



Astrodienst Ephemeris Tables for the year 1495

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 D5EPH

ASTRODIENST EPHEMERIS for the year 1495
geocentric

JANUARY 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|-------|--------|-------|-------|--------|-------|------|------|-------|--------|-------|-------|--------|------|
| T 1 | 7 16 36 | 19°39'54 | 7°59 | 6°55 | 29°17 | 27°57 | 12°38 | 10°45 | 5°3 | 4°17 | 12°9 | 20°R17 | 21°49 | 25°54 | 12°R18 | T 1 |
| F 2 | 7 20 33 | 20°41'01 | 21°14 | 7°34 | 0°32 | 28°28 | 12°42 | 10°51 | 5°6 | 4°20 | 12°11 | 20°D17 | 21°45 | 26°1 | 12°R18 | F 2 |
| S 3 | 7 24 29 | 21°42'07 | 4°42 | 9°2 | 1°47 | 28°59 | 12°45 | 10°56 | 5°9 | 4°22 | 12°12 | 20°17 | 21°42 | 26°8 | 12°17 | S 3 |
| S 4 | 7 28 26 | 22°43'12 | 18°25 | 10°26 | 3°2 | 29°29 | 12°47 | 11°2 | 5°13 | 4°24 | 12°13 | 20°R18 | 21°39 | 26°14 | 12°16 | S 4 |
| M 5 | 7 32 22 | 23°44'16 | 2°23 | 11°47 | 4°18 | 29°59 | 12°50 | 11°8 | 5°16 | 4°26 | 12°14 | 20°18 | 21°36 | 26°21 | 12°16 | M 5 |
| T 6 | 7 36 19 | 24°45'19 | 16°37 | 13°3 | 5°33 | 0°30 | 12°53 | 11°13 | 5°20 | 4°28 | 12°15 | 20°16 | 21°33 | 26°28 | 12°16 | T 6 |
| W 7 | 7 40 16 | 25°46'21 | 1°11 | 14°14 | 6°48 | 1°0 | 12°55 | 11°19 | 5°23 | 4°31 | 12°16 | 20°11 | 21°30 | 26°34 | 12°15 | W 7 |
| T 8 | 7 44 12 | 26°47'22 | 15°42 | 15°20 | 8°3 | 1°30 | 12°57 | 11°25 | 5°27 | 4°33 | 12°17 | 20°5 | 21°26 | 26°41 | 12°15 | T 8 |
| F 9 | 7 48 9 | 27°48'22 | 0°24 | 16°19 | 9°18 | 2°0 | 12°59 | 11°31 | 5°30 | 4°35 | 12°18 | 19°56 | 21°23 | 26°48 | 12°15 | F 9 |
| S 10 | 7 52 5 | 28°49'21 | 15°3 | 17°10 | 10°33 | 2°30 | 13°1 | 11°37 | 5°34 | 4°37 | 12°19 | 19°48 | 21°20 | 26°55 | 12°15 | S 10 |
| S 11 | 7 56 2 | 29°50'19 | 29°31 | 17°53 | 11°48 | 2°59 | 13°2 | 11°44 | 5°37 | 4°39 | 12°20 | 19°40 | 21°17 | 27°1 | 12°14 | S 11 |
| M 12 | 7 59 58 | 0°51'16 | 13°41 | 18°28 | 13°3 | 3°29 | 13°4 | 11°50 | 5°41 | 4°41 | 12°21 | 19°33 | 21°14 | 27°8 | 12°D14 | M 12 |
| T 13 | 8 3 55 | 1°52'12 | 27°29 | 18°52 | 14°18 | 3°58 | 13°5 | 11°56 | 5°44 | 4°43 | 12°22 | 19°29 | 21°10 | 27°15 | 12°15 | T 13 |
| W 14 | 8 7 51 | 2°53'07 | 10°52 | 19°6 | 15°33 | 4°27 | 13°6 | 12°2 | 5°48 | 4°45 | 12°23 | 19°26 | 21°7 | 27°21 | 12°15 | W 14 |
| T 15 | 8 11 48 | 3°54'01 | 23°52 | 19°R 9 | 16°48 | 4°56 | 13°7 | 12°9 | 5°51 | 4°47 | 12°23 | 19°D26 | 21°4 | 27°28 | 12°15 | T 15 |
| F 16 | 8 15 45 | 4°54'55 | 6°28 | 19°0 | 18°3 | 5°25 | 13°7 | 12°15 | 5°55 | 4°49 | 12°24 | 19°27 | 21°1 | 27°35 | 12°15 | F 16 |
| S 17 | 8 19 41 | 5°55'47 | 18°46 | 18°41 | 19°18 | 5°54 | 13°8 | 12°21 | 5°58 | 4°51 | 12°25 | 19°29 | 20°58 | 27°42 | 12°15 | S 17 |
| S 18 | 8 23 38 | 6°56'39 | 0°50 | 18°10 | 20°33 | 6°22 | 13°8 | 12°28 | 6°2 | 4°53 | 12°25 | 19°30 | 20°55 | 27°48 | 12°16 | S 18 |
| M 19 | 8 27 34 | 7°57'30 | 12°45 | 17°30 | 21°48 | 6°50 | 13°R 8 | 12°34 | 6°5 | 4°55 | 12°26 | 19°R30 | 20°51 | 27°55 | 12°16 | M 19 |
| T 20 | 8 31 31 | 8°58'20 | 24°36 | 16°40 | 23°3 | 7°18 | 13°8 | 12°41 | 6°9 | 4°57 | 12°27 | 19°28 | 20°48 | 28°2 | 12°17 | T 20 |
| W 21 | 8 35 27 | 9°59'09 | 6°28 | 15°42 | 24°18 | 7°46 | 13°7 | 12°48 | 6°12 | 4°59 | 12°27 | 19°25 | 20°45 | 28°8 | 12°17 | W 21 |
| T 22 | 8 39 24 | 10°59'57 | 18°26 | 14°38 | 25°33 | 8°14 | 13°7 | 12°54 | 6°16 | 5°1 | 12°28 | 19°20 | 20°42 | 28°15 | 12°18 | T 22 |
| F 23 | 8 43 20 | 12°0'44 | 0°32 | 13°30 | 26°48 | 8°41 | 13°6 | 13°1 | 6°19 | 5°3 | 12°28 | 19°14 | 20°39 | 28°22 | 12°19 | F 23 |
| S 24 | 8 47 17 | 13°1'30 | 12°51 | 12°19 | 28°3 | 9°9 | 13°5 | 13°8 | 6°23 | 5°5 | 12°29 | 19°7 | 20°36 | 28°29 | 12°20 | S 24 |
| S 25 | 8 51 14 | 14°2'14 | 25°23 | 11°8 | 29°18 | 9°36 | 13°4 | 13°15 | 6°26 | 5°7 | 12°29 | 19°0 | 20°32 | 28°35 | 12°20 | S 25 |
| M 26 | 8 55 10 | 15°2'57 | 8°9 | 9°58 | 0°33 | 10°3 | 13°3 | 13°21 | 6°30 | 5°9 | 12°29 | 18°55 | 20°29 | 28°42 | 12°21 | M 26 |
| T 27 | 8 59 7 | 16°3'39 | 21°11 | 8°52 | 1°49 | 10°29 | 13°1 | 13°28 | 6°33 | 5°11 | 12°30 | 18°50 | 20°26 | 28°49 | 12°22 | T 27 |
| W 28 | 9 3 3 | 17°4'20 | 4°25 | 7°50 | 3°4 | 10°56 | 13°0 | 13°35 | 6°37 | 5°12 | 12°30 | 18°48 | 20°23 | 28°55 | 12°23 | W 28 |
| T 29 | 9 7 0 | 18°4'58 | 17°53 | 6°53 | 4°19 | 11°22 | 12°58 | 13°42 | 6°40 | 5°14 | 12°30 | 18°D47 | 20°20 | 29°2 | 12°25 | T 29 |
| F 30 | 9 10 56 | 19°5'36 | 1°31 | 6°4 | 5°34 | 11°48 | 12°56 | 13°49 | 6°43 | 5°16 | 12°31 | 18°47 | 20°16 | 29°9 | 12°26 | F 30 |
| S 31 | 9 14 53 | 20°6'11 | 15°18 | 5°21 | 6°49 | 12°13 | 12°54 | 13°56 | 6°47 | 5°18 | 12°31 | 18°49 | 20°13 | 29°16 | 12°27 | S 31 |

Delta T = 05m02s

Julian Calendar 1 Jan. 1495 == Greg. Calendar 10 Jan. 1495

FEBRUARY 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|-------|--------|-------|------|------|--------|--------|-------|-------|--------|------|
| S 1 | 9 18 49 | 21°6'45 | 29°15 | 4°R46 | 8°3 | 12°39 | 12°R51 | 14°3 | 6°50 | 5°20 | 12°31 | 18°50 | 20°10 | 29°22 | 12°R28 | S 1 |
| M 2 | 9 22 46 | 22°7'16 | 13°18 | 4°19 | 9°18 | 13°4 | 12°46 | 14°10 | 6°54 | 5°21 | 12°31 | 18°52 | 20°7 | 29°29 | 12°30 | M 2 |
| T 3 | 9 26 43 | 23°7'46 | 27°27 | 4°0 | 10°33 | 13°29 | 12°46 | 14°17 | 6°57 | 5°23 | 12°31 | 18°R52 | 20°4 | 29°36 | 12°31 | T 3 |
| W 4 | 9 30 39 | 24°8'14 | 11°41 | 3°48 | 11°48 | 13°54 | 12°43 | 14°24 | 7°0 | 5°25 | 12°31 | 18°51 | 20°1 | 29°42 | 12°33 | W 4 |
| T 5 | 9 34 36 | 25°8'41 | 25°56 | 3°D43 | 13°3 | 14°18 | 12°40 | 14°32 | 7°4 | 5°26 | 12°R31 | 18°49 | 19°57 | 29°49 | 12°34 | T 5 |
| F 6 | 9 38 32 | 26°9'05 | 10°9 | 3°45 | 14°18 | 14°42 | 12°36 | 14°39 | 7°7 | 5°28 | 12°31 | 18°46 | 19°54 | 29°56 | 12°36 | F 6 |
| S 7 | 9 42 29 | 27°9'27 | 24°18 | 3°54 | 15°33 | 15°6 | 12°33 | 14°46 | 7°11 | 5°29 | 12°31 | 18°43 | 19°51 | 0°3 | 12°37 | S 7 |
| S 8 | 9 46 25 | 28°9'48 | 8°16 | 4°9 | 16°48 | 15°29 | 12°29 | 14°53 | 7°14 | 5°31 | 12°31 | 18°40 | 19°48 | 0°9 | 12°39 | S 8 |
| M 9 | 9 50 22 | 29°10'06 | 22°2 | 4°29 | 18°3 | 15°53 | 12°26 | 15°0 | 7°17 | 5°33 | 12°31 | 18°37 | 19°45 | 0°16 | 12°41 | M 9 |
| T 10 | 9 54 18 | 0°10'23 | 5°32 | 4°55 | 19°18 | 16°16 | 12°22 | 15°8 | 7°21 | 5°34 | 12°31 | 18°36 | 19°41 | 0°23 | 12°43 | T 10 |
| W 11 | 9 58 15 | 1°10'38 | 18°43 | 5°26 | 20°33 | 16°38 | 12°17 | 15°15 | 7°24 | 5°36 | 12°31 | 18°D35 | 19°38 | 0°29 | 12°45 | W 11 |
| T 12 | 10 2 12 | 2°10'51 | 1°36 | 6°2 | 21°48 | 17°1 | 12°13 | 15°22 | 7°27 | 5°37 | 12°30 | 18°36 | 19°35 | 0°36 | 12°47 | T 12 |
| F 13 | 10 6 8 | 3°11'03 | 14°10 | 6°41 | 23°2 | 17°23 | 12°9 | 15°30 | 7°30 | 5°38 | 12°30 | 18°37 | 19°32 | 0°43 | 12°49 | F 13 |
| S 14 | 10 10 5 | 4°11'13 | 26°29 | 7°25 | 24°17 | 17°45 | 12°4 | 15°37 | 7°34 | 5°40 | 12°30 | 18°38 | 19°29 | 0°50 | 12°51 | S 14 |
| S 15 | 10 14 1 | 5°11'21 | 8°35 | 8°12 | 25°32 | 18°6 | 11°59 | 15°44 | 7°37 | 5°41 | 12°29 | 18°39 | 19°26 | 0°56 | 12°53 | S 15 |
| M 16 | 10 17 58 | 6°11'28 | 20°33 | 9°3 | 26°47 | 18°27 | 11°54 | 15°52 | 7°40 | 5°43 | 12°29 | 18°40 | 19°22 | 1°3 | 12°55 | M 16 |
| T 17 | 10 21 54 | 7°11'33 | 2°12 | 9°57 | 28°2 | 18°48 | 11°49 | 15°59 | 7°43 | 5°44 | 12°29 | 18°R41 | 19°19 | 1°10 | 12°58 | T 17 |
| W 18 | 10 25 51 | 8°11'37 | 14°29 | 10°54 | 29°17 | 19°8 | 11°44 | 16°6 | 7°46 | 5°45 | 12°28 | 18°41 | 19°16 | 1°16 | 13°0 | W 18 |
| T 19 | 10 29 47 | 9°11'39 | 26°17 | 11°54 | 0°31 | 19°28 | 11°38 | 16°14 | 7°49 | 5°46 | 12°28 | 18°40 | 19°13 | 1°23 | 13°2 | T 19 |
| F 20 | 10 33 44 | 10°11'39 | 8°24 | 12°57 | 1°46 | 19°48 | 11°33 | 16°21 | 7°52 | 5°48 | 12°27 | 18°39 | 19°10 | 1°30 | 13°5 | F 20 |
| S 21 | 10 37 40 | 11°11'38 | 20°46 | 14°1 | 3°1 | 20°7 | 11°27 | 16°29 | 7°56 | 5°49 | 12°27 | 18°38 | 19°7 | 1°37 | 13°7 | S 21 |
| S 22 | 10 41 37 | 12°11'35 | 3°23 | 15°9 | 4°16 | 20°26 | 11°21 | 16°36 | 7°59 | 5°50 | 12°26 | 18°38 | 19°3 | 1°43 | 13°10 | S 22 |
| M 23 | 10 45 34 | 13°11'30 | 16°20 | 16°18 | 5°31 | 20°44 | 11°15 | 16°44 | 8°2 | 5°51 | 12°25 | 18°37 | 19°0 | 1°50 | 13°13 | M 23 |
| T 24 | 10 49 30 | 14°11'23 | 29°37 | 17°29 | 6°45 | 21°2 | 11°9 | 16°51 | 8°5 | 5°52 | 12°25 | 18°36 | 18°57 | 1°57 | 13°15 | T 24 |
| W 25 | 10 53 27 | 15°11'14 | 13°12 | 18°43 | 8°0 | 21°20 | 11°3 | 16°58 | 8°8 | 5°53 | 12°24 | 18°D36 | 18°54 | 2°3 | 13°18 | W 25 |
| T 26 | 10 57 23 | 16°11'04 | 27°5 | 19°58 | 9°15 | 21°37 | 10°57 | 17°6 | 8°11 | 5°55 | 12°23 | 18°36 | 18°51 | 2°10 | 13°21 | T 26 |
| F 27 | 11 1 20 | 17°10'51 | 11°11 | 21°15 | 10°30 | 21°54 | 10°50 | 17°13 | 8°13 | 5°56 | 12°23 | 18°36 | 18°47 | 2°17 | 13°23 | F 27 |
| S 28 | 11 5 16 | 18°10'36 | 25°17 | 22°33 | 11°44 | 22°10 | 10°44 | 17°21 | 8°16 | 5°57 | 12°22 | 18°R36 | 18°44 | 2°24 | 13°26 | S 28 |

Delta T = 05m02s

Julian Calendar

ASTRODIENST EPHEMERIS for the year 1495

geocentric

MARCH 1495 JC

00:00 UT

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

Delta T = 05m01s

Julian Calendar 1 March 1495 == Greg. Calendar 10 March 1495

APRIL 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|----------|----------|----------|----------|---------|----------|---------|---------|----------|----------|----------|---------|----------|------|
| W 1 | 13 11 26 | 19°44'04 | 3°26'26 | 17°20'20 | 21°27'27 | 25°R51 | 6°R46 | 21°12'12 | 9°33'33 | 6°R11 | 11°R44 | 18°R12 | 17°3'3 | 5°25'25 | 15°19'19 | W 1 |
| T 2 | 13 15 23 | 20°42'41 | 17°32'32 | 19°25'25 | 22°41'41 | 25°M47 | 6°M38 | 21°19'19 | 9°32'32 | 6°11'11 | 11°M42 | 18°D11 | 16°59'59 | 6°5'5 | 15°23'23 | T 2 |
| F 3 | 13 19 19 | 21°41'16 | 18°20'20 | 21°31'31 | 23°55'55 | 25°41'41 | 6°31'31 | 21°26'26 | 9°34'34 | 6°11'11 | 11°41'41 | 18°M11 | 16°56'56 | 6°12'12 | 15°28'28 | F 3 |
| S 4 | 13 23 16 | 22°39'48 | 14°49'49 | 23°38'38 | 25°9'9 | 25°36'36 | 6°24'24 | 21°33'33 | 9°35'35 | 6°11'11 | 11°39'39 | 18°13'13 | 16°53'53 | 6°19'19 | 15°32'32 | S 4 |
| S 5 | 13 27 12 | 23°38'18 | 28°0'0 | 25°46'46 | 26°24'24 | 25°29'29 | 6°17'17 | 21°40'40 | 9°37'37 | 6°11'11 | 11°38'38 | 18°14'14 | 16°50'50 | 6°25'25 | 15°36'36 | S 5 |
| M 6 | 13 31 9 | 24°36'46 | 10°57'57 | 27°54'54 | 27°38'38 | 25°22'22 | 6°10'10 | 21°46'46 | 9°38'38 | 6°11'11 | 11°36'36 | 18°15'15 | 16°47'47 | 6°32'32 | 15°40'40 | M 6 |
| T 7 | 13 35 5 | 25°35'12 | 23°40'40 | 0°8'8 | 28°52'52 | 25°13'13 | 6°3'3 | 21°53'53 | 9°40'40 | 6°10'10 | 11°34'34 | 18°R15 | 16°44'44 | 6°39'39 | 15°44'44 | T 7 |
| W 8 | 13 39 2 | 26°33'36 | 6°12'12 | 2°10'10 | 0°8'8 | 25°4'4 | 5°56'56 | 21°59'59 | 9°41'41 | 6°10'10 | 11°33'33 | 18°14'14 | 16°40'40 | 6°46'46 | 15°48'48 | W 8 |
| T 9 | 13 42 58 | 27°31'58 | 18°34'34 | 4°17'17 | 1°20'20 | 24°55'55 | 5°49'49 | 22°6'6 | 9°43'43 | 6°10'10 | 11°31'31 | 18°10'10 | 16°37'37 | 6°52'52 | 15°52'52 | T 9 |
| F 10 | 13 46 55 | 28°30'18 | 0°M47 | 6°24'24 | 2°34'34 | 24°44'44 | 5°42'42 | 22°12'12 | 9°44'44 | 6°10'10 | 11°30'30 | 18°5'5 | 16°34'34 | 6°59'59 | 15°57'57 | F 10 |
| S 11 | 13 50 52 | 29°28'36 | 12°52'52 | 8°30'30 | 3°48'48 | 24°33'33 | 5°36'36 | 22°19'19 | 9°45'45 | 6°9'9 | 11°28'28 | 17°58'58 | 16°31'31 | 7°6'6 | 16°1'1 | S 11 |
| S 12 | 13 54 48 | 0°26'53 | 24°52'52 | 10°34'34 | 5°2'2 | 24°21'21 | 5°29'29 | 22°25'25 | 9°46'46 | 6°9'9 | 11°26'26 | 17°50'50 | 16°28'28 | 7°12'12 | 16°5'5 | S 12 |
| M13 | 13 58 45 | 1°25'08 | 6°M47 | 12°37'37 | 6°16'16 | 24°9'9 | 5°23'23 | 22°32'32 | 9°47'47 | 6°8'8 | 11°25'25 | 17°42'42 | 16°24'24 | 7°19'19 | 16°9'9 | M13 |
| T 14 | 14 2 41 | 2°23'21 | 18°39'39 | 14°37'37 | 7°30'30 | 23°56'56 | 5°17'17 | 22°38'38 | 9°49'49 | 6°8'8 | 11°23'23 | 17°35'35 | 16°21'21 | 7°26'26 | 16°14'14 | T 14 |
| W15 | 14 6 38 | 3°21'32 | 0°32'32 | 16°36'36 | 8°44'44 | 23°42'42 | 5°11'11 | 22°44'44 | 9°50'50 | 6°7'7 | 11°21'21 | 17°29'29 | 16°18'18 | 7°33'33 | 16°18'18 | W15 |
| T 16 | 14 10 34 | 4°19'43 | 12°28'28 | 18°32'32 | 9°58'58 | 23°27'27 | 5°5'5 | 22°51'51 | 9°51'51 | 6°7'7 | 11°20'20 | 17°24'24 | 16°15'15 | 7°39'39 | 16°22'22 | T 16 |
| F 17 | 14 14 31 | 5°17'51 | 24°32'32 | 20°25'25 | 11°12'12 | 23°12'12 | 4°59'59 | 22°57'57 | 9°52'52 | 6°6'6 | 11°18'18 | 17°22'22 | 16°12'12 | 7°46'46 | 16°27'27 | F 17 |
| S 18 | 14 18 27 | 6°15'58 | 6°M49 | 22°15'15 | 12°26'26 | 22°56'56 | 4°53'53 | 23°3'3 | 9°52'52 | 6°6'6 | 11°16'16 | 17°D21 | 16°9'9 | 7°53'53 | 16°31'31 | S 18 |
| S 19 | 14 22 24 | 7°14'04 | 19°22'22 | 24°3'3 | 13°40'40 | 22°39'39 | 4°47'47 | 23°9'9 | 9°53'53 | 6°5'5 | 11°15'15 | 17°21'21 | 16°5'5 | 8°0'0 | 16°35'35 | S 19 |
| M20 | 14 26 21 | 8°12'08 | 2°M17 | 25°47'47 | 14°54'54 | 22°22'22 | 4°42'42 | 23°15'15 | 9°54'54 | 6°4'4 | 11°13'13 | 17°23'23 | 16°2'2 | 8°6'6 | 16°40'40 | M20 |
| T 21 | 14 30 17 | 9°10'11 | 15°37'37 | 27°27'27 | 16°8'8 | 22°5'5 | 4°37'37 | 23°21'21 | 9°55'55 | 6°4'4 | 11°11'11 | 17°R23 | 15°59'59 | 8°13'13 | 16°44'44 | T 21 |
| W22 | 14 34 14 | 10°8'12 | 29°25'25 | 29°4'4 | 17°22'22 | 21°47'47 | 4°31'31 | 23°27'27 | 9°56'56 | 6°3'3 | 11°10'10 | 17°23'23 | 15°56'56 | 8°20'20 | 16°48'48 | W22 |
| T 23 | 14 38 10 | 11°6'12 | 13°M41 | 0°M38 | 18°35'35 | 21°28'28 | 4°26'26 | 23°33'33 | 9°56'56 | 6°2'2 | 11°8'8 | 17°20'20 | 15°53'53 | 8°26'26 | 16°53'53 | T 23 |
| F 24 | 14 42 7 | 12°4'11 | 28°22'22 | 2°7'7 | 19°49'49 | 21°9'9 | 4°22'22 | 23°38'38 | 9°57'57 | 6°2'2 | 11°6'6 | 17°15'15 | 15°49'49 | 8°33'33 | 16°57'57 | F 24 |
| S 25 | 14 46 3 | 13°2'08 | 13°M22 | 3°33'33 | 21°3'3 | 20°49'49 | 4°17'17 | 23°44'44 | 9°57'57 | 6°1'1 | 11°5'5 | 17°8'8 | 15°46'46 | 8°40'40 | 17°2'2 | S 25 |
| S 26 | 14 50 0 | 14°0'03 | 28°32'32 | 4°56'56 | 22°17'17 | 20°29'29 | 4°12'12 | 23°50'50 | 9°58'58 | 6°0'0 | 11°3'3 | 17°0'0 | 15°43'43 | 8°47'47 | 17°6'6 | S 26 |
| M27 | 14 53 56 | 14°57'57 | 13°M42 | 6°14'14 | 23°31'31 | 20°9'9 | 4°8'8 | 23°55'55 | 9°58'58 | 5°59'59 | 11°1'1 | 16°51'51 | 15°40'40 | 8°53'53 | 17°10'10 | M27 |
| T 28 | 14 57 53 | 15°55'49 | 28°41'41 | 7°28'28 | 24°45'45 | 19°49'49 | 4°9'9 | 24°1'1 | 9°59'59 | 5°58'58 | 11°0'0 | 16°44'44 | 15°37'37 | 9°0'0 | 17°15'15 | T 28 |
| W29 | 15 1 50 | 16°53'40 | 13°22'22 | 8°38'38 | 25°58'58 | 19°28'28 | 3°59'59 | 24°7'7 | 9°59'59 | 5°57'57 | 10°58'58 | 16°37'37 | 15°34'34 | 9°7'7 | 17°19'19 | W29 |
| T 30 | 15 5 46 | 17°51'29 | 27°23'23 | 9°M44 | 27°12'12 | 19°M7 | 3°M55 | 24°12'12 | 10°M0 | 5°M36 | 10°M56 | 16°M34 | 15°M30 | 9°M13 | 17°M24 | T 30 |

ASTRODIENST EPHEMERIS for the year 1495

geocentric

MAY 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|----------|----------|----------|--------|-------|----------|----------|-------|--------|----------|----------|----------|----------|------|
| F 1 | 15 9 43 | 18°49'16 | 11°03'30 | 10°47'47 | 28°02'26 | 18°R46 | 3°R52 | 24°17'17 | 10°00'00 | 5°R56 | 10°R55 | 16°R32 | 15°17'27 | 9°27'20 | 17°02'28 | F 1 |
| S 2 | 15 13 39 | 19°47'01 | 24°56'00 | 11°44'00 | 29°40'00 | 18°M25 | 3°A48 | 24°23'00 | 10°00'00 | 5°S55 | 10°M53 | 16°D32 | 15°24'00 | 9°27'00 | 17°32'00 | S 2 |
| S 3 | 15 17 36 | 20°44'45 | 8°17'00 | 12°38'00 | 0°11'53 | 18° 3 | 3°45 | 24°28'00 | 10°00'00 | 5°54 | 10°51 | 16°17'32 | 15°21'00 | 9°34'00 | 17°37'00 | S 3 |
| M 4 | 15 21 32 | 21°42'27 | 20°45'00 | 13°27'00 | 2° 7 | 17°42 | 3°41 | 24°33'00 | 10°00'00 | 5°53 | 10°50 | 16°R32 | 15°18'00 | 9°40'00 | 17°41'00 | M 4 |
| T 5 | 15 25 29 | 22°40'07 | 3°15'15 | 14°12'00 | 3°21'00 | 17°21 | 3°38 | 24°38'00 | 10°00'00 | 5°51 | 10°48 | 16°31'00 | 15°15'00 | 9°47'00 | 17°46'00 | T 5 |
| W 6 | 15 29 25 | 23°37'46 | 15°33'00 | 14°52'00 | 4°34'00 | 17° 0 | 3°35 | 24°43'00 | 10°R 0 | 5°50 | 10°46 | 16°28'00 | 15°11'00 | 9°54'00 | 17°50'00 | W 6 |
| T 7 | 15 33 22 | 24°35'23 | 27°42'00 | 15°28'00 | 5°48'00 | 16°38 | 3°32 | 24°48'00 | 10°00'00 | 5°49 | 10°45 | 16°21'00 | 15° 8'00 | 10° 1'00 | 17°54'00 | T 7 |
| F 8 | 15 37 18 | 25°32'59 | 9°14'45 | 15°59'00 | 7° 2 | 16°18 | 3°30 | 24°53'00 | 10°00'00 | 5°48 | 10°43 | 16°13'00 | 15° 5'00 | 10° 7'00 | 17°59'00 | F 8 |
| S 9 | 15 41 15 | 26°30'33 | 21°42'00 | 16°26'00 | 8°15'00 | 15°57 | 3°27 | 24°58'00 | 10°00'00 | 5°47 | 10°41 | 16° 1'00 | 15° 2'00 | 10°14'00 | 18° 3'00 | S 9 |
| S 10 | 15 45 12 | 27°28'07 | 3°17'37 | 16°48'00 | 9°29'00 | 15°36 | 3°25 | 25° 2'00 | 10°00'00 | 5°46 | 10°40 | 15°49'00 | 14°59'00 | 10°21'00 | 18° 8'00 | S 10 |
| M 11 | 15 49 8 | 28°25'39 | 15°30'00 | 17° 5'00 | 10°42'00 | 15°16 | 3°23 | 25° 7'00 | 10°00'00 | 5°45 | 10°38 | 15°36'00 | 14°55'00 | 10°27'00 | 18°12'00 | M 11 |
| T 12 | 15 53 5 | 29°23'10 | 27°23'00 | 17°17'00 | 11°56'00 | 14°56 | 3°21 | 25°12'00 | 10°00'00 | 5°43 | 10°37 | 15°24'00 | 14°52'00 | 10°34'00 | 18°16'00 | T 12 |
| W 13 | 15 57 1 | 0°11'20 | 9°17'17 | 17°25'00 | 13°10'00 | 14°37 | 3°20 | 25°16'00 | 9°59'00 | 5°42 | 10°35 | 15°13'00 | 14°49'00 | 10°41'00 | 18°21'00 | W 13 |
| T 14 | 16 0 58 | 1°18'10 | 21°15'00 | 17°R28 | 14°23'00 | 14°18 | 3°18 | 25°21'00 | 9°59'00 | 5°41 | 10°34 | 15° 4'00 | 14°46'00 | 10°48'00 | 18°25'00 | T 14 |
| F 15 | 16 4 54 | 2°15'38 | 3°15'20 | 17°26'00 | 15°37'00 | 13°59 | 3°17 | 25°25'00 | 9°58'00 | 5°40 | 10°32 | 14°59'00 | 14°43'00 | 10°54'00 | 18°29'00 | F 15 |
| S 16 | 16 8 51 | 3°13'06 | 15°36'00 | 17°20'00 | 16°50'00 | 13°41 | 3°16 | 25°29'00 | 9°58'00 | 5°38 | 10°31 | 14°56'00 | 14°40'00 | 11° 1'00 | 18°34'00 | S 16 |
| S 17 | 16 12 47 | 4°10'33 | 28° 7'00 | 17°10'00 | 18° 4'00 | 13°23 | 3°15 | 25°33'00 | 9°58'00 | 5°37 | 10°29 | 14°55'00 | 14°36'00 | 11° 8'00 | 18°38'00 | S 17 |
| M 18 | 16 16 44 | 5° 7'59 | 10°15'58 | 16°56'00 | 19°17'00 | 13° 6 | 3°14 | 25°38'00 | 9°57'00 | 5°36 | 10°28 | 14°55'00 | 14°33'00 | 11°15'00 | 18°42'00 | M 18 |
| T 19 | 16 20 41 | 6° 5'24 | 24°13'00 | 16°38'00 | 20°31'00 | 12°49 | 3°13 | 25°42'00 | 9°56'00 | 5°34 | 10°26 | 14°54'00 | 14°30'00 | 11°21'00 | 18°46'00 | T 19 |
| W 20 | 16 24 37 | 7° 2'49 | 7°15'54 | 16°16'00 | 21°44'00 | 12°34 | 3°13 | 25°45'00 | 9°56'00 | 5°33 | 10°25 | 14°53'00 | 14°27'00 | 11°28'00 | 18°51'00 | W 20 |
| T 21 | 16 28 34 | 8° 0'13 | 22° 5'00 | 15°51'00 | 22°58'00 | 12°18 | 3°12 | 25°49'00 | 9°55'00 | 5°32 | 10°23 | 14°49'00 | 14°24'00 | 11°35'00 | 18°55'00 | T 21 |
| F 22 | 16 32 30 | 8°57'36 | 6°18'43 | 15°24'00 | 24°11'00 | 12° 4 | 3°D12 | 25°53'00 | 9°54'00 | 5°30 | 10°22 | 14°43'00 | 14°21'00 | 11°41'00 | 18°59'00 | F 22 |
| S 23 | 16 36 27 | 9°54'59 | 21°44'00 | 14°54'00 | 25°25'00 | 11°50 | 3°12 | 25°57'00 | 9°53'00 | 5°29 | 10°20 | 14°35'00 | 14°17'00 | 11°48'00 | 19° 3'00 | S 23 |
| S 24 | 16 40 23 | 10°52'21 | 7°11'00 | 14°22'00 | 26°38'00 | 11°37 | 3°13 | 26° 0'00 | 9°53'00 | 5°28 | 10°19 | 14°24'00 | 14°14'00 | 11°55'00 | 19° 8'00 | S 24 |
| M 25 | 16 44 20 | 11°49'43 | 22°19'00 | 13°49'00 | 27°51'00 | 11°24 | 3°13 | 26° 4'00 | 9°52'00 | 5°26 | 10°18 | 14°13'00 | 14°11'00 | 12° 2'00 | 19°12'00 | M 25 |
| T 26 | 16 48 17 | 12°47'04 | 7°31'00 | 13°16'00 | 29° 5'00 | 11°12 | 3°14 | 26° 7'00 | 9°51'00 | 5°25 | 10°16 | 14° 3'00 | 14° 8'00 | 12° 8'00 | 19°16'00 | T 26 |
| W 27 | 16 52 13 | 13°44'23 | 22°24'00 | 12°42'00 | 0°05'18 | 11° 1 | 3°15 | 26°11'00 | 9°50'00 | 5°23 | 10°15 | 13°55'00 | 14° 5'00 | 12°15'00 | 19°20'00 | W 27 |
| T 28 | 16 56 10 | 14°41'42 | 6°15'53 | 12° 9'00 | 1°32'00 | 10°51 | 3°16 | 26°14'00 | 9°49'00 | 5°22 | 10°14 | 13°50'00 | 14° 1'00 | 12°22'00 | 19°24'00 | T 28 |
| F 29 | 17 0 6 | 15°39'00 | 20°53'00 | 11°37'00 | 2°45'00 | 10°42 | 3°17 | 26°17'00 | 9°48'00 | 5°20 | 10°12 | 13°46'00 | 13°58'00 | 12°28'00 | 19°28'00 | F 29 |
| S 30 | 17 4 3 | 16°36'17 | 4°17'24 | 11° 6'00 | 3°58'00 | 10°34 | 3°18 | 26°20'00 | 9°47'00 | 5°19 | 10°11 | 13°45'00 | 13°55'00 | 12°35'00 | 19°32'00 | S 30 |
| S 31 | 17 7 59 | 17°11'33 | 17°17'29 | 10°11'38 | 5°05'12 | 10°M26 | 3°A20 | 26°11'23 | 9°11'46 | 5°17 | 10°M10 | 13°17'45 | 13°17'52 | 12°11'42 | 19°03'36 | S 31 |

Delta T = 05m01s

Julian Calendar 1 May 1495 == Greg. Calendar 10 May 1495

JUNE 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-------------|----------|----------|----------|----------|---------|----------|---------|---------|--------|--------|----------|----------|----------|------|
| M 1 | 17 11 56 | 18°11'30"49 | 0°12'12 | 10°R12 | 6°52'25 | 10°R19 | 3°12'21 | 26°11'26 | 9°R44 | 5°R16 | 10°R 9 | 13°R45 | 13°17'49 | 12°11'49 | 19°04'40 | M 1 |
| T 2 | 17 15 52 | 19°28'03 | 12°37 | 9°11'49 | 7°38 | 10°M13 | 3°23 | 26°29 | 9°11'43 | 5°S14 | 10°M 7 | 13°M43 | 13°46 | 12°55 | 19°44 | T 2 |
| W 3 | 17 19 49 | 20°25'17 | 24°48 | 9°30 | 8°51 | 10° 8 | 3°25 | 26°32 | 9°42 | 5°13 | 10° 6 | 13°40 | 13°42 | 13° 2 | 19°48 | W 3 |
| T 4 | 17 23 46 | 21°22'29 | 6°M50 | 9°14 | 10° 5 | 10° 4 | 3°28 | 26°34 | 9°41 | 5°11 | 10° 5 | 13°33 | 13°39 | 13° 9 | 19°52 | T 4 |
| F 5 | 17 27 42 | 22°19'42 | 18°47 | 9° 2 | 11°18 | 10° 0 | 3°30 | 26°37 | 9°39 | 5° 9 | 10° 4 | 13°24 | 13°36 | 13°16 | 19°56 | F 5 |
| S 6 | 17 31 39 | 23°16'54 | 0°17'40 | 8°55 | 12°31 | 9°57 | 3°33 | 26°39 | 9°38 | 5° 8 | 10° 3 | 13°13 | 13°33 | 13°22 | 20° 0 | S 6 |
| S 7 | 17 35 35 | 24°14'05 | 12°32 | 8°D52 | 13°44 | 9°56 | 3°35 | 26°42 | 9°36 | 5° 6 | 10° 2 | 13° 0 | 13°30 | 13°29 | 20° 4 | S 7 |
| M 8 | 17 39 32 | 25°11'16 | 24°25 | 8°53 | 14°57 | 9°55 | 3°38 | 26°44 | 9°35 | 5° 5 | 10° 1 | 12°46 | 13°27 | 13°36 | 20° 8 | M 8 |
| T 9 | 17 43 28 | 26° 8'27 | 6°S21 | 9° 0 | 16°11 | 9°D55 | 3°41 | 26°46 | 9°34 | 5° 3 | 10° 0 | 12°33 | 13°23 | 13°42 | 20°12 | T 9 |
| W10 | 17 47 25 | 27° 5'38 | 18°20 | 9°11 | 17°24 | 9°55 | 3°45 | 26°48 | 9°32 | 5° 2 | 9°59 | 12°22 | 13°20 | 13°49 | 20°15 | W10 |
| T11 | 17 51 21 | 28° 2'48 | 0°12'24 | 9°27 | 18°37 | 9°57 | 3°48 | 26°50 | 9°30 | 5° 0 | 9°58 | 12°13 | 13°17 | 13°56 | 20°19 | T11 |
| F 12 | 17 55 18 | 28°59'58 | 12°36 | 9°47 | 19°50 | 9°59 | 3°52 | 26°52 | 9°29 | 4°58 | 9°57 | 12° 7 | 13°14 | 14° 3 | 20°23 | F 12 |
| S 13 | 17 59 15 | 29°57'08 | 24°58 | 10°13 | 21° 3 | 10° 2 | 3°55 | 26°54 | 9°27 | 4°57 | 9°56 | 12° 4 | 13°11 | 14° 9 | 20°26 | S 13 |
| S 14 | 18 3 11 | 0°05'41"19 | 7°11'33 | 10°43 | 22°16 | 10° 6 | 3°59 | 26°55 | 9°25 | 4°55 | 9°55 | 12°D 3 | 13° 7 | 14°16 | 20°30 | S 14 |
| M15 | 18 7 8 | 1°51'29 | 20°24 | 11°18 | 23°29 | 10°10 | 4° 3 | 26°57 | 9°24 | 4°53 | 9°54 | 12° 3 | 13° 4 | 14°23 | 20°34 | M15 |
| T 16 | 18 11 4 | 2°48'40 | 3°17'36 | 11°58 | 24°42 | 10°16 | 4° 8 | 26°59 | 9°22 | 4°52 | 9°53 | 12°R 3 | 13° 1 | 14°30 | 20°37 | T 16 |
| W17 | 18 15 1 | 3°45'50 | 17°12 | 12°42 | 25°55 | 10°22 | 4°12 | 27° 0 | 9°20 | 4°50 | 9°52 | 12° 3 | 12°58 | 14°36 | 20°41 | W17 |
| T 18 | 18 18 57 | 4°43'02 | 1°13'13 | 13°31 | 27° 8 | 10°29 | 4°16 | 27° 1 | 9°18 | 4°49 | 9°52 | 12° 0 | 12°55 | 14°43 | 20°44 | T 18 |
| F 19 | 18 22 54 | 5°40'13 | 15°40 | 14°24 | 28°21 | 10°36 | 4°21 | 27° 2 | 9°17 | 4°47 | 9°51 | 11°55 | 12°52 | 14°50 | 20°48 | F 19 |
| S 20 | 18 26 50 | 6°37'25 | 0°11'29 | 15°22 | 29°34 | 10°45 | 4°26 | 27° 3 | 9°15 | 4°45 | 9°50 | 11°48 | 12°48 | 14°56 | 20°51 | S 20 |
| S 21 | 18 30 47 | 7°34'37 | 15°35 | 16°25 | 0°12'47 | 10°54 | 4°31 | 27° 4 | 9°13 | 4°44 | 9°49 | 11°40 | 12°45 | 15° 3 | 20°55 | S 21 |
| M22 | 18 34 44 | 8°31'50 | 0°07'47 | 17°31 | 2° 0 | 11° 4 | 4°36 | 27° 5 | 9°11 | 4°42 | 9°49 | 11°30 | 12°42 | 15°10 | 20°58 | M22 |
| T 23 | 18 38 40 | 9°29'02 | 15°56 | 18°42 | 3°13 | 11°14 | 4°41 | 27° 6 | 9° 9 | 4°41 | 9°48 | 11°22 | 12°39 | 15°17 | 21° 1 | T 23 |
| W24 | 18 42 37 | 10°26'15 | 0°12'50 | 19°58 | 4°26 | 11°26 | 4°47 | 27° 7 | 9° 7 | 4°39 | 9°48 | 11°15 | 12°36 | 15°23 | 21° 5 | W24 |
| T 25 | 18 46 33 | 11°23'28 | 15°23 | 21°17 | 5°39 | 11°38 | 4°53 | 27° 7 | 9° 5 | 4°37 | 9°47 | 11°10 | 12°33 | 15°30 | 21° 8 | T 25 |
| F 26 | 18 50 30 | 12°20'41 | 29°29 | 22°40 | 6°52 | 11°50 | 4°58 | 27° 8 | 9° 3 | 4°36 | 9°46 | 11° 7 | 12°29 | 15°37 | 21°11 | F 26 |
| S 27 | 18 54 26 | 13°17'54 | 13°17'00 | 24° 8 | 8° 5 | 12° 4 | 5° 4 | 27° 8 | 9° 1 | 4°34 | 9°46 | 11°D 7 | 12°26 | 15°43 | 21°14 | S 27 |
| S 28 | 18 58 23 | 14°15'06 | 26°16 | 25°39 | 9°18 | 12°18 | 5°10 | 27° 8 | 8°59 | 4°33 | 9°45 | 11° 7 | 12°23 | 15°50 | 21°17 | S 28 |
| M29 | 19 2 19 | 15°12'19 | 9°12 | 27°15 | 10°30 | 12°32 | 5°16 | 27° 9 | 8°57 | 4°31 | 9°45 | 11° 8 | 12°20 | 15°57 | 21°20 | M29 |
| T30 | 19 6 16 | 16°09'32 | 21°12'28 | 28°11'54 | 11°10'43 | 12°11'48 | 5°12'23 | 27°R 9 | 8°11'55 | 4°32'29 | 9°M45 | 11°R 8 | 12°17'17 | 16°11'4 | 21°18'23 | T 30 |

ASTRODIENST EPHEMERIS for the year 1495

geocentric

JULY 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-------------|-----------|-----------|-----------|-----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|-----------|------|
| W 1 | 19 10 13 | 17°56'46" | 3°11'39" | 0°53'36" | 12°05'56" | 13°11'33" | 5°42'29" | 27°09'09" | 8°05'52" | 4°02'28" | 9°04'44" | 11°07'07" | 12°09'13" | 16°07'10" | 21°08'26" | W 1 |
| T 2 | 19 14 9 | 18°03'59" | 15°39'39" | 2°02'22" | 14°09'14" | 13°20'05" | 5°36'27" | 27°08'08" | 8°05'50" | 4°02'26" | 9°04'44" | 11°07'03" | 12°10'10" | 16°16'17" | 21°29'29" | T 2 |
| F 3 | 19 18 6 | 19°01'13" | 27°34'26" | 4°12'04" | 15°21'31" | 13°37'05" | 5°43'27" | 27°08'08" | 8°04'48" | 4°02'25" | 9°04'44" | 10°57'10" | 12°07'12" | 16°24'16" | 21°32'32" | F 3 |
| S 4 | 19 22 2 | 19°58'27" | 9°02'26" | 6°04'04" | 16°34'13" | 13°55'05" | 5°49'27" | 27°08'08" | 8°04'46" | 4°02'23" | 9°04'43" | 10°50'10" | 12°04'12" | 16°31'16" | 21°35'35" | S 4 |
| S 5 | 19 25 59 | 20°55'41" | 21°19'09" | 7°59'17" | 17°47'14" | 14°13'05" | 5°56'27" | 27°07'07" | 8°04'44" | 4°02'22" | 9°04'43" | 10°41'10" | 12°01'12" | 16°37'16" | 21°38'38" | S 5 |
| M 6 | 19 29 55 | 21°52'56" | 3°03'15" | 9°57'18" | 18°59'14" | 14°32'06" | 6°03'27" | 27°07'07" | 8°04'41" | 4°02'20" | 9°04'43" | 10°32'10" | 11°58'11" | 16°44'16" | 21°40'40" | M 6 |
| T 7 | 19 33 52 | 22°50'11" | 15°16'11" | 11°56'20" | 20°12'14" | 14°51'06" | 6°11'27" | 27°06'06" | 8°03'39" | 4°01'18" | 9°04'43" | 10°23'10" | 11°54'11" | 16°51'16" | 21°43'43" | T 7 |
| W 8 | 19 37 48 | 23°47'27" | 27°23'13" | 13°58'21" | 21°25'15" | 15°11'06" | 6°18'27" | 27°05'05" | 8°03'37" | 4°01'17" | 9°04'42" | 10°16'10" | 11°51'11" | 16°57'16" | 21°46'46" | W 8 |
| T 9 | 19 41 45 | 24°44'44" | 9°03'39" | 16°01'22" | 22°37'15" | 15°31'06" | 6°26'27" | 27°05'05" | 8°03'34" | 4°01'15" | 9°04'42" | 10°10'10" | 11°48'11" | 17°04'17" | 21°48'48" | T 9 |
| F 10 | 19 45 42 | 25°42'01" | 22°03'18" | 18°06'23" | 23°50'15" | 15°52'06" | 6°33'27" | 27°04'04" | 8°03'32" | 4°01'14" | 9°04'42" | 10°06'10" | 11°45'11" | 17°11'17" | 21°51'51" | F 10 |
| S 11 | 19 49 38 | 26°39'19" | 4°03'38" | 20°11'25" | 25°02'16" | 16°14'06" | 6°41'27" | 27°03'03" | 8°03'30" | 4°01'13" | 9°04'42" | 10°05'10" | 11°42'11" | 17°18'18" | 21°53'53" | S 11 |
| S 12 | 19 53 35 | 27°36'39" | 17°25'22" | 22°17'26" | 26°15'16" | 16°36'06" | 6°49'27" | 27°01'01" | 8°02'28" | 4°01'11" | 9°04'42" | 10°05'10" | 11°39'11" | 17°24'24" | 21°56'56" | S 12 |
| M13 | 19 57 31 | 28°33'59" | 0°02'26" | 24°24'27" | 27°27'16" | 16°58'06" | 6°57'27" | 27°00'00" | 8°02'25" | 4°01'10" | 9°04'42" | 10°06'10" | 11°35'11" | 17°31'31" | 21°58'58" | M13 |
| T 14 | 20 1 28 | 29°31'20" | 13°43'26" | 26°30'28" | 28°39'17" | 17°21'07" | 7°05'26" | 26°59'08" | 8°02'23" | 4°00'08" | 9°04'42" | 10°07'10" | 11°32'11" | 17°38'38" | 22°00'00" | T 14 |
| W15 | 20 5 24 | 0°02'28'42" | 27°19'28" | 28°36'29" | 29°52'17" | 17°44'07" | 7°13'26" | 26°57'08" | 8°02'20" | 4°00'07" | 9°04'42" | 10°08'10" | 11°29'11" | 17°45'45" | 22°02'02" | W15 |
| T 16 | 20 9 21 | 1°26'05" | 11°05'15" | 0°02'42" | 1°04'18" | 18°08'07" | 7°22'26" | 26°56'08" | 8°01'18" | 4°00'05" | 9°04'43" | 10°08'10" | 11°26'11" | 17°51'51" | 22°05'05" | T 16 |
| F 17 | 20 13 17 | 2°23'30" | 25°29'24" | 2°47'21" | 2°17'18" | 18°32'07" | 7°30'26" | 26°54'08" | 8°01'16" | 4°00'04" | 9°04'43" | 10°06'10" | 11°23'11" | 17°58'58" | 22°07'07" | F 17 |
| S 18 | 20 17 14 | 3°20'56" | 10°02'11" | 4°51'31" | 3°29'18" | 18°57'07" | 7°39'26" | 26°52'08" | 8°01'13" | 4°00'03" | 9°04'43" | 10°02'10" | 11°19'11" | 18°05'05" | 22°09'09" | S 18 |
| S 19 | 20 21 11 | 4°18'23" | 24°47'06" | 6°54'44" | 4°41'19" | 19°22'07" | 7°47'26" | 26°51'08" | 8°01'11" | 4°00'01" | 9°04'43" | 9°58'10" | 11°16'11" | 18°11'11" | 22°11'11" | S 19 |
| M20 | 20 25 7 | 5°15'52" | 9°03'39" | 8°56'55" | 5°53'19" | 19°48'07" | 7°56'26" | 26°49'08" | 8°00'09" | 4°00'00" | 9°04'43" | 9°53'10" | 11°13'11" | 18°18'18" | 22°13'13" | M20 |
| T 21 | 20 29 4 | 6°13'22" | 24°29'10" | 10°56'20" | 7°06'20" | 20°14'08" | 8°05'26" | 26°47'08" | 8°00'06" | 3°59'49" | 9°04'44" | 9°48'10" | 11°10'11" | 18°25'25" | 22°15'15" | T 21 |
| W22 | 20 33 0 | 7°10'52" | 9°02'10" | 12°56'08" | 8°18'20" | 20°40'08" | 8°14'26" | 26°45'08" | 8°00'04" | 3°57'49" | 9°04'44" | 9°44'10" | 11°07'11" | 18°32'32" | 22°17'17" | W22 |
| T 23 | 20 36 57 | 8°08'24" | 23°35'14" | 14°54'09" | 9°30'21" | 21°07'08" | 8°23'26" | 26°42'08" | 8°00'01" | 3°56'49" | 9°04'44" | 9°42'10" | 11°04'11" | 18°38'38" | 22°19'19" | T 23 |
| F 24 | 20 40 53 | 9°05'57" | 7°03'37" | 16°50'10" | 10°42'21" | 21°34'08" | 8°32'26" | 26°40'07" | 7°59'35" | 3°55'49" | 9°04'45" | 9°04'41" | 11°00'11" | 18°45'45" | 22°20'20" | F 24 |
| S 25 | 20 44 50 | 10°03'30" | 21°15'18" | 18°45'11" | 11°54'22" | 22°02'08" | 8°42'26" | 26°38'07" | 7°57'35" | 3°54'49" | 9°04'45" | 9°04'41" | 10°57'11" | 18°52'52" | 22°22'22" | S 25 |
| S 26 | 20 48 46 | 11°01'05" | 4°02'27" | 20°39'13" | 13°06'22" | 22°30'08" | 8°51'26" | 26°35'07" | 7°54'35" | 3°52'49" | 9°04'46" | 9°43'10" | 10°54'11" | 18°58'58" | 22°24'24" | S 26 |
| M27 | 20 52 43 | 11°58'41" | 17°17'22" | 22°31'14" | 14°18'22" | 22°58'09" | 9°01'26" | 26°33'07" | 7°52'35" | 3°51'49" | 9°04'46" | 9°44'10" | 10°51'11" | 19°05'05" | 22°25'25" | M27 |
| T 28 | 20 56 40 | 12°56'17" | 29°46'24" | 24°22'15" | 15°30'23" | 23°27'09" | 9°10'26" | 26°30'07" | 7°49'35" | 3°50'49" | 9°04'47" | 9°46'10" | 10°48'11" | 19°12'12" | 22°27'27" | T 28 |
| W29 | 21 0 36 | 13°53'55" | 12°00'26" | 26°11'16" | 16°42'23" | 23°56'09" | 9°20'26" | 26°27'07" | 7°47'34" | 3°49'49" | 9°04'47" | 9°04'46" | 10°44'11" | 19°19'19" | 22°28'28" | W29 |
| T 30 | 21 4 33 | 14°51'33" | 24°01'27" | 27°59'17" | 17°54'24" | 24°26'09" | 9°30'26" | 26°24'07" | 7°45'34" | 3°48'48" | 9°04'48" | 9°46'10" | 10°41'11" | 19°25'25" | 22°30'30" | T 30 |
| F 31 | 21 8 29 | 15°49'13" | 5°02'57" | 29°04'19" | 19°06'24" | 24°56'09" | 9°40'26" | 26°22'07" | 7°44'37" | 3°47'47" | 9°04'48" | 9°04'44" | 10°38'11" | 19°32'32" | 22°31'31" | F 31 |

Delta T = 05m01s

Julian Calendar 1 July 1495 == Greg. Calendar 10 July 1495

AUGUST 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|--------|------|
| S 1 | 21 12 26 | 16♌46'54 | 17♏49 | 1♐30 | 20♐18 | 25♐26 | 9♏50 | 26°R19 | 7°R40 | 3°R46 | 9♐49 | 9°R42 | 10♐35 | 19♏39 | 22♏32 | S 1 |
| S 2 | 21 16 22 | 17°44'36 | 29°44 | 3°13 | 21°30 | 25°56 | 10° 0 | 26♋16 | 7♌38 | 3♌44 | 9°50 | 9♐39 | 10°32 | 19°46 | 22°33 | S 2 |
| M 3 | 21 20 19 | 18°42'19 | 11♌43 | 4°55 | 22°41 | 26°27 | 10°10 | 26°12 | 7°35 | 3°43 | 9°51 | 9°36 | 10°29 | 19°52 | 22°35 | M 3 |
| T 4 | 21 24 15 | 19°40'03 | 23°51 | 6°36 | 23°53 | 26°58 | 10°20 | 26° 9 | 7°33 | 3°42 | 9°51 | 9°32 | 10°25 | 19°59 | 22°36 | T 4 |
| W 5 | 21 28 12 | 20°37'49 | 6♌8 | 8°15 | 25° 5 | 27°30 | 10°31 | 26° 6 | 7°31 | 3°41 | 9°52 | 9°30 | 10°22 | 20° 6 | 22°37 | W 5 |
| T 6 | 21 32 9 | 21°35'36 | 18°37 | 9°53 | 26°16 | 28° 1 | 10°41 | 26° 3 | 7°28 | 3°40 | 9°53 | 9°28 | 10°19 | 20°12 | 22°38 | T 6 |
| F 7 | 21 36 5 | 22°33'24 | 1♋18 | 11°29 | 27°28 | 28°33 | 10°51 | 25°59 | 7°26 | 3°40 | 9°54 | 9°27 | 10°16 | 20°19 | 22°38 | F 7 |
| S 8 | 21 40 2 | 23°31'14 | 14°12 | 13° 4 | 28°39 | 29° 6 | 11° 2 | 25°56 | 7°24 | 3°39 | 9°55 | 9°D27 | 10°13 | 20°26 | 22°39 | S 8 |
| S 9 | 21 43 58 | 24°29'05 | 27°20 | 14°37 | 29°51 | 29°38 | 11°13 | 25°52 | 7°21 | 3°38 | 9°56 | 9°27 | 10°10 | 20°33 | 22°40 | S 9 |
| M10 | 21 47 55 | 25°26'59 | 10♐40 | 16° 9 | 1♏ 2 | 0♏11 | 11°23 | 25°48 | 7°19 | 3°37 | 9°57 | 9°28 | 10° 6 | 20°39 | 22°41 | M10 |
| T 11 | 21 51 51 | 26°24'54 | 24°14 | 17°40 | 2°14 | 0°44 | 11°34 | 25°45 | 7°17 | 3°36 | 9°58 | 9°29 | 10° 3 | 20°46 | 22°41 | T 11 |
| W12 | 21 55 48 | 27°22'50 | 8♏ 0 | 19°10 | 3°25 | 1°18 | 11°45 | 25°41 | 7°15 | 3°35 | 9°59 | 9°30 | 10° 0 | 20°53 | 22°42 | W12 |
| T 13 | 21 59 44 | 28°20'49 | 21°58 | 20°38 | 4°36 | 1°51 | 11°56 | 25°37 | 7°13 | 3°34 | 10° 0 | 9°31 | 9°57 | 20°59 | 22°42 | T 13 |
| F 14 | 22 3 41 | 29°18'50 | 6♐17 | 22° 4 | 5°48 | 2°25 | 12° 7 | 25°33 | 7°10 | 3°34 | 10° 1 | 9°R31 | 9°54 | 21° 6 | 22°43 | F 14 |
| S 15 | 22 7 38 | 0♐16'53 | 20°25 | 23°30 | 6°59 | 2°59 | 12°18 | 25°29 | 7° 8 | 3°33 | 10° 2 | 9°30 | 9°50 | 21°13 | 22°43 | S 15 |
| S 16 | 22 11 34 | 1°14'57 | 4♏49 | 24°53 | 8°10 | 3°34 | 12°30 | 25°25 | 7° 6 | 3°32 | 10° 3 | 9°30 | 9°47 | 21°20 | 22°44 | S 16 |
| M17 | 22 15 31 | 2°13'04 | 19°15 | 26°16 | 9°21 | 4° 9 | 12°41 | 25°21 | 7° 4 | 3°32 | 10° 4 | 9°29 | 9°44 | 21°26 | 22°44 | M17 |
| T 18 | 22 19 27 | 3°11'13 | 3♌39 | 27°36 | 10°32 | 4°44 | 12°52 | 25°17 | 7° 2 | 3°31 | 10° 6 | 9°28 | 9°41 | 21°33 | 22°44 | T 18 |
| W19 | 22 23 24 | 4° 9'23 | 17°55 | 28°56 | 11°43 | 5°19 | 13° 4 | 25°13 | 7° 0 | 3°30 | 10° 7 | 9°27 | 9°38 | 21°40 | 22°44 | W19 |
| T 20 | 22 27 20 | 5° 7'35 | 1♐59 | 0♏13 | 12°54 | 5°54 | 13°15 | 25° 9 | 6°58 | 3°30 | 10° 8 | 9°27 | 9°35 | 21°47 | 22°R44 | T 20 |
| F 21 | 22 31 17 | 6° 5'49 | 15°47 | 1°30 | 14° 5 | 6°30 | 13°27 | 25° 4 | 6°56 | 3°29 | 10° 9 | 9°D27 | 9°31 | 21°53 | 22°44 | F 21 |
| S 22 | 22 35 13 | 7° 4'05 | 29°16 | 2°44 | 15°16 | 7° 6 | 13°38 | 25° 0 | 6°54 | 3°29 | 10°11 | 9°27 | 9°28 | 22° 0 | 22°44 | S 22 |
| S 23 | 22 39 10 | 8° 2'22 | 12♏24 | 3°57 | 16°27 | 7°42 | 13°50 | 24°56 | 6°52 | 3°28 | 10°12 | 9°27 | 9°25 | 22° 7 | 22°44 | S 23 |
| M24 | 22 43 6 | 9° 0'42 | 25°13 | 5° 7 | 17°38 | 8°18 | 14° 2 | 24°51 | 6°50 | 3°28 | 10°13 | 9°R28 | 9°22 | 22°13 | 22°44 | M24 |
| T 25 | 22 47 3 | 9°59'02 | 7♐43 | 6°16 | 18°48 | 8°55 | 14°13 | 24°47 | 6°48 | 3°27 | 10°15 | 9°28 | 9°19 | 22°20 | 22°43 | T 25 |
| W26 | 22 51 0 | 10°57'25 | 19°58 | 7°23 | 19°59 | 9°32 | 14°25 | 24°42 | 6°46 | 3°27 | 10°16 | 9°27 | 9°16 | 22°27 | 22°43 | W26 |
| T 27 | 22 54 56 | 11°55'49 | 2♏ 1 | 8°28 | 21° 9 | 10° 9 | 14°37 | 24°38 | 6°44 | 3°27 | 10°18 | 9°27 | 9°12 | 22°34 | 22°43 | T 27 |
| F 28 | 22 58 53 | 12°54'14 | 13°57 | 9°30 | 22°20 | 10°46 | 14°49 | 24°33 | 6°43 | 3°26 | 10°19 | 9°D27 | 9° 9 | 22°40 | 22°42 | F 28 |
| S 29 | 23 2 49 | 13°52'41 | 25°50 | 10°30 | 23°30 | 11°24 | 15° 1 | 24°29 | 6°41 | 3°26 | 10°21 | 9°27 | 9° 6 | 22°47 | 22°42 | S 29 |
| S 30 | 23 6 46 | 14°51'10 | 7♏45 | 11°27 | 24°41 | 12° 1 | 15°13 | 24°24 | 6°39 | 3°26 | 10°22 | 9°28 | 9° 3 | 22°54 | 22°41 | S 30 |
| M31 | 23 10 42 | 15♐49'41 | 19♌46 | 12♏21 | 25♏51 | 12♏39 | 15♏25 | 24♋20 | 6♌37 | 3♌26 | 10♐24 | 9♐28 | 9♐ 0 | 23♏ 0 | 22♏40 | M31 |

ASTRODIENST EPHEMERIS for the year 1495

geocentric

SEPTEMBER 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|------------------------|---------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|------|
| T 1 | 23 14 39 | 16 ¹¹ 48'13 | 1 ¹¹ 58 | 13 ¹¹ 13 | 27 ¹¹ 1 | 13 ¹¹ 17 | 15 ¹¹ 37 | 24 ¹¹ R15 | 6 ¹¹ R36 | 3 ¹¹ R25 | 10 ¹¹ M26 | 9 ¹¹ M29 | 8 ¹¹ M56 | 23 ¹¹ 7 | 22 ¹¹ R40 | T 1 |
| W 2 | 23 18 35 | 17 ¹¹ 46'47 | 14 ¹¹ 22 | 14 ¹¹ 1 | 28 ¹¹ 11 | 13 ¹¹ 55 | 15 ¹¹ 50 | 24 ¹¹ 11 | 6 ¹¹ 34 | 3 ¹¹ 25 | 10 ¹¹ 27 | 9 ¹¹ 30 | 8 ¹¹ 53 | 23 ¹¹ 14 | 22 ¹¹ 39 | W 2 |
| T 3 | 23 22 32 | 18 ¹¹ 45'23 | 27 ¹¹ 3 | 14 ¹¹ 46 | 29 ¹¹ 22 | 14 ¹¹ 34 | 16 ¹¹ 2 | 24 ¹¹ 6 | 6 ¹¹ 33 | 3 ¹¹ 25 | 10 ¹¹ 29 | 9 ¹¹ 30 | 8 ¹¹ 50 | 23 ¹¹ 21 | 22 ¹¹ 38 | T 3 |
| F 4 | 23 26 29 | 19 ¹¹ 44'01 | 10 ¹¹ 1 | 15 ¹¹ 27 | 0 ¹¹ M32 | 15 ¹¹ 12 | 16 ¹¹ 14 | 24 ¹¹ 1 | 6 ¹¹ 31 | 3 ¹¹ 25 | 10 ¹¹ 31 | 9 ¹¹ R31 | 8 ¹¹ 47 | 23 ¹¹ 27 | 22 ¹¹ 37 | F 4 |
| S 5 | 23 30 25 | 20 ¹¹ 42'40 | 23 ¹¹ 17 | 16 ¹¹ 4 | 1 ¹¹ 42 | 15 ¹¹ 51 | 16 ¹¹ 26 | 23 ¹¹ 57 | 6 ¹¹ 30 | 3 ¹¹ 25 | 10 ¹¹ 32 | 9 ¹¹ 30 | 8 ¹¹ 44 | 23 ¹¹ 34 | 22 ¹¹ 36 | S 5 |
| S 6 | 23 34 22 | 21 ¹¹ 41'22 | 6 ¹¹ 50 | 16 ¹¹ 37 | 2 ¹¹ 51 | 16 ¹¹ 30 | 16 ¹¹ 39 | 23 ¹¹ 52 | 6 ¹¹ 28 | 3 ¹¹ D25 | 10 ¹¹ 34 | 9 ¹¹ 29 | 8 ¹¹ 41 | 23 ¹¹ 41 | 22 ¹¹ 35 | S 6 |
| M 7 | 23 38 18 | 22 ¹¹ 40'05 | 20 ¹¹ 37 | 17 ¹¹ 5 | 4 ¹¹ 1 | 17 ¹¹ 9 | 16 ¹¹ 51 | 23 ¹¹ 47 | 6 ¹¹ 27 | 3 ¹¹ 25 | 10 ¹¹ 36 | 9 ¹¹ 28 | 8 ¹¹ 37 | 23 ¹¹ 47 | 22 ¹¹ 34 | M 7 |
| T 8 | 23 42 15 | 23 ¹¹ 38'51 | 4 ¹¹ 36 | 17 ¹¹ 28 | 5 ¹¹ 11 | 17 ¹¹ 48 | 17 ¹¹ 4 | 23 ¹¹ 42 | 6 ¹¹ 25 | 3 ¹¹ 25 | 10 ¹¹ 38 | 9 ¹¹ 26 | 8 ¹¹ 34 | 23 ¹¹ 54 | 22 ¹¹ 33 | T 8 |
| W 9 | 23 46 11 | 24 ¹¹ 37'39 | 18 ¹¹ 44 | 17 ¹¹ 45 | 6 ¹¹ 20 | 18 ¹¹ 27 | 17 ¹¹ 16 | 23 ¹¹ 38 | 6 ¹¹ 24 | 3 ¹¹ 25 | 10 ¹¹ 39 | 9 ¹¹ 24 | 8 ¹¹ 31 | 24 ¹¹ 1 | 22 ¹¹ 31 | W 9 |
| T 10 | 23 50 8 | 25 ¹¹ 36'29 | 2 ¹¹ 56 | 17 ¹¹ 57 | 7 ¹¹ 30 | 19 ¹¹ 7 | 17 ¹¹ 29 | 23 ¹¹ 33 | 6 ¹¹ 23 | 3 ¹¹ 25 | 10 ¹¹ 41 | 9 ¹¹ 23 | 8 ¹¹ 28 | 24 ¹¹ 8 | 22 ¹¹ 30 | T 10 |
| F 11 | 23 54 4 | 26 ¹¹ 35'22 | 17 ¹¹ 10 | 18 ¹¹ R 3 | 8 ¹¹ 39 | 19 ¹¹ 46 | 17 ¹¹ 41 | 23 ¹¹ 28 | 6 ¹¹ 21 | 3 ¹¹ 25 | 10 ¹¹ 43 | 9 ¹¹ 22 | 8 ¹¹ 25 | 24 ¹¹ 14 | 22 ¹¹ 29 | F 11 |
| S 12 | 23 58 1 | 27 ¹¹ 34'17 | 1 ¹¹ 23 | 18 ¹¹ 1 | 9 ¹¹ 49 | 20 ¹¹ 26 | 17 ¹¹ 54 | 23 ¹¹ 24 | 6 ¹¹ 20 | 3 ¹¹ 25 | 10 ¹¹ 45 | 9 ¹¹ D22 | 8 ¹¹ 21 | 24 ¹¹ 21 | 22 ¹¹ 27 | S 12 |
| S 13 | 0 1 58 | 28 ¹¹ 33'15 | 15 ¹¹ 33 | 17 ¹¹ 53 | 10 ¹¹ 58 | 21 ¹¹ 6 | 18 ¹¹ 7 | 23 ¹¹ 19 | 6 ¹¹ 19 | 3 ¹¹ 26 | 10 ¹¹ 47 | 9 ¹¹ 22 | 8 ¹¹ 18 | 24 ¹¹ 28 | 22 ¹¹ 26 | S 13 |
| M14 | 0 5 54 | 29 ¹¹ 32'14 | 29 ¹¹ 37 | 17 ¹¹ 38 | 12 ¹¹ 7 | 21 ¹¹ 46 | 18 ¹¹ 19 | 23 ¹¹ 14 | 6 ¹¹ 18 | 3 ¹¹ 26 | 10 ¹¹ 49 | 9 ¹¹ 23 | 8 ¹¹ 15 | 24 ¹¹ 34 | 22 ¹¹ 24 | M14 |
| T 15 | 0 9 51 | 0 ¹¹ 31'16 | 13 ¹¹ 13 | 17 ¹¹ 15 | 13 ¹¹ 16 | 22 ¹¹ 27 | 18 ¹¹ 32 | 23 ¹¹ 10 | 6 ¹¹ 17 | 3 ¹¹ 26 | 10 ¹¹ 51 | 9 ¹¹ 25 | 8 ¹¹ 12 | 24 ¹¹ 41 | 22 ¹¹ 23 | T 15 |
| W16 | 0 13 47 | 1 ¹¹ 30'21 | 27 ¹¹ 22 | 16 ¹¹ 44 | 14 ¹¹ 26 | 23 ¹¹ 7 | 18 ¹¹ 45 | 23 ¹¹ 5 | 6 ¹¹ 16 | 3 ¹¹ 27 | 10 ¹¹ 53 | 9 ¹¹ 26 | 8 ¹¹ 9 | 24 ¹¹ 48 | 22 ¹¹ 21 | W16 |
| T 17 | 0 17 44 | 2 ¹¹ 29'27 | 10 ¹¹ 59 | 16 ¹¹ 5 | 15 ¹¹ 34 | 23 ¹¹ 48 | 18 ¹¹ 58 | 23 ¹¹ 1 | 6 ¹¹ 15 | 3 ¹¹ 27 | 10 ¹¹ 55 | 9 ¹¹ R26 | 8 ¹¹ 6 | 24 ¹¹ 55 | 22 ¹¹ 19 | T 17 |
| F 18 | 0 21 40 | 3 ¹¹ 28'36 | 24 ¹¹ 25 | 15 ¹¹ 19 | 16 ¹¹ 43 | 24 ¹¹ 28 | 19 ¹¹ 10 | 22 ¹¹ 56 | 6 ¹¹ 14 | 3 ¹¹ 27 | 10 ¹¹ 57 | 9 ¹¹ 26 | 8 ¹¹ 2 | 25 ¹¹ 1 | 22 ¹¹ 17 | F 18 |
| S 19 | 0 25 37 | 4 ¹¹ 27'47 | 7 ¹¹ 36 | 14 ¹¹ 26 | 17 ¹¹ 52 | 25 ¹¹ 9 | 19 ¹¹ 23 | 22 ¹¹ 51 | 6 ¹¹ 13 | 3 ¹¹ 28 | 10 ¹¹ 59 | 9 ¹¹ 24 | 7 ¹¹ 59 | 25 ¹¹ 8 | 22 ¹¹ 15 | S 19 |
| S 20 | 0 29 33 | 5 ¹¹ 26'59 | 20 ¹¹ 32 | 13 ¹¹ 27 | 19 ¹¹ 1 | 25 ¹¹ 50 | 19 ¹¹ 36 | 22 ¹¹ 47 | 6 ¹¹ 12 | 3 ¹¹ 28 | 11 ¹¹ 1 | 9 ¹¹ 20 | 7 ¹¹ 56 | 25 ¹¹ 15 | 22 ¹¹ 14 | S 20 |
| M21 | 0 33 30 | 6 ¹¹ 26'14 | 3 ¹¹ M13 | 12 ¹¹ 23 | 20 ¹¹ 9 | 26 ¹¹ 31 | 19 ¹¹ 49 | 22 ¹¹ 42 | 6 ¹¹ 11 | 3 ¹¹ 29 | 11 ¹¹ 3 | 9 ¹¹ 16 | 7 ¹¹ 53 | 25 ¹¹ 21 | 22 ¹¹ 12 | M21 |
| T 22 | 0 37 26 | 7 ¹¹ 25'31 | 15 ¹¹ 39 | 11 ¹¹ 14 | 21 ¹¹ 18 | 27 ¹¹ 13 | 20 ¹¹ 2 | 22 ¹¹ 38 | 6 ¹¹ 10 | 3 ¹¹ 29 | 11 ¹¹ 5 | 9 ¹¹ 11 | 7 ¹¹ 50 | 25 ¹¹ 28 | 22 ¹¹ 10 | T 22 |
| W23 | 0 41 23 | 8 ¹¹ 24'50 | 27 ¹¹ 52 | 10 ¹¹ 4 | 22 ¹¹ 26 | 27 ¹¹ 54 | 20 ¹¹ 15 | 22 ¹¹ 34 | 6 ¹¹ 9 | 3 ¹¹ 30 | 11 ¹¹ 7 | 9 ¹¹ 7 | 7 ¹¹ 47 | 25 ¹¹ 35 | 22 ¹¹ 8 | W23 |
| T 24 | 0 45 20 | 9 ¹¹ 24'10 | 9 ¹¹ 55 | 8 ¹¹ 52 | 23 ¹¹ 34 | 28 ¹¹ 36 | 20 ¹¹ 28 | 22 ¹¹ 29 | 6 ¹¹ 9 | 3 ¹¹ 30 | 11 ¹¹ 9 | 9 ¹¹ 2 | 7 ¹¹ 43 | 25 ¹¹ 42 | 22 ¹¹ 5 | T 24 |
| F 25 | 0 49 16 | 10 ¹¹ 23'33 | 21 ¹¹ 50 | 7 ¹¹ 43 | 24 ¹¹ 42 | 29 ¹¹ 17 | 20 ¹¹ 41 | 22 ¹¹ 25 | 6 ¹¹ 8 | 3 ¹¹ 31 | 11 ¹¹ 11 | 8 ¹¹ 59 | 7 ¹¹ 40 | 25 ¹¹ 48 | 22 ¹¹ 3 | F 25 |
| S 26 | 0 53 13 | 11 ¹¹ 22'57 | 3 ¹¹ 42 | 6 ¹¹ 36 | 25 ¹¹ 50 | 29 ¹¹ 59 | 20 ¹¹ 54 | 22 ¹¹ 21 | 6 ¹¹ 8 | 3 ¹¹ 31 | 11 ¹¹ 14 | 8 ¹¹ 58 | 7 ¹¹ 37 | 25 ¹¹ 55 | 22 ¹¹ 1 | S 26 |
| S 27 | 0 57 9 | 12 ¹¹ 22'23 | 15 ¹¹ 35 | 5 ¹¹ 35 | 26 ¹¹ 58 | 0 ¹¹ 41 | 21 ¹¹ 7 | 22 ¹¹ 16 | 6 ¹¹ 7 | 3 ¹¹ 32 | 11 ¹¹ 16 | 8 ¹¹ D57 | 7 ¹¹ 34 | 26 ¹¹ 2 | 21 ¹¹ 59 | S 27 |
| M28 | 1 1 6 | 13 ¹¹ 21'51 | 27 ¹¹ 35 | 4 ¹¹ 42 | 28 ¹¹ 6 | 1 ¹¹ 23 | 21 ¹¹ 20 | 22 ¹¹ 12 | 6 ¹¹ 7 | 3 ¹¹ 33 | 11 ¹¹ 18 | 8 ¹¹ 58 | 7 ¹¹ 31 | 26 ¹¹ 8 | 21 ¹¹ 56 | M28 |
| T 29 | 1 5 2 | 14 ¹¹ 21'21 | 9 ¹¹ 45 | 3 ¹¹ 57 | 29 ¹¹ 13 | 2 ¹¹ 5 | 21 ¹¹ 33 | 22 ¹¹ 8 | 6 ¹¹ 6 | 3 ¹¹ 33 | 11 ¹¹ 20 | 9 ¹¹ 0 | 7 ¹¹ 27 | 26 ¹¹ 15 | 21 ¹¹ 54 | T 29 |
| W30 | 1 8 59 | 15 ¹¹ 20'52 | 22 ¹¹ 12 | 3 ¹¹ 41 | 0 ¹¹ 21 | 2 ¹¹ 47 | 21 ¹¹ 46 | 22 ¹¹ 4 | 6 ¹¹ 6 | 3 ¹¹ 34 | 11 ¹¹ M22 | 9 ¹¹ M 2 | 7 ¹¹ M 24 | 26 ¹¹ 22 | 21 ¹¹ 52 | W30 |

Delta T = 05m00s

Julian Calendar 1 Sept. 1495 == Greg. Calendar 10 Sept. 1495

OCTOBER 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|--------------------------|-----------------------|----------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|--------------------|-----------------------|----------------------|----------------------|-----------------------|----------------------|------|
| T 1 | 1 12 55 | 16 ¹¹ 20'25 | 4 ¹¹ 58 | 2 ¹¹ R57 | 1 ¹¹ 28 | 3 ¹¹ 30 | 21 ¹¹ 59 | 22 ¹¹ R 0 | 6 ¹¹ R 5 | 3 ¹¹ 35 | 11 ¹¹ M25 | 9 ¹¹ R 3 | 7 ¹¹ M 21 | 26 ¹¹ 29 | 21 ¹¹ R49 | T 1 |
| F 2 | 1 16 52 | 17 ¹¹ 20'00 | 18 ¹¹ 7 | 2 ¹¹ 43 | 2 ¹¹ 35 | 4 ¹¹ 12 | 22 ¹¹ 12 | 21 ¹¹ 56 | 6 ¹¹ 5 | 3 ¹¹ 36 | 11 ¹¹ 27 | 9 ¹¹ M 2 | 7 ¹¹ 18 | 26 ¹¹ 35 | 21 ¹¹ 47 | F 2 |
| S 3 | 1 20 49 | 18 ¹¹ 19'37 | 1 ¹¹ 40 | 2 ¹¹ D41 | 3 ¹¹ 42 | 4 ¹¹ 54 | 22 ¹¹ 25 | 21 ¹¹ 52 | 6 ¹¹ 5 | 3 ¹¹ 37 | 11 ¹¹ 29 | 9 ¹¹ 0 | 7 ¹¹ 15 | 26 ¹¹ 42 | 21 ¹¹ 44 | S 3 |
| S 4 | 1 24 45 | 19 ¹¹ 19'16 | 15 ¹¹ 35 | 2 ¹¹ 49 | 4 ¹¹ 49 | 5 ¹¹ 37 | 22 ¹¹ 38 | 21 ¹¹ 48 | 6 ¹¹ 5 | 3 ¹¹ 38 | 11 ¹¹ 31 | 8 ¹¹ 56 | 7 ¹¹ 12 | 26 ¹¹ 49 | 21 ¹¹ 41 | S 4 |
| M 5 | 1 28 42 | 20 ¹¹ 18'57 | 29 ¹¹ 49 | 3 ¹¹ 9 | 5 ¹¹ 55 | 6 ¹¹ 20 | 22 ¹¹ 51 | 21 ¹¹ 44 | 6 ¹¹ 5 | 3 ¹¹ 39 | 11 ¹¹ 34 | 8 ¹¹ 51 | 7 ¹¹ 8 | 26 ¹¹ 55 | 21 ¹¹ 39 | M 5 |
| T 6 | 1 32 38 | 21 ¹¹ 18'40 | 14 ¹¹ 18 | 3 ¹¹ 38 | 7 ¹¹ 2 | 7 ¹¹ 3 | 23 ¹¹ 4 | 21 ¹¹ 40 | 6 ¹¹ 4 | 3 ¹¹ 39 | 11 ¹¹ 36 | 8 ¹¹ 44 | 7 ¹¹ 5 | 27 ¹¹ 2 | 21 ¹¹ 36 | T 6 |
| W 7 | 1 36 35 | 22 ¹¹ 18'25 | 28 ¹¹ 54 | 4 ¹¹ 17 | 8 ¹¹ 8 | 7 ¹¹ 45 | 23 ¹¹ 18 | 21 ¹¹ 37 | 6 ¹¹ D 4 | 3 ¹¹ 40 | 11 ¹¹ 38 | 8 ¹¹ 37 | 7 ¹¹ 2 | 27 ¹¹ 9 | 21 ¹¹ 33 | W 7 |
| T 8 | 1 40 31 | 23 ¹¹ 18'13 | 13 ¹¹ 30 | 5 ¹¹ 4 | 9 ¹¹ 14 | 8 ¹¹ 28 | 23 ¹¹ 31 | 21 ¹¹ 33 | 6 ¹¹ 4 | 3 ¹¹ 41 | 11 ¹¹ 41 | 8 ¹¹ 31 | 6 ¹¹ 59 | 27 ¹¹ 16 | 21 ¹¹ 31 | T 8 |
| F 9 | 1 44 28 | 24 ¹¹ 18'02 | 28 ¹¹ 1 | 5 ¹¹ 58 | 10 ¹¹ 20 | 9 ¹¹ 12 | 23 ¹¹ 44 | 21 ¹¹ 29 | 6 ¹¹ 4 | 3 ¹¹ 43 | 11 ¹¹ 43 | 8 ¹¹ 26 | 6 ¹¹ 56 | 27 ¹¹ 22 | 21 ¹¹ 28 | F 9 |
| S 10 | 1 48 24 | 25 ¹¹ 17'54 | 12 ¹¹ 21 | 7 ¹¹ 0 | 11 ¹¹ 26 | 9 ¹¹ 55 | 23 ¹¹ 57 | 21 ¹¹ 26 | 6 ¹¹ 5 | 3 ¹¹ 44 | 11 ¹¹ 45 | 8 ¹¹ 24 | 6 ¹¹ 52 | 27 ¹¹ 29 | 21 ¹¹ 25 | S 10 |
| S 11 | 1 52 21 | 26 ¹¹ 17'49 | 26 ¹¹ 29 | 8 ¹¹ 7 | 12 ¹¹ 32 | 10 ¹¹ 38 | 24 ¹¹ 10 | 21 ¹¹ 23 | 6 ¹¹ 5 | 3 ¹¹ 45 | 11 ¹¹ 48 | 8 ¹¹ D23 | 6 ¹¹ 49 | 27 ¹¹ 36 | 21 ¹¹ 22 | S 11 |
| M12 | 1 56 18 | 27 ¹¹ 17'45 | 10 ¹¹ 22 | 9 ¹¹ 20 | 13 ¹¹ 37 | 11 ¹¹ 21 | 24 ¹¹ 23 | 21 ¹¹ 19 | 6 ¹¹ 5 | 3 ¹¹ 46 | 11 ¹¹ 50 | 8 ¹¹ 24 | 6 ¹¹ 46 | 27 ¹¹ 42 | 21 ¹¹ 19 | M12 |
| T 13 | 2 0 14 | 28 ¹¹ 17'44 | 24 ¹¹ 0 | 10 ¹¹ 37 | 14 ¹¹ 42 | 12 ¹¹ 5 | 24 ¹¹ 36 | 21 ¹¹ 16 | 6 ¹¹ 5 | 3 ¹¹ 47 | 11 ¹¹ 52 | 8 ¹¹ 25 | 6 ¹¹ 43 | 27 ¹¹ 49 | 21 ¹¹ 16 | T 13 |
| W14 | 2 4 11 | 29 ¹¹ 17'44 | 7 ¹¹ M 26 | 11 ¹¹ 58 | 15 ¹¹ 47 | 12 ¹¹ 48 | 24 ¹¹ 49 | 21 ¹¹ 13 | 6 ¹¹ 6 | 3 ¹¹ 48 | 11 ¹¹ 55 | 8 ¹¹ R25 | 6 ¹¹ 40 | 27 ¹¹ 56 | 21 ¹¹ 13 | W14 |
| T 15 | 2 8 7 | 0 ¹¹ M 17'47 | 20 ¹¹ 39 | 13 ¹¹ 22 | 16 ¹¹ 52 | 13 ¹¹ 32 | 25 ¹¹ 2 | 21 ¹¹ 10 | 6 ¹¹ 6 | 3 ¹¹ 49 | 11 ¹¹ 57 | 8 ¹¹ 25 | 6 ¹¹ 37 | 28 ¹¹ 3 | 21 ¹¹ 10 | T 15 |
| F 16 | 2 12 4 | 1 ¹¹ 17'52 | 3 ¹¹ 40 | 14 ¹¹ 49 | 17 ¹¹ 56 | 14 ¹¹ 15 | 25 ¹¹ 16 | 21 ¹¹ 7 | 6 ¹¹ 6 | 3 ¹¹ 51 | 12 ¹¹ 0 | 8 ¹¹ 22 | 6 ¹¹ 33 | 28 ¹¹ 9 | 21 ¹¹ 7 | F 16 |
| S 17 | 2 16 0 | 2 ¹¹ 17'59 | 16 ¹¹ 30 | 16 ¹¹ 18 | 19 ¹¹ 1 | 14 ¹¹ 59 | 25 ¹¹ 29 | 21 ¹¹ 4 | 6 ¹¹ 7 | 3 ¹¹ 52 | 12 ¹¹ 2 | 8 ¹¹ 16 | 6 ¹¹ 30 | 28 ¹¹ 16 | 21 ¹¹ 4 | S 17 |
| S 18 | 2 19 57 | 3 ¹¹ 18'08 | 29 ¹¹ 9 | 17 ¹¹ 49 | 20 ¹¹ 5 | 15 ¹¹ 43 | 25 ¹¹ 42 | 21 ¹¹ 1 | 6 ¹¹ 7 | 3 ¹¹ 53 | 12 ¹¹ 4 | 8 ¹¹ 8 | 6 ¹¹ 27 | 28 ¹¹ 23 | 21 ¹¹ 1 | S 18 |
| M19 | 2 23 53 | 4 ¹¹ 18'19 | 11 ¹¹ M 37 | 19 ¹¹ 22 | 21 ¹¹ 8 | 16 ¹¹ 27 | 25 ¹¹ 55 | 20 ¹¹ 58 | 6 ¹¹ 8 | 3 ¹¹ 55 | 12 ¹¹ 7 | 7 ¹¹ 58 | 6 ¹¹ 24 | 28 ¹¹ 29 | 20 ¹¹ 58 | M19 |
| T 20 | 2 27 50 | 5 ¹¹ 18'32 | 23 ¹¹ 55 | 20 ¹¹ 55 | 22 ¹¹ 12 | 17 ¹¹ 11 | 26 ¹¹ 8 | 20 ¹¹ 55 | 6 ¹¹ 8 | 3 ¹¹ 56 | 12 ¹¹ 9 | 7 ¹¹ 47 | 6 ¹¹ 21 | 28 ¹¹ 36 | 20 ¹¹ 55 | T 20 |
| W21 | 2 31 46 | 6 ¹¹ 18'46 | 6 ¹¹ 2 | 22 ¹¹ 30 | 23 ¹¹ 15 | 17 ¹¹ 55 | 26 ¹¹ 21 | 20 ¹¹ 53 | 6 ¹¹ 9 | 3 ¹¹ 57 | 12 ¹¹ 12 | 7 ¹¹ 36 | 6 ¹¹ 18 | 28 ¹¹ 43 | 20 ¹¹ 52 | W21 |
| T 22 | 2 35 43 | 7 ¹¹ 19'02 | 18 ¹¹ 1 | 24 ¹¹ 5 | 24 ¹¹ 18 | 18 ¹¹ 39 | 26 ¹¹ 34 | 20 ¹¹ 50 | 6 ¹¹ 10 | 3 ¹¹ 59 | 12 ¹¹ 14 | 7 ¹¹ 25 | 6 ¹¹ 14 | 28 ¹¹ 50 | 20 ¹¹ 48 | T 22 |
| F 23 | 2 39 40 | 8 ¹¹ 19'20 | 29 ¹¹ 54 | 25 ¹¹ 41 | 25 ¹¹ 21 | 19 ¹¹ 23 | 26 ¹¹ 47 | 20 ¹¹ 48 | 6 ¹¹ 11 | 4 ¹¹ 0 | 12 ¹¹ 16 | 7 ¹¹ 16 | 6 ¹¹ 11 | 28 ¹¹ 56 | 20 ¹¹ 45 | F 23 |
| S 24 | 2 43 36 | 9 ¹¹ 19'39 | 11 ¹¹ 34 | 27 ¹¹ 18 | 26 ¹¹ 23 | 20 ¹¹ 7 | 27 ¹¹ 0 | 20 ¹¹ 46 | 6 ¹¹ 12 | 4 ¹¹ 2 | 12 ¹¹ 19 | 7 ¹¹ 10 | 6 ¹¹ 8 | 29 ¹¹ 3 | 20 ¹¹ 42 | S 24 |
| S 25 | 2 47 33 | 10 ¹¹ 20'00 | 25 ¹¹ 35 | 28 ¹¹ 54 | 27 ¹¹ 25 | 20 ¹¹ 52 | 27 ¹¹ 13 | 20 ¹¹ 43 | 6 ¹¹ 12 | 4 ¹¹ 3 | 12 ¹¹ 21 | 7 ¹¹ 6 | 6 ¹¹ 5 | 29 ¹¹ 10 | 20 ¹¹ 39 | S 25 |
| M26 | 2 51 29 | 11 ¹¹ 20'22 | 5 ¹¹ 31 | 0 ¹¹ M 31 | 28 ¹¹ 27 | 21 ¹¹ 36 | 27 ¹¹ 26 | 20 ¹¹ 41 | 6 ¹¹ 13 | 4 ¹¹ 5 | 12 ¹¹ 24 | 7 ¹¹ 4 | 6 ¹¹ 2 | 29 ¹¹ 16 | 20 ¹¹ 35 | M26 |
| T 27 | 2 55 26 | 12 ¹¹ 20'46 | 17 ¹¹ 38 | 2 ¹¹ 8 | 29 ¹¹ 28 | 22 ¹¹ 20 | 27 ¹¹ 39 | 20 ¹¹ 39 | 6 ¹¹ 14 | 4 ¹¹ 6 | 12 ¹¹ 26 | 7 ¹¹ D 4 | 5 ¹¹ 58 | 29 ¹¹ 23 | 20 ¹¹ 32 | T 27 |
| W28 | 2 59 22 | 13 ¹¹ 21'11 | 0 ¹¹ X 0 | 3 ¹¹ 44 | 0 ¹¹ 30 | 23 ¹¹ 5 | 27 ¹¹ 52 | 20 ¹¹ 37 | 6 ¹¹ 15 | 4 ¹¹ 8 | 12 ¹¹ 28 | 7 ¹¹ 5 | 5 ¹¹ 55 | 29 ¹¹ 30 | 20 ¹¹ 29 | W28 |
| T 29 | 3 3 19 | 14 ¹¹ 21'38 | 12 ¹¹ 44 | 5 ¹¹ 21 | 1 ¹¹ 30 | 23 ¹¹ 49 | 28 ¹¹ 4 | 20 ¹¹ 36 | 6 ¹¹ 16 | 4 ¹¹ 9 | 12 ¹¹ 31 | 7 ¹¹ R 5 | 5 ¹¹ 52 | 29 ¹¹ 37 | 20 ¹¹ 26 | T 29 |
| F 30 | 3 7 15 | 15 ¹¹ 22'05 | 25 ¹¹ 54 | 6 ¹¹ 58 | 2 ¹¹ 30 | 24 ¹¹ 34 | 28 ¹¹ 17 | 20 ¹¹ 34 | 6 ¹¹ 18 | 4 ¹¹ 11 | 12 ¹¹ 33 | 7 ¹¹ 3 | 5 ¹¹ 49 | 29 ¹¹ 43 | 20 ¹¹ 22 | F 30 |
| S 31 | 3 11 12 | 16 ¹¹ M 22'34 | 9 ¹¹ Y 31 | 8 ¹¹ M 34 | 3 ¹¹ 30 | 25 ¹¹ 31 | 28 ¹¹ 30 | 20 ¹¹ X 32 | 6 ¹¹ 19 | 4 ¹¹ 13 | 12 ¹¹ M 36 | 6 ¹¹ M 59 | 5 ¹¹ M 46 | 29 ¹¹ X 50 | 20 ¹¹ 19 | S 31 |

ASTRODIENST EPHEMERIS for the year 1495

geocentric

NOVEMBER 1495 JC

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| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|---------------------|------|
| S 1 | 3 15 9 | 17 ¹¹ 23'05 | 23 ¹⁷ 37 | 10 ¹¹ 11 | 4 ³⁰ 30 | 26 ³ 3 | 28 ⁴⁴ 3 | 20 ¹ R31 | 6 ²⁰ 20 | 4 ³ 14 | 12 ¹¹ 38 | 6 ¹ R53 | 5 ¹¹ 43 | 29 ¹⁷ 57 | 20 ¹ R16 | S 1 |
| M 2 | 3 19 5 | 18 ¹⁰ 23'37 | 8 ⁸ 9 | 11 ¹ 47 | 5 ²⁹ 29 | 26 ⁴⁸ 28 | 28 ⁵⁶ 20 | 20 ¹ H29 | 6 ²¹ 21 | 4 ¹⁶ 16 | 12 ⁴¹ 41 | 6 ¹¹ 44 | 5 ³⁹ 39 | 0 ³ 3 | 20 ¹ R12 | M 2 |
| T 3 | 3 23 2 | 19 ⁰ 24'10 | 23 ⁰ 0 | 13 ²³ 23 | 6 ²⁸ 28 | 27 ³³ 29 | 29 ⁰ 8 | 20 ²⁸ 28 | 6 ²³ 23 | 4 ¹⁸ 18 | 12 ⁴³ 43 | 6 ³³ 33 | 5 ³⁶ 36 | 0 ¹⁰ 10 | 20 ⁰ 9 | T 3 |
| W 4 | 3 26 58 | 20 ² 24'45 | 8 ¹¹ 2 | 14 ⁵⁹ 59 | 7 ²⁶ 26 | 28 ¹⁷ 29 | 29 ²¹ 21 | 20 ²⁷ 27 | 6 ²⁴ 24 | 4 ²⁰ 20 | 12 ⁴⁵ 45 | 6 ²² 22 | 5 ³³ 33 | 0 ¹⁷ 17 | 20 ⁰ 6 | W 4 |
| T 5 | 3 30 55 | 21 ² 25'22 | 23 ⁰ 5 | 16 ³⁵ 35 | 8 ²³ 23 | 29 ⁰ 2 | 29 ³⁴ 34 | 20 ²⁶ 26 | 6 ²⁵ 25 | 4 ²¹ 21 | 12 ⁴⁸ 48 | 6 ¹² 12 | 5 ³⁰ 30 | 0 ²⁴ 24 | 20 ⁰ 2 | T 5 |
| F 6 | 3 34 51 | 22 ² 26'00 | 8 ¹⁰ 0 | 18 ¹⁰ 10 | 9 ²⁰ 20 | 29 ⁴⁷ 47 | 29 ⁴⁶ 46 | 20 ²⁵ 25 | 6 ²⁷ 27 | 4 ²³ 23 | 12 ⁵⁰ 50 | 6 ⁰ 3 | 5 ²⁷ 27 | 0 ³⁰ 30 | 19 ⁵⁹ 59 | F 6 |
| S 7 | 3 38 48 | 23 ² 26'40 | 22 ⁰ 39 | 19 ⁴⁵ 45 | 10 ¹⁷ 17 | 0 ³² 32 | 29 ⁵⁹ 59 | 20 ²⁴ 24 | 6 ²⁸ 28 | 4 ²⁵ 25 | 12 ⁵³ 53 | 5 ⁵⁸ 58 | 5 ²⁴ 24 | 0 ³⁷ 37 | 19 ⁵⁶ 56 | S 7 |
| S 8 | 3 42 45 | 24 ² 27'22 | 6 ¹² 56 | 21 ²¹ 21 | 11 ¹³ 13 | 1 ¹⁷ 17 | 0 ¹¹ 12 | 20 ²³ 23 | 6 ³⁰ 30 | 4 ²⁷ 27 | 12 ⁵⁵ 55 | 5 ⁵⁴ 54 | 5 ²⁰ 20 | 0 ⁴⁴ 44 | 19 ⁵² 52 | S 8 |
| M 9 | 3 46 41 | 25 ² 28'05 | 20 ⁵² 52 | 22 ⁵⁶ 56 | 12 ⁰ 9 | 2 ⁰ 2 | 0 ²⁴ 24 | 20 ²² 22 | 6 ³² 32 | 4 ²⁹ 29 | 12 ⁵⁷ 57 | 5 ⁵⁴ 54 | 5 ¹⁷ 17 | 0 ⁵⁰ 50 | 19 ⁴⁹ 49 | M 9 |
| T 10 | 3 50 38 | 26 ² 28'50 | 4 ¹¹ 26 | 24 ³⁰ 30 | 13 ⁰ 4 | 2 ⁴⁷ 47 | 0 ³⁷ 37 | 20 ²² 22 | 6 ³³ 33 | 4 ³¹ 31 | 13 ⁰ 0 | 5 ⁵⁴ 54 | 5 ¹⁴ 14 | 0 ⁵⁷ 57 | 19 ⁴⁶ 46 | T 10 |
| W11 | 3 54 34 | 27 ² 29'37 | 17 ⁴⁰ 40 | 26 ⁰ 5 | 13 ⁵⁸ 58 | 3 ³² 32 | 0 ⁴⁹ 49 | 20 ²¹ 21 | 6 ³⁵ 35 | 4 ³² 32 | 13 ⁰ 2 | 5 ⁵³ 53 | 5 ¹¹ 11 | 1 ⁰ 4 | 19 ⁴³ 43 | W11 |
| T 12 | 3 58 31 | 28 ³ 30'25 | 0 ¹² 37 | 27 ⁴⁰ 40 | 14 ⁵² 52 | 4 ¹⁷ 17 | 1 ⁰ 1 | 20 ²¹ 21 | 6 ³⁷ 37 | 4 ³⁴ 34 | 13 ⁰ 4 | 5 ⁵¹ 51 | 5 ⁰ 8 | 1 ¹¹ 11 | 19 ³⁹ 39 | T 12 |
| F 13 | 4 2 27 | 29 ³ 31'14 | 13 ²¹ 21 | 29 ¹⁴ 14 | 15 ⁴⁵ 45 | 5 ⁰ 2 | 1 ¹⁴ 14 | 20 ²¹ 21 | 6 ³⁸ 38 | 4 ³⁶ 36 | 13 ⁰ 7 | 5 ⁴⁷ 47 | 5 ⁰ 4 | 1 ¹⁷ 17 | 19 ³⁶ 36 | F 13 |
| S 14 | 4 6 24 | 0 ¹² 32'05 | 2 ⁵³ 53 | 0 ¹² 49 | 16 ³⁸ 38 | 5 ⁴⁷ 47 | 1 ²⁶ 26 | 20 ²⁰ 20 | 6 ⁴⁰ 40 | 4 ³⁸ 38 | 13 ⁰ 9 | 5 ³⁹ 39 | 5 ⁰ 1 | 1 ²⁴ 24 | 19 ³³ 33 | S 14 |
| S 15 | 4 10 20 | 1 ³² 32'57 | 8 ¹¹ 15 | 2 ²³ 23 | 17 ²⁹ 29 | 6 ³³ 33 | 1 ³⁸ 38 | 20 ¹ D20 | 6 ⁴² 42 | 4 ⁴⁰ 40 | 13 ¹² 12 | 5 ²⁸ 28 | 4 ⁵⁸ 58 | 1 ³¹ 31 | 19 ²⁹ 29 | S 15 |
| M16 | 4 14 17 | 2 ³³ 33'51 | 20 ²⁹ 29 | 3 ⁵⁷ 57 | 18 ²¹ 21 | 7 ¹⁸ 18 | 1 ⁵¹ 51 | 20 ²¹ 21 | 6 ⁴⁴ 44 | 4 ⁴² 42 | 13 ¹⁴ 14 | 5 ¹⁵ 15 | 4 ⁵⁵ 55 | 1 ³⁷ 37 | 19 ²⁶ 26 | M16 |
| T 17 | 4 18 13 | 3 ³⁴ 34'46 | 2 ¹² 36 | 5 ³¹ 31 | 19 ¹¹ 11 | 8 ⁰ 3 | 2 ⁰ 3 | 20 ²¹ 21 | 6 ⁴⁶ 46 | 4 ⁴⁴ 44 | 13 ¹⁶ 16 | 5 ⁰ 0 | 4 ⁵² 52 | 1 ⁴⁴ 44 | 19 ²³ 23 | T 17 |
| W18 | 4 22 10 | 4 ³⁵ 35'42 | 14 ³⁶ 36 | 7 ⁰ 5 | 20 ⁰ 0 | 8 ⁴⁸ 48 | 2 ¹⁵ 15 | 20 ²¹ 21 | 6 ⁴⁸ 48 | 4 ⁴⁶ 46 | 13 ¹⁸ 18 | 4 ⁴⁵ 45 | 4 ⁴⁹ 49 | 1 ⁵¹ 51 | 19 ²⁰ 20 | W18 |
| T 19 | 4 26 7 | 5 ³⁶ 36'39 | 26 ³¹ 31 | 8 ⁴⁰ 40 | 20 ⁴⁹ 49 | 9 ³⁴ 34 | 2 ²⁷ 27 | 20 ²¹ 21 | 6 ⁵⁰ 50 | 4 ⁴⁸ 48 | 13 ²¹ 21 | 4 ⁴³ 43 | 4 ⁴⁵ 45 | 1 ⁵⁸ 58 | 19 ¹⁷ 17 | T 19 |
| F 20 | 4 30 3 | 6 ³⁷ 37'37 | 8 ³² 22 | 10 ¹⁴ 14 | 21 ³⁷ 37 | 10 ¹⁹ 19 | 2 ³⁹ 39 | 20 ²² 22 | 6 ⁵² 52 | 4 ⁵⁰ 50 | 13 ²³ 23 | 4 ¹⁸ 18 | 4 ⁴² 42 | 2 ⁰ 4 | 19 ¹⁴ 14 | F 20 |
| S 21 | 4 34 0 | 7 ³⁸ 38'35 | 20 ¹¹ 11 | 11 ⁴⁸ 48 | 22 ²⁴ 24 | 11 ⁰ 4 | 2 ⁵¹ 51 | 20 ²³ 23 | 6 ⁵⁴ 54 | 4 ⁵² 52 | 13 ²⁵ 25 | 4 ⁰ 9 | 4 ³⁹ 39 | 2 ¹¹ 11 | 19 ¹⁰ 10 | S 21 |
| S 22 | 4 37 56 | 8 ³⁹ 39'35 | 2 ¹¹ 1 | 13 ²² 22 | 23 ¹⁰ 10 | 11 ⁵⁰ 50 | 3 ⁰ 3 | 20 ²³ 23 | 6 ⁵⁶ 56 | 4 ⁵⁴ 54 | 13 ²⁸ 28 | 4 ⁰ 3 | 4 ³⁶ 36 | 2 ¹⁸ 18 | 19 ⁰ 7 | S 22 |
| M23 | 4 41 53 | 9 ⁴⁰ 40'35 | 13 ⁵⁵ 55 | 14 ⁵⁶ 56 | 23 ⁵⁵ 55 | 12 ³⁵ 35 | 3 ¹⁴ 14 | 20 ²⁴ 24 | 6 ⁵⁹ 59 | 4 ⁵⁶ 56 | 13 ³⁰ 30 | 3 ⁵⁹ 59 | 4 ³³ 33 | 2 ²⁴ 24 | 19 ⁰ 4 | M23 |
| T 24 | 4 45 49 | 10 ⁴¹ 41'36 | 2 ⁵⁹ 59 | 16 ³⁰ 30 | 24 ³⁹ 39 | 13 ²⁰ 20 | 3 ²⁶ 26 | 20 ²⁵ 25 | 7 ⁰ 1 | 4 ⁵⁹ 59 | 13 ³² 32 | 3 ⁵⁸ 58 | 4 ³⁰ 30 | 2 ³¹ 31 | 19 ⁰ 1 | T 24 |
| W25 | 4 49 46 | 11 ⁴² 42'38 | 8 ¹⁷ 17 | 18 ⁰ 5 | 25 ²² 22 | 14 ⁰ 6 | 3 ³⁸ 38 | 20 ²⁶ 26 | 7 ⁰ 3 | 5 ⁰ 1 | 13 ³⁴ 34 | 3 ⁵⁸ 58 | 4 ²⁶ 26 | 2 ³⁸ 38 | 18 ⁵⁸ 58 | W25 |
| T 26 | 4 53 43 | 12 ⁴³ 43'40 | 20 ⁵⁵ 55 | 19 ³⁹ 39 | 26 ⁰ 4 | 14 ⁵¹ 51 | 3 ⁴⁹ 49 | 20 ²⁷ 27 | 7 ⁰ 6 | 5 ⁰ 3 | 13 ³⁶ 36 | 3 ⁵⁷ 57 | 4 ²³ 23 | 2 ⁴⁴ 44 | 18 ⁵⁵ 55 | T 26 |
| F 27 | 4 57 39 | 13 ⁴⁴ 44'42 | 3 ¹⁷ 57 | 21 ¹³ 13 | 26 ⁴⁵ 45 | 15 ³⁷ 37 | 4 ⁰ 1 | 20 ²⁹ 29 | 7 ⁰ 8 | 5 ⁰ 5 | 13 ³⁹ 39 | 3 ⁵⁶ 56 | 4 ²⁰ 20 | 2 ⁵¹ 51 | 18 ⁵² 52 | F 27 |
| S 28 | 5 1 36 | 14 ⁴⁵ 45'45 | 17 ²⁹ 29 | 22 ⁴⁸ 48 | 27 ²⁴ 24 | 16 ²² 22 | 4 ¹² 12 | 20 ³⁰ 30 | 7 ¹⁰ 10 | 5 ⁰ 7 | 13 ⁴¹ 41 | 3 ⁵³ 53 | 4 ¹⁷ 17 | 2 ⁵⁸ 58 | 18 ⁴⁹ 49 | S 28 |
| S 29 | 5 5 32 | 15 ⁴⁶ 46'48 | 1 ³¹ 31 | 24 ²² 22 | 28 ⁰ 2 | 17 ⁰ 8 | 4 ²⁴ 24 | 20 ³¹ 31 | 7 ¹³ 13 | 5 ⁰ 9 | 13 ⁴³ 43 | 3 ⁴⁶ 46 | 4 ¹⁴ 14 | 3 ⁰ 5 | 18 ⁴⁶ 46 | S 29 |
| M30 | 5 9 29 | 16 ⁴⁷ 47'52 | 16 ⁸ 2 | 25 ¹² 12 | 28 ³⁹ 39 | 17 ⁵³ 53 | 4 ¹¹ 35 | 20 ³³ 33 | 7 ¹⁵ 15 | 5 ¹¹ 11 | 13 ⁴⁵ 45 | 3 ¹¹ 37 | 4 ¹¹ 10 | 3 ¹¹ 11 | 18 ⁴⁴ 44 | M30 |

Delta T = 05m00s

Julian Calendar 1 Nov. 1495 == Greg. Calendar 10 Nov. 1495

DECEMBER 1495 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|------------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|--------------------|---------------------|------|
| T 1 | 5 13 25 | 17 ¹¹ 48'57 | 0 ¹¹ 59 | 27 ¹⁷ 31 | 29 ³ 15 | 18 ³⁹ 39 | 4 ¹¹ 46 | 20 ¹ H35 | 7 ¹⁸ 18 | 5 ³ 14 | 13 ¹¹ 47 | 3 ¹ R27 | 4 ¹¹ 7 | 3 ³ 18 | 18 ¹ R41 | T 1 |
| W 2 | 5 17 22 | 18 ⁵⁰ 00'12 | 16 ¹³ 13 | 29 ⁰ 6 | 29 ⁴⁹ 49 | 19 ²⁴ 24 | 4 ⁵⁸ 58 | 20 ³⁶ 36 | 7 ²⁰ 20 | 5 ¹⁶ 16 | 13 ⁴⁹ 49 | 3 ¹¹ 16 | 4 ⁰ 4 | 3 ²⁵ 25 | 18 ³ 38 | W 2 |
| T 3 | 5 21 18 | 19 ⁵¹ 07'07 | 1 ⁵³ 33 | 0 ³ 41 | 0 ²² 22 | 20 ¹⁰ 10 | 5 ⁰ 9 | 20 ³⁸ 38 | 7 ²³ 23 | 5 ¹⁸ 18 | 13 ⁵¹ 51 | 3 ⁰ 5 | 4 ⁰ 1 | 3 ³¹ 31 | 18 ³⁵ 35 | T 3 |
| F 4 | 5 25 15 | 20 ⁵² 13'13 | 16 ⁴⁸ 48 | 2 ¹⁵ 15 | 0 ⁵³ 53 | 20 ⁵⁵ 55 | 5 ²⁰ 20 | 20 ⁴⁰ 40 | 7 ²⁶ 26 | 5 ²⁰ 20 | 13 ⁵³ 53 | 2 ⁵⁶ 56 | 3 ⁵⁸ 58 | 3 ³⁸ 38 | 18 ³³ 33 | F 4 |
| S 5 | 5 29 12 | 21 ⁵³ 20'20 | 1 ¹² 46 | 3 ⁵⁰ 50 | 1 ²² 22 | 21 ⁴¹ 41 | 5 ³¹ 31 | 20 ⁴³ 43 | 7 ²⁸ 28 | 5 ²² 22 | 13 ⁵⁵ 55 | 2 ⁵⁰ 50 | 3 ⁵⁵ 55 | 3 ⁴⁵ 45 | 18 ³⁰ 30 | S 5 |
| S 6 | 5 33 8 | 22 ⁵⁴ 27'27 | 16 ²² 22 | 5 ²⁴ 24 | 1 ⁵⁰ 50 | 22 ²⁶ 26 | 5 ⁴² 42 | 20 ⁴⁵ 45 | 7 ³¹ 31 | 5 ²⁵ 25 | 13 ⁵⁷ 57 | 2 ⁴⁷ 47 | 3 ⁵¹ 51 | 3 ⁵² 52 | 18 ²⁷ 27 | S 6 |
| M 7 | 5 37 5 | 23 ⁵⁵ 36'36 | 0 ¹¹ 30 | 6 ⁵⁸ 58 | 2 ¹⁷ 17 | 23 ¹¹ 11 | 5 ⁵² 52 | 20 ⁴⁷ 47 | 7 ³⁴ 34 | 5 ²⁷ 27 | 13 ⁵⁹ 59 | 2 ⁴⁶ 46 | 3 ⁴⁸ 48 | 3 ⁵⁸ 58 | 18 ²⁵ 25 | M 7 |
| T 8 | 5 41 1 | 24 ⁵⁶ 44'44 | 14 ¹² 12 | 8 ³² 32 | 2 ⁴¹ 41 | 23 ⁵⁷ 57 | 6 ⁰ 3 | 20 ⁴⁹ 49 | 7 ³⁷ 37 | 5 ²⁹ 29 | 14 ⁰ 1 | 2 ⁴⁶ 46 | 3 ⁴⁵ 45 | 4 ⁰ 5 | 18 ²² 22 | T 8 |
| W 9 | 5 44 58 | 25 ⁵⁷ 54'54 | 27 ²⁸ 28 | 10 ⁰ 6 | 3 ⁰ 4 | 24 ⁴² 42 | 6 ¹⁴ 14 | 20 ⁵² 52 | 7 ³⁹ 39 | 5 ³¹ 31 | 14 ⁰ 3 | 2 ⁴⁶ 46 | 3 ⁴² 42 | 4 ¹² 12 | 18 ²⁰ 20 | W 9 |
| T 10 | 5 48 54 | 26 ⁵⁹ 03'03 | 10 ¹² 33 | 11 ³⁹ 39 | 3 ²⁵ 25 | 25 ²⁸ 28 | 6 ²⁴ 24 | 20 ⁵⁵ 55 | 7 ⁴² 42 | 5 ³⁴ 34 | 14 ⁰ 5 | 2 ⁴⁵ 45 | 3 ³⁹ 39 | 4 ¹⁸ 18 | 18 ¹⁷ 17 | T 10 |
| F 11 | 5 52 51 | 28 ⁰ 14'14 | 22 ⁵⁹ 59 | 13 ¹² 12 | 3 ⁴³ 43 | 26 ¹³ 13 | 6 ³⁵ 35 | 20 ⁵⁷ 57 | 7 ⁴⁵ 45 | 5 ³⁶ 36 | 14 ⁰ 7 | 2 ⁴² 42 | 3 ³⁶ 36 | 4 ²⁵ 25 | 18 ¹⁵ 15 | F 11 |
| S 12 | 5 56 47 | 29 ⁰ 1'25 | 5 ¹¹ 21 | 14 ⁴³ 43 | 4 ⁰ 0 | 26 ⁵⁹ 59 | 6 ⁴⁵ 45 | 21 ⁰ 0 | 7 ⁴⁸ 48 | 5 ³⁸ 38 | 14 ⁰ 9 | 2 ³⁷ 37 | 3 ³² 32 | 4 ³² 32 | 18 ¹³ 13 | S 12 |
| S 13 | 6 0 44 | 0 ³ 2'36 | 17 ³² 32 | 16 ¹⁴ 14 | 4 ¹⁵ 15 | 27 ⁴⁴ 44 | 6 ⁵⁵ 55 | 21 ⁰ 3 | 7 ⁵¹ 51 | 5 ⁴⁰ 40 | 14 ¹¹ 11 | 2 ²⁸ 28 | 3 ²⁹ 29 | 4 ³⁸ 38 | 18 ¹¹ 11 | S 13 |
| M14 | 6 4 41 | 1 ⁰ 3'48 | 29 ³⁶ 36 | 17 ⁴⁴ 44 | 4 ²⁷ 27 | 28 ³⁰ 30 | 7 ⁰ 5 | 21 ⁰ 6 | 7 ⁵⁴ 54 | 5 ⁴³ 43 | 14 ¹³ 13 | 2 ¹⁸ 18 | 3 ²⁶ 26 | 4 ⁴⁵ 45 | 18 ⁰ 8 | M14 |
| T 15 | 6 8 37 | 2 ⁰ 5'00 | 11 ¹² 33 | 19 ¹³ 13 | 4 ³⁸ 38 | 29 ¹⁵ 15 | 7 ¹⁵ 15 | 21 ⁰ 9 | 7 ⁵⁷ 57 | 5 ⁴⁵ 45 | 14 ¹⁴ 14 | 2 ⁰ 6 | 3 ²³ 23 | 4 ⁵² 52 | 18 ⁰ 6 | T |