | 8°18 | 9°32 | 27°12 | 17°21 | T 17 |
| W18 | 12 20 13 | 6°59'25 | 1♓41 | 23°33 | 20°45 | 12° 4 | 14°50 | 0°37 | 17°17 | 17°28 | 24°23 | 8°10 | 9°29 | 27°19 | 17°25 | W18 |
| T 19 | 12 24 10 | 7°58'31 | 16°41 | 25°23 | 21°47 | 12°46 | 14°53 | 0°44 | 17°19 | 17°30 | 24°24 | 8° 1 | 9°26 | 27°25 | 17°29 | T 19 |
| F 20 | 12 28 7 | 8°57'34 | 1♈42 | 27°14 | 22°50 | 13°28 | 14°57 | 0°51 | 17°21 | 17°32 | 24°25 | 7°52 | 9°22 | 27°32 | 17°32 | F 20 |
| S 21 | 12 32 3 | 9°56'36 | 16°33 | 29° 6 | 23°53 | 14°10 | 15° 0 | 0°59 | 17°22 | 17°34 | 24°26 | 7°43 | 9°19 | 27°39 | 17°36 | S 21 |
| S 22 | 12 36 0 | 10°55'35 | 1♉ 5 | 1♈ 0 | 24°56 | 14°51 | 15° 4 | 1° 6 | 17°24 | 17°36 | 24°26 | 7°37 | 9°16 | 27°45 | 17°39 | S 22 |
| M23 | 12 39 56 | 11°54'33 | 15°14 | 2°55 | 26° 0 | 15°33 | 15° 8 | 1°14 | 17°26 | 17°39 | 24°27 | 7°32 | 9°13 | 27°52 | 17°43 | M23 |
| T 24 | 12 43 53 | 12°53'28 | 28°56 | 4°52 | 27° 3 | 16°15 | 15°12 | 1°21 | 17°28 | 17°41 | 24°28 | 7°30 | 9°10 | 27°59 | 17°47 | T 24 |
| W25 | 12 47 49 | 13°52'21 | 12♊10 | 6°50 | 28° 7 | 16°56 | 15°17 | 1°28 | 17°30 | 17°43 | 24°28 | 7°D30 | 9° 6 | 28° 6 | 17°50 | W25 |
| T 26 | 12 51 46 | 14°51'12 | 24°59 | 8°49 | 29°11 | 17°38 | 15°21 | 1°36 | 17°32 | 17°45 | 24°29 | 7°31 | 9° 3 | 28°12 | 17°54 | T 26 |
| F 27 | 12 55 42 | 15°50'00 | 7♋27 | 10°50 | 0♓16 | 18°19 | 15°26 | 1°43 | 17°34 | 17°47 | 24°30 | 7°32 | 9° 0 | 28°19 | 17°57 | F 27 |
| S 28 | 12 59 39 | 16°48'46 | 19°38 | 12°52 | 1°20 | 19° 1 | 15°31 | 1°51 | 17°36 | 17°49 | 24°30 | 7°R32 | 8°57 | 28°26 | 18° 1 | S 28 |
| S 29 | 13 3 36 | 17°47'30 | 1♌38 | 14°56 | 2°25 | 19°42 | 15°36 | 1°59 | 17°38 | 17°51 | 24°31 | 7°31 | 8°54 | 28°32 | 18° 4 | S 29 |
| M30 | 13 7 32 | 18°46'12 | 13°31 | 17° 0 | 3°30 | 20°24 | 15°41 | 2° 6 | 17°40 | 17°53 | 24°31 | 7°28 | 8°51 | 28°39 | 18° 7 | M30 |
| T 31 | 13 11 29 | 19♈44'51 | 25♌23 | 19♈ 5 | 4♓35 | 21♉ 5 | 15♋46 | 2♉14 | 17♊43 | 17♓55 | 24♑32 | 7♐22 | 8♐47 | 28♌46 | 18♓11 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 3s54 | 18n 7 | 3s26 | 14s39 | 1s54 | 16s38 | 2n46 | 11n44 | 0n13 | 23n11 | 0n28 | 8n54 | 2s15 | 22n58 | 0n 7 | 6s15 | 1s 8 | 23s58 | 2s40 | 22s 1 | 22s 4 | 8n24 | 1s32 | 4n11 |
| M 2 | 3 31 | 15 3 | 4 7 | 14 14 | 1 59 | 16 31 | 2 39 | 12 0 | 0 13 | 23 11 | 0 28 | 8 57 | 2 15 | 22 58 | 0 7 | 6 14 | 1 8 | 23 58 | 2 40 | 22 0 | 22 3 | 8 22 | 1 31 | 4 11 |
| T 3 | 3 7 | 11 24 | 4 37 | 13 47 | 2 3 | 16 24 | 2 32 | 12 15 | 0 14 | 23 11 | 0 28 | 8 59 | 2 15 | 22 58 | 0 7 | 6 13 | 1 8 | 23 58 | 2 40 | 21 59 | 22 3 | 8 19 | 1 29 | 4 11 |
| W 4 | 2 44 | 7 19 | 4 55 | 13 19 | 2 7 | 16 17 | 2 25 | 12 31 | 0 15 | 23 11 | 0 28 | 9 2 | 2 15 | 22 58 | 0 7 | 6 13 | 1 8 | 23 58 | 2 40 | 21 57 | 22 2 | 8 17 | 1 28 | 4 11 |
| T 5 | 2 20 | 2 57 | 5 0 | 12 50 | 2 10 | 16 9 | 2 19 | 12 46 | 0 15 | 23 11 | 0 28 | 9 4 | 2 15 | 22 58 | 0 7 | 6 12 | 1 8 | 23 58 | 2 40 | 21 55 | 22 2 | 8 14 | 1 27 | 4 11 |
| F 6 | 1 56 | 1s33 | 4 52 | 12 19 | 2 12 | 16 1 | 2 12 | 13 1 | 0 16 | 23 11 | 0 28 | 9 7 | 2 15 | 22 58 | 0 7 | 6 11 | 1 8 | 23 58 | 2 40 | 21 53 | 22 1 | 8 12 | 1 25 | 4 11 |
| S 7 | 1 33 | 6 2 | 4 31 | 11 47 | 2 15 | 15 52 | 2 5 | 13 16 | 0 17 | 23 11 | 0 28 | 9 10 | 2 15 | 22 59 | 0 7 | 6 10 | 1 8 | 23 58 | 2 41 | 21 51 | 22 1 | 8 9 | 1 24 | 4 11 |
| S 8 | 1 9 | 10 20 | 3 57 | 11 14 | 2 17 | 15 42 | 1 59 | 13 31 | 0 17 | 23 11 | 0 28 | 9 12 | 2 14 | 22 59 | 0 7 | 6 9 | 1 8 | 23 57 | 2 41 | 21 49 | 22 0 | 8 7 | 1 22 | 4 11 |
| M 9 | 0 45 | 14 14 | 3 12 | 10 39 | 2 18 | 15 32 | 1 52 | 13 46 | 0 18 | 23 11 | 0 28 | 9 15 | 2 14 | 22 59 | 0 7 | 6 8 | 1 8 | 23 57 | 2 41 | 21 48 | 22 0 | 8 4 | 1 21 | 4 11 |
| T 10 | 0 22 | 17 35 | 2 16 | 10 4 | 2 19 | 15 22 | 1 46 | 14 0 | 0 19 | 23 11 | 0 28 | 9 17 | 2 14 | 22 59 | 0 7 | 6 7 | 1 8 | 23 57 | 2 41 | 21 47 | 21 59 | 8 2 | 1 19 | 4 11 |
| W11 | 0n 2 | 20 8 | 1 13 | 9 26 | 2 19 | 15 11 | 1 40 | 14 15 | 0 19 | 23 11 | 0 28 | 9 20 | 2 14 | 22 59 | 0 7 | 6 7 | 1 8 | 23 57 | 2 41 | 21 46 | 21 59 | 8 0 | 1 18 | 4 11 |
| T 12 | 0 26 | 21 42 | 0 5 | 8 48 | 2 19 | 15 0 | 1 33 | 14 29 | 0 20 | 23 10 | 0 28 | 9 22 | 2 14 | 22 59 | 0 7 | 6 6 | 1 8 | 23 57 | 2 41 | 21 46 | 21 59 | 7 57 | 1 17 | 4 11 |
| F 13 | 0 49 | 22 6 | 1n 4 | 8 9 | 2 19 | 14 48 | 1 27 | 14 43 | 0 21 | 23 10 | 0 28 | 9 25 | 2 14 | 22 59 | 0 7 | 6 5 | 1 8 | 23 57 | 2 41 | 21 46 | 21 58 | 7 55 | 1 15 | 4 11 |
| S 14 | 1 13 | 21 14 | 2 12 | 7 28 | 2 18 | 14 36 | 1 21 | 14 57 | 0 21 | 23 10 | 0 28 | 9 28 | 2 14 | 22 59 | 0 7 | 6 4 | 1 8 | 23 57 | 2 42 | 21 46 | 21 58 | 7 52 | 1 14 | 4 11 |
| S 15 | 1 36 | 19 5 | 3 14 | 6 46 | 2 16 | 14 23 | 1 15 | 15 11 | 0 22 | 23 10 | 0 28 | 9 30 | 2 13 | 23 0 | 0 7 | 6 3 | 1 8 | 23 57 | 2 42 | 21 46 | 21 57 | 7 50 | 1 12 | 4 11 |
| M16 | 2 0 | 15 43 | 4 6 | 6 2 | 2 15 | 14 10 | 1 9 | 15 25 | 0 23 | 23 9 | 0 28 | 9 33 | 2 13 | 23 0 | 0 7 | 6 2 | 1 8 | 23 57 | 2 42 | 21 46 | 21 57 | 7 47 | 1 11 | 4 11 |
| T 17 | 2 23 | 11 20 | 4 43 | 5 18 | 2 12 | 13 56 | 1 3 | 15 39 | 0 23 | 23 9 | 0 28 | 9 36 | 2 13 | 23 0 | 0 7 | 6 1 | 1 8 | 23 57 | 2 42 | 21 45 | 21 56 | 7 45 | 1 9 | 4 11 |
| W18 | 2 47 | 6 12 | 5 2 | 4 32 | 2 9 | 13 42 | 0 57 | 15 52 | 0 24 | 23 9 | 0 29 | 9 38 | 2 13 | 23 0 | 0 7 | 6 1 | 1 8 | 23 57 | 2 42 | 21 44 | 21 56 | 7 42 | 1 8 | 4 11 |
| T 19 | 3 10 | 0 39 | 5 0 | 3 46 | 2 6 | 13 28 | 0 52 | 16 6 | 0 24 | 23 8 | 0 29 | 9 41 | 2 13 | 23 0 | 0 7 | 6 0 | 1 8 | 23 57 | 2 42 | 21 42 | 21 55 | 7 40 | 1 7 | 4 11 |
| F 20 | 3 34 | 4n56 | 4 38 | 2 58 | 2 2 | 13 13 | 0 46 | 16 19 | 0 25 | 23 8 | 0 29 | 9 43 | 2 13 | 23 0 | 0 7 | 5 59 | 1 8 | 23 57 | 2 43 | 21 41 | 21 55 | 7 38 | 1 5 | 4 11 |
| S 21 | 3 57 | 10 10 | 3 58 | 2 9 | 1 57 | 12 58 | 0 40 | 16 32 | 0 26 | 23 8 | 0 29 | 9 46 | 2 13 | 23 1 | 0 7 | 5 58 | 1 8 | 23 57 | 2 43 | 21 39 | 21 54 | 7 35 | 1 4 | 4 11 |
| S 22 | 4 20 | 14 43 | 3 2 | 1 19 | 1 52 | 12 42 | 0 35 | 16 45 | 0 26 | 23 7 | 0 29 | 9 49 | 2 13 | 23 1 | 0 7 | 5 57 | 1 8 | 23 57 | 2 43 | 21 38 | 21 54 | 7 33 | 1 2 | 4 11 |
| M23 | 4 43 | 18 18 | 1 56 | 0 28 | 1 47 | 12 26 | 0 29 | 16 58 | 0 27 | 23 7 | 0 29 | 9 51 | 2 13 | 23 1 | 0 7 | 5 57 | 1 8 | 23 57 | 2 43 | 21 37 | 21 53 | 7 30 | 1 1 | 4 11 |
| T 24 | 5 6 | 20 43 | 0 46 | 0n24 | 1 41 | 12 9 | 0 24 | 17 11 | 0 27 | 23 6 | 0 29 | 9 54 | 2 12 | 23 1 | 0 7 | 5 56 | 1 8 | 23 57 | 2 43 | 21 37 | 21 53 | 7 28 | 0 59 | 4 11 |
| W25 | 5 29 | 21 54 | 0s25 | 1 17 | 1 34 | 11 52 | 0 19 | 17 23 | 0 28 | 23 6 | 0 29 | 9 57 | 2 12 | 23 1 | 0 7 | 5 55 | 1 8 | 23 58 | 2 43 | 21 37 | 21 52 | 7 25 | 0 58 | 4 11 |
| T 26 | 5 52 | 21 52 | 1 33 | 2 10 | 1 27 | 11 34 | 0 13 | 17 35 | 0 29 | 23 5 | 0 29 | 9 59 | 2 12 | 23 2 | 0 7 | 5 54 | 1 8 | 23 58 | 2 44 | 21 37 | 21 52 | 7 23 | 0 57 | 4 11 |
| F 27 | 6 15 | 20 44 | 2 34 | 3 5 | 1 20 | 11 17 | 0 8 | 17 48 | 0 29 | 23 5 | 0 29 | 10 2 | 2 12 | 23 2 | 0 7 | 5 53 | 1 8 | 23 58 | 2 44 | 21 37 | 21 51 | 7 20 | 0 55 | 4 11 |
| S 28 | 6 37 | 18 39 | 3 27 | 4 0 | 1 12 | 10 58 | 0 3 | 18 0 | 0 30 | 23 4 | 0 29 | 10 5 | 2 12 | 23 2 | 0 7 | 5 53 | 1 8 | 23 58 | 2 44 | 21 37 | 21 51 | 7 18 | 0 54 | 4 11 |
| S 29 | 7 0 | 15 47 | 4 10 | 4 55 | 1 3 | 10 40 | 0s 2 | 18 11 | 0 30 | 23 4 | 0 29 | 10 7 | 2 12 | 23 2 | 0 7 | 5 52 | 1 8 | 23 58 | 2 44 | 21 37 | 21 50 | 7 16 | 0 52 | 4 11 |
| M30 | 7 22 | 12 19 | 4 41 | 5 51 | 0 54 | 10 21 | 0 6 | 18 23 | 0 31 | 23 3 | 0 29 | 10 10 | 2 12 | 23 2 | 0 7 | 5 51 | 1 8 | 23 58 | 2 44 | 21 37 | 21 50 | 7 13 | 0 51 | 4 11 |
| T 31 | 7n45 | 8n22 | 5s 1 | 6n48 | 0s45 | 10s 2 | 0s11 | 18n35 | 0n31 | 23n 3 | 0n29 | 10n13 | 2s12 | 23n 3 | 0n 7 | 5s50 | 1s 8 | 23s58 | 2s44 | 21s36 | 21s49 | 7n11 | 0s50 | 4n11 |

Julian Day Number = 2279219.5, Delta T = 228.63 sec
Ecliptic obliquity = 23°30'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'24, Lahiri = 17°16'24 Julian Calendar 1 March 1528 == Greg. Calendar 11 March 1528



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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## APRIL 1528 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 13 15 25 | 20♈43'29 | 7♍16 | 21♈11 | 5♓41 | 21♉46 | 15♋52 | 2♉21 | 17♊45 | 17♓57 | 24♑32 | 7°R16 | 8♐44 | 28♌53 | 18♓14 | W 1 |
| T 2 | 13 19 22 | 21°42'03 | 19°14 | 23°18 | 6°46 | 22°28 | 15°57 | 2°29 | 17°47 | 17°59 | 24°33 | 7♐ 7 | 8°41 | 28°59 | 18°17 | T 2 |
| F 3 | 13 23 18 | 22°40'36 | 1♎20 | 25°26 | 7°52 | 23° 9 | 16° 3 | 2°37 | 17°50 | 18° 1 | 24°33 | 6°59 | 8°38 | 29° 6 | 18°21 | F 3 |
| S 4 | 13 27 15 | 23°39'07 | 13°35 | 27°33 | 8°58 | 23°50 | 16° 9 | 2°44 | 17°52 | 18° 3 | 24°33 | 6°51 | 8°35 | 29°13 | 18°24 | S 4 |
| S 5 | 13 31 11 | 24°37'36 | 26° 0 | 29°41 | 10° 4 | 24°31 | 16°15 | 2°52 | 17°54 | 18° 5 | 24°34 | 6°44 | 8°32 | 29°19 | 18°27 | S 5 |
| M 6 | 13 35 8 | 25°36'03 | 8♏37 | 1♉48 | 11°10 | 25°12 | 16°21 | 3° 0 | 17°57 | 18° 7 | 24°34 | 6°39 | 8°28 | 29°26 | 18°30 | M 6 |
| T 7 | 13 39 4 | 26°34'29 | 21°24 | 3°55 | 12°16 | 25°53 | 16°28 | 3° 7 | 17°59 | 18° 9 | 24°34 | 6°36 | 8°25 | 29°33 | 18°34 | T 7 |
| W 8 | 13 43 1 | 27°32'52 | 4♐24 | 6° 1 | 13°23 | 26°34 | 16°34 | 3°15 | 18° 2 | 18°10 | 24°34 | 6°D35 | 8°22 | 29°40 | 18°37 | W 8 |
| T 9 | 13 46 58 | 28°31'14 | 17°36 | 8° 6 | 14°29 | 27°16 | 16°41 | 3°23 | 18° 4 | 18°12 | 24°35 | 6°35 | 8°19 | 29°46 | 18°40 | T 9 |
| F 10 | 13 50 54 | 29°29'34 | 1♑ 1 | 10°10 | 15°36 | 27°56 | 16°48 | 3°30 | 18° 7 | 18°14 | 24°35 | 6°37 | 8°16 | 29°53 | 18°43 | F 10 |
| S 11 | 13 54 51 | 0♉27'53 | 14°40 | 12°11 | 16°43 | 28°37 | 16°55 | 3°38 | 18°10 | 18°16 | 24°35 | 6°38 | 8°12 | 29°59 | 18°46 | S 11 |
| S 12 | 13 58 47 | 1°26'10 | 28°33 | 14°11 | 17°50 | 29°18 | 17° 2 | 3°46 | 18°12 | 18°18 | 24°35 | 6°R39 | 8° 9 | 0♍ 7 | 18°49 | S 12 |
| M13 | 14 2 44 | 2°24'26 | 12♒40 | 16° 8 | 18°57 | 29°59 | 17° 9 | 3°54 | 18°15 | 18°19 | 24°35 | 6°39 | 8° 6 | 0°13 | 18°52 | M13 |
| T 14 | 14 6 40 | 3°22'40 | 27° 0 | 18° 2 | 20° 5 | 0♊40 | 17°16 | 4° 1 | 18°18 | 18°21 | 24°35 | 6°37 | 8° 3 | 0°20 | 18°55 | T 14 |
| W15 | 14 10 37 | 4°20'53 | 11♓30 | 19°54 | 21°12 | 1°21 | 17°24 | 4° 9 | 18°21 | 18°23 | 24°35 | 6°34 | 8° 0 | 0°27 | 18°58 | W15 |
| T 16 | 14 14 33 | 5°19'04 | 26° 5 | 21°42 | 22°20 | 2° 2 | 17°31 | 4°17 | 18°23 | 18°25 | 24°R35 | 6°29 | 7°57 | 0°33 | 19° 1 | T 16 |
| F 17 | 14 18 30 | 6°17'13 | 10♈40 | 23°28 | 23°27 | 2°42 | 17°39 | 4°24 | 18°26 | 18°26 | 24°35 | 6°25 | 7°53 | 0°40 | 19° 4 | F 17 |
| S 18 | 14 22 27 | 7°15'21 | 25° 7 | 25°10 | 24°35 | 3°23 | 17°47 | 4°32 | 18°29 | 18°28 | 24°35 | 6°21 | 7°50 | 0°47 | 19° 7 | S 18 |
| S 19 | 14 26 23 | 8°13'28 | 9♉21 | 26°48 | 25°43 | 4° 4 | 17°55 | 4°40 | 18°32 | 18°30 | 24°35 | 6°18 | 7°47 | 0°54 | 19° 9 | S 19 |
| M20 | 14 30 20 | 9°11'32 | 23°17 | 28°23 | 26°51 | 4°44 | 18° 3 | 4°48 | 18°35 | 18°31 | 24°35 | 6°16 | 7°44 | 1° 0 | 19°12 | M20 |
| T 21 | 14 34 16 | 10° 9'35 | 6♊51 | 29°54 | 27°59 | 5°25 | 18°12 | 4°55 | 18°38 | 18°33 | 24°35 | 6°D15 | 7°41 | 1° 7 | 19°15 | T 21 |
| W22 | 14 38 13 | 11° 7'37 | 20° 3 | 1♊21 | 29° 7 | 6° 5 | 18°20 | 5° 3 | 18°41 | 18°34 | 24°35 | 6°16 | 7°38 | 1°14 | 19°17 | W22 |
| T 23 | 14 42 9 | 12° 5'36 | 2♋53 | 2°44 | 0♈16 | 6°46 | 18°28 | 5°11 | 18°44 | 18°36 | 24°35 | 6°17 | 7°34 | 1°20 | 19°20 | T 23 |
| F 24 | 14 46 6 | 13° 3'34 | 15°24 | 4° 4 | 1°24 | 7°26 | 18°37 | 5°18 | 18°47 | 18°37 | 24°34 | 6°19 | 7°31 | 1°27 | 19°23 | F 24 |
| S 25 | 14 50 2 | 14° 1'30 | 27°38 | 5°19 | 2°33 | 8° 7 | 18°46 | 5°26 | 18°50 | 18°39 | 24°34 | 6°20 | 7°28 | 1°34 | 19°25 | S 25 |
| S 26 | 14 53 59 | 14°59'24 | 9♌41 | 6°30 | 3°41 | 8°47 | 18°55 | 5°34 | 18°53 | 18°40 | 24°34 | 6°R21 | 7°25 | 1°41 | 19°28 | S 26 |
| M27 | 14 57 56 | 15°57'16 | 21°36 | 7°37 | 4°50 | 9°28 | 19° 4 | 5°41 | 18°56 | 18°42 | 24°34 | 6°21 | 7°22 | 1°47 | 19°30 | M27 |
| T 28 | 15 1 52 | 16°55'07 | 3♍29 | 8°40 | 5°59 | 10° 8 | 19°13 | 5°49 | 18°59 | 18°43 | 24°33 | 6°20 | 7°18 | 1°54 | 19°33 | T 28 |
| W29 | 15 5 49 | 17°52'55 | 15°24 | 9°38 | 7° 7 | 10°48 | 19°22 | 5°57 | 19° 3 | 18°45 | 24°33 | 6°18 | 7°15 | 2° 1 | 19°35 | W29 |
| T 30 | 15 9 45 | 18♉50'42 | 27♍25 | 10♊33 | 8♈16 | 11♊28 | 19♋31 | 6♉ 4 | 19♊ 6 | 18♓46 | 24♑33 | 6♐16 | 7♐12 | 2♍ 8 | 19♓37 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 8n 7 | 4n 6 | 5s 7 | 7n44 | 0s35 | 9s42 | 0s16 | 18n46 | 0n32 | 23n 2 | 0n29 | 10n15 | 2s12 | 23n 3 | 0n 7 | 5s50 | 1s 8 | 23s58 | 2s45 | 21s35 | 21s49 | 7n 8 | 0s48 | 4n11 |
| T 2 | 8 29 | 0s20 | 5 1 | 8 41 | 0 25 | 9 22 | 0 20 | 18 57 | 0 32 | 23 1 | 0 29 | 10 18 | 2 12 | 23 3 | 0 7 | 5 49 | 1 9 | 23 58 | 2 45 | 21 33 | 21 48 | 7 6 | 0 47 | 4 12 |
| F 3 | 8 51 | 4 49 | 4 40 | 9 37 | 0 15 | 9 2 | 0 25 | 19 8 | 0 33 | 23 1 | 0 29 | 10 21 | 2 12 | 23 3 | 0 7 | 5 48 | 1 9 | 23 58 | 2 45 | 21 32 | 21 48 | 7 3 | 0 46 | 4 12 |
| S 4 | 9 12 | 9 10 | 4 7 | 10 34 | 0 5 | 8 41 | 0 29 | 19 19 | 0 33 | 23 0 | 0 29 | 10 23 | 2 12 | 23 3 | 0 7 | 5 47 | 1 9 | 23 58 | 2 45 | 21 31 | 21 47 | 7 1 | 0 44 | 4 12 |
| S 5 | 9 34 | 13 12 | 3 22 | 11 29 | 0n 6 | 8 20 | 0 33 | 19 30 | 0 34 | 22 59 | 0 29 | 10 26 | 2 12 | 23 4 | 0 7 | 5 47 | 1 9 | 23 58 | 2 45 | 21 29 | 21 47 | 6 58 | 0 43 | 4 12 |
| M 6 | 9 55 | 16 42 | 2 26 | 12 24 | 0 17 | 7 59 | 0 38 | 19 40 | 0 35 | 22 58 | 0 29 | 10 29 | 2 12 | 23 4 | 0 7 | 5 46 | 1 9 | 23 59 | 2 45 | 21 29 | 21 46 | 6 56 | 0 42 | 4 12 |
| T 7 | 10 17 | 19 28 | 1 21 | 13 18 | 0 28 | 7 37 | 0 42 | 19 51 | 0 35 | 22 58 | 0 29 | 10 31 | 2 11 | 23 4 | 0 7 | 5 45 | 1 9 | 23 59 | 2 46 | 21 28 | 21 46 | 6 54 | 0 40 | 4 12 |
| W 8 | 10 38 | 21 16 | 0 12 | 14 10 | 0 39 | 7 15 | 0 46 | 20 1 | 0 36 | 22 57 | 0 29 | 10 34 | 2 11 | 23 4 | 0 7 | 5 44 | 1 9 | 23 59 | 2 46 | 21 28 | 21 45 | 6 51 | 0 39 | 4 12 |
| T 9 | 10 59 | 21 56 | 1n 0 | 15 1 | 0 49 | 6 53 | 0 49 | 20 11 | 0 36 | 22 56 | 0 29 | 10 37 | 2 11 | 23 5 | 0 7 | 5 44 | 1 9 | 23 59 | 2 46 | 21 28 | 21 45 | 6 49 | 0 38 | 4 12 |
| F 10 | 11 19 | 21 21 | 2 9 | 15 51 | 1 0 | 6 30 | 0 53 | 20 21 | 0 37 | 22 55 | 0 29 | 10 39 | 2 11 | 23 5 | 0 7 | 5 43 | 1 9 | 23 59 | 2 46 | 21 28 | 21 44 | 6 46 | 0 36 | 4 12 |
| S 11 | 11 40 | 19 30 | 3 12 | 16 39 | 1 10 | 6 8 | 0 57 | 20 30 | 0 37 | 22 54 | 0 29 | 10 42 | 2 11 | 23 5 | 0 7 | 5 42 | 1 9 | 23 59 | 2 46 | 21 28 | 21 44 | 6 44 | 0 35 | 4 12 |
| S 12 | 12 0 | 16 29 | 4 6 | 17 24 | 1 20 | 5 45 | 1 0 | 20 40 | 0 38 | 22 53 | 0 29 | 10 45 | 2 11 | 23 5 | 0 7 | 5 42 | 1 9 | 23 59 | 2 46 | 21 28 | 21 43 | 6 41 | 0 34 | 4 12 |
| M13 | 12 20 | 12 29 | 4 45 | 18 8 | 1 30 | 5 22 | 1 4 | 20 49 | 0 38 | 22 53 | 0 29 | 10 47 | 2 11 | 23 6 | 0 7 | 5 41 | 1 9 | 23 59 | 2 47 | 21 28 | 21 43 | 6 39 | 0 33 | 4 12 |
| T 14 | 12 40 | 7 43 | 5 7 | 18 49 | 1 39 | 4 58 | 1 7 | 20 58 | 0 39 | 22 52 | 0 29 | 10 50 | 2 11 | 23 6 | 0 7 | 5 40 | 1 9 | 24 0 | 2 47 | 21 28 | 21 42 | 6 36 | 0 31 | 4 13 |
| W15 | 13 0 | 2 29 | 5 11 | 19 29 | 1 47 | 4 35 | 1 10 | 21 7 | 0 39 | 22 51 | 0 29 | 10 53 | 2 11 | 23 6 | 0 7 | 5 40 | 1 9 | 24 0 | 2 47 | 21 28 | 21 42 | 6 34 | 0 30 | 4 13 |
| T 16 | 13 20 | 2n56 | 4 54 | 20 5 | 1 55 | 4 11 | 1 14 | 21 16 | 0 39 | 22 50 | 0 29 | 10 55 | 2 11 | 23 6 | 0 7 | 5 39 | 1 9 | 24 0 | 2 47 | 21 27 | 21 41 | 6 32 | 0 29 | 4 13 |
| F 17 | 13 39 | 8 11 | 4 18 | 20 39 | 2 2 | 3 47 | 1 17 | 21 24 | 0 40 | 22 49 | 0 29 | 10 58 | 2 11 | 23 7 | 0 7 | 5 38 | 1 9 | 24 0 | 2 47 | 21 26 | 21 41 | 6 29 | 0 28 | 4 13 |
| S 18 | 13 58 | 12 56 | 3 26 | 21 11 | 2 9 | 3 22 | 1 20 | 21 33 | 0 40 | 22 48 | 0 29 | 11 0 | 2 11 | 23 7 | 0 7 | 5 38 | 1 9 | 24 0 | 2 47 | 21 25 | 21 40 | 6 27 | 0 27 | 4 13 |
| S 19 | 14 17 | 16 53 | 2 22 | 21 40 | 2 14 | 2 58 | 1 22 | 21 41 | 0 41 | 22 47 | 0 29 | 11 3 | 2 11 | 23 7 | 0 7 | 5 37 | 1 9 | 24 0 | 2 48 | 21 25 | 21 40 | 6 24 | 0 25 | 4 13 |
| M20 | 14 36 | 19 47 | 1 11 | 22 7 | 2 19 | 2 33 | 1 25 | 21 49 | 0 41 | 22 46 | 0 29 | 11 6 | 2 11 | 23 7 | 0 7 | 5 37 | 1 9 | 24 1 | 2 48 | 21 24 | 21 39 | 6 22 | 0 24 | 4 13 |
| T 21 | 14 54 | 21 27 | 0s 3 | 22 31 | 2 23 | 2 9 | 1 28 | 21 57 | 0 42 | 22 45 | 0 29 | 11 8 | 2 11 | 23 8 | 0 7 | 5 36 | 1 9 | 24 1 | 2 48 | 21 24 | 21 39 | 6 19 | 0 23 | 4 13 |
| W22 | 15 12 | 21 53 | 1 15 | 22 53 | 2 27 | 1 44 | 1 30 | 22 4 | 0 42 | 22 43 | 0 29 | 11 11 | 2 11 | 23 8 | 0 7 | 5 35 | 1 9 | 24 1 | 2 48 | 21 24 | 21 38 | 6 17 | 0 22 | 4 13 |
| T 23 | 15 30 | 21 7 | 2 21 | 23 12 | 2 29 | 1 19 | 1 33 | 22 12 | 0 43 | 22 42 | 0 29 | 11 13 | 2 11 | 23 8 | 0 7 | 5 35 | 1 9 | 24 1 | 2 48 | 21 25 | 21 38 | 6 14 | 0 21 | 4 14 |
| F 24 | 15 48 | 19 19 | 3 19 | 23 29 | 2 31 | 0 54 | 1 35 | 22 19 | 0 43 | 22 41 | 0 29 | 11 16 | 2 11 | 23 8 | 0 7 | 5 34 | 1 9 | 24 1 | 2 48 | 21 25 | 21 37 | 6 12 | 0 20 | 4 14 |
| S 25 | 16 5 | 16 40 | 4 6 | 23 43 | 2 31 | 0 28 | 1 37 | 22 26 | 0 44 | 22 40 | 0 29 | 11 18 | 2 11 | 23 9 | 0 7 | 5 34 | 1 9 | 24 2 | 2 49 | 21 25 | 21 37 | 6 10 | 0 18 | 4 14 |
| S 26 | 16 22 | 13 21 | 4 42 | 23 56 | 2 31 | 0 3 | 1 39 | 22 33 | 0 44 | 22 39 | 0 29 | 11 21 | 2 11 | 23 9 | 0 7 | 5 33 | 1 9 | 24 2 | 2 49 | 21 25 | 21 36 | 6 7 | 0 17 | 4 14 |
| M27 | 16 39 | 9 32 | 5 5 | 24 6 | 2 30 | 0n22 | 1 41 | 22 39 | 0 44 | 22 37 | 0 29 | 11 23 | 2 11 | 23 9 | 0 7 | 5 33 | 1 9 | 24 2 | 2 49 | 21 25 | 21 36 | 6 5 | 0 16 | 4 14 |
| T 28 | 16 56 | 5 22 | 5 15 | 24 14 | 2 28 | 0 48 | 1 43 | 22 46 | 0 45 | 22 36 | 0 29 | 11 26 | 2 11 | 23 9 | 0 7 | 5 32 | 1 9 | 24 2 | 2 49 | 21 25 | 21 35 | 6 2 | 0 15 | 4 14 |
| W29 | 17 12 | 0 59 | 5 11 | 24 20 | 2 24 | 1 14 | 1 45 | 22 52 | 0 45 | 22 35 | 0 29 | 11 28 | 2 11 | 23 10 | 0 7 | 5 32 | 1 9 | 24 2 | 2 49 | 21 25 | 21 35 | 6 0 | 0 14 | 4 14 |
| T 30 | 17n28 | 3s28 | 4s54 | 24n24 | 2n20 | 1n39 | 1s47 | 22n58 | 0n46 | 22n34 | 0n29 | 11n31 | 2s11 | 23n10 | 0n 7 | 5s31 | 1s10 | 24s 3 | 2s49 | 21s25 | 21s34 | 5n57 | 0s13 | 4n14 |

Julian Day Number = 2279250.5, Delta T = 228.44 sec
Ecliptic obliquity = 23°29'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'28, Lahiri = 17°16'28 Julian Calendar 1 Apr. 1528 == Greg. Calendar 11 Apr. 1528



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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## MAY 1528 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 15 13 42 | 19♉48'28 | 9♎36 | 11♊22 | 9♈25 | 12♊ 9 | 19♋40 | 6♉12 | 19♊ 9 | 18♓47 | 24°R32 | 6°R14 | 7♐ 9 | 2♍14 | 19♓40 | F 1 |
| S 2 | 15 17 38 | 20°46'11 | 21°59 | 12° 8 | 10°34 | 12°49 | 19°50 | 6°19 | 19°12 | 18°49 | 24♑32 | 6♐11 | 7° 6 | 2°21 | 19°42 | S 2 |
| S 3 | 15 21 35 | 21°43'54 | 4♏36 | 12°48 | 11°44 | 13°29 | 20° 0 | 6°27 | 19°15 | 18°50 | 24°31 | 6° 9 | 7° 3 | 2°28 | 19°44 | S 3 |
| M 4 | 15 25 31 | 22°41'35 | 17°29 | 13°25 | 12°53 | 14° 9 | 20° 9 | 6°34 | 19°19 | 18°51 | 24°31 | 6° 8 | 6°59 | 2°34 | 19°46 | M 4 |
| T 5 | 15 29 28 | 23°39'14 | 0♐37 | 13°56 | 14° 2 | 14°49 | 20°19 | 6°42 | 19°22 | 18°52 | 24°30 | 6°D 7 | 6°56 | 2°41 | 19°48 | T 5 |
| W 6 | 15 33 25 | 24°36'53 | 14° 0 | 14°23 | 15°11 | 15°29 | 20°29 | 6°49 | 19°25 | 18°54 | 24°30 | 6° 7 | 6°53 | 2°48 | 19°50 | W 6 |
| T 7 | 15 37 21 | 25°34'30 | 27°37 | 14°45 | 16°21 | 16° 9 | 20°39 | 6°57 | 19°29 | 18°55 | 24°29 | 6° 8 | 6°50 | 2°55 | 19°52 | T 7 |
| F 8 | 15 41 18 | 26°32'06 | 11♑25 | 15° 2 | 17°30 | 16°49 | 20°49 | 7° 4 | 19°32 | 18°56 | 24°29 | 6° 9 | 6°47 | 3° 1 | 19°54 | F 8 |
| S 9 | 15 45 14 | 27°29'41 | 25°23 | 15°15 | 18°40 | 17°29 | 20°59 | 7°12 | 19°35 | 18°57 | 24°28 | 6°10 | 6°43 | 3° 8 | 19°56 | S 9 |
| S 10 | 15 49 11 | 28°27'15 | 9♒29 | 15°22 | 19°50 | 18° 9 | 21° 9 | 7°19 | 19°39 | 18°58 | 24°27 | 6°10 | 6°40 | 3°15 | 19°58 | S 10 |
| M11 | 15 53 7 | 29°24'48 | 23°40 | 15°R25 | 20°59 | 18°49 | 21°20 | 7°27 | 19°42 | 18°59 | 24°27 | 6°R11 | 6°37 | 3°22 | 20° 0 | M11 |
| T 12 | 15 57 4 | 0♊22'20 | 7♓55 | 15°24 | 22° 9 | 19°29 | 21°30 | 7°34 | 19°46 | 19° 0 | 24°26 | 6°10 | 6°34 | 3°28 | 20° 2 | T 12 |
| W13 | 16 1 0 | 1°19'52 | 22°10 | 15°18 | 23°19 | 20° 9 | 21°41 | 7°41 | 19°49 | 19° 1 | 24°25 | 6°10 | 6°31 | 3°35 | 20° 4 | W13 |
| T 14 | 16 4 57 | 2°17'22 | 6♈23 | 15° 8 | 24°29 | 20°48 | 21°51 | 7°49 | 19°52 | 19° 2 | 24°25 | 6°10 | 6°28 | 3°42 | 20° 5 | T 14 |
| F 15 | 16 8 54 | 3°14'52 | 20°30 | 14°53 | 25°39 | 21°28 | 22° 2 | 7°56 | 19°56 | 19° 3 | 24°24 | 6°10 | 6°24 | 3°48 | 20° 7 | F 15 |
| S 16 | 16 12 50 | 4°12'21 | 4♉29 | 14°35 | 26°49 | 22° 8 | 22°13 | 8° 3 | 19°59 | 19° 4 | 24°23 | 6° 9 | 6°21 | 3°55 | 20° 8 | S 16 |
| S 17 | 16 16 47 | 5° 9'50 | 18°16 | 14°13 | 27°59 | 22°48 | 22°24 | 8°10 | 20° 3 | 19° 5 | 24°22 | 6° 9 | 6°18 | 4° 2 | 20°10 | S 17 |
| M18 | 16 20 43 | 6° 7'17 | 1♊50 | 13°48 | 29° 9 | 23°27 | 22°34 | 8°17 | 20° 6 | 19° 6 | 24°21 | 6° 9 | 6°15 | 4° 9 | 20°11 | M18 |
| T 19 | 16 24 40 | 7° 4'44 | 15° 7 | 13°21 | 0♉20 | 24° 7 | 22°45 | 8°25 | 20°10 | 19° 6 | 24°21 | 6° 9 | 6°12 | 4°15 | 20°13 | T 19 |
| W20 | 16 28 36 | 8° 2'09 | 28° 7 | 12°51 | 1°30 | 24°47 | 22°57 | 8°32 | 20°13 | 19° 7 | 24°20 | 6° 9 | 6° 9 | 4°22 | 20°14 | W20 |
| T 21 | 16 32 33 | 8°59'34 | 10♋51 | 12°19 | 2°40 | 25°26 | 23° 8 | 8°39 | 20°17 | 19° 8 | 24°19 | 6° 9 | 6° 5 | 4°29 | 20°16 | T 21 |
| F 22 | 16 36 29 | 9°56'57 | 23°18 | 11°47 | 3°51 | 26° 6 | 23°19 | 8°46 | 20°20 | 19° 9 | 24°18 | 6° 8 | 6° 2 | 4°35 | 20°17 | F 22 |
| S 23 | 16 40 26 | 10°54'20 | 5♌32 | 11°13 | 5° 1 | 26°45 | 23°30 | 8°53 | 20°24 | 19° 9 | 24°17 | 6° 8 | 5°59 | 4°42 | 20°18 | S 23 |
| S 24 | 16 44 23 | 11°51'41 | 17°35 | 10°40 | 6°12 | 27°25 | 23°42 | 9° 0 | 20°27 | 19°10 | 24°16 | 6° 7 | 5°56 | 4°49 | 20°19 | S 24 |
| M25 | 16 48 19 | 12°49'02 | 29°31 | 10° 7 | 7°22 | 28° 4 | 23°53 | 9° 7 | 20°31 | 19°10 | 24°15 | 6° 7 | 5°53 | 4°56 | 20°20 | M25 |
| T 26 | 16 52 16 | 13°46'21 | 11♍24 | 9°35 | 8°33 | 28°44 | 24° 4 | 9°13 | 20°35 | 19°11 | 24°14 | 6°D 7 | 5°49 | 5° 2 | 20°21 | T 26 |
| W27 | 16 56 12 | 14°43'39 | 23°20 | 9° 4 | 9°43 | 29°23 | 24°16 | 9°20 | 20°38 | 19°12 | 24°13 | 6° 7 | 5°46 | 5° 9 | 20°22 | W27 |
| T 28 | 17 0 9 | 15°40'57 | 5♎21 | 8°36 | 10°54 | 0♋ 3 | 24°28 | 9°27 | 20°42 | 19°12 | 24°12 | 6° 7 | 5°43 | 5°16 | 20°23 | T 28 |
| F 29 | 17 4 5 | 16°38'13 | 17°33 | 8°10 | 12° 5 | 0°42 | 24°39 | 9°34 | 20°45 | 19°13 | 24°11 | 6° 8 | 5°40 | 5°23 | 20°24 | F 29 |
| S 30 | 17 8 2 | 17°35'29 | 0♏ 1 | 7°48 | 13°15 | 1°21 | 24°51 | 9°40 | 20°49 | 19°13 | 24°10 | 6° 9 | 5°37 | 5°29 | 20°25 | S 30 |
| S 31 | 17 11 58 | 18♊32'44 | 12♏45 | 7♊28 | 14♉26 | 2♋ 1 | 25♋ 3 | 9♉47 | 20♊52 | 19♓13 | 24♑ 9 | 6♐10 | 5♐34 | 5♍36 | 20♓26 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 17n44 | 7s51 | 4s23 | 24n26 | 2n15 | 2n 5 | 1s48 | 23n 4 | 0n46 | 22n32 | 0n29 | 11n33 | 2s11 | 23n10 | 0n 7 | 5s31 | 1s10 | 24s 3 | 2s50 | 21s24 | 21s33 | 5n55 | 0s12 | 4n15 |
| S 2 | 17 59 | 11 59 | 3 40 | 24 26 | 2 9 | 2 31 | 1 50 | 23 10 | 0 46 | 22 31 | 0 29 | 11 36 | 2 11 | 23 10 | 0 7 | 5 30 | 1 10 | 24 3 | 2 50 | 21 24 | 21 33 | 5 52 | 0 11 | 4 15 |
| S 3 | 18 15 | 15 41 | 2 45 | 24 25 | 2 2 | 2 56 | 1 51 | 23 15 | 0 47 | 22 30 | 0 29 | 11 38 | 2 11 | 23 11 | 0 7 | 5 30 | 1 10 | 24 3 | 2 50 | 21 23 | 21 32 | 5 50 | 0 10 | 4 15 |
| M 4 | 18 29 | 18 43 | 1 41 | 24 21 | 1 54 | 3 22 | 1 53 | 23 20 | 0 47 | 22 28 | 0 29 | 11 41 | 2 11 | 23 11 | 0 7 | 5 29 | 1 10 | 24 4 | 2 50 | 21 23 | 21 32 | 5 48 | 0 9 | 4 15 |
| T 5 | 18 44 | 20 50 | 0 30 | 24 16 | 1 45 | 3 48 | 1 54 | 23 25 | 0 48 | 22 27 | 0 30 | 11 43 | 2 11 | 23 11 | 0 7 | 5 29 | 1 10 | 24 4 | 2 50 | 21 23 | 21 31 | 5 45 | 0 8 | 4 15 |
| W 6 | 18 58 | 21 49 | 0n43 | 24 9 | 1 35 | 4 14 | 1 55 | 23 30 | 0 48 | 22 25 | 0 30 | 11 46 | 2 11 | 23 12 | 0 7 | 5 29 | 1 10 | 24 4 | 2 50 | 21 23 | 21 31 | 5 43 | 0 7 | 4 15 |
| T 7 | 19 12 | 21 33 | 1 56 | 24 1 | 1 24 | 4 40 | 1 56 | 23 35 | 0 48 | 22 24 | 0 30 | 11 48 | 2 11 | 23 12 | 0 7 | 5 28 | 1 10 | 24 4 | 2 51 | 21 23 | 21 30 | 5 40 | 0 6 | 4 16 |
| F 8 | 19 26 | 19 58 | 3 3 | 23 51 | 1 12 | 5 5 | 1 57 | 23 39 | 0 49 | 22 22 | 0 30 | 11 50 | 2 11 | 23 12 | 0 7 | 5 28 | 1 10 | 24 5 | 2 51 | 21 23 | 21 30 | 5 38 | 0 5 | 4 16 |
| S 9 | 19 39 | 17 11 | 4 0 | 23 40 | 0 59 | 5 31 | 1 58 | 23 44 | 0 49 | 22 21 | 0 30 | 11 53 | 2 11 | 23 12 | 0 7 | 5 27 | 1 10 | 24 5 | 2 51 | 21 23 | 21 29 | 5 35 | 0 4 | 4 16 |
| S 10 | 19 52 | 13 22 | 4 43 | 23 27 | 0 46 | 5 57 | 1 58 | 23 48 | 0 50 | 22 19 | 0 30 | 11 55 | 2 12 | 23 13 | 0 7 | 5 27 | 1 10 | 24 5 | 2 51 | 21 24 | 21 29 | 5 33 | 0 4 | 4 16 |
| M11 | 20 5 | 8 48 | 5 9 | 23 13 | 0 31 | 6 22 | 1 59 | 23 51 | 0 50 | 22 18 | 0 30 | 11 57 | 2 12 | 23 13 | 0 7 | 5 27 | 1 10 | 24 5 | 2 51 | 21 24 | 21 28 | 5 30 | 0 3 | 4 16 |
| T 12 | 20 17 | 3 43 | 5 17 | 22 58 | 0 16 | 6 48 | 2 0 | 23 55 | 0 50 | 22 16 | 0 30 | 12 0 | 2 12 | 23 13 | 0 7 | 5 26 | 1 10 | 24 6 | 2 51 | 21 24 | 21 28 | 5 28 | 0 2 | 4 16 |
| W13 | 20 29 | 1n33 | 5 5 | 22 42 | 0 1 | 7 13 | 2 0 | 23 58 | 0 51 | 22 14 | 0 30 | 12 2 | 2 12 | 23 13 | 0 7 | 5 26 | 1 10 | 24 6 | 2 51 | 21 24 | 21 27 | 5 26 | 0 1 | 4 17 |
| T 14 | 20 40 | 6 44 | 4 34 | 22 24 | 0s16 | 7 39 | 2 0 | 24 2 | 0 51 | 22 13 | 0 30 | 12 4 | 2 12 | 23 14 | 0 7 | 5 26 | 1 10 | 24 6 | 2 52 | 21 23 | 21 27 | 5 23 | 0 0 | 4 17 |
| F 15 | 20 52 | 11 32 | 3 47 | 22 6 | 0 32 | 8 4 | 2 1 | 24 5 | 0 51 | 22 11 | 0 30 | 12 7 | 2 12 | 23 14 | 0 7 | 5 25 | 1 10 | 24 7 | 2 52 | 21 23 | 21 26 | 5 21 | 0n 1 | 4 17 |
| S 16 | 21 2 | 15 40 | 2 47 | 21 47 | 0 50 | 8 29 | 2 1 | 24 8 | 0 52 | 22 9 | 0 30 | 12 9 | 2 12 | 23 14 | 0 7 | 5 25 | 1 10 | 24 7 | 2 52 | 21 23 | 21 25 | 5 18 | 0 1 | 4 17 |
| S 17 | 21 13 | 18 52 | 1 38 | 21 27 | 1 7 | 8 54 | 2 1 | 24 10 | 0 52 | 22 8 | 0 30 | 12 11 | 2 12 | 23 15 | 0 7 | 5 25 | 1 10 | 24 7 | 2 52 | 21 23 | 21 25 | 5 16 | 0 2 | 4 17 |
| M18 | 21 23 | 20 58 | 0 24 | 21 7 | 1 24 | 9 19 | 2 1 | 24 13 | 0 52 | 22 6 | 0 30 | 12 13 | 2 12 | 23 15 | 0 7 | 5 24 | 1 10 | 24 7 | 2 52 | 21 23 | 21 24 | 5 13 | 0 3 | 4 17 |
| T 19 | 21 33 | 21 51 | 0s50 | 20 47 | 1 41 | 9 44 | 2 1 | 24 15 | 0 53 | 22 4 | 0 30 | 12 15 | 2 12 | 23 15 | 0 7 | 5 24 | 1 10 | 24 8 | 2 52 | 21 23 | 21 24 | 5 11 | 0 4 | 4 18 |
| W20 | 21 42 | 21 30 | 1 59 | 20 26 | 1 59 | 10 9 | 2 0 | 24 17 | 0 53 | 22 2 | 0 30 | 12 18 | 2 12 | 23 15 | 0 7 | 5 24 | 1 10 | 24 8 | 2 53 | 21 23 | 21 23 | 5 8 | 0 4 | 4 18 |
| T 21 | 21 51 | 20 3 | 3 1 | 20 6 | 2 15 | 10 33 | 2 0 | 24 19 | 0 53 | 22 0 | 0 30 | 12 20 | 2 12 | 23 16 | 0 7 | 5 24 | 1 10 | 24 8 | 2 53 | 21 23 | 21 23 | 5 6 | 0 5 | 4 18 |
| F 22 | 22 0 | 17 40 | 3 53 | 19 45 | 2 31 | 10 57 | 2 0 | 24 20 | 0 54 | 21 58 | 0 30 | 12 22 | 2 12 | 23 16 | 0 7 | 5 23 | 1 10 | 24 9 | 2 53 | 21 23 | 21 22 | 5 4 | 0 6 | 4 18 |
| S 23 | 22 8 | 14 31 | 4 33 | 19 26 | 2 47 | 11 21 | 1 59 | 24 22 | 0 54 | 21 57 | 0 30 | 12 24 | 2 12 | 23 16 | 0 7 | 5 23 | 1 11 | 24 9 | 2 53 | 21 23 | 21 22 | 5 1 | 0 6 | 4 18 |
| S 24 | 22 16 | 10 50 | 5 0 | 19 7 | 3 1 | 11 45 | 1 59 | 24 23 | 0 54 | 21 55 | 0 30 | 12 26 | 2 13 | 23 16 | 0 7 | 5 23 | 1 11 | 24 9 | 2 53 | 21 23 | 21 21 | 4 59 | 0 7 | 4 18 |
| M25 | 22 24 | 6 45 | 5 15 | 18 48 | 3 15 | 12 9 | 1 58 | 24 24 | 0 55 | 21 53 | 0 30 | 12 28 | 2 13 | 23 17 | 0 7 | 5 23 | 1 11 | 24 10 | 2 53 | 21 23 | 21 20 | 4 56 | 0 8 | 4 19 |
| T 26 | 22 31 | 2 27 | 5 15 | 18 31 | 3 27 | 12 32 | 1 57 | 24 25 | 0 55 | 21 51 | 0 30 | 12 30 | 2 13 | 23 17 | 0 7 | 5 22 | 1 11 | 24 10 | 2 53 | 21 23 | 21 20 | 4 54 | 0 8 | 4 19 |
| W27 | 22 37 | 1s58 | 5 3 | 18 16 | 3 39 | 12 55 | 1 57 | 24 25 | 0 55 | 21 49 | 0 30 | 12 32 | 2 13 | 23 17 | 0 7 | 5 22 | 1 11 | 24 10 | 2 54 | 21 23 | 21 19 | 4 51 | 0 9 | 4 19 |
| T 28 | 22 44 | 6 22 | 4 36 | 18 2 | 3 49 | 13 18 | 1 56 | 24 26 | 0 56 | 21 47 | 0 30 | 12 34 | 2 13 | 23 17 | 0 7 | 5 22 | 1 11 | 24 11 | 2 54 | 21 23 | 21 19 | 4 49 | 0 9 | 4 19 |
| F 29 | 22 50 | 10 34 | 3 58 | 17 49 | 3 58 | 13 41 | 1 55 | 24 26 | 0 56 | 21 45 | 0 30 | 12 37 | 2 13 | 23 18 | 0 7 | 5 22 | 1 11 | 24 11 | 2 54 | 21 23 | 21 18 | 4 46 | 0 10 | 4 19 |
| S 30 | 22 55 | 14 25 | 3 7 | 17 38 | 4 5 | 14 3 | 1 54 | 24 26 | 0 56 | 21 43 | 0 30 | 12 39 | 2 13 | 23 18 | 0 7 | 5 22 | 1 11 | 24 11 | 2 54 | 21 23 | 21 18 | 4 44 | 0 10 | 4 20 |
| S 31 | 23n 0 | 17s42 | 2s 6 | 17n29 | 4s11 | 14n25 | 1s53 | 24n26 | 0n57 | 21n40 | 0n30 | 12n40 | 2s13 | 23n18 | 0n 7 | 5s22 | 1s11 | 24s12 | 2s54 | 21s23 | 21s17 | 4n42 | 0n11 | 4n20 |

Julian Day Number = 2279280.5, Delta T = 228.25 sec
Ecliptic obliquity = 23°29'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'32, Lahiri = 17°16'33 Julian Calendar 1 May 1528 == Greg. Calendar 11 May 1528



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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## JUNE 1528 JC — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 17 15 55 | 19♊29'58 | 25♏50 | 7°R13 | 15♉37 | 2♋40 | 25♋15 | 9♉54 | 20♊56 | 19♓14 | 24°R 8 | 6♐11 | 5♐30 | 5♍43 | 20♓27 | M 1 |
| T 2 | 17 19 52 | 20°27'12 | 9♐16 | 7♊ 1 | 16°48 | 3°19 | 25°27 | 10° 0 | 21° 0 | 19°14 | 24♑ 7 | 6°R11 | 5°27 | 5°49 | 20°27 | T 2 |
| W 3 | 17 23 48 | 21°24'25 | 23° 1 | 6°54 | 17°59 | 3°59 | 25°39 | 10° 7 | 21° 3 | 19°15 | 24° 6 | 6°10 | 5°24 | 5°56 | 20°28 | W 3 |
| T 4 | 17 27 45 | 22°21'38 | 7♑ 4 | 6°D51 | 19°10 | 4°38 | 25°51 | 10°13 | 21° 7 | 19°15 | 24° 4 | 6° 9 | 5°21 | 6° 3 | 20°29 | T 4 |
| F 5 | 17 31 41 | 23°18'51 | 21°20 | 6°53 | 20°21 | 5°17 | 26° 3 | 10°19 | 21°10 | 19°15 | 24° 3 | 6° 7 | 5°18 | 6°10 | 20°29 | F 5 |
| S 6 | 17 35 38 | 24°16'03 | 5♒45 | 6°59 | 21°32 | 5°56 | 26°15 | 10°26 | 21°14 | 19°15 | 24° 2 | 6° 5 | 5°15 | 6°16 | 20°30 | S 6 |
| S 7 | 17 39 34 | 25°13'15 | 20°13 | 7°10 | 22°43 | 6°35 | 26°27 | 10°32 | 21°17 | 19°15 | 24° 1 | 6° 3 | 5°11 | 6°23 | 20°30 | S 7 |
| M 8 | 17 43 31 | 26°10'27 | 4♓39 | 7°26 | 23°54 | 7°14 | 26°39 | 10°38 | 21°21 | 19°16 | 24° 0 | 6° 1 | 5° 8 | 6°30 | 20°30 | M 8 |
| T 9 | 17 47 28 | 27° 7'38 | 18°59 | 7°47 | 25° 6 | 7°54 | 26°52 | 10°44 | 21°25 | 19°16 | 23°58 | 6° 0 | 5° 5 | 6°37 | 20°31 | T 9 |
| W10 | 17 51 24 | 28° 4'50 | 3♈ 9 | 8°12 | 26°17 | 8°33 | 27° 4 | 10°50 | 21°28 | 19°16 | 23°57 | 6°D 0 | 5° 2 | 6°43 | 20°31 | W10 |
| T 11 | 17 55 21 | 29° 2'02 | 17° 9 | 8°42 | 27°28 | 9°12 | 27°16 | 10°56 | 21°32 | 19°16 | 23°56 | 6° 1 | 4°59 | 6°50 | 20°31 | T 11 |
| F 12 | 17 59 17 | 29°59'14 | 0♉56 | 9°17 | 28°40 | 9°51 | 27°29 | 11° 2 | 21°35 | 19°R16 | 23°55 | 6° 2 | 4°55 | 6°57 | 20°31 | F 12 |
| S 13 | 18 3 14 | 0♋56'26 | 14°30 | 9°56 | 29°51 | 10°30 | 27°41 | 11° 8 | 21°39 | 19°16 | 23°53 | 6° 3 | 4°52 | 7° 3 | 20°31 | S 13 |
| S 14 | 18 7 10 | 1°53'39 | 27°52 | 10°40 | 1♊ 2 | 11° 9 | 27°54 | 11°14 | 21°42 | 19°16 | 23°52 | 6° 4 | 4°49 | 7°10 | 20°R31 | S 14 |
| M15 | 18 11 7 | 2°50'51 | 11♊ 1 | 11°28 | 2°14 | 11°48 | 28° 6 | 11°20 | 21°46 | 19°16 | 23°51 | 6°R 4 | 4°46 | 7°17 | 20°31 | M15 |
| T 16 | 18 15 3 | 3°48'03 | 23°57 | 12°21 | 3°26 | 12°27 | 28°19 | 11°26 | 21°49 | 19°16 | 23°49 | 6° 3 | 4°43 | 7°24 | 20°31 | T 16 |
| W17 | 18 19 0 | 4°45'16 | 6♋40 | 13°18 | 4°37 | 13° 6 | 28°31 | 11°31 | 21°53 | 19°16 | 23°48 | 6° 1 | 4°40 | 7°30 | 20°31 | W17 |
| T 18 | 18 22 57 | 5°42'28 | 19°11 | 14°20 | 5°49 | 13°45 | 28°44 | 11°37 | 21°57 | 19°15 | 23°47 | 5°57 | 4°36 | 7°37 | 20°31 | T 18 |
| F 19 | 18 26 53 | 6°39'41 | 1♌30 | 15°25 | 7° 0 | 14°23 | 28°57 | 11°43 | 22° 0 | 19°15 | 23°46 | 5°52 | 4°33 | 7°44 | 20°31 | F 19 |
| S 20 | 18 30 50 | 7°36'53 | 13°39 | 16°35 | 8°12 | 15° 2 | 29°10 | 11°48 | 22° 3 | 19°15 | 23°44 | 5°47 | 4°30 | 7°51 | 20°30 | S 20 |
| S 21 | 18 34 46 | 8°34'05 | 25°40 | 17°50 | 9°24 | 15°41 | 29°22 | 11°53 | 22° 7 | 19°15 | 23°43 | 5°41 | 4°27 | 7°57 | 20°30 | S 21 |
| M22 | 18 38 43 | 9°31'17 | 7♍34 | 19° 8 | 10°36 | 16°20 | 29°35 | 11°59 | 22°10 | 19°14 | 23°41 | 5°37 | 4°24 | 8° 4 | 20°29 | M22 |
| T 23 | 18 42 39 | 10°28'29 | 19°27 | 20°30 | 11°48 | 16°59 | 29°48 | 12° 4 | 22°14 | 19°14 | 23°40 | 5°33 | 4°21 | 8°11 | 20°29 | T 23 |
| W24 | 18 46 36 | 11°25'41 | 1♎20 | 21°56 | 12°59 | 17°38 | 0♌ 1 | 12° 9 | 22°17 | 19°14 | 23°39 | 5°31 | 4°17 | 8°17 | 20°28 | W24 |
| T 25 | 18 50 32 | 12°22'53 | 13°20 | 23°26 | 14°11 | 18°16 | 0°14 | 12°14 | 22°21 | 19°13 | 23°37 | 5°D31 | 4°14 | 8°24 | 20°28 | T 25 |
| F 26 | 18 54 29 | 13°20'05 | 25°31 | 25° 0 | 15°23 | 18°55 | 0°27 | 12°19 | 22°24 | 19°13 | 23°36 | 5°31 | 4°11 | 8°31 | 20°27 | F 26 |
| S 27 | 18 58 26 | 14°17'17 | 7♏57 | 26°38 | 16°35 | 19°34 | 0°39 | 12°24 | 22°28 | 19°13 | 23°34 | 5°33 | 4° 8 | 8°38 | 20°27 | S 27 |
| S 28 | 19 2 22 | 15°14'29 | 20°43 | 28°19 | 17°47 | 20°13 | 0°52 | 12°29 | 22°31 | 19°12 | 23°33 | 5°34 | 4° 5 | 8°44 | 20°26 | S 28 |
| M29 | 19 6 19 | 16°11'41 | 3♐52 | 0♋ 4 | 18°59 | 20°51 | 1° 5 | 12°34 | 22°34 | 19°12 | 23°32 | 5°R35 | 4° 1 | 8°51 | 20°25 | M29 |
| T 30 | 19 10 15 | 17♋ 8'54 | 17♐27 | 1♋52 | 20♊11 | 21♋30 | 1♌18 | 12♉39 | 22♊38 | 19♓11 | 23♑30 | 5♐34 | 3♐58 | 8♍58 | 20♓24 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 23n 5 | 20s11 | 0s57 | 17n22 | 4s16 | 14n47 | 1s51 | 24n25 | 0n57 | 21n38 | 0n30 | 12n42 | 2s13 | 23n18 | 0n 7 | 5s22 | 1s11 | 24s12 | 2s54 | 21s24 | 21s17 | 4n39 | 0n11 | 4n20 |
| T 2 | 23 9 | 21 37 | 0n17 | 17 17 | 4 19 | 15 8 | 1 50 | 24 25 | 0 57 | 21 36 | 0 30 | 12 44 | 2 13 | 23 19 | 0 7 | 5 22 | 1 11 | 24 12 | 2 54 | 21 24 | 21 16 | 4 37 | 0 12 | 4 20 |
| W 3 | 23 13 | 21 47 | 1 32 | 17 13 | 4 21 | 15 29 | 1 49 | 24 24 | 0 57 | 21 34 | 0 31 | 12 46 | 2 14 | 23 19 | 0 7 | 5 21 | 1 11 | 24 13 | 2 55 | 21 24 | 21 15 | 4 34 | 0 12 | 4 20 |
| T 4 | 23 17 | 20 37 | 2 42 | 17 12 | 4 22 | 15 50 | 1 48 | 24 23 | 0 58 | 21 32 | 0 31 | 12 48 | 2 14 | 23 19 | 0 7 | 5 21 | 1 11 | 24 13 | 2 55 | 21 23 | 21 15 | 4 32 | 0 12 | 4 20 |
| F 5 | 23 20 | 18 7 | 3 44 | 17 13 | 4 21 | 16 10 | 1 46 | 24 22 | 0 58 | 21 30 | 0 31 | 12 50 | 2 14 | 23 19 | 0 7 | 5 21 | 1 11 | 24 13 | 2 55 | 21 23 | 21 14 | 4 29 | 0 13 | 4 21 |
| S 6 | 23 23 | 14 29 | 4 32 | 17 16 | 4 20 | 16 31 | 1 45 | 24 20 | 0 58 | 21 27 | 0 31 | 12 52 | 2 14 | 23 20 | 0 7 | 5 21 | 1 11 | 24 14 | 2 55 | 21 23 | 21 14 | 4 27 | 0 13 | 4 21 |
| S 7 | 23 25 | 9 59 | 5 3 | 17 20 | 4 17 | 16 50 | 1 43 | 24 19 | 0 59 | 21 25 | 0 31 | 12 54 | 2 14 | 23 20 | 0 7 | 5 21 | 1 11 | 24 14 | 2 55 | 21 22 | 21 13 | 4 24 | 0 14 | 4 21 |
| M 8 | 23 27 | 4 57 | 5 15 | 17 27 | 4 13 | 17 10 | 1 41 | 24 17 | 0 59 | 21 23 | 0 31 | 12 56 | 2 14 | 23 20 | 0 7 | 5 21 | 1 11 | 24 14 | 2 55 | 21 22 | 21 13 | 4 22 | 0 14 | 4 21 |
| T 9 | 23 28 | 0n20 | 5 7 | 17 35 | 4 8 | 17 28 | 1 40 | 24 15 | 0 59 | 21 20 | 0 31 | 12 57 | 2 14 | 23 20 | 0 7 | 5 21 | 1 11 | 24 15 | 2 55 | 21 22 | 21 12 | 4 20 | 0 14 | 4 21 |
| W10 | 23 29 | 5 32 | 4 40 | 17 45 | 4 2 | 17 47 | 1 38 | 24 13 | 0 59 | 21 18 | 0 31 | 12 59 | 2 14 | 23 21 | 0 7 | 5 21 | 1 11 | 24 15 | 2 55 | 21 22 | 21 11 | 4 17 | 0 14 | 4 22 |
| T 11 | 23 30 | 10 24 | 3 57 | 17 56 | 3 55 | 18 5 | 1 36 | 24 10 | 1 0 | 21 16 | 0 31 | 13 1 | 2 15 | 23 21 | 0 7 | 5 21 | 1 11 | 24 15 | 2 56 | 21 22 | 21 11 | 4 15 | 0 15 | 4 22 |
| F 12 | 23 30 | 14 39 | 3 1 | 18 9 | 3 48 | 18 23 | 1 34 | 24 8 | 1 0 | 21 13 | 0 31 | 13 3 | 2 15 | 23 21 | 0 7 | 5 21 | 1 12 | 24 16 | 2 56 | 21 22 | 21 10 | 4 12 | 0 15 | 4 22 |
| S 13 | 23 30 | 18 4 | 1 56 | 18 22 | 3 40 | 18 40 | 1 32 | 24 5 | 1 0 | 21 11 | 0 31 | 13 4 | 2 15 | 23 21 | 0 7 | 5 21 | 1 12 | 24 16 | 2 56 | 21 22 | 21 10 | 4 10 | 0 15 | 4 22 |
| S 14 | 23 29 | 20 28 | 0 45 | 18 38 | 3 31 | 18 57 | 1 30 | 24 2 | 1 0 | 21 8 | 0 31 | 13 6 | 2 15 | 23 22 | 0 7 | 5 21 | 1 12 | 24 16 | 2 56 | 21 22 | 21 9 | 4 7 | 0 15 | 4 22 |
| M15 | 23 28 | 21 42 | 0s27 | 18 54 | 3 21 | 19 13 | 1 28 | 23 59 | 1 1 | 21 6 | 0 31 | 13 8 | 2 15 | 23 22 | 0 7 | 5 21 | 1 12 | 24 17 | 2 56 | 21 23 | 21 9 | 4 5 | 0 15 | 4 22 |
| T 16 | 23 27 | 21 45 | 1 36 | 19 11 | 3 11 | 19 29 | 1 26 | 23 55 | 1 1 | 21 4 | 0 31 | 13 9 | 2 15 | 23 22 | 0 7 | 5 22 | 1 12 | 24 17 | 2 56 | 21 22 | 21 8 | 4 3 | 0 16 | 4 23 |
| W17 | 23 25 | 20 40 | 2 40 | 19 29 | 3 0 | 19 44 | 1 24 | 23 52 | 1 1 | 21 1 | 0 31 | 13 11 | 2 16 | 23 22 | 0 7 | 5 22 | 1 12 | 24 17 | 2 56 | 21 22 | 21 7 | 4 0 | 0 16 | 4 23 |
| T 18 | 23 23 | 18 35 | 3 34 | 19 47 | 2 49 | 19 59 | 1 22 | 23 48 | 1 1 | 20 58 | 0 31 | 13 12 | 2 16 | 23 23 | 0 7 | 5 22 | 1 12 | 24 18 | 2 56 | 21 21 | 21 7 | 3 58 | 0 16 | 4 23 |
| F 19 | 23 20 | 15 41 | 4 18 | 20 6 | 2 37 | 20 13 | 1 20 | 23 44 | 1 1 | 20 56 | 0 31 | 13 14 | 2 16 | 23 23 | 0 7 | 5 22 | 1 12 | 24 18 | 2 57 | 21 20 | 21 6 | 3 55 | 0 16 | 4 23 |
| S 20 | 23 17 | 12 9 | 4 49 | 20 25 | 2 25 | 20 27 | 1 18 | 23 40 | 1 2 | 20 53 | 0 31 | 13 15 | 2 16 | 23 23 | 0 7 | 5 22 | 1 12 | 24 18 | 2 57 | 21 19 | 21 6 | 3 53 | 0 16 | 4 23 |
| S 21 | 23 13 | 8 11 | 5 7 | 20 44 | 2 13 | 20 41 | 1 15 | 23 36 | 1 2 | 20 51 | 0 31 | 13 17 | 2 16 | 23 23 | 0 7 | 5 22 | 1 12 | 24 19 | 2 57 | 21 18 | 21 5 | 3 50 | 0 16 | 4 24 |
| M22 | 23 9 | 3 56 | 5 11 | 21 4 | 2 0 | 20 53 | 1 13 | 23 32 | 1 2 | 20 48 | 0 31 | 13 18 | 2 16 | 23 23 | 0 7 | 5 22 | 1 12 | 24 19 | 2 57 | 21 18 | 21 4 | 3 48 | 0 16 | 4 24 |
| T 23 | 23 5 | 0s27 | 5 2 | 21 23 | 1 47 | 21 6 | 1 11 | 23 27 | 1 2 | 20 45 | 0 32 | 13 20 | 2 16 | 23 24 | 0 7 | 5 23 | 1 12 | 24 19 | 2 57 | 21 17 | 21 4 | 3 46 | 0 16 | 4 24 |
| W24 | 23 0 | 4 49 | 4 40 | 21 41 | 1 34 | 21 17 | 1 8 | 23 22 | 1 3 | 20 43 | 0 32 | 13 21 | 2 17 | 23 24 | 0 7 | 5 23 | 1 12 | 24 20 | 2 57 | 21 17 | 21 3 | 3 43 | 0 16 | 4 24 |
| T 25 | 22 55 | 9 3 | 4 6 | 21 59 | 1 21 | 21 28 | 1 6 | 23 17 | 1 3 | 20 40 | 0 32 | 13 23 | 2 17 | 23 24 | 0 7 | 5 23 | 1 12 | 24 20 | 2 57 | 21 17 | 21 3 | 3 41 | 0 16 | 4 24 |
| F 26 | 22 50 | 13 0 | 3 21 | 22 16 | 1 8 | 21 39 | 1 3 | 23 12 | 1 3 | 20 37 | 0 32 | 13 24 | 2 17 | 23 24 | 0 7 | 5 23 | 1 12 | 24 21 | 2 57 | 21 17 | 21 2 | 3 38 | 0 16 | 4 24 |
| S 27 | 22 44 | 16 28 | 2 24 | 22 32 | 0 55 | 21 49 | 1 1 | 23 7 | 1 3 | 20 35 | 0 32 | 13 25 | 2 17 | 23 24 | 0 7 | 5 23 | 1 12 | 24 21 | 2 57 | 21 17 | 21 2 | 3 36 | 0 16 | 4 25 |
| S 28 | 22 38 | 19 16 | 1 20 | 22 47 | 0 42 | 21 58 | 0 58 | 23 1 | 1 3 | 20 32 | 0 32 | 13 27 | 2 17 | 23 25 | 0 7 | 5 24 | 1 12 | 24 21 | 2 58 | 21 17 | 21 1 | 3 33 | 0 15 | 4 25 |
| M29 | 22 31 | 21 8 | 0 9 | 23 0 | 0 29 | 22 7 | 0 56 | 22 56 | 1 4 | 20 29 | 0 32 | 13 28 | 2 18 | 23 25 | 0 7 | 5 24 | 1 12 | 24 22 | 2 58 | 21 17 | 21 0 | 3 31 | 0 15 | 4 25 |
| T 30 | 22n24 | 21s51 | 1n 4 | 23n12 | 0s17 | 22n15 | 0s53 | 22n50 | 1n 4 | 20n26 | 0n32 | 13n29 | 2s18 | 23n25 | 0n 7 | 5s24 | 1s12 | 24s22 | 2s58 | 21s17 | 21s 0 | 3n29 | 0n15 | 4n25 |

Julian Day Number = 2279311.5, Delta T = 228.06 sec
Ecliptic obliquity = 23°29'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'36, Lahiri = 17°16'37 Julian Calendar 1 June 1528 == Greg. Calendar 11 June 1528


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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## JULY 1528 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 19 14 12 | 18♋ 6'07 | 1♌27 | 3♋43 | 21♊24 | 22♋ 9 | 1♌31 | 12♍43 | 22♊41 | 19°R10 | 23°R29 | 5°R32 | 3♐55 | 9♍ 4 | 20°R23 | W 1 |
| T 2 | 19 18 8 | 19° 3'20 | 15°51 | 5°37 | 22°36 | 22°47 | 1°44 | 12°48 | 22°44 | 19♓10 | 23♌27 | 5♐28 | 3°52 | 9°11 | 20♓22 | T 2 |
| F 3 | 19 22 5 | 20° 0'33 | 0♒32 | 7°33 | 23°48 | 23°26 | 1°58 | 12°53 | 22°48 | 19° 9 | 23°26 | 5°22 | 3°49 | 9°18 | 20°21 | F 3 |
| S 4 | 19 26 1 | 20°57'47 | 15°23 | 9°32 | 25° 0 | 24° 5 | 2°11 | 12°57 | 22°51 | 19° 9 | 23°25 | 5°15 | 3°46 | 9°25 | 20°20 | S 4 |
| S 5 | 19 29 58 | 21°55'02 | 0♓16 | 11°33 | 26°13 | 24°43 | 2°24 | 13° 1 | 22°54 | 19° 8 | 23°23 | 5° 9 | 3°42 | 9°31 | 20°19 | S 5 |
| M 6 | 19 33 55 | 22°52'17 | 15° 3 | 13°36 | 27°25 | 25°22 | 2°37 | 13° 6 | 22°57 | 19° 7 | 23°22 | 5° 3 | 3°39 | 9°38 | 20°18 | M 6 |
| T 7 | 19 37 51 | 23°49'34 | 29°37 | 15°40 | 28°37 | 26° 0 | 2°50 | 13°10 | 23° 0 | 19° 6 | 23°20 | 4°59 | 3°36 | 9°45 | 20°17 | T 7 |
| W 8 | 19 41 48 | 24°46'51 | 13♈54 | 17°45 | 29°50 | 26°39 | 3° 3 | 13°14 | 23° 4 | 19° 6 | 23°19 | 4°56 | 3°33 | 9°52 | 20°15 | W 8 |
| T 9 | 19 45 44 | 25°44'09 | 27°50 | 19°52 | 1♋ 2 | 27°17 | 3°16 | 13°18 | 23° 7 | 19° 5 | 23°17 | 4°D56 | 3°30 | 9°58 | 20°14 | T 9 |
| F 10 | 19 49 41 | 26°41'28 | 11♉28 | 21°58 | 2°15 | 27°56 | 3°29 | 13°22 | 23°10 | 19° 4 | 23°16 | 4°56 | 3°27 | 10° 5 | 20°13 | F 10 |
| S 11 | 19 53 37 | 27°38'48 | 24°47 | 24° 5 | 3°28 | 28°34 | 3°43 | 13°26 | 23°13 | 19° 3 | 23°15 | 4°57 | 3°23 | 10°12 | 20°11 | S 11 |
| S 12 | 19 57 34 | 28°36'10 | 7♊50 | 26°12 | 4°40 | 29°13 | 3°56 | 13°29 | 23°16 | 19° 2 | 23°13 | 4°R58 | 3°20 | 10°18 | 20°10 | S 12 |
| M13 | 20 1 30 | 29°33'32 | 20°39 | 28°18 | 5°53 | 29°51 | 4° 9 | 13°33 | 23°19 | 19° 1 | 23°12 | 4°57 | 3°17 | 10°25 | 20° 8 | M13 |
| T 14 | 20 5 27 | 0♌30'56 | 3♋15 | 0♌24 | 7° 6 | 0♌30 | 4°22 | 13°37 | 23°22 | 19° 0 | 23°10 | 4°53 | 3°14 | 10°32 | 20° 7 | T 14 |
| W15 | 20 9 24 | 1°28'20 | 15°42 | 2°29 | 8°18 | 1° 8 | 4°35 | 13°40 | 23°25 | 18°59 | 23° 9 | 4°47 | 3°11 | 10°39 | 20° 5 | W15 |
| T 16 | 20 13 20 | 2°25'45 | 27°59 | 4°33 | 9°31 | 1°47 | 4°49 | 13°43 | 23°28 | 18°58 | 23° 8 | 4°39 | 3° 7 | 10°45 | 20° 4 | T 16 |
| F 17 | 20 17 17 | 3°23'11 | 10♌ 8 | 6°36 | 10°44 | 2°25 | 5° 2 | 13°47 | 23°31 | 18°57 | 23° 6 | 4°29 | 3° 4 | 10°52 | 20° 2 | F 17 |
| S 18 | 20 21 13 | 4°20'38 | 22°10 | 8°38 | 11°57 | 3° 4 | 5°15 | 13°50 | 23°34 | 18°56 | 23° 5 | 4°18 | 3° 1 | 10°59 | 20° 0 | S 18 |
| S 19 | 20 25 10 | 5°18'06 | 4♍ 6 | 10°38 | 13°10 | 3°42 | 5°28 | 13°53 | 23°37 | 18°55 | 23° 3 | 4° 7 | 2°58 | 11° 6 | 19°58 | S 19 |
| M20 | 20 29 6 | 6°15'35 | 15°59 | 12°37 | 14°23 | 4°20 | 5°41 | 13°56 | 23°40 | 18°54 | 23° 2 | 3°56 | 2°55 | 11°12 | 19°57 | M20 |
| T 21 | 20 33 3 | 7°13'05 | 27°49 | 14°35 | 15°36 | 4°59 | 5°55 | 13°59 | 23°43 | 18°53 | 23° 1 | 3°48 | 2°52 | 11°19 | 19°55 | T 21 |
| W22 | 20 36 59 | 8°10'35 | 9♎41 | 16°31 | 16°49 | 5°37 | 6° 8 | 14° 2 | 23°46 | 18°52 | 22°59 | 3°42 | 2°48 | 11°26 | 19°53 | W22 |
| T 23 | 20 40 56 | 9° 8'06 | 21°39 | 18°26 | 18° 2 | 6°16 | 6°21 | 14° 4 | 23°48 | 18°51 | 22°58 | 3°38 | 2°45 | 11°32 | 19°51 | T 23 |
| F 24 | 20 44 53 | 10° 5'39 | 3♏47 | 20°19 | 19°15 | 6°54 | 6°34 | 14° 7 | 23°51 | 18°50 | 22°57 | 3°36 | 2°42 | 11°39 | 19°49 | F 24 |
| S 25 | 20 48 49 | 11° 3'12 | 16° 9 | 22°11 | 20°28 | 7°32 | 6°48 | 14°10 | 23°54 | 18°48 | 22°55 | 3°D36 | 2°39 | 11°46 | 19°47 | S 25 |
| S 26 | 20 52 46 | 12° 0'46 | 28°52 | 24° 1 | 21°42 | 8°11 | 7° 1 | 14°12 | 23°56 | 18°47 | 22°54 | 3°R37 | 2°36 | 11°53 | 19°45 | S 26 |
| M27 | 20 56 42 | 12°58'21 | 11♐59 | 25°50 | 22°55 | 8°49 | 7°14 | 14°14 | 23°59 | 18°46 | 22°53 | 3°37 | 2°33 | 11°59 | 19°43 | M27 |
| T 28 | 21 0 39 | 13°55'57 | 25°33 | 27°37 | 24° 8 | 9°27 | 7°27 | 14°16 | 24° 2 | 18°45 | 22°51 | 3°35 | 2°29 | 12° 6 | 19°40 | T 28 |
| W29 | 21 4 35 | 14°53'34 | 9♑37 | 29°23 | 25°21 | 10° 6 | 7°40 | 14°19 | 24° 4 | 18°43 | 22°50 | 3°31 | 2°26 | 12°13 | 19°38 | W29 |
| T 30 | 21 8 32 | 15°51'12 | 24° 9 | 1♍ 7 | 26°35 | 10°44 | 7°53 | 14°21 | 24° 7 | 18°42 | 22°49 | 3°24 | 2°23 | 12°19 | 19°36 | T 30 |
| F 31 | 21 12 28 | 16♌48'51 | 9♒ 4 | 2♍50 | 27♋48 | 11♌22 | 8♌ 6 | 14♍23 | 24♊ 9 | 18♓41 | 22♑47 | 3♐15 | 2♐20 | 12♍26 | 19♓34 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 22n16 | 21s14 | 2n15 | 23n22 | 0s 5 | 22n23 | 0s51 | 22n44 | 1n 4 | 20n23 | 0n32 | 13n30 | 2s18 | 23n25 | 0n 7 | 5s24 | 1s12 | 24s22 | 2s58 | 21s17 | 20s59 | 3n26 | 0n15 | 4n25 |
| T 2 | 22 8 | 19 14 | 3 20 | 23 30 | 0n 7 | 22 30 | 0 48 | 22 37 | 1 4 | 20 21 | 0 32 | 13 32 | 2 18 | 23 25 | 0 7 | 5 25 | 1 12 | 24 23 | 2 58 | 21 16 | 20 59 | 3 24 | 0 15 | 4 25 |
| F 3 | 22 0 | 15 58 | 4 13 | 23 35 | 0 18 | 22 36 | 0 45 | 22 31 | 1 4 | 20 18 | 0 32 | 13 33 | 2 18 | 23 26 | 0 8 | 5 25 | 1 13 | 24 23 | 2 58 | 21 15 | 20 58 | 3 21 | 0 14 | 4 26 |
| S 4 | 21 52 | 11 39 | 4 50 | 23 38 | 0 29 | 22 42 | 0 43 | 22 25 | 1 5 | 20 15 | 0 32 | 13 34 | 2 18 | 23 26 | 0 8 | 5 25 | 1 13 | 24 23 | 2 58 | 21 14 | 20 57 | 3 19 | 0 14 | 4 26 |
| S 5 | 21 43 | 6 37 | 5 7 | 23 39 | 0 40 | 22 47 | 0 40 | 22 18 | 1 5 | 20 12 | 0 32 | 13 35 | 2 19 | 23 26 | 0 8 | 5 25 | 1 13 | 24 24 | 2 58 | 21 13 | 20 57 | 3 16 | 0 14 | 4 26 |
| M 6 | 21 33 | 1 15 | 5 3 | 23 37 | 0 49 | 22 51 | 0 37 | 22 11 | 1 5 | 20 9 | 0 32 | 13 36 | 2 19 | 23 26 | 0 8 | 5 26 | 1 13 | 24 24 | 2 58 | 21 12 | 20 56 | 3 14 | 0 13 | 4 26 |
| T 7 | 21 24 | 4n 8 | 4 40 | 23 32 | 0 58 | 22 55 | 0 35 | 22 4 | 1 5 | 20 6 | 0 32 | 13 37 | 2 19 | 23 26 | 0 8 | 5 26 | 1 13 | 24 24 | 2 58 | 21 11 | 20 56 | 3 12 | 0 13 | 4 26 |
| W 8 | 21 13 | 9 10 | 4 0 | 23 25 | 1 6 | 22 58 | 0 32 | 21 57 | 1 5 | 20 3 | 0 32 | 13 38 | 2 19 | 23 27 | 0 8 | 5 26 | 1 13 | 24 25 | 2 58 | 21 10 | 20 55 | 3 9 | 0 13 | 4 26 |
| T 9 | 21 3 | 13 37 | 3 6 | 23 15 | 1 14 | 23 1 | 0 29 | 21 49 | 1 5 | 20 0 | 0 33 | 13 39 | 2 19 | 23 27 | 0 8 | 5 27 | 1 13 | 24 25 | 2 59 | 21 10 | 20 54 | 3 7 | 0 12 | 4 27 |
| F 10 | 20 52 | 17 15 | 2 3 | 23 2 | 1 21 | 23 2 | 0 27 | 21 42 | 1 6 | 19 57 | 0 33 | 13 40 | 2 20 | 23 27 | 0 8 | 5 27 | 1 13 | 24 25 | 2 59 | 21 10 | 20 54 | 3 4 | 0 12 | 4 27 |
| S 11 | 20 41 | 19 54 | 0 54 | 22 46 | 1 27 | 23 3 | 0 24 | 21 34 | 1 6 | 19 54 | 0 33 | 13 41 | 2 20 | 23 27 | 0 8 | 5 28 | 1 13 | 24 26 | 2 59 | 21 11 | 20 53 | 3 2 | 0 12 | 4 27 |
| S 12 | 20 30 | 21 25 | 0s15 | 22 28 | 1 32 | 23 4 | 0 21 | 21 26 | 1 6 | 19 51 | 0 33 | 13 42 | 2 20 | 23 27 | 0 8 | 5 28 | 1 13 | 24 26 | 2 59 | 21 11 | 20 53 | 2 59 | 0 11 | 4 27 |
| M13 | 20 18 | 21 47 | 1 23 | 22 7 | 1 36 | 23 4 | 0 18 | 21 19 | 1 6 | 19 48 | 0 33 | 13 43 | 2 20 | 23 27 | 0 8 | 5 28 | 1 13 | 24 26 | 2 59 | 21 10 | 20 52 | 2 57 | 0 11 | 4 27 |
| T 14 | 20 5 | 21 2 | 2 26 | 21 44 | 1 40 | 23 3 | 0 16 | 21 10 | 1 6 | 19 45 | 0 33 | 13 44 | 2 20 | 23 28 | 0 8 | 5 29 | 1 13 | 24 27 | 2 59 | 21 10 | 20 51 | 2 55 | 0 10 | 4 27 |
| W15 | 19 53 | 19 16 | 3 20 | 21 19 | 1 43 | 23 1 | 0 13 | 21 2 | 1 6 | 19 42 | 0 33 | 13 45 | 2 21 | 23 28 | 0 8 | 5 29 | 1 13 | 24 27 | 2 59 | 21 9 | 20 51 | 2 52 | 0 10 | 4 27 |
| T 16 | 19 40 | 16 38 | 4 4 | 20 52 | 1 45 | 22 59 | 0 10 | 20 54 | 1 7 | 19 39 | 0 33 | 13 45 | 2 21 | 23 28 | 0 8 | 5 30 | 1 13 | 24 27 | 2 59 | 21 7 | 20 50 | 2 50 | 0 9 | 4 28 |
| F 17 | 19 27 | 13 18 | 4 37 | 20 23 | 1 46 | 22 56 | 0 8 | 20 45 | 1 7 | 19 36 | 0 33 | 13 46 | 2 21 | 23 28 | 0 8 | 5 30 | 1 13 | 24 28 | 2 59 | 21 5 | 20 49 | 2 47 | 0 9 | 4 28 |
| S 18 | 19 13 | 9 28 | 4 57 | 19 52 | 1 47 | 22 53 | 0 5 | 20 36 | 1 7 | 19 32 | 0 33 | 13 47 | 2 21 | 23 28 | 0 8 | 5 31 | 1 13 | 24 28 | 2 59 | 21 3 | 20 49 | 2 45 | 0 8 | 4 28 |
| S 19 | 18 59 | 5 19 | 5 3 | 19 19 | 1 47 | 22 49 | 0 2 | 20 28 | 1 7 | 19 29 | 0 33 | 13 48 | 2 22 | 23 28 | 0 8 | 5 31 | 1 13 | 24 28 | 2 59 | 21 1 | 20 48 | 2 43 | 0 7 | 4 28 |
| M20 | 18 45 | 0 59 | 4 57 | 18 45 | 1 46 | 22 44 | 0n 0 | 20 19 | 1 7 | 19 26 | 0 33 | 13 48 | 2 22 | 23 29 | 0 8 | 5 31 | 1 13 | 24 28 | 2 59 | 20 59 | 20 48 | 2 40 | 0 7 | 4 28 |
| T 21 | 18 31 | 3s22 | 4 37 | 18 10 | 1 45 | 22 38 | 0 3 | 20 9 | 1 7 | 19 23 | 0 33 | 13 49 | 2 22 | 23 29 | 0 8 | 5 32 | 1 13 | 24 29 | 2 59 | 20 58 | 20 47 | 2 38 | 0 6 | 4 28 |
| W22 | 18 16 | 7 37 | 4 6 | 17 34 | 1 43 | 22 32 | 0 6 | 20 0 | 1 7 | 19 20 | 0 34 | 13 50 | 2 22 | 23 29 | 0 8 | 5 32 | 1 13 | 24 29 | 2 59 | 20 57 | 20 46 | 2 35 | 0 6 | 4 28 |
| T 23 | 18 1 | 11 36 | 3 24 | 16 56 | 1 40 | 22 25 | 0 8 | 19 51 | 1 8 | 19 17 | 0 34 | 13 50 | 2 22 | 23 29 | 0 8 | 5 33 | 1 13 | 24 29 | 3 0 | 20 56 | 20 46 | 2 33 | 0 5 | 4 28 |
| F 24 | 17 46 | 15 11 | 2 32 | 16 17 | 1 38 | 22 18 | 0 11 | 19 41 | 1 8 | 19 13 | 0 34 | 13 51 | 2 23 | 23 29 | 0 8 | 5 33 | 1 13 | 24 30 | 3 0 | 20 56 | 20 45 | 2 31 | 0 4 | 4 28 |
| S 25 | 17 30 | 18 10 | 1 32 | 15 38 | 1 34 | 22 9 | 0 14 | 19 31 | 1 8 | 19 10 | 0 34 | 13 51 | 2 23 | 23 29 | 0 8 | 5 34 | 1 13 | 24 30 | 3 0 | 20 56 | 20 45 | 2 28 | 0 4 | 4 29 |
| S 26 | 17 14 | 20 22 | 0 25 | 14 58 | 1 30 | 22 1 | 0 16 | 19 22 | 1 8 | 19 7 | 0 34 | 13 52 | 2 23 | 23 29 | 0 8 | 5 34 | 1 13 | 24 30 | 3 0 | 20 56 | 20 44 | 2 26 | 0 3 | 4 29 |
| M27 | 16 58 | 21 33 | 0n44 | 14 17 | 1 26 | 21 51 | 0 19 | 19 12 | 1 8 | 19 4 | 0 34 | 13 52 | 2 23 | 23 30 | 0 8 | 5 35 | 1 13 | 24 30 | 3 0 | 20 56 | 20 43 | 2 23 | 0 2 | 4 29 |
| T 28 | 16 41 | 21 32 | 1 54 | 13 36 | 1 21 | 21 41 | 0 21 | 19 2 | 1 8 | 19 0 | 0 34 | 13 53 | 2 24 | 23 30 | 0 8 | 5 35 | 1 13 | 24 31 | 3 0 | 20 55 | 20 43 | 2 21 | 0 1 | 4 29 |
| W29 | 16 24 | 20 11 | 2 59 | 12 54 | 1 16 | 21 30 | 0 24 | 18 51 | 1 8 | 18 57 | 0 34 | 13 53 | 2 24 | 23 30 | 0 8 | 5 36 | 1 14 | 24 31 | 3 0 | 20 55 | 20 42 | 2 18 | 0 1 | 4 29 |
| T 30 | 16 7 | 17 30 | 3 54 | 12 12 | 1 10 | 21 19 | 0 26 | 18 41 | 1 8 | 18 54 | 0 34 | 13 53 | 2 24 | 23 30 | 0 8 | 5 37 | 1 14 | 24 31 | 3 0 | 20 53 | 20 41 | 2 16 | 0s 0 | 4 29 |
| F 31 | 15n50 | 13s37 | 4n35 | 11n30 | 1n 5 | 21n 7 | 0n28 | 18n31 | 1n 9 | 18n50 | 0n34 | 13n54 | 2s24 | 23n30 | 0n 8 | 5s37 | 1s14 | 24s32 | 3s 0 | 20s52 | 20s41 | 2n14 | 0s 1 | 4n29 |

Julian Day Number = 2279341.5, Delta T = 227.87 sec
Ecliptic obliquity = 23°29'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'41, Lahiri = 17°16'41 Julian Calendar 1 July 1528 == Greg. Calendar 11 July 1528


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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## AUGUST 1528 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 21 16 25 | 17♌46'32 | 24♒13 | 4♍32 | 29♋ 2 | 12♌ 0 | 8♌20 | 14♉24 | 24♊12 | 18°R39 | 22°R46 | 3°R 5 | 2♐17 | 12♍33 | 19°R31 | S 1 |
| S 2 | 21 20 22 | 18°44'13 | 9♓27 | 6°12 | 0♌15 | 12°39 | 8°33 | 14°26 | 24°14 | 18♓38 | 22♑45 | 2♐55 | 2°13 | 12°40 | 19♓29 | S 2 |
| M 3 | 21 24 18 | 19°41'57 | 24°34 | 7°50 | 1°29 | 13°17 | 8°46 | 14°28 | 24°17 | 18°37 | 22°44 | 2°46 | 2°10 | 12°46 | 19°27 | M 3 |
| T 4 | 21 28 15 | 20°39'41 | 9♈26 | 9°27 | 2°42 | 13°55 | 8°59 | 14°29 | 24°19 | 18°35 | 22°42 | 2°39 | 2° 7 | 12°53 | 19°24 | T 4 |
| W 5 | 21 32 11 | 21°37'28 | 23°55 | 11° 3 | 3°56 | 14°33 | 9°12 | 14°31 | 24°21 | 18°34 | 22°41 | 2°34 | 2° 4 | 13° 0 | 19°22 | W 5 |
| T 6 | 21 36 8 | 22°35'16 | 7♉58 | 12°37 | 5° 9 | 15°12 | 9°25 | 14°32 | 24°23 | 18°32 | 22°40 | 2°32 | 2° 1 | 13° 6 | 19°19 | T 6 |
| F 7 | 21 40 4 | 23°33'06 | 21°36 | 14°10 | 6°23 | 15°50 | 9°38 | 14°33 | 24°26 | 18°31 | 22°39 | 2°D31 | 1°58 | 13°13 | 19°17 | F 7 |
| S 8 | 21 44 1 | 24°30'58 | 4♊50 | 15°41 | 7°37 | 16°28 | 9°51 | 14°34 | 24°28 | 18°29 | 22°38 | 2°R31 | 1°54 | 13°20 | 19°14 | S 8 |
| S 9 | 21 47 57 | 25°28'52 | 17°44 | 17°12 | 8°51 | 17° 6 | 10° 4 | 14°35 | 24°30 | 18°28 | 22°37 | 2°30 | 1°51 | 13°27 | 19°12 | S 9 |
| M10 | 21 51 54 | 26°26'48 | 0♋21 | 18°40 | 10° 4 | 17°44 | 10°17 | 14°36 | 24°32 | 18°26 | 22°35 | 2°28 | 1°48 | 13°33 | 19° 9 | M10 |
| T 11 | 21 55 51 | 27°24'45 | 12°45 | 20° 7 | 11°18 | 18°23 | 10°30 | 14°37 | 24°34 | 18°25 | 22°34 | 2°23 | 1°45 | 13°40 | 19° 7 | T 11 |
| W12 | 21 59 47 | 28°22'44 | 24°59 | 21°33 | 12°32 | 19° 1 | 10°43 | 14°37 | 24°36 | 18°23 | 22°33 | 2°15 | 1°42 | 13°47 | 19° 4 | W12 |
| T 13 | 22 3 44 | 29°20'45 | 7♌ 5 | 22°58 | 13°46 | 19°39 | 10°55 | 14°38 | 24°38 | 18°22 | 22°32 | 2° 5 | 1°39 | 13°54 | 19° 2 | T 13 |
| F 14 | 22 7 40 | 0♍18'47 | 19° 5 | 24°20 | 15° 0 | 20°17 | 11° 8 | 14°38 | 24°40 | 18°20 | 22°31 | 1°52 | 1°35 | 14° 0 | 18°59 | F 14 |
| S 15 | 22 11 37 | 1°16'52 | 1♍ 0 | 25°42 | 16°14 | 20°55 | 11°21 | 14°39 | 24°42 | 18°19 | 22°30 | 1°38 | 1°32 | 14° 7 | 18°56 | S 15 |
| S 16 | 22 15 33 | 2°14'57 | 12°53 | 27° 2 | 17°28 | 21°34 | 11°34 | 14°39 | 24°44 | 18°17 | 22°29 | 1°24 | 1°29 | 14°14 | 18°53 | S 16 |
| M17 | 22 19 30 | 3°13'05 | 24°44 | 28°20 | 18°42 | 22°12 | 11°47 | 14°39 | 24°46 | 18°15 | 22°28 | 1°10 | 1°26 | 14°20 | 18°51 | M17 |
| T 18 | 22 23 26 | 4°11'14 | 6♎35 | 29°36 | 19°56 | 22°50 | 11°59 | 14°R39 | 24°47 | 18°14 | 22°27 | 0°59 | 1°23 | 14°27 | 18°48 | T 18 |
| W19 | 22 27 23 | 5° 9'25 | 18°29 | 0♎51 | 21°10 | 23°28 | 12°12 | 14°39 | 24°49 | 18°12 | 22°26 | 0°51 | 1°19 | 14°34 | 18°45 | W19 |
| T 20 | 22 31 20 | 6° 7'37 | 0♏28 | 2° 4 | 22°24 | 24° 6 | 12°25 | 14°39 | 24°51 | 18°11 | 22°25 | 0°45 | 1°16 | 14°41 | 18°43 | T 20 |
| F 21 | 22 35 16 | 7° 5'51 | 12°35 | 3°15 | 23°39 | 24°44 | 12°37 | 14°38 | 24°52 | 18° 9 | 22°24 | 0°42 | 1°13 | 14°47 | 18°40 | F 21 |
| S 22 | 22 39 13 | 8° 4'06 | 24°56 | 4°25 | 24°53 | 25°22 | 12°50 | 14°38 | 24°54 | 18° 7 | 22°23 | 0°41 | 1°10 | 14°54 | 18°37 | S 22 |
| S 23 | 22 43 9 | 9° 2'23 | 7♐35 | 5°32 | 26° 7 | 26° 1 | 13° 2 | 14°37 | 24°56 | 18° 6 | 22°22 | 0°41 | 1° 7 | 15° 1 | 18°34 | S 23 |
| M24 | 22 47 6 | 10° 0'42 | 20°36 | 6°37 | 27°21 | 26°39 | 13°15 | 14°37 | 24°57 | 18° 4 | 22°21 | 0°41 | 1° 4 | 15° 7 | 18°31 | M24 |
| T 25 | 22 51 2 | 10°59'02 | 4♑ 4 | 7°40 | 28°36 | 27°17 | 13°27 | 14°36 | 24°58 | 18° 3 | 22°21 | 0°39 | 1° 0 | 15°14 | 18°28 | T 25 |
| W26 | 22 54 59 | 11°57'23 | 18° 2 | 8°40 | 29°50 | 27°55 | 13°39 | 14°35 | 25° 0 | 18° 1 | 22°20 | 0°35 | 0°57 | 15°21 | 18°26 | W26 |
| T 27 | 22 58 55 | 12°55'47 | 2♒28 | 9°38 | 1♍ 4 | 28°33 | 13°52 | 14°34 | 25° 1 | 17°59 | 22°19 | 0°29 | 0°54 | 15°28 | 18°23 | T 27 |
| F 28 | 23 2 52 | 13°54'11 | 17°21 | 10°33 | 2°19 | 29°11 | 14° 4 | 14°33 | 25° 2 | 17°58 | 22°18 | 0°20 | 0°51 | 15°34 | 18°20 | F 28 |
| S 29 | 23 6 49 | 14°52'38 | 2♓33 | 11°25 | 3°33 | 29°49 | 14°16 | 14°32 | 25° 4 | 17°56 | 22°17 | 0°10 | 0°48 | 15°41 | 18°17 | S 29 |
| S 30 | 23 10 45 | 15°51'06 | 17°54 | 12°14 | 4°48 | 0♍27 | 14°28 | 14°31 | 25° 5 | 17°54 | 22°17 | 29♏59 | 0°44 | 15°48 | 18°14 | S 30 |
| M31 | 23 14 42 | 16♍49'36 | 3♈11 | 13♎ 0 | 6♍ 2 | 1♍ 5 | 14♌40 | 14♉29 | 25♊ 6 | 17♓53 | 22♑16 | 29♏50 | 0♐41 | 15♍54 | 18♓11 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 15n33 | 8s48 | 4n58 | 10n47 | 0n58 | 20n54 | 0n31 | 18n20 | 1n 9 | 18n47 | 0n34 | 13n54 | 2s24 | 23n30 | 0n 8 | 5s38 | 1s14 | 24s32 | 3s 0 | 20s50 | 20s40 | 2n11 | 0s 2 | 4n29 |
| S 2 | 15 15 | 3 25 | 4 59 | 10 4 | 0 52 | 20 41 | 0 33 | 18 9 | 1 9 | 18 44 | 0 35 | 13 54 | 2 25 | 23 30 | 0 8 | 5 38 | 1 14 | 24 32 | 3 0 | 20 48 | 20 40 | 2 9 | 0 3 | 4 29 |
| M 3 | 14 57 | 2n 7 | 4 40 | 9 21 | 0 45 | 20 27 | 0 35 | 17 58 | 1 9 | 18 40 | 0 35 | 13 55 | 2 25 | 23 30 | 0 8 | 5 39 | 1 14 | 24 32 | 3 0 | 20 46 | 20 39 | 2 6 | 0 4 | 4 29 |
| T 4 | 14 38 | 7 27 | 4 2 | 8 38 | 0 38 | 20 13 | 0 38 | 17 47 | 1 9 | 18 37 | 0 35 | 13 55 | 2 25 | 23 31 | 0 8 | 5 39 | 1 14 | 24 33 | 3 0 | 20 44 | 20 38 | 2 4 | 0 4 | 4 29 |
| W 5 | 14 20 | 12 14 | 3 9 | 7 55 | 0 31 | 19 58 | 0 40 | 17 36 | 1 9 | 18 34 | 0 35 | 13 55 | 2 25 | 23 31 | 0 8 | 5 40 | 1 14 | 24 33 | 3 0 | 20 44 | 20 38 | 2 2 | 0 5 | 4 29 |
| T 6 | 14 1 | 16 11 | 2 6 | 7 12 | 0 24 | 19 42 | 0 42 | 17 25 | 1 9 | 18 30 | 0 35 | 13 55 | 2 26 | 23 31 | 0 8 | 5 41 | 1 14 | 24 33 | 3 0 | 20 43 | 20 37 | 1 59 | 0 6 | 4 30 |
| F 7 | 13 42 | 19 8 | 0 57 | 6 29 | 0 16 | 19 26 | 0 44 | 17 14 | 1 9 | 18 27 | 0 35 | 13 55 | 2 26 | 23 31 | 0 8 | 5 41 | 1 14 | 24 33 | 3 0 | 20 43 | 20 36 | 1 57 | 0 7 | 4 30 |
| S 8 | 13 23 | 20 57 | 0s12 | 5 47 | 0 8 | 19 10 | 0 46 | 17 3 | 1 9 | 18 23 | 0 35 | 13 55 | 2 26 | 23 31 | 0 8 | 5 42 | 1 14 | 24 34 | 3 0 | 20 43 | 20 36 | 1 54 | 0 8 | 4 30 |
| S 9 | 13 4 | 21 37 | 1 20 | 5 4 | 0 0 | 18 52 | 0 49 | 16 51 | 1 9 | 18 20 | 0 35 | 13 55 | 2 26 | 23 31 | 0 8 | 5 42 | 1 14 | 24 34 | 3 0 | 20 43 | 20 35 | 1 52 | 0 9 | 4 30 |
| M10 | 12 44 | 21 9 | 2 21 | 4 22 | 0s 8 | 18 35 | 0 51 | 16 39 | 1 9 | 18 17 | 0 35 | 13 55 | 2 27 | 23 31 | 0 8 | 5 43 | 1 14 | 24 34 | 3 0 | 20 42 | 20 34 | 1 50 | 0 10 | 4 30 |
| T 11 | 12 24 | 19 39 | 3 15 | 3 40 | 0 16 | 18 16 | 0 53 | 16 28 | 1 10 | 18 13 | 0 35 | 13 55 | 2 27 | 23 31 | 0 8 | 5 44 | 1 14 | 24 34 | 3 0 | 20 41 | 20 34 | 1 47 | 0 11 | 4 30 |
| W12 | 12 4 | 17 16 | 3 59 | 2 59 | 0 25 | 17 57 | 0 54 | 16 16 | 1 10 | 18 10 | 0 36 | 13 55 | 2 27 | 23 31 | 0 8 | 5 44 | 1 14 | 24 34 | 3 1 | 20 40 | 20 33 | 1 45 | 0 12 | 4 30 |
| T 13 | 11 44 | 14 10 | 4 32 | 2 17 | 0 33 | 17 38 | 0 56 | 16 4 | 1 10 | 18 6 | 0 36 | 13 55 | 2 27 | 23 31 | 0 8 | 5 45 | 1 14 | 24 35 | 3 1 | 20 38 | 20 33 | 1 43 | 0 13 | 4 30 |
| F 14 | 11 23 | 10 31 | 4 52 | 1 37 | 0 42 | 17 18 | 0 58 | 15 52 | 1 10 | 18 3 | 0 36 | 13 55 | 2 28 | 23 32 | 0 8 | 5 45 | 1 14 | 24 35 | 3 1 | 20 35 | 20 32 | 1 40 | 0 14 | 4 30 |
| S 15 | 11 3 | 6 29 | 4 59 | 0 56 | 0 51 | 16 58 | 1 0 | 15 40 | 1 10 | 18 0 | 0 36 | 13 55 | 2 28 | 23 32 | 0 8 | 5 46 | 1 14 | 24 35 | 3 1 | 20 32 | 20 31 | 1 38 | 0 15 | 4 30 |
| S 16 | 10 42 | 2 13 | 4 54 | 0 17 | 0 59 | 16 37 | 1 2 | 15 27 | 1 10 | 17 56 | 0 36 | 13 55 | 2 28 | 23 32 | 0 8 | 5 47 | 1 14 | 24 35 | 3 1 | 20 29 | 20 31 | 1 35 | 0 16 | 4 30 |
| M17 | 10 21 | 2s 7 | 4 35 | 0s23 | 1 8 | 16 16 | 1 3 | 15 15 | 1 10 | 17 53 | 0 36 | 13 55 | 2 28 | 23 32 | 0 8 | 5 47 | 1 14 | 24 35 | 3 1 | 20 27 | 20 30 | 1 33 | 0 17 | 4 30 |
| T 18 | 10 0 | 6 22 | 4 4 | 1 1 | 1 17 | 15 54 | 1 5 | 15 3 | 1 10 | 17 49 | 0 36 | 13 55 | 2 28 | 23 32 | 0 8 | 5 48 | 1 14 | 24 36 | 3 1 | 20 24 | 20 29 | 1 31 | 0 18 | 4 30 |
| W19 | 9 39 | 10 23 | 3 23 | 1 39 | 1 26 | 15 32 | 1 7 | 14 50 | 1 10 | 17 46 | 0 36 | 13 54 | 2 29 | 23 32 | 0 8 | 5 49 | 1 14 | 24 36 | 3 1 | 20 23 | 20 29 | 1 28 | 0 19 | 4 30 |
| T 20 | 9 17 | 14 2 | 2 32 | 2 16 | 1 35 | 15 9 | 1 8 | 14 37 | 1 10 | 17 42 | 0 36 | 13 54 | 2 29 | 23 32 | 0 8 | 5 49 | 1 14 | 24 36 | 3 1 | 20 22 | 20 28 | 1 26 | 0 20 | 4 30 |
| F 21 | 8 56 | 17 9 | 1 34 | 2 53 | 1 44 | 14 46 | 1 10 | 14 25 | 1 10 | 17 39 | 0 37 | 13 54 | 2 29 | 23 32 | 0 8 | 5 50 | 1 14 | 24 36 | 3 1 | 20 21 | 20 27 | 1 23 | 0 21 | 4 30 |
| S 22 | 8 34 | 19 32 | 0 30 | 3 29 | 1 52 | 14 22 | 1 11 | 14 12 | 1 10 | 17 35 | 0 37 | 13 53 | 2 29 | 23 32 | 0 8 | 5 51 | 1 14 | 24 36 | 3 1 | 20 21 | 20 27 | 1 21 | 0 23 | 4 30 |
| S 23 | 8 12 | 21 2 | 0n36 | 4 3 | 2 1 | 13 59 | 1 12 | 13 59 | 1 10 | 17 32 | 0 37 | 13 53 | 2 30 | 23 32 | 0 8 | 5 51 | 1 14 | 24 37 | 3 1 | 20 21 | 20 26 | 1 19 | 0 24 | 4 30 |
| M24 | 7 50 | 21 27 | 1 43 | 4 37 | 2 10 | 13 34 | 1 14 | 13 46 | 1 10 | 17 29 | 0 37 | 13 53 | 2 30 | 23 32 | 0 8 | 5 52 | 1 14 | 24 37 | 3 1 | 20 21 | 20 25 | 1 16 | 0 25 | 4 30 |
| T 25 | 7 28 | 20 39 | 2 47 | 5 10 | 2 18 | 13 10 | 1 15 | 13 33 | 1 10 | 17 25 | 0 37 | 13 52 | 2 30 | 23 32 | 0 8 | 5 53 | 1 14 | 24 37 | 3 1 | 20 20 | 20 25 | 1 14 | 0 26 | 4 30 |
| W26 | 7 6 | 18 36 | 3 43 | 5 41 | 2 27 | 12 45 | 1 16 | 13 20 | 1 10 | 17 22 | 0 37 | 13 52 | 2 30 | 23 33 | 0 8 | 5 53 | 1 14 | 24 37 | 3 1 | 20 20 | 20 24 | 1 11 | 0 27 | 4 30 |
| T 27 | 6 43 | 15 20 | 4 26 | 6 12 | 2 35 | 12 19 | 1 17 | 13 6 | 1 10 | 17 18 | 0 37 | 13 51 | 2 30 | 23 33 | 0 8 | 5 54 | 1 14 | 24 37 | 3 1 | 20 18 | 20 23 | 1 9 | 0 28 | 4 30 |
| F 28 | 6 21 | 11 0 | 4 54 | 6 41 | 2 43 | 11 53 | 1 18 | 12 53 | 1 10 | 17 15 | 0 37 | 13 51 | 2 31 | 23 33 | 0 8 | 5 55 | 1 14 | 24 37 | 3 1 | 20 16 | 20 23 | 1 7 | 0 29 | 4 30 |
| S 29 | 5 58 | 5 54 | 5 1 | 7 9 | 2 51 | 11 27 | 1 19 | 12 40 | 1 11 | 17 11 | 0 38 | 13 50 | 2 31 | 23 33 | 0 8 | 5 55 | 1 14 | 24 37 | 3 1 | 20 14 | 20 22 | 1 4 | 0 31 | 4 30 |
| S 30 | 5 36 | 0 24 | 4 47 | 7 35 | 2 58 | 11 1 | 1 20 | 12 26 | 1 11 | 17 8 | 0 38 | 13 50 | 2 31 | 23 33 | 0 8 | 5 56 | 1 14 | 24 38 | 3 1 | 20 12 | 20 21 | 1 2 | 0 32 | 4 29 |
| M31 | 5n13 | 5n 8 | 4n12 | 8s 0 | 3s 6 | 10n34 | 1n21 | 12n13 | 1n11 | 17n 5 | 0n38 | 13n49 | 2s31 | 23n33 | 0n 8 | 5s57 | 1s14 | 24s38 | 3s 1 | 20s10 | 20s21 | 1n 0 | 0s33 | 4n29 |

Julian Day Number = 2279372.5, Delta T = 227.68 sec
Ecliptic obliquity = 23°29'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'45, Lahiri = 17°16'45 Julian Calendar 1 Aug. 1528 == Greg. Calendar 11 Aug. 1528



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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## SEPTEMBER 1528 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 23 18 38 | 17♍48'09 | 18♈16 | 13♎42 | 7♍17 | 1♍43 | 14♌53 | 14°R28 | 25♊ 7 | 17°R51 | 22°R15 | 29°R43 | 0♐38 | 16♍ 1 | 18°R 9 | T 1 |
| W 2 | 23 22 35 | 18°46'43 | 2♉57 | 14°20 | 8°31 | 2°22 | 15° 5 | 14♉26 | 25° 8 | 17♓49 | 22♋15 | 29♏38 | 0°35 | 16° 8 | 18♓ 6 | W 2 |
| T 3 | 23 26 31 | 19°45'20 | 17°12 | 14°54 | 9°46 | 3° 0 | 15°16 | 14°25 | 25° 9 | 17°48 | 22°14 | 29°35 | 0°32 | 16°15 | 18° 3 | T 3 |
| F 4 | 23 30 28 | 20°43'59 | 0♊58 | 15°23 | 11° 0 | 3°38 | 15°28 | 14°23 | 25°10 | 17°46 | 22°14 | 29°D35 | 0°29 | 16°21 | 18° 0 | F 4 |
| S 5 | 23 34 24 | 21°42'40 | 14°16 | 15°47 | 12°15 | 4°16 | 15°40 | 14°21 | 25°11 | 17°44 | 22°13 | 29°35 | 0°25 | 16°28 | 17°57 | S 5 |
| S 6 | 23 38 21 | 22°41'23 | 27°10 | 16° 6 | 13°30 | 4°54 | 15°52 | 14°19 | 25°12 | 17°43 | 22°12 | 29°R35 | 0°22 | 16°35 | 17°54 | S 6 |
| M 7 | 23 42 17 | 23°40'09 | 9♋44 | 16°20 | 14°44 | 5°32 | 16° 4 | 14°17 | 25°13 | 17°41 | 22°12 | 29°34 | 0°19 | 16°42 | 17°51 | M 7 |
| T 8 | 23 46 14 | 24°38'57 | 22° 3 | 16°27 | 15°59 | 6°10 | 16°15 | 14°15 | 25°13 | 17°39 | 22°11 | 29°30 | 0°16 | 16°48 | 17°49 | T 8 |
| W 9 | 23 50 11 | 25°37'47 | 4♌10 | 16°R28 | 17°14 | 6°48 | 16°27 | 14°12 | 25°14 | 17°38 | 22°11 | 29°24 | 0°13 | 16°55 | 17°46 | W 9 |
| T 10 | 23 54 7 | 26°36'40 | 16° 9 | 16°22 | 18°29 | 7°26 | 16°38 | 14°10 | 25°15 | 17°36 | 22°10 | 29°16 | 0°10 | 17° 2 | 17°43 | T 10 |
| F 11 | 23 58 4 | 27°35'34 | 28° 3 | 16° 9 | 19°43 | 8° 4 | 16°50 | 14° 7 | 25°15 | 17°34 | 22°10 | 29° 6 | 0° 6 | 17° 8 | 17°40 | F 11 |
| S 12 | 0 2 0 | 28°34'31 | 9♍56 | 15°49 | 20°58 | 8°42 | 17° 1 | 14° 5 | 25°16 | 17°33 | 22°10 | 28°54 | 0° 3 | 17°15 | 17°37 | S 12 |
| S 13 | 0 5 57 | 29°33'30 | 21°47 | 15°21 | 22°13 | 9°20 | 17°13 | 14° 2 | 25°16 | 17°31 | 22° 9 | 28°42 | 29♏59 | 17°22 | 17°35 | S 13 |
| M14 | 0 9 53 | 0♎32'30 | 3♎40 | 14°45 | 23°28 | 9°59 | 17°24 | 13°59 | 25°17 | 17°30 | 22° 9 | 28°31 | 29°57 | 17°29 | 17°32 | M14 |
| T 15 | 0 13 50 | 1°31'33 | 15°35 | 14° 2 | 24°43 | 10°37 | 17°35 | 13°57 | 25°17 | 17°28 | 22° 9 | 28°22 | 29°54 | 17°35 | 17°29 | T 15 |
| W16 | 0 17 46 | 2°30'38 | 27°35 | 13°12 | 25°58 | 11°15 | 17°46 | 13°54 | 25°17 | 17°26 | 22° 8 | 28°15 | 29°50 | 17°42 | 17°26 | W16 |
| T 17 | 0 21 43 | 3°29'45 | 9♏40 | 12°16 | 27°13 | 11°53 | 17°57 | 13°51 | 25°18 | 17°25 | 22° 8 | 28°11 | 29°47 | 17°49 | 17°24 | T 17 |
| F 18 | 0 25 40 | 4°28'54 | 21°54 | 11°14 | 28°28 | 12°31 | 18° 8 | 13°47 | 25°18 | 17°23 | 22° 8 | 28° 9 | 29°44 | 17°55 | 17°21 | F 18 |
| S 19 | 0 29 36 | 5°28'05 | 4♐20 | 10° 7 | 29°42 | 13° 9 | 18°19 | 13°44 | 25°18 | 17°22 | 22° 8 | 28°D 9 | 29°41 | 18° 2 | 17°18 | S 19 |
| S 20 | 0 33 33 | 6°27'17 | 17° 1 | 8°58 | 0♎57 | 13°47 | 18°30 | 13°41 | 25°18 | 17°20 | 22° 8 | 28°10 | 29°38 | 18° 9 | 17°15 | S 20 |
| M21 | 0 37 29 | 7°26'32 | 0♑ 1 | 7°47 | 2°12 | 14°25 | 18°40 | 13°38 | 25°R18 | 17°19 | 22° 7 | 28°11 | 29°35 | 18°16 | 17°13 | M21 |
| T 22 | 0 41 26 | 8°25'48 | 13°24 | 6°38 | 3°27 | 15° 3 | 18°51 | 13°34 | 25°18 | 17°17 | 22° 7 | 28°R11 | 29°31 | 18°22 | 17°10 | T 22 |
| W23 | 0 45 22 | 9°25'06 | 27°11 | 5°30 | 4°42 | 15°41 | 19° 1 | 13°31 | 25°18 | 17°16 | 22° 7 | 28° 9 | 29°28 | 18°29 | 17° 8 | W23 |
| T 24 | 0 49 19 | 10°24'25 | 11♒25 | 4°28 | 5°57 | 16°19 | 19°12 | 13°27 | 25°18 | 17°14 | 22° 7 | 28° 6 | 29°25 | 18°36 | 17° 5 | T 24 |
| F 25 | 0 53 15 | 11°23'47 | 26° 3 | 3°31 | 7°12 | 16°57 | 19°22 | 13°23 | 25°18 | 17°13 | 22°D 7 | 28° 1 | 29°22 | 18°42 | 17° 3 | F 25 |
| S 26 | 0 57 12 | 12°23'10 | 11♓ 0 | 2°43 | 8°28 | 17°35 | 19°32 | 13°20 | 25°17 | 17°11 | 22° 7 | 27°54 | 29°19 | 18°49 | 17° 0 | S 26 |
| S 27 | 1 1 9 | 13°22'35 | 26°10 | 2° 4 | 9°43 | 18°13 | 19°42 | 13°16 | 25°17 | 17°10 | 22° 7 | 27°47 | 29°15 | 18°56 | 16°58 | S 27 |
| M28 | 1 5 5 | 14°22'02 | 11♈21 | 1°35 | 10°58 | 18°51 | 19°52 | 13°12 | 25°17 | 17° 8 | 22° 7 | 27°41 | 29°12 | 19° 3 | 16°55 | M28 |
| T 29 | 1 9 2 | 15°21'31 | 26°24 | 1°17 | 12°13 | 19°29 | 20° 2 | 13° 8 | 25°16 | 17° 7 | 22° 7 | 27°36 | 29° 9 | 19° 9 | 16°53 | T 29 |
| W30 | 1 12 58 | 16♎21'02 | 11♉10 | 1°D10 | 13♎28 | 20♍ 8 | 20♌12 | 13♉ 4 | 25♊16 | 17♓ 5 | 22♋ 7 | 27♏33 | 29♏ 6 | 19♍16 | 16♓50 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 4n50 | 10n16 | 3n20 | 8s22 | 3s13 | 10n 7 | 1n22 | 11n59 | 1n11 | 17n 1 | 0n38 | 13n48 | 2s31 | 23n33 | 0n 8 | 5s57 | 1s14 | 24s38 | 3s 1 | 20s 8 | 20s20 | 0n57 | 0s34 | 4n29 |
| W 2 | 4 27 | 14 40 | 2 16 | 8 43 | 3 19 | 9 40 | 1 22 | 11 45 | 1 11 | 16 58 | 0 38 | 13 48 | 2 32 | 23 33 | 0 8 | 5 58 | 1 14 | 24 38 | 3 1 | 20 7 | 20 19 | 0 55 | 0 35 | 4 29 |
| T 3 | 4 4 | 18 3 | 1 5 | 9 2 | 3 25 | 9 13 | 1 23 | 11 32 | 1 11 | 16 54 | 0 38 | 13 47 | 2 32 | 23 33 | 0 8 | 5 58 | 1 14 | 24 38 | 3 1 | 20 7 | 20 19 | 0 52 | 0 36 | 4 29 |
| F 4 | 3 41 | 20 17 | 0s 7 | 9 19 | 3 31 | 8 45 | 1 24 | 11 18 | 1 11 | 16 51 | 0 38 | 13 46 | 2 32 | 23 33 | 0 8 | 5 59 | 1 14 | 24 38 | 3 1 | 20 7 | 20 18 | 0 50 | 0 38 | 4 29 |
| S 5 | 3 18 | 21 17 | 1 17 | 9 33 | 3 36 | 8 17 | 1 24 | 11 4 | 1 11 | 16 48 | 0 39 | 13 46 | 2 32 | 23 33 | 0 8 | 6 0 | 1 14 | 24 38 | 3 1 | 20 7 | 20 17 | 0 48 | 0 39 | 4 29 |
| S 6 | 2 54 | 21 7 | 2 21 | 9 44 | 3 40 | 7 48 | 1 25 | 10 50 | 1 11 | 16 44 | 0 39 | 13 45 | 2 32 | 23 33 | 0 8 | 6 0 | 1 14 | 24 38 | 3 1 | 20 7 | 20 17 | 0 45 | 0 40 | 4 29 |
| M 7 | 2 31 | 19 52 | 3 17 | 9 52 | 3 43 | 7 20 | 1 25 | 10 36 | 1 11 | 16 41 | 0 39 | 13 44 | 2 33 | 23 33 | 0 8 | 6 1 | 1 14 | 24 39 | 3 1 | 20 7 | 20 16 | 0 43 | 0 41 | 4 29 |
| T 8 | 2 8 | 17 43 | 4 1 | 9 58 | 3 46 | 6 51 | 1 25 | 10 22 | 1 11 | 16 37 | 0 39 | 13 43 | 2 33 | 23 33 | 0 9 | 6 2 | 1 14 | 24 39 | 3 1 | 20 6 | 20 15 | 0 41 | 0 42 | 4 29 |
| W 9 | 1 44 | 14 49 | 4 35 | 9 59 | 3 48 | 6 22 | 1 26 | 10 8 | 1 11 | 16 34 | 0 39 | 13 42 | 2 33 | 23 33 | 0 9 | 6 2 | 1 14 | 24 39 | 3 1 | 20 4 | 20 15 | 0 38 | 0 44 | 4 29 |
| T 10 | 1 21 | 11 20 | 4 55 | 9 58 | 3 48 | 5 53 | 1 26 | 9 54 | 1 11 | 16 31 | 0 39 | 13 41 | 2 33 | 23 33 | 0 9 | 6 3 | 1 14 | 24 39 | 3 1 | 20 3 | 20 14 | 0 36 | 0 45 | 4 29 |
| F 11 | 0 58 | 7 26 | 5 3 | 9 52 | 3 47 | 5 24 | 1 26 | 9 39 | 1 11 | 16 27 | 0 39 | 13 41 | 2 33 | 23 33 | 0 9 | 6 4 | 1 14 | 24 39 | 3 1 | 20 0 | 20 13 | 0 34 | 0 46 | 4 28 |
| S 12 | 0 34 | 3 16 | 4 58 | 9 42 | 3 45 | 4 54 | 1 26 | 9 25 | 1 11 | 16 24 | 0 40 | 13 40 | 2 34 | 23 33 | 0 9 | 6 4 | 1 14 | 24 39 | 3 1 | 19 58 | 20 13 | 0 31 | 0 47 | 4 28 |
| S 13 | 0 11 | 1s 1 | 4 39 | 9 28 | 3 41 | 4 25 | 1 26 | 9 11 | 1 11 | 16 21 | 0 40 | 13 39 | 2 34 | 23 33 | 0 9 | 6 5 | 1 14 | 24 39 | 3 1 | 19 55 | 20 12 | 0 29 | 0 48 | 4 28 |
| M14 | 0s13 | 5 16 | 4 9 | 9 9 | 3 36 | 3 55 | 1 26 | 8 56 | 1 11 | 16 18 | 0 40 | 13 38 | 2 34 | 23 33 | 0 9 | 6 6 | 1 14 | 24 39 | 3 1 | 19 53 | 20 11 | 0 26 | 0 50 | 4 28 |
| T 15 | 0 37 | 9 20 | 3 27 | 8 45 | 3 29 | 3 25 | 1 26 | 8 42 | 1 11 | 16 14 | 0 40 | 13 37 | 2 34 | 23 34 | 0 9 | 6 6 | 1 14 | 24 39 | 3 1 | 19 51 | 20 11 | 0 24 | 0 51 | 4 28 |
| W16 | 1 0 | 13 4 | 2 36 | 8 17 | 3 20 | 2 55 | 1 26 | 8 27 | 1 11 | 16 11 | 0 40 | 13 36 | 2 34 | 23 34 | 0 9 | 6 7 | 1 14 | 24 39 | 3 1 | 19 49 | 20 10 | 0 22 | 0 52 | 4 28 |
| T 17 | 1 24 | 16 17 | 1 38 | 7 45 | 3 9 | 2 25 | 1 25 | 8 13 | 1 11 | 16 8 | 0 40 | 13 35 | 2 34 | 23 34 | 0 9 | 6 7 | 1 14 | 24 39 | 3 1 | 19 48 | 20 9 | 0 19 | 0 53 | 4 28 |
| F 18 | 1 47 | 18 50 | 0 34 | 7 9 | 2 56 | 1 55 | 1 25 | 7 58 | 1 11 | 16 5 | 0 40 | 13 33 | 2 35 | 23 34 | 0 9 | 6 8 | 1 14 | 24 39 | 3 1 | 19 48 | 20 9 | 0 17 | 0 54 | 4 28 |
| S 19 | 2 11 | 20 31 | 0n33 | 6 29 | 2 41 | 1 25 | 1 25 | 7 43 | 1 11 | 16 1 | 0 41 | 13 32 | 2 35 | 23 34 | 0 9 | 6 9 | 1 14 | 24 39 | 3 1 | 19 48 | 20 8 | 0 15 | 0 55 | 4 27 |
| S 20 | 2 34 | 21 12 | 1 40 | 5 47 | 2 25 | 0 54 | 1 24 | 7 29 | 1 11 | 15 58 | 0 41 | 13 31 | 2 35 | 23 34 | 0 9 | 6 9 | 1 14 | 24 39 | 3 1 | 19 48 | 20 7 | 0 12 | 0 57 | 4 27 |
| M21 | 2 58 | 20 47 | 2 43 | 5 3 | 2 7 | 0 24 | 1 24 | 7 14 | 1 10 | 15 55 | 0 41 | 13 30 | 2 35 | 23 34 | 0 9 | 6 10 | 1 14 | 24 39 | 3 1 | 19 48 | 20 7 | 0 10 | 0 58 | 4 27 |
| T 22 | 3 21 | 19 11 | 3 39 | 4 17 | 1 48 | 0s 6 | 1 23 | 6 59 | 1 10 | 15 52 | 0 41 | 13 29 | 2 35 | 23 34 | 0 9 | 6 10 | 1 14 | 24 39 | 3 1 | 19 48 | 20 6 | 0 8 | 0 59 | 4 27 |
| W23 | 3 44 | 16 27 | 4 25 | 3 32 | 1 28 | 0 37 | 1 22 | 6 44 | 1 10 | 15 49 | 0 41 | 13 28 | 2 35 | 23 34 | 0 9 | 6 11 | 1 14 | 24 39 | 3 1 | 19 48 | 20 5 | 0 5 | 1 0 | 4 27 |
| T 24 | 4 8 | 12 40 | 4 55 | 2 49 | 1 8 | 1 7 | 1 22 | 6 29 | 1 10 | 15 46 | 0 41 | 13 27 | 2 35 | 23 34 | 0 9 | 6 12 | 1 14 | 24 39 | 3 1 | 19 47 | 20 5 | 0 3 | 1 1 | 4 27 |
| F 25 | 4 31 | 8 2 | 5 8 | 2 7 | 0 47 | 1 38 | 1 21 | 6 15 | 1 10 | 15 43 | 0 42 | 13 25 | 2 36 | 23 34 | 0 9 | 6 12 | 1 14 | 24 39 | 3 1 | 19 46 | 20 4 | 0 1 | 1 2 | 4 26 |
| S 26 | 4 54 | 2 50 | 5 0 | 1 29 | 0 27 | 2 8 | 1 20 | 6 0 | 1 10 | 15 40 | 0 42 | 13 24 | 2 36 | 23 34 | 0 9 | 6 13 | 1 14 | 24 39 | 3 1 | 19 45 | 20 3 | 0s 2 | 1 4 | 4 26 |
| S 27 | 5 18 | 2n37 | 4 32 | 0 56 | 0 7 | 2 39 | 1 19 | 5 45 | 1 10 | 15 36 | 0 42 | 13 23 | 2 36 | 23 34 | 0 9 | 6 13 | 1 14 | 24 39 | 3 1 | 19 43 | 20 3 | 0 4 | 1 5 | 4 26 |
| M28 | 5 41 | 7 56 | 3 44 | 0 27 | 0n12 | 3 9 | 1 18 | 5 30 | 1 10 | 15 33 | 0 42 | 13 22 | 2 36 | 23 34 | 0 9 | 6 14 | 1 14 | 24 39 | 3 1 | 19 42 | 20 2 | 0 6 | 1 6 | 4 26 |
| T 29 | 6 4 | 12 42 | 2 41 | 0 4 | 0 29 | 3 39 | 1 17 | 5 15 | 1 10 | 15 30 | 0 42 | 13 20 | 2 36 | 23 34 | 0 9 | 6 14 | 1 14 | 24 39 | 3 1 | 19 40 | 20 1 | 0 9 | 1 7 | 4 26 |
| W30 | 6s27 | 16n36 | 1n28 | 0n14 | 0n46 | 4s 9 | 1n16 | 5n 0 | 1n10 | 15n28 | 0n43 | 13n19 | 2s36 | 23n34 | 0n 9 | 6s15 | 1s14 | 24s39 | 3s 1 | 19s40 | 20s 0 | 0s11 | 1s 8 | 4n25 |

Julian Day Number = 2279403.5, Delta T = 227.49 sec
Ecliptic obliquity = 23°29'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'49, Lahiri = 17°16'49 Julian Calendar 1 Sept. 1528 == Greg. Calendar 11 Sept. 1528



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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## OCTOBER 1528 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 1 16 55 | 17♎20'35 | 25♉31 | 1♎14 | 14♎43 | 20♍46 | 20♌22 | 13°R 0 | 25°R16 | 17°R 4 | 22♑ 8 | 27°D32 | 29♏ 3 | 19♍23 | 16°R48 | T 1 |
| F 2 | 1 20 51 | 18°20'11 | 9♊26 | 1°29 | 15°58 | 21°24 | 20°32 | 12♉56 | 25♊15 | 17♓ 3 | 22° 8 | 27♏32 | 29° 0 | 19°29 | 16♓46 | F 2 |
| S 3 | 1 24 48 | 19°19'49 | 22°52 | 1°54 | 17°13 | 22° 2 | 20°41 | 12°51 | 25°14 | 17° 1 | 22° 8 | 27°34 | 28°56 | 19°36 | 16°43 | S 3 |
| S 4 | 1 28 44 | 20°19'29 | 5♋52 | 2°29 | 18°28 | 22°40 | 20°50 | 12°47 | 25°14 | 17° 0 | 22° 8 | 27°35 | 28°53 | 19°43 | 16°41 | S 4 |
| M 5 | 1 32 41 | 21°19'12 | 18°30 | 3°13 | 19°44 | 23°18 | 21° 0 | 12°43 | 25°13 | 16°59 | 22° 8 | 27°R36 | 28°50 | 19°50 | 16°39 | M 5 |
| T 6 | 1 36 37 | 22°18'56 | 0♌50 | 4° 4 | 20°59 | 23°56 | 21° 9 | 12°38 | 25°12 | 16°57 | 22° 9 | 27°36 | 28°47 | 19°56 | 16°37 | T 6 |
| W 7 | 1 40 34 | 23°18'43 | 12°56 | 5° 3 | 22°14 | 24°34 | 21°18 | 12°34 | 25°12 | 16°56 | 22° 9 | 27°34 | 28°44 | 20° 3 | 16°34 | W 7 |
| T 8 | 1 44 31 | 24°18'33 | 24°54 | 6° 9 | 23°29 | 25°12 | 21°27 | 12°30 | 25°11 | 16°55 | 22° 9 | 27°30 | 28°41 | 20°10 | 16°32 | T 8 |
| F 9 | 1 48 27 | 25°18'24 | 6♍46 | 7°19 | 24°44 | 25°50 | 21°36 | 12°25 | 25°10 | 16°54 | 22°10 | 27°26 | 28°37 | 20°16 | 16°30 | F 9 |
| S 10 | 1 52 24 | 26°18'17 | 18°37 | 8°35 | 26° 0 | 26°28 | 21°45 | 12°20 | 25° 9 | 16°52 | 22°10 | 27°20 | 28°34 | 20°23 | 16°28 | S 10 |
| S 11 | 1 56 20 | 27°18'13 | 0♎29 | 9°55 | 27°15 | 27° 6 | 21°53 | 12°16 | 25° 8 | 16°51 | 22°11 | 27°14 | 28°31 | 20°30 | 16°26 | S 11 |
| M12 | 2 0 17 | 28°18'11 | 12°26 | 11°18 | 28°30 | 27°44 | 22° 2 | 12°11 | 25° 7 | 16°50 | 22°11 | 27° 9 | 28°28 | 20°37 | 16°24 | M12 |
| T 13 | 2 4 13 | 29°18'11 | 24°29 | 12°45 | 29°45 | 28°22 | 22°10 | 12° 7 | 25° 6 | 16°49 | 22°12 | 27° 5 | 28°25 | 20°43 | 16°22 | T 13 |
| W14 | 2 8 10 | 0♏18'12 | 6♏38 | 14°14 | 1♏ 1 | 29° 1 | 22°19 | 12° 2 | 25° 5 | 16°48 | 22°12 | 27° 2 | 28°21 | 20°50 | 16°21 | W14 |
| T 15 | 2 12 6 | 1°18'16 | 18°57 | 15°44 | 2°16 | 29°39 | 22°27 | 11°57 | 25° 4 | 16°47 | 22°13 | 27° 0 | 28°18 | 20°57 | 16°19 | T 15 |
| F 16 | 2 16 3 | 2°18'21 | 1♐26 | 17°17 | 3°31 | 0♎17 | 22°35 | 11°52 | 25° 2 | 16°46 | 22°13 | 27°D 0 | 28°15 | 21° 3 | 16°17 | F 16 |
| S 17 | 2 20 0 | 3°18'29 | 14° 6 | 18°51 | 4°47 | 0°55 | 22°43 | 11°48 | 25° 1 | 16°45 | 22°14 | 27° 1 | 28°12 | 21°10 | 16°15 | S 17 |
| S 18 | 2 23 56 | 4°18'37 | 27° 0 | 20°26 | 6° 2 | 1°33 | 22°50 | 11°43 | 25° 0 | 16°44 | 22°15 | 27° 2 | 28° 9 | 21°17 | 16°14 | S 18 |
| M19 | 2 27 53 | 5°18'48 | 10♑ 8 | 22° 1 | 7°17 | 2°11 | 22°58 | 11°38 | 24°58 | 16°43 | 22°15 | 27° 4 | 28° 6 | 21°24 | 16°12 | M19 |
| T 20 | 2 31 49 | 6°19'00 | 23°33 | 23°38 | 8°33 | 2°49 | 23° 5 | 11°33 | 24°57 | 16°42 | 22°16 | 27° 5 | 28° 2 | 21°30 | 16°10 | T 20 |
| W21 | 2 35 46 | 7°19'14 | 7♒17 | 25°14 | 9°48 | 3°27 | 23°13 | 11°28 | 24°55 | 16°41 | 22°17 | 27°R 6 | 27°59 | 21°37 | 16° 9 | W21 |
| T 22 | 2 39 42 | 8°19'29 | 21°19 | 26°51 | 11° 3 | 4° 5 | 23°20 | 11°23 | 24°54 | 16°40 | 22°17 | 27° 5 | 27°56 | 21°44 | 16° 7 | T 22 |
| F 23 | 2 43 39 | 9°19'45 | 5♓39 | 28°29 | 12°18 | 4°43 | 23°27 | 11°18 | 24°52 | 16°39 | 22°18 | 27° 4 | 27°53 | 21°50 | 16° 6 | F 23 |
| S 24 | 2 47 35 | 10°20'03 | 20°14 | 0♏ 6 | 13°34 | 5°21 | 23°34 | 11°14 | 24°51 | 16°38 | 22°19 | 27° 2 | 27°50 | 21°57 | 16° 5 | S 24 |
| S 25 | 2 51 32 | 11°20'22 | 4♈59 | 1°43 | 14°49 | 5°59 | 23°41 | 11° 9 | 24°49 | 16°37 | 22°20 | 27° 0 | 27°47 | 22° 4 | 16° 3 | S 25 |
| M26 | 2 55 29 | 12°20'43 | 19°48 | 3°21 | 16° 4 | 6°37 | 23°47 | 11° 4 | 24°48 | 16°37 | 22°21 | 26°58 | 27°43 | 22°10 | 16° 2 | M26 |
| T 27 | 2 59 25 | 13°21'06 | 4♉33 | 4°58 | 17°20 | 7°15 | 23°54 | 10°59 | 24°46 | 16°36 | 22°22 | 26°56 | 27°40 | 22°17 | 16° 1 | T 27 |
| W28 | 3 3 22 | 14°21'30 | 19° 6 | 6°35 | 18°35 | 7°54 | 24° 0 | 10°54 | 24°44 | 16°35 | 22°23 | 26°56 | 27°37 | 22°24 | 16° 0 | W28 |
| T 29 | 3 7 18 | 15°21'55 | 3♊23 | 8°12 | 19°50 | 8°32 | 24° 6 | 10°49 | 24°42 | 16°35 | 22°23 | 26°D56 | 27°34 | 22°31 | 15°59 | T 29 |
| F 30 | 3 11 15 | 16°22'23 | 17°17 | 9°48 | 21° 6 | 9°10 | 24°12 | 10°44 | 24°40 | 16°34 | 22°24 | 26°56 | 27°31 | 22°37 | 15°57 | F 30 |
| S 31 | 3 15 11 | 17♏22'52 | 0♋47 | 11♏25 | 22♏21 | 9♎48 | 24♌18 | 10♉39 | 24♊39 | 16♓33 | 22♑25 | 26♏57 | 27♏27 | 22♍44 | 15♓56 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 6s50 | 19n22 | 0n11 | 0n26 | 1n 0 | 4s40 | 1n15 | 4n45 | 1n10 | 15n25 | 0n43 | 13n18 | 2s36 | 23n34 | 0n 9 | 6s15 | 1s14 | 24s39 | 3s 1 | 19s39 | 20s 0 | 0s13 | 1s 9 | 4n25 |
| F 2 | 7 12 | 20 52 | 1s 4 | 0 32 | 1 14 | 5 10 | 1 14 | 4 29 | 1 10 | 15 22 | 0 43 | 13 16 | 2 36 | 23 34 | 0 9 | 6 16 | 1 14 | 24 39 | 3 1 | 19 40 | 19 59 | 0 16 | 1 10 | 4 25 |
| S 3 | 7 35 | 21 5 | 2 13 | 0 33 | 1 25 | 5 40 | 1 13 | 4 14 | 1 10 | 15 19 | 0 43 | 13 15 | 2 36 | 23 34 | 0 9 | 6 16 | 1 14 | 24 39 | 3 1 | 19 40 | 19 58 | 0 18 | 1 11 | 4 25 |
| S 4 | 7 58 | 20 9 | 3 13 | 0 28 | 1 35 | 6 10 | 1 11 | 3 59 | 1 10 | 15 16 | 0 43 | 13 14 | 2 37 | 23 34 | 0 9 | 6 17 | 1 14 | 24 39 | 3 1 | 19 40 | 19 58 | 0 20 | 1 12 | 4 25 |
| M 5 | 8 20 | 18 13 | 4 2 | 0 18 | 1 44 | 6 39 | 1 10 | 3 44 | 1 10 | 15 13 | 0 43 | 13 12 | 2 37 | 23 34 | 0 9 | 6 17 | 1 14 | 24 39 | 3 1 | 19 40 | 19 57 | 0 23 | 1 13 | 4 24 |
| T 6 | 8 43 | 15 29 | 4 39 | 0 4 | 1 51 | 7 9 | 1 9 | 3 29 | 1 10 | 15 10 | 0 44 | 13 11 | 2 37 | 23 34 | 0 9 | 6 18 | 1 14 | 24 39 | 3 1 | 19 40 | 19 56 | 0 25 | 1 15 | 4 24 |
| W 7 | 9 5 | 12 9 | 5 2 | 0s14 | 1 56 | 7 38 | 1 7 | 3 14 | 1 10 | 15 8 | 0 44 | 13 10 | 2 37 | 23 34 | 0 9 | 6 18 | 1 14 | 24 39 | 3 1 | 19 40 | 19 56 | 0 27 | 1 16 | 4 24 |
| T 8 | 9 27 | 8 22 | 5 11 | 0 36 | 2 1 | 8 8 | 1 6 | 2 58 | 1 9 | 15 5 | 0 44 | 13 8 | 2 37 | 23 34 | 0 9 | 6 19 | 1 14 | 24 39 | 3 1 | 19 39 | 19 55 | 0 30 | 1 17 | 4 24 |
| F 9 | 9 49 | 4 17 | 5 8 | 1 1 | 2 4 | 8 37 | 1 4 | 2 43 | 1 9 | 15 2 | 0 44 | 13 7 | 2 37 | 23 34 | 0 9 | 6 19 | 1 14 | 24 39 | 3 1 | 19 38 | 19 54 | 0 32 | 1 18 | 4 23 |
| S 10 | 10 11 | 0 3 | 4 51 | 1 29 | 2 6 | 9 6 | 1 3 | 2 28 | 1 9 | 15 0 | 0 44 | 13 5 | 2 37 | 23 34 | 0 9 | 6 20 | 1 14 | 24 39 | 3 1 | 19 37 | 19 53 | 0 34 | 1 19 | 4 23 |
| S 11 | 10 32 | 4s11 | 4 21 | 2 0 | 2 6 | 9 34 | 1 1 | 2 13 | 1 9 | 14 57 | 0 45 | 13 4 | 2 37 | 23 34 | 0 9 | 6 20 | 1 14 | 24 39 | 3 1 | 19 35 | 19 53 | 0 37 | 1 20 | 4 23 |
| M12 | 10 54 | 8 18 | 3 40 | 2 33 | 2 6 | 10 3 | 0 59 | 1 57 | 1 9 | 14 54 | 0 45 | 13 2 | 2 37 | 23 34 | 0 9 | 6 21 | 1 14 | 24 39 | 3 1 | 19 34 | 19 52 | 0 39 | 1 21 | 4 23 |
| T 13 | 11 15 | 12 8 | 2 49 | 3 7 | 2 5 | 10 31 | 0 57 | 1 42 | 1 9 | 14 52 | 0 45 | 13 1 | 2 37 | 23 34 | 0 9 | 6 21 | 1 14 | 24 39 | 3 1 | 19 33 | 19 51 | 0 41 | 1 22 | 4 22 |
| W14 | 11 36 | 15 29 | 1 50 | 3 43 | 2 4 | 10 59 | 0 56 | 1 27 | 1 9 | 14 49 | 0 45 | 13 0 | 2 37 | 23 34 | 0 9 | 6 22 | 1 14 | 24 38 | 3 1 | 19 33 | 19 51 | 0 44 | 1 23 | 4 22 |
| T 15 | 11 57 | 18 12 | 0 44 | 4 21 | 2 1 | 11 27 | 0 54 | 1 12 | 1 9 | 14 47 | 0 45 | 12 58 | 2 37 | 23 34 | 0 9 | 6 22 | 1 14 | 24 38 | 3 1 | 19 32 | 19 50 | 0 46 | 1 23 | 4 22 |
| F 16 | 12 18 | 20 6 | 0n24 | 4 59 | 1 58 | 11 54 | 0 52 | 0 56 | 1 9 | 14 44 | 0 46 | 12 57 | 2 37 | 23 33 | 0 9 | 6 22 | 1 14 | 24 38 | 3 1 | 19 32 | 19 49 | 0 48 | 1 24 | 4 22 |
| S 17 | 12 39 | 21 1 | 1 33 | 5 38 | 1 55 | 12 22 | 0 50 | 0 41 | 1 9 | 14 42 | 0 46 | 12 55 | 2 37 | 23 33 | 0 9 | 6 23 | 1 14 | 24 38 | 3 1 | 19 32 | 19 49 | 0 51 | 1 25 | 4 21 |
| S 18 | 12 59 | 20 50 | 2 38 | 6 17 | 1 51 | 12 49 | 0 48 | 0 26 | 1 9 | 14 40 | 0 46 | 12 54 | 2 37 | 23 33 | 0 9 | 6 23 | 1 14 | 24 38 | 3 1 | 19 33 | 19 48 | 0 53 | 1 26 | 4 21 |
| M19 | 13 20 | 19 31 | 3 36 | 6 57 | 1 46 | 13 15 | 0 46 | 0 11 | 1 8 | 14 37 | 0 46 | 12 52 | 2 37 | 23 33 | 0 9 | 6 23 | 1 14 | 24 38 | 3 1 | 19 33 | 19 47 | 0 55 | 1 27 | 4 21 |
| T 20 | 13 40 | 17 7 | 4 23 | 7 37 | 1 42 | 13 41 | 0 44 | 0s 5 | 1 8 | 14 35 | 0 46 | 12 51 | 2 37 | 23 33 | 0 9 | 6 24 | 1 14 | 24 38 | 3 1 | 19 33 | 19 46 | 0 58 | 1 28 | 4 21 |
| W21 | 13 59 | 13 42 | 4 57 | 8 18 | 1 36 | 14 7 | 0 42 | 0 20 | 1 8 | 14 33 | 0 47 | 12 49 | 2 37 | 23 33 | 0 9 | 6 24 | 1 14 | 24 38 | 3 1 | 19 33 | 19 46 | 1 0 | 1 29 | 4 20 |
| T 22 | 14 19 | 9 28 | 5 14 | 8 58 | 1 31 | 14 33 | 0 40 | 0 35 | 1 8 | 14 31 | 0 47 | 12 48 | 2 37 | 23 33 | 0 9 | 6 24 | 1 14 | 24 38 | 3 1 | 19 33 | 19 45 | 1 2 | 1 30 | 4 20 |
| F 23 | 14 38 | 4 37 | 5 12 | 9 38 | 1 25 | 14 58 | 0 38 | 0 50 | 1 8 | 14 29 | 0 47 | 12 46 | 2 37 | 23 33 | 0 9 | 6 25 | 1 14 | 24 37 | 3 1 | 19 33 | 19 44 | 1 5 | 1 30 | 4 20 |
| S 24 | 14 57 | 0n34 | 4 50 | 10 18 | 1 19 | 15 23 | 0 36 | 1 6 | 1 8 | 14 27 | 0 47 | 12 45 | 2 37 | 23 33 | 0 9 | 6 25 | 1 14 | 24 37 | 3 1 | 19 33 | 19 44 | 1 7 | 1 31 | 4 20 |
| S 25 | 15 16 | 5 48 | 4 9 | 10 58 | 1 13 | 15 47 | 0 34 | 1 21 | 1 8 | 14 25 | 0 48 | 12 43 | 2 37 | 23 33 | 0 9 | 6 25 | 1 14 | 24 37 | 3 1 | 19 32 | 19 43 | 1 9 | 1 32 | 4 19 |
| M26 | 15 35 | 10 43 | 3 11 | 11 37 | 1 7 | 16 11 | 0 31 | 1 36 | 1 8 | 14 23 | 0 48 | 12 42 | 2 37 | 23 33 | 0 9 | 6 26 | 1 14 | 24 37 | 3 1 | 19 32 | 19 42 | 1 12 | 1 33 | 4 19 |
| T 27 | 15 53 | 14 58 | 2 1 | 12 16 | 1 0 | 16 35 | 0 29 | 1 51 | 1 7 | 14 21 | 0 48 | 12 40 | 2 37 | 23 33 | 0 9 | 6 26 | 1 14 | 24 37 | 3 1 | 19 31 | 19 41 | 1 14 | 1 33 | 4 19 |
| W28 | 16 11 | 18 14 | 0 43 | 12 54 | 0 54 | 16 58 | 0 27 | 2 7 | 1 7 | 14 19 | 0 48 | 12 39 | 2 37 | 23 33 | 0 9 | 6 26 | 1 14 | 24 37 | 3 1 | 19 31 | 19 41 | 1 16 | 1 34 | 4 18 |
| T 29 | 16 29 | 20 18 | 0s36 | 13 32 | 0 47 | 17 21 | 0 25 | 2 22 | 1 7 | 14 17 | 0 48 | 12 38 | 2 37 | 23 33 | 0 9 | 6 26 | 1 14 | 24 37 | 3 1 | 19 31 | 19 40 | 1 18 | 1 35 | 4 18 |
| F 30 | 16 47 | 21 3 | 1 50 | 14 9 | 0 40 | 17 43 | 0 22 | 2 37 | 1 7 | 14 15 | 0 49 | 12 36 | 2 37 | 23 33 | 0 9 | 6 27 | 1 13 | 24 36 | 3 1 | 19 31 | 19 39 | 1 21 | 1 35 | 4 18 |
| S 31 | 17s 4 | 20n33 | 2s57 | 14s46 | 0n34 | 18s 5 | 0n20 | 2s52 | 1n 7 | 14n13 | 0n49 | 12n35 | 2s37 | 23n33 | 0n 9 | 6s27 | 1s13 | 24s36 | 3s 1 | 19s32 | 19s38 | 1s23 | 1s36 | 4n18 |

Julian Day Number = 2279433.5, Delta T = 227.30 sec
Ecliptic obliquity = 23°29'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'53, Lahiri = 17°16'54 Julian Calendar 1 Oct. 1528 == Greg. Calendar 11 Oct. 1528



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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## NOVEMBER 1528 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 3 19 8 | 18♏23'24 | 13♋53 | 13♏ 1 | 23♏36 | 10♎26 | 24♌24 | 10°R35 | 24°R37 | 16°R33 | 22♑26 | 26♏58 | 27♏24 | 22♍51 | 15°R56 | S 1 |
| M 2 | 3 23 4 | 19°23'56 | 26°36 | 14°37 | 24°52 | 11° 4 | 24°29 | 10♉30 | 24♊35 | 16♓32 | 22°28 | 26°59 | 27°21 | 22°57 | 15♓55 | M 2 |
| T 3 | 3 27 1 | 20°24'31 | 9♌ 1 | 16°13 | 26° 7 | 11°42 | 24°35 | 10°25 | 24°33 | 16°32 | 22°29 | 26°59 | 27°18 | 23° 4 | 15°54 | T 3 |
| W 4 | 3 30 58 | 21°25'07 | 21°10 | 17°49 | 27°22 | 12°20 | 24°40 | 10°20 | 24°31 | 16°31 | 22°30 | 26°R59 | 27°15 | 23°11 | 15°53 | W 4 |
| T 5 | 3 34 54 | 22°25'45 | 3♍ 8 | 19°24 | 28°38 | 12°58 | 24°45 | 10°16 | 24°29 | 16°31 | 22°31 | 26°59 | 27°12 | 23°18 | 15°52 | T 5 |
| F 6 | 3 38 51 | 23°26'25 | 15° 1 | 20°59 | 29°53 | 13°36 | 24°50 | 10°11 | 24°27 | 16°30 | 22°32 | 26°59 | 27° 8 | 23°24 | 15°52 | F 6 |
| S 7 | 3 42 47 | 24°27'07 | 26°52 | 22°34 | 1♐ 8 | 14°14 | 24°55 | 10° 6 | 24°25 | 16°30 | 22°33 | 26°59 | 27° 5 | 23°31 | 15°51 | S 7 |
| S 8 | 3 46 44 | 25°27'50 | 8♎46 | 24° 9 | 2°24 | 14°52 | 24°59 | 10° 2 | 24°22 | 16°29 | 22°34 | 26°58 | 27° 2 | 23°38 | 15°50 | S 8 |
| M 9 | 3 50 40 | 26°28'34 | 20°46 | 25°44 | 3°39 | 15°30 | 25° 4 | 9°57 | 24°20 | 16°29 | 22°36 | 26°D58 | 26°59 | 23°44 | 15°50 | M 9 |
| T 10 | 3 54 37 | 27°29'20 | 2♏56 | 27°19 | 4°54 | 16° 9 | 25° 8 | 9°52 | 24°18 | 16°29 | 22°37 | 26°58 | 26°56 | 23°51 | 15°50 | T 10 |
| W11 | 3 58 33 | 28°30'08 | 15°18 | 28°53 | 6°10 | 16°47 | 25°12 | 9°48 | 24°16 | 16°29 | 22°38 | 26°58 | 26°52 | 23°58 | 15°49 | W11 |
| T 12 | 4 2 30 | 29°30'57 | 27°52 | 0♐28 | 7°25 | 17°25 | 25°16 | 9°43 | 24°14 | 16°28 | 22°39 | 26°R58 | 26°49 | 24° 5 | 15°49 | T 12 |
| F 13 | 4 6 27 | 0♐31'47 | 10♐41 | 2° 2 | 8°41 | 18° 3 | 25°19 | 9°39 | 24°11 | 16°28 | 22°41 | 26°58 | 26°46 | 24°11 | 15°49 | F 13 |
| S 14 | 4 10 23 | 1°32'39 | 23°44 | 3°36 | 9°56 | 18°41 | 25°23 | 9°35 | 24° 9 | 16°28 | 22°42 | 26°58 | 26°43 | 24°18 | 15°48 | S 14 |
| S 15 | 4 14 20 | 2°33'31 | 7♑ 0 | 5°10 | 11°11 | 19°19 | 25°26 | 9°30 | 24° 7 | 16°28 | 22°43 | 26°57 | 26°40 | 24°25 | 15°48 | S 15 |
| M16 | 4 18 16 | 3°34'25 | 20°30 | 6°44 | 12°27 | 19°57 | 25°29 | 9°26 | 24° 4 | 16°28 | 22°45 | 26°57 | 26°37 | 24°31 | 15°48 | M16 |
| T 17 | 4 22 13 | 4°35'19 | 4♒11 | 8°18 | 13°42 | 20°35 | 25°32 | 9°22 | 24° 2 | 16°28 | 22°46 | 26°56 | 26°33 | 24°38 | 15°D48 | T 17 |
| W18 | 4 26 9 | 5°36'14 | 18° 3 | 9°52 | 14°57 | 21°13 | 25°35 | 9°18 | 24° 0 | 16°D28 | 22°48 | 26°55 | 26°30 | 24°45 | 15°48 | W18 |
| T 19 | 4 30 6 | 6°37'10 | 2♓ 4 | 11°26 | 16°13 | 21°51 | 25°38 | 9°14 | 23°57 | 16°28 | 22°49 | 26°D55 | 26°27 | 24°51 | 15°48 | T 19 |
| F 20 | 4 34 2 | 7°38'07 | 16°14 | 13° 0 | 17°28 | 22°29 | 25°40 | 9°10 | 23°55 | 16°28 | 22°50 | 26°55 | 26°24 | 24°58 | 15°48 | F 20 |
| S 21 | 4 37 59 | 8°39'04 | 0♈29 | 14°34 | 18°43 | 23° 7 | 25°42 | 9° 6 | 23°52 | 16°28 | 22°52 | 26°55 | 26°21 | 25° 5 | 15°49 | S 21 |
| S 22 | 4 41 56 | 9°40'02 | 14°48 | 16° 8 | 19°59 | 23°45 | 25°44 | 9° 2 | 23°50 | 16°28 | 22°53 | 26°56 | 26°18 | 25°12 | 15°49 | S 22 |
| M23 | 4 45 52 | 10°41'00 | 29° 7 | 17°42 | 21°14 | 24°23 | 25°46 | 8°58 | 23°47 | 16°28 | 22°55 | 26°57 | 26°14 | 25°18 | 15°49 | M23 |
| T 24 | 4 49 49 | 11°42'00 | 13♉23 | 19°16 | 22°29 | 25° 1 | 25°48 | 8°55 | 23°45 | 16°28 | 22°56 | 26°58 | 26°11 | 25°25 | 15°50 | T 24 |
| W25 | 4 53 45 | 12°43'00 | 27°32 | 20°50 | 23°45 | 25°39 | 25°49 | 8°51 | 23°42 | 16°29 | 22°58 | 26°R59 | 26° 8 | 25°32 | 15°50 | W25 |
| T 26 | 4 57 42 | 13°44'00 | 11♊28 | 22°24 | 25° 0 | 26°17 | 25°51 | 8°47 | 23°40 | 16°29 | 23° 0 | 26°58 | 26° 5 | 25°38 | 15°51 | T 26 |
| F 27 | 5 1 38 | 14°45'02 | 25°10 | 23°58 | 26°15 | 26°55 | 25°52 | 8°44 | 23°37 | 16°29 | 23° 1 | 26°57 | 26° 2 | 25°45 | 15°51 | F 27 |
| S 28 | 5 5 35 | 15°46'04 | 8♋33 | 25°33 | 27°31 | 27°33 | 25°53 | 8°41 | 23°35 | 16°29 | 23° 3 | 26°54 | 25°58 | 25°52 | 15°52 | S 28 |
| S 29 | 5 9 31 | 16°47'08 | 21°37 | 27° 7 | 28°46 | 28°11 | 25°53 | 8°37 | 23°32 | 16°30 | 23° 4 | 26°51 | 25°55 | 25°59 | 15°52 | S 29 |
| M30 | 5 13 28 | 17♐48'12 | 4♌21 | 28♐41 | 0♑ 1 | 28♎49 | 25♌54 | 8♉34 | 23♊30 | 16♓30 | 23♑ 6 | 26♏48 | 25♏52 | 26♍ 5 | 15♓53 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s21 | 18n56 | 3s52 | 15s21 | 0n27 | 18s26 | 0n18 | 3s 7 | 1n 7 | 14n12 | 0n49 | 12n33 | 2s36 | 23n33 | 0n 9 | 6s27 | 1s13 | 24s36 | 3s 1 | 19s32 | 19s38 | 1s25 | 1s37 | 4n17 |
| M 2 | 17 37 | 16 24 | 4 34 | 15 57 | 0 20 | 18 47 | 0 15 | 3 22 | 1 6 | 14 10 | 0 49 | 12 32 | 2 36 | 23 33 | 0 9 | 6 27 | 1 13 | 24 36 | 3 1 | 19 32 | 19 37 | 1 28 | 1 37 | 4 17 |
| T 3 | 17 54 | 13 12 | 5 2 | 16 31 | 0 13 | 19 7 | 0 13 | 3 37 | 1 6 | 14 8 | 0 50 | 12 31 | 2 36 | 23 33 | 0 9 | 6 27 | 1 13 | 24 36 | 3 1 | 19 32 | 19 36 | 1 30 | 1 38 | 4 17 |
| W 4 | 18 10 | 9 30 | 5 16 | 17 5 | 0 7 | 19 27 | 0 11 | 3 52 | 1 6 | 14 7 | 0 50 | 12 29 | 2 36 | 23 33 | 0 9 | 6 28 | 1 13 | 24 36 | 3 1 | 19 32 | 19 36 | 1 32 | 1 38 | 4 16 |
| T 5 | 18 25 | 5 28 | 5 15 | 17 38 | 0s 0 | 19 46 | 0 8 | 4 7 | 1 6 | 14 5 | 0 50 | 12 28 | 2 36 | 23 32 | 0 9 | 6 28 | 1 13 | 24 35 | 3 1 | 19 32 | 19 35 | 1 35 | 1 39 | 4 16 |
| F 6 | 18 41 | 1 17 | 5 2 | 18 10 | 0 7 | 20 5 | 0 6 | 4 22 | 1 6 | 14 4 | 0 50 | 12 26 | 2 36 | 23 32 | 0 9 | 6 28 | 1 13 | 24 35 | 3 1 | 19 32 | 19 34 | 1 37 | 1 40 | 4 16 |
| S 7 | 18 56 | 2s58 | 4 35 | 18 41 | 0 14 | 20 23 | 0 3 | 4 37 | 1 6 | 14 3 | 0 51 | 12 25 | 2 36 | 23 32 | 0 9 | 6 28 | 1 13 | 24 35 | 3 1 | 19 32 | 19 33 | 1 39 | 1 40 | 4 15 |
| S 8 | 19 11 | 7 7 | 3 57 | 19 11 | 0 20 | 20 41 | 0 1 | 4 52 | 1 5 | 14 1 | 0 51 | 12 24 | 2 36 | 23 32 | 0 10 | 6 28 | 1 13 | 24 35 | 3 1 | 19 32 | 19 33 | 1 41 | 1 41 | 4 15 |
| M 9 | 19 25 | 11 2 | 3 8 | 19 40 | 0 27 | 20 58 | 0s 1 | 5 7 | 1 5 | 14 0 | 0 51 | 12 22 | 2 36 | 23 32 | 0 10 | 6 28 | 1 13 | 24 35 | 3 1 | 19 32 | 19 32 | 1 44 | 1 41 | 4 15 |
| T 10 | 19 39 | 14 33 | 2 10 | 20 9 | 0 33 | 21 14 | 0 4 | 5 22 | 1 5 | 13 59 | 0 51 | 12 21 | 2 35 | 23 32 | 0 10 | 6 28 | 1 13 | 24 34 | 3 1 | 19 32 | 19 31 | 1 46 | 1 42 | 4 15 |
| W11 | 19 53 | 17 29 | 1 4 | 20 36 | 0 39 | 21 30 | 0 6 | 5 37 | 1 5 | 13 58 | 0 52 | 12 20 | 2 35 | 23 32 | 0 10 | 6 28 | 1 13 | 24 34 | 3 1 | 19 32 | 19 30 | 1 48 | 1 42 | 4 14 |
| T 12 | 20 6 | 19 39 | 0n 5 | 21 2 | 0 46 | 21 45 | 0 9 | 5 51 | 1 5 | 13 57 | 0 52 | 12 19 | 2 35 | 23 32 | 0 10 | 6 28 | 1 13 | 24 34 | 3 1 | 19 32 | 19 30 | 1 51 | 1 42 | 4 14 |
| F 13 | 20 19 | 20 52 | 1 15 | 21 28 | 0 52 | 21 59 | 0 11 | 6 6 | 1 4 | 13 56 | 0 52 | 12 17 | 2 35 | 23 32 | 0 10 | 6 28 | 1 13 | 24 34 | 3 1 | 19 32 | 19 29 | 1 53 | 1 43 | 4 14 |
| S 14 | 20 31 | 20 58 | 2 23 | 21 52 | 0 58 | 22 13 | 0 14 | 6 21 | 1 4 | 13 55 | 0 52 | 12 16 | 2 35 | 23 32 | 0 10 | 6 28 | 1 13 | 24 34 | 3 1 | 19 32 | 19 28 | 1 55 | 1 43 | 4 13 |
| S 15 | 20 43 | 19 55 | 3 24 | 22 15 | 1 4 | 22 26 | 0 16 | 6 36 | 1 4 | 13 54 | 0 53 | 12 15 | 2 35 | 23 32 | 0 10 | 6 29 | 1 13 | 24 33 | 3 1 | 19 32 | 19 28 | 1 57 | 1 43 | 4 13 |
| M16 | 20 55 | 17 43 | 4 15 | 22 38 | 1 9 | 22 39 | 0 18 | 6 50 | 1 4 | 13 53 | 0 53 | 12 14 | 2 34 | 23 32 | 0 10 | 6 29 | 1 13 | 24 33 | 3 1 | 19 31 | 19 27 | 2 0 | 1 44 | 4 13 |
| T 17 | 21 7 | 14 31 | 4 52 | 22 59 | 1 15 | 22 51 | 0 21 | 7 5 | 1 3 | 13 52 | 0 53 | 12 13 | 2 34 | 23 31 | 0 10 | 6 28 | 1 13 | 24 33 | 3 1 | 19 31 | 19 26 | 2 2 | 1 44 | 4 12 |
| W18 | 21 18 | 10 29 | 5 13 | 23 18 | 1 20 | 23 2 | 0 23 | 7 19 | 1 3 | 13 52 | 0 53 | 12 12 | 2 34 | 23 31 | 0 10 | 6 28 | 1 13 | 24 33 | 3 1 | 19 31 | 19 25 | 2 4 | 1 44 | 4 12 |
| T 19 | 21 28 | 5 51 | 5 16 | 23 37 | 1 25 | 23 12 | 0 25 | 7 34 | 1 3 | 13 51 | 0 54 | 12 10 | 2 34 | 23 31 | 0 10 | 6 28 | 1 13 | 24 32 | 3 1 | 19 31 | 19 25 | 2 6 | 1 45 | 4 12 |
| F 20 | 21 38 | 0 51 | 4 59 | 23 55 | 1 30 | 23 22 | 0 28 | 7 48 | 1 3 | 13 50 | 0 54 | 12 9 | 2 34 | 23 31 | 0 10 | 6 28 | 1 13 | 24 32 | 3 1 | 19 31 | 19 24 | 2 9 | 1 45 | 4 12 |
| S 21 | 21 48 | 4n14 | 4 24 | 24 11 | 1 35 | 23 31 | 0 30 | 8 2 | 1 3 | 13 50 | 0 54 | 12 8 | 2 34 | 23 31 | 0 10 | 6 28 | 1 13 | 24 32 | 3 1 | 19 31 | 19 23 | 2 11 | 1 45 | 4 11 |
| S 22 | 21 57 | 9 7 | 3 33 | 24 26 | 1 40 | 23 40 | 0 32 | 8 17 | 1 2 | 13 49 | 0 54 | 12 7 | 2 33 | 23 31 | 0 10 | 6 28 | 1 13 | 24 32 | 3 1 | 19 31 | 19 22 | 2 13 | 1 45 | 4 11 |
| M23 | 22 6 | 13 30 | 2 28 | 24 40 | 1 44 | 23 47 | 0 35 | 8 31 | 1 2 | 13 49 | 0 55 | 12 6 | 2 33 | 23 31 | 0 10 | 6 28 | 1 13 | 24 32 | 3 1 | 19 32 | 19 22 | 2 16 | 1 45 | 4 11 |
| T 24 | 22 15 | 17 5 | 1 15 | 24 52 | 1 48 | 23 54 | 0 37 | 8 45 | 1 2 | 13 49 | 0 55 | 12 5 | 2 33 | 23 31 | 0 10 | 6 28 | 1 13 | 24 31 | 3 1 | 19 32 | 19 21 | 2 18 | 1 45 | 4 10 |
| W25 | 22 23 | 19 36 | 0s 3 | 25 3 | 1 52 | 24 0 | 0 39 | 8 59 | 1 2 | 13 48 | 0 55 | 12 4 | 2 33 | 23 31 | 0 10 | 6 28 | 1 13 | 24 31 | 3 1 | 19 32 | 19 20 | 2 20 | 1 46 | 4 10 |
| T 26 | 22 30 | 20 54 | 1 19 | 25 13 | 1 56 | 24 6 | 0 42 | 9 13 | 1 1 | 13 48 | 0 55 | 12 3 | 2 33 | 23 31 | 0 10 | 6 28 | 1 13 | 24 31 | 3 1 | 19 32 | 19 19 | 2 22 | 1 46 | 4 10 |
| F 27 | 22 37 | 20 55 | 2 29 | 25 21 | 1 59 | 24 10 | 0 44 | 9 27 | 1 1 | 13 48 | 0 56 | 12 2 | 2 32 | 23 30 | 0 10 | 6 28 | 1 13 | 24 31 | 3 1 | 19 31 | 19 19 | 2 25 | 1 46 | 4 9 |
| S 28 | 22 44 | 19 44 | 3 30 | 25 28 | 2 2 | 24 14 | 0 46 | 9 41 | 1 1 | 13 48 | 0 56 | 12 2 | 2 32 | 23 30 | 0 10 | 6 27 | 1 13 | 24 30 | 3 1 | 19 31 | 19 18 | 2 27 | 1 46 | 4 9 |
| S 29 | 22 50 | 17 31 | 4 17 | 25 33 | 2 5 | 24 18 | 0 48 | 9 55 | 1 0 | 13 48 | 0 56 | 12 1 | 2 32 | 23 30 | 0 10 | 6 27 | 1 13 | 24 30 | 3 2 | 19 30 | 19 17 | 2 29 | 1 46 | 4 9 |
| M30 | 22s56 | 14n30 | 4s51 | 25s37 | 2s 7 | 24s20 | 0s50 | 10s 9 | 1n 0 | 13n48 | 0n56 | 12n 0 | 2s32 | 23n30 | 0n10 | 6s27 | 1s12 | 24s30 | 3s 2 | 19s29 | 19s16 | 2s31 | 1s46 | 4n 8 |

Julian Day Number = 2279464.5, Delta T = 227.11 sec
Ecliptic obliquity = 23°29'57, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°09'57, Lahiri = 17°16'58 Julian Calendar 1 Nov. 1528 == Greg. Calendar 11 Nov. 1528



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# ASTRODIENST EPHEMERIS for the year 1528
# geocentric

## DECEMBER 1528 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 5 17 25 | 18♐49'16 | 16♌48 | 0♑15 | 1♑16 | 29♎27 | 25♌54 | 8°R31 | 23°R27 | 16♓31 | 23♑ 8 | 26°R45 | 25♏49 | 26♍12 | 15♓54 | T 1 |
| W 2 | 5 21 21 | 19°50'22 | 28°59 | 1°49 | 2°32 | 0♏ 5 | 25°R54 | 8♉28 | 23♊25 | 16°31 | 23° 9 | 26♏42 | 25°46 | 26°19 | 15°55 | W 2 |
| T 3 | 5 25 18 | 20°51'28 | 10♍59 | 3°23 | 3°47 | 0°43 | 25°54 | 8°25 | 23°22 | 16°32 | 23°11 | 26°41 | 25°43 | 26°25 | 15°56 | T 3 |
| F 4 | 5 29 14 | 21°52'36 | 22°52 | 4°57 | 5° 2 | 1°21 | 25°54 | 8°22 | 23°19 | 16°32 | 23°13 | 26°D40 | 25°39 | 26°32 | 15°57 | F 4 |
| S 5 | 5 33 11 | 22°53'44 | 4♎43 | 6°30 | 6°18 | 1°59 | 25°53 | 8°19 | 23°17 | 16°33 | 23°14 | 26°41 | 25°36 | 26°39 | 15°58 | S 5 |
| S 6 | 5 37 7 | 23°54'52 | 16°37 | 8° 4 | 7°33 | 2°37 | 25°53 | 8°17 | 23°14 | 16°33 | 23°16 | 26°42 | 25°33 | 26°45 | 15°59 | S 6 |
| M 7 | 5 41 4 | 24°56'02 | 28°39 | 9°36 | 8°48 | 3°15 | 25°52 | 8°14 | 23°12 | 16°34 | 23°18 | 26°44 | 25°30 | 26°52 | 16° 0 | M 7 |
| T 8 | 5 45 0 | 25°57'12 | 10♏53 | 11° 9 | 10° 3 | 3°53 | 25°51 | 8°12 | 23° 9 | 16°35 | 23°20 | 26°46 | 25°27 | 26°59 | 16° 1 | T 8 |
| W 9 | 5 48 57 | 26°58'22 | 23°22 | 12°40 | 11°19 | 4°31 | 25°50 | 8° 9 | 23° 7 | 16°35 | 23°21 | 26°R47 | 25°24 | 27° 6 | 16° 2 | W 9 |
| T 10 | 5 52 54 | 27°59'33 | 6♐10 | 14°11 | 12°34 | 5° 9 | 25°48 | 8° 7 | 23° 4 | 16°36 | 23°23 | 26°46 | 25°20 | 27°12 | 16° 4 | T 10 |
| F 11 | 5 56 50 | 29° 0'45 | 19°17 | 15°41 | 13°49 | 5°47 | 25°46 | 8° 5 | 23° 1 | 16°37 | 23°25 | 26°45 | 25°17 | 27°19 | 16° 5 | F 11 |
| S 12 | 6 0 47 | 0♑ 1'56 | 2♑44 | 17° 9 | 15° 4 | 6°25 | 25°45 | 8° 3 | 22°59 | 16°38 | 23°27 | 26°41 | 25°14 | 27°26 | 16° 6 | S 12 |
| S 13 | 6 4 43 | 1° 3'08 | 16°28 | 18°36 | 16°20 | 7° 3 | 25°43 | 8° 1 | 22°56 | 16°38 | 23°29 | 26°36 | 25°11 | 27°32 | 16° 8 | S 13 |
| M14 | 6 8 40 | 2° 4'20 | 0♒26 | 20° 1 | 17°35 | 7°41 | 25°40 | 7°59 | 22°54 | 16°39 | 23°31 | 26°30 | 25° 8 | 27°39 | 16° 9 | M14 |
| T 15 | 6 12 36 | 3° 5'32 | 14°35 | 21°24 | 18°50 | 8°19 | 25°38 | 7°57 | 22°51 | 16°40 | 23°32 | 26°24 | 25° 4 | 27°46 | 16°11 | T 15 |
| W16 | 6 16 33 | 4° 6'44 | 28°49 | 22°44 | 20° 5 | 8°57 | 25°35 | 7°55 | 22°49 | 16°41 | 23°34 | 26°19 | 25° 1 | 27°53 | 16°13 | W16 |
| T 17 | 6 20 30 | 5° 7'55 | 13♓ 4 | 24° 1 | 21°21 | 9°35 | 25°32 | 7°54 | 22°46 | 16°42 | 23°36 | 26°15 | 24°58 | 27°59 | 16°14 | T 17 |
| F 18 | 6 24 26 | 6° 9'06 | 27°17 | 25°14 | 22°36 | 10°13 | 25°30 | 7°52 | 22°44 | 16°43 | 23°38 | 26°13 | 24°55 | 28° 6 | 16°16 | F 18 |
| S 19 | 6 28 23 | 7°10'17 | 11♈25 | 26°23 | 23°51 | 10°50 | 25°26 | 7°51 | 22°41 | 16°44 | 23°40 | 26°D13 | 24°52 | 28°13 | 16°18 | S 19 |
| S 20 | 6 32 19 | 8°11'28 | 25°28 | 27°27 | 25° 6 | 11°28 | 25°23 | 7°50 | 22°39 | 16°45 | 23°42 | 26°14 | 24°49 | 28°19 | 16°20 | S 20 |
| M21 | 6 36 16 | 9°12'38 | 9♉24 | 28°26 | 26°21 | 12° 6 | 25°19 | 7°49 | 22°36 | 16°46 | 23°44 | 26°15 | 24°45 | 28°26 | 16°22 | M21 |
| T 22 | 6 40 12 | 10°13'47 | 23°12 | 29°17 | 27°36 | 12°44 | 25°16 | 7°48 | 22°34 | 16°47 | 23°45 | 26°R16 | 24°42 | 28°33 | 16°23 | T 22 |
| W23 | 6 44 9 | 11°14'56 | 6♊51 | 0♒ 2 | 28°51 | 13°22 | 25°12 | 7°47 | 22°32 | 16°49 | 23°47 | 26°16 | 24°39 | 28°39 | 16°25 | W23 |
| T 24 | 6 48 5 | 12°16'05 | 20°21 | 0°37 | 0♒ 7 | 14° 0 | 25° 8 | 7°46 | 22°29 | 16°50 | 23°49 | 26°13 | 24°36 | 28°46 | 16°27 | T 24 |
| F 25 | 6 52 2 | 13°17'14 | 3♋40 | 1° 4 | 1°22 | 14°37 | 25° 3 | 7°46 | 22°27 | 16°51 | 23°51 | 26° 8 | 24°33 | 28°53 | 16°30 | F 25 |
| S 26 | 6 55 59 | 14°18'22 | 16°46 | 1°20 | 2°37 | 15°15 | 24°59 | 7°45 | 22°24 | 16°52 | 23°53 | 26° 1 | 24°30 | 29° 0 | 16°32 | S 26 |
| S 27 | 6 59 55 | 15°19'29 | 29°38 | 1°R26 | 3°52 | 15°53 | 24°54 | 7°45 | 22°22 | 16°54 | 23°55 | 25°52 | 24°26 | 29° 6 | 16°34 | S 27 |
| M28 | 7 3 52 | 16°20'37 | 12♌15 | 1°20 | 5° 7 | 16°31 | 24°50 | 7°44 | 22°20 | 16°55 | 23°57 | 25°42 | 24°23 | 29°13 | 16°36 | M28 |
| T 29 | 7 7 48 | 17°21'44 | 24°38 | 1° 3 | 6°22 | 17° 9 | 24°45 | 7°44 | 22°18 | 16°56 | 23°59 | 25°33 | 24°20 | 29°20 | 16°38 | T 29 |
| W30 | 7 11 45 | 18°22'50 | 6♍48 | 0°33 | 7°37 | 17°46 | 24°40 | 7°D44 | 22°15 | 16°58 | 24° 1 | 25°24 | 24°17 | 29°26 | 16°41 | W30 |
| T 31 | 7 15 41 | 19♑23'57 | 18♍48 | 29♑53 | 8♒52 | 18♏24 | 24♌35 | 7♉44 | 22♊13 | 16♓59 | 24♑ 3 | 25♏17 | 24♏14 | 29♍33 | 16♓43 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 23s 2 | 10n55 | 5s10 | 25s39 | 2s 9 | 24s22 | 0s52 | 10s22 | 1n 0 | 13n48 | 0n57 | 11n59 | 2s31 | 23n30 | 0n10 | 6s27 | 1s12 | 24s30 | 3s 2 | 19s29 | 19s16 | 2s34 | 1s46 | 4n 8 |
| W 2 | 23 7 | 6 56 | 5 14 | 25 40 | 2 11 | 24 23 | 0 54 | 10 36 | 1 0 | 13 48 | 0 57 | 11 58 | 2 31 | 23 30 | 0 10 | 6 27 | 1 12 | 24 29 | 3 2 | 19 28 | 19 15 | 2 36 | 1 46 | 4 8 |
| T 3 | 23 11 | 2 46 | 5 5 | 25 39 | 2 12 | 24 23 | 0 56 | 10 50 | 0 59 | 13 49 | 0 57 | 11 58 | 2 31 | 23 30 | 0 10 | 6 27 | 1 12 | 24 29 | 3 2 | 19 28 | 19 14 | 2 38 | 1 46 | 4 8 |
| F 4 | 23 15 | 1s29 | 4 43 | 25 37 | 2 13 | 24 22 | 0 58 | 11 3 | 0 59 | 13 49 | 0 57 | 11 57 | 2 31 | 23 30 | 0 10 | 6 26 | 1 12 | 24 29 | 3 2 | 19 28 | 19 13 | 2 40 | 1 46 | 4 7 |
| S 5 | 23 18 | 5 40 | 4 8 | 25 33 | 2 13 | 24 21 | 1 0 | 11 17 | 0 59 | 13 49 | 0 58 | 11 56 | 2 30 | 23 30 | 0 10 | 6 26 | 1 12 | 24 29 | 3 2 | 19 28 | 19 13 | 2 43 | 1 45 | 4 7 |
| S 6 | 23 22 | 9 40 | 3 23 | 25 28 | 2 13 | 24 19 | 1 2 | 11 30 | 0 58 | 13 50 | 0 58 | 11 56 | 2 30 | 23 29 | 0 10 | 6 26 | 1 12 | 24 28 | 3 2 | 19 28 | 19 12 | 2 45 | 1 45 | 4 7 |
| M 7 | 23 24 | 13 20 | 2 28 | 25 21 | 2 13 | 24 16 | 1 4 | 11 43 | 0 58 | 13 51 | 0 58 | 11 55 | 2 30 | 23 29 | 0 10 | 6 25 | 1 12 | 24 28 | 3 2 | 19 29 | 19 11 | 2 47 | 1 45 | 4 6 |
| T 8 | 23 26 | 16 29 | 1 26 | 25 13 | 2 11 | 24 13 | 1 6 | 11 56 | 0 58 | 13 51 | 0 58 | 11 55 | 2 30 | 23 29 | 0 10 | 6 25 | 1 12 | 24 28 | 3 2 | 19 29 | 19 10 | 2 49 | 1 45 | 4 6 |
| W 9 | 23 28 | 18 58 | 0 19 | 25 3 | 2 10 | 24 8 | 1 8 | 12 10 | 0 57 | 13 52 | 0 59 | 11 54 | 2 29 | 23 29 | 0 10 | 6 25 | 1 12 | 24 28 | 3 2 | 19 29 | 19 10 | 2 52 | 1 45 | 4 6 |
| T 10 | 23 29 | 20 33 | 0n51 | 24 51 | 2 7 | 24 3 | 1 9 | 12 23 | 0 57 | 13 53 | 0 59 | 11 54 | 2 29 | 23 29 | 0 10 | 6 25 | 1 12 | 24 27 | 3 2 | 19 29 | 19 9 | 2 54 | 1 44 | 4 5 |
| F 11 | 23 30 | 21 4 | 2 0 | 24 38 | 2 4 | 23 57 | 1 11 | 12 36 | 0 57 | 13 53 | 0 59 | 11 53 | 2 29 | 23 29 | 0 10 | 6 24 | 1 12 | 24 27 | 3 2 | 19 29 | 19 8 | 2 56 | 1 44 | 4 5 |
| S 12 | 23 30 | 20 25 | 3 4 | 24 23 | 2 0 | 23 51 | 1 13 | 12 48 | 0 56 | 13 54 | 1 0 | 11 53 | 2 29 | 23 29 | 0 10 | 6 24 | 1 12 | 24 27 | 3 2 | 19 28 | 19 7 | 2 58 | 1 44 | 4 5 |
| S 13 | 23 30 | 18 32 | 3 58 | 24 7 | 1 56 | 23 44 | 1 14 | 13 1 | 0 56 | 13 55 | 1 0 | 11 53 | 2 28 | 23 29 | 0 10 | 6 24 | 1 12 | 24 26 | 3 2 | 19 27 | 19 6 | 3 1 | 1 44 | 4 5 |
| M14 | 23 29 | 15 33 | 4 39 | 23 50 | 1 51 | 23 36 | 1 16 | 13 14 | 0 56 | 13 56 | 1 0 | 11 52 | 2 28 | 23 28 | 0 10 | 6 23 | 1 12 | 24 26 | 3 2 | 19 25 | 19 6 | 3 3 | 1 43 | 4 4 |
| T 15 | 23 28 | 11 39 | 5 4 | 23 31 | 1 44 | 23 27 | 1 17 | 13 26 | 0 55 | 13 57 | 1 0 | 11 52 | 2 28 | 23 28 | 0 10 | 6 23 | 1 12 | 24 26 | 3 2 | 19 24 | 19 5 | 3 5 | 1 43 | 4 4 |
| W16 | 23 26 | 7 4 | 5 10 | 23 11 | 1 38 | 23 17 | 1 19 | 13 39 | 0 55 | 13 58 | 1 1 | 11 52 | 2 27 | 23 28 | 0 10 | 6 22 | 1 12 | 24 26 | 3 2 | 19 23 | 19 4 | 3 7 | 1 43 | 4 4 |
| T 17 | 23 24 | 2 6 | 4 57 | 22 50 | 1 30 | 23 7 | 1 20 | 13 51 | 0 54 | 14 0 | 1 1 | 11 51 | 2 27 | 23 28 | 0 10 | 6 22 | 1 12 | 24 25 | 3 2 | 19 22 | 19 3 | 3 9 | 1 42 | 4 3 |
| F 18 | 23 21 | 2n59 | 4 26 | 22 28 | 1 21 | 22 56 | 1 21 | 14 4 | 0 54 | 14 1 | 1 1 | 11 51 | 2 27 | 23 28 | 0 10 | 6 22 | 1 12 | 24 25 | 3 2 | 19 21 | 19 3 | 3 12 | 1 42 | 4 3 |
| S 19 | 23 18 | 7 53 | 3 39 | 22 5 | 1 11 | 22 45 | 1 23 | 14 16 | 0 54 | 14 2 | 1 1 | 11 51 | 2 27 | 23 28 | 0 10 | 6 21 | 1 12 | 24 25 | 3 2 | 19 21 | 19 2 | 3 14 | 1 41 | 4 3 |
| S 20 | 23 15 | 12 20 | 2 39 | 21 42 | 1 0 | 22 32 | 1 24 | 14 28 | 0 53 | 14 3 | 1 2 | 11 51 | 2 26 | 23 28 | 0 10 | 6 21 | 1 12 | 24 25 | 3 2 | 19 21 | 19 1 | 3 16 | 1 41 | 4 3 |
| M21 | 23 11 | 16 5 | 1 30 | 21 19 | 0 48 | 22 20 | 1 25 | 14 40 | 0 53 | 14 5 | 1 2 | 11 51 | 2 26 | 23 27 | 0 10 | 6 20 | 1 12 | 24 24 | 3 3 | 19 22 | 19 0 | 3 18 | 1 40 | 4 2 |
| T 22 | 23 6 | 18 53 | 0 17 | 20 55 | 0 35 | 22 6 | 1 26 | 14 52 | 0 52 | 14 6 | 1 2 | 11 51 | 2 26 | 23 27 | 0 10 | 6 20 | 1 12 | 24 24 | 3 3 | 19 22 | 19 0 | 3 21 | 1 40 | 4 2 |
| W23 | 23 1 | 20 34 | 0s57 | 20 32 | 0 21 | 21 52 | 1 27 | 15 4 | 0 52 | 14 8 | 1 2 | 11 51 | 2 25 | 23 27 | 0 10 | 6 19 | 1 12 | 24 24 | 3 3 | 19 22 | 18 59 | 3 23 | 1 39 | 4 2 |
| T 24 | 22 56 | 21 3 | 2 6 | 20 9 | 0 5 | 21 37 | 1 28 | 15 15 | 0 52 | 14 10 | 1 3 | 11 51 | 2 25 | 23 27 | 0 10 | 6 19 | 1 12 | 24 23 | 3 3 | 19 21 | 18 58 | 3 25 | 1 39 | 4 2 |
| F 25 | 22 50 | 20 19 | 3 8 | 19 48 | 0n11 | 21 21 | 1 29 | 15 27 | 0 51 | 14 11 | 1 3 | 11 51 | 2 25 | 23 27 | 0 10 | 6 18 | 1 12 | 24 23 | 3 3 | 19 20 | 18 57 | 3 27 | 1 38 | 4 1 |
| S 26 | 22 44 | 18 30 | 3 58 | 19 27 | 0 28 | 21 5 | 1 30 | 15 39 | 0 51 | 14 13 | 1 3 | 11 51 | 2 25 | 23 27 | 0 10 | 6 18 | 1 12 | 24 23 | 3 3 | 19 18 | 18 56 | 3 29 | 1 38 | 4 1 |
| S 27 | 22 37 | 15 48 | 4 35 | 19 9 | 0 46 | 20 48 | 1 31 | 15 50 | 0 50 | 14 15 | 1 3 | 11 51 | 2 24 | 23 27 | 0 10 | 6 17 | 1 12 | 24 23 | 3 3 | 19 16 | 18 56 | 3 32 | 1 37 | 4 1 |
| M28 | 22 30 | 12 24 | 4 58 | 18 52 | 1 4 | 20 31 | 1 31 | 16 1 | 0 50 | 14 16 | 1 3 | 11 51 | 2 24 | 23 27 | 0 10 | 6 17 | 1 12 | 24 22 | 3 3 | 19 14 | 18 55 | 3 34 | 1 37 | 4 0 |
| T 29 | 22 22 | 8 32 | 5 6 | 18 37 | 1 23 | 20 13 | 1 32 | 16 12 | 0 49 | 14 18 | 1 4 | 11 52 | 2 24 | 23 26 | 0 10 | 6 16 | 1 12 | 24 22 | 3 3 | 19 12 | 18 54 | 3 36 | 1 36 | 4 0 |
| W30 | 22 14 | 4 23 | 5 0 | 18 25 | 1 42 | 19 54 | 1 33 | 16 23 | 0 49 | 14 20 | 1 4 | 11 52 | 2 23 | 23 26 | 0 10 | 6 16 | 1 12 | 24 22 | 3 3 | 19 10 | 18 53 | 3 38 | 1 35 | 4 0 |
| T 31 | 22s 6 | 0n 8 | 4s41 | 18s16 | 2n 1 | 19s35 | 1s33 | 16s34 | 0n48 | 14n22 | 1n 4 | 11n52 | 2s23 | 23n26 | 0n10 | 6s15 | 1s12 | 24s22 | 3s 3 | 19s 8 | 18s53 | 3s40 | 1s35 | 4n 0 |

Julian Day Number = 2279494.5, Delta T = 226.92 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°10'02, Lahiri = 17°17'02 Julian Calendar 1 Dec. 1528 == Greg. Calendar 11 Dec. 1528



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