



Astrodienst Ephemeris Tables for the year 1560

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 EPHEMERIS for the year 1560

geocentric

JANUARY 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|-----|---------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|-------|--------|-----|
| M 1 | 7 17 37 | 19°35'24" | 27°20' | 27°35' | 1°R 2 | 20°48' | 15°10' | 0°R 5 | 19°10' | 26°R16 | 8°H 0 | 23°R 9 | 24°H37 | 0°V52 | 9°H35 | M 1 |
| T 2 | 7 21 33 | 20°53'50" | 9°H24 | 28°47' | 0°343 | 21°31' | 15°21' | 0°II 3 | 19°13' | 26°R15 | 8° 2 | 23°H 6 | 24°34' | 0°58 | 9°42' | T 2 |
| W 3 | 7 25 30 | 21°54'57" | 21°18' | 0°29 | 0°27 | 22°15' | 15°33' | 0° 1 | 19°15' | 26°14' | 8° 3 | 23°D 5 | 24°31' | 1° 5 | 9°48' | W 3 |
| T 4 | 7 29 26 | 22°56'03" | 3°V 6 | 2°12' | 0°14 | 22°59' | 15°44' | 29°B59 | 19°17' | 26°14' | 8° 4 | 23° 5 | 24°28' | 1°12 | 9°54' | T 4 |
| F 5 | 7 33 23 | 23°57'07" | 14°53' | 3°54' | 0° 2 | 23°43' | 15°56' | 29°57' | 19°19' | 26°13' | 8° 5 | 23° 6 | 24°25' | 1°18 | 10° 0 | F 5 |
| S 6 | 7 37 19 | 24°58'12" | 26°45' | 5°37' | 29°H54 | 24°27' | 16° 7 | 29°55' | 19°21' | 26°12' | 8° 6 | 23°R 6 | 24°21' | 1°25 | 10° 6 | S 6 |
| S 7 | 7 41 16 | 25°59'15" | 8°B47 | 7°19' | 29°47' | 25°10' | 16°19' | 29°54' | 19°23' | 26°11' | 8° 8 | 23° 5 | 24°18' | 1°32 | 10°12' | S 7 |
| M 8 | 7 45 12 | 27° 0'17" | 21° 4 | 9° 1 | 29°43' | 25°54' | 16°31' | 29°52' | 19°25' | 26°11' | 8° 9 | 23° 2 | 24°15' | 1°38 | 10°17' | M 8 |
| T 9 | 7 49 9 | 28° 1'18" | 3°II41 | 10°42' | 29°D42 | 26°38' | 16°43' | 29°51' | 19°27' | 26°10' | 8°10 | 22°57' | 24°12' | 1°45 | 10°23' | T 9 |
| W10 | 7 53 6 | 29° 2'18" | 16°41' | 12°23' | 29°43' | 27°22' | 16°55' | 29°49' | 19°29' | 26°10' | 8°11 | 22°49' | 24° 9 | 1°52 | 10°29' | W10 |
| T11 | 7 57 2 | 0°23'17" | 0°25 5 | 14° 3 | 29°47' | 28° 5 | 17° 7 | 29°48' | 19°31' | 26° 9 | 8°13 | 22°41' | 24° 6 | 1°58 | 10°35' | T11 |
| F12 | 8 0 59 | 1° 4'15" | 13°53' | 15°42' | 29°53' | 28°49' | 17°19' | 29°47' | 19°33' | 26° 9 | 8°14 | 22°31' | 24° 2 | 2° 5 | 10°40' | F12 |
| S13 | 8 4 55 | 2° 5'12" | 28° 3 | 17°20' | 0°3 1 | 29°33' | 17°31' | 29°46' | 19°34' | 26° 8 | 8°15 | 22°23' | 23°59' | 2°12 | 10°46' | S13 |
| S14 | 8 8 52 | 3° 6'08" | 12°H28 | 18°55' | 0°11 | 0°V16 | 17°43' | 29°45' | 19°36' | 26° 8 | 8°17 | 22°16' | 23°56' | 2°18 | 10°51' | S14 |
| M15 | 8 12 48 | 4° 7'03" | 27° 2 | 20°28' | 0°24 | 1° 0 | 17°56' | 29°44' | 19°38' | 26° 7 | 8°18 | 22°11' | 23°53' | 2°25 | 10°56' | M15 |
| T16 | 8 16 45 | 5° 7'57" | 11°H40 | 21°59' | 0°38 | 1°43 | 18° 8 | 29°44' | 19°39' | 26° 7 | 8°20 | 22° 8 | 23°50' | 2°31 | 11° 2 | T16 |
| W17 | 8 20 42 | 6° 8'50" | 26°14' | 23°26' | 0°55 | 2°27 | 18°21' | 29°43' | 19°41' | 26° 6 | 8°21 | 22°D 8 | 23°47' | 2°38 | 11° 7 | W17 |
| T18 | 8 24 38 | 7° 9'42" | 10°H40 | 24°48' | 1°14 | 3°10 | 18°33' | 29°43' | 19°42' | 26° 6 | 8°22 | 22° 9 | 23°43' | 2°45 | 11°12' | T18 |
| F19 | 8 28 35 | 8°10'34" | 24°55' | 26° 7 | 1°35 | 3°54 | 18°46' | 29°42' | 19°44' | 26° 6 | 8°24 | 22°10' | 23°40' | 2°51 | 11°17' | F19 |
| S20 | 8 32 31 | 9°11'24" | 8°H58 | 27°20' | 1°58 | 4°37 | 18°59' | 29°42' | 19°45' | 26° 5 | 8°25 | 22°R11 | 23°37' | 2°58 | 11°22' | S20 |
| S21 | 8 36 28 | 10°12'14" | 22°46' | 28°26' | 2°22 | 5°20 | 19°12' | 29°D42 | 19°46' | 26° 5 | 8°27 | 22°10' | 23°34' | 3° 5 | 11°27' | S21 |
| M22 | 8 40 24 | 11°13'03" | 6°H22 | 29°26' | 2°48 | 6° 4 | 19°24' | 29°42' | 19°48' | 26° 5 | 8°28 | 22° 7 | 23°31' | 3°11 | 11°32' | M22 |
| T23 | 8 44 21 | 12°13'51" | 19°44' | 0°H18 | 3°16 | 6°47 | 19°37' | 29°42' | 19°49' | 26° 5 | 8°29 | 22° 3 | 23°27' | 3°18 | 11°37' | T23 |
| W24 | 8 48 17 | 13°14'38" | 2°354 | 1° 2 | 3°46 | 7°30 | 19°50' | 29°42' | 19°50' | 26° 5 | 8°31 | 21°57' | 23°24' | 3°25 | 11°42' | W24 |
| T25 | 8 52 14 | 14°15'24" | 15°50' | 1°37 | 4°17 | 8°14 | 20° 4 | 29°43' | 19°51' | 26° 5 | 8°32 | 21°50' | 23°21' | 3°31 | 11°46' | T25 |
| F26 | 8 56 11 | 15°16'09" | 28°34' | 2° 2 | 4°49 | 8°57 | 20°17' | 29°43' | 19°52' | 26° 5 | 8°34 | 21°43' | 23°18' | 3°38 | 11°51' | F26 |
| S27 | 9 0 7 | 16°16'52" | 11°H6 | 2°16 | 5°23 | 9°40 | 20°30' | 29°44' | 19°53' | 26°D 5 | 8°35 | 21°37' | 23°15' | 3°45 | 11°55' | S27 |
| S28 | 9 4 4 | 17°17'34" | 23°25' | 2°R21 | 5°59 | 10°23 | 20°43' | 29°44' | 19°54' | 26° 5 | 8°37 | 21°32' | 23°12' | 3°51 | 12° 0 | S28 |
| M29 | 9 8 0 | 18°18'14" | 5°H33 | 2°14 | 6°35 | 11° 6 | 20°57' | 29°45' | 19°55' | 26° 5 | 8°38 | 21°29' | 23° 8 | 3°58 | 12° 4 | M29 |
| T30 | 9 11 57 | 19°18'53" | 17°31' | 1°57 | 7°13 | 11°50 | 21°10' | 29°46' | 19°56' | 26° 5 | 8°40 | 21°D28 | 23° 5 | 4° 5 | 12° 8 | T30 |
| W31 | 9 15 53 | 20°19'30" | 29°H23 | 1°H30 | 7°352 | 12°V33 | 21°H23 | 29°B47 | 19°H57 | 26°B 5 | 8°H41 | 21°H28 | 23°H 2 | 4°V11 | 12°H13 | W31 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|-----|-------|-------|------|-------|------|-------|------|------|------|------|------|-------|------|-------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| M 1 | 22s 1 | 14s31 | 2s13 | 22s50 | 2s 5 | 17s34 | 5n56 | 4s 8 | 0s32 | 6s57 | 1s11 | 18n21 | 1s55 | 17s15 | 0n19 | 17n41 |
| T 2 | 21 52 | 9 11 | 1 13 | 22 29 | 2 4 | 17 29 | 6 1 | 3 50 | 0 30 | 6 52 | 1 11 | 18 21 | 1 55 | 17 16 | 0 19 | 17 41 |
| W 3 | 21 43 | 3 36 | 0 10 | 22 5 | 2 2 | 17 24 | 6 6 | 3 32 | 0 29 | 6 48 | 1 11 | 18 21 | 1 54 | 17 16 | 0 19 | 17 41 |
| T 4 | 21 33 | 2n 3 | 0n53 | 21 40 | 2 0 | 17 20 | 6 10 | 3 14 | 0 28 | 6 43 | 1 11 | 18 20 | 1 54 | 17 17 | 0 19 | 17 41 |
| F 5 | 21 22 | 7 38 | 1 54 | 21 14 | 1 57 | 17 16 | 6 14 | 2 55 | 0 27 | 6 39 | 1 10 | 18 20 | 1 54 | 17 18 | 0 19 | 17 41 |
| S 6 | 21 11 | 12 59 | 2 50 | 20 46 | 1 54 | 17 13 | 6 17 | 2 37 | 0 26 | 6 34 | 1 10 | 18 20 | 1 53 | 17 18 | 0 19 | 17 41 |
| S 7 | 21 0 | 17 56 | 3 40 | 20 16 | 1 50 | 17 11 | 6 19 | 2 19 | 0 25 | 6 29 | 1 10 | 18 20 | 1 53 | 17 19 | 0 19 | 17 40 |
| M 8 | 20 49 | 22 15 | 4 20 | 19 45 | 1 46 | 17 9 | 6 20 | 2 0 | 0 24 | 6 25 | 1 10 | 18 20 | 1 53 | 17 19 | 0 19 | 17 40 |
| T 9 | 20 37 | 25 40 | 4 49 | 19 12 | 1 40 | 17 8 | 6 22 | 1 42 | 0 23 | 6 20 | 1 10 | 18 20 | 1 53 | 17 20 | 0 19 | 17 40 |
| W10 | 20 24 | 27 53 | 5 5 | 18 38 | 1 34 | 17 8 | 6 22 | 1 24 | 0 22 | 6 15 | 1 10 | 18 20 | 1 52 | 17 20 | 0 19 | 17 40 |
| T11 | 20 11 | 28 34 | 5 4 | 18 3 | 1 28 | 17 8 | 6 22 | 1 5 | 0 21 | 6 10 | 1 10 | 18 20 | 1 52 | 17 21 | 0 19 | 17 40 |
| F12 | 19 58 | 27 30 | 4 46 | 17 27 | 1 20 | 17 8 | 6 22 | 0 47 | 0 20 | 6 5 | 1 9 | 18 20 | 1 52 | 17 21 | 0 19 | 17 40 |
| S13 | 19 45 | 24 41 | 4 10 | 16 49 | 1 12 | 17 9 | 6 21 | 0 29 | 0 19 | 6 0 | 1 9 | 18 20 | 1 52 | 17 22 | 0 19 | 17 40 |
| S14 | 19 31 | 20 15 | 3 17 | 16 11 | 1 3 | 17 10 | 6 20 | 0 10 | 0 18 | 5 56 | 1 9 | 18 20 | 1 51 | 17 22 | 0 19 | 17 40 |
| M15 | 19 17 | 14 35 | 2 11 | 15 32 | 0 53 | 17 12 | 6 18 | 0n 8 | 0 17 | 5 51 | 1 9 | 18 20 | 1 51 | 17 23 | 0 19 | 17 40 |
| T16 | 19 2 | 8 4 | 0 56 | 14 53 | 0 42 | 17 14 | 6 16 | 0 26 | 0 16 | 5 46 | 1 9 | 18 20 | 1 51 | 17 23 | 0 19 | 17 40 |
| W17 | 18 47 | 1 10 | 0s22 | 14 14 | 0 31 | 17 16 | 6 14 | 0 44 | 0 15 | 5 41 | 1 9 | 18 20 | 1 51 | 17 23 | 0 19 | 17 40 |
| T18 | 18 32 | 5s45 | 1 39 | 13 34 | 0 18 | 17 19 | 6 11 | 1 3 | 0 14 | 5 36 | 1 9 | 18 21 | 1 50 | 17 24 | 0 19 | 17 40 |
| F19 | 18 16 | 12 17 | 2 48 | 12 55 | 0 5 | 17 21 | 6 8 | 1 21 | 0 14 | 5 30 | 1 9 | 18 21 | 1 50 | 17 24 | 0 19 | 17 40 |
| S20 | 18 0 | 18 5 | 3 46 | 12 17 | 0n 9 | 17 24 | 6 5 | 1 39 | 0 13 | 5 25 | 1 9 | 18 21 | 1 50 | 17 24 | 0 19 | 17 40 |
| S21 | 17 44 | 22 52 | 4 30 | 11 41 | 0 24 | 17 27 | 6 1 | 1 57 | 0 12 | 5 20 | 1 8 | 18 21 | 1 49 | 17 25 | 0 19 | 17 40 |
| M22 | 17 27 | 26 19 | 4 58 | 11 5 | 0 39 | 17 31 | 5 58 | 2 15 | 0 11 | 5 15 | 1 8 | 18 21 | 1 49 | 17 25 | 0 19 | 17 40 |
| T23 | 17 10 | 28 15 | 5 10 | 10 32 | 0 55 | 17 34 | 5 54 | 2 33 | 0 10 | 5 10 | 1 8 | 18 22 | 1 49 | 17 25 | 0 19 | 17 40 |
| W24 | 16 53 | 28 32 | 5 4 | 10 2 | 1 11 | 17 38 | 5 49 | 2 51 | 0 9 | 5 5 | 1 8 | 18 22 | 1 49 | 17 26 | 0 19 | 17 40 |
| T25 | 16 36 | 27 15 | 4 44 | 9 34 | 1 27 | 17 41 | 5 45 | 3 9 | 0 8 | 4 59 | 1 8 | 18 22 | 1 48 | 17 26 | 0 19 | 17 40 |
| F26 | 16 18 | 24 33 | 4 9 | 9 10 | 1 44 | 17 45 | 5 40 | 3 27 | 0 7 | 4 54 | 1 8 | 18 23 | 1 48 | 17 26 | 0 19 | 17 40 |
| S27 | 16 0 | 20 44 | 3 22 | 8 49 | 2 1 | 17 48 | 5 36 | 3 45 | 0 6 | 4 49 | 1 8 | 18 23 | 1 48 | 17 27 | 0 19 | 17 40 |
| S28 | 15 41 | 16 4 | 2 27 | 8 32 | 2 17 | 17 51 | 5 31 | 4 3 | 0 5 | 4 43 | 1 8 | 18 24 | 1 48 | 17 27 | 0 19 | 17 40 |
| M29 | 15 23 | 10 50 | 1 26 | 8 20 | 2 32 | 17 55 | 5 26 | 4 20 | 0 4 | 4 38 | 1 8 | 18 24 | 1 47 | 17 27 | 0 19 | 17 40 |
| T30 | 15 4 | 5 16 | 0 22 | 8 12 | 2 47 | 17 58 | 5 20 | 4 38 | 0 4 | 4 33 | 1 8 | 18 25 | 1 47 | 17 27 | 0 19 | 17 40 |
| W31 | 14s45 | 0n25 | 0n43 | 8s 9 | 3n 1 | 18s 1 | 5n15 | 4n56 | 0s 3 | 4s27 | 1s 8 | 18n25 | 1s47 | 17s27 | 0n19 | 17n40 |

Julian Day Number = 2290847.5, Delta T = 158.62 sec

Ecliptic obliquity = 23°29'56", Nutation = 0°00'03", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°36'01", Lahiri = 17°43'02" Julian Calendar 1 Jan. 1560 == Greg. Calendar 11 Jan. 1560

ASTRODIENST EPHEMERIS for the year 1560

FEBRUARY 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|-----------|--------|--------|--------|--------|---------|--------|--------|--------|--------|---------|---------|-------|--------|------|
| T 1 | 9 19 50 | 21°20'05 | 11°10' | 0°R53 | 8°33' | 13°16' | 21°37' | 29°48' | 19°57' | 26°8' | 8°43' | 21°30' | 22°59' | 4°18' | 12°17' | T 1 |
| F 2 | 9 23 46 | 22°20'39 | 22°57' | 0°H 8 | 9°14' | 13°59' | 21°51' | 29°49' | 19°58' | 26°5' | 8°45' | 21°31' | 22°56' | 4°24' | 12°21' | F 2 |
| S 3 | 9 27 43 | 23°21'11 | 4°48' | 29°16' | 9°57' | 14°42' | 22°4' | 29°51' | 19°59' | 26°5' | 8°46' | 21°33' | 22°53' | 4°31' | 12°25' | S 3 |
| S 4 | 9 31 39 | 24°21'41 | 16°49' | 28°17' | 10°40' | 15°25' | 22°18' | 29°52' | 19°59' | 26°6' | 8°48' | 21°34' | 22°49' | 4°38' | 12°28' | S 4 |
| M 5 | 9 35 36 | 25°22'09 | 29°3' | 27°14' | 11°25' | 16°8' | 22°32' | 29°54' | 20°0' | 26°6' | 8°49' | 21°R35 | 22°46' | 4°44' | 12°32' | M 5 |
| T6 | 9 39 33 | 26°22'36 | 11°36' | 26°9' | 12°10' | 16°51' | 22°45' | 29°56' | 20°0' | 26°6' | 8°51' | 21°34' | 22°43' | 4°51' | 12°36' | T6 |
| W 7 | 9 43 29 | 27°23'01 | 24°33' | 25°2' | 12°57' | 17°33' | 22°59' | 29°57' | 20°1' | 26°7' | 8°52' | 21°31' | 22°40' | 4°58' | 12°39' | W 7 |
| T 8 | 9 47 26 | 28°23'23 | 7°55' | 23°56' | 13°44' | 18°16' | 23°13' | 29°59' | 20°1' | 26°7' | 8°54' | 21°29' | 22°37' | 5°4' | 12°43' | T 8 |
| F 9 | 9 51 22 | 29°23'44 | 21°44' | 22°53' | 14°32' | 18°59' | 23°27' | 0°II 1 | 20°1' | 26°8' | 8°56' | 21°25' | 22°33' | 5°11' | 12°46' | F 9 |
| S 10 | 9 55 19 | 0°H24'03 | 5°52' | 21°53' | 15°21' | 19°42' | 23°41' | 0°3' | 20°1' | 26°8' | 8°57' | 21°22' | 22°30' | 5°18' | 12°50' | S 10 |
| S 11 | 9 59 15 | 1°24'20 | 20°36' | 20°58' | 16°11' | 20°24' | 23°55' | 0°6' | 20°2' | 26°9' | 8°59' | 21°20' | 22°27' | 5°24' | 12°53' | S 11 |
| M12 | 10 3 12 | 2°24'35 | 5°29' | 20°8' | 17°1' | 21°7' | 24°9' | 0°8' | 20°2' | 26°9' | 9°0' | 21°18' | 22°24' | 5°31' | 12°56' | M12 |
| T 13 | 10 7 9 | 3°24'48 | 20°30' | 19°24' | 17°52' | 21°50' | 24°23' | 0°11' | 20°2' | 26°10' | 9°2' | 21°D18 | 22°21' | 5°38' | 12°59' | T 13 |
| W14 | 10 11 5 | 4°24'59 | 5°30' | 18°48' | 18°44' | 22°32' | 24°37' | 0°13' | 20°R 2 | 26°10' | 9°4' | 21°18' | 22°18' | 5°44' | 13°2' | W14 |
| T 15 | 10 15 2 | 5°25'09 | 20°21' | 18°18' | 19°37' | 23°15' | 24°51' | 0°16' | 20°2' | 26°11' | 9°5' | 21°19' | 22°14' | 5°51' | 13°5' | T 15 |
| F 16 | 10 18 58 | 6°25'18 | 4°56' | 17°55' | 20°30' | 23°57' | 25°5' | 0°18' | 20°2' | 26°12' | 9°7' | 21°20' | 22°11' | 5°58' | 13°7' | F 16 |
| S 17 | 10 22 55 | 7°25'24 | 19°13' | 17°40' | 21°24' | 24°40' | 25°19' | 0°21' | 20°2' | 26°12' | 9°8' | 21°21' | 22°8' | 6°4' | 13°10' | S 17 |
| S 18 | 10 26 51 | 8°25'30 | 3°H 8 | 17°31' | 22°18' | 25°22' | 25°33' | 0°24' | 20°1' | 26°13' | 9°10' | 21°R22 | 22°5' | 6°11' | 13°13' | S 18 |
| M19 | 10 30 48 | 9°25'34 | 16°42' | 17°D28 | 23°13' | 26°5' | 25°48' | 0°27' | 20°1' | 26°14' | 9°12' | 21°22' | 22°2' | 6°18' | 13°15' | M19 |
| T 20 | 10 34 44 | 10°25'36 | 29°56' | 17°32' | 24°9' | 26°47' | 26°2' | 0°31' | 20°1' | 26°15' | 9°13' | 21°21' | 21°59' | 6°24' | 13°18' | T 20 |
| W21 | 10 38 41 | 11°25'36 | 12°51' | 17°42' | 25°5' | 27°30' | 26°16' | 0°34' | 20°0' | 26°15' | 9°15' | 21°20' | 21°55' | 6°31' | 13°20' | W21 |
| T 22 | 10 42 38 | 12°25'35 | 25°31' | 17°58' | 26°2' | 28°12' | 26°30' | 0°37' | 20°0' | 26°16' | 9°16' | 21°19' | 21°52' | 6°37' | 13°22' | T 22 |
| F 23 | 10 46 34 | 13°25'32 | 7°56' | 18°19' | 26°59' | 28°54' | 26°45' | 0°41' | 20°0' | 26°17' | 9°18' | 21°18' | 21°49' | 6°44' | 13°24' | F 23 |
| S 24 | 10 50 31 | 14°25'27 | 20°10' | 18°46' | 27°57' | 29°36' | 26°59' | 0°44' | 19°59' | 26°18' | 9°20' | 21°17' | 21°46' | 6°51' | 13°26' | S 24 |
| S 25 | 10 54 27 | 15°25'21 | 2°H 15 | 19°17' | 28°55' | 0°R 19 | 27°14' | 0°48' | 19°59' | 26°19' | 9°21' | 21°16' | 21°43' | 6°57' | 13°28' | S 25 |
| M26 | 10 58 24 | 16°25'12 | 14°12' | 19°52' | 29°53' | 1°1' | 27°28' | 0°52' | 19°58' | 26°20' | 9°23' | 21°16' | 21°39' | 7°4' | 13°30' | M26 |
| T 27 | 11 2 20 | 17°25'01 | 26°4' | 20°31' | 0°52' | 1°43' | 27°42' | 0°56' | 19°57' | 26°21' | 9°24' | 21°D16 | 21°36' | 7°11' | 13°31' | T 27 |
| W28 | 11 6 17 | 18°24'49 | 7°Y53 | 21°15' | 1°51' | 2°25' | 27°57' | 1°0' | 19°57' | 26°22' | 9°26' | 21°16' | 21°33' | 7°17' | 13°33' | W28 |
| T 29 | 11 10 13 | 19°H24'34 | 19°Y40 | 22°22' | 2°55' | 3°R 7 | 28°H 11 | 1°II 4 | 19°M56 | 26°R23 | 9°H 27 | 21°H 16 | 21°H 30 | 7°Y24 | 13°R35 | T 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 |
| T 1 | 14s26 | 6n 3 | 1n46 | 8s11 | 3n13 | 18s 4 | 5n10 | 5n13 | 0s 2 | 4s22 | 1 s 7 | 18n26 | 1 s46 | 17s28 | 0n19 | 17n40 | 1s42 | 21s 6 | 13s51 | 3 s23 | 2s48 | 2n38 | 17s53 | 4n28 |
| F 2 | 14 6 | 11 29 | 2 44 | 8 17 | 3 23 | 18 7 | 5 4 | 5 31 | 0 1 | 4 16 | 1 7 | 18 26 | 1 46 | 17 28 | 0 19 | 17 41 | 1 42 | 21 6 | 13 51 | 3 22 | 2 49 | 2 42 | 17 53 | 4 29 |
| S 3 | 13 46 | 16 33 | 3 36 | 8 27 | 3 32 | 18 10 | 4 59 | 5 48 | 0 0 | 4 11 | 1 7 | 18 27 | 1 46 | 17 28 | 0 19 | 17 41 | 1 42 | 21 5 | 13 51 | 3 21 | 2 50 | 2 45 | 17 53 | 4 29 |
| S 4 | 13 26 | 21 2 | 4 19 | 8 41 | 3 39 | 18 12 | 4 53 | 6 6 | 0n 1 | 4 6 | 1 7 | 18 27 | 1 46 | 17 28 | 0 19 | 17 41 | 1 42 | 21 4 | 13 51 | 3 21 | 2 51 | 2 49 | 17 53 | 4 30 |
| M 5 | 13 6 | 24 44 | 4 51 | 8 58 | 3 43 | 18 14 | 4 47 | 6 23 | 0 2 | 4 0 | 1 7 | 18 28 | 1 45 | 17 28 | 0 19 | 17 41 | 1 41 | 21 4 | 13 51 | 3 21 | 2 53 | 2 52 | 17 53 | 4 31 |
| T 6 | 12 45 | 27 21 | 5 10 | 9 18 | 3 45 | 18 16 | 4 41 | 6 40 | 0 2 | 3 55 | 1 7 | 18 28 | 1 45 | 17 28 | 0 19 | 17 41 | 1 41 | 21 3 | 13 51 | 3 21 | 2 54 | 2 56 | 17 53 | 4 31 |
| W 7 | 12 25 | 28 37 | 5 14 | 9 41 | 3 45 | 18 18 | 4 35 | 6 57 | 0 3 | 3 49 | 1 7 | 18 29 | 1 45 | 17 28 | 0 19 | 17 41 | 1 41 | 21 2 | 13 51 | 3 22 | 2 55 | 2 59 | 17 53 | 4 32 |
| T 8 | 12 4 | 28 17 | 5 2 | 10 5 | 3 42 | 18 20 | 4 29 | 7 15 | 0 4 | 3 43 | 1 7 | 18 30 | 1 45 | 17 29 | 0 19 | 17 41 | 1 41 | 21 2 | 13 51 | 3 23 | 2 56 | 3 3 | 17 52 | 4 32 |
| F 9 | 11 43 | 26 13 | 4 32 | 10 30 | 3 38 | 18 21 | 4 23 | 7 32 | 0 5 | 3 38 | 1 7 | 18 30 | 1 44 | 17 29 | 0 19 | 17 42 | 1 41 | 21 1 | 13 51 | 3 25 | 2 58 | 3 6 | 17 52 | 4 33 |
| S 10 | 11 22 | 22 27 | 3 45 | 10 55 | 3 31 | 18 22 | 4 17 | 7 49 | 0 6 | 3 32 | 1 7 | 18 31 | 1 44 | 17 29 | 0 19 | 17 42 | 1 41 | 21 1 | 13 51 | 3 26 | 2 59 | 3 9 | 17 52 | 4 34 |
| S 11 | 11 0 | 17 13 | 2 42 | 11 20 | 3 23 | 18 22 | 4 11 | 8 5 | 0 6 | 3 27 | 1 7 | 18 32 | 1 44 | 17 29 | 0 20 | 17 42 | 1 41 | 21 0 | 13 51 | 3 27 | 3 0 | 3 13 | 17 52 | 4 34 |
| M 12 | 10 39 | 10 52 | 1 26 | 11 45 | 3 13 | 18 22 | 4 5 | 8 22 | 0 7 | 3 21 | 1 7 | 18 33 | 1 44 | 17 29 | 0 20 | 17 42 | 1 41 | 20 59 | 13 51 | 3 27 | 3 1 | 3 16 | 17 52 | 4 35 |
| T 13 | 10 17 | 3 50 | 0 4 | 12 9 | 3 2 | 18 22 | 3 58 | 8 39 | 0 8 | 3 15 | 1 7 | 18 33 | 1 43 | 17 29 | 0 20 | 17 42 | 1 41 | 20 59 | 13 51 | 3 28 | 3 3 | 3 20 | 17 51 | 4 36 |
| W 14 | 9 55 | 3s23 | 1s18 | 12 32 | 3 51 | 18 21 | 3 52 | 8 56 | 0 9 | 3 10 | 1 7 | 18 34 | 1 43 | 17 29 | 0 20 | 17 42 | 1 41 | 20 58 | 13 51 | 3 27 | 3 4 | 3 23 | 17 51 | 4 36 |
| T 15 | 9 33 | 10 21 | 2 34 | 12 53 | 2 38 | 18 20 | 3 46 | 9 12 | 0 10 | 3 4 | 1 7 | 18 35 | 1 43 | 17 29 | 0 20 | 17 43 | 1 41 | 20 57 | 13 51 | 3 27 | 3 5 | 3 27 | 17 51 | 4 37 |
| F 16 | 9 11 | 16 38 | 3 39 | 13 12 | 2 25 | 18 19 | 3 39 | 9 29 | 0 10 | 2 59 | 1 7 | 18 36 | 1 42 | 17 29 | 0 20 | 17 43 | 1 41 | 20 57 | 13 51 | 3 27 | 3 6 | 3 30 | 17 50 | 4 37 |
| S 17 | 8 48 | 21 52 | 4 29 | 13 30 | 2 11 | 18 17 | 3 33 | 9 45 | 0 11 | 2 53 | 1 6 | 18 37 | 1 42 | 17 29 | 0 20 | 17 43 | 1 41 | 20 56 | 13 51 | 3 26 | 3 8 | 3 33 | 17 50 | 4 38 |
| S 18 | 8 26 | 25 46 | 5 1 | 13 46 | 1 57 | 18 15 | 3 27 | 10 1 | 0 12 | 2 47 | 1 6 | 18 38 | 1 42 | 17 29 | 0 20 | 17 43 | 1 41 | 20 56 | 13 51 | 3 26 | 3 9 | 3 37 | 17 50 | 4 39 |
| M 19 | 8 3 | 28 4 | 5 16 | 13 59 | 1 44 | 18 12 | 3 20 | 10 17 | 0 13 | 2 41 | 1 6 | 18 38 | 1 42 | 17 29 | 0 20 | 17 44 | 1 41 | 20 55 | 13 51 | 3 26 | 3 10 | 3 40 | 17 49 | 4 39 |
| T 20 | 7 41 | 28 43 | 5 13 | 14 11 | 1 30 | 18 9 | 3 14 | 10 33 | 0 13 | 2 36 | 1 6 | 18 39 | 1 41 | 17 28 | 0 20 | 17 44 | 1 41 | 20 54 | 13 51 | 3 26 | 3 11 | 3 44 | 17 49 | 4 40 |
| W 21 | 7 18 | 27 46 | 4 55 | 14 21 | 1 16 | 18 5 | 3 8 | 10 49 | 0 14 | 2 30 | 1 6 | 18 40 | 1 41 | 17 28 | 0 20 | 17 44 | 1 40 | 20 54 | 13 51 | 3 27 | 3 13 | 3 47 | 17 49 | 4 41 |
| T 22 | 6 55 | 25 23 | 4 22 | 14 30 | 1 2 | 18 1 | 3 2 | 11 5 | 0 15 | 2 24 | 1 6 | 18 41 | 1 41 | 17 28 | 0 20 | 17 44 | 1 40 | 20 53 | 13 51 | 3 27 | 3 14 | 3 51 | 17 48 | 4 41 |
| F 23 | 6 32 | 21 50 | 3 38 | 14 36 | 0 49 | 17 57 | 2 55 | 11 21 | 0 15 | 2 19 | 1 6 | 18 42 | 1 41 | 17 28 | 0 20 | 17 45 | 1 40 | 20 53 | 13 51 | 3 28 | 3 15 | 3 54 | 17 48 | 4 42 |
| S 24 | 6 9 | 17 23 | 2 44 | 14 40 | 0 36 | 17 52 | 2 49 | 11 37 | 0 16 | 2 13 | 1 6 | 18 43 | 1 40 | 17 28 | 0 20 | 17 45 | 1 40 | 20 52 | 13 51 | 3 28 | 3 16 | 3 57 | 17 48 | 4 43 |
| S 25 | 5 46 | 12 19 | 1 44 | 14 42 | 0 24 | 17 47 | 2 43 | 11 52 | 0 17 | 2 7 | 1 6 | 18 44 | 1 40 | 17 28 | 0 20 | 17 45 | 1 40 | 20 52 | 13 51 | 3 28 | 3 18 | 4 1 | 17 47 | 4 43 |
| M 26 | 5 22 | 6 50 | 0 39 | 14 43 | 0 11 | 17 41 | 2 36 | 12 8 | 0 18 | 2 1 | 1 6 | 18 45 | 1 40 | 17 28 | 0 20 | 17 45 | 1 40 | 20 51 | 13 51 | 3 28 | 3 19 | 4 4 | 17 47 | 4 44 |
| T 27 | 4 59 | 1 9 | 0m27 | 14 42 | 0s 1 | 17 34 | 2 30 | 12 23 | 0 18 | 1 56 | 1 6 | 18 46 | 1 40 | 17 27 | 0 20 | 17 46 | 1 40 | 20 50 | 13 51 | 3 28 | 3 20 | 4 8 | 17 46 | 4 45 |
| W 28 | 4 36 | 4n32 | 1 31 | 14 39 | 0 12 | 17 27 | 2 24 | 12 38 | 0 19 | 1 50 | 1 6 | 18 47 | 1 39 | 17 27 | 0 20 | 17 46 | 1 40 | 20 50 | 13 51 | 3 28 | 3 22 | 4 11 | 17 46 | 4 45 |
| T 29 | 4s12 | 10n 3 | 2n31 | 14s34 | 0s23 | 17s20 | 2n18 | 12n53 | 0n20 | 1s44 | 1 s 6 | 18n48 | 1s39 | 17s27 | 0n20 | 17n46 | 1s40 | 20s49 | 13s51 | 3s28 | 3s23 | 4n14 | 17s45 | 4n46 |

Julian Day Number = 2290878.5, Delta T = 158.44 sec

Ecliptic obliquity = $23^{\circ}29'57''$, Nutation = $0^{\circ}00'03''$, out-of-bounds declination in red

Avanamsha: Fagan/Bradley = 18°36'06. Lahiri = 17°43'06 Julian Calendar 1 Feb. 1560 == Greg. Calendar 11 Feb. 1560

ASTRODIENST EPHEMERIS for the year 1560

geocentric

MARCH 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|------------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------|
| F 1 | 11 14 10 | 20 ^h 42'17" | 18 ^h 29' | 22 ^h 52' | 3 ^h 51' | 3 ^h 49' | 28 ^h 26' | 1 ^h 11' 8" | 19 ^h R55 | 26 ^h 24' | 9 ^h 29' | 21 ^h 16' | 21 ^h 27' | 7 ^h 31' | 13 ^h 36' | F 1 |
| S 2 | 11 18 6 | 21 ^h 23'58" | 13 ^h 22' | 23 ^h 46' | 4 ^h 51' | 4 ^h 31' | 28 ^h 40' | 1 ^h 12' | 19 ^h M54 | 26 ^h 25' | 9 ^h 31' | 21 ^h R16 | 21 ^h 24' | 7 ^h 37' | 13 ^h 37' | S 2 |
| S 3 | 11 22 3 | 22 ^h 23'37" | 25 ^h 24' | 24 ^h 42' | 5 ^h 52' | 5 ^h 13' | 28 ^h 55' | 1 ^h 16' | 19 ^h 53 | 26 ^h 27' | 9 ^h 32' | 21 ^h 16' | 21 ^h 20' | 7 ^h 44' | 13 ^h 38' | S 3 |
| M 4 | 11 26 0 | 23 ^h 23'14" | 7 ^h 11'38" | 25 ^h 42' | 6 ^h 53' | 5 ^h 55' | 29 ^h 9' | 1 ^h 21' | 19 ^h 52 | 26 ^h 28' | 9 ^h 34' | 21 ^h 16' | 21 ^h 17' | 7 ^h 51' | 13 ^h 40' | M 4 |
| T 5 | 11 29 56 | 24 ^h 22'48" | 20 ^h 8' | 26 ^h 44' | 7 ^h 55' | 6 ^h 37' | 29 ^h 24' | 1 ^h 25' | 19 ^h 51 | 26 ^h 29' | 9 ^h 35' | 21 ^h D16 | 21 ^h 14' | 7 ^h 57' | 13 ^h 40' | T 5 |
| W 6 | 11 33 53 | 25 ^h 22'20" | 2 ^h 59' | 27 ^h 48' | 8 ^h 56' | 7 ^h 19' | 29 ^h 38' | 1 ^h 30' | 19 ^h 50 | 26 ^h 30' | 9 ^h 37' | 21 ^h 16' | 21 ^h 11' | 8 ^h 4' | 13 ^h 41' | W 6 |
| T 7 | 11 37 49 | 26 ^h 21'50" | 16 ^h 13' | 28 ^h 55' | 9 ^h 58' | 8 ^h 0' | 29 ^h 53' | 1 ^h 34' | 19 ^h 49 | 26 ^h 32' | 9 ^h 38' | 21 ^h 16' | 21 ^h 8' | 8 ^h 11' | 13 ^h 42' | T 7 |
| F 8 | 11 41 46 | 27 ^h 21'17" | 29 ^h 54' | 0 ^h 4' | 11 ^h 1' | 8 ^h 42' | 0 ^h 7' | 1 ^h 39' | 19 ^h 48 | 26 ^h 33' | 9 ^h 40' | 21 ^h 17' | 21 ^h 5' | 8 ^h 17' | 13 ^h 43' | F 8 |
| S 9 | 11 45 42 | 28 ^h 20'42" | 14 ^h 1' | 1 ^h 15' | 12 ^h 3' | 9 ^h 24' | 0 ^h 22' | 1 ^h 44' | 19 ^h 47 | 26 ^h 34' | 9 ^h 42' | 21 ^h 17' | 21 ^h 1' | 8 ^h 24' | 13 ^h 43' | S 9 |
| S 10 | 11 49 39 | 29 ^h 20'05" | 28 ^h 34' | 2 ^h 29' | 13 ^h 6' | 10 ^h 6' | 0 ^h 36' | 1 ^h 49' | 19 ^h 45 | 26 ^h 36' | 9 ^h 43' | 21 ^h 18' | 20 ^h 58' | 8 ^h 31' | 13 ^h 44' | S 10 |
| M 11 | 11 53 35 | 0 ^h 19'25" | 13 ^h 28' | 3 ^h 44' | 14 ^h 9' | 10 ^h 47' | 0 ^h 51' | 1 ^h 54' | 19 ^h 44 | 26 ^h 37' | 9 ^h 45' | 21 ^h 18' | 20 ^h 55' | 8 ^h 37' | 13 ^h 44' | M 11 |
| T 12 | 11 57 32 | 1 ^h 18'43" | 28 ^h 37' | 5 ^h 2' | 15 ^h 13' | 11 ^h 29' | 1 ^h 5' | 1 ^h 59' | 19 ^h 43 | 26 ^h 38' | 9 ^h 46' | 21 ^h R18 | 20 ^h 52' | 8 ^h 44' | 13 ^h 45' | T 12 |
| W 13 | 12 1 29 | 2 ^h 17'59" | 13 ^h 25' | 6 ^h 21' | 16 ^h 16' | 12 ^h 10' | 1 ^h 20' | 2 ^h 4' | 19 ^h 41 | 26 ^h 40' | 9 ^h 48' | 21 ^h 18' | 20 ^h 49' | 8 ^h 50' | 13 ^h 45' | W 13 |
| T 14 | 12 5 25 | 3 ^h 17'13" | 29 ^h 0' | 7 ^h 42' | 17 ^h 20' | 12 ^h 52' | 1 ^h 34' | 2 ^h 9' | 19 ^h 40 | 26 ^h 41' | 9 ^h 49' | 21 ^h 17' | 20 ^h 45' | 8 ^h 57' | 13 ^h R45 | T 14 |
| F 15 | 12 9 22 | 4 ^h 16'26" | 13 ^h 15' | 9 ^h 4' | 18 ^h 24' | 13 ^h 33' | 1 ^h 49' | 2 ^h 15' | 19 ^h 38 | 26 ^h 43' | 9 ^h 51' | 21 ^h 15' | 20 ^h 42' | 9 ^h 4' | 13 ^h 45' | F 15 |
| S 16 | 12 13 18 | 5 ^h 15'36" | 28 ^h 30' | 10 ^h 29' | 19 ^h 29' | 14 ^h 15' | 2 ^h 3' | 2 ^h 20' | 19 ^h 37 | 26 ^h 44' | 9 ^h 52' | 21 ^h 13' | 20 ^h 39' | 9 ^h 10' | 13 ^h 45' | S 16 |
| S 17 | 12 17 15 | 6 ^h 14'45" | 12 ^h 39' | 11 ^h 55' | 20 ^h 33' | 14 ^h 56' | 2 ^h 18' | 2 ^h 25' | 19 ^h 35 | 26 ^h 46' | 9 ^h 54' | 21 ^h 12' | 20 ^h 36' | 9 ^h 17' | 13 ^h 45' | S 17 |
| M 18 | 12 21 11 | 7 ^h 13'52" | 26 ^h 21' | 13 ^h 22' | 21 ^h 38' | 15 ^h 38' | 2 ^h 32' | 2 ^h 31' | 19 ^h 34 | 26 ^h 48' | 9 ^h 55' | 21 ^h 11' | 20 ^h 33' | 9 ^h 24' | 13 ^h 44' | M 18 |
| T 19 | 12 25 8 | 8 ^h 12'57" | 9 ^h 33' | 14 ^h 52' | 22 ^h 43' | 16 ^h 19' | 2 ^h 47' | 2 ^h 36' | 19 ^h 32 | 26 ^h 49' | 9 ^h 56' | 21 ^h D11 | 20 ^h 30' | 9 ^h 30' | 13 ^h 44' | T 19 |
| W 20 | 12 29 4 | 9 ^h 12'00" | 22 ^h 29' | 16 ^h 22' | 23 ^h 48' | 17 ^h 0' | 3 ^h 1' | 2 ^h 42' | 19 ^h 30 | 26 ^h 51' | 9 ^h 58' | 21 ^h 11' | 20 ^h 26' | 9 ^h 37' | 13 ^h 43' | W 20 |
| T 21 | 12 33 1 | 10 ^h 11'02" | 5 ^h 1' | 17 ^h 55' | 24 ^h 54' | 17 ^h 42' | 3 ^h 16' | 2 ^h 48' | 19 ^h 29 | 26 ^h 52' | 9 ^h 59' | 21 ^h 12' | 20 ^h 23' | 9 ^h 44' | 13 ^h 43' | T 21 |
| F 22 | 12 36 58 | 11 ^h 10'02" | 17 ^h 17' | 19 ^h 29' | 25 ^h 59' | 18 ^h 23' | 3 ^h 30' | 2 ^h 54' | 19 ^h 27 | 26 ^h 54' | 10 ^h 1' | 21 ^h 14' | 20 ^h 20' | 9 ^h 50' | 13 ^h 42' | F 22 |
| S 23 | 12 40 54 | 12 ^h 8'59" | 29 ^h 20' | 21 ^h 4' | 27 ^h 5' | 19 ^h 4' | 3 ^h 44' | 3 ^h 0' | 19 ^h 25 | 26 ^h 56' | 10 ^h 2' | 21 ^h 15' | 20 ^h 17' | 9 ^h 57' | 13 ^h 41' | S 23 |
| S 24 | 12 44 51 | 13 ^h 7'55" | 11 ^h 15' | 22 ^h 41' | 28 ^h 11' | 19 ^h 45' | 3 ^h 59' | 3 ^h 5' | 19 ^h 23 | 26 ^h 57' | 10 ^h 3' | 21 ^h 16' | 20 ^h 14' | 10 ^h 4' | 13 ^h 40' | S 24 |
| M 25 | 12 48 47 | 14 ^h 6'49" | 23 ^h 5' | 24 ^h 20' | 29 ^h 17' | 20 ^h 26' | 4 ^h 13' | 3 ^h 11' | 19 ^h 21 | 26 ^h 59' | 10 ^h 5' | 21 ^h R17 | 20 ^h 10' | 10 ^h 10' | 13 ^h 39' | M 25 |
| T 26 | 12 52 44 | 15 ^h 5'41" | 4 ^h 52' | 26 ^h 0' | 0 ^h 23' | 21 ^h 7' | 4 ^h 28' | 3 ^h 18' | 19 ^h 20 | 27 ^h 1' | 10 ^h 6' | 21 ^h 16' | 20 ^h 7' | 10 ^h 17' | 13 ^h 38' | T 26 |
| W 27 | 12 56 40 | 16 ^h 4'32" | 16 ^h 40' | 27 ^h 42' | 1 ^h 30' | 21 ^h 48' | 4 ^h 42' | 3 ^h 24' | 19 ^h 18 | 27 ^h 3' | 10 ^h 8' | 21 ^h 14' | 20 ^h 4' | 10 ^h 24' | 13 ^h 37' | W 27 |
| T 28 | 13 0 37 | 17 ^h 3'20" | 28 ^h 29' | 29 ^h 25' | 2 ^h 36' | 22 ^h 29' | 4 ^h 56' | 3 ^h 30' | 19 ^h 16 | 27 ^h 5' | 10 ^h 9' | 21 ^h 11' | 20 ^h 1' | 10 ^h 30' | 13 ^h 36' | T 28 |
| F 29 | 13 4 33 | 18 ^h 2'06" | 10 ^h 23' | 1 ^h 9' | 3 ^h 43' | 23 ^h 10' | 5 ^h 11' | 3 ^h 36' | 19 ^h 14 | 27 ^h 6' | 10 ^h 10' | 21 ^h 7' | 19 ^h 58' | 10 ^h 37' | 13 ^h 35' | F 29 |
| S 30 | 13 8 30 | 19 ^h 0'50" | 22 ^h 24' | 2 ^h 56' | 4 ^h 50' | 23 ^h 51' | 5 ^h 25' | 3 ^h 42' | 19 ^h 12 | 27 ^h 8' | 10 ^h 12' | 21 ^h 2' | 19 ^h 55' | 10 ^h 44' | 13 ^h 33' | S 30 |
| S 31 | 13 12 27 | 19 ^h 59'32" | 4 ^h 32' | 4 ^h 44' | 5 ^h 57' | 24 ^h 32' | 5 ^h 39' | 3 ^h 49' | 19 ^h M10 | 27 ^h 10' | 10 ^h 13' | 20 ^h 57' | 19 ^h 51' | 10 ^h 50' | 13 ^h 32' | S 31 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | |
|------|------|-------|------|-------|------|-------|------|-------|------|------|-------|-------|------|-------|------|-------|------|-------|-------|------|------|------|-------|------|-----|------|-----|------|-----|--|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | |
| F 1 | 3s49 | 15n14 | 3n26 | 14s27 | 0s34 | 17s12 | 2n12 | 13n 8 | 0n20 | 1s38 | 1 s 6 | 18n49 | 1s39 | 17s27 | 0n20 | 17n47 | 1s40 | 20s49 | 13s51 | 3s28 | 3s24 | 4n18 | 17s45 | 4n47 | | | | | | |
| S 2 | 3 25 | 19 53 | 4 11 | 14 19 | 0 44 | 17 4 | 2 6 | 13 23 | 0 21 | 1 32 | 1 6 | 18 50 | 1 39 | 17 27 | 0 20 | 17 47 | 1 40 | 20 48 | 13 52 | 3 28 | 3 25 | 4 21 | 17 44 | 4 47 | | | | | | |
| S 3 | 3 2 | 23 47 | 4 46 | 14 9 | 0 53 | 16 55 | 2 0 | 13 38 | 0 22 | 1 27 | 1 6 | 18 52 | 1 38 | 17 26 | 0 20 | 17 47 | 1 40 | 20 48 | 13 52 | 3 28 | 3 27 | 4 25 | 17 44 | 4 48 | | | | | | |
| M 4 | 2 38 | 26 43 | 5 9 | 13 58 | 1 2 | 16 46 | 1 53 | 13 53 | 0 22 | 1 21 | 1 6 | 18 53 | 1 38 | 17 26 | 0 20 | 17 48 | 1 40 | 20 47 | 13 52 | 3 28 | 3 28 | 4 28 | 17 43 | 4 49 | | | | | | |
| T 5 | 2 14 | 28 25 | 5 18 | 13 45 | 1 11 | 16 36 | 1 48 | 14 7 | 0 23 | 1 15 | 1 6 | 18 54 | 1 38 | 17 26 | 0 20 | 17 48 | 1 40 | 20 47 | 13 52 | 3 28 | 3 29 | 4 32 | 17 43 | 4 49 | | | | | | |
| W 6 | 1 51 | 28 39 | 5 11 | 13 31 | 1 19 | 16 26 | 1 42 | 14 21 | 0 24 | 1 9 | 1 6 | 18 55 | 1 38 | 17 25 | 0 20 | 17 48 | 1 40 | 20 46 | 13 52 | 3 28 | 3 30 | 4 35 | 17 42 | 4 50 | | | | | | |
| T 7 | 1 27 | 27 17 | 4 48 | 13 15 | 1 27 | 16 15 | 1 36 | 14 36 | 0 24 | 1 3 | 1 6 | 18 56 | 1 38 | 17 25 | 0 20 | 17 49 | 1 40 | 20 46 | 13 52 | 3 28 | 3 32 | 4 38 | 17 42 | 4 51 | | | | | | |
| F 8 | 1 3 | 24 16 | 4 9 | 12 57 | 1 35 | 16 4 | 1 30 | 14 50 | 0 25 | 0 58 | 1 6 | 18 57 | 1 37 | 17 25 | 0 20 | 17 49 | 1 40 | 20 45 | 13 52 | 3 28 | 3 33 | 4 42 | 17 41 | 4 51 | | | | | | |
| S 9 | 0 40 | 19 44 | 3 13 | 12 38 | 1 41 | 15 53 | 1 24 | 15 4 | 0 25 | 0 52 | 1 6 | 18 58 | 1 37 | 17 25 | 0 20 | 17 49 | 1 40 | 20 45 | 13 52 | 3 28 | 3 34 | 4 45 | 17 40 | 4 52 | | | | | | |
| S 10 | 0 16 | 13 55 | 2 3 | 12 18 | 1 48 | 15 40 | 1 18 | 15 18 | 0 26 | 0 46 | 1 6 | 19 0 | 1 37 | 17 24 | 0 20 | 17 50 | 1 39 | 20 44 | 13 53 | 3 28 | 3 35 | 4 49 | 17 40 | 4 53 | | | | | | |
| M 11 | 0n 8 | 7 11 | 0 43 | 11 56 | 1 54 | 15 28 | 1 13 | 15 31 | 0 27 | 0 40 | 1 6 | 19 1 | 1 37 | 17 24 | 0 20 | 17 50 | 1 39 | 20 44 | 13 53 | 3 27 | 3 37 | 4 52 | 17 39 | 4 53 | | | | | | |
| T 12 | 0 31 | 0s 4 | 0s40 | 11 32 | 1 59 | 15 15 | 1 7 | 15 45 | 0 27 | 0 35 | 1 6 | 19 2 | 1 36 | 17 23 | 0 20 | 17 51 | 1 39 | 20 43 | 13 53 | 3 27 | 3 38 | 4 55 | 17 39 | 4 54 | | | | | | |
| W 13 | 0 55 | 7 21 | 2 2 | 11 8 | 2 4 | 15 1 | 1 1 | 15 58 | 0 28 | 0 29 | 1 6 | 19 3 | 1 36 | 17 23 | 0 20 | 17 51 | 1 39 | 20 43 | 13 53 | 3 28 | 3 39 | 4 59 | 17 38 | 4 55 | | | | | | |
| T 14 | 1 19 | 14 10 | 3 14 | 10 42 | 2 9 | 14 47 | 0 56 | 16 11 | 0 29 | 0 23 | 1 6 | 19 5 | 1 36 | 17 23 | 0 20 | 17 51 | 1 39 | 20 43 | 13 53 | 3 28 | 3 40 | 5 2 | 17 37 | 4 56 | | | | | | |
| F 15 | 1 42 | 20 4 | 4 12 | 10 14 | 2 13 | 14 33 | 0 51 | 16 25 | 0 29 | 0 17 | 1 6 | 19 6 | 1 36 | 17 22 | 0 20 | 17 52 | 1 39 | 20 42 | 13 53 | 3 29 | 3 42 | 5 6 | 17 37 | 4 55 | | | | | | |
| S 16 | 2 6 | 24 37 | 4 52 | 9 45 | 2 16 | 14 18 | 0 45 | 16 38 | 0 30 | 0 11 | 1 6 | 19 7 | 1 36 | 17 22 | 0 20 | 17 52 | 1 39 | 20 42 | 13 53 | 3 29 | 3 43 | 5 9 | 17 36 | 4 57 | | | | | | |
| S 17 | 2 29 | 27 33 | 5 13 | 9 15 | 2 19 | 14 3 | 0 40 | 16 50 | 0 30 | 0 6 | 1 6 | 19 8 | 1 35 | 17 21 | 0 20 | 17 52 | 1 39 | 20 41 | 13 54 | 3 30 | 3 44 | 5 12 | 17 35 | 4 57 | | | | | | |
| M 18 | 2 53 | 28 42 | 5 15 | 8 44 | 2 22 | 13 47 | 0 35 | 17 3 | 0 31 | 0n 0 | 1 6 | 19 10 | 1 35 | 17 21 | 0 20 | 17 53 | 1 39 | 20 41 | 13 54 | 3 30 | 3 45 | 5 16 | 17 35 | 4 58 | | | | | | |
| T 19 | 3 16 | 28 9 | 5 0 | 8 11 | 2 24 | 13 31 | 0 29 | 17 16 | 0 31 | 0 6 | 1 6 | 19 11 | 1 35 | 17 21 | 0 20 | 17 53 | 1 39 | 20 40 | 13 54 | 3 30 | 3 47 | 5 19 | 17 34 | 4 59 | | | | | | |
| W 20 | 3 39 | 26 4 | 4 31 | 7 37 | 2 25 | 13 14 | 0 24 | 17 28 | 0 32 | 0 12 | 1 6 | 19 12 | 1 35 | 17 20 | 0 20 | 17 54 | 1 39 | 20 40 | 13 54 | 3 30 | 3 48 | 5 23 | 17 33 | 4 59 | | | | | | |
| T 21 | 4 3 | 22 45 | 3 49 | 7 2 | 2 27 | 12 57 | 0 19 | 17 40 | 0 33 | 0 17 | 1 6 | 19 13 | 1 35 | 17 20 | 0 20 | 17 54 | 1 39 | 20 40 | 13 54 | 3 30 | 3 49 | 5 26 | 17 32 | 5 0 | | | | | | |
| F 22 | 4 26 | 18 30 | 2 57 | 6 26 | 2 27 | 12 40 | 0 14 | 17 52 | 0 33 | 0 23 | 1 6 | 19 15 | 1 34 | 17 19 | 0 20 | 17 55 | 1 39 | 20 39 | 13 54 | 3 29 | 3 50 | 5 29 | 17 32 | 5 1 | | | | | | |
| S 23 | 4 49 | 13 35 | 1 58 | 5 48 | 2 27 | 12 22 | 0 10 | 18 4 | 0 34 | 0 29 | 1 6 | 19 16 | 1 34 | 17 19 | 0 20 | 17 55 | 1 39 | 20 39 | 13 55 | 3 29 | 3 52 | 5 33 | 17 31 | 5 1 | | | | | | |
| S 24 | 5 12 | 8 13 | 0 55 | 5 9 | 2 27 | 12 4 | 0 5 | 18 16 | 0 34 | 0 34 | 1 6 | 19 17 | 1 34 | 17 18 | 0 20 | 17 55 | 1 39 | 20 39 | 13 55 | 3 28 | 3 53 | 5 36 | 17 30 | 5 2 | | | | | | |
| M 25 | 5 35 | 2 36 | 0n10 | 4 29 | 2 26 | 11 45 | 0 0 | 18 28 | 0 35 | 0 40 | 1 6 | 19 19 | 1 34 | 17 18 | 0 20 | 17 56 | 1 39 | 20 38 | 13 55 | 3 28 | 3 54 | 5 40 | 17 29 | 5 3 | | | | | | |
| T 26 | 5 58 | 3n 4 | 1 14 | 3 48 | 2 25 | 11 26 | 0s 5 | 18 39 | 0 35 | 0 46 | 1 6 | 19 20 | 1 34 | 17 17 | 0 20 | 17 56 | 1 39 | 20 38 | 13 55 | 3 28 | 3 55 | 4 43 | 17 29 | 5 3 | | | | | | |
| W 27 | 6 20 | 8 39 | 2 15 | 3 6 | 2 23 | 11 7 | 0 9 | 18 50 | 0 36 | 0 51 | 1 6 | 19 21 | 1 33 | 17 17 | 0 20 | 17 57 | 1 39 | 20 38 | 13 56 | 3 29 | 3 57 | 5 46 | 17 28 | 5 4 | | | | | | |
| T 28 | 6 43 | 13 56 | 3 11 | 2 23 | 2 20 | 10 47 | 0 13 | 19 1 | 0 36 | 0 57 | 1 6 | 19 23 | 1 33 | 17 16 | 0 20 | 17 57 | 1 39 | 20 37 | 13 56 | 3 30 | 3 58 | 5 50 | 17 27 | 5 4 | | | | | | |
| F 29 | 7 5 | 18 44 | 3 58 | 1 38 | 2 17 | 10 27 | 0 18 | 19 12 | 0 37 | 1 3 | 1 6 | 19 24 | 1 33 | 17 16 | 0 20 | 17 58 | 1 39 | 20 37 | 13 56 | 3 32 | 3 59 | 5 53 | 17 26 | 5 5 | | | | | | |
| S 30 | 7 28 | 22 50 | 4 35 | 0 53 | 2 14 | 10 6 | 0 22 | 19 23 | 0 37 | 1 8 | 1 6 | 19 26 | 1 33 | 17 15 | 0 20 | 17 58 | 1 39 | 20 37 | 13 56 | 3 34 | 4 0 | 5 56 | 17 26 | 5 6 | | | | | | |
| S 31 | 7n50 | 26n 1 | 5n 0 | 0s 6 | 2s10 | 9s46 | 0s26 | 19n34 | 0n38 | 1n14 | 1s 6 | 19n27 | 1s33 | 17s14 | 0n20 | 17n59 | 1s39 | 20s36 | 13s56 | 3s36 | 4s 2 | 6n 0 | 17s25 | 5n 6 | | | | | | |

ASTRODIENST EPHEMERIS for the year 1560

geocentric

APRIL 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|----------|----------|----------|---------|------|
| M 1 | 13 16 23 | 20°58'12 | 16°11'52 | 6°33'33 | 7°41'4 | 25°8'13 | 5°53'53 | 3°11'55 | 19°R 7 | 27°8'12 | 10°H 14 | 20°R52 | 19°H48 | 10°Y57 | 13°R30 | M 1 |
| T 2 | 13 20 20 | 21°56'50 | 29°25'25 | 8°24'8 | 8°11'8 | 25°54'6 | 6°8'8 | 4°2'2 | 19°M 5 | 27°14'10 | 10°15'20 | 20°H49 | 19°45'11 | 11°4'13 | 13°H28 | T 2 |
| W 3 | 13 24 16 | 22°55'25 | 12°51'24 | 10°17'10 | 9°19'19 | 26°35'6 | 6°22'4 | 8°19'3 | 27°16'10 | 10°17'20 | 20°47'19 | 20°47'19 | 19°42'11 | 11°10'13 | 13°26'W | W 3 |
| T 4 | 13 28 13 | 23°53'58 | 25°23'12 | 12°11'10 | 10°26'27 | 27°16'6 | 6°36'4 | 15°19'1 | 27°18'10 | 10°18'20 | 20°D47 | 19°39'11 | 11°17'13 | 11°17'13 | 13°25'T | T 4 |
| F 5 | 13 32 9 | 24°52'29 | 8°54'14 | 14°7'11 | 11°34'27 | 27°56'6 | 6°50'4 | 21°18°59 | 27°20'10 | 10°19'20 | 20°47'19 | 19°36'11 | 11°24'13 | 11°24'13 | 13°23'F | F 5 |
| S 6 | 13 36 6 | 25°50'58 | 22°49'16 | 16°4'12 | 12°42'28 | 28°37'7 | 7°4'4 | 28°18°57 | 27°22'10 | 10°20'20 | 20°49'19 | 19°32'11 | 11°30'13 | 11°30'13 | 13°20'S | S 6 |
| S 7 | 13 40 2 | 26°49'25 | 7°8'8 | 18°3'13 | 13°50'29 | 29°18'7 | 7°18'4 | 35°18°54 | 27°24'10 | 10°22'20 | 20°50'19 | 19°29'11 | 11°37'13 | 11°37'13 | 13°18'S | S 7 |
| M 8 | 13 43 59 | 27°47'49 | 21°49'20 | 20°3'14 | 14°58'29 | 29°58'7 | 7°32'4 | 42°18°52 | 27°26'10 | 10°23'20 | 20°R51 | 19°26'11 | 11°43'13 | 11°43'13 | 13°16'M | M 8 |
| T 9 | 13 47 56 | 28°46'11 | 6°49'22 | 22°5'16 | 6°6'0 | 0°H39 | 7°46'4 | 48°18°50 | 27°28'10 | 10°24'20 | 20°50'19 | 19°23'11 | 11°50'13 | 11°50'13 | 13°14'T | T 9 |
| W10 | 13 51 52 | 29°44'31 | 21°59'24 | 24°9'17 | 17°14'1 | 1°19'8 | 8°0'4 | 55°18°47 | 27°30'10 | 10°25'20 | 20°47'19 | 19°20'11 | 11°57'13 | 11°57'13 | 13°11'W | W10 |
| T 11 | 13 55 49 | 0°8'42'50 | 7°10'10 | 26°13'18 | 18°22'2 | 2°0'8 | 8°14'5 | 2°18°45 | 27°32'10 | 10°26'20 | 20°43'19 | 19°16'12 | 12°3'13 | 12°3'13 | 13°9'T | T 11 |
| F 12 | 13 59 45 | 1°41'07 | 22°13'28 | 19°31'19 | 19°31'19 | 2°40'8 | 8°28'5 | 9°18°43 | 27°34'10 | 10°27'20 | 20°37'19 | 19°13'12 | 12°10'13 | 12°10'13 | 13°6'F | F 12 |
| S 13 | 14 3 42 | 2°39'22 | 6°58'0 | 20°39'3 | 20°39'3 | 3°21'8 | 8°42'5 | 16°18°40 | 27°36'10 | 10°28'20 | 20°31'19 | 19°10'12 | 12°17'13 | 12°17'13 | 13°4'S | S 13 |
| S 14 | 14 7 38 | 3°37'35 | 21°18'2 | 23°4'21 | 21°48'1 | 4°1'8 | 8°56'5 | 23°18°38 | 27°38'10 | 10°29'20 | 20°25'19 | 19°7'12 | 12°23'13 | 12°23'13 | 13°1'S | S 14 |
| M15 | 14 11 35 | 4°35'47 | 5°9'4 | 4°43'22 | 22°56'4 | 4°42'9 | 9°10'5 | 30°18°36 | 27°40'10 | 10°30'20 | 20°20'19 | 19°4'12 | 12°30'13 | 12°30'13 | 13°15'M | M15 |
| T 16 | 14 15 31 | 5°33'58 | 18°32'6 | 52°24'5 | 5°22'9 | 9°23'5 | 5°37'9 | 33°18°33 | 27°42'10 | 10°31'20 | 20°16'19 | 19°1'12 | 12°37'13 | 12°37'13 | 13°16'T | T 16 |
| W17 | 14 19 28 | 6°32'07 | 1°27'9 | 2°25'14 | 6°2'9 | 9°37'5 | 5°45'9 | 31°18°31 | 27°44'10 | 10°32'20 | 20°D15 | 18°57'12 | 12°43'13 | 12°43'13 | 13°17'W | W17 |
| T 18 | 14 23 25 | 7°30'14 | 14°0'11 | 12°26'23 | 6°42'9 | 9°51'5 | 5°52'9 | 28°18°28 | 27°46'10 | 10°33'20 | 20°15'18 | 18°54'12 | 12°50'13 | 12°50'13 | 13°18'T | T 18 |
| F 19 | 14 27 21 | 8°28'20 | 13°21'13 | 21°27'7 | 7°23'10 | 4°5'5 | 5°59'18 | 26°18°26 | 27°48'10 | 10°34'20 | 20°16'18 | 18°51'12 | 12°57'13 | 12°57'13 | 13°19'F | F 19 |
| S 20 | 14 31 18 | 9°26'25 | 8°13'15 | 31°28'4 | 8°3'10 | 18°10'6 | 6°6'18 | 23°18°23 | 27°51'10 | 10°35'20 | 20°17'18 | 18°48'13 | 12°43'13 | 12°43'13 | 13°20'S | S 20 |
| S 21 | 14 35 14 | 10°24'28 | 20°4'17 | 39°29'50 | 8°43'10 | 32°10'6 | 6°14'18 | 21°18°21 | 27°53'10 | 10°36'20 | 20°R18 | 18°45'13 | 13°10'12 | 13°10'12 | 13°21'S | S 21 |
| M22 | 14 39 11 | 11°22'29 | 1°51'19 | 46°1°0 | 9°23'10 | 45°10'6 | 6°21'18 | 18°18°18 | 27°55'10 | 10°37'20 | 20°17'18 | 18°42'13 | 13°17'12 | 13°17'12 | 13°22'M | M22 |
| T 23 | 14 43 7 | 12°20'29 | 13°37'21 | 53°2°9 | 10°3'10 | 3°10°58 | 6°28'18 | 16°18°16 | 27°57'10 | 10°38'20 | 20°14'18 | 18°38'13 | 13°23'13 | 13°23'13 | 13°23'T | T 23 |
| W24 | 14 47 4 | 13°18'28 | 25°27'23 | 57°3'18 | 10°43'11 | 12°6'18 | 6°36'18 | 13°18°13 | 27°59'10 | 10°39'20 | 20°9'18 | 18°35'13 | 13°30'13 | 13°30'13 | 13°24'W | W24 |
| T 25 | 14 51 0 | 14°16'25 | 7°22'26 | 0°4'28 | 11°23'11 | 23°11'12 | 6°43'18 | 11°18°11 | 28°1'10 | 10°40'20 | 20°2'18 | 18°32'13 | 13°37'13 | 13°37'13 | 13°25'T | T 25 |
| F 26 | 14 54 57 | 15°14'21 | 19°25'28 | 0°5'38 | 12°3'11 | 38°12°3 | 6°51'18 | 8°28°4 | 10°41'19 | 10°41'19 | 19°52'18 | 18°29'13 | 13°43'12 | 13°43'12 | 13°26'F | F 26 |
| S 27 | 14 58 54 | 16°12'15 | 1°36'29 | 58°29°58 | 6°47'12 | 43°12°43 | 11°52'6 | 58°18°6 | 28°6'10 | 10°41'19 | 19°42'18 | 18°26'13 | 13°50'12 | 13°50'12 | 13°27'S | S 27 |
| S 28 | 15 2 50 | 17°10'08 | 13°57'1 | 54°7°57 | 13°23'12 | 5°12°5 | 7°6'18 | 3°18°3 | 28°8'10 | 10°42'19 | 19°31'18 | 18°22'13 | 13°57'12 | 13°57'12 | 13°16'S | S 28 |
| M29 | 15 6 47 | 18°7'59 | 26°29'3 | 47°9°7 | 14°3'12 | 18°14°3 | 7°13'17 | 1°18°1 | 28°10'10 | 10°43'19 | 19°22'18 | 18°19'14 | 14°3'12 | 14°3'12 | 13°29'M | M29 |
| T 30 | 15 10 43 | 19°5'48 | 9°23'5 | 37°5°16 | 14°43'12 | 31°12°31 | 7°11'17 | 1°17°18 | 28°13'10 | 10°44'19 | 19°14'18 | 18°16'14 | 14°10'12 | 14°10'12 | 13°9'T | T 30 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | |
|------|-------|-------|------|-------|------|------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|------|------|-------|------|-----|------|-----|------|-----|--|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | |
| M 1 | 8n12 | 28n 1 | 5n12 | 0n41 | 2s 5 | 9s24 | 0s30 | 19n44 | 0n38 | 1n20 | 1s 7 | 19n28 | 1s32 | 17s14 | 0n20 | 17n59 | 1s38 | 20s36 | 13s57 | 3s38 | 4s 3 | 6n 3 | 17s24 | 5n 7 | | | | | | |
| T 2 | 8 34 | 28 39 | 5 9 | 1 30 | 2 0 | 9 3 | 0 34 | 19 54 | 0 39 | 1 25 | 1 7 | 19 30 | 1 32 | 17 13 | 0 20 | 17 59 | 1 38 | 20 36 | 13 57 | 3 39 | 4 4 | 6 7 | 17 23 | 5 8 | | | | | | |
| W 3 | 8 56 | 27 46 | 4 51 | 2 19 | 1 55 | 8 41 | 0 38 | 20 5 | 0 39 | 1 31 | 1 7 | 19 31 | 1 32 | 17 13 | 0 20 | 18 0 | 1 38 | 20 36 | 13 57 | 3 40 | 4 5 | 6 10 | 17 22 | 5 8 | | | | | | |
| T 4 | 9 18 | 25 20 | 4 18 | 3 9 | 1 49 | 8 19 | 0 42 | 20 15 | 0 40 | 1 36 | 1 7 | 19 32 | 1 32 | 17 12 | 0 20 | 18 0 | 1 38 | 20 35 | 13 57 | 3 40 | 4 7 | 6 13 | 17 22 | 5 9 | | | | | | |
| F 5 | 9 39 | 21 26 | 3 29 | 4 0 | 1 42 | 7 57 | 0 46 | 20 24 | 0 40 | 1 42 | 1 7 | 19 34 | 1 32 | 17 11 | 0 20 | 18 1 | 1 38 | 20 35 | 13 58 | 3 40 | 4 8 | 6 17 | 17 21 | 5 9 | | | | | | |
| S 6 | 10 1 | 16 16 | 2 27 | 4 52 | 1 36 | 7 34 | 0 50 | 20 34 | 0 41 | 1 47 | 1 7 | 19 35 | 1 32 | 17 11 | 0 20 | 18 1 | 1 38 | 20 35 | 13 58 | 3 39 | 4 9 | 6 20 | 17 20 | 5 10 | | | | | | |
| S 7 | 10 22 | 10 4 | 1 14 | 5 44 | 1 28 | 7 12 | 0 53 | 20 43 | 0 41 | 1 53 | 1 7 | 19 37 | 1 31 | 17 10 | 0 20 | 18 2 | 1 38 | 20 35 | 13 58 | 3 38 | 4 10 | 6 23 | 17 19 | 5 10 | | | | | | |
| M 8 | 10 43 | 3 10 | 0s 5 | 6 37 | 1 20 | 6 49 | 0 57 | 20 52 | 0 42 | 1 58 | 1 7 | 19 38 | 1 31 | 17 10 | 0 20 | 18 2 | 1 38 | 20 34 | 13 58 | 3 38 | 4 12 | 6 27 | 17 18 | 5 11 | | | | | | |
| T 9 | 11 4 | 4s 2 | 1 26 | 7 31 | 1 12 | 6 25 | 1 0 | 21 1 | 0 42 | 2 4 | 1 7 | 19 39 | 1 31 | 17 9 | 0 20 | 18 3 | 1 38 | 20 34 | 13 59 | 3 39 | 4 13 | 6 30 | 17 17 | 5 12 | | | | | | |
| W10 | 11 25 | 11 5 | 2 41 | 8 25 | 1 3 | 6 2 | 1 3 | 21 10 | 0 43 | 2 9 | 1 7 | 19 41 | 1 31 | 17 8 | 0 20 | 18 3 | 1 38 | 20 34 | 13 59 | 3 40 | 4 14 | 6 34 | 17 16 | 5 12 | | | | | | |
| T 11 | 11 45 | 17 29 | 3 45 | 9 19 | 0 54 | 5 38 | 1 6 | 21 19 | 0 43 | 2 15 | 1 7 | 19 42 | 1 31 | 17 8 | 0 20 | 18 4 | 1 38 | 20 34 | 13 59 | 3 41 | 4 15 | 6 37 | 17 16 | 5 13 | | | | | | |
| F 12 | 12 5 | 22 45 | 4 33 | 10 13 | 0 44 | 5 14 | 1 10 | 21 27 | 0 44 | 2 20 | 1 7 | 19 44 | 1 31 | 17 7 | 0 20 | 18 4 | 1 38 | 20 34 | 14 0 | 3 44 | 4 17 | 6 40 | 17 15 | 5 13 | | | | | | |
| S 13 | 12 25 | 26 28 | 5 1 | 11 7 | 0 35 | 4 49 | 1 13 | 21 36 | 0 44 | 2 26 | 1 7 | 19 45 | 1 31 | 17 6 | 0 20 | 18 5 | 1 38 | 20 33 | 14 0 | 3 46 | 4 18 | 6 44 | 17 14 | 5 14 | | | | | | |
| S 14 | 12 45 | 28 22 | 5 10 | 12 1 | 0 24 | 4 25 | 1 15 | 21 44 | 0 44 | 2 31 | 1 7 | 19 46 | 1 30 | 17 6 | 0 20 | 18 5 | 1 38 | 20 33 | 14 0 | 3 49 | 4 19 | 6 47 | 17 13 | 5 14 | | | | | | |
| M15 | 13 5 | 28 23 | 4 59 | 12 54 | 0 14 | 4 0 | 1 18 | 21 52 | 0 45 | 2 36 | 1 7 | 19 48 | 1 30 | 17 5 | 0 20 | 18 6 | 1 38 | 20 33 | 14 0 | 3 51 | 4 20 | 6 50 | 17 12 | 5 15 | | | | | | |
| T 16 | 13 25 | 26 43 | 4 33 | 13 47 | 0 4 | 3 36 | 1 21 | 22 0 | 0 45 | 2 42 | 1 8 | 19 49 | 1 30 | 17 4 | 0 20 | 18 6 | 1 38 | 20 33 | 14 1 | 3 52 | 4 22 | 6 54 | 17 11 | 5 16 | | | | | | |
| W17 | 13 44 | 23 41 | 3 53 | 14 39 | 0n 7 | 3 11 | 1 24 | 22 7 | 0 46 | 2 47 | 1 8 | 19 51 | 1 30 | 17 4 | 0 20 | 18 7 | 1 38 | 20 33 | 14 1 | 3 52 | 4 23 | 6 57 | 17 10 | 5 16 | | | | | | |
| T 18 | 14 3 | 19 36 | 3 4 | 15 30 | 0 18 | 2 45 | 1 26 | 22 14 | 0 46 | 2 52 | 1 8 | 19 52 | 1 30 | 17 3 | 0 20 | 18 7 | 1 38 | 20 33 | 14 1 | 3 52 | 4 24 | 7 0 | 17 9 | 5 17 | | | | | | |
| F 19 | 14 22 | 14 48 | 2 6 | 16 20 | 0 28 | 2 20 | 1 28 | 22 22 | 0 47 | 2 58 | 1 8 | 19 53 | 1 30 | 17 2 | 0 20 | 18 8 | 1 38 | 20 33 | 14 2 | 3 52 | 4 25 | 7 4 | 17 9 | 5 17 | | | | | | |
| S 20 | 14 40 | 9 31 | 1 5 | 17 9 | 0 39 | 1 55 | 1 31 | 22 29 | 0 47 | 3 3 | 1 8 | 19 55 | 1 30 | 17 2 | 0 20 | 18 8 | 1 38 | 20 33 | 14 2 | 3 51 | 4 27 | 7 7 | 17 8 | 5 18 | | | | | | |
| S 21 | 14 59 | 3 58 | 0 1 | 17 55 | 0 49 | 1 29 | 1 33 | 22 35 | 0 47 | 3 8 | 1 8 | 19 56 | 1 29 | 17 1 | 0 20 | 18 9 | 1 38 | 20 33 | 14 2 | 3 51 | 4 28 | 7 10 | 17 7 | 5 18 | | | | | | |
| M22 | 15 17 | 1n41 | 1n 2 | 18 40 | 0 59 | 1 3 | 1 35 | 22 42 | 0 48 | 3 13 | 1 8 | 19 57 | 1 29 | 17 0 | 0 20 | 18 9 | 1 38 | 20 32 | 14 3 | 3 52 | 4 29 | 7 14 | 17 6 | 5 19 | | | | | | |
| T 23 | 15 35 | 7 16 | 2 2 | 19 23 | 1 9 | 0 38 | 1 37 | 22 48 | 0 48 | 3 19 | 1 8 | 19 59 | 1 29 | 17 0 | 0 20 | 18 10 | 1 38 | 20 32 | 14 3 | 3 53 | 4 30 | 7 17 | 17 5 | 5 19 | | | | | | |
| W24 | 15 52 | 12 37 | 2 57 | 20 4 | 1 18 | 0 12 | 1 39 | 22 55 | 0 49 | 3 24 | 1 8 | 20 0 | 1 29 | 16 59 | 0 20 | 18 10 | 1 38 | 20 32 | 14 3 | 3 55 | 4 32 | 7 20 | 17 4 | 5 20 | | | | | | |
| T 25 | 16 10 | 17 33 | 3 45 | 20 43 | 1 27 | 0n14 | 1 41 | 23 1 | 0 49 | 3 29 | 1 8 | 20 2 | 1 29 | 16 58 | 0 20 | 18 11 | 1 38 | 20 32 | 14 4 | 3 58 | 4 33 | 7 24 | 17 3 | 5 20 | | | | | | |
| F 26 | 16 27 | 21 51 | 4 23 | 21 19 | 1 35 | 0 40 | 1 42 | 23 6 | 0 49 | 3 34 | 1 8 | 20 3 | 1 29 | 16 58 | 0 20 | 18 11 | 1 38 | 20 32 | 14 4 | 4 1 | 4 34 | 7 27 | 17 2 | 5 20 | | | | | | |
| S 27 | 16 44 | 25 15 | 4 50 | 21 52 | 1 43 | 1 6 | 1 44 | 23 12 | 0 50 | 3 39 | 1 8 | 20 4 | 1 29 | 16 57 | 0 20 | 18 12 | 1 38 | 20 32 | 14 4 | 4 5 | 4 35 | 7 30 | 17 1 | 5 21 | | | | | | |
| S 28 | 17 0 | 27 33 | 5 3 | 22 23 | 1 50 | 1 33 | 1 46 | 23 17 | 0 50 | 3 44 | 1 9 | 20 6 | 1 28 | 16 56 | 0 20 | 18 12 | 1 38 | 20 32 | 14 5 | 4 9 | 4 37 | 7 34 | 17 1 | 5 21 | | | | | | |
| M29 | 17 16 | 28 29 | 5 2 | 22 52 | 1 56 | 1 59 | 1 47 | 23 23 | 0 50 | 3 49 | 1 9 | 20 7 | 1 28 | 16 56 | 0 20 | 18 13 | 1 38 | 20 32 | 14 5 | 4 13 | 4 38 | 7 37 | 17 0 | 5 22 | | | | | | |
| T 30 | 17n32 | 27n56 | 4n46 | 23n18 | 2n 2 | 2n25 | 1s48 | 23n28 | 0n51 | 3n54 | 1s 9 | 20n 8 | 1s28 | 16s55 | 0n20 | 18n13 | 1s38 | 20s32 | 14s 5 | 4s16 | 4s39 | 7n40 | 16s59 | 5n22 | | | | | | |

ASTRODIENST EPHEMERIS for the year 1560
geocentric

MAY 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|--------|------|
| W 1 | 15 14 40 | 20♂ 3'36 | 22♂ 9 | 7♂24 | 11♂26 | 15♂23 | 12♂44 | 7♂29 | 17♂R56 | 28♂15 | 10♂45 | 19♂R 8 | 18♂13 | 14♂17 | 12♂R 5 | W 1 |
| T 2 | 15 18 36 | 21° 1'22 | 5♂21 | 9° 9 | 12°36 | 16° 3 | 12°57 | 7°36 | 17♂53 | 28°17 | 10°45 | 19♂ 5 | 18°10 | 14°23 | 12♂ 1 | T 2 |
| F 3 | 15 22 33 | 21°59'07 | 18°49 | 10°50 | 13°46 | 16°43 | 13° 9 | 7°44 | 17°51 | 28°19 | 10°46 | 19°D 4 | 18° 7 | 14°30 | 11°57 | F 3 |
| S 4 | 15 26 29 | 22°56'49 | 2♂36 | 12°28 | 14°56 | 17°23 | 13°22 | 7°51 | 17°48 | 28°21 | 10°47 | 19° 4 | 18° 3 | 14°37 | 11°53 | S 4 |
| S 5 | 15 30 26 | 23°54'30 | 16°41 | 14° 2 | 16° 6 | 18° 2 | 13°35 | 7°59 | 17°46 | 28°24 | 10°47 | 19°R 5 | 18° 0 | 14°43 | 11°50 | S 5 |
| M 6 | 15 34 23 | 24°52'09 | 1♂ 6 | 15°34 | 17°17 | 18°42 | 13°47 | 8° 7 | 17°43 | 28°26 | 10°48 | 19° 4 | 17°57 | 14°50 | 11°46 | M 6 |
| T 7 | 15 38 19 | 25°49'47 | 15°47 | 17° 2 | 18°27 | 19°22 | 14° 0 | 8°15 | 17°41 | 28°28 | 10°48 | 19° 2 | 17°54 | 14°57 | 11°42 | T 7 |
| W 8 | 15 42 16 | 26°47'23 | 0♂39 | 18°27 | 19°37 | 20° 1 | 14°12 | 8°22 | 17°38 | 28°30 | 10°49 | 18°57 | 17°51 | 15° 3 | 11°38 | W 8 |
| T 9 | 15 46 12 | 27°44'58 | 15°37 | 19°48 | 20°47 | 20°41 | 14°25 | 8°30 | 17°36 | 28°33 | 10°50 | 18°49 | 17°48 | 15°10 | 11°34 | T 9 |
| F 10 | 15 50 9 | 28°42'32 | 0♂30 | 21° 6 | 21°58 | 21°21 | 14°37 | 8°38 | 17°33 | 28°35 | 10°50 | 18°40 | 17°44 | 15°17 | 11°30 | F 10 |
| S 11 | 15 54 5 | 29°40'05 | 15°10 | 22°20 | 23° 8 | 22° 0 | 14°49 | 8°46 | 17°31 | 28°37 | 10°51 | 18°30 | 17°41 | 15°23 | 11°25 | S 11 |
| S 12 | 15 58 2 | 0♂37'36 | 29°29 | 23°31 | 24°19 | 22°40 | 15° 2 | 8°53 | 17°29 | 28°39 | 10°51 | 18°19 | 17°38 | 15°30 | 11°21 | S 12 |
| M13 | 16 1 58 | 1°35'07 | 13♂23 | 24°38 | 25°29 | 23°19 | 15°14 | 9° 1 | 17°26 | 28°42 | 10°51 | 18°10 | 17°35 | 15°37 | 11°17 | M13 |
| T 14 | 16 5 55 | 2°32'37 | 26°49 | 25°42 | 26°40 | 23°59 | 15°26 | 9° 9 | 17°24 | 28°44 | 10°52 | 18° 4 | 17°32 | 15°43 | 11°13 | T 14 |
| W15 | 16 9 52 | 3°30'05 | 9♂48 | 26°42 | 27°50 | 24°38 | 15°38 | 9°17 | 17°21 | 28°46 | 10°52 | 17°59 | 17°28 | 15°50 | 11° 9 | W15 |
| T 16 | 16 13 48 | 4°27'33 | 22°23 | 27°38 | 29° 1 | 25°18 | 15°50 | 9°25 | 17°19 | 28°48 | 10°53 | 17°57 | 17°25 | 15°57 | 11° 5 | T 16 |
| F 17 | 16 17 45 | 5°25'00 | 4♂38 | 28°30 | 0♂12 | 25°57 | 16° 1 | 9°32 | 17°17 | 28°51 | 10°53 | 17°D57 | 17°22 | 16° 3 | 11° 0 | F 17 |
| S 18 | 16 21 41 | 6°22'27 | 16°38 | 29°18 | 1°23 | 26°36 | 16°13 | 9°40 | 17°14 | 28°53 | 10°53 | 17°R57 | 17°19 | 16°10 | 10°56 | S 18 |
| S 19 | 16 25 38 | 7°19'53 | 28°30 | 0♂ 2 | 2°33 | 27°16 | 16°25 | 9°48 | 17°12 | 28°55 | 10°54 | 17°56 | 17°16 | 16°17 | 10°52 | S 19 |
| M20 | 16 29 34 | 8°17'17 | 10♂17 | 0°42 | 3°44 | 27°55 | 16°36 | 9°56 | 17°10 | 28°57 | 10°54 | 17°55 | 17°13 | 16°23 | 10°48 | M20 |
| T 21 | 16 33 31 | 9°14'42 | 22° 6 | 1°18 | 4°55 | 28°34 | 16°48 | 10° 4 | 17° 7 | 29° 0 | 10°54 | 17°51 | 17° 9 | 16°30 | 10°44 | T 21 |
| W22 | 16 37 27 | 10°12'05 | 4♂ 0 | 1°50 | 6° 6 | 29°14 | 16°59 | 10°12 | 17° 5 | 29° 2 | 10°55 | 17°44 | 17° 6 | 16°37 | 10°39 | W22 |
| T 23 | 16 41 24 | 11° 9'28 | 16° 2 | 2°17 | 7°17 | 29°53 | 17°10 | 10°19 | 17° 3 | 29° 4 | 10°55 | 17°34 | 17° 3 | 16°43 | 10°35 | T 23 |
| F 24 | 16 45 21 | 12° 6'51 | 28°14 | 2°40 | 8°28 | 0♂32 | 17°21 | 10°27 | 17° 1 | 29° 6 | 10°55 | 17°23 | 17° 0 | 16°50 | 10°31 | F 24 |
| S 25 | 16 49 17 | 13° 4'12 | 10♂39 | 2°58 | 9°39 | 1°11 | 17°33 | 10°35 | 16°59 | 29° 8 | 10°55 | 17°10 | 16°57 | 16°57 | 10°27 | S 25 |
| S 26 | 16 53 14 | 14° 1'33 | 23°17 | 3°11 | 10°50 | 1°51 | 17°43 | 10°43 | 16°56 | 29°11 | 10°55 | 16°57 | 16°54 | 17° 3 | 10°22 | S 26 |
| M27 | 16 57 10 | 14°58'53 | 6♂ 6 | 3°21 | 12° 1 | 2°30 | 17°54 | 10°51 | 16°54 | 29°13 | 10°55 | 16°44 | 16°50 | 17°10 | 10°18 | M27 |
| T 28 | 17 1 7 | 15°56'13 | 19° 8 | 3°25 | 13°13 | 3° 9 | 18° 5 | 10°59 | 16°52 | 29°15 | 10°56 | 16°34 | 16°47 | 17°17 | 10°14 | T 28 |
| W29 | 17 5 3 | 16°53'31 | 2♂21 | 3°R25 | 14°24 | 3°48 | 18°16 | 11° 7 | 16°50 | 29°17 | 10°56 | 16°27 | 16°44 | 17°23 | 10°10 | W29 |
| T 30 | 17 9 0 | 17°50'49 | 15°46 | 3°21 | 15°35 | 4°27 | 18°26 | 11°14 | 16°48 | 29°19 | 10°56 | 16°22 | 16°41 | 17°30 | 10° 6 | T 30 |
| F 31 | 17 12 56 | 18♂48'06 | 29♂21 | 3♂12 | 16♂47 | 5♂ 6 | 18♂37 | 11♂22 | 16♂46 | 29♂21 | 10♂56 | 16♂38 | 17♂37 | 10♂ 1 | F 31 | |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | decl | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat |
| W 1 | 17n48 | 25n53 | 4n16 | 23n41 | 2n 7 | 2n51 | 1s50 | 23n33 | 0n51 | 3n59 | 1s 9 | 20n10 | 1s28 | 16s54 | 0n20 | 18n14 |
| T 2 | 18 3 | 22 23 | 3 31 | 24 2 | 2 11 | 3 18 | 1 51 | 23 37 | 0 52 | 4 4 | 1 9 | 20 11 | 1 28 | 16 53 | 0 20 | 18 14 |
| F 3 | 18 19 | 17 40 | 2 34 | 24 21 | 2 15 | 3 44 | 1 52 | 23 42 | 0 52 | 4 9 | 1 9 | 20 12 | 1 28 | 16 53 | 0 20 | 18 15 |
| S 4 | 18 33 | 11 55 | 1 27 | 24 37 | 2 17 | 4 10 | 1 53 | 23 46 | 0 52 | 4 14 | 1 9 | 20 14 | 1 28 | 16 52 | 0 20 | 18 15 |
| S 5 | 18 48 | 5 28 | 0 13 | 24 50 | 2 19 | 4 36 | 1 54 | 23 50 | 0 53 | 4 18 | 1 9 | 20 15 | 1 28 | 16 51 | 0 20 | 18 16 |
| M 6 | 19 2 | 1s25 | 1s 4 | 25 2 | 2 20 | 5 2 | 1 54 | 23 54 | 0 53 | 4 23 | 1 10 | 20 16 | 1 28 | 16 51 | 0 20 | 18 16 |
| T 7 | 19 16 | 8 20 | 2 17 | 25 11 | 2 20 | 5 29 | 1 55 | 23 57 | 0 53 | 4 28 | 1 10 | 20 18 | 1 27 | 16 50 | 0 20 | 18 17 |
| W 8 | 19 29 | 14 53 | 3 22 | 25 18 | 2 19 | 5 55 | 1 56 | 24 1 | 0 54 | 4 33 | 1 10 | 20 19 | 1 27 | 16 49 | 0 20 | 18 17 |
| T 9 | 19 42 | 20 36 | 4 13 | 25 23 | 2 17 | 6 21 | 1 56 | 24 4 | 0 54 | 4 37 | 1 10 | 20 20 | 1 27 | 16 49 | 0 20 | 18 18 |
| F 10 | 19 55 | 24 59 | 4 47 | 25 27 | 2 15 | 6 46 | 1 56 | 24 7 | 0 54 | 4 42 | 1 10 | 20 22 | 1 27 | 16 48 | 0 20 | 18 18 |
| S 11 | 20 8 | 27 40 | 5 2 | 25 28 | 2 12 | 7 12 | 1 57 | 24 10 | 0 55 | 4 47 | 1 10 | 20 23 | 1 27 | 16 47 | 0 19 | 18 19 |
| S 12 | 20 20 | 28 26 | 4 57 | 25 28 | 2 7 | 7 38 | 1 57 | 24 12 | 0 55 | 4 51 | 1 10 | 20 24 | 1 27 | 16 47 | 0 19 | 18 19 |
| M13 | 20 32 | 27 22 | 4 34 | 25 26 | 2 2 | 8 4 | 1 57 | 24 15 | 0 55 | 4 56 | 1 10 | 20 26 | 1 27 | 16 46 | 0 19 | 18 20 |
| T 14 | 20 43 | 24 43 | 3 56 | 25 22 | 1 57 | 8 29 | 1 57 | 24 17 | 0 55 | 5 0 | 1 11 | 20 27 | 1 27 | 16 45 | 0 19 | 18 20 |
| W15 | 20 54 | 20 51 | 3 8 | 25 17 | 1 50 | 8 55 | 1 57 | 24 19 | 0 56 | 5 5 | 1 11 | 20 28 | 1 27 | 16 45 | 0 19 | 18 21 |
| T 16 | 21 5 | 16 9 | 2 11 | 25 11 | 1 42 | 9 20 | 1 57 | 24 21 | 0 56 | 5 9 | 1 11 | 20 29 | 1 27 | 16 44 | 0 19 | 18 21 |
| F 17 | 21 16 | 10 55 | 1 10 | 25 3 | 1 34 | 9 45 | 1 57 | 24 23 | 0 56 | 5 14 | 1 11 | 20 31 | 1 27 | 16 43 | 0 19 | 18 22 |
| S 18 | 21 26 | 5 24 | 0 7 | 24 54 | 1 25 | 10 10 | 1 56 | 24 24 | 0 57 | 5 18 | 1 11 | 20 32 | 1 27 | 16 43 | 0 19 | 18 22 |
| S 19 | 21 35 | 0n15 | 0n56 | 24 45 | 1 15 | 10 34 | 1 56 | 24 25 | 0 57 | 5 22 | 1 11 | 20 33 | 1 26 | 16 42 | 0 19 | 18 23 |
| M20 | 21 45 | 5 11 | 1 56 | 24 34 | 1 4 | 10 59 | 1 56 | 24 26 | 0 57 | 5 27 | 1 11 | 20 34 | 1 26 | 16 41 | 0 19 | 18 23 |
| T 21 | 21 54 | 11 15 | 2 50 | 24 22 | 0 52 | 11 23 | 1 55 | 24 27 | 0 58 | 5 31 | 1 12 | 20 35 | 1 26 | 16 41 | 0 19 | 18 24 |
| W22 | 22 2 | 16 18 | 3 38 | 24 9 | 0 40 | 11 47 | 1 54 | 24 28 | 0 58 | 5 35 | 1 12 | 20 37 | 1 26 | 16 40 | 0 19 | 18 24 |
| T 23 | 22 10 | 20 46 | 4 16 | 23 56 | 0 27 | 12 11 | 1 54 | 24 28 | 0 58 | 5 39 | 1 12 | 20 38 | 1 26 | 16 40 | 0 19 | 18 25 |
| F 24 | 22 18 | 24 25 | 4 44 | 23 42 | 0 13 | 12 35 | 1 53 | 24 28 | 0 58 | 5 43 | 1 12 | 20 39 | 1 26 | 16 39 | 0 19 | 18 25 |
| S 25 | 22 25 | 27 1 | 4 58 | 23 27 | 0s 1 | 12 58 | 1 52 | 24 28 | 0 59 | 5 47 | 1 12 | 20 40 | 1 26 | 16 38 | 0 19 | 18 26 |
| S 26 | 22 32 | 28 17 | 4 58 | 23 12 | 0 16 | 13 21 | 1 51 | 24 28 | 0 59 | 5 51 | 1 12 | 20 41 | 1 26 | 16 38 | 0 19 | 18 26 |
| M27 | 22 39 | 28 4 | 4 43 | 22 56 | 0 32 | 13 44 | 1 50 | 24 28 | 0 59 | 5 55 | 1 13 | 20 43 | 1 26 | 16 37 | 0 19 | 18 26 |
| T 28 | 22 45 | 26 19 | 4 14 | 22 40 | 0 47 | 14 7 | 1 49 | 24 27 | 0 59 | 5 59 | 1 13 | 20 44 | 1 26 | 16 37 | 0 19 | 18 27 |
| W29 | 22 51 | 23 5 | 3 30 | 22 24 | 1 4 | 14 29 | 1 48 | 24 26 | 1 0 | 6 3 | 1 13 | 20 45 | 1 26 | 16 36 | 0 19 | 18 27 |
| T 30 | 22 57 | 18 36 | 2 34 | 22 7 | 1 20 | 14 51 | 1 47 | 24 25 | 1 0 | 6 7 | 1 13 | 20 46 | 1 26 | 16 35 | 0 19 | 18 28 |
| F 31 | 23n 2 | 13n 6 | 1n28 | 21n51 | 1s37 | 15n12 | 1s45 | 24n24 | 1n 0 | 6n11 | 1s13 | 20n47 | 1s26 | 16s35 | 0n19 | 18n28 |

Julian Day Number = 2290968.5, Delta T = 157.93 sec
Ecliptic obliquity = 23°29'56, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 18°36'18, Lahiri = 17°43'19 Julian Calendar 1 May 1560 == Greg. Calendar 11 May 1560

ASTRODIENST EPHEMERIS for the year 1560

geocentric

JUNE 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|
| S 1 | 17 16 53 | 19II45'22 | 13III 9 | 2°R59 | 17°R58 | 5°R45 | 18°R47 | 11°R30 | 16°R44 | 29°R24 | 10°R56 | 16°R19 | 16°R34 | 17°R43 | 9°R57 | S 1 |
| S 2 | 17 20 50 | 20°42'37 | 27° 9 | 2°R42 | 19° 9 | 6°24 | 18°57 | 11°38 | 16°R42 | 29°26 | 10°R56 | 16°R19 | 16°31 | 17°50 | 9°R53 | S 2 |
| M 3 | 17 24 46 | 21°39'51 | 11°R21 | 2°21 | 20°21 | 7° 3 | 19° 7 | 11°45 | 16°40 | 29°28 | 10°56 | 16°18 | 16°28 | 17°57 | 9°49 | M 3 |
| T 4 | 17 28 43 | 22°37'04 | 25°43 | 1°57 | 21°32 | 7°42 | 19°17 | 11°53 | 16°38 | 29°30 | 10°56 | 16°16 | 16°25 | 18° 3 | 9°45 | T 4 |
| W 5 | 17 32 39 | 23°34'17 | 10°R14 | 1°29 | 22°44 | 8°21 | 19°27 | 12° 1 | 16°36 | 29°32 | 10°56 | 16°10 | 16°22 | 18°10 | 9°41 | W 5 |
| T 6 | 17 36 36 | 24°31'29 | 24°48 | 0°59 | 23°55 | 9° 0 | 19°37 | 12° 9 | 16°35 | 29°34 | 10°55 | 16° 2 | 16°19 | 18°17 | 9°37 | T 6 |
| F 7 | 17 40 32 | 25°28'41 | 9°R19 | 0°27 | 25° 7 | 9°39 | 19°47 | 12°16 | 16°33 | 29°36 | 10°55 | 15°52 | 16°15 | 18°23 | 9°33 | F 7 |
| S 8 | 17 44 29 | 26°25'52 | 23°40 | 29°R54 | 26°18 | 10°18 | 19°56 | 12°24 | 16°31 | 29°38 | 10°55 | 15°41 | 16°12 | 18°30 | 9°29 | S 8 |
| S 9 | 17 48 26 | 27°23'03 | 7°R45 | 29°19 | 27°30 | 10°57 | 20° 6 | 12°32 | 16°29 | 29°40 | 10°55 | 15°30 | 16° 9 | 18°37 | 9°25 | S 9 |
| M10 | 17 52 22 | 28°20'14 | 21°30 | 28°43 | 28°42 | 11°36 | 20°15 | 12°39 | 16°28 | 29°42 | 10°55 | 15°20 | 16° 6 | 18°43 | 9°21 | M10 |
| T 11 | 17 56 19 | 29°17'25 | 4°R51 | 28° 8 | 29°53 | 12°15 | 20°24 | 12°47 | 16°26 | 29°44 | 10°55 | 15°13 | 16° 3 | 18°50 | 9°18 | T 11 |
| W12 | 18 0 15 | 0°R14'35 | 17°48 | 27°33 | 1°R 5 | 12°53 | 20°33 | 12°55 | 16°25 | 29°46 | 10°54 | 15° 7 | 16° 0 | 18°57 | 9°14 | W12 |
| T 13 | 18 4 12 | 1°11'46 | 0°R23 | 27° 0 | 2°17 | 13°32 | 20°42 | 13° 2 | 16°23 | 29°48 | 10°54 | 15° 5 | 15°56 | 19° 3 | 9°10 | T 13 |
| F 14 | 18 8 8 | 2° 8'56 | 12°39 | 26°29 | 3°29 | 14°11 | 20°51 | 13°10 | 16°22 | 29°50 | 10°54 | 15°D 4 | 15°53 | 19°10 | 9° 6 | F 14 |
| S 15 | 18 12 5 | 3° 6'07 | 24°41 | 26° 0 | 4°41 | 14°50 | 21° 0 | 13°17 | 16°20 | 29°52 | 10°53 | 15° 4 | 15°50 | 19°17 | 9° 3 | S 15 |
| S 16 | 18 16 1 | 4° 3'18 | 6°R34 | 25°34 | 5°52 | 15°29 | 21° 8 | 13°25 | 16°19 | 29°54 | 10°53 | 15°R 4 | 15°47 | 19°23 | 8°59 | S 16 |
| M17 | 18 19 58 | 5° 0'29 | 18°23 | 25°11 | 7° 4 | 16° 7 | 21°17 | 13°33 | 16°17 | 29°56 | 10°53 | 15° 3 | 15°44 | 19°30 | 8°56 | M17 |
| T 18 | 18 23 55 | 5°57'40 | 0°R14 | 24°53 | 8°16 | 16°46 | 21°25 | 13°40 | 16°16 | 29°58 | 10°52 | 15° 1 | 15°40 | 19°37 | 8°52 | T 18 |
| W19 | 18 27 51 | 6°54'52 | 12°12 | 24°38 | 9°28 | 17°25 | 21°33 | 13°47 | 16°15 | 29°59 | 10°52 | 14°56 | 15°37 | 19°43 | 8°49 | W19 |
| T 20 | 18 31 48 | 7°52'03 | 24°20 | 24°28 | 10°41 | 18° 3 | 21°41 | 13°55 | 16°13 | 0°R 2 | 10°52 | 14°48 | 15°34 | 19°50 | 8°45 | T 20 |
| F 21 | 18 35 44 | 8°49'16 | 6°R41 | 24°23 | 11°53 | 18°42 | 21°49 | 14° 2 | 16°12 | 0° 4 | 10°51 | 14°39 | 15°31 | 19°57 | 8°42 | F 21 |
| S 22 | 18 39 41 | 9°46'28 | 19°18 | 24°D22 | 13° 5 | 19°21 | 21°57 | 14°10 | 16°11 | 0° 5 | 10°51 | 14°28 | 15°28 | 20° 3 | 8°39 | S 22 |
| S 23 | 18 43 37 | 10°43'41 | 2°R12 | 24°27 | 14°17 | 19°59 | 22° 5 | 14°17 | 16°10 | 0° 7 | 10°50 | 14°17 | 15°25 | 20°10 | 8°36 | S 23 |
| M24 | 18 47 34 | 11°40'54 | 15°21 | 24°36 | 15°29 | 20°38 | 22°12 | 14°24 | 16° 9 | 0° 9 | 10°50 | 14° 7 | 15°21 | 20°17 | 8°32 | M24 |
| T 25 | 18 51 30 | 12°38'07 | 28°45 | 24°51 | 16°41 | 21°17 | 22°19 | 14°32 | 16° 8 | 0°11 | 10°49 | 13°58 | 15°18 | 20°23 | 8°29 | T 25 |
| W26 | 18 55 27 | 13°35'20 | 12°R21 | 25°12 | 17°54 | 21°55 | 22°27 | 14°39 | 16° 7 | 0°13 | 10°49 | 13°52 | 15°15 | 20°30 | 8°26 | W26 |
| T 27 | 18 59 24 | 14°32'34 | 26° 7 | 25°37 | 19° 6 | 22°34 | 22°34 | 14°46 | 16° 6 | 0°14 | 10°48 | 13°49 | 15°12 | 20°37 | 8°23 | T 27 |
| F 28 | 19 3 20 | 15°29'47 | 10°R 0 | 26° 8 | 20°18 | 23°12 | 22°40 | 14°53 | 16° 5 | 0°16 | 10°47 | 13°D47 | 15° 9 | 20°43 | 8°21 | F 28 |
| S 29 | 19 7 17 | 16°27'00 | 24° 0 | 26°44 | 21°31 | 23°51 | 22°47 | 15° 0 | 16° 4 | 0°18 | 10°47 | 13°47 | 15° 6 | 20°50 | 8°18 | S 29 |
| S 30 | 19 11 13 | 17°R24'14 | 8°R 6 | 27°R26 | 22°R43 | 24°R29 | 22°R54 | 15°R 7 | 16°R 3 | 0°R19 | 10°R46 | 13°R48 | 15°R 2 | 20°R57 | 8°R15 | S 30 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|------|-------|-------|------|-----|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| S 1 | 23n 6 | 6n54 | 0n17 | 21n34 | 1s54 | 15n34 | 1s44 | 24n23 | 1n 0 | 6n15 | 1s13 | 20n48 | 1s26 | 16s34 | 0n19 | 18n29 | 1s38 | 20s38 | 14s17 | 5s25 | 5s19 | 9n26 | 16s33 | 5n30 | | | |
| S 2 | 23 10 | 0 16 | 0s57 | 21 18 | 2 11 | 15 55 | 1 43 | 24 21 | 1 1 | 6 18 | 1 14 | 20 49 | 1 26 | 16 34 | 0 19 | 18 29 | 1 38 | 20 38 | 14 17 | 5 25 | 5 20 | 9 29 | 16 33 | 5 30 | | | |
| M 3 | 23 14 | 6s28 | 2 8 | 21 2 | 2 27 | 16 15 | 1 41 | 24 19 | 1 1 | 6 22 | 1 14 | 20 50 | 1 26 | 16 33 | 0 19 | 18 30 | 1 38 | 20 39 | 14 17 | 5 25 | 5 21 | 9 32 | 16 32 | 5 30 | | | |
| T 4 | 23 18 | 12 57 | 3 12 | 20 46 | 2 43 | 16 35 | 1 40 | 24 17 | 1 1 | 6 26 | 1 14 | 20 51 | 1 25 | 16 33 | 0 19 | 18 30 | 1 38 | 20 39 | 14 18 | 5 26 | 5 22 | 9 36 | 16 31 | 5 30 | | | |
| W 5 | 23 21 | 18 47 | 4 4 | 20 31 | 2 59 | 16 55 | 1 38 | 24 15 | 1 1 | 6 29 | 1 14 | 20 53 | 1 25 | 16 32 | 0 19 | 18 30 | 1 38 | 20 40 | 14 18 | 5 28 | 5 24 | 9 39 | 16 31 | 5 30 | | | |
| T 6 | 23 23 | 23 33 | 4 41 | 20 16 | 3 14 | 17 15 | 1 36 | 24 13 | 1 2 | 6 33 | 1 14 | 20 54 | 1 25 | 16 32 | 0 19 | 18 31 | 1 38 | 20 40 | 14 18 | 5 31 | 5 25 | 9 42 | 16 30 | 5 30 | | | |
| F 7 | 23 25 | 26 49 | 4 59 | 20 2 | 3 28 | 17 34 | 1 35 | 24 10 | 1 2 | 6 36 | 1 14 | 20 55 | 1 25 | 16 31 | 0 19 | 18 31 | 1 38 | 20 40 | 14 19 | 5 35 | 5 26 | 9 46 | 16 29 | 5 30 | | | |
| S 8 | 23 27 | 28 18 | 4 58 | 19 49 | 3 41 | 17 52 | 1 33 | 24 8 | 1 2 | 6 40 | 1 15 | 20 56 | 1 25 | 16 31 | 0 19 | 18 32 | 1 38 | 20 41 | 14 19 | 5 39 | 5 27 | 9 49 | 16 29 | 5 30 | | | |
| S 9 | 23 28 | 27 55 | 4 39 | 19 36 | 3 54 | 18 10 | 1 31 | 24 5 | 1 2 | 6 43 | 1 15 | 20 57 | 1 25 | 16 30 | 0 19 | 18 32 | 1 38 | 20 41 | 14 20 | 5 44 | 5 29 | 9 52 | 16 28 | 5 30 | | | |
| M10 | 23 29 | 25 47 | 4 4 | 19 25 | 4 4 | 18 28 | 1 29 | 24 2 | 1 2 | 6 46 | 1 15 | 20 58 | 1 25 | 16 30 | 0 19 | 18 33 | 1 38 | 20 41 | 14 20 | 5 48 | 5 30 | 9 55 | 16 28 | 5 30 | | | |
| T 11 | 23 30 | 22 16 | 3 16 | 19 15 | 4 14 | 18 46 | 1 27 | 23 58 | 1 3 | 6 50 | 1 15 | 20 59 | 1 25 | 16 29 | 0 19 | 18 33 | 1 38 | 20 42 | 14 20 | 5 51 | 5 31 | 9 58 | 16 27 | 5 30 | | | |
| W12 | 23 30 | 17 45 | 2 19 | 19 6 | 4 22 | 19 2 | 1 25 | 23 55 | 1 3 | 6 53 | 1 15 | 21 0 | 1 25 | 16 29 | 0 19 | 18 33 | 1 38 | 20 42 | 14 21 | 5 53 | 5 32 | 10 2 | 16 27 | 5 30 | | | |
| T 13 | 23 30 | 12 34 | 1 17 | 18 59 | 4 29 | 19 19 | 1 23 | 23 51 | 1 3 | 6 56 | 1 16 | 21 1 | 1 25 | 16 29 | 0 19 | 18 34 | 1 38 | 20 43 | 14 21 | 5 54 | 5 34 | 10 5 | 16 26 | 5 30 | | | |
| F 14 | 23 29 | 7 2 | 0 13 | 18 53 | 4 35 | 19 35 | 1 21 | 23 47 | 1 3 | 6 59 | 1 16 | 21 2 | 1 25 | 16 28 | 0 19 | 18 34 | 1 38 | 20 43 | 14 21 | 5 54 | 5 35 | 10 8 | 16 26 | 5 30 | | | |
| S 15 | 23 28 | 1 20 | 0n51 | 18 48 | 4 38 | 19 50 | 1 19 | 23 43 | 1 3 | 7 2 | 1 16 | 21 3 | 1 25 | 16 28 | 0 19 | 18 35 | 1 38 | 20 44 | 14 22 | 5 54 | 5 36 | 10 11 | 16 25 | 5 30 | | | |
| S 16 | 23 26 | 4n19 | 1 52 | 18 45 | 4 41 | 20 5 | 1 17 | 23 39 | 1 4 | 7 5 | 1 16 | 21 4 | 1 25 | 16 27 | 0 19 | 18 35 | 1 38 | 20 44 | 14 22 | 5 54 | 5 37 | 10 15 | 16 25 | 5 30 | | | |
| M17 | 23 24 | 9 48 | 2 47 | 18 44 | 4 41 | 20 19 | 1 14 | 23 35 | 1 4 | 7 8 | 1 16 | 21 4 | 1 25 | 16 27 | 0 19 | 18 35 | 1 38 | 20 45 | 14 22 | 5 54 | 5 38 | 10 18 | 16 24 | 5 30 | | | |
| T 18 | 23 22 | 14 57 | 3 36 | 18 44 | 4 40 | 20 33 | 1 12 | 23 30 | 1 4 | 7 11 | 1 17 | 21 5 | 1 25 | 16 27 | 0 19 | 18 36 | 1 38 | 20 45 | 14 23 | 5 55 | 5 40 | 10 21 | 16 24 | 5 30 | | | |
| W19 | 23 19 | 19 35 | 4 15 | 18 45 | 4 38 | 20 46 | 1 10 | 23 25 | 1 4 | 7 14 | 1 17 | 21 6 | 1 25 | 16 26 | 0 19 | 18 36 | 1 38 | 20 45 | 14 23 | 5 57 | 5 41 | 10 24 | 16 23 | 5 30 | | | |
| T 20 | 23 16 | 23 29 | 4 44 | 18 48 | 4 35 | 20 59 | 1 8 | 23 20 | 1 4 | 7 17 | 1 17 | 21 7 | 1 25 | 16 26 | 0 19 | 18 36 | 1 38 | 20 46 | 14 23 | 6 0 | 5 42 | 10 28 | 16 23 | 5 30 | | | |
| F 21 | 23 12 | 26 24 | 5 0 | 18 53 | 4 30 | 21 11 | 1 5 | 23 15 | 1 4 | 7 20 | 1 17 | 21 8 | 1 25 | 16 26 | 0 19 | 18 37 | 1 38 | 20 46 | 14 24 | 6 4 | 5 43 | 10 31 | 16 23 | 5 30 | | | |
| S 22 | 23 8 | 28 5 | 5 2 | 18 59 | 4 24 | 21 23 | 1 3 | 23 10 | 1 5 | 7 22 | 1 18 | 21 9 | 1 25 | 16 25 | 0 19 | 18 37 | 1 38 | 20 47 | 14 24 | 6 8 | 5 45 | 10 34 | 16 22 | 5 30 | | | |
| S 23 | 23 4 | 28 17 | 4 49 | 19 6 | 4 17 | 21 34 | 1 0 | 23 4 | 1 5 | 7 25 | 1 18 | 21 10 | 1 25 | 16 25 | 0 19 | 18 38 | 1 38 | 20 47 | 14 24 | 6 12 | 5 46 | 10 37 | 16 22 | 5 29 | | | |
| M24 | 22 59 | 26 55 | 4 20 | 19 15 | 4 8 | 21 45 | 0 58 | 22 59 | 1 5 | 7 28 | 1 18 | 21 11 | 1 25 | 16 25 | 0 19 | 18 38 | 1 38 | 20 48 | 14 25 | 6 16 | 5 47 | 10 40 | 16 22 | 5 29 | | | |
| T 25 | 22 54 | 23 59 | 3 36 | 19 25 | 3 59 | 21 55 | 0 55 | 22 53 | 1 5 | 7 30 | 1 18 | 21 12 | 1 25 | 16 24 | 0 19 | 18 38 | 1 38 | 20 48 | 14 25 | 6 19 | 5 48 | 10 44 | 16 21 | 5 29 | | | |
| W26 | 22 48 | 19 41 | 2 40 | 19 36 | 3 49 | 22 4 | 0 53 | 22 47 | 1 5 | 7 32 | 1 18 | 21 12 | 1 25 | 16 24 | 0 19 | 18 39 | 1 38 | 20 49 | 14 25 | 6 22 | 5 50 | 10 47 | 16 21 | 5 29 | | | |
| T 27 | 22 42 | 14 18 | 1 33 | 19 47 | 3 38 | 22 13 | 0 50 | 22 41 | 1 5 | 7 35 | 1 19 | 21 13 | 1 25 | 16 24 | 0 19 | 18 39 | 1 38 | 20 49 | 14 26 | 6 23 | 5 51 | 10 50 | 16 21 | 5 29 | | | |
| F 28 | 22 36 | 8 9 | 0 20 | 20 0 | 3 27 | 22 21 | 0 48 | 22 35 | 1 6 | 7 37 | 1 19 | 21 14 | 1 25 | 16 24 | 0 19 | 18 39 | 1 38 | 20 50 | 14 26 | 6 24 | 5 52 | 10 53 | 16 20 | 5 29 | | | |
| S 29 | 22 29 | 1 33 | 0s55 | 20 13 | 3 15 | 22 28 | 0 45 | 22 28 | 1 6 | 7 39 | 1 19 | 21 15 | 1 25 | 16 24 | 0 19 | 18 40 | 1 38 | 20 50 | 14 26 | 6 23 | 5 53 | 10 56 | 16 20 | 5 29 | | | |
| S 30 | 22n22 | 5s 9 | 2s 6 | 20n26 | 3s 2 | 22n35 | 0s43 | 22n21 | 1n 6 | 7n42 | 1s19 | 21n16 | 1s25 | 16s23 | 0n19 | 18n40 | 1s38 | 20s51 | 14s27 | 6s23 | 5s55 | 11n 0 | 16s20 | 5n28 | | | |

ASTRODIENST EPHEMERIS for the year 1560

geocentric

JULY 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------|-------|-------|-------|-------|-------|-------|--------|------|--------|--------|--------|--------|-------|------|
| M 1 | 19 15 10 | 18°21'28 | 22°15 | 28°12 | 23°56 | 25°08 | 23°0 | 15°14 | 16°R 3 | 0°21 | 10°R46 | 13°R48 | 14°R59 | 21°V 3 | 8°R12 | M 1 |
| T 2 | 19 19 6 | 19°18'41 | 6°12 | 29° 4 | 25° 8 | 25°46 | 23° 6 | 15°21 | 16°R 2 | 0°23 | 10°R45 | 13°R47 | 14°56 | 21°10 | 8°R10 | T 2 |
| W 3 | 19 23 3 | 20°15'55 | 20°38 | 0°0 | 26°21 | 26°25 | 23°12 | 15°28 | 16° 1 | 0°24 | 10°44 | 13°44 | 14°53 | 21°17 | 8° 7 | W 3 |
| T 4 | 19 26 59 | 21°13'10 | 4°49 | 1° 3 | 27°33 | 27° 3 | 23°18 | 15°35 | 16° 1 | 0°26 | 10°43 | 13°38 | 14°50 | 21°23 | 8° 5 | T 4 |
| F 5 | 19 30 56 | 22°10'24 | 18°53 | 2°10 | 28°46 | 27°42 | 23°24 | 15°42 | 16° 0 | 0°27 | 10°43 | 13°31 | 14°46 | 21°30 | 8° 3 | F 5 |
| S 6 | 19 34 53 | 23° 7'39 | 2°34 | 3°22 | 29°59 | 28°20 | 23°29 | 15°49 | 16° 0 | 0°29 | 10°42 | 13°23 | 14°43 | 21°37 | 8° 0 | S 6 |
| S 7 | 19 38 49 | 24° 4'55 | 16°30 | 4°38 | 1°01 | 28°59 | 23°35 | 15°56 | 15°59 | 0°30 | 10°41 | 13°15 | 14°40 | 21°43 | 7°58 | S 7 |
| M 8 | 19 42 46 | 25° 2'11 | 29°55 | 6° 0 | 2°24 | 29°37 | 23°40 | 16° 2 | 15°59 | 0°32 | 10°40 | 13° 8 | 14°37 | 21°50 | 7°56 | M 8 |
| T 9 | 19 46 42 | 25°59'28 | 13°22 | 7°26 | 3°37 | 0°01 | 23°45 | 16° 9 | 15°59 | 0°33 | 10°40 | 13° 3 | 14°34 | 21°57 | 7°54 | T 9 |
| W10 | 19 50 39 | 26°56'45 | 25°50 | 8°56 | 4°50 | 0°54 | 23°50 | 16°16 | 15°58 | 0°35 | 10°39 | 12°59 | 14°31 | 22° 3 | 7°52 | W10 |
| T 11 | 19 54 35 | 27°54'04 | 8°19 | 10°30 | 6° 2 | 1°32 | 23°55 | 16°22 | 15°58 | 0°36 | 10°38 | 12°58 | 14°27 | 22°10 | 7°50 | T 11 |
| F 12 | 19 58 32 | 28°51'23 | 20°33 | 12° 9 | 7°15 | 2°11 | 23°59 | 16°29 | 15°58 | 0°38 | 10°37 | 12°58 | 14°24 | 22°17 | 7°48 | F 12 |
| S 13 | 20 2 28 | 29°48'43 | 2°V34 | 13°51 | 8°28 | 2°49 | 24° 4 | 16°35 | 15°58 | 0°39 | 10°36 | 12°59 | 14°21 | 22°23 | 7°47 | S 13 |
| S 14 | 20 6 25 | 0°46'04 | 14°28 | 15°37 | 9°41 | 3°28 | 24° 8 | 16°41 | 15°58 | 0°40 | 10°35 | 13° 1 | 14°18 | 22°30 | 7°45 | S 14 |
| M15 | 20 10 22 | 1°43'26 | 26°18 | 17°27 | 10°54 | 4° 6 | 24°12 | 16°48 | 15°58 | 0°42 | 10°34 | 13°R 2 | 14°15 | 22°37 | 7°44 | M15 |
| T 16 | 20 14 18 | 2°40'50 | 8°10 | 19°19 | 12° 7 | 4°44 | 24°16 | 16°54 | 15°58 | 0°43 | 10°34 | 13° 2 | 14°12 | 22°43 | 7°42 | T 16 |
| W17 | 20 18 11 | 3°38'14 | 20° 9 | 21°14 | 13°20 | 5°23 | 24°20 | 17° 0 | 15°58 | 0°44 | 10°33 | 13° 0 | 14° 8 | 22°50 | 7°41 | W17 |
| T 18 | 20 22 11 | 4°35'40 | 2°10 | 23°11 | 14°33 | 6° 1 | 24°23 | 17° 7 | 15°58 | 0°45 | 10°32 | 12°57 | 14° 5 | 22°57 | 7°40 | T 18 |
| F 19 | 20 26 8 | 5°33'07 | 14°46 | 25°10 | 15°47 | 6°39 | 24°26 | 17°13 | 15°58 | 0°46 | 10°31 | 12°53 | 14° 2 | 23° 3 | 7°38 | F 19 |
| S 20 | 20 30 4 | 6°30'36 | 27°31 | 27°11 | 17° 0 | 7°18 | 24°29 | 17°19 | 15°58 | 0°48 | 10°30 | 12°47 | 13°59 | 23°10 | 7°37 | S 20 |
| S 21 | 20 34 1 | 7°28'05 | 10°36 | 29°13 | 18°13 | 7°56 | 24°32 | 17°25 | 15°58 | 0°49 | 10°29 | 12°41 | 13°56 | 23°17 | 7°36 | S 21 |
| M22 | 20 37 58 | 8°25'36 | 24° 1 | 1°01 | 19°26 | 8°34 | 24°35 | 17°31 | 15°59 | 0°50 | 10°28 | 12°36 | 13°52 | 23°23 | 7°36 | M22 |
| T 23 | 20 41 54 | 9°23'08 | 7°04 | 3°20 | 20°40 | 9°12 | 24°38 | 17°37 | 15°59 | 0°51 | 10°27 | 12°31 | 13°49 | 23°30 | 7°35 | T 23 |
| W24 | 20 45 51 | 10°20'41 | 21°44 | 5°24 | 21°53 | 9°51 | 24°40 | 17°42 | 16° 0 | 0°52 | 10°26 | 12°28 | 13°46 | 23°37 | 7°34 | W24 |
| T 25 | 20 49 47 | 11°18'15 | 5°10 | 7°27 | 23° 6 | 10°29 | 24°42 | 17°48 | 16° 0 | 0°53 | 10°25 | 12°27 | 13°43 | 23°43 | 7°33 | T 25 |
| F 26 | 20 53 44 | 12°15'50 | 20°14 | 9°31 | 24°20 | 11° 7 | 24°44 | 17°54 | 16° 1 | 0°54 | 10°24 | 12°27 | 13°40 | 23°50 | 7°33 | F 26 |
| S 27 | 20 57 40 | 13°13'25 | 4°37 | 11°34 | 25°33 | 11°46 | 24°46 | 17°59 | 16° 1 | 0°55 | 10°22 | 12°28 | 13°37 | 23°57 | 7°32 | S 27 |
| S 28 | 21 1 37 | 14°11'02 | 18°58 | 13°37 | 26°47 | 12°24 | 24°47 | 18° 5 | 16° 2 | 0°56 | 10°21 | 12°29 | 13°33 | 24° 4 | 7°32 | S 28 |
| M29 | 21 5 33 | 15° 8'40 | 3°15 | 15°38 | 28° 0 | 13° 2 | 24°49 | 18°10 | 16° 2 | 0°57 | 10°20 | 12°31 | 13°30 | 24°10 | 7°32 | M29 |
| T 30 | 21 9 30 | 16° 6'19 | 17°26 | 17°39 | 29°14 | 13°40 | 24°50 | 18°16 | 16° 3 | 0°58 | 10°19 | 12°31 | 13°27 | 24°17 | 7°32 | T 30 |
| W31 | 21 13 27 | 17°0 3'59 | 1°29 | 19°03 | 0°02 | 14°01 | 24°51 | 18°21 | 16° 4 | 0°58 | 10°18 | 12°30 | 13°26 | 24°16 | 7°32 | W31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| M 1 | 22n14 | 11s38 | 3s11 | 20n40 | 2s49 | 22n41 | 0s40 | 22n15 | 1n 6 | 7n44 | 1s20 | 21n16 | 1s25 | 16s23 | 0n18 | 18n40 |
| T 2 | 22 6 | 17 32 | 4 4 | 20 54 | 2 36 | 22 47 | 0 38 | 22 8 | 1 6 | 7 46 | 1 20 | 21 17 | 1 25 | 16 23 | 0 18 | 18 40 |
| W 3 | 21 58 | 22 29 | 4 42 | 21 8 | 2 22 | 22 52 | 0 35 | 22 0 | 1 6 | 7 48 | 1 20 | 21 18 | 1 25 | 16 23 | 0 18 | 18 41 |
| T 4 | 21 49 | 26 7 | 5 3 | 21 22 | 2 8 | 22 56 | 0 32 | 21 53 | 1 6 | 7 50 | 1 20 | 21 18 | 1 25 | 16 23 | 0 18 | 18 41 |
| F 5 | 21 40 | 28 6 | 5 5 | 21 35 | 1 54 | 23 0 | 0 30 | 21 46 | 1 7 | 7 52 | 1 21 | 21 19 | 1 25 | 16 23 | 0 18 | 18 41 |
| S 6 | 21 31 | 28 17 | 4 49 | 21 48 | 1 40 | 23 3 | 0 27 | 21 38 | 1 7 | 7 54 | 1 21 | 21 20 | 1 25 | 16 22 | 0 18 | 18 42 |
| S 7 | 21 21 | 26 43 | 4 17 | 22 0 | 1 25 | 23 5 | 0 24 | 21 30 | 1 7 | 7 55 | 1 21 | 21 21 | 1 25 | 16 22 | 0 18 | 18 42 |
| M 8 | 21 11 | 23 39 | 3 31 | 22 11 | 1 11 | 23 7 | 0 22 | 21 22 | 1 7 | 7 57 | 1 21 | 21 21 | 1 25 | 16 22 | 0 18 | 18 42 |
| T 9 | 21 0 | 19 25 | 2 34 | 22 20 | 0 57 | 23 8 | 0 19 | 21 14 | 1 7 | 7 59 | 1 22 | 21 22 | 1 25 | 16 22 | 0 18 | 18 42 |
| W10 | 20 49 | 14 22 | 1 31 | 22 29 | 0 43 | 23 8 | 0 16 | 21 6 | 1 7 | 8 0 | 1 22 | 21 23 | 1 25 | 16 22 | 0 18 | 18 43 |
| T 11 | 20 38 | 8 52 | 0 25 | 22 35 | 0 30 | 23 8 | 0 14 | 20 58 | 1 7 | 8 2 | 1 22 | 21 23 | 1 25 | 16 22 | 0 18 | 18 43 |
| F 12 | 20 26 | 3 8 | 0n41 | 22 40 | 0 17 | 23 7 | 0 11 | 20 49 | 1 7 | 8 3 | 1 22 | 21 24 | 1 25 | 16 22 | 0 18 | 18 43 |
| S 13 | 20 14 | 2n37 | 1 44 | 22 43 | 0 4 | 23 5 | 0 8 | 20 40 | 1 8 | 8 5 | 1 23 | 21 25 | 1 25 | 16 22 | 0 18 | 18 43 |
| S 14 | 20 2 | 8 13 | 2 42 | 22 43 | 0n 8 | 23 3 | 0 6 | 20 32 | 1 8 | 8 6 | 1 23 | 21 25 | 1 25 | 16 22 | 0 18 | 18 44 |
| M15 | 19 50 | 13 29 | 3 33 | 22 42 | 0 20 | 23 0 | 0 3 | 20 23 | 1 8 | 8 7 | 1 23 | 21 26 | 1 25 | 16 22 | 0 18 | 18 44 |
| T 16 | 19 37 | 18 17 | 4 15 | 22 37 | 0 31 | 22 56 | 0 20 | 20 13 | 1 8 | 8 8 | 1 23 | 21 26 | 1 25 | 16 22 | 0 18 | 18 44 |
| W17 | 19 23 | 22 25 | 4 47 | 22 30 | 0 42 | 22 52 | 0n 2 | 20 4 | 1 8 | 8 10 | 1 24 | 21 27 | 1 25 | 16 22 | 0 18 | 18 44 |
| T 18 | 19 10 | 25 40 | 5 5 | 22 21 | 0 52 | 22 47 | 0 5 | 19 55 | 1 8 | 8 11 | 1 24 | 21 27 | 1 25 | 16 22 | 0 18 | 18 44 |
| F 19 | 18 56 | 27 46 | 5 11 | 22 9 | 1 1 | 22 41 | 0 7 | 19 45 | 1 8 | 8 12 | 1 24 | 21 28 | 1 25 | 16 22 | 0 18 | 18 45 |
| S 20 | 18 42 | 28 29 | 5 1 | 21 54 | 1 9 | 22 35 | 0 10 | 19 36 | 1 8 | 8 12 | 1 24 | 21 29 | 1 25 | 16 22 | 0 18 | 18 45 |
| S 21 | 18 27 | 27 39 | 4 35 | 21 36 | 1 16 | 22 28 | 0 12 | 19 26 | 1 8 | 8 13 | 1 25 | 21 29 | 1 25 | 16 22 | 0 18 | 18 45 |
| M22 | 18 12 | 25 12 | 3 54 | 21 16 | 1 23 | 22 20 | 0 15 | 19 16 | 1 8 | 8 14 | 1 25 | 21 30 | 1 25 | 16 22 | 0 18 | 18 45 |
| T 23 | 17 57 | 21 15 | 2 58 | 20 54 | 1 28 | 22 12 | 0 18 | 19 6 | 1 8 | 8 15 | 1 25 | 21 30 | 1 26 | 16 23 | 0 18 | 18 45 |
| W24 | 17 42 | 16 3 | 1 51 | 20 28 | 1 33 | 22 3 | 0 20 | 18 56 | 1 9 | 8 15 | 1 25 | 21 31 | 1 26 | 16 23 | 0 18 | 18 46 |
| T 25 | 17 26 | 9 55 | 0 36 | 20 1 | 1 37 | 21 53 | 0 22 | 18 45 | 1 9 | 8 16 | 1 26 | 21 31 | 1 26 | 16 23 | 0 18 | 18 46 |
| F 26 | 17 10 | 3 13 | 0s43 | 19 32 | 1 41 | 21 43 | 0 25 | 18 35 | 1 9 | 8 16 | 1 26 | 21 31 | 1 26 | 16 23 | 0 18 | 18 46 |
| S 27 | 16 53 | 3s39 | 1 58 | 19 0 | 1 43 | 21 32 | 0 27 | 18 24 | 1 9 | 8 17 | 1 26 | 21 32 | 1 26 | 16 23 | 0 18 | 18 46 |
| S 28 | 16 37 | 10 19 | 3 7 | 18 27 | 1 45 | 21 20 | 0 30 | 18 13 | 1 9 | 8 17 | 1 26 | 21 32 | 1 26 | 16 24 | 0 18 | 18 46 |
| M29 | 16 20 | 16 26 | 4 3 | 17 52 | 1 46 | 21 8 | 0 32 | 18 3 | 1 9 | 8 17 | 1 27 | 21 33 | 1 26 | 16 24 | 0 18 | 18 46 |
| T 30 | 16 3 | 21 37 | 4 45 | 17 16 | 1 46 | 20 55 | 0 34 | 17 52 | 1 9 | 8 18 | 1 27 | 21 33 | 1 26 | 16 24 | 0 18 | 18 46 |
| W31 | 15n46 | 25s32 | 5s 8 | 16n38 | 1n46 | 20n42 | 0n37 | 17n41 | 1n 9 | 8n18 | 1s27 | 21n34 | 1s26 | 16s24 | 0n18 | 18n47 |

Julian Day Number = 2291029.5, Delta T = 157.59 sec

Ecliptic obliquity = 23°29'56", Nutation = 0°00'05", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°36'26", Lahiri = 17°43'27" Julian Calendar 1 July 1560 == Greg. Calendar 11 July 1560

ASTRODIENST EPHEMERIS for the year 1560
geocentric

AUGUST 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|-----------|-------|-------|-------|-------|--------|---------|--------|--------|--------|--------|--------|--------|------|------|
| T 1 | 21 17 23 | 18°Ω 1'40 | 15♌22 | 21♌37 | 1♌41 | 14♌57 | 24♌52 | 18♌26 | 16♌ 5 | 0♏59 | 10°R17 | 12°R29 | 13♎21 | 24♌30 | 7♌32 | T 1 |
| F 2 | 21 21 20 | 18°59'22 | 29° 4 | 23°34 | 2°55 | 15°35 | 24°52 | 18°31 | 16° 6 | 1° 0 | 10°K16 | 12°K26 | 13°18 | 24°37 | 7°32 | F 2 |
| S 3 | 21 25 16 | 19°57'05 | 12♌33 | 25°30 | 4° 8 | 16°13 | 24°53 | 18°37 | 16° 7 | 1° 1 | 10°15 | 12°23 | 13°14 | 24°44 | 7°32 | S 3 |
| S 4 | 21 29 13 | 20°54'50 | 25°49 | 27°25 | 5°22 | 16°51 | 24°53 | 18°42 | 16° 8 | 1° 1 | 10°14 | 12°19 | 13°11 | 24°50 | 7°33 | S 4 |
| M 5 | 21 33 9 | 21°52'35 | 8♌51 | 29°18 | 6°36 | 17°30 | 24°R53 | 18°46 | 16° 9 | 1° 2 | 10°12 | 12°17 | 13° 8 | 24°57 | 7°33 | M 5 |
| T 6 | 21 37 6 | 22°50'22 | 21°38 | 1♏10 | 7°50 | 18° 8 | 24°53 | 18°51 | 16°10 | 1° 3 | 10°11 | 12°15 | 13° 5 | 25° 4 | 7°33 | T 6 |
| W 7 | 21 41 2 | 23°48'10 | 4♎11 | 3° 1 | 9° 3 | 18°46 | 24°52 | 18°56 | 16°11 | 1° 3 | 10°10 | 12°14 | 13° 2 | 25°10 | 7°34 | W 7 |
| T 8 | 21 44 59 | 24°46'00 | 16°30 | 4°50 | 10°17 | 19°24 | 24°52 | 19° 1 | 16°12 | 1° 4 | 10° 9 | 12°D13 | 12°58 | 25°17 | 7°35 | T 8 |
| F 9 | 21 48 56 | 25°43'52 | 28°38 | 6°38 | 11°31 | 20° 2 | 24°51 | 19° 5 | 16°13 | 1° 5 | 10° 8 | 12°14 | 12°55 | 25°24 | 7°36 | F 9 |
| S 10 | 21 52 52 | 26°41'45 | 10♏36 | 8°24 | 12°45 | 20°41 | 24°50 | 19°10 | 16°15 | 1° 5 | 10° 6 | 12°15 | 12°52 | 25°30 | 7°36 | S 10 |
| S 11 | 21 56 49 | 27°39'40 | 22°28 | 10° 9 | 13°59 | 21°19 | 24°49 | 19°14 | 16°16 | 1° 6 | 10° 5 | 12°17 | 12°49 | 25°37 | 7°37 | S 11 |
| M12 | 22 0 45 | 28°37'37 | 4♎18 | 11°53 | 15°13 | 21°57 | 24°47 | 19°19 | 16°17 | 1° 6 | 10° 4 | 12°18 | 12°46 | 25°44 | 7°39 | M12 |
| T 13 | 22 4 42 | 29°35'35 | 16°10 | 13°36 | 16°27 | 22°35 | 24°46 | 19°23 | 16°19 | 1° 6 | 10° 3 | 12°19 | 12°43 | 25°50 | 7°40 | T 13 |
| W14 | 22 8 38 | 0♏33'36 | 28° 9 | 15°17 | 17°41 | 23°13 | 24°44 | 19°27 | 16°20 | 1° 7 | 10° 2 | 12°R19 | 12°39 | 25°57 | 7°41 | W14 |
| T 15 | 22 12 35 | 1°31'38 | 10♏19 | 16°57 | 18°55 | 23°52 | 24°42 | 19°31 | 16°22 | 1° 7 | 10° 0 | 12°19 | 12°36 | 26° 4 | 7°42 | T 15 |
| F 16 | 22 16 31 | 2°29'43 | 22°44 | 18°36 | 20° 9 | 24°30 | 24°40 | 19°35 | 16°24 | 1° 7 | 9°59 | 12°18 | 12°33 | 26°10 | 7°44 | F 16 |
| S 17 | 22 20 28 | 3°27'49 | 5♎29 | 20°14 | 21°24 | 25° 8 | 24°37 | 19°39 | 16°25 | 1° 8 | 9°58 | 12°17 | 12°30 | 26°17 | 7°45 | S 17 |
| S 18 | 22 24 25 | 4°25'57 | 18°37 | 21°50 | 22°38 | 25°46 | 24°35 | 19°43 | 16°27 | 1° 8 | 9°57 | 12°16 | 12°27 | 26°24 | 7°47 | S 18 |
| M19 | 22 28 21 | 5°24'08 | 2♎ 8 | 23°25 | 23°52 | 26°24 | 24°32 | 19°47 | 16°29 | 1° 8 | 9°55 | 12°16 | 12°23 | 26°31 | 7°49 | M19 |
| T 20 | 22 32 18 | 6°22'20 | 16° 4 | 24°59 | 25° 6 | 27° 2 | 24°29 | 19°51 | 16°30 | 1° 8 | 9°54 | 12°15 | 12°20 | 26°37 | 7°51 | T 20 |
| W21 | 22 36 14 | 7°20'34 | 0♏21 | 26°32 | 26°21 | 27°41 | 24°26 | 19°54 | 16°32 | 1° 9 | 9°53 | 12°15 | 12°17 | 26°44 | 7°53 | W21 |
| T 22 | 22 40 11 | 8°18'49 | 14°55 | 28° 3 | 27°35 | 28°19 | 24°23 | 19°58 | 16°34 | 1° 9 | 9°52 | 12°D14 | 12°14 | 26°51 | 7°55 | T 22 |
| F 23 | 22 44 7 | 9°17'07 | 29°39 | 29°34 | 28°49 | 28°57 | 24°19 | 20° 1 | 16°36 | 1° 9 | 9°50 | 12°15 | 12°11 | 26°57 | 7°57 | F 23 |
| S 24 | 22 48 4 | 10°15'26 | 14♎27 | 1♎ 3 | 0♏ 4 | 29°35 | 24°15 | 20° 4 | 16°38 | 1° 9 | 9°49 | 12°15 | 12° 8 | 27° 4 | 7°59 | S 24 |
| S 25 | 22 52 0 | 11°13'47 | 29°12 | 2°31 | 1°18 | 0♏13 | 24°11 | 20° 7 | 16°40 | 1°R 9 | 9°48 | 12°15 | 12° 4 | 27°11 | 8° 1 | S 25 |
| M26 | 22 55 57 | 12°12'09 | 13♏48 | 3°57 | 2°33 | 0°52 | 24° 7 | 20°10 | 16°42 | 1° 9 | 9°47 | 12°R15 | 12° 1 | 27°17 | 8° 3 | M26 |
| T 27 | 22 59 53 | 13°10'33 | 28° 9 | 5°23 | 3°47 | 1°30 | 24° 3 | 20°13 | 16°44 | 1° 9 | 9°45 | 12°15 | 11°58 | 27°24 | 8° 6 | T 27 |
| W28 | 23 3 50 | 14° 8'59 | 12♎13 | 6°47 | 5° 2 | 2° 8 | 23°59 | 20°16 | 16°46 | 1° 9 | 9°44 | 12°D15 | 11°55 | 27°31 | 8° 8 | W28 |
| T 29 | 23 7 47 | 15° 7'26 | 25°59 | 8°10 | 6°16 | 2°46 | 23°54 | 20°19 | 16°48 | 1° 8 | 9°43 | 12°15 | 11°52 | 27°37 | 8°11 | T 29 |
| F 30 | 23 11 43 | 16° 5'55 | 9♎26 | 9°31 | 7°31 | 3°24 | 23°49 | 20°22 | 16°51 | 1° 8 | 9°42 | 12°15 | 11°49 | 27°44 | 8°14 | F 30 |
| S 31 | 23 15 40 | 17°14'26 | 22♎37 | 10♎51 | 8♏45 | 4♏ 2 | 23°Y44 | 20°II24 | 16°M53 | 1°II 8 | 9°K41 | 12°K16 | 11°K45 | 27°Y51 | 8♎17 | 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 | decl | decl | decl | decl | decl | decl | decl | decl | decl | decl | lat |
| T 1 | 15n28 | 27s53 | 5s14 | 15n59 | 1n45 | 20n28 | 0n39 | 17n29 | 1n 9 | 8n18 | 1s27 | 21n34 | 1s26 | 16s25 | 0n18 | 18n47 | 1s40 | 21s 9 | 14s34 | 6s54 | 6s34 | 12n40 | 16s22 | 5n19 | | | | | | | | | | |
| F 2 | 15 10 | 28 31 | 5 1 | 15 19 | 1 43 | 20 13 | 0 41 | 17 18 | 1 9 | 8 18 | 1 28 | 21 34 | 1 26 | 16 25 | 0 18 | 18 47 | 1 40 | 21 10 | 14 35 | 6 55 | 6 35 | 12 43 | 16 22 | 5 19 | | | | | | | | | | |
| S 3 | 14 52 | 27 25 | 4 32 | 14 38 | 1 41 | 19 58 | 0 43 | 17 7 | 1 9 | 8 18 | 1 28 | 21 35 | 1 26 | 16 25 | 0 18 | 18 47 | 1 40 | 21 11 | 14 35 | 6 56 | 6 36 | 12 46 | 16 23 | 5 19 | | | | | | | | | | |
| S 4 | 14 34 | 24 46 | 3 48 | 13 56 | 1 38 | 19 42 | 0 45 | 16 55 | 1 9 | 8 17 | 1 28 | 21 35 | 1 26 | 16 25 | 0 18 | 18 47 | 1 40 | 21 11 | 14 35 | 6 57 | 6 37 | 12 50 | 16 23 | 5 18 | | | | | | | | | | |
| M 5 | 14 15 | 20 53 | 2 54 | 13 14 | 1 35 | 19 26 | 0 47 | 16 44 | 1 9 | 8 17 | 1 28 | 21 36 | 1 26 | 16 26 | 0 18 | 18 47 | 1 40 | 21 12 | 14 35 | 6 58 | 6 39 | 12 53 | 16 24 | 5 18 | | | | | | | | | | |
| T 6 | 13 56 | 16 5 | 1 51 | 12 31 | 1 32 | 19 9 | 0 49 | 16 32 | 1 9 | 8 17 | 1 29 | 21 36 | 1 26 | 16 26 | 0 18 | 18 47 | 1 40 | 21 12 | 14 35 | 6 59 | 6 40 | 12 56 | 16 24 | 5 18 | | | | | | | | | | |
| W 7 | 13 37 | 10 41 | 0 44 | 11 47 | 1 27 | 18 52 | 0 51 | 16 20 | 1 9 | 8 17 | 1 29 | 21 36 | 1 26 | 16 26 | 0 18 | 18 47 | 1 40 | 21 13 | 14 35 | 6 59 | 6 41 | 12 59 | 16 24 | 5 17 | | | | | | | | | | |
| T 8 | 13 18 | 4 59 | 0n24 | 11 3 | 1 23 | 18 34 | 0 53 | 16 8 | 1 9 | 8 16 | 1 29 | 21 37 | 1 26 | 16 27 | 0 18 | 18 47 | 1 40 | 21 14 | 14 35 | 7 0 | 6 42 | 13 2 | 16 25 | 5 17 | | | | | | | | | | |
| F 9 | 12 58 | 0n49 | 1 29 | 10 19 | 1 18 | 18 15 | 0 55 | 15 56 | 1 9 | 8 16 | 1 29 | 21 37 | 1 26 | 16 27 | 0 18 | 18 47 | 1 40 | 21 14 | 14 35 | 6 59 | 6 43 | 13 5 | 16 25 | 5 17 | | | | | | | | | | |
| S 10 | 12 39 | 6 31 | 2 31 | 9 34 | 1 13 | 17 56 | 0 57 | 15 44 | 1 9 | 8 15 | 1 30 | 21 37 | 1 26 | 16 28 | 0 17 | 18 47 | 1 40 | 21 15 | 14 36 | 6 59 | 6 45 | 13 8 | 16 26 | 5 16 | | | | | | | | | | |
| S 11 | 12 19 | 11 56 | 3 25 | 8 49 | 1 7 | 17 37 | 0 59 | 15 32 | 1 9 | 8 14 | 1 30 | 21 37 | 1 27 | 16 28 | 0 17 | 18 47 | 1 40 | 21 15 | 14 36 | 6 58 | 6 46 | 13 11 | 16 26 | 5 16 | | | | | | | | | | |
| M12 | 11 59 | 16 54 | 4 10 | 8 4 | 1 2 | 17 17 | 1 1 | 15 19 | 1 9 | 8 14 | 1 30 | 21 38 | 1 27 | 16 28 | 0 17 | 18 47 | 1 40 | 21 16 | 14 36 | 6 58 | 6 47 | 13 14 | 16 27 | 5 16 | | | | | | | | | | |
| T 13 | 11 39 | 21 15 | 4 44 | 7 19 | 0 56 | 16 56 | 1 2 | 15 7 | 1 9 | 8 13 | 1 30 | 21 38 | 1 27 | 16 29 | 0 17 | 18 48 | 1 41 | 21 16 | 14 36 | 6 58 | 6 48 | 13 17 | 16 27 | 5 15 | | | | | | | | | | |
| W14 | 11 18 | 24 47 | 5 7 | 6 34 | 0 49 | 16 35 | 1 4 | 14 54 | 1 9 | 8 12 | 1 31 | 21 38 | 1 27 | 16 29 | 0 17 | 18 48 | 1 41 | 21 17 | 14 36 | 6 57 | 6 50 | 13 20 | 16 28 | 5 15 | | | | | | | | | | |
| T 15 | 10 57 | 27 16 | 5 17 | 5 49 | 0 43 | 16 14 | 1 5 | 14 42 | 1 9 | 8 11 | 1 31 | 21 39 | 1 27 | 16 30 | 0 17 | 18 48 | 1 41 | 21 18 | 14 36 | 6 57 | 6 51 | 13 23 | 16 29 | 5 15 | | | | | | | | | | |
| F 16 | 10 37 | 28 29 | 5 12 | 5 4 | 0 36 | 15 52 | 1 7 | 14 29 | 1 9 | 8 10 | 1 31 | 21 39 | 1 27 | 16 30 | 0 17 | 18 48 | 1 41 | 21 18 | 14 36 | 6 58 | 6 52 | 13 26 | 16 29 | 5 14 | | | | | | | | | | |
| S 17 | 10 16 | 28 14 | 4 51 | 4 19 | 0 29 | 15 29 | 1 8 | 14 16 | 1 9 | 8 9 | 1 31 | 21 39 | 1 27 | 16 31 | 0 17 | 18 48 | 1 41 | 21 19 | 14 36 | 6 58 | 6 53 | 13 29 | 16 30 | 5 14 | | | | | | | | | | |
| S 18 | 9 55 | 26 25 | 4 15 | 3 35 | 0 22 | 15 6 | 1 10 | 14 3 | 1 9 | 8 8 | 1 32 | 21 39 | 1 27 | 16 31 | 0 17 | 18 48 | 1 41 | 21 19 | 14 36 | 6 58 | 6 54 | 13 32 | 16 30 | 5 13 | | | | | | | | | | |
| M19 | 9 33 | 23 3 | 3 25 | 2 50 | 0 14 | 14 43 | 1 11 | 13 50 | 1 9 | 8 7 | 1 32 | 21 39 | 1 27 | 16 32 | 0 17 | 18 48 | 1 41 | 21 20 | 14 36 | 6 59 | 6 56 | 13 35 | 16 31 | 5 13 | | | | | | | | | | |
| T 20 | 9 12 | 18 17 | 2 20 | 2 6 | 0 7 | 14 19 | 1 13 | 13 37 | 1 9 | 8 5 | 1 32 | 21 40 | 1 27 | 16 32 | 0 17 | 18 48 | 1 41 | 21 20 | 14 36 | 6 59 | 6 57 | 13 38 | 16 32 | 5 13 | | | | | | | | | | |
| W21 | 8 50 | 12 24 | 1 6 | 1 22 | 0s 1 | 13 55 | 1 14 | 13 24 | 1 9 | 8 4 | 1 32 | 21 40 | 1 27 | 16 33 | 0 17 | 18 48 | 1 41 | 21 21 | 14 36 | 6 59 | 6 58 | 13 42 | 16 32 | 5 12 | | | | | | | | | | |
| T 22 | 8 28 | 5 44 | 0s15 | 0 39 | 0 9 | 13 31 | 1 15 | 13 11 | 1 9 | 8 2 | 1 32 | 21 40 | 1 27 | 16 33 | 0 17 | 18 48 | 1 41 | 21 21 | 14 37 | 6 59 | 6 59 | 13 45 | 16 33 | 5 12 | | | | | | | | | | |
| F 23 | 8 6 | 1s19 | 1 35 | 0s 4 | 0 16 | 13 6 | 1 16 | 12 57 | 1 9 | 8 1 | 1 33 | 21 40 | 1 27 | 16 34 | 0 17 | 18 47 | 1 41 | 21 22 | 14 37 | 6 59 | 7 1 | 13 48 | 16 34 | 5 12 | | | | | | | | | | |
| S 24 | 7 44 | 8 19 | 2 49 | 0 47 | 0 24 | 12 41 | 1 17 | 12 44 | 1 9 | 7 59 | 1 33 | 21 40 | 1 27 | 16 35 | 0 17 | 18 47 | 1 41 | 21 22 | 14 37 | 6 59 | 7 2 | 13 51 | 16 34 | 5 11 | | | | | | | | | | |
| S 25 | 7 22 | 14 50 | 3 52 | 1 30 | 0 32 | 12 15 | 1 18 | 12 30 | 1 9 | 7 58 | 1 33 | 21 41 | 1 28 | 16 35 | 0 17 | 18 47 | 1 41 | 21 23 | 14 37 | 6 59 | 7 3 | 13 54 | 16 35 | 5 11 | | | | | | | | | | |
| M26 | 7 0 | 20 27 | 4 39 | 2 12 | 0 40 | 11 49 | 1 19 | 12 17 | 1 9 | 7 56 | 1 33 | 21 41 | 1 28 | 16 36 | 0 17 | 18 47 | 1 41 | 21 23 | 14 37 | 6 59 | 7 4 | 13 57 | 16 36 | 5 11 | | | | | | | | | | |
| T 27 | 6 38 | 24 48 | 5 8 | 2 53 | 0 48 | 11 23 | 1 20 | 12 3 | 1 9 | 7 54 | 1 33 | 21 41 | 1 28 | 16 36 | 0 17 | 18 47 | 1 41 | 21 24 | 14 37 | 6 59 | 7 5 | 14 0 | 16 36 | 5 10 | | | | | | | | | | |
| W28 | 6 15 | 27 33 | 5 17 | 3 34 | 0 56 | 10 57 | 1 21 | 11 49 | 1 9 | 7 52 | 1 34 | 21 41 | 1 28 | 16 37 | 0 17 | 18 47 | 1 41 | 21 24 | 14 37 | 6 59 | 7 7 | 14 3 | 16 37 | 5 10 | | | | | | | | | | |
| T 29 | 5 53 | 28 34 | 5 8 | 4 14 | 1 5 | 10 30 | 1 22 | 11 35 | 1 9 | 7 51 | 1 34 | 21 41 | 1 28 | 16 38 | 0 17 | 18 47 | 1 41 | 21 25 | 14 37 | 6 59 | 7 8 | 14 6 | 16 38 | 5 10 | | | | | | | | | | |
| F 30 | 5 30 | 27 51 | 4 42 | 4 54 | 1 13 | 10 3 | 1 22 | 11 22 | 1 9 | 7 49 | 1 34 | 21 41 | 1 28 | 16 38 | 0 17 | 18 47 | 1 41 | 21 25 | 14 37 | 6 59 | 7 9 | 14 9 | 16 39 | 5 9 | | | | | | | | | | |
| S 31 | 5n 7 | 25s34 | 4s 2 | 5s33 | 1s21 | 9n35 | 1n23 | 11n 8 | 1n 9 | 7n47 | 1s34 | 21n41 | 1s28 | 16s39 | 0n17 | 18n47 | 1s41 | 21s26 | 14s37 | 6s59 | 7s10 | 14n12 | 16s39 | 5n 9 | | | | | | | | | | |

ASTRODIENST EPHEMERIS for the year 1560

geocentric

SEPTEMBER 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|------------------------|---------------------|---------------------|---------------------|--------------------|--------|---------------------|---------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|------|
| S 1 | 23 19 36 | 18 ¹⁷ 2'58 | 5 ³³ 31 | 12 ¹⁰ 10 | 10 ¹⁷ 0 | 4 ¹⁷ 41 | 23°R39 | 20 ¹¹ 27 | 16 ¹⁸ 55 | 1°R 8 | 9°R39 | 12 ¹⁶ 16 | 11 ¹⁶ 42 | 27 ¹⁷ 57 | 8 ²⁷ 20 | S 1 |
| M 2 | 23 23 33 | 19° 1'32 | 18°12 | 13°28 | 11°14 | 5°19 | 23°Y34 | 20°29 | 16°58 | 1 ^{II} 8 | 9 ^{II} 38 | 12°17 | 11°39 | 28° 4 | 8°23 | M 2 |
| T 3 | 23 27 29 | 20° 0'08 | 0 ^{II} 39 | 14°43 | 12°29 | 5°57 | 23°28 | 20°31 | 17° 0 | 1° 7 | 9°37 | 12°17 | 11°36 | 28°11 | 8°26 | T 3 |
| W 4 | 23 31 26 | 20°58'45 | 12°56 | 15°58 | 13°44 | 6°35 | 23°23 | 20°34 | 17° 2 | 1° 7 | 9°36 | 12°R17 | 11°33 | 28°17 | 8°29 | W 4 |
| T 5 | 23 35 22 | 21°57'25 | 25° 4 | 17°10 | 14°58 | 7°13 | 23°17 | 20°36 | 17° 5 | 1° 7 | 9°34 | 12°17 | 11°29 | 28°24 | 8°32 | T 5 |
| F 6 | 23 39 19 | 22°56'06 | 7°Y 4 | 18°21 | 16°13 | 7°51 | 23°11 | 20°38 | 17° 7 | 1° 6 | 9°33 | 12°16 | 11°26 | 28°31 | 8°35 | F 6 |
| S 7 | 23 43 16 | 23°54'50 | 18°58 | 19°30 | 17°28 | 8°30 | 23° 5 | 20°39 | 17°10 | 1° 6 | 9°32 | 12°15 | 11°23 | 28°38 | 8°39 | S 7 |
| S 8 | 23 47 12 | 24°53'35 | 0 ^{II} 49 | 20°37 | 18°43 | 9° 8 | 22°59 | 20°41 | 17°13 | 1° 5 | 9°31 | 12°13 | 11°20 | 28°44 | 8°42 | S 8 |
| M 9 | 23 51 9 | 25°52'23 | 12°38 | 21°42 | 19°57 | 9°46 | 22°52 | 20°43 | 17°15 | 1° 5 | 9°30 | 12°11 | 11°17 | 28°51 | 8°46 | M 9 |
| T 10 | 23 55 5 | 26°51'13 | 24°30 | 22°45 | 21°12 | 10°24 | 22°46 | 20°44 | 17°18 | 1° 4 | 9°28 | 12° 9 | 11°14 | 28°58 | 8°49 | T 10 |
| W11 | 23 59 2 | 27°50'05 | 6 ^{II} 28 | 23°45 | 22°27 | 11° 2 | 22°39 | 20°46 | 17°21 | 1° 4 | 9°27 | 12° 7 | 11°10 | 29° 4 | 8°53 | W11 |
| T 12 | 0 2 58 | 28°49'00 | 18°36 | 24°43 | 23°42 | 11°40 | 22°33 | 20°47 | 17°23 | 1° 3 | 9°26 | 12° 6 | 11° 7 | 29°11 | 8°57 | T 12 |
| F 13 | 0 6 55 | 29°47'57 | 0 ^{II} 58 | 25°37 | 24°57 | 12°19 | 22°26 | 20°48 | 17°26 | 1° 3 | 9°25 | 12°D 6 | 11° 4 | 29°18 | 9° 1 | F 13 |
| S 14 | 0 10 51 | 0 ^{II} 46'56 | 13°38 | 26°29 | 26°11 | 12°57 | 22°19 | 20°49 | 17°29 | 1° 2 | 9°24 | 12° 6 | 11° 1 | 29°24 | 9° 5 | S 14 |
| S 15 | 0 14 48 | 1°45'58 | 26°41 | 27°18 | 27°26 | 13°35 | 22°12 | 20°50 | 17°32 | 1° 1 | 9°23 | 12° 8 | 10°58 | 29°31 | 9° 9 | S 15 |
| M16 | 0 18 45 | 2°45'02 | 10 ^{II} 9 | 28° 3 | 28°41 | 14°13 | 22° 5 | 20°51 | 17°35 | 1° 1 | 9°22 | 12° 9 | 10°55 | 29°38 | 9°13 | M16 |
| T 17 | 0 22 41 | 3°44'08 | 24° 4 | 28°44 | 29°56 | 14°52 | 21°57 | 20°52 | 17°37 | 1° 0 | 9°20 | 12°10 | 10°51 | 29°44 | 9°17 | T 17 |
| W18 | 0 26 38 | 4°43'17 | 8 ^{II} 25 | 29°21 | 1 ^{II} 11 | 15°30 | 21°50 | 20°53 | 17°40 | 0°59 | 9°19 | 12°R11 | 10°48 | 29°51 | 9°21 | W18 |
| T 19 | 0 30 34 | 5°42'27 | 23° 9 | 29°53 | 2°26 | 16° 8 | 21°42 | 20°53 | 17°43 | 0°59 | 9°18 | 12°11 | 10°45 | 29°58 | 9°25 | T 19 |
| F 20 | 0 34 31 | 6°41'40 | 8 ^{II} 10 | 0 ^{II} 20 | 3°41 | 16°46 | 21°35 | 20°54 | 17°46 | 0°58 | 9°17 | 12° 9 | 10°42 | 0 ^{II} 4 | 9°30 | F 20 |
| S 21 | 0 38 27 | 7°40'55 | 23°20 | 0°42 | 4°56 | 17°24 | 21°27 | 20°54 | 17°49 | 0°57 | 9°16 | 12° 7 | 10°39 | 0°11 | 9°34 | S 21 |
| S 22 | 0 42 24 | 8°40'11 | 8 ^{II} 28 | 0°58 | 6°11 | 18° 3 | 21°19 | 20°54 | 17°52 | 0°56 | 9°15 | 12° 3 | 10°35 | 0°18 | 9°39 | S 22 |
| M23 | 0 46 20 | 9°39'30 | 23°25 | 1° 7 | 7°26 | 18°41 | 21°12 | 20°R54 | 17°56 | 0°55 | 9°14 | 11°59 | 10°32 | 0°25 | 9°43 | M23 |
| T 24 | 0 50 17 | 10°38'51 | 8 ^{II} 3 | 1°R 9 | 8°41 | 19°19 | 21° 4 | 20°54 | 17°59 | 0°54 | 9°13 | 11°56 | 10°29 | 0°31 | 9°48 | T 24 |
| W25 | 0 54 14 | 11°38'13 | 22°18 | 1° 4 | 9°56 | 19°57 | 20°56 | 20°54 | 18° 2 | 0°53 | 9°12 | 11°53 | 10°26 | 0°38 | 9°53 | W25 |
| T 26 | 0 58 10 | 12°37'38 | 6 ^{II} 7 | 0°51 | 11°11 | 20°36 | 20°48 | 20°54 | 18° 5 | 0°52 | 9°11 | 11°52 | 10°23 | 0°45 | 9°58 | T 26 |
| F 27 | 1 2 7 | 13°37'04 | 19°32 | 0°30 | 12°26 | 21°14 | 20°40 | 20°53 | 18° 8 | 0°51 | 9°10 | 11°D52 | 10°20 | 0°51 | 10° 2 | F 27 |
| S 28 | 1 6 3 | 14°36'31 | 2 ^{II} 33 | 0° 1 | 13°42 | 21°52 | 20°32 | 20°53 | 18°11 | 0°50 | 9° 9 | 11°53 | 10°16 | 0°58 | 10° 7 | S 28 |
| S 29 | 1 10 0 | 15°36'01 | 15°15 | 29 ^{II} 23 | 14°57 | 22°30 | 20°24 | 20°52 | 18°15 | 0°49 | 9° 8 | 11°54 | 10°13 | 1° 5 | 10°12 | S 29 |
| M30 | 1 13 56 | 16 ^{II} 35'32 | 27 ^{II} 41 | 28 ^{II} 37 | 16 ^{II} 12 | 23 ^{II} 9 | 20°Y16 | 20 ^{II} 52 | 18 ^{II} 18 | 0 ^{II} 48 | 9 ^{II} 7 | 11 ^{II} 56 | 10 ^{II} 10 | 1 ^{II} 11 | 10 ^{II} 17 | M30 |

| Day | ☉ | ☾ | | ♂ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|------|-------|------|-------|------|------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|------|-------|-------|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| S 1 | 4n44 | 22s 0 | 3s10 | 6s11 | 1s29 | 9n 8 | 1n23 | 10n54 | 1n 9 | 7n45 | 1s34 | 21n41 | 1s28 | 16s40 | 0n17 | 18n47 | 1s42 | 21s26 | 14s37 | 6s59 | 7s11 | 14n15 | 16s40 | 5n 9 | |
| M 2 | 4 21 | 17 28 | 2 10 | 6 49 | 1 37 | 8 40 | 1 24 | 10 40 | 1 9 | 7 42 | 1 35 | 21 41 | 1 28 | 16 40 | 0 17 | 18 47 | 1 42 | 21 27 | 14 37 | 6 58 | 7 13 | 14 18 | 16 41 | 5 8 | |
| T 3 | 3 58 | 12 16 | 1 4 | 7 26 | 1 45 | 8 11 | 1 24 | 10 25 | 1 9 | 7 40 | 1 35 | 21 42 | 1 28 | 16 41 | 0 17 | 18 47 | 1 42 | 21 27 | 14 37 | 6 58 | 7 14 | 14 21 | 16 42 | 5 8 | |
| W 4 | 3 35 | 6 40 | 0n 4 | 8 2 | 1 53 | 7 43 | 1 25 | 10 11 | 1 9 | 7 38 | 1 35 | 21 42 | 1 28 | 16 42 | 0 17 | 18 47 | 1 42 | 21 27 | 14 37 | 6 58 | 7 15 | 14 24 | 16 42 | 5 8 | |
| T 5 | 3 12 | 0 54 | 1 10 | 8 37 | 2 0 | 7 14 | 1 25 | 9 57 | 1 9 | 7 36 | 1 35 | 21 42 | 1 28 | 16 42 | 0 17 | 18 46 | 1 42 | 21 28 | 14 36 | 6 58 | 7 16 | 14 27 | 16 43 | 5 7 | |
| F 6 | 2 49 | 4n51 | 2 13 | 9 11 | 2 8 | 6 46 | 1 25 | 9 43 | 1 9 | 7 34 | 1 35 | 21 42 | 1 29 | 16 43 | 0 17 | 18 46 | 1 42 | 21 28 | 14 36 | 6 58 | 7 18 | 14 30 | 16 44 | 5 7 | |
| S 7 | 2 25 | 10 22 | 3 9 | 9 44 | 2 16 | 6 17 | 1 25 | 9 28 | 1 9 | 7 31 | 1 35 | 21 42 | 1 29 | 16 44 | 0 17 | 18 46 | 1 42 | 21 29 | 14 36 | 6 59 | 7 19 | 14 33 | 16 45 | 5 7 | |
| S 8 | 2 2 | 15 29 | 3 57 | 10 17 | 2 23 | 5 47 | 1 26 | 9 14 | 1 9 | 7 29 | 1 35 | 21 42 | 1 29 | 16 45 | 0 17 | 18 46 | 1 42 | 21 29 | 14 36 | 7 0 | 7 20 | 14 36 | 16 46 | 5 6 | |
| M 9 | 1 39 | 20 2 | 4 35 | 10 48 | 2 30 | 5 18 | 1 26 | 8 59 | 1 9 | 7 26 | 1 36 | 21 42 | 1 29 | 16 45 | 0 17 | 18 46 | 1 42 | 21 30 | 14 36 | 7 0 | 7 21 | 14 39 | 16 47 | 5 6 | |
| T 10 | 1 15 | 23 48 | 5 1 | 11 18 | 2 37 | 4 48 | 1 26 | 8 45 | 1 9 | 7 24 | 1 36 | 21 42 | 1 29 | 16 46 | 0 17 | 18 46 | 1 42 | 21 30 | 14 36 | 7 1 | 7 22 | 14 41 | 16 47 | 5 6 | |
| W11 | 0 52 | 26 36 | 5 14 | 11 46 | 2 44 | 4 19 | 1 25 | 8 30 | 1 9 | 7 21 | 1 36 | 21 42 | 1 29 | 16 47 | 0 17 | 18 46 | 1 42 | 21 30 | 14 36 | 7 2 | 7 24 | 14 44 | 16 48 | 5 6 | |
| T 12 | 0 28 | 28 13 | 5 14 | 12 14 | 2 50 | 3 49 | 1 25 | 8 16 | 1 9 | 7 19 | 1 36 | 21 42 | 1 29 | 16 48 | 0 17 | 18 45 | 1 42 | 21 31 | 14 36 | 7 2 | 7 25 | 14 47 | 16 49 | 5 5 | |
| F 13 | 0 5 | 28 29 | 4 59 | 12 40 | 2 56 | 3 19 | 1 25 | 8 1 | 1 9 | 7 16 | 1 36 | 21 42 | 1 29 | 16 49 | 0 17 | 18 45 | 1 42 | 21 31 | 14 36 | 7 2 | 7 26 | 14 50 | 16 50 | 5 5 | |
| S 14 | 0s19 | 27 16 | 4 29 | 13 4 | 3 2 | 2 49 | 1 25 | 7 46 | 1 9 | 7 13 | 1 36 | 21 42 | 1 29 | 16 49 | 0 17 | 18 45 | 1 42 | 21 31 | 14 36 | 7 2 | 7 27 | 14 53 | 16 51 | 5 5 | |
| S 15 | 0 42 | 24 33 | 3 45 | 13 27 | 3 7 | 2 19 | 1 24 | 7 31 | 1 9 | 7 11 | 1 36 | 21 42 | 1 29 | 16 50 | 0 17 | 18 45 | 1 42 | 21 32 | 14 36 | 7 2 | 7 28 | 14 56 | 16 52 | 5 4 | |
| M16 | 1 6 | 20 26 | 2 48 | 13 48 | 3 12 | 1 48 | 1 24 | 7 17 | 1 9 | 7 8 | 1 36 | 21 42 | 1 29 | 16 51 | 0 17 | 18 45 | 1 42 | 21 32 | 14 36 | 7 1 | 7 30 | 14 59 | 16 53 | 5 4 | |
| T 17 | 1 29 | 15 5 | 1 38 | 14 7 | 3 17 | 1 18 | 1 24 | 7 2 | 1 8 | 7 5 | 1 36 | 21 42 | 1 29 | 16 52 | 0 17 | 18 45 | 1 42 | 21 32 | 14 35 | 7 1 | 7 31 | 15 2 | 16 53 | 5 4 | |
| W18 | 1 53 | 8 45 | 0 21 | 14 23 | 3 20 | 0 48 | 1 23 | 6 47 | 1 8 | 7 2 | 1 36 | 21 42 | 1 29 | 16 53 | 0 17 | 18 44 | 1 42 | 21 33 | 14 35 | 7 0 | 7 32 | 15 5 | 16 54 | 5 3 | |
| T 19 | 2 16 | 1 48 | 1s 0 | 14 38 | 3 24 | 0 17 | 1 22 | 6 32 | 1 8 | 6 59 | 1 37 | 21 42 | 1 30 | 16 54 | 0 17 | 18 44 | 1 42 | 21 33 | 14 35 | 7 1 | 7 33 | 15 8 | 16 55 | 5 3 | |
| F 20 | 2 40 | 5s22 | 2 18 | 14 50 | 3 26 | 0s13 | 1 22 | 6 17 | 1 8 | 6 56 | 1 37 | 21 42 | 1 30 | 16 54 | 0 17 | 18 44 | 1 42 | 21 33 | 14 35 | 7 1 | 7 34 | 15 11 | 16 56 | 5 3 | |
| S 21 | 3 3 | 12 17 | 3 27 | 14 59 | 3 28 | 0 44 | 1 21 | 6 2 | 1 8 | 6 54 | 1 37 | 21 42 | 1 30 | 16 55 | 0 17 | 18 44 | 1 42 | 21 34 | 14 35 | 7 2 | 7 36 | 15 14 | 16 57 | 5 3 | |
| S 22 | 3 27 | 18 29 | 4 21 | 15 5 | 3 28 | 1 14 | 1 20 | 5 47 | 1 8 | 6 51 | 1 37 | 21 42 | 1 30 | 16 56 | 0 17 | 18 43 | 1 43 | 21 34 | 14 35 | 7 3 | 7 37 | 15 17 | 16 58 | 5 2 | |
| M23 | 3 50 | 23 28 | 4 57 | 15 8 | 3 28 | 1 45 | 1 19 | 5 32 | 1 8 | 6 48 | 1 37 | 21 41 | 1 30 | 16 57 | 0 17 | 18 43 | 1 43 | 21 34 | 14 35 | 7 5 | 7 38 | 15 20 | 16 59 | 5 2 | |
| T 24 | 4 14 | 26 51 | 5 12 | 15 8 | 3 27 | 2 15 | 1 18 | 5 17 | 1 8 | 6 45 | 1 37 | 21 41 | 1 30 | 16 58 | 0 17 | 18 43 | 1 43 | 21 34 | 14 35 | 7 6 | 7 39 | 15 23 | 17 0 | 5 2 | |
| W25 | 4 37 | 28 24 | 5 8 | 15 3 | 3 24 | 2 46 | 1 17 | 5 1 | 1 8 | 6 42 | 1 37 | 21 41 | 1 30 | 16 59 | 0 17 | 18 43 | 1 43 | 21 35 | 14 34 | 7 7 | 7 40 | 15 25 | 17 1 | 5 2 | |
| T 26 | 5 0 | 28 7 | 4 46 | 14 55 | 3 20 | 3 16 | 1 16 | 4 46 | 1 8 | 6 39 | 1 37 | 21 41 | 1 30 | 17 0 | 0 17 | 18 43 | 1 43 | 21 35 | 14 34 | 7 8 | 7 42 | 15 28 | 17 2 | 5 1 | |
| F 27 | 5 23 | 26 10 | 4 8 | 14 42 | 3 14 | 3 46 | 1 15 | 4 31 | 1 8 | 6 36 | 1 37 | 21 41 | 1 30 | 17 1 | 0 16 | 18 42 | 1 43 | 21 35 | 14 34 | 7 8 | 7 43 | 15 31 | 17 3 | 5 1 | |
| S 28 | 5 46 | 22 52 | 3 19 | 14 25 | 3 7 | 4 17 | 1 14 | 4 16 | 1 7 | 6 33 | 1 37 | 21 41 | 1 30 | 17 2 | 0 16 | 18 42 | 1 43 | 21 35 | 14 34 | 7 7 | 7 44 | 15 34 | 17 4 | 5 1 | |
| S 29 | 6 9 | 18 33 | 2 21 | 14 3 | 3 28 | 4 47 | 1 13 | 4 1 | 1 7 | 6 30 | 1 37 | 21 41 | 1 30 | 17 2 | 0 16 | 18 42 | 1 43 | 21 36 | 14 34 | 7 7 | 7 45 | 15 37 | 17 4 | 5 1 | |
| M30 | 6s32 | 13s31 | 1s17 | 13s37 | 2s47 | 5s17 | 1n12 | 3n45 | 1n 7 | 6n27 | 1s37 | 21n41 | 1s30 | 17s 3 | 0n16 | 18n42 | 1s43 | 21s36 | 14s33 | 7s 6 | 7s46 | 15n40 | 17s 5 | 5n 0 | |

ASTRODIENST EPHEMERIS for the year 1560

geocentric

OCTOBER 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|-----------------------|---------------------|---------------------|--------------------|--------------------|---------------------|----------------------|--------------------|---------------------|--------------------|---------------------|-------------------|--------------------|--------------------|------|
| T 1 | 1 17 53 | 17 [♂] 35'05 | 9 [♂] 54 | 27 [♂] R43 | 17 [♂] 27 | 23 [♂] 47 | 20 [♂] R 8 | 20 [♂] R51 | 18 [♂] 21 | 0 [♂] R47 | 9 [♂] R 6 | 11 [♂] R57 | 10 [♂] 7 | 1 [♂] 818 | 10 [♂] 23 | T 1 |
| W 2 | 1 21 49 | 18 [♂] 34'40 | 21 [♂] 58 | 26 [♂] 42 | 18 [♂] 42 | 24 [♂] 25 | 20 [♂] Y 0 | 20 [♂] II50 | 18 [♂] 25 | 0 [♂] II46 | 9 [♂] 5 | 11 [♂] 56 | 10 [♂] 4 | 1 [♂] 25 | 10 [♂] 28 | W 2 |
| T 3 | 1 25 46 | 19 [♂] 34'17 | 3 [♂] Y55 | 25 [♂] 35 | 19 [♂] 57 | 25 [♂] 4 | 19 [♂] 51 | 20 [♂] 49 | 18 [♂] 28 | 0 [♂] 45 | 9 [♂] 4 | 11 [♂] 54 | 10 [♂] 0 | 1 [♂] 31 | 10 [♂] 33 | T 3 |
| F 4 | 1 29 43 | 20 [♂] 33'55 | 15 [♂] 49 | 24 [♂] 23 | 21 [♂] 12 | 25 [♂] 42 | 19 [♂] 43 | 20 [♂] 48 | 18 [♂] 31 | 0 [♂] 43 | 9 [♂] 3 | 11 [♂] 50 | 9 [♂] 57 | 1 [♂] 38 | 10 [♂] 38 | F 4 |
| S 5 | 1 33 39 | 21 [♂] 33'36 | 27 [♂] 40 | 23 [♂] 9 | 22 [♂] 27 | 26 [♂] 20 | 19 [♂] 35 | 20 [♂] 47 | 18 [♂] 35 | 0 [♂] 42 | 9 [♂] 3 | 11 [♂] 44 | 9 [♂] 54 | 1 [♂] 45 | 10 [♂] 44 | S 5 |
| S 6 | 1 37 36 | 22 [♂] 33'19 | 9 [♂] 30 | 21 [♂] 53 | 23 [♂] 43 | 26 [♂] 58 | 19 [♂] 27 | 20 [♂] 45 | 18 [♂] 38 | 0 [♂] 41 | 9 [♂] 2 | 11 [♂] 36 | 9 [♂] 51 | 1 [♂] 52 | 10 [♂] 49 | S 6 |
| M 7 | 1 41 32 | 23 [♂] 33'04 | 21 [♂] 22 | 20 [♂] 40 | 24 [♂] 58 | 27 [♂] 37 | 19 [♂] 19 | 20 [♂] 44 | 18 [♂] 42 | 0 [♂] 40 | 9 [♂] 1 | 11 [♂] 28 | 9 [♂] 48 | 1 [♂] 58 | 10 [♂] 54 | M 7 |
| T 8 | 1 45 29 | 24 [♂] 32'51 | 3 [♂] II17 | 19 [♂] 30 | 26 [♂] 13 | 28 [♂] 15 | 19 [♂] 11 | 20 [♂] 42 | 18 [♂] 45 | 0 [♂] 38 | 9 [♂] 0 | 11 [♂] 20 | 9 [♂] 45 | 2 [♂] 5 | 11 [♂] 0 | T 8 |
| W 9 | 1 49 25 | 25 [♂] 32'40 | 15 [♂] 18 | 18 [♂] 26 | 27 [♂] 28 | 28 [♂] 53 | 19 [♂] 3 | 20 [♂] 40 | 18 [♂] 49 | 0 [♂] 37 | 8 [♂] 59 | 11 [♂] 13 | 9 [♂] 41 | 2 [♂] 12 | 11 [♂] 6 | W 9 |
| T 10 | 1 53 22 | 26 [♂] 32'32 | 27 [♂] 27 | 17 [♂] 30 | 28 [♂] 43 | 29 [♂] 32 | 18 [♂] 55 | 20 [♂] 39 | 18 [♂] 52 | 0 [♂] 36 | 8 [♂] 59 | 11 [♂] 7 | 9 [♂] 38 | 2 [♂] 18 | 11 [♂] 11 | T 10 |
| F 11 | 1 57 18 | 27 [♂] 32'25 | 9 [♂] 348 | 16 [♂] 44 | 29 [♂] 58 | 0 [♂] 10 | 18 [♂] 47 | 20 [♂] 37 | 18 [♂] 56 | 0 [♂] 34 | 8 [♂] 58 | 11 [♂] 3 | 9 [♂] 35 | 2 [♂] 25 | 11 [♂] 17 | F 11 |
| S 12 | 2 1 15 | 28 [♂] 32'21 | 22 [♂] 24 | 16 [♂] 8 | 1 [♂] 14 | 0 [♂] 48 | 18 [♂] 39 | 20 [♂] 35 | 18 [♂] 59 | 0 [♂] 33 | 8 [♂] 57 | 11 [♂] 1 | 9 [♂] 32 | 2 [♂] 32 | 11 [♂] 23 | S 12 |
| S 13 | 2 5 12 | 29 [♂] 32'19 | 5 [♂] 19 | 15 [♂] 43 | 2 [♂] 29 | 1 [♂] 27 | 18 [♂] 31 | 20 [♂] 33 | 19 [♂] 3 | 0 [♂] 32 | 8 [♂] 56 | 11 [♂] D 1 | 9 [♂] 29 | 2 [♂] 38 | 11 [♂] 28 | S 13 |
| M14 | 2 9 8 | 0 [♂] 132'19 | 18 [♂] 38 | 15 [♂] 30 | 3 [♂] 44 | 2 [♂] 5 | 18 [♂] 23 | 20 [♂] 31 | 19 [♂] 6 | 0 [♂] 30 | 8 [♂] 56 | 11 [♂] 2 | 9 [♂] 26 | 2 [♂] 45 | 11 [♂] 34 | M14 |
| T 15 | 2 13 5 | 1 [♂] 32'22 | 2 [♂] 22 | 15 [♂] D28 | 4 [♂] 59 | 2 [♂] 43 | 18 [♂] 16 | 20 [♂] 28 | 19 [♂] 10 | 0 [♂] 29 | 8 [♂] 55 | 11 [♂] 3 | 9 [♂] 22 | 2 [♂] 52 | 11 [♂] 40 | T 15 |
| W16 | 2 17 1 | 2 [♂] 32'26 | 16 [♂] 34 | 15 [♂] 37 | 6 [♂] 15 | 3 [♂] 22 | 18 [♂] 8 | 20 [♂] 26 | 19 [♂] 13 | 0 [♂] 27 | 8 [♂] 54 | 11 [♂] R 3 | 9 [♂] 19 | 2 [♂] 58 | 11 [♂] 46 | W16 |
| T 17 | 2 20 58 | 3 [♂] 32'33 | 1 [♂] 13 | 15 [♂] 57 | 7 [♂] 30 | 4 [♂] 0 | 18 [♂] 1 | 20 [♂] 23 | 19 [♂] 17 | 0 [♂] 26 | 8 [♂] 54 | 11 [♂] 2 | 9 [♂] 16 | 3 [♂] 5 | 11 [♂] 52 | T 17 |
| F 18 | 2 24 54 | 4 [♂] 32'42 | 16 [♂] 14 | 16 [♂] 26 | 8 [♂] 45 | 4 [♂] 38 | 17 [♂] 53 | 20 [♂] 21 | 19 [♂] 21 | 0 [♂] 24 | 8 [♂] 53 | 10 [♂] 58 | 9 [♂] 13 | 3 [♂] 12 | 11 [♂] 58 | F 18 |
| S 19 | 2 28 51 | 5 [♂] 32'52 | 1 [♂] 29 | 17 [♂] 5 | 10 [♂] 0 | 5 [♂] 17 | 17 [♂] 46 | 20 [♂] 18 | 19 [♂] 24 | 0 [♂] 23 | 8 [♂] 52 | 10 [♂] 51 | 9 [♂] 10 | 3 [♂] 19 | 12 [♂] 4 | S 19 |
| S 20 | 2 32 47 | 6 [♂] 33'05 | 1 [♂] 48 | 17 [♂] 52 | 11 [♂] 16 | 5 [♂] 55 | 17 [♂] 38 | 20 [♂] 15 | 19 [♂] 28 | 0 [♂] 21 | 8 [♂] 52 | 10 [♂] 43 | 9 [♂] 6 | 3 [♂] 25 | 12 [♂] 10 | S 20 |
| M21 | 2 36 44 | 7 [♂] 33'19 | 2 [♂] 7 0 | 18 [♂] 45 | 12 [♂] 31 | 6 [♂] 34 | 17 [♂] 31 | 20 [♂] 12 | 19 [♂] 32 | 0 [♂] 20 | 8 [♂] 51 | 10 [♂] 34 | 9 [♂] 3 | 3 [♂] 32 | 12 [♂] 16 | M21 |
| T 22 | 2 40 41 | 8 [♂] 33'35 | 16 [♂] 54 | 19 [♂] 46 | 13 [♂] 46 | 7 [♂] 12 | 17 [♂] 24 | 20 [♂] 9 | 19 [♂] 35 | 0 [♂] 18 | 8 [♂] 51 | 10 [♂] 25 | 9 [♂] 0 | 3 [♂] 39 | 12 [♂] 22 | T 22 |
| W23 | 2 44 37 | 9 [♂] 33'53 | 1 [♂] 33 | 20 [♂] 51 | 15 [♂] 2 | 7 [♂] 50 | 17 [♂] 17 | 20 [♂] 6 | 19 [♂] 39 | 0 [♂] 17 | 8 [♂] 50 | 10 [♂] 18 | 8 [♂] 57 | 3 [♂] 45 | 12 [♂] 29 | W23 |
| T 24 | 2 48 34 | 10 [♂] 34'12 | 15 [♂] 23 | 22 [♂] 2 | 16 [♂] 17 | 8 [♂] 29 | 17 [♂] 10 | 20 [♂] 3 | 19 [♂] 43 | 0 [♂] 15 | 8 [♂] 50 | 10 [♂] 13 | 8 [♂] 54 | 3 [♂] 52 | 12 [♂] 35 | T 24 |
| F 25 | 2 52 30 | 11 [♂] 34'33 | 28 [♂] 53 | 23 [♂] 17 | 17 [♂] 32 | 9 [♂] 7 | 17 [♂] 4 | 20 [♂] 0 | 19 [♂] 46 | 0 [♂] 14 | 8 [♂] 49 | 10 [♂] 10 | 8 [♂] 51 | 3 [♂] 59 | 12 [♂] 41 | F 25 |
| S 26 | 2 56 27 | 12 [♂] 34'55 | 11 [♂] 55 | 24 [♂] 35 | 18 [♂] 47 | 9 [♂] 46 | 16 [♂] 57 | 19 [♂] 57 | 19 [♂] 50 | 0 [♂] 12 | 8 [♂] 49 | 10 [♂] D 9 | 8 [♂] 47 | 4 [♂] 5 | 12 [♂] 48 | S 26 |
| S 27 | 3 0 23 | 13 [♂] 35'18 | 24 [♂] 34 | 25 [♂] 56 | 20 [♂] 3 | 10 [♂] 24 | 16 [♂] 51 | 19 [♂] 53 | 19 [♂] 54 | 0 [♂] 10 | 8 [♂] 49 | 10 [♂] 10 | 8 [♂] 44 | 4 [♂] 12 | 12 [♂] 54 | S 27 |
| M28 | 3 4 20 | 14 [♂] 35'43 | 6 [♂] 54 | 27 [♂] 19 | 21 [♂] 18 | 11 [♂] 2 | 16 [♂] 44 | 19 [♂] 50 | 19 [♂] 57 | 0 [♂] 9 | 8 [♂] 48 | 10 [♂] R10 | 8 [♂] 41 | 4 [♂] 19 | 13 [♂] 0 | M28 |
| T 29 | 3 8 16 | 15 [♂] 36'09 | 19 [♂] 0 | 28 [♂] 45 | 22 [♂] 33 | 11 [♂] 41 | 16 [♂] 38 | 19 [♂] 46 | 20 [♂] 1 | 0 [♂] 7 | 8 [♂] 48 | 10 [♂] 10 | 8 [♂] 38 | 4 [♂] 26 | 13 [♂] 7 | T 29 |
| W30 | 3 12 13 | 16 [♂] 36'36 | 0 [♂] Y57 | 0 [♂] 13 | 23 [♂] 48 | 12 [♂] 19 | 16 [♂] 32 | 19 [♂] 42 | 20 [♂] 5 | 0 [♂] 6 | 8 [♂] 47 | 10 [♂] 8 | 8 [♂] 35 | 4 [♂] 32 | 13 [♂] 13 | W30 |
| T 31 | 3 16 10 | 17 [♂] 37'05 | 12 [♂] Y49 | 1 [♂] 42 | 25 [♂] 4 | 12 [♂] 58 | 16 [♂] Y26 | 19 [♂] II39 | 20 [♂] 9 | 0 [♂] II 4 | 8 [♂] 47 | 10 [♂] 3 | 8 [♂] 32 | 4 [♂] 39 | 13 [♂] 20 | T 31 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|-------|-------|------|-------|------|-------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|------|-------|-------|------|-----|------|-----|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| T 1 | 6s55 | 8s 3 | 0s11 | 13s 5 | 2s35 | 5s47 | 1n10 | 3n30 | 1n 7 | 6n24 | 1s37 | 21n41 | 1s30 | 17s 4 | 0n16 | 18n41 | 1s43 | 21s36 | 14s33 | 7s 6 | 7s48 | 15n43 | 17s 6 | 5n 0 | | | | | |
| W 2 | 7 18 | 2 22 | 0n54 | 12 30 | 2 20 | 6 17 | 1 9 | 3 15 | 1 7 | 6 21 | 1 37 | 21 41 | 1 31 | 17 5 | 0 16 | 18 41 | 1 43 | 21 36 | 14 33 | 7 6 | 7 49 | 15 46 | 17 7 | 5 0 | | | | | |
| T 3 | 7 41 | 3n21 | 1 57 | 11 50 | 2 4 | 6 47 | 1 8 | 2 59 | 1 7 | 6 18 | 1 37 | 21 40 | 1 31 | 17 6 | 0 16 | 18 41 | 1 43 | 21 36 | 14 33 | 7 7 | 7 50 | 15 49 | 17 8 | 5 0 | | | | | |
| F 4 | 8 3 | 8 54 | 2 54 | 11 7 | 1 46 | 7 16 | 1 6 | 2 44 | 1 7 | 6 15 | 1 37 | 21 40 | 1 31 | 17 7 | 0 16 | 18 40 | 1 43 | 21 37 | 14 33 | 7 9 | 7 51 | 15 51 | 17 9 | 5 0 | | | | | |
| S 5 | 8 26 | 14 7 | 3 43 | 10 22 | 1 27 | 7 46 | 1 5 | 2 29 | 1 7 | 6 12 | 1 37 | 21 40 | 1 31 | 17 8 | 0 16 | 18 40 | 1 43 | 21 37 | 14 33 | 7 11 | 7 53 | 15 54 | 17 10 | 4 59 | | | | | |
| S 6 | 8 48 | 18 49 | 4 22 | 9 35 | 1 7 | 8 15 | 1 3 | 2 13 | 1 6 | 6 9 | 1 37 | 21 40 | 1 31 | 17 9 | 0 16 | 18 40 | 1 43 | 21 37 | 14 32 | 7 14 | 7 54 | 15 57 | 17 11 | 4 59 | | | | | |
| M 7 | 9 10 | 22 48 | 4 50 | 8 49 | 0 47 | 8 44 | 1 1 | 1 58 | 1 6 | 6 6 | 1 36 | 21 40 | 1 31 | 17 10 | 0 16 | 18 40 | 1 43 | 21 37 | 14 32 | 7 17 | 7 55 | 16 0 | 17 12 | 4 59 | | | | | |
| T 8 | 9 32 | 25 51 | 5 5 | 8 3 | 0 26 | 9 13 | 1 0 | 1 43 | 1 6 | 6 3 | 1 36 | 21 40 | 1 31 | 17 11 | 0 16 | 18 39 | 1 43 | 21 37 | 14 32 | 7 20 | 7 56 | 16 3 | 17 13 | 4 59 | | | | | |
| W 9 | 9 54 | 27 47 | 5 7 | 7 20 | 0 5 | 9 42 | 0 58 | 1 27 | 1 6 | 6 0 | 1 36 | 21 39 | 1 31 | 17 12 | 0 16 | 18 39 | 1 43 | 21 37 | 14 32 | 7 23 | 7 57 | 16 6 | 17 14 | 4 59 | | | | | |
| T 10 | 10 16 | 28 24 | 4 56 | 6 40 | 0n14 | 10 10 | 0 56 | 1 12 | 1 6 | 5 57 | 1 36 | 21 39 | 1 31 | 17 13 | 0 16 | 18 39 | 1 43 | 21 37 | 14 31 | 7 25 | 7 59 | 16 9 | 17 15 | 4 59 | | | | | |
| F 11 | 10 37 | 27 38 | 4 31 | 6 5 | 0 33 | 10 38 | 0 55 | 0 56 | 1 6 | 5 54 | 1 36 | 21 39 | 1 31 | 17 14 | 0 16 | 18 38 | 1 43 | 21 37 | 14 31 | 7 26 | 8 0 | 16 11 | 17 16 | 4 58 | | | | | |
| S 12 | 10 59 | 25 27 | 3 52 | 5 35 | 0 50 | 11 6 | 0 53 | 0 41 | 1 6 | 5 51 | 1 36 | 21 39 | 1 31 | 17 15 | 0 16 | 18 38 | 1 43 | 21 37 | 14 31 | 7 27 | 8 1 | 16 14 | 17 17 | 4 58 | | | | | |
| S 13 | 11 20 | 21 54 | 3 0 | 5 11 | 1 6 | 11 34 | 0 51 | 0 25 | 1 5 | 5 48 | 1 36 | 21 39 | 1 31 | 17 16 | 0 16 | 18 38 | 1 43 | 21 37 | 14 31 | 7 27 | 8 2 | 16 17 | 17 18 | 4 58 | | | | | |
| M14 | 11 41 | 17 9 | 1 58 | 4 53 | 1 20 | 12 2 | 0 49 | 0 10 | 1 5 | 5 45 | 1 36 | 21 38 | 1 31 | 17 17 | 0 16 | 18 37 | 1 43 | 21 37 | 14 30 | 7 27 | 8 3 | 16 20 | 17 18 | 4 58 | | | | | |
| T 15 | 12 2 | 11 23 | 0 47 | 4 41 | 1 33 | 12 29 | 0 47 | 0s 5 | 1 5 | 5 42 | 1 36 | 21 38 | 1 31 | 17 18 | 0 16 | 18 37 | 1 43 | 21 38 | 14 30 | 7 26 | 8 4 | 16 23 | 17 19 | 4 58 | | | | | |
| W16 | 12 23 | 4 51 | 0s30 | 4 34 | 1 43 | 12 56 | 0 45 | 0 21 | 1 5 | 5 39 | 1 35 | 21 38 | 1 31 | 17 19 | 0 16 | 18 37 | 1 43 | 21 38 | 14 30 | 7 26 | 8 6 | 16 26 | 17 20 | 4 58 | | | | | |
| T 17 | 12 44 | 2s 6 | 1 46 | 4 34 | 1 52 | 13 22 | 0 43 | 0 36 | 1 5 | 5 37 | 1 35 | 21 38 | 1 31 | 17 20 | 0 16 | 18 36 | 1 43 | 21 38 | 14 30 | 7 27 | 8 7 | 16 28 | 17 21 | 4 57 | | | | | |
| F 18 | 13 4 | 9 7 | 2 57 | 4 38 | 2 0 | 13 49 | 0 41 | 0 52 | 1 5 | 5 34 | 1 35 | 21 38 | 1 31 | 17 21 | 0 16 | 18 36 | 1 43 | 21 38 | 14 29 | 7 28 | 8 8 | 16 31 | 17 22 | 4 57 | | | | | |
| S 19 | 13 24 | 15 43 | 3 56 | 4 48 | 2 5 | 14 14 | 0 39 | 1 7 | 1 4 | 5 31 | 1 35 | 21 37 | 1 32 | 17 22 | 0 16 | 18 36 | 1 43 | 21 38 | 14 29 | 7 31 | 8 9 | 16 34 | 17 23 | 4 57 | | | | | |
| S 20 | 13 44 | 21 21 | 4 39 | 5 2 | 2 10 | 14 40 | 0 37 | 1 22 | 1 4 | 5 29 | 1 35 | 21 37 | 1 32 | 17 23 | 0 16 | 18 35 | 1 43 | 21 38 | 14 29 | 7 34 | 8 10 | 16 37 | 17 24 | 4 57 | | | | | |
| M21 | 14 4 | 25 32 | 5 1 | 5 20 | 2 12 | 15 5 | 0 34 | 1 38 | 1 4 | 5 26 | 1 35 | 21 37 | 1 32 | 17 24 | 0 16 | 18 35 | 1 43 | 21 38 | 14 29 | 7 37 | 8 12 | 16 40 | 17 25 | 4 57 | | | | | |
| T 22 | 14 23 | 27 53 | 5 3 | 5 41 | 2 14 | 15 30 | 0 32 | 1 53 | 1 4 | 5 24 | 1 35 | 21 37 | 1 32 | 17 25 | 0 16 | 18 35 | 1 43 | 21 37 | 14 28 | 7 41 | 8 13 | 16 42 | 17 26 | 4 57 | | | | | |
| W23 | 14 43 | 28 14 | 4 45 | 6 5 | 2 15 | 15 54 | 0 30 | 2 9 | 1 4 | 5 21 | 1 34 | 21 36 | 1 32 | 17 26 | 0 16 | 18 34 | 1 43 | 21 37 | 14 28 | 7 43 | 8 14 | 16 45 | 17 27 | 4 57 | | | | | |
| T 24 | 15 2 | 26 45 | 4 10 | 6 32 | 2 14 | 16 18 | 0 28 | 2 24 | 1 4 | 5 19 | 1 34 | 21 36 | 1 32 | 17 27 | 0 16 | 18 34 | 1 43 | 21 37 | 14 28 | 7 45 | 8 15 | 16 48 | 17 27 | 4 57 | | | | | |
| F 25 | 15 21 | 23 44 | 3 22 | 7 1 | 2 13 | 16 42 | 0 25 | 2 39 | 1 3 | 5 16 | 1 34 | 21 36 | 1 32 | 17 28 | 0 16 | 18 34 | 1 43 | 21 37 | 14 28 | 7 46 | 8 16 | 16 51 | 17 28 | 4 57 | | | | | |
| S 26 | 15 39 | 19 34 | 2 25 | 7 31 | 2 11 | 17 5 | 0 23 | 2 55 | 1 3 | 5 14 | 1 34 | 21 36 | 1 32 | 17 29 | 0 16 | 18 33 | 1 44 | 21 37 | 14 27 | 7 47 | 8 18 | 16 54 | 17 29 | 4 56 | | | | | |
| S 27 | 15 57 | 14 39 | 1 22 | 8 4 | 2 8 | 17 28 | 0 21 | 3 10 | 1 3 | 5 12 | 1 34 | 21 35 | 1 32 | 17 30 | 0 16 | 18 33 | 1 44 | 21 37 | 14 27 | 7 47 | 8 19 | 16 56 | 17 30 | 4 56 | | | | | |
| M28 | 16 15 | 9 16 | 0 17 | 8 37 | 2 4 | 17 50 | 0 18 | 3 25 | 1 3 | 5 9 | 1 33 | 21 35 | 1 32 | 17 31 | 0 16 | 18 33 | 1 44 | 21 37 | 14 27 | 7 46 | 8 20 | 16 59 | 17 31 | 4 56 | | | | | |
| T 29 | 16 33 | 3 39 | 0n47 | 9 11 | 2 0 | 18 12 | 0 16 | 3 40 | 1 2 | 5 7 | 1 33 | 21 35 | 1 32 | 17 32 | 0 16 | 18 32 | 1 44 | 21 37 | 14 26 | 7 46 | 8 21 | 17 2 | 17 32 | 4 56 | | | | | |
| W30 | 16 51 | 2n 2 | 1 48 | 9 46 | 1 56 | 18 33 | 0 14 | 3 56 | 1 2 | 5 5 | 1 33 | 21 34 | 1 32 | 17 33 | 0 16 | 18 32 | 1 44 | 21 37 | 14 26 | 7 47 | 8 22 | 17 5 | 17 33 | 4 56 | | | | | |
| T 31 | 17s 8 | 7n36 | 2n44 | 10s22 | 1n51 | 18s54 | 0n11 | 4s11 | 1n 2 | 5n 3 | 1s33 | 21n34 | 1s32 | 17s34 | 0n16 | 18n32 | 1s44 | 21s37 | 14s26 | 7s49 | 8s24 | 17n 7 | 17s33 | 4n56 | | | | | |

ASTRODIENST EPHEMERIS for the year 1560
geocentric

NOVEMBER 1560 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|---------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|------|
| F 1 | 3 20 6 | 18 ^m 37'36 | 24 ^h 38 | 3 ^m 12 | 26 ^m 19 | 13 ^s 36 | 16°R20 | 19°R35 | 20 ^m 12 | 0°R 2 | 8°R47 | 9°R55 | 8 ^h 28 | 4 ^h 46 | 13 ^h 26 | F 1 |
| S 2 | 3 24 3 | 19°38'07 | 6 ^h 29 | 4°43 | 27°34 | 14°15 | 16°V15 | 19 ^h 31 | 20°16 | 0 ^h 11 | 8 ^h 47 | 9 ^h 45 | 8°25 | 4°52 | 13°33 | S 2 |
| S 3 | 3 27 59 | 20°38'41 | 18°22 | 6°15 | 28°50 | 14°53 | 16° 9 | 19°27 | 20°20 | 29 ^h 59 | 8°46 | 9°32 | 8°22 | 4°59 | 13°39 | S 3 |
| M 4 | 3 31 56 | 21°39'16 | 0 ^h 19 | 7°47 | 0 ^h 5 | 15°31 | 16° 4 | 19°23 | 20°23 | 29°57 | 8°46 | 9°19 | 8°19 | 5° 6 | 13°46 | M 4 |
| T 5 | 3 35 52 | 22°39'52 | 12°22 | 9°20 | 1°20 | 16°10 | 15°59 | 19°19 | 20°27 | 29°56 | 8°46 | 9° 5 | 8°16 | 5°12 | 13°53 | T 5 |
| W 6 | 3 39 49 | 23°40'30 | 24°31 | 10°53 | 2°35 | 16°48 | 15°54 | 19°15 | 20°31 | 29°54 | 8°46 | 8°52 | 8°12 | 5°19 | 13°59 | W 6 |
| T 7 | 3 43 45 | 24°41'09 | 6 ^h 48 | 12°27 | 3°51 | 17°27 | 15°50 | 19°10 | 20°35 | 29°52 | 8°46 | 8°41 | 8° 9 | 5°26 | 14° 6 | T 7 |
| F 8 | 3 47 42 | 25°41'51 | 19°14 | 14° 1 | 5° 6 | 18° 5 | 15°45 | 19° 6 | 20°38 | 29°51 | 8°45 | 8°33 | 8° 6 | 5°33 | 14°13 | F 8 |
| S 9 | 3 51 39 | 26°42'33 | 1 ^h 53 | 15°35 | 6°21 | 18°44 | 15°41 | 19° 2 | 20°42 | 29°49 | 8°45 | 8°29 | 8° 3 | 5°39 | 14°19 | S 9 |
| S 10 | 3 55 35 | 27°43'17 | 14°47 | 17° 9 | 7°37 | 19°22 | 15°36 | 18°57 | 20°46 | 29°47 | 8°45 | 8°26 | 8° 0 | 5°46 | 14°26 | S 10 |
| M 11 | 3 59 32 | 28°44'03 | 28° 0 | 18°43 | 8°52 | 20° 1 | 15°32 | 18°53 | 20°49 | 29°45 | 8°45 | 8°D26 | 7°57 | 5°53 | 14°33 | M 11 |
| T 12 | 4 3 28 | 29°44'51 | 11 ^h 33 | 20°17 | 10° 7 | 20°39 | 15°29 | 18°48 | 20°53 | 29°44 | 8°45 | 8°R26 | 7°53 | 5°59 | 14°40 | T 12 |
| W 13 | 4 7 25 | 0 ^h 45'39 | 25°31 | 21°52 | 11°22 | 21°18 | 15°25 | 18°44 | 20°57 | 29°42 | 8°D45 | 8°25 | 7°50 | 6° 6 | 14°46 | W 13 |
| T 14 | 4 11 21 | 1°46'30 | 9 ^h 54 | 23°26 | 12°38 | 21°56 | 15°22 | 18°39 | 21° 0 | 29°40 | 8°45 | 8°22 | 7°47 | 6°13 | 14°53 | T 14 |
| F 15 | 4 15 18 | 2°47'22 | 24°39 | 25° 0 | 13°53 | 22°35 | 15°18 | 18°35 | 21° 4 | 29°39 | 8°45 | 8°17 | 7°44 | 6°19 | 15° 0 | F 15 |
| S 16 | 4 19 14 | 3°48'15 | 9 ^h 41 | 26°34 | 15° 8 | 23°13 | 15°15 | 18°30 | 21° 8 | 29°37 | 8°45 | 8° 8 | 7°41 | 6°26 | 15° 7 | S 16 |
| S 17 | 4 23 11 | 4°49'10 | 24°52 | 28° 8 | 16°24 | 23°52 | 15°13 | 18°25 | 21°11 | 29°35 | 8°45 | 7°58 | 7°38 | 6°33 | 15°14 | S 17 |
| M 18 | 4 27 8 | 5°50'06 | 10 ^h 1 | 29°43 | 17°39 | 24°31 | 15°10 | 18°20 | 21°15 | 29°34 | 8°45 | 7°46 | 7°34 | 6°40 | 15°21 | M 18 |
| T 19 | 4 31 4 | 6°51'02 | 24°58 | 1 ^h 17 | 18°54 | 25° 9 | 15° 8 | 18°16 | 21°19 | 29°32 | 8°46 | 7°34 | 7°31 | 6°46 | 15°28 | T 19 |
| W 20 | 4 35 1 | 7°52'00 | 9 ^h 33 | 2°51 | 20° 9 | 25°48 | 15° 5 | 18°11 | 21°22 | 29°30 | 8°46 | 7°24 | 7°28 | 6°53 | 15°34 | W 20 |
| T 21 | 4 38 57 | 8°52'59 | 23°41 | 4°25 | 21°25 | 26°26 | 15° 3 | 18° 6 | 21°26 | 29°29 | 8°46 | 7°16 | 7°25 | 7° 0 | 15°41 | T 21 |
| F 22 | 4 42 54 | 9°53'58 | 7 ^h 19 | 5°59 | 22°40 | 27° 5 | 15° 2 | 18° 1 | 21°30 | 29°27 | 8°46 | 7°11 | 7°22 | 7° 6 | 15°48 | F 22 |
| S 23 | 4 46 50 | 10°54'58 | 20°28 | 7°33 | 23°55 | 27°43 | 15° 0 | 17°56 | 21°33 | 29°25 | 8°46 | 7° 8 | 7°18 | 7°13 | 15°55 | S 23 |
| S 24 | 4 50 47 | 11°55'59 | 3 ^h 11 | 9° 7 | 25°10 | 28°22 | 14°59 | 17°51 | 21°37 | 29°24 | 8°47 | 7° 8 | 7°15 | 7°20 | 16° 2 | S 24 |
| M 25 | 4 54 43 | 12°57'00 | 15°33 | 10°41 | 26°26 | 29° 0 | 14°57 | 17°46 | 21°40 | 29°22 | 8°47 | 7° 8 | 7°12 | 7°27 | 16° 9 | M 25 |
| T 26 | 4 58 40 | 13°58'01 | 27°39 | 12°16 | 27°41 | 29°39 | 14°56 | 17°41 | 21°44 | 29°20 | 8°47 | 7° 7 | 7° 9 | 7°33 | 16°16 | T 26 |
| W 27 | 5 2 37 | 14°59'04 | 9 ^h 35 | 13°50 | 28°56 | 0 ^h 18 | 14°56 | 17°36 | 21°47 | 29°19 | 8°48 | 7° 5 | 7° 6 | 7°40 | 16°23 | W 27 |
| T 28 | 5 6 33 | 16° 0'06 | 21°25 | 15°24 | 0 ^h 31 | 0°56 | 14°55 | 17°31 | 21°51 | 29°17 | 8°48 | 7° 0 | 7° 3 | 7°47 | 16°30 | T 28 |
| F 29 | 5 10 30 | 17° 1'09 | 3 ^h 14 | 16°59 | 1°27 | 1°35 | 14°55 | 17°26 | 21°54 | 29°15 | 8°49 | 6°52 | 6°59 | 7°53 | 16°37 | F 29 |
| S 30 | 5 14 26 | 18 ^h 2'13 | 15 ^h 8 | 18 ^h 33 | 2 ^h 42 | 2 ^h 13 | 14°D55 | 17 ^h 21 | 21 ^h 58 | 29 ^h 14 | 8 ^h 49 | 6 ^h 42 | 6 ^h 56 | 8 ^h 0 | 16 ^h 44 | S 30 |

| Day | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| F 1 | 17s25 | 12n52 | 3n33 | 10s58 | 1n45 | 19s14 | 0n 9 | 4s26 | 1n 2 | 5n 1 | 1s32 | 21n34 | 1s32 | 17s35 |
| S 2 | 17 41 | 17 41 | 4 12 | 11 34 | 1 40 | 19 34 | 0 7 | 4 41 | 1 2 | 4 59 | 1 32 | 21 33 | 1 32 | 17 36 |
| S 3 | 17 57 | 21 50 | 4 41 | 12 10 | 1 34 | 19 53 | 0 4 | 4 56 | 1 1 | 4 57 | 1 32 | 21 33 | 1 32 | 17 37 |
| M 4 | 18 13 | 25 6 | 4 57 | 12 46 | 1 28 | 20 11 | 0 2 | 5 11 | 1 1 | 4 56 | 1 32 | 21 33 | 1 32 | 17 38 |
| T 5 | 18 29 | 27 17 | 5 0 | 13 21 | 1 21 | 20 29 | 0s 1 | 5 26 | 1 1 | 4 54 | 1 31 | 21 33 | 1 32 | 17 39 |
| W 6 | 18 44 | 28 12 | 4 50 | 13 57 | 1 15 | 20 47 | 0 3 | 5 41 | 1 1 | 4 52 | 1 31 | 21 32 | 1 32 | 17 40 |
| T 7 | 18 59 | 27 45 | 4 26 | 14 32 | 1 8 | 21 4 | 0 6 | 5 56 | 1 0 | 4 51 | 1 31 | 21 32 | 1 32 | 17 41 |
| F 8 | 19 14 | 25 53 | 3 49 | 15 7 | 1 1 | 21 20 | 0 8 | 6 11 | 1 0 | 4 49 | 1 31 | 21 32 | 1 32 | 17 42 |
| S 9 | 19 28 | 22 43 | 3 0 | 15 41 | 0 54 | 21 36 | 0 10 | 6 26 | 1 0 | 4 48 | 1 30 | 21 31 | 1 32 | 17 43 |
| S 10 | 19 42 | 18 22 | 2 2 | 16 14 | 0 48 | 21 51 | 0 13 | 6 41 | 1 0 | 4 46 | 1 30 | 21 31 | 1 32 | 17 44 |
| M 11 | 19 56 | 13 4 | 0 55 | 16 47 | 0 41 | 22 5 | 0 15 | 6 56 | 0 59 | 4 45 | 1 30 | 21 31 | 1 32 | 17 45 |
| T 12 | 20 9 | 6 59 | 0s17 | 17 19 | 0 34 | 22 19 | 0 18 | 7 10 | 0 59 | 4 44 | 1 30 | 21 30 | 1 32 | 17 46 |
| W 13 | 20 22 | 0 25 | 1 29 | 17 51 | 0 27 | 22 32 | 0 20 | 7 25 | 0 59 | 4 43 | 1 29 | 21 30 | 1 32 | 17 47 |
| T 14 | 20 34 | 6s21 | 2 38 | 18 22 | 0 20 | 22 44 | 0 22 | 7 40 | 0 59 | 4 42 | 1 29 | 21 30 | 1 32 | 17 48 |
| F 15 | 20 46 | 12 57 | 3 38 | 18 51 | 0 13 | 22 56 | 0 25 | 7 54 | 0 58 | 4 41 | 1 29 | 21 29 | 1 32 | 17 49 |
| S 16 | 20 58 | 18 55 | 4 24 | 19 20 | 0 6 | 23 7 | 0 27 | 8 9 | 0 58 | 4 40 | 1 28 | 21 29 | 1 31 | 17 50 |
| S 17 | 21 9 | 23 45 | 4 52 | 19 49 | 0s 1 | 23 18 | 0 30 | 8 23 | 0 58 | 4 39 | 1 28 | 21 28 | 1 31 | 17 51 |
| M 18 | 21 20 | 26 57 | 5 0 | 20 16 | 0 8 | 23 27 | 0 32 | 8 38 | 0 57 | 4 38 | 1 28 | 21 28 | 1 31 | 17 52 |
| T 19 | 21 30 | 28 10 | 4 46 | 20 42 | 0 14 | 23 36 | 0 34 | 8 52 | 0 57 | 4 38 | 1 27 | 21 28 | 1 31 | 17 53 |
| W 20 | 21 41 | 27 23 | 4 15 | 21 7 | 0 21 | 23 44 | 0 37 | 9 7 | 0 57 | 4 37 | 1 27 | 21 27 | 1 31 | 17 54 |
| T 21 | 21 50 | 24 50 | 3 28 | 21 32 | 0 28 | 23 52 | 0 39 | 9 21 | 0 57 | 4 37 | 1 27 | 21 27 | 1 31 | 17 55 |
| F 22 | 21 59 | 20 55 | 2 30 | 21 55 | 0 34 | 23 59 | 0 41 | 9 35 | 0 56 | 4 36 | 1 27 | 21 27 | 1 31 | 17 55 |
| S 23 | 22 8 | 16 4 | 1 27 | 22 17 | 0 40 | 24 5 | 0 43 | 9 49 | 0 56 | 4 36 | 1 26 | 21 26 | 1 31 | 17 56 |
| S 24 | 22 17 | 10 41 | 0 21 | 22 38 | 0 47 | 24 10 | 0 46 | 10 3 | 0 56 | 4 36 | 1 26 | 21 26 | 1 31 | 17 57 |
| M 25 | 22 24 | 5 2 | 0n44 | 22 58 | 0 53 | 24 15 | 0 48 | 10 17 | 0 55 | 4 35 | 1 26 | 21 26 | 1 31 | 17 58 |
| T 26 | 22 32 | 0n41 | 1 46 | 23 17 | 0 58 | 24 19 | 0 50 | 10 31 | 0 55 | 4 35 | 1 25 | 21 25 | 1 31 | 17 59 |
| W 27 | 22 39 | 6 18 | 2 43 | 23 35 | 1 4 | 24 22 | 0 52 | 10 45 | 0 55 | 4 35 | 1 25 | 21 25 | 1 31 | 18 0 |
| T 28 | 22 46 | 11 38 | 3 31 | 23 51 | 1 10 | 24 24 | 0 54 | 10 59 | 0 54 | 4 35 | 1 25 | 21 24 | 1 31 | 18 1 |
| F 29 | 22 52 | 16 33 | 4 11 | 24 6 | 1 15 | 24 26 | 0 56 | 11 12 | 0 54 | 4 36 | 1 24 | 21 24 | 1 31 | 18 2 |
| S 30 | 22s58 | 20n51 | 4n39 | 24s20 | 1s20 | 24s26 | 0s58 | 11s26 | 0n54 | 4n36 | 1s24 | 21n24 | 1s30 | 18s 3 |

Julian Day Number = 2291152.5, Delta T = 156.89 sec

Ecliptic obliquity = 23°29'55, Nutation = 0°00'05, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 18°36'43, Lahiri = 17°43'44 Julian Calendar 1 Nov. 1560 == Greg. Calendar 11 Nov. 1560

ASTRODIENST EPHEMERIS for the year 1560
geocentric

DECEMBER 1560 JC

00:00 UT

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

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|-------|-------|------|-------|-------|------|-----|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| S 1 | 23s 3 | 24n21 | 4n56 | 24s33 | 1s26 | 24s27 | 1s 0 | 11s40 | 0n53 | 4n36 | 1s24 | 21n23 | 1s30 | 18s 4 | 0n16 | 18n21 | 1s43 | 21s27 | 14s16 | 9s 9 | 9s 0 | 18n31 | 17s55 | 4n58 | | | |
| M 2 | 23 8 | 26 48 | 5 0 | 24 44 | 1 30 | 24 26 | 1 2 | 11 53 | 0 53 | 4 37 | 1 23 | 21 23 | 1 30 | 18 5 | 0 16 | 18 21 | 1 43 | 21 26 | 14 16 | 9 14 | 9 2 | 18 33 | 17 55 | 4 58 | | | |
| T 3 | 23 12 | 28 2 | 4 50 | 24 55 | 1 35 | 24 24 | 1 4 | 12 7 | 0 53 | 4 37 | 1 23 | 21 23 | 1 30 | 18 5 | 0 16 | 18 20 | 1 43 | 21 26 | 14 16 | 9 20 | 9 3 | 18 36 | 17 55 | 4 58 | | | |
| W 4 | 23 16 | 27 52 | 4 26 | 25 3 | 1 39 | 24 22 | 1 6 | 12 20 | 0 52 | 4 38 | 1 23 | 21 22 | 1 30 | 18 6 | 0 16 | 18 20 | 1 43 | 21 26 | 14 15 | 9 25 | 9 4 | 18 39 | 17 56 | 4 58 | | | |
| T 5 | 23 19 | 26 17 | 3 49 | 25 11 | 1 43 | 24 19 | 1 8 | 12 33 | 0 52 | 4 38 | 1 22 | 21 22 | 1 30 | 18 7 | 0 16 | 18 20 | 1 43 | 21 25 | 14 15 | 9 29 | 9 5 | 18 41 | 17 56 | 4 58 | | | |
| F 6 | 23 22 | 23 21 | 3 0 | 25 16 | 1 47 | 24 16 | 1 10 | 12 46 | 0 51 | 4 39 | 1 22 | 21 21 | 1 30 | 18 8 | 0 16 | 18 19 | 1 43 | 21 25 | 14 15 | 9 32 | 9 6 | 18 44 | 17 57 | 4 58 | | | |
| S 7 | 23 25 | 19 13 | 2 1 | 25 21 | 1 51 | 24 11 | 1 11 | 12 59 | 0 51 | 4 40 | 1 22 | 21 21 | 1 30 | 18 9 | 0 16 | 18 19 | 1 43 | 21 24 | 14 14 | 9 33 | 9 7 | 18 46 | 17 57 | 4 59 | | | |
| S 8 | 23 27 | 14 7 | 0 55 | 25 24 | 1 54 | 24 6 | 1 13 | 13 12 | 0 51 | 4 41 | 1 22 | 21 21 | 1 30 | 18 10 | 0 16 | 18 19 | 1 43 | 21 24 | 14 14 | 9 34 | 9 9 | 18 49 | 17 58 | 4 59 | | | |
| M 9 | 23 28 | 8 17 | 0s15 | 25 25 | 1 57 | 24 0 | 1 15 | 13 25 | 0 50 | 4 42 | 1 21 | 21 20 | 1 29 | 18 11 | 0 16 | 18 19 | 1 43 | 21 23 | 14 14 | 9 35 | 9 10 | 18 51 | 17 58 | 4 59 | | | |
| T 10 | 23 29 | 1 58 | 1 26 | 25 25 | 2 0 | 23 53 | 1 16 | 13 38 | 0 50 | 4 43 | 1 21 | 21 20 | 1 29 | 18 11 | 0 16 | 18 18 | 1 43 | 21 22 | 14 14 | 9 34 | 9 11 | 18 54 | 17 59 | 4 59 | | | |
| W 11 | 23 30 | 4s34 | 2 33 | 25 24 | 2 3 | 23 46 | 1 18 | 13 51 | 0 49 | 4 44 | 1 21 | 21 20 | 1 29 | 18 12 | 0 16 | 18 18 | 1 43 | 21 22 | 14 13 | 9 34 | 9 12 | 18 57 | 17 59 | 4 59 | | | |
| T 12 | 23 30 | 11 0 | 3 33 | 25 21 | 2 5 | 23 38 | 1 19 | 14 3 | 0 49 | 4 45 | 1 20 | 21 19 | 1 29 | 18 13 | 0 16 | 18 18 | 1 43 | 21 21 | 14 13 | 9 35 | 9 13 | 18 59 | 17 59 | 5 0 | | | |
| F 13 | 23 30 | 16 59 | 4 20 | 25 16 | 2 6 | 23 29 | 1 21 | 14 16 | 0 49 | 4 46 | 1 20 | 21 19 | 1 29 | 18 14 | 0 16 | 18 17 | 1 43 | 21 21 | 14 13 | 9 36 | 9 14 | 19 2 | 18 0 | 5 0 | | | |
| S 14 | 23 29 | 22 6 | 4 51 | 25 10 | 2 8 | 23 19 | 1 22 | 14 28 | 0 48 | 4 48 | 1 20 | 21 19 | 1 29 | 18 15 | 0 16 | 18 17 | 1 43 | 21 20 | 14 12 | 9 39 | 9 16 | 19 4 | 18 0 | 5 0 | | | |
| S 15 | 23 27 | 25 52 | 5 3 | 25 2 | 2 9 | 23 9 | 1 23 | 14 41 | 0 48 | 4 49 | 1 19 | 21 18 | 1 29 | 18 15 | 0 16 | 18 17 | 1 43 | 21 20 | 14 12 | 9 42 | 9 17 | 19 7 | 18 0 | 5 0 | | | |
| M 16 | 23 26 | 27 53 | 4 55 | 24 53 | 2 9 | 22 58 | 1 25 | 14 53 | 0 47 | 4 50 | 1 19 | 21 18 | 1 28 | 18 16 | 0 16 | 18 17 | 1 43 | 21 19 | 14 12 | 9 46 | 9 18 | 19 9 | 18 1 | 5 1 | | | |
| T 17 | 23 23 | 27 55 | 4 28 | 24 42 | 2 9 | 22 46 | 1 26 | 15 5 | 0 47 | 4 52 | 1 19 | 21 18 | 1 28 | 18 17 | 0 16 | 18 16 | 1 43 | 21 19 | 14 12 | 9 49 | 9 19 | 19 12 | 18 1 | 5 1 | | | |
| W 18 | 23 21 | 26 3 | 3 43 | 24 29 | 2 9 | 22 34 | 1 27 | 15 17 | 0 46 | 4 54 | 1 18 | 21 17 | 1 28 | 18 18 | 0 16 | 18 16 | 1 43 | 21 18 | 14 11 | 9 53 | 9 20 | 19 14 | 18 1 | 5 1 | | | |
| T 19 | 23 17 | 22 35 | 2 46 | 24 15 | 2 8 | 22 21 | 1 28 | 15 29 | 0 46 | 4 55 | 1 18 | 21 17 | 1 28 | 18 18 | 0 16 | 18 16 | 1 43 | 21 17 | 14 11 | 9 55 | 9 22 | 19 17 | 18 1 | 5 1 | | | |
| F 20 | 23 14 | 17 57 | 1 41 | 23 59 | 2 6 | 22 7 | 1 29 | 15 41 | 0 45 | 4 57 | 1 18 | 21 17 | 1 28 | 18 19 | 0 16 | 18 16 | 1 43 | 21 17 | 14 11 | 9 57 | 9 23 | 19 19 | 18 2 | 5 2 | | | |
| S 21 | 23 10 | 12 35 | 0 32 | 23 41 | 2 4 | 21 53 | 1 30 | 15 52 | 0 45 | 4 59 | 1 17 | 21 17 | 1 28 | 18 20 | 0 16 | 18 16 | 1 43 | 21 16 | 14 11 | 9 57 | 9 24 | 19 22 | 18 2 | 5 2 | | | |
| S 22 | 23 5 | 6 51 | 0n37 | 23 22 | 2 2 | 21 38 | 1 31 | 16 4 | 0 45 | 5 1 | 1 17 | 21 16 | 1 28 | 18 21 | 0 16 | 18 15 | 1 43 | 21 16 | 14 10 | 9 57 | 9 25 | 19 24 | 18 2 | 5 2 | | | |
| M 23 | 23 0 | 1 0 | 1 42 | 23 1 | 1 58 | 21 22 | 1 32 | 16 15 | 0 44 | 5 3 | 1 17 | 21 16 | 1 27 | 18 21 | 0 16 | 18 15 | 1 42 | 21 15 | 14 10 | 9 57 | 9 26 | 19 27 | 18 2 | 5 3 | | | |
| T 24 | 22 55 | 4n45 | 2 41 | 22 39 | 1 54 | 21 6 | 1 32 | 16 27 | 0 44 | 5 5 | 1 17 | 21 16 | 1 27 | 18 22 | 0 16 | 18 15 | 1 42 | 21 14 | 14 10 | 9 56 | 9 27 | 19 30 | 18 3 | 5 3 | | | |
| W 25 | 22 49 | 10 13 | 3 32 | 22 16 | 1 50 | 20 49 | 1 33 | 16 38 | 0 43 | 5 7 | 1 16 | 21 15 | 1 27 | 18 23 | 0 16 | 18 15 | 1 42 | 21 14 | 14 10 | 9 56 | 9 29 | 19 32 | 18 3 | 5 3 | | | |
| T 26 | 22 42 | 15 17 | 4 13 | 21 51 | 1 45 | 20 31 | 1 34 | 16 49 | 0 43 | 5 10 | 1 16 | 21 15 | 1 27 | 18 23 | 0 16 | 18 15 | 1 42 | 21 13 | 14 9 | 9 57 | 9 30 | 19 34 | 18 3 | 5 3 | | | |
| F 27 | 22 35 | 19 47 | 4 44 | 21 24 | 1 38 | 20 13 | 1 34 | 17 0 | 0 42 | 5 12 | 1 16 | 21 15 | 1 27 | 18 24 | 0 16 | 18 14 | 1 42 | 21 13 | 14 9 | 9 58 | 9 31 | 19 37 | 18 3 | 5 4 | | | |
| S 28 | 22 28 | 23 31 | 5 2 | 20 57 | 1 31 | 19 54 | 1 35 | 17 11 | 0 42 | 5 14 | 1 15 | 21 15 | 1 26 | 18 25 | 0 16 | 18 14 | 1 42 | 21 12 | 14 9 | 10 0 | 9 32 | 19 39 | 18 3 | 5 4 | | | |
| S 29 | 22 20 | 26 17 | 5 7 | 20 28 | 1 24 | 19 35 | 1 35 | 17 22 | 0 41 | 5 17 | 1 15 | 21 14 | 1 26 | 18 25 | 0 16 | 18 14 | 1 42 | 21 11 | 14 9 | 10 3 | 9 33 | 19 42 | 18 3 | 5 4 | | | |
| M 30 | 22 12 | 27 52 | 4 59 | 19 59 | 1 15 | 19 15 | 1 36 | 17 32 | 0 41 | 5 19 | 1 15 | 21 14 | 1 26 | 18 26 | 0 16 | 18 14 | 1 42 | 21 11 | 14 8 | 10 6 | 9 34 | 19 44 | 18 4 | 5 4 | | | |
| T 31 | 22s 3 | 28n 6 | 4n36 | 19s28 | 1s 6 | 18s55 | 1s36 | 17s43 | 0n40 | 5n22 | 1s15 | 21n14 | 1s26 | 18s26 | 0n16 | 18n14 | 1s42 | 21s10 | 14s 8 | 10s 9 | 9s36 | 19n47 | 18s 4 | 5n 5 | | | |