

Astrodienst Ephemeris Tables for the year 1470

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

JANUARY 1470 JC 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)∤(| ¥ | В | n | u | Ç | ķ | Day |
|------|---------|-------------------|-----------------|----------------|-------|----------------|----------------|--------------|---------------|----------------|-----------------|----------------|----------------|----------------|----------------|------|
| M 1 | 7 16 51 | 19 3 44'09 | 2 ප 38 | 22°R 0 | 22≈41 | 17 8 35 | 3°R40 | 6 8 7 | 21 으 3 | 11 M 20 | 10°R35 | 24°R59 | 25る20 | 28 3 44 | 27 3 40 | M 1 |
| T 2 | 7 20 47 | 20°45'16 | 14°30 | 20 궁 43 | 23°54 | 17°50 | 3 Mp 36 | 6° 7 | 21° 4 | 11°21 | 10 m /34 | 24 궁 59 | 25°17 | 28°51 | 27°45 | T 2 |
| W 3 | 7 24 44 | 21°46'23 | 26°18 | 19°25 | 25° 8 | 18° 6 | 3°32 | 6°8 | 21° 5 | 11°22 | 10°33 | 24°D59 | 25°14 | 28°57 | 27°50 | W 3 |
| T 4 | 7 28 40 | 22°47'29 | 8 ≈ 5 | 18° 9 | 26°22 | 18°22 | 3°27 | 6° 8 | 21° 6 | 11°23 | 10°32 | 24°59 | 25°11 | 29° 4 | 27°55 | T 4 |
| F 5 | 7 32 37 | 23°48'35 | 19°53 | 16°56 | 27°35 | 18°38 | 3°23 | 6° 9 | 21° 6 | 11°24 | 10°31 | 24°59 | 25° 8 | 29°11 | 28° 0 | F 5 |
| S 6 | 7 36 33 | 24°49'39 | 1) (45 | 15°49 | 28°49 | 18°55 | 3°18 | 6°10 | 21° 7 | 11°25 | 10°30 | 24°R59 | 25° 5 | 29°17 | 28° 5 | S 6 |
| S 7 | 7 40 30 | 25°50'43 | 13°43 | 14°49 | 0₩ 2 | 19°12 | 3°13 | 6°11 | 21° 7 | 11°26 | 10°29 | 24°59 | 25° 1 | 29°24 | 28°10 | S 7 |
| M 8 | 7 44 26 | 26°51'45 | 25°51 | 13°57 | 1°15 | 19°30 | 3° 8 | 6°12 | 21° 8 | 11°27 | 10°28 | 24°59 | 24°58 | 29°30 | 28°15 | M 8 |
| T 9 | 7 48 23 | 27°52'46 | 8 Υ 12 | 13°13 | 2°29 | 19°48 | 3° 3 | 6°13 | 21° 8 | 11°28 | 10°27 | 24°58 | 24°55 | 29°37 | 28°20 | T 9 |
| W10 | 7 52 20 | 28°53'47 | 20°50 | 12°38 | 3°42 | 20° 6 | 2°57 | 6°14 | 21° 9 | 11°29 | 10°26 | 24°58 | 24°52 | 29°44 | 28°25 | W10 |
| T 11 | 7 56 16 | 29°54'46 | 3 8 49 | 12°13 | 4°55 | 20°25 | 2°52 | 6°15 | 21° 9 | 11°29 | 10°25 | 24°D58 | 24°49 | 29°50 | 28°30 | T 11 |
| F 12 | 8 0 13 | 0≈55'44 | 17°12 | 11°56 | 6° 8 | 20°45 | 2°46 | 6°17 | 21° 9 | 11°30 | 10°24 | 24°58 | 24°45 | 29°57 | 28°35 | F 12 |
| S 13 | 8 4 9 | 1°56'40 | 1 I I 0 | 11°47 | 7°21 | 21° 5 | 2°41 | 6°19 | 21°10 | 11°31 | 10°23 | 24°59 | 24°42 | 0≈ 4 | 28°40 | S 13 |
| S 14 | 8 8 6 | 2°57'36 | 15°16 | 11°D47 | 8°34 | 21°25 | 2°35 | 6°20 | 21°10 | 11°32 | 10°21 | 25° 0 | 24°39 | 0°10 | 28°45 | S 14 |
| M15 | 8 12 2 | 3°58'30 | 29°55 | 11°54 | 9°47 | 21°46 | 2°29 | 6°22 | 21°10 | 11°32 | 10°20 | 25° 0 | 24°36 | 0°17 | 28°50 | M15 |
| T 16 | 8 15 59 | 4°59'23 | 149555 | 12° 8 | 11° 0 | 22° 7 | 2°22 | 6°24 | 21°R10 | 11°33 | 10°19 | 25° 1 | 24°33 | 0°24 | 28°55 | T 16 |
| W17 | 8 19 56 | 6° 0'14 | 0 Ω 7 | 12°29 | 12°12 | 22°28 | 2°16 | 6°26 | 21°10 | 11°33 | 10°18 | 25°R 1 | 24°30 | 0°30 | 29° 0 | W17 |
| T 18 | 8 23 52 | 7° 1'05 | 15°21 | 12°55 | 13°25 | 22°49 | 2°10 | 6°28 | 21°10 | 11°34 | 10°17 | 25° 0 | 24°26 | 0°37 | 29° 4 | T 18 |
| F 19 | 8 27 49 | 8° 1'54 | 0 m 29 | 13°27 | 14°38 | 23°11 | 2° 3 | 6°30 | 21°10 | 11°35 | 10°15 | 24°59 | 24°23 | 0°44 | 29° 9 | F 19 |
| S 20 | 8 31 45 | 9° 2'42 | 15°21 | 14° 4 | 15°50 | 23°34 | 1°56 | 6°33 | 21° 9 | 11°35 | 10°14 | 24°58 | 24°20 | 0°50 | 29°14 | S 20 |
| S 21 | 8 35 42 | 10° 3'29 | 29°49 | 14°46 | 17° 3 | 23°56 | 1°50 | 6°35 | 21° 9 | 11°35 | 10°13 | 24°56 | 24°17 | 0°57 | 29°19 | S 21 |
| M22 | 8 39 38 | 11° 4'15 | 13 ≏ 51 | 15°31 | 18°15 | 24°19 | 1°43 | 6°38 | 21° 9 | 11°36 | 10°11 | 24°54 | 24°14 | 1° 4 | 29°24 | M22 |
| T 23 | 8 43 35 | 12° 5'00 | 27°24 | 16°21 | 19°27 | 24°43 | 1°36 | 6°40 | 21° 9 | 11°36 | 10°10 | 24°52 | 24°11 | 1°10 | 29°29 | T 23 |
| W24 | 8 47 31 | 13° 5'44 | 10 M 31 | 17°14 | 20°39 | 25° 6 | 1°29 | 6°43 | 21° 8 | 11°37 | 10° 9 | 24°D52 | 24° 7 | 1°17 | 29°34 | W24 |
| T 25 | 8 51 28 | 14° 6'27 | 23°13 | 18°10 | 21°52 | 25°30 | 1°21 | 6°46 | 21° 8 | 11°37 | 10° 7 | 24°52 | 24° 4 | 1°23 | 29°39 | T 25 |
| F 26 | 8 55 25 | 15° 7'09 | 5 ₹ 36 | 19° 9 | 23° 4 | 25°54 | 1°14 | 6°49 | 21° 7 | 11°37 | 10° 6 | 24°53 | 24° 1 | 1°30 | 29°44 | F 26 |
| S 27 | 8 59 21 | 16° 7'49 | 17°44 | 20°11 | 24°16 | 26°19 | 1° 7 | 6°52 | 21° 7 | 11°37 | 10° 4 | 24°55 | 23°58 | 1°37 | 29°48 | S 27 |
| S 28 | 9 3 18 | 17° 8'29 | 29°40 | 21°15 | 25°27 | 26°43 | 0°59 | 6°55 | 21° 6 | 11°38 | 10° 3 | 24°56 | 23°55 | 1°43 | 29°53 | S 28 |
| M29 | 9 7 14 | 18° 9'07 | 11 る 30 | 22°22 | 26°39 | 27° 8 | 0°52 | 6°59 | 21° 5 | 11°38 | 10° 2 | 24°58 | 23°51 | 1°50 | 29°58 | M29 |
| T 30 | 9 11 11 | 19° 9'44 | 23°16 | 23°30 | 27°51 | 27°33 | 0°44 | 7° 2 | 21° 5 | 11°38 | 10° 0 | 24°R59 | 23°48 | 1°57 | 0≈ 3 | T 30 |
| W31 | 9 15 7 | 20≈10'19 | 5 ≈ 3 | 24 궁 41 | 29₩ 2 | 27 8 59 | 0 m µ37 | 7 8 5 | 21 ≏ 4 | 11 M 38 | 9 m 59 | 24 궁 58 | 23 궁 45 | 2≈ 3 | 0≈ 8 | W31 |

| Day | 0 | Ş |) | ζ | 5 | ς | 2 | ď | 4 | | 2 | + | ħ | ı. |); | ξ(| ř | ħ. | Е | 2 | n | ಬ | Ç | ķ | |
|------|--------|--------|------|------------------|------|--------|---------|-------|-----|-----|------|------|-------|-------|-------|------|--------|------|-------|-------|------------------|--------|--------|--------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22 s 3 | 25 s30 | 2s 1 | 18 s48 | 2n57 | 15 s33 | 1 s39 | 19n 3 | 2n | 0 1 | 1n19 | 1n12 | 11n20 | 2 s24 | 7 s40 | 0n37 | 13 s34 | 1n48 | 21n 7 | 14n39 | 21 s12 | 21 s 8 | 20 s10 | 14 s21 | 6n28 |
| T 2 | 21 54 | 23 41 | 0 58 | 18 48 | 3 9 | 15 7 | 1 38 | 19 7 | 2 | 0 1 | 1 21 | 1 13 | 11 21 | 2 23 | 7 40 | 0 37 | 13 34 | 1 48 | 21 8 | 14 39 | 21 12 | 21 8 | 20 8 | 14 20 | 6 28 |
| W 3 | 21 45 | 20 50 | 0n 7 | 18 50 | 3 18 | 14 42 | 1 36 | 19 12 | 2 | 1 1 | 1 23 | 1 13 | 11 21 | 2 23 | 7 41 | 0 37 | 13 35 | 1 48 | 21 8 | 14 40 | 21 12 | 21 9 | 20 6 | 14 19 | 6 28 |
| T 4 | 21 35 | 17 8 | | 18 53 | | | | 19 17 | | | 1 24 | | 11 22 | 2 23 | 7 41 | | 13 35 | | | 14 40 | | | | 14 18 | 6 28 |
| F 5 | | 12 46 | | 18 58 | | | | 19 21 | | | 1 26 | | 11 22 | 2 23 | 7 41 | | 13 35 | | 21 10 | | | - | | 14 17 | 6 28 |
| S 6 | 21 13 | 7 55 | 3 11 | 19 4 | 3 31 | 13 22 | 1 32 | 19 26 | 2 | 1 1 | 1 28 | 1 14 | 11 23 | 2 22 | 7 41 | 0 37 | 13 35 | 1 48 | 21 11 | 14 41 | 21 12 | 21 11 | 19 59 | 14 16 | 6 28 |
| S 7 | 21 2 | 2 44 | 3 59 | 19 11 | 3 31 | 12 54 | 1 31 | 19 31 | 2 | 1 1 | 1 30 | 1 14 | 11 23 | 2 22 | 7 41 | 0 37 | 13 36 | 1 48 | 21 11 | 14 41 | 21 12 | 21 11 | 19 57 | 14 15 | 6 28 |
| M 8 | 20 51 | 2n36 | 4 38 | 19 19 | 3 29 | 12 27 | 1 29 | 19 36 | 2 | 1 1 | 1 32 | 1 14 | 11 24 | 2 22 | 7 42 | 0 37 | 13 36 | 1 48 | 21 12 | 14 42 | 21 12 | 21 12 | 19 55 | 14 14 | 6 28 |
| T 9 | 20 39 | 7 55 | 5 5 | 19 28 | 3 24 | 11 59 | 1 27 | 19 41 | 2 | 1 1 | 1 34 | 1 14 | 11 24 | 2 21 | 7 42 | 0 37 | 13 36 | 1 48 | 21 13 | 14 42 | 21 12 | 21 13 | 19 53 | 14 13 | 6 28 |
| W10 | 20 26 | 13 3 | 5 17 | 19 37 | 3 19 | 11 31 | 1 26 | 19 46 | 2 | 2 1 | 1 37 | 1 15 | 11 25 | 2 21 | 7 42 | 0 37 | 13 36 | 1 48 | 21 14 | 14 43 | 21 12 | 21 13 | 19 50 | 14 12 | 6 28 |
| T 11 | 20 14 | 17 45 | 5 14 | 19 46 | 3 11 | 11 2 | 1 24 | 19 52 | 2 | 2 1 | 1 39 | 1 15 | 11 26 | 2 21 | 7 42 | 0 37 | 13 36 | 1 48 | 21 14 | 14 43 | 21 12 | 21 14 | 19 48 | 14 11 | 6 28 |
| F 12 | 20 1 | 21 43 | 4 55 | 19 56 | 3 3 | 10 33 | 1 22 | 19 57 | | | 1 41 | 1 15 | 11 27 | 2 20 | 7 42 | 0 37 | 13 37 | 1 48 | 21 15 | 14 43 | 21 12 | 21 14 | 19 46 | 14 10 | 6 28 |
| S 13 | 19 47 | 24 37 | 4 17 | 20 6 | 2 54 | 10 4 | 1 20 | 20 2 | 2 | 2 1 | 1 43 | 1 15 | 11 27 | 2 20 | 7 42 | 0 37 | 13 37 | 1 48 | 21 16 | 14 44 | 21 12 | 21 15 | 19 44 | 14 9 | 6 28 |
| S 14 | 19 33 | 26 4 | 3 24 | 20 15 | 2 44 | 9 35 | 1 18 | 20 8 | 2 | 2 1 | 1 46 | 1 16 | 11 28 | 2 20 | 7 42 | 0 37 | 13 37 | 1 48 | 21 17 | 14 44 | 21 12 | 21 15 | 19 41 | 14 8 | 6 28 |
| M15 | 19 19 | 25 46 | 2 15 | 20 25 | 2 34 | 9 5 | 1 15 | 20 13 | 2 | 2 1 | 1 48 | 1 16 | 11 29 | 2 19 | 7 42 | 0 37 | 13 37 | 1 48 | 21 18 | 14 44 | 21 12 | 21 16 | 19 39 | 14 7 | 6 28 |
| T 16 | | 23 36 | | 20 34 | 2 23 | 8 35 | | | | | 1 50 | 1 16 | | 2 19 | 7 42 | | 13 37 | | 21 18 | | | | | | 6 28 |
| W17 | | 19 44 | | 20 43 | 2 12 | 8 5 | | 20 24 | | | 1 53 | 1 16 | - | 2 19 | 7 42 | | 13 37 | | 21 19 | - | | - | | - | 6 28 |
| T 18 | 18 34 | | | 20 52 | 2 1 | 7 35 | 1 8 | | | | 1 55 | 1 16 | | 2 19 | 7 42 | | 13 37 | | 21 20 | | | | | | 6 28 |
| F 19 | 18 19 | | | 21 0 | | 7 5 | 1 6 | | | | 1 58 | 1 17 | | 2 18 | 7 42 | | 13 38 | | 21 21 | | | | | | 6 28 |
| S 20 | 18 3 | 2 2 | 4 4 | 21 7 | 1 39 | 6 34 | 1 3 | 20 41 | 2 | 2 1 | 2 1 | 1 17 | 11 34 | 2 18 | 7 42 | 0 38 | 13 38 | 1 49 | 21 21 | 14 46 | 21 12 | 21 19 | 19 28 | 14 2 | 6 28 |
| S 21 | 17 47 | 4s19 | 4 47 | 21 14 | 1 28 | 6 4 | 1 1 | 20 46 | 2 | 2 1 | 2 3 | 1 17 | 11 35 | 2 18 | 7 42 | 0 38 | 13 38 | 1 49 | 21 22 | 14 46 | 21 12 | 21 19 | 19 25 | 14 1 | 6 28 |
| M22 | 17 30 | 10 15 | 5 11 | 21 20 | 1 17 | 5 33 | 0 58 | 20 52 | 2 | 1 1 | 2 6 | 1 17 | 11 36 | 2 17 | 7 42 | 0 38 | 13 38 | 1 49 | 21 23 | 14 47 | 21 13 | 21 20 | 19 23 | 14 0 | 6 28 |
| T 23 | 17 13 | 15 29 | 5 16 | 21 25 | 1 6 | 5 2 | 0 55 | 20 58 | 2 | 1 1 | 2 8 | 1 17 | 11 37 | 2 17 | 7 41 | 0 38 | 13 38 | 1 49 | 21 24 | 14 47 | 21 13 | 21 20 | 19 21 | 13 59 | 6 28 |
| W24 | 16 56 | 19 50 | 5 5 | 21 29 | 0 55 | 4 31 | 0 52 | 21 3 | 2 | 1 1 | 2 11 | 1 17 | 11 39 | 2 17 | 7 41 | 0 38 | 13 38 | 1 49 | 21 25 | 14 47 | 21 13 | 21 21 | 19 18 | 13 58 | 6 28 |
| T 25 | 16 39 | 23 8 | 4 39 | 21 32 | 0 45 | 4 0 | 0 49 | 21 9 | 2 | 1 1 | 2 14 | 1 18 | 11 40 | 2 17 | 7 41 | 0 38 | 13 38 | | 21 25 | | | | | | 6 29 |
| F 26 | 16 21 | 25 14 | 4 0 | 21 34 | 0 34 | 3 28 | | 21 15 | 2 | 1 1 | 2 17 | 1 18 | 11 41 | 2 16 | 7 41 | 0 38 | 13 38 | | 21 26 | | | | | | 6 29 |
| S 27 | 16 3 | 26 7 | 3 12 | 21 35 | 0 24 | 2 57 | 0 43 | 21 21 | 2 | 1 1 | 2 19 | 1 18 | 11 42 | 2 16 | 7 41 | 0 38 | 13 38 | 1 49 | 21 27 | 14 48 | 21 13 | 21 23 | 19 11 | 13 55 | 6 29 |
| S 28 | 15 45 | 25 46 | 2 15 | 21 35 | 0 15 | 2 25 | 0 40 | 21 26 | 2 | 1 1 | 2 22 | 1 18 | 11 44 | 2 16 | 7 40 | 0 38 | 13 38 | 1 49 | 21 28 | 14 48 | 21 12 | 21 23 | 19 9 | 13 54 | 6 29 |
| M29 | 15 26 | 24 14 | 1 14 | 21 34 | 0 5 | 1 54 | 0 37 | 21 32 | 2 | 1 1 | 2 25 | 1 18 | 11 45 | 2 15 | 7 40 | 0 38 | 13 38 | 1 49 | 21 29 | 14 49 | 21 12 | 21 24 | 19 7 | 13 52 | 6 29 |
| T 30 | 15 7 | 21 39 | 0 9 | 21 32 | 0s 4 | 1 22 | 0 34 | 21 38 | 2 | 1 1 | 2 28 | 1 18 | 11 46 | 2 15 | 7 40 | 0 38 | 13 38 | 1 49 | 21 29 | 14 49 | 21 12 | 21 24 | 19 4 | 13 51 | 6 29 |
| W31 | 14 s48 | 18 s10 | 0n55 | $21\mathrm{s}28$ | 0s13 | 0s51 | 0 s 3 0 | 21n43 | 2n | 0 1 | 2n31 | 1n19 | 11n48 | 2s15 | 7 s39 | 0n38 | 13 s38 | 1n49 | 21n30 | 14n49 | $21\mathrm{s}12$ | 21 s25 | 19s 2 | 13 s50 | 6n29 |

Julian Day Number = 2257975.5, Delta T = 05m52s

Ecliptic obliquity = $23^{\circ}30'33$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red

 $Ayanamsha: Fagan/Bradley = 17^{\circ}20'45, Lahiri = 16^{\circ}27'46 \ Julian \ Calendar \ 1 \ Jan. \ 1470 == Greg. \ Calendar \ 10 \ Jan. \ 1470 == 10^{\circ}27'46 \ Julian \ 1470 == 10^{\circ}27'46$

FEBRUARY 1470 JC 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)∤(| 卉 | Р | r | v | Ç | ķ | Day |
|------|----------|---------------------|------------------|----------------|---------------|----------------|----------------|---------------|----------------|-----------------|---------------|----------------|-----------------|------|------|------|
| T 1 | 9 19 4 | 21≈10'53 | 16≈52 | 25 る 54 | 0 Υ 14 | 28 8 25 | 0°R29 | 7 と 9 | 21°R 3 | 11 M .38 | 9°R57 | 24°R56 | 23 ~ 342 | 2≈10 | 0≈12 | T 1 |
| F 2 | 9 23 0 | 22°11'26 | 28°46 | 27° 8 | 1°25 | 28°51 | 0 Mp 21 | 7°13 | 21 <u>₽</u> 2 | 11°38 | 9 m 56 | 24 궁 53 | 23°39 | 2°17 | 0°17 | F 2 |
| S 3 | 9 26 57 | 23°11'56 | 10) (46 | 28°24 | 2°37 | 29°17 | 0°14 | 7°16 | 21° 1 | 11°R38 | 9°54 | 24°49 | 23°36 | 2°23 | 0°22 | S 3 |
| S 4 | 9 30 54 | 24°12'25 | 22°55 | 29°41 | 3°48 | 29°43 | 0° 6 | 7°20 | 21° 0 | 11°38 | 9°53 | 24°43 | 23°32 | 2°30 | 0°26 | S 4 |
| M 5 | 9 34 50 | 25°12'52 | 5 Υ 13 | 1≈ 0 | 4°59 | 0П10 | 29 Ω 58 | 7°24 | 20°59 | 11°38 | 9°51 | 24°38 | 23°29 | 2°37 | 0°31 | M 5 |
| T 6 | 9 38 47 | 26°13'18 | 17°43 | 2°21 | 6°10 | 0°37 | 29°50 | 7°28 | 20°58 | 11°38 | 9°50 | 24°33 | 23°26 | 2°43 | 0°36 | T 6 |
| W 7 | 9 42 43 | 27°13'41 | 0 8 26 | 3°42 | 7°20 | 1° 4 | 29°42 | 7°32 | 20°57 | 11°38 | 9°48 | 24°29 | 23°23 | 2°50 | 0°40 | W 7 |
| T 8 | 9 46 40 | 28°14'03 | 13°26 | 5° 6 | 8°31 | 1°31 | 29°34 | 7°37 | 20°56 | 11°38 | 9°47 | 24°26 | 23°20 | 2°57 | 0°45 | T 8 |
| F 9 | 9 50 36 | 29°14'22 | 26°43 | 6°30 | 9°42 | 1°59 | 29°26 | 7°41 | 20°55 | 11°38 | 9°45 | 24°D25 | 23°17 | 3° 3 | 0°49 | F 9 |
| S 10 | 9 54 33 | 0) (14′40 | 10Ⅲ21 | 7°55 | 10°52 | 2°26 | 29°19 | 7°45 | 20°53 | 11°37 | 9°43 | 24°26 | 23°13 | 3°10 | 0°54 | S 10 |
| S 11 | 9 58 29 | 1°14'55 | 24°20 | 9°22 | 12° 3 | 2°54 | 29°11 | 7°50 | 20°52 | 11°37 | 9°42 | 24°27 | 23°10 | 3°16 | 0°58 | S 11 |
| M12 | 10 2 26 | 2°15'09 | 89541 | 10°50 | 13°13 | 3°22 | 29° 3 | 7°55 | 20°51 | 11°37 | 9°40 | 24°28 | 23° 7 | 3°23 | 1° 3 | M12 |
| T 13 | 10 6 23 | 3°15'20 | 23°21 | 12°19 | 14°23 | 3°51 | 28°55 | 7°59 | 20°49 | 11°36 | 9°39 | 24°R29 | 23° 4 | 3°30 | 1° 7 | T 13 |
| W14 | 10 10 19 | 4°15'29 | 8 Ω 17 | 13°50 | 15°33 | 4°19 | 28°47 | 8° 4 | 20°48 | 11°36 | 9°37 | 24°28 | 23° 1 | 3°36 | 1°11 | W14 |
| T 15 | 10 14 16 | 5°15'37 | 23°20 | 15°21 | 16°42 | 4°48 | 28°39 | 8° 9 | 20°46 | 11°36 | 9°36 | 24°26 | 22°57 | 3°43 | 1°16 | T 15 |
| F 16 | 10 18 12 | 6°15'42 | 8 m 23 | 16°53 | 17°52 | 5°17 | 28°32 | 8°14 | 20°45 | 11°35 | 9°34 | 24°21 | 22°54 | 3°50 | 1°20 | F 16 |
| S 17 | 10 22 9 | 7°15'45 | 23°17 | 18°27 | 19° 2 | 5°46 | 28°24 | 8°19 | 20°43 | 11°35 | 9°32 | 24°15 | 22°51 | 3°56 | 1°24 | S 17 |
| S 18 | 10 26 5 | 8°15'47 | 7 ≙ 52 | 20° 2 | 20°11 | 6°15 | 28°16 | 8°24 | 20°42 | 11°34 | 9°31 | 24° 8 | 22°48 | 4° 3 | 1°29 | S 18 |
| M19 | 10 30 2 | 9°15'46 | 22° 2 | 21°38 | 21°20 | 6°44 | 28° 9 | 8°29 | 20°40 | 11°34 | 9°29 | 24° 1 | 22°45 | 4°10 | 1°33 | M19 |
| T 20 | 10 33 58 | 10°15'44 | 5 M 45 | 23°15 | 22°29 | 7°13 | 28° 1 | 8°34 | 20°38 | 11°33 | 9°28 | 23°55 | 22°42 | 4°16 | 1°37 | T 20 |
| W21 | 10 37 55 | 11°15'41 | 18°59 | 24°53 | 23°38 | 7°43 | 27°54 | 8°39 | 20°36 | 11°33 | 9°26 | 23°50 | 22°38 | 4°23 | 1°41 | W21 |
| T 22 | 10 41 51 | 12°15'36 | 1 ∡7 47 | 26°32 | 24°47 | 8°13 | 27°46 | 8°45 | 20°35 | 11°32 | 9°24 | 23°48 | 22°35 | 4°30 | 1°45 | T 22 |
| F 23 | 10 45 48 | 13°15'29 | 14°12 | 28°12 | 25°55 | 8°42 | 27°39 | 8°50 | 20°33 | 11°31 | 9°23 | 23°D47 | 22°32 | 4°36 | 1°49 | F 23 |
| S 24 | 10 49 45 | 14°15'20 | 26°20 | 29°54 | 27° 4 | 9°12 | 27°31 | 8°56 | 20°31 | 11°31 | 9°21 | 23°48 | 22°29 | 4°43 | 1°53 | S 24 |
| S 25 | 10 53 41 | 15°15'10 | 8 궁 15 | 1 ∺ 37 | 28°12 | 9°43 | 27°24 | 9° 1 | 20°29 | 11°30 | 9°20 | 23°49 | 22°26 | 4°50 | 1°57 | S 25 |
| M26 | 10 57 38 | 16°14'58 | 20° 3 | 3°21 | 29°20 | 10°13 | 27°17 | 9° 7 | 20°27 | 11°29 | 9°18 | 23°R50 | 22°23 | 4°56 | 2° 1 | M26 |
| T 27 | 11 134 | 17°14'44 | 1≈49 | 5° 6 | 0 8 28 | 10°43 | 27°10 | 9°13 | 20°25 | 11°29 | 9°17 | 23°50 | 22°19 | 5° 3 | 2° 5 | T 27 |
| W28 | 11 5 31 | 18) (14′28 | 13 ≈ 37 | 6 ¥ 52 | 1 8 35 | 11 Ⅱ 14 | 27 N 3 | 9 8 19 | 20 ≏ 23 | 11 M 28 | 9 m 15 | 23 궁 47 | 22 궁 16 | 5≈ 9 | 2≈ 9 | W28 |

| Day | 0 | Ş |) | ζ | 5 | ς | 2 | ď | 7 | | 4 | | ħ | l |) | ţ(| j | Ţ | Е | 2 | n | v | ţ | Š | |
|------|--------|--------|---------|--------|-------|-------|-------|-------|-----|-------|--------|-----|-------|------|-------|------|--------|------|-------|-------|--------|--------|-------|--------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | de | cl lat | | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14 s29 | 13 s57 | 1n58 | 21 s24 | 0 s22 | 0s19 | 0 s27 | 21n49 | 2n | 0 12n | 34 1r | n19 | 11n49 | 2s15 | 7 s39 | 0n38 | 13 s38 | 1n50 | 21n31 | 14n49 | 21 s12 | 21 s25 | 19s 0 | 13 s49 | 6n29 |
| F 2 | 14 9 | 9 12 | 2 55 | 21 18 | 0 31 | 0n12 | 0 23 | 21 55 | 2 | 0 12 | 36 1 | 19 | 11 51 | 2 14 | 7 39 | 0 38 | 13 38 | 1 50 | 21 32 | 14 49 | 21 13 | 21 26 | 18 57 | 13 48 | 6 30 |
| S 3 | 13 49 | 4 4 | 3 45 | 21 10 | 0 39 | 0 44 | 0 20 | 22 0 | 2 | 0 12 | 39 1 | 19 | 11 52 | 2 14 | 7 38 | 0 38 | 13 38 | 1 50 | 21 32 | 14 50 | 21 14 | 21 26 | 18 55 | 13 47 | 6 30 |
| S 4 | 13 29 | 1n15 | 4 26 | 21 2 | 0 47 | 1 16 | 0 16 | 22 6 | 2 | 0 12 | 42 1 | 19 | 11 54 | 2 14 | 7 38 | 0 38 | 13 38 | 1 50 | 21 33 | 14 50 | 21 15 | 21 27 | 18 53 | 13 46 | 6 30 |
| M 5 | 13 9 | 6 35 | 4 55 | 20 52 | 0 54 | 1 47 | 0 13 | 22 11 | 2 | 0 12 | 45 1 | 19 | 11 55 | 2 13 | 7 38 | 0 38 | 13 38 | 1 50 | 21 34 | 14 50 | 21 16 | 21 28 | 18 50 | 13 45 | 6 30 |
| T 6 | 12 49 | 11 45 | 5 10 | 20 41 | 1 1 | 2 19 | 0 9 | 22 17 | 1 5 | 9 12 | 48 1 | 19 | 11 57 | 2 13 | 7 37 | 0 38 | 13 38 | 1 50 | 21 35 | 14 50 | 21 16 | 21 28 | 18 48 | 13 44 | 6 30 |
| W 7 | 12 28 | 16 30 | 5 11 | 20 29 | 1 8 | 2 50 | 0 5 | 22 23 | 1 5 | 9 12 | 51 1 | 19 | 11 58 | 2 13 | 7 37 | 0 38 | 13 37 | 1 50 | 21 36 | 14 50 | 21 17 | 21 29 | 18 46 | 13 42 | 6 30 |
| T 8 | 12 7 | 20 36 | 4 56 | 20 16 | 1 15 | 3 22 | 0 2 | 22 28 | 1 5 | 9 12 | 54 1 | 19 | 12 0 | 2 13 | 7 36 | 0 38 | 13 37 | 1 50 | 21 36 | 14 51 | 21 18 | 21 29 | 18 43 | 13 41 | 6 31 |
| F 9 | 11 46 | 23 46 | 4 24 | 20 1 | 1 21 | 3 53 | 0n 2 | 22 33 | 1 5 | 9 12 | 56 1 | 19 | 12 2 | 2 12 | 7 36 | 0 38 | 13 37 | 1 50 | 21 37 | 14 51 | 21 18 | 21 30 | 18 41 | 13 40 | 6 31 |
| S 10 | 11 25 | 25 39 | 3 38 | 19 45 | 1 27 | 4 24 | 0 6 | 22 39 | 1 5 | 9 12 | 59 1 | 20 | 12 3 | 2 12 | 7 35 | 0 38 | 13 37 | 1 50 | 21 38 | 14 51 | 21 18 | 21 30 | 18 38 | 13 39 | 6 31 |
| S 11 | 11 4 | 26 0 | 2 37 | 19 27 | 1 33 | 4 56 | 0 10 | 22 44 | 1 5 | 8 13 | 2 1 | 20 | 12 5 | 2 12 | 7 35 | 0 38 | 13 37 | 1 50 | 21 39 | 14 51 | 21 18 | 21 31 | 18 36 | 13 38 | 6 31 |
| M12 | 10 42 | 24 38 | 1 25 | 19 8 | 1 38 | 5 27 | 0 14 | 22 49 | 1 5 | 8 13 | 5 1 | 20 | 12 7 | 2 12 | 7 34 | 0 38 | 13 37 | 1 50 | 21 39 | 14 51 | 21 17 | 21 31 | 18 34 | 13 37 | 6 32 |
| T 13 | 10 20 | 21 35 | 0 6 | 18 48 | 1 43 | 5 58 | 0 18 | 22 55 | 1 5 | 8 13 | 8 1 | 20 | 12 8 | 2 11 | 7 34 | 0 38 | 13 37 | 1 50 | 21 40 | 14 51 | 21 17 | 21 32 | 18 31 | 13 36 | 6 32 |
| W14 | 9 59 | 17 3 | 1 s 1 4 | 18 26 | 1 47 | 6 28 | 0 22 | 23 0 | 1 5 | 8 13 | 11 1 | 20 | 12 10 | 2 11 | 7 33 | 0 38 | 13 37 | 1 50 | 21 41 | 14 51 | 21 17 | 21 32 | 18 29 | 13 34 | 6 32 |
| T 15 | 9 37 | 11 25 | 2 30 | 18 3 | 1 52 | 6 59 | 0 26 | 23 5 | 1 5 | 7 13 | 13 1 | 20 | 12 12 | 2 11 | 7 33 | 0 38 | 13 36 | 1 50 | 21 41 | 14 51 | 21 18 | 21 33 | 18 26 | 13 33 | 6 32 |
| F 16 | 9 14 | 5 7 | 3 36 | 17 39 | 1 55 | 7 30 | 0 30 | 23 10 | 1 5 | 7 13 | 16 1 | 20 | 12 14 | 2 11 | 7 32 | 0 38 | 13 36 | 1 50 | 21 42 | 14 52 | 21 19 | 21 33 | 18 24 | 13 32 | 6 32 |
| S 17 | 8 52 | 1 s23 | 4 26 | 17 13 | 1 59 | 8 0 | 0 34 | 23 15 | 1 5 | 7 13 | 19 1 | 20 | 12 16 | 2 10 | 7 31 | 0 38 | 13 36 | 1 50 | 21 43 | 14 52 | 21 20 | 21 34 | 18 22 | 13 31 | 6 33 |
| S 18 | 8 30 | 7 40 | 4 57 | 16 46 | 2 2 | 8 30 | 0 38 | 23 20 | 1 5 | 7 13 | 22 1 | 20 | 12 17 | 2 10 | 7 31 | 0 38 | 13 36 | 1 51 | 21 43 | 14 52 | 21 21 | 21 35 | 18 19 | 13 30 | 6 33 |
| M19 | 8 7 | 13 23 | 5 9 | 16 18 | 2 5 | 9 0 | 0 43 | 23 25 | 1 5 | 6 13 | 24 1 | 20 | 12 19 | 2 10 | 7 30 | 0 38 | 13 36 | 1 51 | 21 44 | 14 52 | 21 22 | 21 35 | 18 17 | 13 29 | 6 33 |
| T 20 | 7 45 | 18 13 | 5 3 | 15 48 | 2 7 | 9 30 | 0 47 | 23 29 | 1 5 | 6 13 | 27 1 | 20 | 12 21 | 2 10 | 7 29 | 0 38 | 13 35 | 1 51 | 21 45 | 14 52 | 21 23 | 21 36 | 18 14 | 13 28 | 6 33 |
| W21 | 7 22 | 22 0 | 4 40 | 15 17 | 2 9 | 9 59 | 0 51 | 23 34 | 1 5 | 6 13 | 30 1 | 20 | 12 23 | 2 10 | 7 29 | 0 38 | 13 35 | 1 51 | 21 46 | 14 52 | 21 24 | 21 36 | 18 12 | 13 26 | 6 34 |
| T 22 | 6 59 | 24 34 | 4 4 | 14 45 | 2 10 | 10 29 | 0 55 | 23 39 | 1 5 | 6 13 | 32 1 | 20 | 12 25 | 2 9 | 7 28 | 0 38 | 13 35 | 1 51 | 21 46 | 14 52 | 21 24 | 21 37 | 18 10 | 13 25 | 6 34 |
| F 23 | 6 36 | 25 50 | 3 17 | 14 11 | 2 11 | 10 58 | 1 0 | 23 43 | 1 5 | 5 13 | 35 1 | 20 | 12 27 | 2 9 | 7 27 | 0 38 | 13 35 | 1 51 | 21 47 | 14 52 | 21 25 | 21 37 | 18 7 | 13 24 | 6 34 |
| S 24 | 6 13 | 25 50 | 2 23 | 13 36 | 2 12 | 11 27 | 1 4 | 23 47 | 1 5 | 5 13 | 37 1 | 20 | 12 29 | 2 9 | 7 27 | 0 38 | 13 34 | 1 51 | 21 47 | 14 52 | 21 24 | 21 38 | 18 5 | 13 23 | 6 35 |
| S 25 | 5 50 | 24 38 | 1 23 | 12 59 | 2 12 | 11 55 | 1 8 | 23 52 | 1 5 | 5 13 | 40 1 | 20 | 12 31 | 2 9 | 7 26 | 0 38 | 13 34 | 1 51 | 21 48 | 14 52 | 21 24 | 21 38 | 18 2 | 13 22 | 6 35 |
| M26 | 5 26 | 22 21 | 0 20 | 12 21 | 2 11 | 12 24 | 1 13 | 23 56 | 1 5 | 5 13 | 42 1 | 20 | 12 33 | 2 8 | 7 25 | 0 38 | 13 34 | 1 51 | 21 49 | 14 52 | 21 24 | 21 39 | 18 0 | 13 21 | 6 35 |
| T 27 | 5 3 | 19 7 | 0n43 | 11 42 | 2 11 | 12 52 | 1 17 | 24 0 | 1 5 | 4 13 | 45 1 | 20 | 12 35 | 2 8 | 7 24 | 0 38 | 13 34 | 1 51 | 21 49 | 14 52 | 21 24 | 21 39 | 17 57 | 13 20 | 6 36 |
| W28 | 4 s40 | 15 s 7 | 1n44 | 11s 1 | 2s 9 | 13n20 | 1n21 | 24n 4 | 1n5 | 4 13n | 47 lı | 120 | 12n37 | 2s 8 | 7 s24 | 0n38 | 13 s33 | 1n51 | 21n50 | 14n52 | 21 s24 | 21 s40 | 17s55 | 13 s18 | 6n36 |

Julian Day Number = 2258006.5, Delta T = 05m52s

Ecliptic obliquity = 23°30'33, Nutation = 0°00'17, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 17°20'50, Lahiri = 16°27'50 Julian Calendar 1 Feb. 1470 == Greg. Calendar 10 Feb. 1470

MARCH 1470 JC 00:00 UT

| Davi | Sid.t | | 7 | × | ^ | 7 | ٦. | + |),(|).(| D | 0 | ^ | • | k | Davi |
|------|----------|-------------------|-----------------|----------------|---------------|----------------|-----------------|-------|----------------|----------------|---------------|-----------------|----------------|---------------|------|------|
| Day | | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| 卉 | Р | ß | U | Ç | ę | Day |
| T 1 | 11 9 27 | 19) 14'11 | 25≈30 | 8) 4 0 | 2 8 43 | 11 Ⅱ 44 | 26°R56 | 9824 | 20°R21 | 11°R27 | 9°R13 | 23°R43 | 22 궁 13 | 5≈16 | 2≈13 | T 1 |
| F 2 | 11 13 24 | 20°13'51 | 7 ∺ 32 | 10°28 | 3°50 | 12°15 | 26 Ω 49 | 9°30 | 20 ≏ 19 | 11 M 26 | 9 m 12 | 23 궁 36 | 22°10 | 5°23 | 2°16 | F 2 |
| S 3 | 11 17 20 | 21°13'30 | 19°44 | 12°18 | 4°57 | 12°46 | 26°43 | 9°36 | 20°17 | 11°25 | 9°10 | 23°26 | 22° 7 | 5°29 | 2°20 | S 3 |
| S 4 | 11 21 17 | 22°13'06 | 2 ° 7 | 14°10 | 6° 4 | 13°17 | 26°36 | 9°42 | 20°15 | 11°24 | 9° 9 | 23°15 | 22° 3 | 5°36 | 2°24 | S 4 |
| M 5 | 11 25 14 | 23°12'40 | 14°42 | 16° 2 | 7°11 | 13°48 | 26°30 | 9°49 | 20°13 | 11°23 | 9° 7 | 23° 4 | 22° 0 | 5°43 | 2°27 | M 5 |
| T 6 | 11 29 10 | 24°12'13 | 27°28 | 17°56 | 8°17 | 14°20 | 26°23 | 9°55 | 20°10 | 11°22 | 9° 6 | 22°53 | 21°57 | 5°49 | 2°31 | T 6 |
| W 7 | 11 33 7 | 25°11'43 | 10827 | 19°51 | 9°23 | 14°51 | 26°17 | 10° 1 | 20° 8 | 11°21 | 9° 4 | 22°44 | 21°54 | 5°56 | 2°34 | W 7 |
| T 8 | 11 37 3 | 26°11'10 | 23°38 | 21°47 | 10°29 | 15°23 | 26°11 | 10° 7 | 20° 6 | 11°20 | 9° 3 | 22°38 | 21°51 | 6° 3 | 2°38 | T 8 |
| F 9 | 11 41 0 | 27°10'36 | 7 I I 2 | 23°44 | 11°35 | 15°54 | 26° 5 | 10°14 | 20° 4 | 11°19 | 9° 1 | 22°33 | 21°48 | 6° 9 | 2°41 | F 9 |
| S 10 | 11 44 56 | 28° 9'59 | 20°39 | 25°43 | 12°40 | 16°26 | 26° 0 | 10°20 | 20° 1 | 11°18 | 9° 0 | 22°32 | 21°44 | 6°16 | 2°44 | S 10 |
| S 11 | 11 48 53 | 29° 9'20 | 4930 | 27°42 | 13°46 | 16°58 | 25°54 | 10°27 | 19°59 | 11°17 | 8°58 | 22°D32 | 21°41 | 6°23 | 2°48 | S 11 |
| M12 | 11 52 49 | 0Υ 8'38 | 18°36 | 29°43 | 14°51 | 17°30 | 25°49 | 10°33 | 19°57 | 11°16 | 8°57 | 22°R32 | 21°38 | 6°29 | 2°51 | M12 |
| T 13 | 11 56 46 | 1° 7'54 | 2Ω56 | 1Υ45 | 15°56 | 18° 1 | 25°43 | 10°40 | 19°54 | 11°15 | 8°55 | 22°32 | 21°35 | 6°36 | 2°54 | T 13 |
| W14 | 12 0 43 | 2° 7'08 | 17°29 | 3°47 | 17° 0 | 18°34 | 25°38 | 10°46 | 19°52 | 11°14 | 8°54 | 22°29 | 21°32 | 6°43 | 2°57 | W14 |
| T 15 | 12 4 39 | 3° 6'19 | 2Mp 9 | 5°50 | 18° 4 | 19° 6 | 25°33 | 10°53 | 19°50 | 11°13 | 8°52 | 22°25 | 21°29 | 6°49 | 3° 0 | T 15 |
| F 16 | 12 8 36 | 4° 5'28 | 16°52 | 7°53 | 19°8 | 19°38 | 25°28 | 11° 0 | 19°47 | 11°11 | 8°51 | 22°17 | 21°25 | 6°56 | 3° 3 | F 16 |
| S 17 | 12 12 32 | 5° 4'35 | 1 ≏ 29 | 9°57 | 20°12 | 20°10 | 25°23 | 11° 6 | 19°45 | 11°10 | 8°50 | 22° 7 | 21°22 | 7° 2 | 3° 6 | S 17 |
| S 18 | 12 16 29 | 6° 3'40 | 15°54 | 12° 1 | 21°15 | 20°43 | 25°19 | 11°13 | 19°42 | 11° 9 | 8°48 | 21°56 | 21°19 | 7° 9 | 3° 9 | S 18 |
| M19 | 12 20 25 | 7° 2'42 | 29°59 | 14° 5 | 22°18 | 21°15 | 25°15 | 11°20 | 19°40 | 11° 8 | 8°47 | 21°45 | 21°16 | 7°16 | 3°12 | M19 |
| T 20 | 12 24 22 | 8° 1'43 | 13 M .40 | 16° 8 | 23°21 | 21°48 | 25°10 | 11°27 | 19°37 | 11° 6 | 8°45 | 21°35 | 21°13 | 7°22 | 3°15 | T 20 |
| W21 | 12 28 18 | 9° 0'42 | 26°56 | 18°11 | 24°23 | 22°20 | 25° 6 | 11°34 | 19°35 | 11° 5 | 8°44 | 21°26 | 21° 9 | 7°29 | 3°18 | W21 |
| T 22 | 12 32 15 | 9°59'40 | 9 ×7 47 | 20°12 | 25°25 | 22°53 | 25° 2 | 11°41 | 19°32 | 11° 4 | 8°43 | 21°20 | 21° 6 | 7°36 | 3°20 | T 22 |
| F 23 | 12 36 12 | 10°58'35 | 22°15 | 22°12 | 26°27 | 23°26 | 24°59 | 11°48 | 19°30 | 11° 2 | 8°41 | 21°17 | 21° 3 | 7°42 | 3°23 | F 23 |
| S 24 | 12 40 8 | 11°57'29 | 4 る 26 | 24°10 | 27°28 | 23°59 | 24°55 | 11°55 | 19°27 | 11° 1 | 8°40 | 21°16 | 21° 0 | 7°49 | 3°25 | S 24 |
| S 25 | 12 44 5 | 12°56'20 | 16°23 | 26° 7 | 28°29 | 24°32 | 24°52 | 12° 2 | 19°25 | 11° 0 | 8°39 | 21°16 | 20°57 | 7°56 | 3°28 | S 25 |
| M26 | 12 48 1 | 13°55'11 | 28°12 | 28° 0 | 29°29 | 25° 5 | 24°48 | 12° 9 | 19°22 | 10°58 | 8°38 | 21°16 | 20°54 | 8° 2 | 3°30 | M26 |
| T 27 | 12 51 58 | 14°53'59 | 9≈59 | 29°51 | 0П30 | 25°38 | 24°45 | 12°17 | 19°20 | 10°57 | 8°36 | 21°15 | 20°50 | 8° 9 | 3°33 | T 27 |
| W28 | 12 55 54 | 15°52'45 | 21°50 | 1839 | 1°29 | 26°11 | 24°43 | 12°24 | 19°17 | 10°56 | 8°35 | 21°11 | 20°47 | 8°16 | 3°35 | W28 |
| T 29 | 12 59 51 | 16°51'30 | 3) (48 | 3°23 | 2°29 | 26°45 | 24°40 | 12°31 | 19°14 | 10°54 | 8°34 | 21° 6 | 20°44 | 8°22 | 3°37 | T 29 |
| F 30 | 13 3 47 | 17°50'13 | 15°57 | 5° 3 | 3°28 | 27°18 | 24°37 | 12°39 | 19°12 | 10°53 | 8°33 | 20°57 | 20°41 | 8°29 | 3°40 | F 30 |
| S 31 | 13 7 44 | 18 Y 48'54 | 28 米 20 | 6 8 39 | 4 Ⅱ 26 | 27 Ⅱ 51 | 24 \O 35 | 12846 | 19 ଦ 9 | 10 M 51 | 8 m 32 | 20 පි 46 | 20 궁 38 | 8 ≈ 36 | 3≈42 | S 31 |

| Day | 0 | D | ğ | i | φ | ď | 2 | + | ħ | ì. |)į | β(| ¥ | | Р | n | U | Ç | ķ | |
|--|--|---|--------------------------------------|---|---|---|---|--|---|--|--|--------------------------------------|---|--|--|---|---|---|---|---|
| | decl | decl lat | decl | lat dec | l lat d | ecl lat | decl | lat | decl | lat | decl | lat | decl lat | dec | l lat | decl | decl | decl | decl | lat |
| T 1 F 2 S 3 | 4s16 3 53 3 29 | 10 s31 2n42 5 29 3 32 0 11 4 14 | 9 36 | 2s 8 13n4 2 5 14 1 2 3 14 4 | 4 1 30 24 | 12 1 53 | | 1n20 1 20 1 20 | 12 41 | 2s 8 2 8 2 7 | 7 s23 7 22 7 21 | | 13 33 1 5 | 21 5 | 1 14n52 1 14 52 2 14 52 | 21 27 | 21 41 | 17 50 | 13 16 | 6n36 6 36 6 37 |
| S 4 M 5 T 6 W 7 T 8 F 9 | | 15 19 5 3 19 35 4 50 22 57 4 21 | 7 18 6 30 5 40 4 49 | 1 56 15 3 | 0 1 47 24 5 1 52 24 1 1 56 24 | 23 1 53 27 1 52 30 1 52 33 1 52 | 13 56 13 58 14 0 14 2 14 4 14 6 | 1 20 1 20 1 20 | 12 47 12 49 12 52 12 54 | 2 7 2 7 2 7 2 7 2 6 2 6 | 7 20 7 20 7 19 7 18 7 17 7 16 | 0 39 0 39 0 39 0 39 | 13 32 1 5 13 31 1 5 13 31 1 5 13 31 1 5 | 21 5 1 21 5 1 21 5 1 21 5 | 2 14 52 3 14 52 3 14 52 4 14 52 4 14 52 5 14 52 | 21 32 21 34 21 35 21 36 | 21 42 21 43 21 43 21 44 | 17 43 17 40 17 38 17 35 | 13 13 13 12 13 11 13 9 | 6 37 6 37 6 38 6 38 6 39 6 39 |
| S 10 S 11 M12 T 13 | 0 44 0 20 0n 3 0 27 | 25 52 2 41 | 3 4 | 1 29 17 4 | 0 2 4 24 4 2 9 24 7 2 13 24 | 39 1 51 42 1 51 45 1 50 | 14 8 14 10 14 12 | | 12 58 13 0 13 3 | 2 6 2 6 2 6 2 5 | 7 15 7 14 7 14 7 13 | 0 39 0 39 0 39 | 13 30 1 5 13 30 1 5 13 29 1 5 | 2 21 5 2 21 5 2 21 5 | 5 14 52 5 14 52 6 14 52 6 14 51 7 14 51 | 21 37 21 37 21 37 | 21 45 21 45 21 46 | 17 30 17 28 17 26 | 13 7 13 6 13 5 | 6 39 6 40 6 40 6 40 |
| W14 T 15 F 16 S 17 | 0 51 1 14 1 38 2 1 | 13 36 2 9 7 43 3 14 1 25 4 7 4s55 4 43 | 0n37 1 34 2 32 | 0 58 19 1 0 49 19 3 0 40 19 5 0 30 20 1 | 3 2 21 24 5 2 25 24 7 2 29 24 | 50 1 50 53 1 49 55 1 49 | 14 15 14 17 | 1 19 1 19 1 19 1 19 | 13 7 13 9 13 11 | 2 5 2 5 2 5 2 5 2 5 | 7 12 7 11 7 10 7 9 | 0 39 0 39 0 39 | 13 28 1 5 13 28 1 5 13 28 1 5 | 2 21 5 2 21 5 2 21 5 | 7 14 51 7 14 51 8 14 51 8 14 51 9 14 51 | 21 38 21 38 21 40 | 21 47 21 47 21 48 | 17 21 17 18 17 16 | 13 3 13 2 13 1 | 6 41 6 41 6 42 6 42 |
| S 18 M19 T 20 W21 T 22 F 23 S 24 | 3 35 3 58 4 21 | 16 9 4 59 20 26 4 40 23 31 4 6 | 5 26 6 23 7 21 8 17 9 13 | 0 20 20 3 0 9 21 0n 2 21 2 0 13 21 3 0 24 21 5 0 35 22 1 0 47 22 3 | 0 2 41 25 0 2 45 25 9 2 49 25 8 2 53 25 7 2 57 25 | 1 1 48 3 1 48 5 1 47 6 1 47 7 1 47 | 14 23 14 24 14 25 14 27 | 1 19 1 19 1 19 1 18 1 18 1 18 1 18 | 13 18 13 20 13 23 13 25 13 27 | 2 5 2 4 2 4 2 4 2 4 2 4 2 4 2 4 | 7 8 7 7 7 6 7 5 7 4 7 3 7 2 | 0 39 0 39 0 39 0 39 0 39 | 13 26 1 5 13 26 1 5 13 25 1 5 13 25 1 5 13 25 1 5 | 2 21 5 2 22 2 22 2 22 2 22 2 22 | | 21 45 21 46 21 48 21 49 21 49 | 21 49 21 50 21 50 21 51 21 51 | 17 8 17 6 17 3 17 1 16 58 | 12 58 12 57 12 56 12 55 12 54 | 6 42 6 43 6 43 6 44 6 44 6 45 |
| S 25 M26 T 27 W28 T 29 F 30 S 31 | 5 7 5 30 5 53 6 16 6 39 7 1 7n24 | 16 14 1 38 11 50 2 34 6 58 3 25 1 46 4 7 | 11 53 12 42 13 30 14 16 | 0 58 22 5 1 10 23 1 21 23 2 1 31 23 4 1 42 23 5 1 51 24 1 2n 1 24n2 | 9 3 8 25 6 3 11 25 1 3 14 25 7 3 18 25 2 3 21 25 | 11 1 46 12 1 45 12 1 45 13 1 45 13 1 44 | 14 30 14 31 14 32 14 32 14 33 14 34 14n35 | 1 18 1 18 1 18 1 18 1 17 1 17 | 13 34 13 37 13 39 13 41 | 2 4 2 3 2 3 2 3 2 3 2 3 2 3 2 3 | 7 1 7 0 6 59 6 58 6 57 6 57 6 56 | 0 39 0 39 0 39 0 39 0 39 | 13 23 1 5 13 23 1 5 13 22 1 5 | 2 22 2 22 2 22 2 22 2 22 2 22 | 1 14 49 2 14 49 2 14 49 2 14 49 3 14 48 3 14n48 | 21 49 21 50 21 50 21 51 21 52 | 21 53 21 53 21 54 21 54 21 55 | 16 50 16 48 16 45 16 43 16 40 | 12 51 12 50 12 49 12 48 12 47 | 6 45 6 46 6 46 6 47 6 47 6 47 6 148 |

Julian Day Number = 2258034.5, Delta T = 05m52s

Ecliptic obliquity = $23^{\circ}30'33$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°20'53, Lahiri = 16°27'54 Julian Calendar 1 March 1470 == Greg. Calendar 10 March 1470

APRIL 1470 JC 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ♂ | 4 | ħ |)∤(| ¥ | Р | ß | Ω | ţ | ę, | Day |
|------|----------|-------------------|------------------|----------------|---------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------|------|------|
| S 1 | 13 11 40 | 19 ° 47'33 | 10 Y 58 | 8811 | 5 Ⅱ 24 | 28 II 25 | 24°R33 | 12853 | 19°R 7 | 10°R50 | 8°R31 | 20°R33 | 20 궁 34 | 8≈42 | 3≈44 | S 1 |
| M 2 | 13 15 37 | 20°46'10 | 23°52 | 9°39 | 6°22 | 28°58 | 24€31 | 13° 1 | 19 ♀ 4 | 10 M .48 | 8 m /30 | 20중20 | 20°31 | 8°49 | 3°46 | M 2 |
| T 3 | 13 19 34 | 21°44'45 | 78 0 | 11° 2 | 7°19 | 29°32 | 24°29 | 13° 8 | 19° 2 | 10°47 | 8°28 | 20° 7 | 20°28 | 8°56 | 3°48 | T 3 |
| W 4 | 13 23 30 | 22°43'18 | 20°21 | 12°20 | 8°16 | 0 ෙ 6 | 24°28 | 13°15 | 18°59 | 10°45 | 8°27 | 19°56 | 20°25 | 9° 2 | 3°50 | W 4 |
| T 5 | 13 27 27 | 23°41'50 | 3 II 53 | 13°34 | 9°12 | 0°39 | 24°26 | 13°23 | 18°57 | 10°44 | 8°26 | 19°48 | 20°22 | 9° 9 | 3°51 | T 5 |
| F 6 | 13 31 23 | 24°40'19 | 17°34 | 14°42 | 10° 7 | 1°13 | 24°25 | 13°30 | 18°54 | 10°42 | 8°25 | 19°43 | 20°19 | 9°16 | 3°53 | F 6 |
| S 7 | 13 35 20 | 25°38'46 | 19523 | 15°45 | 11° 2 | 1°47 | 24°24 | 13°38 | 18°51 | 10°41 | 8°24 | 19°40 | 20°15 | 9°22 | 3°55 | S 7 |
| S 8 | 13 39 16 | 26°37'11 | 15°19 | 16°43 | 11°57 | 2°21 | 24°23 | 13°46 | 18°49 | 10°39 | 8°23 | 19°39 | 20°12 | 9°29 | 3°56 | S 8 |
| M 9 | 13 43 13 | 27°35'33 | 29°22 | 17°36 | 12°51 | 2°55 | 24°23 | 13°53 | 18°46 | 10°37 | 8°23 | 19°39 | 20° 9 | 9°35 | 3°58 | M 9 |
| T 10 | 13 47 9 | 28°33'54 | 13 £ 31 | 18°23 | 13°44 | 3°29 | 24°22 | 14° 1 | 18°44 | 10°36 | 8°22 | 19°38 | 20° 6 | 9°42 | 3°59 | T 10 |
| W11 | 13 51 6 | 29°32'12 | 27°45 | 19° 5 | 14°37 | 4° 3 | 24°22 | 14° 8 | 18°41 | 10°34 | 8°21 | 19°36 | 20° 3 | 9°49 | 4° 1 | W11 |
| T 12 | 13 55 3 | 0 8 30'28 | 12Mp 2 | 19°41 | 15°28 | 4°37 | 24°D22 | 14°16 | 18°39 | 10°33 | 8°20 | 19°31 | 20° 0 | 9°55 | 4° 2 | T 12 |
| F 13 | 13 58 59 | 1°28'42 | 26°18 | 20°12 | 16°20 | 5°11 | 24°22 | 14°24 | 18°36 | 10°31 | 8°19 | 19°24 | 19°56 | 10° 2 | 4° 3 | F 13 |
| S 14 | 14 2 56 | 2°26'54 | 10 ≏ 30 | 20°37 | 17°10 | 5°45 | 24°22 | 14°31 | 18°34 | 10°29 | 8°18 | 19°14 | 19°53 | 10° 9 | 4° 5 | S 14 |
| S 15 | 14 6 52 | 3°25'05 | 24°31 | 20°57 | 18° 0 | 6°20 | 24°23 | 14°39 | 18°31 | 10°28 | 8°17 | 19° 3 | 19°50 | 10°15 | 4° 6 | S 15 |
| M16 | 14 10 49 | 4°23'13 | 8 M .18 | 21°11 | 18°49 | 6°54 | 24°24 | 14°47 | 18°29 | 10°26 | 8°17 | 18°51 | 19°47 | 10°22 | 4° 7 | M16 |
| T 17 | 14 14 45 | 5°21'20 | 21°46 | 21°20 | 19°37 | 7°28 | 24°24 | 14°54 | 18°27 | 10°25 | 8°16 | 18°41 | 19°44 | 10°29 | 4° 8 | T 17 |
| W18 | 14 18 42 | 6°19'25 | 4 ₹ 53 | 21°R24 | 20°25 | 8° 3 | 24°25 | 15° 2 | 18°24 | 10°23 | 8°15 | 18°32 | 19°40 | 10°35 | 4° 9 | W18 |
| T 19 | 14 22 38 | 7°17'29 | 17°39 | 21°22 | 21°11 | 8°37 | 24°27 | 15°10 | 18°22 | 10°21 | 8°15 | 18°26 | 19°37 | 10°42 | 4° 9 | T 19 |
| F 20 | 14 26 35 | 8°15'31 | 0 පි | 21°15 | 21°57 | 9°12 | 24°28 | 15°18 | 18°19 | 10°20 | 8°14 | 18°22 | 19°34 | 10°49 | 4°10 | F 20 |
| S 21 | 14 30 32 | 9°13'31 | 12°17 | 21° 4 | 22°42 | 9°46 | 24°30 | 15°25 | 18°17 | 10°18 | 8°13 | 18°20 | 19°31 | 10°55 | 4°11 | S 21 |
| S 22 | 14 34 28 | 10°11'31 | 24°15 | 20°48 | 23°26 | 10°21 | 24°31 | 15°33 | 18°15 | 10°16 | 8°13 | 18°D20 | 19°28 | 11° 2 | 4°12 | S 22 |
| M23 | 14 38 25 | 11° 9'29 | 6≈ 6 | 20°28 | 24° 8 | 10°55 | 24°33 | 15°41 | 18°12 | 10°15 | 8°12 | 18°R21 | 19°25 | 11° 9 | 4°12 | M23 |
| T 24 | 14 42 21 | 12° 7'25 | 17°55 | 20° 4 | 24°50 | 11°30 | 24°35 | 15°49 | 18°10 | 10°13 | 8°12 | 18°21 | 19°21 | 11°15 | 4°13 | T 24 |
| W25 | 14 46 18 | 13° 5'20 | 29°47 | 19°37 | 25°31 | 12° 5 | 24°38 | 15°56 | 18° 8 | 10°12 | 8°11 | 18°19 | 19°18 | 11°22 | 4°13 | W25 |
| T 26 | 14 50 14 | 14° 3'14 | 11) (48 | 19° 7 | 26°11 | 12°40 | 24°40 | 16° 4 | 18° 6 | 10°10 | 8°11 | 18°16 | 19°15 | 11°29 | 4°13 | T 26 |
| F 27 | 14 54 11 | 15° 1'06 | 24° 2 | 18°34 | 26°49 | 13°14 | 24°43 | 16°12 | 18° 3 | 10° 8 | 8°10 | 18°10 | 19°12 | 11°35 | 4°14 | F 27 |
| S 28 | 14 58 7 | 15°58'58 | 6 Ƴ 33 | 18° 1 | 27°27 | 13°49 | 24°45 | 16°20 | 18° 1 | 10° 7 | 8°10 | 18° 2 | 19° 9 | 11°42 | 4°14 | S 28 |
| S 29 | 15 2 4 | 16°56'48 | 19°22 | 17°26 | 28° 3 | 14°24 | 24°48 | 16°28 | 17°59 | 10° 5 | 8°10 | 17°52 | 19° 6 | 11°49 | 4°14 | S 29 |
| M30 | 15 6 1 | 17 8 54'36 | 2 8 31 | 16 8 50 | 28Ⅲ38 | 149559 | 24 Ω 52 | 16 8 35 | 17 ≏ 57 | 10 M 3 | 8 m) 9 | 17 云 42 | 19る 2 | 11≈55 | 4≈14 | M30 |

| Day | 0 | 2 |) | ğ | i | ς | ? | ď | 1 | 2 | ł | ħ | l. |); | j (| j | ŧ. | [| 2 | R | v | ţ | ķ | |
|------|-------|-------|------|-------|-------|-------|------|-------|------|-------|------|-------|------|---------|----------------|--------|------|-------|-------|--------|--------|--------|--------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 7n46 | 8n53 | 4n56 | 16n19 | 2n 9 | 24n40 | 3n27 | 25n14 | 1n44 | 14n35 | 1n17 | 13n48 | 2s 3 | 6 s 5 5 | 0n39 | 13 s20 | 1n52 | 22n 3 | 14n48 | 21 s56 | 21 s56 | 16s35 | 12 s45 | 6n48 |
| M 2 | 8 8 | 13 55 | 5 0 | 16 55 | 2 17 | 24 53 | 3 30 | 25 14 | 1 43 | 14 36 | 1 17 | 13 51 | 2 2 | 6 54 | 0 39 | 13 20 | 1 52 | 22 3 | 14 48 | 21 58 | 21 56 | 16 33 | 12 44 | 6 49 |
| T 3 | 8 30 | 18 25 | 4 47 | 17 28 | 2 25 | 25 6 | 3 33 | 25 14 | 1 43 | 14 36 | 1 17 | 13 53 | 2 2 | 6 53 | 0 39 | 13 19 | 1 52 | 22 4 | 14 47 | 22 (| 21 57 | 16 30 | 12 43 | 6 49 |
| W 4 | 8 52 | 22 3 | 4 19 | 17 59 | 2 31 | 25 18 | 3 36 | 25 13 | 1 43 | 14 36 | 1 17 | 13 55 | 2 2 | 6 52 | 0 39 | 13 19 | 1 52 | 22 4 | 14 47 | 22 1 | 21 57 | 16 28 | 12 43 | 6 50 |
| T 5 | | 24 32 | | 18 27 | 2 37 | | | 25 13 | | 14 37 | 1 16 | | 2 2 | | 0 39 | 13 18 | 1 52 | | | | 21 58 | | | 6 50 |
| F 6 | 9 35 | 25 36 | 2 41 | 18 52 | 2 41 | 25 40 | 3 41 | 25 12 | | 14 37 | | 14 0 | 2 2 | | 0 39 | 13 18 | 1 52 | | 14 47 | | 21 58 | | | 6 51 |
| S 7 | 9 57 | 25 5 | 1 35 | 19 14 | 2 45 | 25 51 | 3 43 | 25 12 | 1 42 | 14 37 | 1 16 | 14 2 | 2 2 | 6 49 | 0 39 | 13 17 | 1 52 | 22 4 | 14 46 | 22 4 | 21 59 | 16 20 | 12 40 | 6 51 |
| S 8 | 10 18 | | | 19 34 | 2 48 | - | | 25 11 | | 14 37 | | | 2 2 | | | 13 17 | | | 14 46 | | 21 59 | 16 17 | 12 39 | 6 52 |
| M 9 | 10 39 | 19 30 | | 19 50 | 2 50 | 26 10 | | 25 10 | | 14 37 | | 14 7 | 2 2 | | 0 39 | 13 16 | | | 14 46 | | | 16 15 | 12 38 | 6 52 |
| T 10 | 11 0 | | - | 20 4 | 2 50 | | 3 50 | | | 14 37 | | - | 2 2 | | | 13 16 | | | 14 45 | | | 16 12 | | 6 53 |
| W11 | 11 20 | - | | 20 16 | | | 3 52 | | | 14 37 | | 14 12 | 2 2 | 6 45 | | 13 15 | | | 14 45 | | | 16 10 | 12 37 | 6 53 |
| T 12 | 11 41 | 3 22 | | 20 24 | 2 48 | | 3 54 | | | 14 37 | 1 15 | | 2 1 | 6 44 | | 13 15 | | | 14 45 | | | 16 7 | | 6 53 |
| F 13 | 12 1 | 2 s46 | | 20 30 | 2 45 | | 3 55 | - | - | 14 37 | 1 15 | | 2 1 | 6 43 | | 13 14 | | _ | 14 44 | | | | 12 35 | 6 54 |
| S 14 | 12 21 | 8 44 | 4 58 | 20 33 | 2 41 | 26 49 | 3 57 | 25 2 | 1 39 | 14 37 | 1 15 | 14 19 | 2 1 | 6 42 | 0 38 | 13 14 | 1 53 | 22 5 | 14 44 | 22 8 | 22 2 | 16 2 | 12 35 | 6 54 |
| S 15 | | 14 10 | | 20 33 | 2 36 | | 3 58 | | | 14 37 | | | 2 1 | 6 41 | 0 38 | 13 13 | | | 14 44 | | | | 12 34 | 6 55 |
| M16 | - | 18 47 | | 20 31 | 2 30 | | | 24 58 | | 14 36 | | _ | 2 1 | 6 40 | | 13 13 | | _ | | | 22 3 | | | 6 55 |
| T 17 | - | 22 20 | - | 20 26 | 2 22 | | | 24 56 | | 14 36 | | - | 2 1 | 6 39 | | 13 12 | | | 14 43 | | | 15 54 | | 6 56 |
| W18 | | 24 36 | | 20 19 | | 27 10 | | 24 53 | | 14 35 | | 14 28 | 2 1 | 6 39 | | 13 12 | | | 14 43 | | | 15 52 | | 6 56 |
| T 19 | | 25 31 | | | | | | 24 51 | | 14 35 | | 14 30 | 2 1 | 6 38 | | 13 11 | | | 14 43 | | | 15 49 | | 6 57 |
| F 20 | 14 18 | | | 19 56 | | | | 24 48 | | 14 34 | | 14 33 | 2 1 | 6 37 | | 13 11 | | | 14 42 | | | | 12 30 | 6 57 |
| S 21 | 14 37 | 23 29 | 0 32 | 19 41 | 1 40 | 27 20 | 4 2 | 24 45 | 1 37 | 14 33 | 1 14 | 14 35 | 2 1 | 6 36 | 0 38 | 13 10 | 1 53 | 22 4 | 14 42 | 22 15 | 22 5 | 15 44 | 12 30 | 6 58 |
| S 22 | 14 55 | 20 49 | 0n31 | 19 24 | 1 27 | 27 23 | 4 2 | 24 42 | 1 36 | 14 33 | 1 14 | 14 37 | 2 1 | 6 35 | 0 38 | 13 10 | 1 53 | 22 4 | 14 41 | 22 15 | 22 6 | 15 41 | 12 29 | 6 58 |
| M23 | 15 13 | 17 18 | 1 33 | 19 5 | 1 13 | 27 25 | 4 2 | 24 39 | 1 36 | 14 32 | 1 14 | 14 40 | 2 1 | 6 34 | 0 38 | 13 9 | 1 53 | 22 4 | 14 41 | 22 15 | 22 6 | 15 39 | 12 29 | 6 59 |
| T 24 | 15 31 | 13 7 | 2 31 | 18 44 | 0 58 | 27 26 | 4 2 | 24 36 | 1 36 | 14 31 | 1 13 | 14 42 | 2 1 | 6 33 | 0 38 | 13 9 | 1 53 | 22 4 | 14 41 | 22 15 | 22 6 | 15 36 | 12 28 | 6 59 |
| W25 | 15 49 | 8 25 | 3 22 | 18 22 | 0 42 | 27 27 | 4 1 | 24 32 | 1 35 | 14 30 | 1 13 | 14 44 | 2 1 | 6 32 | 0 38 | 13 8 | 1 53 | 22 4 | 14 40 | 22 15 | 22 7 | 15 33 | 12 27 | 7 0 |
| T 26 | 16 6 | 3 23 | 4 5 | 17 58 | 0 26 | | | 24 29 | | 14 29 | 1 13 | - 1 | 2 0 | | 0 38 | 13 8 | 1 53 | | 14 40 | | | 15 31 | 12 27 | 7 0 |
| F 27 | 16 23 | 1n53 | | 17 32 | 0 9 | | | 24 25 | | 14 28 | 1 13 | | 2 0 | | 0 38 | - | | | 14 40 | | | 15 28 | | 7 1 |
| S 28 | 16 40 | 7 10 | 4 58 | 17 6 | 0s 9 | 27 27 | 3 58 | 24 21 | 1 34 | 14 27 | 1 13 | 14 51 | 2 0 | 6 30 | 0 38 | 13 7 | 1 53 | 22 3 | 14 39 | 22 17 | 22 8 | 15 26 | 12 26 | 7 1 |
| S 29 | 16 57 | 12 17 | 5 4 | 16 40 | 0 26 | 27 26 | 3 56 | 24 17 | 1 34 | 14 26 | 1 13 | 14 53 | 2 0 | 6 29 | 0 38 | 13 6 | 1 53 | 22 3 | 14 39 | 22 19 | 22 9 | 15 23 | 12 25 | 7 2 |
| M30 | 17n13 | 16n59 | 4n54 | 16n13 | 0 s44 | 27n25 | 3n55 | 24n13 | 1n33 | 14n25 | 1n12 | 14n55 | 2s 0 | 6 s28 | 0n38 | 13s 6 | 1n53 | 22n 3 | 14n39 | 22 s20 | 22s 9 | 15 s20 | 12 s25 | 7n 2 |

Julian Day Number = 2258065.5, Delta T = 05m52s

Ecliptic obliquity = 23°30'33, Nutation = 0°00'15, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 17°20'58, Lahiri = 16°27'58 Julian Calendar 1 Apr. 1470 == Greg. Calendar 10 Apr. 1470

MAY 1470 JC 00:00 UT

| 11/41 | 17/0 | | | | | | | | | | | | | | 00.0 | 0 01 |
|-------|----------|-------------------|----------------|----------------|-----------------|---------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|-------|-------|------|
| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)∤(| ¥ | Р | ₽. | v | Ç | ķ | Day |
| T 1 | 15 9 57 | 18852'24 | 15 8 59 | 16°R15 | 29 I I11 | 15934 | 24€55 | 16843 | 17°R55 | 10°R 2 | 8°R 9 | 17°R32 | 18 궁 59 | 12≈ 2 | 4°R14 | T 1 |
| W 2 | 15 13 54 | 19°50'10 | 29°43 | 15 8 41 | 29°43 | 16° 9 | 24°58 | 16°51 | 17 ≏ 53 | 10 M 0 | 8 m) 9 | 17 云 23 | 18°56 | 12° 9 | 4≈14 | W 2 |
| T 3 | 15 17 50 | 20°47'54 | 13耳40 | 15° 8 | 09୍ତ14 | 16°44 | 25° 2 | 16°59 | 17°51 | 9°59 | 8° 8 | 17°17 | 18°53 | 12°15 | 4°14 | T 3 |
| F 4 | 15 21 47 | 21°45'37 | 27°45 | 14°37 | 0°43 | 17°19 | 25° 6 | 17° 7 | 17°49 | 9°57 | 8° 8 | 17°13 | 18°50 | 12°22 | 4°14 | F 4 |
| S 5 | 15 25 43 | 22°43'19 | 119556 | 14° 8 | 1°11 | 17°54 | 25°10 | 17°14 | 17°47 | 9°55 | 8° 8 | 17°D12 | 18°46 | 12°29 | 4°14 | S 5 |
| S 6 | 15 29 40 | 23°40'59 | 26° 9 | 13°42 | 1°37 | 18°30 | 25°14 | 17°22 | 17°45 | 9°54 | 8° 8 | 17°12 | 18°43 | 12°35 | 4°13 | S 6 |
| M 7 | 15 33 36 | 24°38'37 | $10\Omega 21$ | 13°20 | 2° 2 | 19° 5 | 25°18 | 17°30 | 17°43 | 9°52 | 8° 8 | 17°13 | 18°40 | 12°42 | 4°13 | M 7 |
| T 8 | 15 37 33 | 25°36'14 | 24°31 | 13° 1 | 2°24 | 19°40 | 25°23 | 17°38 | 17°41 | 9°51 | 8° 8 | 17°R13 | 18°37 | 12°49 | 4°12 | T 8 |
| W 9 | 15 41 30 | 26°33'49 | 8 m /38 | 12°46 | 2°45 | 20°15 | 25°27 | 17°45 | 17°39 | 9°49 | 8° 8 | 17°13 | 18°34 | 12°55 | 4°12 | W 9 |
| T 10 | 15 45 26 | 27°31'23 | 22°39 | 12°35 | 3° 4 | 20°51 | 25°32 | 17°53 | 17°38 | 9°48 | 8° 8 | 17°10 | 18°31 | 13° 2 | 4°11 | T 10 |
| F 11 | 15 49 23 | 28°28'55 | 6 ≏ 34 | 12°28 | 3°21 | 21°26 | 25°37 | 18° 1 | 17°36 | 9°46 | 8°D 8 | 17° 6 | 18°27 | 13° 8 | 4°11 | F 11 |
| S 12 | 15 53 19 | 29°26'26 | 20°19 | 12°D26 | 3°37 | 22° 2 | 25°42 | 18° 8 | 17°34 | 9°45 | 8° 8 | 16°59 | 18°24 | 13°15 | 4°10 | S 12 |
| S 13 | 15 57 16 | 0∏23′56 | 3 m .54 | 12°28 | 3°50 | 22°37 | 25°47 | 18°16 | 17°33 | 9°43 | 8° 8 | 16°52 | 18°21 | 13°22 | 4° 9 | S 13 |
| M14 | 16 1 12 | 1°21'24 | 17°16 | 12°35 | 4° 1 | 23°12 | 25°53 | 18°24 | 17°31 | 9°42 | 8° 8 | 16°44 | 18°18 | 13°28 | 4° 8 | M14 |
| T 15 | 16 5 9 | 2°18'51 | 0 ₹ 23 | 12°46 | 4°10 | 23°48 | 25°58 | 18°31 | 17°29 | 9°40 | 8° 8 | 16°37 | 18°15 | 13°35 | 4° 7 | T 15 |
| W16 | 16 9 5 | 3°16'18 | 13°13 | 13° 1 | 4°17 | 24°24 | 26° 4 | 18°39 | 17°28 | 9°39 | 8° 8 | 16°31 | 18°11 | 13°42 | 4° 6 | W16 |
| T 17 | 16 13 2 | 4°13'43 | 25°48 | 13°21 | 4°21 | 24°59 | 26°10 | 18°47 | 17°26 | 9°37 | 8° 8 | 16°28 | 18° 8 | 13°48 | 4° 5 | T 17 |
| F 18 | 16 16 59 | 5°11'08 | 8중 7 | 13°46 | 4°R23 | 25°35 | 26°16 | 18°54 | 17°25 | 9°36 | 8° 8 | 16°26 | 18° 5 | 13°55 | 4° 4 | F 18 |
| S 19 | 16 20 55 | 6° 8'31 | 20°13 | 14°14 | 4°23 | 26°10 | 26°22 | 19° 2 | 17°23 | 9°34 | 8° 9 | 16°D25 | 18° 2 | 14° 2 | 4° 3 | S 19 |
| S 20 | 16 24 52 | 7° 5'54 | 2≈10 | 14°47 | 4°21 | 26°46 | 26°28 | 19° 9 | 17°22 | 9°33 | 8° 9 | 16°26 | 17°59 | 14° 8 | 4° 2 | S 20 |
| M21 | 16 28 48 | 8° 3'16 | 14° 1 | 15°24 | 4°16 | 27°22 | 26°34 | 19°17 | 17°21 | 9°32 | 8° 9 | 16°28 | 17°56 | 14°15 | 4° 0 | M21 |
| T 22 | 16 32 45 | 9° 0'38 | 25°50 | 16° 5 | 4° 9 | 27°58 | 26°41 | 19°25 | 17°19 | 9°30 | 8°10 | 16°29 | 17°52 | 14°22 | 3°59 | T 22 |
| W23 | 16 36 41 | 9°57'59 | 7) €43 | 16°50 | 3°59 | 28°33 | 26°48 | 19°32 | 17°18 | 9°29 | 8°10 | 16°R30 | 17°49 | 14°28 | 3°57 | W23 |
| T 24 | 16 40 38 | 10°55'19 | 19°45 | 17°39 | 3°47 | 29° 9 | 26°54 | 19°39 | 17°17 | 9°27 | 8°10 | 16°30 | 17°46 | 14°35 | 3°56 | T 24 |
| F 25 | 16 44 34 | 11°52'39 | 2 Υ 0 | 18°32 | 3°33 | 29°45 | 27° 1 | 19°47 | 17°16 | 9°26 | 8°11 | 16°28 | 17°43 | 14°42 | 3°54 | F 25 |
| S 26 | 16 48 31 | 12°49'58 | 14°34 | 19°28 | 3°16 | 0 Ω 21 | 27° 8 | 19°54 | 17°15 | 9°25 | 8°11 | 16°25 | 17°40 | 14°48 | 3°53 | S 26 |
| S 27 | 16 52 28 | 13°47'17 | 27°28 | 20°28 | 2°57 | 0°57 | 27°16 | 20° 2 | 17°14 | 9°24 | 8°12 | 16°20 | 17°37 | 14°55 | 3°51 | S 27 |
| M28 | 16 56 24 | 14°44'36 | 10844 | 21°31 | 2°36 | 1°33 | 27°23 | 20° 9 | 17°13 | 9°22 | 8°12 | 16°16 | 17°33 | 15° 2 | 3°49 | M28 |
| T 29 | 17 0 21 | 15°41'54 | 24°24 | 22°38 | 2°12 | 2° 9 | 27°30 | 20°16 | 17°12 | 9°21 | 8°13 | 16°11 | 17°30 | 15° 8 | 3°47 | T 29 |
| W30 | 17 4 17 | 16°39'11 | 8 Ⅱ 25 | 23°49 | 1°47 | 2°45 | 27°38 | 20°24 | 17°11 | 9°20 | 8°13 | 16° 7 | 17°27 | 15°15 | 3°46 | W30 |
| T 31 | 17 8 14 | 17 Ⅲ 36′29 | 22 ∏ 43 | 25 8 3 | 19519 | 3 Ω 21 | 27 Ω 46 | 20831 | 17 ≏ 10 | 9 M .19 | 8 m 14 | 16ਰ 4 | 17 云 24 | 15≈22 | 3≈44 | T 31 |

| Day | 0 | D | | Į . | φ | C | ? | 2 | + | ŧ | 1 |); | j (| 1 4 | (| E |) | n | U | Ç | ķ | |
|-------------|----------------|--------------------|----------------------|----------------------|-----------|----------------|--------------|----------------|--------------|----------------|----------|------|----------------|------------------|--------------|-------|-------|-------|-----------------|-------|-----------------|--------------|
| | 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 W 2 | 17n29 | | 28 15n47 16 15 20 | _ | | 24n 8 24 4 | | 14n23 14 22 | 1n12 1 12 | | | | 0n38 0 38 | 13 s 5 | 1n53 1 53 | - | | - | 22 s10 22 10 | | 12 s24 12 24 | 7n 3 |
| T 3 | 17 43 | | 50 14 55 | - | | 23 59 | | 14 22 | 1 12 | | 2 0 | | | | 1 52 | | | | 22 10 | | | 7 4 |
| F 4 S 5 | 18 16 | | 12 14 31 28 14 8 | | | 23 54 23 49 | | 14 19 14 18 | 1 12 1 12 | | 2 0 | | 0 38 0 38 | - | 1 52 1 52 | | | | 22 11 22 11 | | 12 23 12 23 | 7 4 7 5 |
| | | | | | | | | | | | 2 0 | | | | _ | | | | 22 11 | | | |
| S 6 M 7 | 18 45 18 59 | | 18 13 46 1 13 27 | | | - | - | 14 16 14 15 | 1 11 1 11 | | 2 0 2 0 | | 0 38 | | 1 52 1 52 | | | | | - | 12 22 12 22 | 7 5 7 6 |
| T 8 | | 10 27 3 | 7 13 9 | | | | | 14 13 | 1 11 | | 2 0 | | | - | 1 52 | | | | 22 13 | | | 7 6 |
| W 9 T 10 | 19 27 19 40 | 4 38 4 1 s 22 4 | 1 12 54 10 12 41 | | | 23 28 23 22 | | 14 11 14 9 | 1 11 1 11 | | 2 0 2 0 | - | 0 38 0 38 | | 1 52 1 52 | | | | 22 13 22 14 | | | 7 6 7 7 |
| F 11 | 19 53 | 7 14 5 | 2 12 30 | | | 23 16 | | | 1 11 | | 2 0 | - | 0 38 | | 1 52 | | | | 22 14 | | | 7 7 |
| S 12 | 20 5 | | 7 12 22 | | | 23 10 | | 14 6 | | 15 22 | 2 0 | | | | 1 52 | | | | 22 14 | | | 7 8 |
| | | 17 28 4 21 17 4 2 | 54 12 16 26 12 12 | | | | 1 29 1 28 | | 1 10 1 10 | - | 2 0 2 0 | | | 12 59 12 59 | | | | | 22 15 22 15 | | | 7 8 7 9 |
| | | 23 55 3 | | - | | - | 1 28 | 14 0 | 1 10 | | 2 0 | | | | | | | | 22 16 | | | 7 9 |
| | 20 52 21 3 | | | | | 22 44 22 37 | 1 27 1 27 | 13 58 13 56 | 1 10 1 10 | | 2 0 2 0 | | 0 38 | | | | | | 22 16 22 17 | | | 7 10 7 10 |
| | 21 14 | - | | | | 22 30 | | | 1 10 | | 2 0 | | | 12 57 | | | | | 22 17 | | | 7 11 |
| | | 21 38 On | | | | 22 23 | | 13 51 | 1 9 | | | | | | - | | | | 22 17 | | | 7 11 |
| | 21 33 21 43 | - | 25 12 39 25 12 51 | | | | 1 26 | 13 49 13 47 | 1 9 1 9 | | 2 0 2 0 | | | 12 56 12 56 | | | | | 22 18 22 18 | | | 7 11 7 12 |
| | 21 52 | | | | | | | | 1 9 | | 2 0 | | | | | | | | 22 19 | | | 7 12 |
| | 22 1 22 9 | 4 56 4 0n12 4 | 4 13 21 39 13 38 | 3 43 2: 3 40 24 | | 21 53 21 46 | | | 1 9 1 9 | - | 2 0 2 0 | - | | 12 55 12 55 | | | | | 22 19 22 20 | | | 7 13 7 13 |
| F 25 | 22 17 | 5 25 5 | 2 13 57 | 3 35 24 | 4 43 1 16 | 21 38 | 1 24 | 13 37 | 1 9 | 15 48 | 2 0 | 6 13 | 0 37 | 12 54 | 1 52 | 21 54 | 14 29 | 22 29 | 22 20 | 14 14 | 12 18 | 7 13 |
| | | | 12 14 17 | | | 21 30 | | 13 34 | | | | | | 12 54 | | | | | 22 20 | | | 7 14 |
| | | 15 21 5 19 35 4 | 6 14 38 14 15 1 | _ | | 21 21 21 13 | - | 13 32 13 29 | 1 8 1 8 | | | | | 12 54 12 53 | | | | | 22 21 22 21 | | 12 18 12 18 | 7 14 7 15 |
| T 29 | 22 44 | 22 54 4 | 6 15 25 | 3 10 2 | 3 56 0 26 | 21 4 | 1 22 | 13 26 | 1 8 | 15 56 | 2 0 | 6 12 | 0 37 | 12 53 | 1 52 | 21 51 | 14 27 | 22 32 | 22 22 | 14 3 | 12 18 | 7 15 |
| | | | 12 15 50 4 16n16 | 3 2 2: 2 s 5 4 2: | | 20 56 20n47 | | 13 24 13n21 | | 15 58 16n 0 | | | | 12 53 12 s 52 | | | | | 22 22 22 s22 | | | 7 15 7n16 |

Julian Day Number = 2258095.5, Delta T = 05m52s

Ecliptic obliquity = $23^{\circ}30'32$, Nutation = $0^{\circ}00'15$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°21'02, Lahiri = 16°28'02 Julian Calendar 1 May 1470 == Greg. Calendar 10 May 1470

JUNE 1470 JC 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)ұ(| 并 | Р | ₽. | Ω | ţ | ę, | Day |
|------|----------|-------------------|----------------|--------|----------------|----------------|----------------|----------------|---------------|----------------|---------------|--------|----------------|-------|---------------|------|
| F 1 | 17 12 10 | 18 Ⅲ 33'45 | 79914 | 26820 | 0°R50 | 3 Ω 57 | 27 Ω 53 | 20838 | 17°R 9 | 9°R17 | 8 m 15 | 16°R 2 | 17 ට 21 | 15≈28 | 3°R42 | F 1 |
| S 2 | 17 16 7 | 19°31'01 | 21°50 | 27°40 | 0919 | 4°33 | 28° 1 | 20°45 | 17 ♀ 8 | 9 M .16 | 8°15 | 16°D 2 | 17°18 | 15°35 | 3 ≈ 40 | S 2 |
| S 3 | 17 20 4 | 20°28'16 | 6 Ω 26 | 29° 4 | 29∏46 | 5° 9 | 28° 9 | 20°52 | 17° 8 | 9°15 | 8°16 | 16궁 3 | 17°14 | 15°42 | 3°37 | S 3 |
| M 4 | 17 24 0 | 21°25'31 | 20°58 | 0П30 | 29°12 | 5°45 | 28°18 | 21° 0 | 17° 7 | 9°14 | 8°17 | 16° 5 | 17°11 | 15°48 | 3°35 | M 4 |
| T 5 | 17 27 57 | 22°22'44 | 5 m 20 | 2° 0 | 28°37 | 6°22 | 28°26 | 21° 7 | 17° 6 | 9°13 | 8°18 | 16° 6 | 17° 8 | 15°55 | 3°33 | T 5 |
| W 6 | 17 31 53 | 23°19'57 | 19°30 | 3°34 | 28° 1 | 6°58 | 28°34 | 21°14 | 17° 6 | 9°12 | 8°18 | 16°R 6 | 17° 5 | 16° 2 | 3°31 | W 6 |
| T 7 | 17 35 50 | 24°17'10 | 3 <u>₽</u> 26 | 5°10 | 27°24 | 7°34 | 28°43 | 21°21 | 17° 5 | 9°11 | 8°19 | 16° 6 | 17° 2 | 16° 8 | 3°29 | T 7 |
| F 8 | 17 39 46 | 25°14'21 | 17° 8 | 6°49 | 26°47 | 8°10 | 28°52 | 21°28 | 17° 5 | 9°10 | 8°20 | 16° 5 | 16°58 | 16°15 | 3°26 | F 8 |
| S 9 | 17 43 43 | 26°11'33 | 0 M .35 | 8°32 | 26° 9 | 8°47 | 29° 0 | 21°35 | 17° 5 | 9° 9 | 8°21 | 16° 3 | 16°55 | 16°22 | 3°24 | S 9 |
| S 10 | 17 47 39 | 27° 8'43 | 13°48 | 10°17 | 25°32 | 9°23 | 29° 9 | 21°41 | 17° 4 | 9°8 | 8°22 | 16° 1 | 16°52 | 16°28 | 3°21 | S 10 |
| M11 | 17 51 36 | 28° 5'54 | 26°46 | 12° 5 | 24°54 | 10° 0 | 29°18 | 21°48 | 17° 4 | 9° 7 | 8°23 | 15°58 | 16°49 | 16°35 | 3°19 | M11 |
| T 12 | 17 55 33 | 29° 3'04 | 9 ∡ 31 | 13°57 | 24°18 | 10°36 | 29°27 | 21°55 | 17° 4 | 9° 6 | 8°24 | 15°56 | 16°46 | 16°42 | 3°16 | T 12 |
| W13 | 17 59 29 | 09 0'14 | 22° 2 | 15°50 | 23°41 | 11°12 | 29°36 | 22° 2 | 17° 3 | 9° 5 | 8°25 | 15°54 | 16°43 | 16°48 | 3°14 | W13 |
| T 14 | 18 3 26 | 0°57'23 | 4 云 22 | 17°47 | 23° 6 | 11°49 | 29°45 | 22° 8 | 17° 3 | 9° 4 | 8°26 | 15°53 | 16°39 | 16°55 | 3°11 | T 14 |
| F 15 | 18 7 22 | 1°54'33 | 16°30 | 19°46 | 22°32 | 12°25 | 29°55 | 22°15 | 17° 3 | 9° 3 | 8°27 | 15°D52 | 16°36 | 17° 2 | 3°8 | F 15 |
| S 16 | 18 11 19 | 2°51'42 | 28°30 | 21°47 | 21°59 | 13° 2 | 0Mp 4 | 22°22 | 17°D 3 | 9° 3 | 8°28 | 15°53 | 16°33 | 17° 8 | 3° 6 | S 16 |
| S 17 | 18 15 15 | 3°48'52 | 10≈23 | 23°50 | 21°28 | 13°39 | 0°14 | 22°28 | 17° 3 | 9° 2 | 8°29 | 15°54 | 16°30 | 17°15 | 3° 3 | S 17 |
| M18 | 18 19 12 | 4°46'02 | 22°13 | 25°55 | 20°58 | 14°15 | 0°23 | 22°35 | 17° 3 | 9° 1 | 8°30 | 15°55 | 16°27 | 17°22 | 3° 0 | M18 |
| T 19 | 18 23 8 | 5°43'11 | 4) € 2 | 28° 1 | 20°31 | 14°52 | 0°33 | 22°41 | 17° 3 | 9° 0 | 8°31 | 15°56 | 16°23 | 17°28 | 2°57 | T 19 |
| W20 | 18 27 5 | 6°40'22 | 15°56 | 099 9 | 20° 5 | 15°29 | 0°43 | 22°47 | 17° 4 | 9° 0 | 8°33 | 15°57 | 16°20 | 17°35 | 2°55 | W20 |
| T 21 | 18 31 2 | 7°37'32 | 27°57 | 2°17 | 19°41 | 16° 5 | 0°53 | 22°54 | 17° 4 | 8°59 | 8°34 | 15°57 | 16°17 | 17°42 | 2°52 | T 21 |
| F 22 | 18 34 58 | 8°34'43 | 10 Y 11 | 4°27 | 19°20 | 16°42 | 1° 3 | 23° 0 | 17° 4 | 8°58 | 8°35 | 15°R57 | 16°14 | 17°48 | 2°49 | F 22 |
| S 23 | 18 38 55 | 9°31'54 | 22°43 | 6°36 | 19° 1 | 17°19 | 1°13 | 23° 6 | 17° 4 | 8°58 | 8°36 | 15°57 | 16°11 | 17°55 | 2°46 | S 23 |
| S 24 | 18 42 51 | 10°29'06 | 5 8 35 | 8°46 | 18°44 | 17°56 | 1°23 | 23°12 | 17° 5 | 8°57 | 8°38 | 15°57 | 16° 8 | 18° 2 | 2°43 | S 24 |
| M25 | 18 46 48 | 11°26'18 | 18°51 | 10°55 | 18°30 | 18°32 | 1°33 | 23°18 | 17° 5 | 8°57 | 8°39 | 15°56 | 16° 4 | 18° 8 | 2°40 | M25 |
| T 26 | 18 50 44 | 12°23'31 | 2 Ⅲ 33 | 13° 4 | 18°18 | 19° 9 | 1°44 | 23°25 | 17° 6 | 8°56 | 8°40 | 15°56 | 16° 1 | 18°15 | 2°37 | T 26 |
| W27 | 18 54 41 | 13°20'45 | 16°40 | 15°13 | 18° 8 | 19°46 | 1°54 | 23°30 | 17° 6 | 8°56 | 8°42 | 15°55 | 15°58 | 18°22 | 2°34 | W27 |
| T 28 | 18 58 37 | 14°17'59 | 19510 | 17°20 | 18° 1 | 20°23 | 2° 5 | 23°36 | 17° 7 | 8°55 | 8°43 | 15°55 | 15°55 | 18°28 | 2°30 | T 28 |
| F 29 | 19 2 34 | 15°15'13 | 15°57 | 19°27 | 17°56 | 21° 0 | 2°15 | 23°42 | 17° 7 | 8°55 | 8°44 | 15°D55 | 15°52 | 18°35 | 2°27 | F 29 |
| S 30 | 19 631 | 169512'28 | 0 Ω 54 | 219532 | 17 Ⅱ 53 | 21 Ω 37 | 2 Mp 26 | 23 8 48 | 17 ♀ 8 | 8 M .54 | 8 M 46 | 15°R55 | 15 る 49 | 18≈42 | 2≈24 | S 30 |

| Day | 0 | J | | ğ | | ç |) | C | 3' | 2 | ł | † | 1 |) | β(| 4 | (| Р | | n | U | Ç | ķ | |
|--|---|---|--|---|--|---------------------------------|--|--|--------------------------------------|--|--|---|--|---|--------------------------------------|---|--------------------------------------|---|---|---|--|---|---|--|
| | decl | decl lat | t | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl l | at | decl | decl | decl | decl | lat |
| F 1 S 2 | 23n 1 23 6 | - | 0n48 1 0s32 1 | | 2 s 4 5 2 3 6 | 23n16 23 3 | | 20n38 20 29 | | 13n18 13 15 | 1n 8 | - | 2s 0 2 1 | 6 s 1 1 | | 12 s 5 2 12 5 2 | | 21n50 21 49 | | | | | | 7n16 7 17 |
| S 3 M 4 | 23 10 23 14 | 11 42 3 | | 8 6 | | 22 34 | 0 56 | 20 20 20 11 | 1 20 1 20 | 13 9 | 1 7 | 16 7 | 2 1 2 1 | 6 11 | 0 37 | - | 1 52 | 21 48 21 48 | 14 25 | 22 32 | 22 24 | 13 47 | 12 19 | 7 17 7 17 |
| T 5 W 6 T 7 F 8 | 23 17 23 20 23 23 23 25 | 0s 9 4 6 4 5 | 4 42 1 | | | | 1 10 1 24 1 38 1 52 | 19 52 19 42 | 1 19 | 13 3 | 1 7 1 7 1 7 1 7 | 16 11 16 12 | 2 1 2 1 2 1 2 1 | 6 10 6 10 6 10 6 10 | 0 37 0 37 | 12 50 | 1 51 1 51 | 21 47 21 46 21 46 21 45 | 14 24 14 24 | 22 32 22 32 | 22 25 22 25 | 13 42 13 39 | 12 19 12 19 | 7 18 7 18 7 18 7 19 |
| S 9 S 10 | 23 27 | 16 28 5 | | 20 28 | 1 20 | 21 21 21 21 6 | | 19 22 | 1 18 | 12 54 12 51 | 1 7 | 16 16 | 2 1 | 6 10 | 0 37 | 12 50 12 49 | 1 51 | 21 44 2 | 14 23 | 22 32 | 22 26 | 13 34 | 12 20 | 7 19 7 19 |
| M11 T 12 W13 T 14 F 15 S 16 | 23 30 23 30 23 31 23 30 23 30 | 23 22 3 25 2 3 25 24 2 24 29 1 22 26 0 | 3 59 2 3 8 2 2 8 2 | 21 22 21 48 22 13 22 36 22 57 | 0 56 0 45 0 33 0 21 0 9 | 20 52 20 37 20 23 20 9 | 2 33 2 46 2 59 3 11 3 22 3 33 | 19 2 18 51 18 41 18 30 18 20 | 1 17 1 17 1 16 1 16 1 15 | 12 47 12 44 12 41 12 37 12 34 12 30 | 1 7 1 6 1 6 1 6 1 6 | 16 19 16 21 16 23 16 24 16 26 | | 6 9 6 9 6 9 6 9 6 9 | 0 37 0 37 0 37 0 37 0 37 | 12 49 12 49 12 49 12 48 | 1 51 1 51 1 51 1 51 1 51 | 21 43 | 14 23 14 22 14 22 14 21 14 21 | 22 33 22 33 22 34 22 34 22 34 | 22 27 22 27 22 28 22 28 22 28 22 28 | 13 28 13 25 13 23 13 20 13 17 | 12 20 12 21 12 21 12 21 12 22 | 7 20 7 20 7 20 7 20 7 20 7 21 7 21 |
| S 17 M18 T 19 W20 T 21 F 22 S 23 | 23 27 23 25 23 23 23 20 23 17 23 14 23 10 | 11 11 3 6 23 3 1 21 4 3n48 5 8 53 5 | 3 56 2 4 35 2 | 23 50 24 4 24 14 24 22 24 28 | 0 24 0 34 0 44 0 53 1 2 | 19 7 18 56 18 46 | 3 54 4 4 4 13 4 21 4 29 | 17 25 17 13 | 1 14 1 14 1 13 1 13 1 12 | | 1 6 1 6 1 6 1 6 1 5 1 5 | 16 30 16 32 16 34 16 35 16 36 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 6 9 6 9 6 10 6 10 6 10 6 10 | 0 36 0 36 0 36 0 36 0 36 | 12 48 12 48 12 47 12 47 12 47 12 47 12 47 | 1 51 1 51 1 51 1 51 1 51 | 21 39 21 38 21 37 21 36 21 36 21 35 21 34 | 14 20 14 20 14 19 14 19 14 19 | 22 33 22 33 22 33 22 33 22 33 | 22 30 22 30 22 30 22 31 22 31 | 13 9 13 6 13 4 13 1 12 58 | 12 23 12 23 12 23 12 24 12 24 | 7 21 7 21 7 22 7 22 7 22 7 22 7 22 7 23 |
| S 24 M25 T 26 W27 T 28 F 29 S 30 | 22 56 22 50 22 44 22 38 | 21 45 4 24 18 3 25 25 2 24 51 1 22 33 0 | 1 59 2 1 27 2 3 38 2 2 35 2 1 21 2 0s 0 2 | 24 27 24 21 24 12 24 1 23 47 | 1 17 1 23 1 29 1 34 1 39 1 42 | 18 13 18 6 18 0 17 55 | 4 49 4 54 4 59 5 4 5 8 | 16 3 15 50 | 1 11 1 11 1 10 1 10 1 10 | 12 2 11 58 11 54 11 50 11 46 11 43 11n39 | 1 5 1 5 1 5 1 5 1 5 | 16 41 16 42 16 44 16 45 | 2 2 2 2 2 3 2 3 2 3 | 6 10 6 10 6 11 6 11 6 11 6 11 6 s12 | 0 36 0 36 0 36 0 36 0 36 | 12 46 12 46 | 1 51 1 50 1 50 1 50 1 50 | 21 33 21 32 21 32 21 31 21 30 21 29 21n28 | 14 18 14 18 14 17 14 17 14 17 | 22 33 22 33 22 33 22 33 22 33 | 22 32 22 33 22 33 22 33 22 34 | 12 50 12 47 12 44 12 42 12 39 | 12 26 12 26 12 27 12 27 12 28 | 7 23 7 23 7 23 7 23 7 23 7 24 7n24 |

Julian Day Number = 2258126.5, Delta T = 05m51s

Ecliptic obliquity = 23°30'31, Nutation = 0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 17°21'06, Lahiri = 16°28'06 Julian Calendar 1 June 1470 == Greg. Calendar 10 June 1470

JULY 1470 JC 00:00 UT

| UUL | 1 14/0 | UC | | | | | | | | | | | | | 00.0 | 0 01 |
|------|----------|-------------------|-----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|-------|------|
| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)∤(| 并 | Р | v | v | Ç | Ŗ | Day |
| S 1 | 19 10 27 | 1795 9'43 | 15 Ω 53 | 23936 | 17°D53 | 22 Ω 14 | 2 m 37 | 23 8 54 | 17 ♀ 9 | 8°R54 | 8 m /47 | 15°R55 | 15 云 45 | 18≈48 | 2°R21 | S 1 |
| M 2 | 19 14 24 | 18° 6'58 | 0 m 47 | 25°38 | 17 Ⅱ 55 | 22°51 | 2°48 | 23°59 | 17°10 | 8 M .54 | 8°49 | 15 る 55 | 15°42 | 18°55 | 2≈18 | M 2 |
| T 3 | 19 18 20 | 19° 4'14 | 15°27 | 27°39 | 17°59 | 23°29 | 2°59 | 24° 5 | 17°11 | 8°53 | 8°50 | 15°55 | 15°39 | 19° 2 | 2°15 | T 3 |
| W 4 | 19 22 17 | 20° 1'29 | 29°50 | 29°38 | 18° 6 | 24° 6 | 3° 9 | 24°10 | 17°11 | 8°53 | 8°52 | 15°54 | 15°36 | 19°8 | 2°11 | W 4 |
| T 5 | 19 26 13 | 20°58'45 | 13 ≏ 51 | 1 Q 36 | 18°14 | 24°43 | 3°21 | 24°16 | 17°12 | 8°53 | 8°53 | 15°54 | 15°33 | 19°15 | 2° 8 | T 5 |
| F 6 | 19 30 10 | 21°56'02 | 27°30 | 3°32 | 18°25 | 25°20 | 3°32 | 24°21 | 17°13 | 8°52 | 8°55 | 15°D54 | 15°29 | 19°22 | 2° 5 | F 6 |
| S 7 | 19 34 6 | 22°53'18 | 10 M .48 | 5°26 | 18°38 | 25°57 | 3°43 | 24°27 | 17°14 | 8°52 | 8°57 | 15°54 | 15°26 | 19°28 | 2° 2 | S 7 |
| S 8 | 19 38 3 | 23°50'35 | 23°47 | 7°19 | 18°53 | 26°35 | 3°54 | 24°32 | 17°16 | 8°52 | 8°58 | 15°55 | 15°23 | 19°35 | 1°58 | S 8 |
| M 9 | 19 42 0 | 24°47'53 | 6 ₹ 29 | 9° 9 | 19° 9 | 27°12 | 4° 5 | 24°37 | 17°17 | 8°52 | 9° 0 | 15°56 | 15°20 | 19°42 | 1°55 | M 9 |
| T 10 | 19 45 56 | 25°45'11 | 18°56 | 10°58 | 19°28 | 27°49 | 4°17 | 24°42 | 17°18 | 8°52 | 9° 1 | 15°57 | 15°17 | 19°48 | 1°52 | T 10 |
| W11 | 19 49 53 | 26°42'30 | 1ਰ11 | 12°46 | 19°48 | 28°27 | 4°28 | 24°47 | 17°19 | 8°52 | 9° 3 | 15°57 | 15°14 | 19°55 | 1°48 | W11 |
| T 12 | 19 53 49 | 27°39'49 | 13°17 | 14°31 | 20°11 | 29° 4 | 4°40 | 24°52 | 17°20 | 8°D52 | 9° 5 | 15°R58 | 15°10 | 20° 2 | 1°45 | T 12 |
| F 13 | 19 57 46 | 28°37'09 | 25°15 | 16°15 | 20°34 | 29°41 | 4°51 | 24°57 | 17°22 | 8°52 | 9° 7 | 15°58 | 15° 7 | 20° 8 | 1°42 | F 13 |
| S 14 | 20 1 42 | 29°34'30 | 7≈ 8 | 17°58 | 21° 0 | 0 m 19 | 5° 3 | 25° 2 | 17°23 | 8°52 | 9° 8 | 15°57 | 15° 4 | 20°15 | 1°38 | S 14 |
| S 15 | 20 5 39 | 0 Ω 31'52 | 18°59 | 19°38 | 21°27 | 0°56 | 5°14 | 25° 6 | 17°25 | 8°52 | 9°10 | 15°55 | 15° 1 | 20°22 | 1°35 | S 15 |
| M16 | 20 9 36 | 1°29'14 | 0) 48 | 21°17 | 21°56 | 1°34 | 5°26 | 25°11 | 17°26 | 8°52 | 9°12 | 15°53 | 14°58 | 20°28 | 1°32 | M16 |
| T 17 | 20 13 32 | 2°26'38 | 12°39 | 22°54 | 22°26 | 2°11 | 5°38 | 25°16 | 17°28 | 8°52 | 9°14 | 15°51 | 14°55 | 20°35 | 1°28 | T 17 |
| W18 | 20 17 29 | 3°24'02 | 24°34 | 24°30 | 22°57 | 2°49 | 5°50 | 25°20 | 17°29 | 8°52 | 9°15 | 15°48 | 14°51 | 20°42 | 1°25 | W18 |
| T 19 | 20 21 25 | 4°21'28 | 6 Ƴ 37 | 26° 3 | 23°30 | 3°27 | 6° 2 | 25°24 | 17°31 | 8°53 | 9°17 | 15°46 | 14°48 | 20°48 | 1°22 | T 19 |
| F 20 | 20 25 22 | 5°18'55 | 18°51 | 27°36 | 24° 5 | 4° 4 | 6°14 | 25°29 | 17°33 | 8°53 | 9°19 | 15°44 | 14°45 | 20°55 | 1°18 | F 20 |
| S 21 | 20 29 18 | 6°16'24 | 1820 | 29° 6 | 24°40 | 4°42 | 6°26 | 25°33 | 17°34 | 8°53 | 9°21 | 15°D43 | 14°42 | 21° 2 | 1°15 | S 21 |
| S 22 | 20 33 15 | 7°13'54 | 14° 8 | 0 m 35 | 25°17 | 5°20 | 6°38 | 25°37 | 17°36 | 8°53 | 9°23 | 15°43 | 14°39 | 21° 8 | 1°12 | S 22 |
| M23 | 20 37 11 | 8°11'25 | 27°18 | 2° 2 | 25°55 | 5°58 | 6°50 | 25°41 | 17°38 | 8°54 | 9°25 | 15°44 | 14°35 | 21°15 | 1° 8 | M23 |
| T 24 | 20 41 8 | 9° 8'58 | 10耳54 | 3°27 | 26°34 | 6°35 | 7° 2 | 25°45 | 17°40 | 8°54 | 9°27 | 15°46 | 14°32 | 21°22 | 1° 5 | T 24 |
| W25 | 20 45 5 | 10° 6'32 | 24°56 | 4°51 | 27°14 | 7°13 | 7°14 | 25°49 | 17°42 | 8°54 | 9°28 | 15°47 | 14°29 | 21°28 | 1° 2 | W25 |
| T 26 | 20 49 1 | 11° 4'08 | 9924 | 6°12 | 27°55 | 7°51 | 7°26 | 25°53 | 17°44 | 8°55 | 9°30 | 15°R48 | 14°26 | 21°35 | 0°58 | T 26 |
| F 27 | 20 52 58 | 12° 1'45 | 24°14 | 7°32 | 28°38 | 8°29 | 7°39 | 25°56 | 17°46 | 8°55 | 9°32 | 15°48 | 14°23 | 21°42 | 0°55 | F 27 |
| S 28 | 20 56 54 | 12°59'23 | 9 Ω 20 | 8°51 | 29°21 | 9° 7 | 7°51 | 26° 0 | 17°48 | 8°56 | 9°34 | 15°46 | 14°20 | 21°48 | 0°52 | S 28 |
| S 29 | 21 0 51 | 13°57'02 | 24°34 | 10° 7 | 0ණ 5 | 9°45 | 8° 3 | 26° 3 | 17°50 | 8°56 | 9°36 | 15°44 | 14°16 | 21°55 | 0°49 | S 29 |
| M30 | 21 447 | 14°54'43 | 9 m /44 | 11°21 | 0°50 | 10°23 | 8°16 | 26° 7 | 17°52 | 8°57 | 9°38 | 15°40 | 14°13 | 22° 2 | 0°45 | M30 |
| T 31 | 21 8 44 | 15 Ω 52'25 | 24 Mp 41 | 12 m 33 | 19536 | 11 Mp 1 | 8 m 28 | 26810 | 17 ≏ 54 | 8 M .57 | 9 m 40 | 15 云 36 | 14 궁 10 | 22≈ 8 | 0≈42 | T 31 |

| Day | 0 | J |) | ζ | 5 | ς | 2 | ď | 1 | | 4 | | ŧ | | |)ţ | (| ý | ŧ | E | 2 | n | v | Ç | ķ | |
|--------------|----------------|----------------|--------------|----------------|--------------|-------|--------------|---------------|------|------|------|---|--------------|---------|---|--------------|------|----------------|------|-------|-------|--------|----------------|--------|----------------|--------------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | de | lat | | decl | lat | | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22n24 | 13n35 | | 23n12 | | | | 15n13 | | 11n3 | | | | | | 6s12 | | 12 s46 | | | | | 22 s35 | | | 7n24 |
| M 2 T 3 | 22 17 22 9 | 7 44 1 32 | - | 22 51 22 29 | 1 49 1 49 | | 5 17 | 15 I 14 48 | | 11 3 | | | | 2 3 2 | | 6 12 6 13 | | 12 46 12 46 | | | | | 22 35 22 35 | | | 7 24 7 24 |
| W 4 | 22 9 | 4 s 3 6 | - | 22 29 | 1 49 | | - | 14 48 | | 11 2 | | | | 2 3 | | 6 13 | | 12 46 | | | | | 22 36 | | 1 | 7 24 |
| T 5 | 21 52 | | | 21 38 | | | | 14 22 | | 11 1 | | | | 2 4 | | 6 13 | | 12 46 | | | | | 22 36 | | | 7 24 |
| F 6 | _ | 15 27 | | 21 10 | | | 5 22 | | | 11 1 | | | | 2 4 | | 6 14 | | 12 46 | | | | | 22 36 | | | 7 24 |
| S 7 | 21 34 | 19 40 | 4 48 | 20 40 | 1 45 | 17 39 | 5 23 | 13 56 | 1 6 | 11 1 | 0 1 | 4 | 16 56 | 2 4 | 1 | 6 14 | 0 36 | 12 46 | 1 50 | 21 23 | 14 14 | 22 33 | 22 37 | 12 17 | 12 32 | 7 24 |
| S 8 | | 22 49 | 4 11 | | - | | - | 13 43 | | | 6 1 | | 16 57 | | | 6 15 | | 12 46 | | | | | | | 12 33 | 7 25 |
| M 9 | | 24 46 | | 19 37 | | | | 13 30 | | | 2 1 | | | | | 6 15 | | 12 46 | | | | | | | 12 34 | 7 25 |
| T 10 W11 | 21 3 20 52 | 25 27 | 2 24 1 21 | 19 4 18 30 | 1 36 | | 5 22 5 21 | 13 17 13 3 | | 10 5 | - | | | 2 4 | | 6 16 6 16 | | 12 46 12 46 | | | | | 22 38 | | 12 34 12 35 | 7 25 7 25 |
| T 12 | 20 32 | - | | 17 55 | 1 28 | | - | 12 50 | | 10 2 | - | | | 2 4 | | 6 17 | | 12 46 | | - | | | 22 39 | - | | 7 25 |
| F 13 | | 20 18 | | 17 20 | | | | 12 36 | | 10 4 | | | | 2 5 | | 6 17 | | 12 46 | | | | | 22 39 | | 1 | 7 25 |
| S 14 | 20 18 | 16 42 | 1 55 | 16 43 | 1 17 | 17 56 | 5 17 | 12 23 | 1 3 | 10 4 | 1 1 | 4 | 17 4 | 2 5 | 5 | 6 18 | 0 35 | 12 46 | 1 49 | 21 17 | 14 13 | 22 33 | 22 39 | 11 58 | 12 37 | 7 25 |
| S 15 | 20 6 | 12 26 | 2 53 | 16 6 | 1 12 | 17 59 | 5 15 | 12 9 | 1 3 | 10 3 | 6 1 | 4 | 17 5 | 2 5 | 5 | 6 19 | 0 35 | 12 46 | 1 49 | 21 16 | 14 13 | 22 33 | 22 40 | 11 55 | 12 38 | 7 25 |
| M16 | 19 53 | 7 44 | | 15 29 | 1 5 | | | 11 55 | | 10 3 | | 4 | | 2 5 | | 6 19 | | 12 46 | | | | | | | 12 39 | 7 25 |
| T 17 | 19 40 | 2 46 | | 14 51 | 0 59 | | - | | | 10 2 | | 4 | 17 6 | 2 5 | | 6 20 | | 12 46 | | | | | 22 40 | | | 7 25 |
| W18 T 19 | 19 27 19 14 | 2n20 7 24 | | 14 13 13 34 | 0 52 0 45 | | | | | 10 2 | | 4 | 17 7 17 8 | 2 5 | | 6 20 6 21 | | 12 46 12 47 | | | | | 22 41 22 41 | | | 7 25 7 25 |
| F 20 | 19 14 | | | 12 55 | 0 43 | | | 10 59 | | 10 1 | | | | 2 6 | | 6 22 | | 12 47 | | | | | 22 41 | | | 7 24 |
| S 21 | | 16 43 | | 12 17 | | 18 25 | - | 10 45 | | 10 1 | | - | | | | 6 22 | | 12 47 | | | | | | | 12 42 | 7 24 |
| S 22 | 18 31 | 20 32 | 4 38 | 11 38 | 0 21 | 18 29 | 4 57 | 10 30 | 0 59 | 10 | 5 1 | 3 | 17 11 | 2 6 | 6 | 6 23 | 0 35 | 12 47 | 1 49 | 21 9 | 14 11 | 22 35 | 22 42 | 11 35 | 12 43 | 7 24 |
| M23 | 18 16 | 23 27 | 3 56 | 10 59 | 0 13 | 18 34 | 4 53 | 10 16 | 0 59 | 10 | 1 1 | 3 | 17 12 | 2 6 | 5 | 6 24 | 0 35 | 12 47 | 1 49 | 21 9 | 14 11 | 22 35 | 22 42 | 11 32 | 12 44 | 7 24 |
| T 24 | _ | 25 7 | 3 0 | | | | 4 50 | | 0 59 | | - | | | 2 6 | | 6 25 | | 12 47 | | | | | 22 43 | | 1 | 7 24 |
| W25 | | 25 17 | 1 52 | - | 0s 5 | | 4 46 | | 0 58 | | | | | 2 7 | | 6 25 | | 12 47 | | | | | 22 43 | | | 7 24 |
| T 26 F 27 | | 23 46 20 34 | 0 35 0s46 | | 0 14 0 23 | | 4 42 4 38 | | 0 58 | | | | | 2 7 2 7 | | 6 26 6 27 | | 12 48 12 48 | | | | | 22 43 | | 12 46 12 47 | 7 24 7 24 |
| S 28 | | 15 57 | 2 6 | | 0 32 | | 4 34 | 9 18 | 0 57 | | | | | 2 7 | | 6 28 | | 12 48 | | - | | | | | 12 47 | 7 24 |
| S 29 | | 10 17 | | 7 9 | | | 4 30 | 8 48 | 0 56 | | | | | | 7 | 6 29 | | 12 48 | | | | | | | 12 49 | 7 24 |
| M30 | - | | 4 14 | | | | | | 0 56 | | | | 17 16 | | | 6 30 | | 12 49 | | | | | | | 12 50 | 7 23 |
| T 31 | 16n 7 | 2 s21 | 4 s 5 2 | 5n55 | 1 s 2 | 19n 9 | 4 s 2 1 | 8n18 | 0n55 | 9n2 | 4 1n | 3 | 17n17 | 2s 8 | 3 | 6 s 3 0 | 0n35 | 12 s49 | 1n48 | 21n 1 | 14n10 | 22 s36 | 22 s45 | 11 s10 | 12 s50 | 7n23 |

Julian Day Number = 2258156.5, Delta T = 05m51s

Ecliptic obliquity = $23^{\circ}30'31$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red

 $Ayanamsha: Fagan/Bradley = 17^{\circ}21'10, Lahiri = 16^{\circ}28'11 \ Julian \ Calendar \ 1 \ July \ 1470 == Greg. \ Calendar \ 10 \ July \ 1470 = 10'21'10 \ July \ 1470 = 10'2$

AUGUST 1470 JC 00:00 UT

| Day | Sid.t | 0 | D | ğ | Q | ð | 24 | ħ |)ţ(| # | Р | R | Ω | Ç | ķ | Day |
|------|----------|-------------------|-----------------|-----------------|--------------|-----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|-------|----------------|------|
| W 1 | 21 12 40 | 16Ω50'07 | 9 Ω 19 | 13 mp 43 | 2923 | 11 m)39 | 8 m)40 | 26813 | 17 Ω 57 | 8 M .58 | 9 m 42 | 15°R32 | 14궁 7 | 22≈15 | 0°R39 | W 1 |
| T 2 | 21 16 37 | 17°47'51 | 23°30 | 14°51 | 3°10 | 12°17 | 8°53 | 26°16 | 17°59 | 8°59 | 9°44 | 15 る 29 | 14° 4 | 22°22 | 0≈36 | T 2 |
| F 3 | 21 20 34 | 18°45'37 | 7 M .15 | 15°56 | 3°59 | 12°56 | 9° 5 | 26°19 | 18° 1 | 8°59 | 9°46 | 15°27 | 14° 1 | 22°29 | 0°33 | F 3 |
| S 4 | 21 24 30 | 19°43'23 | 20°33 | 17° 0 | 4°48 | 13°34 | 9°18 | 26°22 | 18° 4 | 9° 0 | 9°48 | 15°D26 | 13°57 | 22°35 | 0°30 | S 4 |
| S 5 | 21 28 27 | 20°41'10 | 3 ₹ 126 | 18° 0 | 5°38 | 14°12 | 9°31 | 26°25 | 18° 6 | 9° 1 | 9°50 | 15°27 | 13°54 | 22°42 | 0°27 | S 5 |
| M 6 | 21 32 23 | 21°38'59 | 15°59 | 18°58 | 6°28 | 14°50 | 9°43 | 26°28 | 18° 8 | 9° 2 | 9°52 | 15°28 | 13°51 | 22°49 | 0°24 | M 6 |
| T 7 | 21 36 20 | 22°36'49 | 28°16 | 19°53 | 7°19 | 15°29 | 9°56 | 26°30 | 18°11 | 9° 2 | 9°55 | 15°30 | 13°48 | 22°55 | 0°21 | T 7 |
| W 8 | 21 40 16 | 23°34'40 | 10 ට 21 | 20°46 | 8°11 | 16° 7 | 10° 9 | 26°33 | 18°13 | 9° 3 | 9°57 | 15°R31 | 13°45 | 23° 2 | 0°18 | W 8 |
| T 9 | 21 44 13 | 24°32'33 | 22°18 | 21°35 | 9° 4 | 16°45 | 10°21 | 26°35 | 18°16 | 9° 4 | 9°59 | 15°31 | 13°41 | 23° 9 | 0°15 | T 9 |
| F 10 | 21 48 9 | 25°30'27 | 4≈ 9 | 22°20 | 9°57 | 17°24 | 10°34 | 26°38 | 18°19 | 9° 5 | 10° 1 | 15°29 | 13°38 | 23°15 | 0°12 | F 10 |
| S 11 | 21 52 6 | 26°28'22 | 15°59 | 23° 3 | 10°50 | 18° 2 | 10°47 | 26°40 | 18°21 | 9° 6 | 10° 3 | 15°25 | 13°35 | 23°22 | 0° 9 | S 11 |
| S 12 | 21 56 3 | 27°26'19 | 27°48 | 23°41 | 11°45 | 18°41 | 10°59 | 26°42 | 18°24 | 9° 7 | 10° 5 | 15°20 | 13°32 | 23°29 | 0° 6 | S 12 |
| M13 | 21 59 59 | 28°24'18 | 9 米 40 | 24°16 | 12°40 | 19°19 | 11°12 | 26°44 | 18°27 | 9° 8 | 10° 7 | 15°13 | 13°29 | 23°35 | 0° 3 | M13 |
| T 14 | 22 3 56 | 29°22'18 | 21°36 | 24°46 | 13°35 | 19°58 | 11°25 | 26°46 | 18°29 | 9° 9 | 10° 9 | 15° 4 | 13°26 | 23°42 | 0° 1 | T 14 |
| W15 | 22 7 52 | 0 Mg 20'20 | 3 Ƴ 37 | 25°12 | 14°31 | 20°36 | 11°38 | 26°48 | 18°32 | 9°10 | 10°11 | 14°56 | 13°22 | 23°49 | 29 궁 58 | W15 |
| T 16 | 22 11 49 | 1°18'24 | 15°45 | 25°33 | 15°27 | 21°15 | 11°51 | 26°49 | 18°35 | 9°11 | 10°13 | 14°48 | 13°19 | 23°55 | 29°55 | T 16 |
| F 17 | 22 15 45 | 2°16'29 | 28° 4 | 25°49 | 16°24 | 21°54 | 12° 4 | 26°51 | 18°38 | 9°12 | 10°16 | 14°42 | 13°16 | 24° 2 | 29°53 | F 17 |
| S 18 | 22 19 42 | 3°14'37 | 10835 | 26° 0 | 17°22 | 22°33 | 12°17 | 26°53 | 18°41 | 9°13 | 10°18 | 14°37 | 13°13 | 24° 9 | 29°50 | S 18 |
| S 19 | 22 23 38 | 4°12'46 | 23°21 | 26°R 5 | 18°20 | 23°11 | 12°29 | 26°54 | 18°44 | 9°14 | 10°20 | 14°35 | 13°10 | 24°15 | 29°48 | S 19 |
| M20 | 22 27 35 | 5°10'58 | 6 Ⅱ 27 | 26° 4 | 19°18 | 23°50 | 12°42 | 26°55 | 18°47 | 9°16 | 10°22 | 14°D34 | 13° 7 | 24°22 | 29°45 | M20 |
| T 21 | 22 31 31 | 6° 9'12 | 19°54 | 25°57 | 20°17 | 24°29 | 12°55 | 26°56 | 18°50 | 9°17 | 10°24 | 14°35 | 13° 3 | 24°29 | 29°43 | T 21 |
| W22 | 22 35 28 | 7° 7'28 | 39945 | 25°44 | 21°16 | 25° 8 | 13° 8 | 26°57 | 18°53 | 9°18 | 10°26 | 14°36 | 13° 0 | 24°35 | 29°40 | W22 |
| T 23 | 22 39 25 | 8° 5'46 | 18° 1 | 25°24 | 22°15 | 25°47 | 13°21 | 26°58 | 18°56 | 9°19 | 10°29 | 14°R36 | 12°57 | 24°42 | 29°38 | T 23 |
| F 24 | 22 43 21 | 9° 4'06 | 2 Ω 41 | 24°58 | 23°15 | 26°26 | 13°34 | 26°59 | 18°59 | 9°21 | 10°31 | 14°35 | 12°54 | 24°49 | 29°36 | F 24 |
| S 25 | 22 47 18 | 10° 2'28 | 17°41 | 24°25 | 24°16 | 27° 5 | 13°47 | 27° 0 | 19° 2 | 9°22 | 10°33 | 14°31 | 12°51 | 24°55 | 29°33 | S 25 |
| S 26 | 22 51 14 | 11° 0'52 | 2 m 52 | 23°46 | 25°17 | 27°44 | 14° 0 | 27° 1 | 19° 5 | 9°23 | 10°35 | 14°25 | 12°47 | 25° 2 | 29°31 | S 26 |
| M27 | 22 55 11 | 11°59'18 | 18° 5 | 23° 1 | 26°18 | 28°23 | 14°13 | 27° 1 | 19° 8 | 9°25 | 10°37 | 14°18 | 12°44 | 25° 9 | 29°29 | M27 |
| T 28 | 22 59 7 | 12°57'46 | 3 ₾ 10 | 22°10 | 27°19 | 29° 2 | 14°26 | 27° 2 | 19°11 | 9°26 | 10°39 | 14° 9 | 12°41 | 25°15 | 29°27 | T 28 |
| W29 | 23 3 4 | 13°56'15 | 17°56 | 21°15 | 28°21 | 29°41 | 14°39 | 27° 2 | 19°15 | 9°28 | 10°41 | 14° 0 | 12°38 | 25°22 | 29°25 | W29 |
| T 30 | 23 7 0 | 14°54'47 | 2M.18 | 20°15 | 29°23 | 0 <u>₽</u> 21 | 14°52 | 27° 2 | 19°18 | 9°29 | 10°44 | 13°52 | 12°35 | 25°29 | 29°23 | T 30 |
| F 31 | 23 10 57 | 15 m 53'20 | 16 M .10 | 19 M p14 | $0\Omega 26$ | 1 ♀ 0 | 15 m 5 | 27°R 2 | 19 ≏ 21 | 9 M .31 | 10 M 46 | 13 る 46 | 12 る 32 | 25≈36 | 29 ਰ 21 | F 31 |

| Day | 0 | 2 | | ğ | 5 | ς | 2 | ď | 1 | 2 | + | ŧ | 1 |); | j (| ý | ŧ | E | 2 | n | U | Ç | ď | ; |
|------|-------|---------|---------|------|-------|-------|-------|------|------|------|------|-------|------|-------|----------------|--------|------|-------|-------|--------|--------|-------|--------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 15n50 | 8 s27 | 5 s 1 1 | 5n19 | 1 s12 | 19n12 | 4s17 | 8n 3 | 0n55 | 9n19 | 1n 3 | 17n18 | 2s 8 | 6 s31 | 0n35 | 12 s49 | 1n48 | 21n 1 | 14n10 | 22 s36 | 22 s46 | 11s 7 | 12s51 | 7n23 |
| T 2 | 15 33 | 13 57 | 5 10 | 4 44 | 1 22 | 19 16 | 4 12 | 7 48 | 0 54 | 9 14 | 1 3 | 17 18 | 2 8 | 6 32 | 0 35 | 12 49 | | | 14 10 | | | | 12 52 | 7 23 |
| F 3 | | 18 32 | 4 51 | 4 9 | | | 4 8 | 7 33 | 0 54 | 9 9 | | | - | 6 33 | | 12 50 | | | 14 10 | | | | 12 53 | 7 23 |
| S 4 | 14 57 | 22 3 | 4 16 | 3 35 | 1 42 | 19 22 | 4 3 | 7 18 | 0 53 | 9 5 | 1 3 | 17 19 | 2 8 | 6 34 | 0 35 | 12 50 | 1 48 | 20 58 | 14 10 | 22 37 | 22 47 | 10 59 | 12 54 | 7 23 |
| S 5 | 14 38 | 24 20 | 3 30 | 3 2 | 1 52 | 19 25 | 3 58 | 7 3 | 0 53 | 9 0 | 1 3 | 17 20 | 2 8 | 6 35 | 0 35 | 12 50 | | | | 22 37 | 22 47 | 10 56 | 12 54 | 7 22 |
| M 6 | | 25 19 | 2 34 | | | | 3 54 | 6 48 | 0 53 | 8 55 | | | | 6 36 | | 12 50 | | 20 56 | | | | 10 53 | | 7 22 |
| T 7 | | | 1 33 | 1 59 | | | 3 49 | 6 32 | 0 52 | 8 50 | | | 2 9 | 6 37 | | 12 51 | 1 48 | | | | | 10 50 | | 7 22 |
| W 8 | | 23 34 | 0 28 | | | | 3 44 | 6 17 | 0 52 | 8 46 | 1 3 | | 2 9 | 6 38 | | 12 51 | | | | | | 10 48 | | 7 22 |
| T 9 | 13 23 | - | 0n37 | 1 1 | 2 33 | | 3 39 | 6 2 | 0 51 | 8 41 | 1 3 | | 2 9 | 6 39 | | 12 51 | - | | | | | 10 45 | | 7 21 |
| F 10 | | 17 40 | 1 40 | 0 34 | 2 43 | | 3 34 | 5 46 | 0 51 | 8 36 | 1 3 | | | 6 40 | | 12 52 | | | | | | 10 42 | | 7 21 |
| S 11 | 12 44 | 13 35 | 2 38 | 0 8 | 2 52 | 19 36 | 3 29 | 5 31 | 0 50 | 8 31 | 1 3 | 17 22 | 2 10 | 6 41 | 0 35 | 12 52 | 1 48 | 20 52 | 14 9 | 22 37 | 22 49 | 10 39 | 13 0 | 7 21 |
| S 12 | 12 24 | 9 0 | 3 29 | 0s16 | 3 2 | 19 37 | 3 23 | 5 15 | 0 50 | 8 26 | 1 3 | 17 22 | 2 10 | 6 42 | 0 35 | 12 52 | 1 48 | 20 51 | 14 9 | 22 38 | 22 49 | 10 36 | 13 0 | 7 21 |
| M13 | 12 4 | 4 5 | 4 11 | 0 38 | 3 11 | 19 37 | 3 18 | 5 0 | 0 49 | 8 21 | 1 3 | 17 23 | 2 10 | 6 43 | 0 34 | 12 53 | 1 48 | 20 50 | 14 9 | 22 38 | 22 49 | 10 34 | 13 1 | 7 20 |
| T 14 | 11 44 | 0n59 | 4 43 | 0 59 | 3 20 | 19 37 | 3 13 | 4 44 | 0 49 | 8 16 | 1 3 | 17 23 | 2 10 | 6 44 | 0 34 | 12 53 | 1 48 | 20 49 | | | 22 50 | | 13 2 | 7 20 |
| W15 | 11 23 | 6 3 | 5 2 | 1 17 | 3 29 | 19 36 | 3 8 | 4 28 | 0 48 | 8 11 | 1 3 | | 2 10 | 6 45 | 0 34 | 12 54 | 1 47 | | | | 22 50 | | 13 3 | 7 20 |
| T 16 | 11 2 | | 5 8 | 1 33 | 3 37 | 19 35 | 3 3 | 4 13 | 0 48 | 8 7 | 1 3 | | 2 10 | 6 46 | | 12 54 | 1 47 | | | | | 10 25 | 13 4 | 7 19 |
| F 17 | | 15 28 | 5 0 | 1 46 | 3 45 | 19 34 | 2 57 | 3 57 | 0 47 | 8 2 | 1 3 | | 2 11 | 6 47 | | 12 54 | | 20 47 | - | | | 10 22 | 13 5 | 7 19 |
| S 18 | 10 21 | 19 25 | 4 37 | 1 57 | 3 52 | 19 32 | 2 52 | 3 41 | 0 47 | 7 57 | 1 3 | 17 24 | 2 11 | 6 49 | 0 34 | 12 55 | 1 47 | 20 46 | 14 9 | 22 42 | 22 51 | 10 20 | 13 5 | 7 19 |
| S 19 | 10 0 | 22 32 | 4 0 | 2 5 | 3 58 | 19 30 | 2 47 | 3 25 | 0 46 | 7 52 | 1 3 | 17 24 | 2 11 | 6 50 | 0 34 | 12 55 | 1 47 | 20 45 | 14 9 | 22 43 | 22 51 | 10 17 | 13 6 | 7 18 |
| M20 | 9 38 | 24 35 | 3 11 | 2 9 | 4 4 | 19 27 | 2 41 | 3 9 | 0 46 | 7 47 | 1 3 | | 2 11 | 6 51 | 0 34 | 12 56 | | - | | | | 10 14 | 13 7 | 7 18 |
| T 21 | | 25 16 | 2 9 | 2 11 | 4 8 | | 2 36 | 2 53 | 0 45 | 7 42 | 1 3 | | 2 11 | 6 52 | | 12 56 | | - | | | | 10 11 | 13 8 | 7 18 |
| W22 | | 24 25 | 0 58 | 2 9 | | | 2 31 | 2 38 | 0 45 | 7 37 | 1 3 | | 2 12 | 6 53 | | 12 57 | | 20 43 | | | 22 52 | | 13 9 | 7 17 |
| T 23 | | 21 59 | 0s18 | 2 3 | 4 14 | | 2 25 | 2 22 | 0 44 | 7 32 | 1 3 | | | 6 54 | | 12 57 | | 20 42 | | | 22 53 | | 13 9 | 7 17 |
| F 24 | 8 12 | | 1 36 | 1 53 | 4 15 | | 2 20 | 2 6 | 0 44 | 7 27 | 1 3 | | | 6 56 | | 12 57 | 1 47 | | | | 22 53 | | 13 10 | 7 17 |
| S 25 | 7 50 | 12 55 | 2 48 | 1 40 | 4 14 | 19 7 | 2 15 | 1 50 | 0 43 | 7 22 | 1 3 | 17 24 | 2 12 | 6 57 | 0 34 | 12 58 | 1 47 | 20 40 | 14 9 | 22 43 | 22 53 | 10 0 | 13 11 | 7 16 |
| S 26 | 7 27 | 6 55 | 3 49 | 1 23 | 4 12 | 19 1 | 2 9 | 1 34 | 0 43 | 7 17 | 1 3 | | | 6 58 | 0 34 | 12 58 | | | | | 22 54 | | 13 12 | 7 16 |
| M27 | 7 5 | 0 31 | 4 34 | 1 1 | 4 8 | | 2 4 | 1 18 | 0 42 | 7 12 | 1 3 | | - | 6 59 | | 12 59 | | 20 39 | | | 22 54 | | 13 13 | 7 16 |
| T 28 | 6 43 | 5 s 5 0 | 4 59 | 0 36 | - | | 1 59 | 1 1 | 0 42 | 7 7 | 1 3 | | 2 13 | 7 0 | | 12 59 | | 20 38 | | | 22 54 | | 13 14 | 7 15 |
| W29 | 6 20 | 11 44 | 5 4 | 0 7 | 3 55 | | 1 53 | 0 45 | 0 41 | 7 2 | 1 3 | | 2 13 | 7 2 | | | | | | | 22 54 | | 13 14 | 7 15 |
| T 30 | | 16 49 | 4 49 | 0n25 | 3 45 | | 1 48 | 0 29 | 0 41 | 6 57 | 1 3 | | 2 13 | 7 3 | | | - | | | | 22 55 | | 13 15 | 7 14 |
| F 31 | 5n35 | 20 s 50 | 4s18 | 1n 0 | 3 s34 | 18n27 | 1 s43 | 0n13 | 0n40 | 6n52 | 1n 3 | 17n23 | 2s13 | 7s 4 | 0n34 | 13 s 1 | 1n47 | 20n36 | 14n10 | 22 s48 | 22 s55 | 9 s43 | 13 s16 | 7n14 |

Julian Day Number = 2258187.5, Delta T = 05m51s

Ecliptic obliquity = $23^{\circ}30'31$, Nutation = $0^{\circ}00'18$, out-of-bounds declination in red

 $Ayanamsha: Fagan/Bradley = 17^{\circ}21'14, Lahiri = 16^{\circ}28'15 \ Julian \ Calendar \ 1 \ Aug. \ 1470 == Greg. \ Calendar \ 10 \ Aug. \ 1470 = 100'14.$

SEPTEMBER 1470 JC 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)∤(| 并 | Р | S. | v | Ç | ę, | Day |
|------|----------|-------------------|-----------------|-----------------|----------------|----------------|----------------|---------------|----------------|----------------|-----------------|----------------|----------------|-------|----------------|------|
| S 1 | 23 14 54 | 16 m 51'54 | 29M32 | 18°R10 | 1 \O 28 | 1 ≏ 39 | 15 m 18 | 27°R 2 | 19 ≏ 24 | 9MJ32 | 10 m 48 | 13°R43 | 12る28 | 25≈42 | 29°R19 | S 1 |
| S 2 | 23 18 50 | 17°50'31 | 12 × 28 | 17 m) 7 | 2°31 | 2°18 | 15°31 | 27 8 2 | 19°28 | 9°34 | 10°50 | 13°D41 | 12°25 | 25°49 | 29 궁 17 | S 2 |
| M 3 | 23 22 47 | 18°49'09 | 25° 0 | 16° 5 | 3°35 | 2°58 | 15°44 | 27° 2 | 19°31 | 9°35 | 10°52 | 13 云 41 | 12°22 | 25°56 | 29°16 | M 3 |
| T 4 | 23 26 43 | 19°47'49 | 7 云 14 | 15° 7 | 4°38 | 3°37 | 15°57 | 27° 1 | 19°34 | 9°37 | 10°54 | 13°42 | 12°19 | 26° 2 | 29°14 | T 4 |
| W 5 | 23 30 40 | 20°46'30 | 19°14 | 14°13 | 5°42 | 4°17 | 16°10 | 27° 1 | 19°38 | 9°38 | 10°56 | 13°R42 | 12°16 | 26° 9 | 29°12 | W 5 |
| T 6 | 23 34 36 | 21°45'13 | 1≈ 7 | 13°25 | 6°47 | 4°56 | 16°23 | 27° 0 | 19°41 | 9°40 | 10°59 | 13°40 | 12°13 | 26°16 | 29°11 | T 6 |
| F 7 | 23 38 33 | 22°43'58 | 12°56 | 12°45 | 7°51 | 5°36 | 16°36 | 27° 0 | 19°45 | 9°42 | 11° 1 | 13°36 | 12° 9 | 26°22 | 29° 9 | F 7 |
| S 8 | 23 42 29 | 23°42'45 | 24°45 | 12°13 | 8°56 | 6°15 | 16°49 | 26°59 | 19°48 | 9°43 | 11° 3 | 13°30 | 12° 6 | 26°29 | 29° 8 | S 8 |
| S 9 | 23 46 26 | 24°41'34 | 6 ∺ 36 | 11°50 | 10° 1 | 6°55 | 17° 2 | 26°58 | 19°52 | 9°45 | 11° 5 | 13°21 | 12° 3 | 26°36 | 29° 7 | S 9 |
| M10 | 23 50 23 | 25°40'24 | 18°33 | 11°37 | 11° 6 | 7°35 | 17°15 | 26°57 | 19°55 | 9°47 | 11° 7 | 13° 9 | 12° 0 | 26°42 | 29° 5 | M10 |
| T 11 | 23 54 19 | 26°39'17 | 0 Ƴ 37 | 11°D33 | 12°12 | 8°14 | 17°28 | 26°56 | 19°59 | 9°48 | 11° 9 | 12°56 | 11°57 | 26°49 | 29° 4 | T 11 |
| W12 | 23 58 16 | 27°38'12 | 12°49 | 11°41 | 13°18 | 8°54 | 17°41 | 26°55 | 20° 2 | 9°50 | 11°11 | 12°43 | 11°53 | 26°56 | 29° 3 | W12 |
| T 13 | 0 2 12 | 28°37'08 | 25°10 | 11°58 | 14°24 | 9°34 | 17°53 | 26°53 | 20° 6 | 9°52 | 11°13 | 12°30 | 11°50 | 27° 2 | 29° 2 | T 13 |
| F 14 | 0 6 9 | 29°36'07 | 7 8 40 | 12°25 | 15°30 | 10°14 | 18° 6 | 26°52 | 20° 9 | 9°54 | 11°15 | 12°19 | 11°47 | 27° 9 | 29° 1 | F 14 |
| S 15 | 0 10 5 | 0 ჲ 35'09 | 20°20 | 13° 1 | 16°36 | 10°54 | 18°19 | 26°50 | 20°13 | 9°56 | 11°17 | 12°11 | 11°44 | 27°16 | 29° 0 | S 15 |
| S 16 | 0 14 2 | 1°34'12 | 3 I I13 | 13°47 | 17°43 | 11°34 | 18°32 | 26°49 | 20°17 | 9°57 | 11°20 | 12° 6 | 11°41 | 27°22 | 28°59 | S 16 |
| M17 | 0 17 58 | 2°33'18 | 16°20 | 14°40 | 18°50 | 12°14 | 18°45 | 26°47 | 20°20 | 9°59 | 11°22 | 12° 3 | 11°38 | 27°29 | 28°58 | M17 |
| T 18 | 0 21 55 | 3°32'26 | 29°44 | 15°41 | 19°57 | 12°54 | 18°58 | 26°45 | 20°24 | 10° 1 | 11°24 | 12° 2 | 11°34 | 27°36 | 28°57 | T 18 |
| W19 | 0 25 52 | 4°31'37 | 139527 | 16°49 | 21° 5 | 13°34 | 19°10 | 26°43 | 20°28 | 10° 3 | 11°26 | 12° 2 | 11°31 | 27°42 | 28°56 | W19 |
| T 20 | 0 29 48 | 5°30'50 | 27°30 | 18° 3 | 22°12 | 14°14 | 19°23 | 26°41 | 20°31 | 10° 5 | 11°28 | 12° 2 | 11°28 | 27°49 | 28°56 | T 20 |
| F 21 | 0 33 45 | 6°30'05 | 11 Q 53 | 19°22 | 23°20 | 14°54 | 19°36 | 26°39 | 20°35 | 10° 7 | 11°30 | 12° 0 | 11°25 | 27°56 | 28°55 | F 21 |
| S 22 | 0 37 41 | 7°29'23 | 26°34 | 20°46 | 24°28 | 15°34 | 19°49 | 26°37 | 20°39 | 10° 9 | 11°32 | 11°55 | 11°22 | 28° 3 | 28°55 | S 22 |
| S 23 | 0 41 38 | 8°28'43 | 11 m)28 | 22°14 | 25°36 | 16°14 | 20° 1 | 26°34 | 20°42 | 10°11 | 11°34 | 11°47 | 11°18 | 28° 9 | 28°54 | S 23 |
| M24 | 0 45 34 | 9°28'05 | 26°28 | 23°45 | 26°44 | 16°55 | 20°14 | 26°32 | 20°46 | 10°13 | 11°36 | 11°37 | 11°15 | 28°16 | 28°54 | M24 |
| T 25 | 0 49 31 | 10°27'29 | 11 ≏ 23 | 25°19 | 27°53 | 17°35 | 20°26 | 26°29 | 20°50 | 10°15 | 11°38 | 11°25 | 11°12 | 28°23 | 28°54 | T 25 |
| W26 | 0 53 27 | 11°26'55 | 26° 6 | 26°56 | 29° 2 | 18°15 | 20°39 | 26°27 | 20°53 | 10°17 | 11°39 | 11°14 | 11° 9 | 28°29 | 28°53 | W26 |
| T 27 | 0 57 24 | 12°26'24 | 10 M 27 | 28°34 | 0 m 10 | 18°56 | 20°52 | 26°24 | 20°57 | 10°19 | 11°41 | 11° 3 | 11° 6 | 28°36 | 28°53 | T 27 |
| F 28 | 1 1 20 | 13°25'54 | 24°21 | 0 ჲ 13 | 1°19 | 19°36 | 21° 4 | 26°21 | 21° 1 | 10°21 | 11°43 | 10°55 | 11° 3 | 28°43 | 28°53 | F 28 |
| S 29 | 1 5 17 | 14°25'26 | 7 . ₹48 | 1°54 | 2°29 | 20°17 | 21°16 | 26°18 | 21° 5 | 10°23 | 11°45 | 10°49 | 10°59 | 28°49 | 28°D53 | S 29 |
| S 30 | 1 9 14 | 15 ≏ 25'00 | 20 ∡ 147 | 3 ₾ 36 | 3 Mp 38 | 20 ჲ 57 | 21 m 29 | 26815 | 21 ♀ 8 | 10 M 25 | 11 m)47 | 10 궁 46 | 10 궁 56 | 28≈56 | 28 궁 53 | S 30 |

| Day | 0 | D | | | φ | | d | 7 | 2 | ł | ŧ | ì |) | ł(| ý | ŧ | Е |) | n | v | Ç | ď | 5 |
|------|------|------------|---------|-------------|--------|-------|-------|------|------|------|-------|---------|-------|------|---------|------|-------|-------|--------|--------|-------|--------|------|
| | decl | decl lat | decl | lat | decl l | at | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 5n12 | 23 s35 3 s | 33 1n37 | 3 s20 | 18n18 | 1 s38 | 0 s 3 | 0n40 | 6n47 | 1n 3 | 17n23 | 2 s 1 3 | 7s 6 | 0n34 | 13 s 1 | 1n47 | 20n35 | 14n10 | 22 s48 | 22 s55 | 9 s40 | 13 s17 | 7n14 |
| S 2 | 4 49 | 24 59 2 | 39 2 16 | 3 5 | 18 9 | 1 32 | 0 19 | 0 39 | 6 42 | 1 3 | 17 23 | 2 14 | 7 7 | 0 34 | 13 2 | 1 47 | 20 34 | 14 10 | 22 48 | 22 56 | 9 37 | 13 17 | 7 13 |
| M 3 | 4 26 | 25 3 1 | 38 2 55 | 2 48 | 18 0 | 1 27 | 0 35 | 0 39 | 6 37 | 1 3 | 17 23 | 2 14 | 7 8 | 0 34 | 13 3 | 1 46 | 20 33 | 14 10 | 22 48 | 22 56 | 9 34 | 13 18 | 7 13 |
| T 4 | 4 3 | 23 53 0 | 34 3 34 | 2 30 | 17 50 | 1 22 | 0 51 | 0 38 | 6 32 | 1 3 | 17 23 | 2 14 | 7 9 | 0 34 | 13 3 | 1 46 | 20 33 | 14 10 | 22 48 | 22 56 | 9 31 | 13 19 | 7 12 |
| W 5 | 3 40 | 21 38 0n | 30 4 13 | 2 11 | 17 40 | 1 17 | 1 8 | 0 38 | 6 27 | 1 4 | 17 22 | 2 14 | 7 11 | 0 34 | 13 4 | 1 46 | 20 32 | 14 10 | 22 48 | 22 56 | 9 29 | 13 20 | 7 12 |
| T 6 | 3 17 | 18 29 1 | 31 4 49 | 1 52 | 17 29 | 1 12 | 1 24 | 0 37 | 6 22 | 1 4 | 17 22 | 2 14 | 7 12 | 0 34 | 13 4 | 1 46 | | | 22 48 | | 9 26 | 13 20 | 7 11 |
| F 7 | 2 54 | 14 36 2 | | | 17 17 | 1 7 | 1 40 | 0 37 | 6 17 | 1 4 | | 2 15 | 7 13 | | 13 5 | | | | 22 49 | | | 13 21 | 7 11 |
| S 8 | 2 30 | 10 10 3 | 20 5 54 | 1 12 | 17 5 | 1 2 | 1 56 | 0 36 | 6 12 | 1 4 | 17 21 | 2 15 | 7 15 | 0 34 | 13 5 | 1 46 | 20 30 | 14 11 | 22 49 | 22 57 | 9 20 | 13 22 | 7 11 |
| S 9 | 2 7 | 5 22 4 | 2 6 21 | 0 52 | 16 53 | 0 57 | 2 12 | 0 36 | 6 7 | 1 4 | 17 21 | 2 15 | 7 16 | 0 34 | 13 6 | 1 46 | 20 29 | 14 11 | 22 50 | 22 58 | 9 17 | 13 23 | 7 10 |
| M10 | 1 43 | 0 20 4 | 34 6 44 | 0 32 | 16 40 | 0 52 | 2 29 | 0 35 | 6 2 | 1 4 | 17 21 | 2 15 | 7 17 | 0 34 | 13 6 | 1 46 | 20 29 | 14 11 | 22 51 | 22 58 | 9 14 | 13 23 | 7 10 |
| T 11 | 1 20 | 4n44 4 | 54 7 2 | 0 14 | 16 26 | 0 47 | 2 45 | 0 35 | 5 57 | 1 4 | 17 20 | 2 15 | 7 19 | 0 34 | 13 7 | 1 46 | 20 28 | 14 11 | 22 53 | 22 58 | 9 12 | 13 24 | 7 9 |
| W12 | 0 57 | 9 41 5 | 1 7 16 | 0n 4 | 16 13 | 0 42 | 3 1 | 0 34 | 5 52 | 1 4 | 17 20 | 2 15 | 7 20 | 0 34 | 13 8 | 1 46 | 20 27 | 14 11 | 22 54 | 22 59 | 9 9 | 13 25 | 7 9 |
| T 13 | 0 33 | 14 19 4 | 54 7 24 | 0 20 | 15 58 | 0 37 | 3 17 | 0 34 | 5 47 | 1 4 | 17 19 | 2 16 | 7 21 | 0 34 | 13 8 | 1 46 | 20 27 | 14 11 | 22 55 | 22 59 | 9 6 | 13 25 | 7 8 |
| F 14 | 0 10 | 18 23 4 | 32 7 28 | 0 35 | 15 43 | 0 32 | 3 33 | 0 33 | 5 42 | 1 4 | 17 19 | 2 16 | 7 23 | 0 34 | 13 9 | 1 46 | 20 26 | 14 12 | 22 56 | 22 59 | 9 3 | 13 26 | 7 8 |
| S 15 | 0s14 | 21 41 3 | 57 7 27 | 0 49 | 15 28 | 0 28 | 3 49 | 0 33 | 5 37 | 1 4 | 17 18 | 2 16 | 7 24 | 0 34 | 13 9 | 1 46 | 20 25 | 14 12 | 22 57 | 22 59 | 9 0 | 13 27 | 7 7 |
| S 16 | 0 38 | 23 58 3 | 10 7 21 | 1 2 | 15 12 | 0 23 | 4 6 | 0 32 | 5 32 | 1 4 | 17 18 | 2 16 | 7 26 | 0 34 | 13 10 | 1 46 | 20 25 | 14 12 | 22 57 | 23 0 | 8 57 | 13 27 | 7 7 |
| M17 | 1 1 | 24 59 2 | 11 7 11 | 1 13 | 14 56 | 0 18 | 4 22 | 0 32 | 5 27 | 1 4 | 17 17 | 2 16 | 7 27 | 0 34 | 13 11 | 1 46 | 20 24 | 14 12 | 22 58 | 23 0 | 8 54 | 13 28 | 7 6 |
| T 18 | 1 25 | 24 35 1 | 5 6 56 | 1 23 | 14 39 | 0 14 | 4 38 | 0 31 | 5 22 | 1 4 | 17 17 | 2 16 | 7 28 | 0 34 | 13 11 | 1 46 | 20 24 | 14 12 | 22 58 | 23 0 | 8 52 | 13 29 | 7 6 |
| W19 | 1 48 | 22 42 0s | 7 6 37 | 1 32 | 14 22 | 0 9 | 4 54 | 0 31 | 5 17 | 1 4 | 17 16 | 2 17 | 7 30 | 0 34 | 13 12 | 1 46 | 20 23 | 14 13 | 22 58 | 23 0 | 8 49 | 13 29 | 7 5 |
| T 20 | 2 12 | 19 24 1 | 21 6 15 | 1 39 | 14 4 | 0 5 | 5 10 | 0 30 | 5 12 | 1 4 | 17 15 | 2 17 | 7 31 | 0 34 | 13 13 | 1 46 | 20 22 | 14 13 | 22 58 | 23 1 | 8 46 | 13 30 | 7 5 |
| F 21 | 2 35 | 14 52 2 | 31 5 49 | 1 45 | 13 46 | 0 1 | 5 26 | 0 29 | 5 7 | 1 5 | 17 15 | 2 17 | 7 32 | 0 34 | 13 13 | 1 46 | 20 22 | 14 13 | 22 58 | 23 1 | 8 43 | 13 30 | 7 4 |
| S 22 | 2 59 | 9 22 3 | 32 5 21 | 1 50 | 13 28 | 0n 4 | 5 42 | 0 29 | 5 2 | 1 5 | 17 14 | 2 17 | 7 34 | 0 34 | 13 14 | 1 46 | 20 21 | 14 13 | 22 58 | 23 1 | 8 40 | 13 31 | 7 4 |
| S 23 | 3 22 | 3 17 4 | 20 4 49 | 1 53 | 13 9 | 0 8 | 5 58 | 0 28 | 4 57 | 1 5 | 17 13 | 2 17 | 7 35 | 0 34 | 13 14 | 1 46 | 20 21 | 14 14 | 22 59 | 23 2 | 8 37 | 13 32 | 7 3 |
| M24 | 3 46 | 3 s 1 4 | 50 4 15 | | 12 50 | 0 12 | 6 14 | 0 28 | 4 52 | 1 5 | 17 13 | 2 17 | 7 37 | 0 34 | 13 15 | 1 46 | 20 20 | 14 14 | 23 0 | 23 2 | 8 34 | 13 32 | 7 3 |
| T 25 | 4 9 | 9 7 5 | 0 3 40 | 1 57 | 12 30 | 0 16 | 6 30 | 0 27 | 4 47 | 1 5 | 17 12 | 2 17 | 7 38 | 0 34 | 13 16 | 1 46 | 20 20 | 14 14 | 23 1 | 23 2 | 8 32 | 13 33 | 7 2 |
| W26 | 4 32 | 14 36 4 | 50 3 2 | | 12 10 | 0 20 | 6 46 | 0 27 | 4 43 | 1 5 | 17 11 | 2 18 | 7 40 | 0 34 | 13 16 | 1 46 | 20 19 | 14 14 | 23 2 | 23 2 | 8 29 | 13 33 | 7 2 |
| T 27 | 4 56 | 19 8 4 | 22 2 23 | 1 58 | 11 49 | 0 24 | 7 2 | 0 26 | 4 38 | 1 5 | 17 10 | 2 18 | 7 41 | 0 34 | 13 17 | 1 46 | 20 19 | 14 15 | 23 3 | 23 3 | 8 26 | 13 34 | 7 1 |
| F 28 | 5 19 | 22 27 3 | 39 1 42 | 1 57 | 11 28 | 0 28 | 7 18 | 0 26 | 4 33 | 1 5 | 17 10 | 2 18 | 7 42 | 0 34 | 13 18 | 1 46 | 20 18 | 14 15 | 23 4 | 23 3 | 8 23 | 13 34 | 7 1 |
| S 29 | 5 42 | 24 23 2 | 45 1 (| 1 56 | 11 7 | 0 32 | 7 34 | 0 25 | 4 28 | 1 5 | 17 9 | 2 18 | 7 44 | 0 34 | 13 18 | 1 46 | 20 18 | 14 15 | 23 4 | 23 3 | 8 20 | 13 35 | 7 0 |
| S 30 | 6s 5 | 24 s55 1 s | 44 0n18 | 1n53 | 10n45 | 0n36 | 7 s49 | 0n25 | 4n23 | 1n 5 | 17n 8 | 2s18 | 7 s45 | 0n34 | 13 s 19 | 1n46 | 20n17 | 14n16 | 23 s 4 | 23 s 3 | 8s17 | 13 s35 | 7n 0 |

Julian Day Number = 2258218.5, Delta T = 05m51s

Ecliptic obliquity = $23^{\circ}30'32$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°21'19, Lahiri = 16°28'19 Julian Calendar 1 Sept. 1470 == Greg. Calendar 10 Sept. 1470

OCTOBER 1470 JC 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | o ⁷ | 4 | ħ |)ţ(| 并 | В | R | u | Ç | ķ | Day |
|--------------|--------------------|-------------------------------|------------------------|-------------------------|------------------------|--------------------------|----------------|------------------------|------------------------|-------------------------|--------------------------|----------------------|-----------------------|-----------------------|-------------------------|--------------|
| M 1 | 1 13 10 | 16 ₽ 24'36 | 3 る 22 | 5 ₾ 18 | 4 m/ 47 | 21 ≏ 38 | 21 m/41 | 26°R12 | 21 ≏ 12 | 10 M 27 | 11 m)49 | 10°R45 | 10 궁 53 | 29≈ 3 | 28 궁 53 | M 1 |
| T 2 | 1 17 7 | 17°24'13 | 15°37 | 7° 0 | 5°57 | 22°19 | 21°54 | 26 8 9 | 21°16 | 10°29 | 11°51 | 10 궁 45 | 10°50 | 29° 9 | 28°53 | T 2 |
| W 3 | 1 21 3 | 18°23'53 | 27°39 | 8°43 | 7° 7 | 22°59 | 22° 6 | 26° 5 | 21°20 | 10°31 | 11°53 | 10°44 | 10°47 | 29°16 | 28°54 | W 3 |
| T 4 | 1 25 0 | 19°23'34 | 9 ≈ 31 | 10°26 | 8°17 | 23°40 | 22°18 | 26° 2 | 21°23 | 10°34 | 11°54 | 10°43 | 10°44 | 29°23 | 28°54 | T 4 |
| F 5 | 1 28 56 | 20°23'16 | 21°20 | 12° 8 | 9°27 | 24°21 | 22°30 | 25°59 | 21°27 | 10°36 | 11°56 | 10°39 | 10°40 | 29°29 | 28°55 | F 5 |
| S 6 | 1 32 53 | 21°23'01 | 3 ∺ 11 | 13°51 | 10°37 | 25° 2 | 22°43 | 25°55 | 21°31 | 10°38 | 11°58 | 10°33 | 10°37 | 29°36 | 28°55 | S 6 |
| S 7 | 1 36 49 | 22°22'47 | 15° 6 | 15°33 | 11°48 | 25°43 | 22°55 | 25°51 | 21°35 | 10°40 | 12° 0 | 10°24 | 10°34 | 29°43 | 28°56 | S 7 |
| M 8 | 1 40 46 | 23°22'35 | 27° 9 | 17°15 | 12°58 | 26°23 | 23° 7 | 25°48 | 21°39 | 10°42 | 12° 1 | 10°12 | 10°31 | 29°50 | 28°56 | M 8 |
| T 9 | 1 44 43 | 24°22'25 | 9 Ƴ 23 | 18°56 | 14° 9 | 27° 4 | 23°19 | 25°44 | 21°42 | 10°44 | 12° 3 | 9°59 | 10°28 | 29°56 | 28°57 | T 9 |
| W10 | 1 48 39 | 25°22'17 | 21°48 | 20°38 | 15°19 | 27°45 | 23°31 | 25°40 | 21°46 | 10°46 | 12° 5 | 9°46 | 10°24 | 0 米 3 | 28°58 | W10 |
| T 11 | 1 52 36 | 26°22'11 | 4825 | 22°18 | 16°30 | 28°27 | 23°43 | 25°36 | 21°50 | 10°49 | 12° 7 | 9°33 | 10°21 | 0°10 | 28°58 | T 11 |
| F 12 | 1 56 32 | 27°22'07 | 17°13 | 23°59 | 17°41 | 29° 8 | 23°55 | 25°32 | 21°54 | 10°51 | 12° 8 | 9°22 | 10°18 | 0°16 | 28°59 | F 12 |
| S 13 | 2 0 29 | 28°22'05 | 0 Ⅱ 11 | 25°38 | 18°52 | 29°49 | 24° 6 | 25°28 | 21°57 | 10°53 | 12°10 | 9°14 | 10°15 | 0°23 | 29° 0 | S 13 |
| S 14 | 2 4 25 | 29°22'05 | 13°21 | 27°18 | 20° 4 | 0 M .30 | 24°18 | 25°24 | 22° 1 | 10°55 | 12°11 | 9° 8 | 10°12 | 0°30 | 29° 1 | S 14 |
| M15 | 2 8 22 | 0ML22'07 | 26°42 | 28°57 | 21°15 | 1°11 | 24°30 | 25°20 | 22° 5 | 10°58 | 12°13 | 9° 6 | 10° 9 | 0°36 | 29° 2 | M15 |
| T 16 | 2 12 18 | 1°22'11 | 109514 | 0 M .35 | 22°27 | 1°52 | 24°41 | 25°16 | 22° 9 | 11° 0 | 12°15 | 9°D 5 | 10° 5 | 0°43 | 29° 4 | T 16 |
| W17 | 2 16 15 | 2°22'18 | 23°58 | 2°13 | 23°38 | 2°34 | 24°53 | 25°11 | 22°12 | 11° 2 | 12°16 | 9° 5 | 10° 2 | 0°50 | 29° 5 | W17 |
| T 18 | 2 20 12 | 3°22'26 | 7 Ω 54 | 3°51 | 24°50 | 3°15 | 25° 4 | 25° 7 | 22°16 | 11° 4 | 12°18 | 9°R 5 | 9°59 | 0°56 | 29° 6 | T 18 |
| F 19 S 20 | 2 24 8 2 28 5 | 4°22'37 5°22'50 | 22° 4 6Mp26 | 5°28 7°4 | 26° 2 27°14 | 3°57 4°38 | 25°16 25°27 | 25° 3 24°58 | 22°20 22°23 | 11° 6 11° 9 | 12°19 12°21 | 9° 4 9° 1 | 9°56 9°53 | 1° 3 1°10 | 29° 8 29° 9 | F 19 S 20 |
| | | | • | | | | | | | | | | | | | |
| S 21 | 2 32 1 | 6°23'04 | 20°56 | 8°41 | 28°26 | 5°20 | 25°39 | 24°54 | 22°27 | 11°11 | 12°22 | 8°54 | 9°49 | 1°17 | 29°11 | S 21 |
| M22 | 2 35 58 | 7°23'21 | 5 ₾ 30 | 10°17 | 29°38 | 6° 1 | 25°50 | 24°49 | 22°31 | 11°13 | 12°23 | 8°46 | 9°46 | 1°23 | 29°12 | M22 |
| T 23 | 2 39 54 | 8°23'40 | 20° 1 | 11°52 | 0₽50 | 6°43 | 26° 1 | 24°45 | 22°35 | 11°15 | 12°25 | 8°36 | 9°43 | 1°30 | 29°14 | T 23 |
| W24 | 2 43 51 | 9°24'01 | 4M24 | 13°27 15° 2 | 2° 3 | 7°25 | 26°12 | 24°40 | 22°38 | 11°18 11°20 | 12°26 | 8°26 8°17 | 9°40 9°37 | 1°37 | 29°15 29°17 | W24 |
| T 25 F 26 | 2 47 47 2 51 44 | 10°24'23 11°24'47 | 18°30 2 √ 16 | 16°36 | 3°15 4°28 | 8° 6 8°48 | 26°23 26°34 | 24°35 24°30 | 22°42 22°45 | 11°20 | 12°28 12°29 | 8°17 8°10 | 9°37 9°34 | 1°43 1°50 | 29°17 29°19 | T 25 F 26 |
| S 27 | 2 51 44 2 55 41 | 11°24'47 12°25'13 | 15°39 | 18°11 | 5°40 | 9°30 | 26°45 | 24°30 24°26 | 22°43 22°49 | 11°24 | 12°29 | 8° 5 | 9°34 9°30 | 1°57 | 29°19 29°21 | S 27 |
| | | | | - | | | | | | | | | | | - | |
| S 28 | 2 59 37 | 13°25'41 | 28°37 | 19°44 | 6°53 | 10°12 | 26°56 | 24°21 | 22°53 | 11°27 | 12°31 | 8° 3 | 9°27 | 2° 3 | 29°23 | S 28 |
| M29 | 3 3 34 | 14°26'09 | 11중14 | 21°18 | 8° 6 | 10°54 | 27° 6 | 24°16 | 22°56 | 11°29 | 12°33 | 8°D 2 | 9°24 | 2°10 | 29°25 | M29 |
| T 30 W31 | 3 7 30 3 11 27 | 15°26'39 16 M 27'11 | 23°32 5 ≈ 35 | 22°51 24 M 24 | 9°19 10 ≏ 31 | 11°36 12 M .18 | 27°17 | 24°11 24 8 6 | 23° 0 23 º 3 | 11°31 11 M 33 | 12°34 12 m)35 | 8° 3 8 궁 4 | 9°21 9 ਰ 18 | 2°17 2) 23 | 29°27 29 る 29 | T 30 W31 |
| WSI | 3112/ | 101162/11 | <i>>≈</i> >> | Z4116Z4 | 10=431 | 1211618 | 27 m 27 | 240 0 | 23 =2 3 | 1111633 | 1211/33 | 80 4 | 9018 | 2 7 7.23 | 29029 | W31 |

| Day | 0 | Ź |) | ğ | | ς | 2 | ď | 1 | 2 | + | 1 | i i |)į | (| j | ŧ. | E | 2 | n | Ω | Ç | ķ | |
|------|--------|--------|------|--------|-------|---------|------|--------|------|------|------|-------|--------|-------|--------------|--------|------|-------|-------|--------|--------|-------|--------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl l | lat |
| M 1 | 6 s28 | 24s 7 | 0s39 | 0 s25 | 1n51 | 10n23 | 0n39 | 8s 5 | 0n24 | 4n18 | 1n 5 | 17n 7 | 2s18 | 7 s47 | 0n34 | 13 s20 | 1n46 | 20n17 | 14n16 | 23 s 4 | 23 s 4 | 8s14 | 13 s36 | 6n59 |
| T 2 | 6 51 | 22 10 | 0n26 | 1 9 | 1 47 | 10 1 | 0 43 | 8 21 | 0 24 | 4 14 | 1 5 | 17 6 | 2 18 | 7 48 | 0 34 | 13 20 | 1 45 | 20 16 | 14 16 | 23 4 | 23 4 | 8 12 | 13 36 | 6 59 |
| W 3 | 7 14 | 19 15 | 1 28 | 1 53 | 1 44 | 9 38 | 0 46 | 8 36 | 0 23 | 4 9 | 1 6 | 17 5 | | 7 49 | 0 34 | 13 21 | 1 45 | 20 16 | 14 16 | 23 4 | 23 4 | 8 9 | 13 37 | 6 58 |
| T 4 | | 15 34 | 2 26 | 2 37 | 1 39 | 9 15 | 0 50 | 8 52 | 0 22 | 4 4 | | 17 5 | | | | 13 22 | | 20 15 | | | 23 4 | | | 6 58 |
| F 5 | | 11 19 | 3 17 | - | 1 35 | 8 52 | | 9 8 | 0 22 | 3 59 | | | | 7 52 | | 13 22 | | 20 15 | | | 23 5 | | 13 37 | 6 57 |
| S 6 | 8 22 | 6 38 | 4 0 | 4 6 | 1 30 | 8 28 | 0 56 | 9 23 | 0 21 | 3 55 | 1 6 | 17 3 | 2 19 | 7 54 | 0 34 | 13 23 | 1 45 | 20 15 | 14 17 | 23 5 | 23 5 | 8 0 | 13 38 | 6 57 |
| S 7 | 8 44 | 1 42 | 4 32 | 4 50 | 1 25 | 8 4 | 0 59 | 9 39 | 0 21 | 3 50 | 1 6 | 17 2 | 2 19 | 7 55 | 0 33 | 13 24 | 1 45 | 20 14 | 14 18 | 23 6 | 23 5 | 7 57 | 13 38 | 6 56 |
| M 8 | 9 6 | 3n21 | 4 53 | 5 34 | 1 19 | 7 40 | 1 2 | 9 54 | 0 20 | 3 45 | 1 6 | 17 1 | 2 19 | 7 57 | 0 33 | 13 25 | 1 45 | 20 14 | 14 18 | 23 7 | 23 5 | 7 54 | 13 39 | 6 56 |
| T 9 | 9 28 | 8 20 | 5 1 | 6 18 | 1 14 | 7 16 | - | 10 9 | 0 20 | 3 41 | 1 6 | 17 0 | | | 0 33 | 13 25 | 1 45 | 20 14 | 14 19 | 23 8 | 23 6 | 7 52 | 13 39 | 6 55 |
| W10 | 9 50 | 13 4 | 4 54 | 7 2 | 1 8 | 6 51 | 1 8 | 10 25 | 0 19 | 3 36 | 1 6 | 16 59 | | 7 59 | 0 33 | 13 26 | 1 45 | 20 13 | 14 19 | 23 9 | 23 6 | | | 6 55 |
| T 11 | | 17 19 | 4 33 | 7 45 | 1 2 | 6 26 | | 10 40 | 0 18 | 3 31 | 1 7 | | | 8 1 | | 13 27 | | 20 13 | | | - | | | 6 54 |
| F 12 | | 20 50 | 3 58 | | 0 56 | 6 1 | | 10 55 | 0 18 | 3 27 | 1 7 | | | 8 2 | | 13 27 | | 20 13 | | | | | | 6 54 |
| S 13 | 10 55 | 23 21 | 3 11 | 9 11 | 0 49 | 5 35 | 1 16 | 11 10 | 0 17 | 3 22 | 1 7 | 16 56 | 2 19 | 8 4 | 0 33 | 13 28 | 1 45 | 20 12 | 14 20 | 23 11 | 23 7 | 7 40 | 13 40 | 6 53 |
| S 14 | 11 17 | 24 39 | 2 12 | 9 53 | 0 43 | 5 9 | 1 19 | 11 25 | 0 17 | 3 18 | 1 7 | 16 55 | 2 19 | 8 5 | 0 33 | 13 29 | 1 45 | 20 12 | 14 20 | 23 12 | 23 7 | 7 37 | 13 40 | 6 53 |
| M15 | 11 38 | 24 33 | 1 5 | 10 34 | 0 36 | 4 43 | | 11 40 | 0 16 | 3 13 | 1 7 | | | 8 6 | | 13 29 | | 20 12 | | | | , | | 6 52 |
| T 16 | 11 59 | - | | 11 15 | 0 30 | 4 17 | | 11 55 | 0 16 | | | | | | | 13 30 | | 20 12 | | | | | | 6 52 |
| W17 | 12 20 | | - | 11 55 | 0 23 | 3 51 | - | 12 10 | 0 15 | - | 1 7 | | | 8 9 | | 13 31 | | 20 11 | | | | | - | 6 51 |
| T 18 | | 15 58 | | 12 35 | 0 16 | 3 24 | | | 0 15 | 3 0 | | | | 8 11 | | 13 32 | | 20 11 | | | | | | 6 51 |
| F 19 | | 10 55 | | 13 14 | 0 10 | 2 58 | | 12 39 | 0 14 | 2 55 | | | | 8 12 | | 13 32 | | 20 11 | | | | | | 6 50 |
| S 20 | 13 21 | 5 12 | 4 16 | 13 52 | 0 3 | 2 31 | 1 32 | 12 54 | 0 13 | 2 51 | 1 8 | 16 48 | 2 20 | 8 13 | 0 33 | 13 33 | 1 45 | 20 11 | 14 23 | 23 12 | 23 8 | 7 20 | 13 42 | 6 50 |
| S 21 | 13 41 | 0 s49 | | 14 30 | 0s 4 | 2 4 | | 13 8 | 0 13 | 2 46 | 1 8 | | | 8 15 | | 13 34 | | 20 10 | | | | | 13 42 | 6 49 |
| M22 | 14 1 | 6 50 | | 15 7 | 0 10 | 1 37 | | 13 22 | 0 12 | 2 42 | 1 8 | | | 8 16 | | 13 34 | | 20 10 | | | | | 13 42 | 6 49 |
| T 23 | 14 21 | - | | 15 43 | 0 17 | 1 9 | | 13 37 | 0 12 | | 1 8 | | | 8 17 | | 13 35 | | 20 10 | | | | | 13 42 | 6 48 |
| W24 | | 17 19 | | 16 18 | 0 24 | 0 42 | | 13 51 | 0 11 | | | | | 8 19 | | 13 36 | | 20 10 | | | | | 13 43 | 6 48 |
| T 25 | 14 59 | | | 16 52 | 0 30 | 0 15 | | 14 5 | 0 10 | - | 1 8 | | | 8 20 | | 13 36 | | | | | 23 10 | | 13 43 | 6 48 |
| F 26 | | 23 36 | | 17 26 | 0 37 | 0s13 | | 14 19 | 0 10 | | 1 9 | | | 8 22 | | 13 37 | | | | | 23 10 | | 13 43 | 6 47 |
| S 27 | 15 37 | 24 40 | 1 57 | 17 59 | 0 43 | 0 41 | 1 44 | 14 33 | 0 9 | 2 21 | 1 9 | 16 40 | 2 20 | 8 23 | 0 33 | 13 38 | 1 45 | 20 10 | 14 26 | 23 16 | 23 10 | 7 0 | 13 43 | 6 47 |
| S 28 | | 24 20 | | 18 31 | 0 49 | 1 8 | - | 14 47 | 0 9 | 2 17 | | 16 39 | | - | | 13 38 | | | | | 23 10 | | 13 43 | 6 46 |
| M29 | | 22 45 | 0n17 | | 0 56 | | | | 0 8 | 2 13 | | | | | | 13 39 | | | | | 23 10 | | 13 43 | 6 46 |
| T 30 | | 20 6 | | 19 32 | 1 2 | 2 4 | | 15 14 | 0 8 | 2 9 | | 16 37 | | - | | 13 40 | | | | | 23 11 | | 13 43 | 6 45 |
| W31 | 16 s48 | 16 s37 | 2n23 | 20 s 1 | 1 s 8 | 2 s 3 1 | 1n48 | 15 s28 | 0n 7 | 2n 4 | 1n 9 | 16n36 | 2 s20 | 8 s28 | 0n33 | 13 s41 | 1n45 | 20n 9 | 14n28 | 23 s16 | 23 s11 | 6 s48 | 13 s43 | 6n45 |

Julian Day Number = 2258248.5, Delta T = 05m51s

Ecliptic obliquity = $23^{\circ}30'31$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = $17^{\circ}21'23$, Lahiri = $16^{\circ}28'23$ Julian Calendar 1 Oct. 1470 =Greg. Calendar 10 Oct. 1470 =Greg. 1470 =Greg.

NOVEMBER 1470 JC 00:00 UT

| Day | Sid.t | 0 | D | ğ | φ | ð | 4 | ħ |)∤(| 卉 | Р | រា | v | Ç | Ŗ | Day |
|------|---------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|---------------|---------------|-----------------|----------------|------|
| T 1 | 3 15 23 | 17 ጤ 27'44 | 17≈30 | 25 M 57 | 11 ≏ 44 | 13 M 0 | 27 m 38 | 24°R 2 | 23 <u>•</u> 7 | 11 M .36 | 12 m /36 | 8°R 5 | 9 ට 15 | 2) (30 | 29 궁 32 | T 1 |
| F 2 | 3 19 20 | 18°28'17 | 29°20 | 27°30 | 12°57 | 13°42 | 27°48 | 23 8 57 | 23°10 | 11°38 | 12°37 | 8중 4 | 9°11 | 2°37 | 29°34 | F 2 |
| S 3 | 3 23 16 | 19°28'53 | 11 米 12 | 29° 2 | 14°11 | 14°24 | 27°58 | 23°52 | 23°14 | 11°40 | 12°38 | 8° 1 | 9° 8 | 2°44 | 29°36 | S 3 |
| S 4 | 3 27 13 | 20°29'29 | 23° 9 | 0 ∡ 34 | 15°24 | 15° 6 | 28° 9 | 23°47 | 23°17 | 11°42 | 12°39 | 7°56 | 9° 5 | 2°50 | 29°39 | S 4 |
| M 5 | 3 31 10 | 21°30'07 | 5 ℃ 17 | 2° 6 | 16°37 | 15°48 | 28°19 | 23°42 | 23°21 | 11°45 | 12°41 | 7°50 | 9° 2 | 2°57 | 29°41 | M 5 |
| T 6 | 3 35 6 | 22°30'46 | 17°38 | 3°38 | 17°50 | 16°31 | 28°29 | 23°37 | 23°24 | 11°47 | 12°42 | 7°42 | 8°59 | 3° 4 | 29°44 | T 6 |
| W 7 | 3 39 3 | 23°31'26 | 0814 | 5° 9 | 19° 4 | 17°13 | 28°38 | 23°32 | 23°28 | 11°49 | 12°42 | 7°33 | 8°55 | 3°10 | 29°46 | W 7 |
| T 8 | 3 42 59 | 24°32'07 | 13° 6 | 6°41 | 20°17 | 17°55 | 28°48 | 23°27 | 23°31 | 11°51 | 12°43 | 7°25 | 8°52 | 3°17 | 29°49 | T 8 |
| F 9 | 3 46 56 | 25°32'50 | 26°13 | 8°12 | 21°31 | 18°38 | 28°58 | 23°22 | 23°34 | 11°54 | 12°44 | 7°19 | 8°49 | 3°24 | 29°52 | F 9 |
| S 10 | 3 50 52 | 26°33'34 | 9 Ⅱ 35 | 9°42 | 22°44 | 19°20 | 29° 7 | 23°17 | 23°38 | 11°56 | 12°45 | 7°14 | 8°46 | 3°30 | 29°54 | S 10 |
| S 11 | 3 54 49 | 27°34'20 | 23°10 | 11°13 | 23°58 | 20° 3 | 29°17 | 23°12 | 23°41 | 11°58 | 12°46 | 7°11 | 8°43 | 3°37 | 29°57 | S 11 |
| M12 | 3 58 45 | 28°35'07 | 6954 | 12°43 | 25°12 | 20°45 | 29°26 | 23° 8 | 23°44 | 12° 0 | 12°47 | 7°D10 | 8°40 | 3°44 | 0≈ 0 | M12 |
| T 13 | 4 2 42 | 29°35'55 | 20°47 | 14°13 | 26°26 | 21°28 | 29°36 | 23° 3 | 23°48 | 12° 2 | 12°48 | 7°10 | 8°36 | 3°51 | 0° 3 | T 13 |
| W14 | 4 6 39 | 0 ∡ 36'45 | 4Ω47 | 15°42 | 27°39 | 22°10 | 29°45 | 22°58 | 23°51 | 12° 4 | 12°48 | 7°12 | 8°33 | 3°57 | 0° 6 | W14 |
| T 15 | 4 10 35 | 1°37'37 | 18°51 | 17°12 | 28°53 | 22°53 | 29°54 | 22°53 | 23°54 | 12° 7 | 12°49 | 7°13 | 8°30 | 4° 4 | 0° 9 | T 15 |
| F 16 | 4 14 32 | 2°38'29 | 2 m 59 | 18°40 | 0 M 7 | 23°36 | 0 ত 3 | 22°48 | 23°57 | 12° 9 | 12°50 | 7°R14 | 8°27 | 4°11 | 0°12 | F 16 |
| S 17 | 4 18 28 | 3°39'23 | 17° 9 | 20° 8 | 1°21 | 24°19 | 0°11 | 22°43 | 24° 0 | 12°11 | 12°51 | 7°13 | 8°24 | 4°17 | 0°15 | S 17 |
| S 18 | 4 22 25 | 4°40'19 | 1 ≏ 20 | 21°36 | 2°35 | 25° 1 | 0°20 | 22°38 | 24° 3 | 12°13 | 12°51 | 7°11 | 8°21 | 4°24 | 0°18 | S 18 |
| M19 | 4 26 21 | 5°41'16 | 15°28 | 23° 3 | 3°49 | 25°44 | 0°29 | 22°34 | 24° 6 | 12°15 | 12°52 | 7° 7 | 8°17 | 4°31 | 0°22 | M19 |
| T 20 | 4 30 18 | 6°42'14 | 29°30 | 24°29 | 5° 3 | 26°27 | 0°37 | 22°29 | 24°10 | 12°17 | 12°52 | 7° 2 | 8°14 | 4°37 | 0°25 | T 20 |
| W21 | 4 34 14 | 7°43'13 | 13 M 24 | 25°53 | 6°18 | 27°10 | 0°45 | 22°24 | 24°13 | 12°19 | 12°53 | 6°58 | 8°11 | 4°44 | 0°28 | W21 |
| T 22 | 4 38 11 | 8°44'13 | 27° 4 | 27°17 | 7°32 | 27°53 | 0°54 | 22°20 | 24°16 | 12°21 | 12°53 | 6°53 | 8° 8 | 4°51 | 0°32 | T 22 |
| F 23 | 4 42 8 | 9°45'15 | 10 ₮ 30 | 28°40 | 8°46 | 28°36 | 1° 2 | 22°15 | 24°18 | 12°23 | 12°54 | 6°50 | 8° 5 | 4°58 | 0°35 | F 23 |
| S 24 | 4 46 4 | 10°46'17 | 23°38 | 0중 0 | 10° 0 | 29°20 | 1°10 | 22°11 | 24°21 | 12°25 | 12°54 | 6°48 | 8° 1 | 5° 4 | 0°39 | S 24 |
| S 25 | 4 50 1 | 11°47'20 | 6 ප 27 | 1°19 | 11°15 | 0 ≯ 3 | 1°18 | 22° 6 | 24°24 | 12°28 | 12°55 | 6°D47 | 7°58 | 5°11 | 0°42 | S 25 |
| M26 | 4 53 57 | 12°48'24 | 19° 0 | 2°36 | 12°29 | 0°46 | 1°25 | 22° 2 | 24°27 | 12°30 | 12°55 | 6°47 | 7°55 | 5°18 | 0°46 | M26 |
| T 27 | 4 57 54 | 13°49'29 | 1≈16 | 3°50 | 13°43 | 1°29 | 1°33 | 21°57 | 24°30 | 12°32 | 12°55 | 6°49 | 7°52 | 5°24 | 0°50 | T 27 |
| W28 | 5 1 50 | 14°50'33 | 13°20 | 5° 1 | 14°58 | 2°13 | 1°40 | 21°53 | 24°33 | 12°34 | 12°56 | 6°51 | 7°49 | 5°31 | 0°53 | W28 |
| T 29 | 5 5 47 | 15°51'39 | 25°16 | 6° 9 | 16°12 | 2°56 | 1°47 | 21°49 | 24°35 | 12°35 | 12°56 | 6°52 | 7°46 | 5°38 | 0°57 | T 29 |
| F 30 | 5 9 44 | 16 × 752'44 | 7) € 7 | 7 云 13 | 17 M 27 | 3 , ₹39 | 1 ≏ 55 | 21844 | 24 ₾ 38 | 12 M 37 | 12 m 56 | 6 ප 53 | 7 云 42 | 5) (44 | 1≈ 1 | F 30 |

| Day | 0 | Ş |) | ζ | 5 | ς | 2 | ď | ٦ | 2 | ļ | ŧ | ì |)į | ξ(| j | ŧ. | E | 2 | រា | v | Ç | ķ | |
|-------------|-----------------|----------------|-------|-----------------|---------|-----------------|--------|-----------------|--------------|--------------|-------|----------------|-------|--------------|-------|----------------|-------|--------|--------|--------|-----------------|-------|------------------|--------------|
| | 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 | 17s 6 | 12 s31 | 3n16 | 20 s29 | 1 s 1 4 | 2 s 5 9 | 1n49 | 15 s41 | 0n 6 | 2n 0 | 1n10 | 16n35 | 2 s20 | 8 s29 | 0n34 | 13 s41 | 1n45 | 20n 9 | 14n28 | 23 s16 | 23 s11 | 6 s46 | 13 s43 | 6n44 |
| F 2 | 17 22 | | | 20 57 | 1 19 | 3 27 | | 15 54 | 0 6 | 1 57 | | 16 34 | | 8 31 | | 13 42 | | | | | 23 11 | | 13 43 | 6 44 |
| S 3 | 17 39 | 3 9 | 4 35 | 21 23 | 1 25 | 3 55 | 1 50 | 16 7 | 0 5 | 1 53 | 1 10 | 16 32 | 2 20 | 8 32 | 0 34 | 13 43 | 1 45 | 20 9 | 14 29 | 23 16 | 23 12 | 6 40 | 13 43 | 6 43 |
| S 4 | 17 55 | 1n50 | 4 58 | 21 48 | 1 30 | 4 23 | 1 51 | 16 20 | 0 5 | 1 49 | 1 10 | 16 31 | 2 19 | 8 33 | 0 34 | 13 43 | 1 45 | 20 9 | 14 29 | 23 16 | 23 12 | 6 37 | 13 43 | 6 43 |
| M 5 | 18 11 | 6 48 | 5 8 | 22 12 | 1 35 | 4 50 | 1 51 | 16 33 | 0 4 | 1 45 | 1 10 | 16 30 | 2 19 | 8 35 | 0 34 | 13 44 | 1 45 | 20 9 | 14 30 | 23 17 | 23 12 | 6 34 | 13 43 | 6 42 |
| T 6 | 18 27 | 11 36 | 5 3 | 22 35 | 1 41 | 5 18 | 1 52 | 16 46 | 0 3 | 1 41 | 1 10 | 16 29 | 2 19 | 8 36 | 0 34 | 13 45 | 1 45 | 20 9 | 14 30 | 23 17 | 23 12 | 6 31 | 13 43 | 6 42 |
| W 7 | 18 42 | - | | 22 57 | 1 45 | 5 45 | | 16 59 | 0 3 | 1 37 | | 16 28 | | 8 37 | | 13 45 | | | | | 23 12 | | 13 43 | 6 42 |
| T 8 | | 19 48 | | 23 18 | 1 50 | 6 13 | | | 0 2 | | | 16 27 | | 8 38 | | 13 46 | | | | | 23 13 | | 13 43 | 6 41 |
| F 9 | - | 22 39 | - | 23 37 | 1 54 | 6 40 | | | 0 2 | | | 16 25 | | 8 40 | | 13 47 | | | | | 23 13 | | 13 42 | 6 41 |
| S 10 | 19 27 | 24 19 | 2 24 | 23 55 | 1 58 | 7 8 | 1 53 | 17 36 | 0 1 | 1 26 | 1 11 | 16 24 | 2 19 | 8 41 | 0 34 | 13 47 | 1 45 | 20 10 | 14 32 | 23 19 | 23 13 | 6 20 | 13 42 | 6 40 |
| S 11 | 19 40 | 24 35 | 1 15 | 24 12 | 2 2 | 7 35 | 1 52 | 17 48 | 0 0 | 1 23 | 1 11 | 16 23 | 2 19 | 8 42 | 0 34 | 13 48 | 1 45 | 20 10 | 14 33 | 23 19 | 23 13 | 6 17 | 13 42 | 6 40 |
| M12 | | 23 21 | | 24 28 | 2 6 | 8 2 | | 18 0 | 0s 0 | - | | 16 22 | | 8 43 | | 13 49 | | | | | 23 13 | - | 13 42 | 6 39 |
| T 13 | | 20 41 | | 24 42 | | 8 29 | | 18 12 | 0 1 | 1 16 | | 16 21 | 2 19 | 8 44 | | 13 49 | | | | | 23 14 | | 13 42 | 6 39 |
| W14 | | 16 47 | | 24 56 | 2 12 | 8 56 | | 18 23 | 0 2 | 1 12 | | 16 20 | | 8 46 | | 13 50 | | | | | 23 14 | 6 8 | | 6 39 |
| T 15 | | 11 55 | 3 28 | | 2 15 | 9 22 | | 18 35 | 0 2 | 1 9 | | 16 19 | | 8 47 | | 13 51 | | | | | 23 14 | 6 5 | | 6 38 |
| F 16 | 20 45 | | 4 18 | | | 9 49 | | 18 46 | 0 3 | | | 16 18 | | 8 48 | | 13 51 | | | | | 23 14 | | 13 41 | 6 38 |
| S 17 | 20 57 | 0 35 | 4 53 | 25 27 | 2 19 | 10 15 | 1 51 | 18 57 | 0 3 | 1 2 | 1 13 | 16 16 | 2 18 | 8 49 | 0 34 | 13 52 | | | | | 23 14 | | 13 41 | 6 37 |
| S 18 | 21 8 | | | 25 34 | | 10 41 | 1 50 | | 0 4 | 0 59 | | 16 15 | | | | 13 52 | | | | | 23 15 | | 13 40 | 6 37 |
| M19 | 21 19 | | - | 25 40 | | 11 7 | | 19 19 | 0 5 | 0 55 | - | - | - | 8 51 | | 13 53 | | | | | 23 15 | | 13 40 | 6 37 |
| T 20 | - | 15 49 | | 25 45 | | 11 32 | | 19 30 | 0 5 | 0 52 | | 16 13 | | 8 52 | | 13 54 | | | | | 23 15 | | 13 40 | 6 36 |
| W21 T 22 | - | 19 54 | | 25 48 | | 11 58 | | 19 41 | 0 6 | 0 49 | | 16 12 | | 8 54 | | 13 54 | | | | | 23 15 | | 13 40 | 6 36 |
| F 23 | | 22 49 24 23 | | 25 49 25 49 | | 12 23 12 48 | | 19 51 | 0 6 0 7 | 0 46 0 43 | | 16 11 16 10 | | 8 55 8 56 | | 13 55 13 55 | | | | | 23 15 23 16 | | 13 39 13 39 | 6 36 6 35 |
| S 24 | | 24 23 | | 25 48 | | 13 12 | | 20 11 | 0 / | 0 40 | | | | | | 13 56 | | | | | 23 16 | | 13 38 | 6 35 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| S 25 | | 23 23 | | 25 45 | | 13 36 | | 20 21 | 0 8 | 0 37 | 1 14 | | | 8 58 | | 13 57 | | | | | 23 16 | | 13 38 | 6 34 |
| M26 | 22 24 | - | | 25 41 | | 14 0 | | 20 31 | 0 9 | 0 34 | 1 14 | | | | | 13 57 | | | | | 23 16 | | 13 38 | 6 34 |
| T 27 | _ | 17 48 | | 25 35 | | 14 24 | | 20 40 | 0 10 | 0 32 | 1 15 | | | 9 0 | | 13 58 | | | | | 23 16 | | 13 37 | 6 34 |
| W28 T 29 | | 13 52 | - | 25 27 | | 14 47 | | 20 50 | 0 10 | 0 29 | 1 15 | | | | | 13 58 | | | | | 23 17 | | 13 37 | 6 33 |
| F 30 | 22 45 22 s52 | | | 25 18 25 s 8 | | 15 10 15 s32 | | 20 59 21 s 8 | 0 11 0s11 | 0 26 0n23 | 1 15 | 16 4 16n 3 | | 9 2 9s 3 | | 13 59 14s 0 | | | | | 23 17 23 s17 | | 13 36 13 s 36 | 6 33 6n33 |
| 1. 30 | 22832 | 4 84 1 | 41134 | 238 8 | 1830 | 13832 | 1113 / | ∠18 δ | 0811 | 01123 | 11113 | 1011 3 | 2810 | 98 3 | 01134 | 148 0 | 11140 | 201113 | 141143 | 23 S2U | 2381/ | 3822 | 13830 | 01133 |

Julian Day Number = 2258279.5, Delta T = 05m51s

Ecliptic obliquity = 23°30'30, Nutation = 0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 17°21'27, Lahiri = 16°28'27 Julian Calendar 1 Nov. 1470 == Greg. Calendar 10 Nov. 1470

DECEMBER 1470 JC 00:00 UT

| | | , , , , , , | | | | | | | | | | | | | | |
|------|---------|--------------------|----------------|-----------------------------|-----------------|----------------|---------------|--------|----------------|----------------|----------------|---------------|---------------|---------------|------|------|
| Day | Sid.t | 0 | D | ğ | φ | ď | 4 | ħ |)∤(| 并 | Р | រា | ß | Ç | ķ | Day |
| S 1 | 5 13 40 | 17 ×7 53'50 | 18 米 59 | 8 궁 12 | 18 M .41 | 4 ₹ 23 | 2 º 2 | 21°R40 | 24 ₽ 41 | 12 M 39 | 12 m 56 | 6°R54 | 7 云 39 | 5 ¥ 51 | 1≈ 5 | S 1 |
| S 2 | 5 17 37 | 18°54'57 | 0 Υ 56 | 9° 5 | 19°56 | 5° 6 | 2° 8 | 21836 | 24°43 | 12°41 | 12°57 | 6 ප 53 | 7°36 | 5°58 | 1°8 | S 2 |
| M 3 | 5 21 33 | 19°56'03 | 13° 4 | 9°53 | 21°10 | 5°50 | 2°15 | 21°32 | 24°46 | 12°43 | 12°57 | 6°52 | 7°33 | 6° 5 | 1°12 | M 3 |
| T 4 | 5 25 30 | 20°57'10 | 25°26 | 10°34 | 22°25 | 6°33 | 2°22 | 21°28 | 24°48 | 12°45 | 12°57 | 6°50 | 7°30 | 6°11 | 1°16 | T 4 |
| W 5 | 5 29 26 | 21°58'18 | 8 8 6 | 11° 7 | 23°39 | 7°17 | 2°28 | 21°24 | 24°51 | 12°47 | 12°57 | 6°48 | 7°27 | 6°18 | 1°20 | W 5 |
| T 6 | 5 33 23 | 22°59'25 | 21° 6 | 11°31 | 24°54 | 8° 1 | 2°34 | 21°20 | 24°53 | 12°49 | 12°57 | 6°45 | 7°23 | 6°25 | 1°24 | T 6 |
| F 7 | 5 37 19 | 24° 0'33 | 4 Ⅱ 27 | 11°46 | 26° 9 | 8°44 | 2°40 | 21°17 | 24°56 | 12°51 | 12°R57 | 6°44 | 7°20 | 6°31 | 1°28 | F 7 |
| S 8 | 5 41 16 | 25° 1'41 | 18° 8 | 11°R51 | 27°23 | 9°28 | 2°46 | 21°13 | 24°58 | 12°52 | 12°57 | 6°42 | 7°17 | 6°38 | 1°32 | S 8 |
| S 9 | 5 45 13 | 26° 2'50 | 295 7 | 11°44 | 28°38 | 10°12 | 2°52 | 21° 9 | 25° 0 | 12°54 | 12°57 | 6°D42 | 7°14 | 6°45 | 1°36 | S 9 |
| M10 | 5 49 9 | 27° 3'58 | 16°20 | 11°26 | 29°53 | 10°56 | 2°58 | 21° 6 | 25° 2 | 12°56 | 12°57 | 6°42 | 7°11 | 6°52 | 1°41 | M10 |
| T 11 | 5 53 6 | 28° 5'07 | 0 Ω 43 | 10°56 | 1 √ 7 | 11°40 | 3° 3 | 21° 2 | 25° 5 | 12°58 | 12°57 | 6°43 | 7° 7 | 6°58 | 1°45 | T 11 |
| W12 | 5 57 2 | 29° 6'17 | 15°10 | 10°14 | 2°22 | 12°24 | 3° 9 | 20°59 | 25° 7 | 12°59 | 12°57 | 6°43 | 7° 4 | 7° 5 | 1°49 | W12 |
| T 13 | 6 0 59 | 0중 7'27 | 29°36 | 9°21 | 3°37 | 13° 7 | 3°14 | 20°56 | 25° 9 | 13° 1 | 12°56 | 6°44 | 7° 1 | 7°12 | 1°53 | T 13 |
| F 14 | 6 4 55 | 1° 8'37 | 13 m 57 | 8°19 | 4°52 | 13°52 | 3°19 | 20°53 | 25°11 | 13° 3 | 12°56 | 6°44 | 6°58 | 7°18 | 1°57 | F 14 |
| S 15 | 6 8 52 | 2° 9'47 | 28°10 | 7° 8 | 6° 6 | 14°36 | 3°24 | 20°50 | 25°13 | 13° 4 | 12°56 | 6°R45 | 6°55 | 7°25 | 2° 2 | S 15 |
| S 16 | 6 12 48 | 3°10'58 | 12 ≏ 14 | 5°51 | 7°21 | 15°20 | 3°28 | 20°47 | 25°15 | 13° 6 | 12°56 | 6°45 | 6°52 | 7°32 | 2° 6 | S 16 |
| M17 | 6 16 45 | 4°12'09 | 26° 5 | 4°30 | 8°36 | 16° 4 | 3°33 | 20°44 | 25°17 | 13° 8 | 12°55 | 6°44 | 6°48 | 7°38 | 2°10 | M17 |
| T 18 | 6 20 42 | 5°13'21 | 9 M .44 | 3° 9 | 9°51 | 16°48 | 3°37 | 20°41 | 25°19 | 13° 9 | 12°55 | 6°44 | 6°45 | 7°45 | 2°15 | T 18 |
| W19 | 6 24 38 | 6°14'33 | 23°10 | 1°50 | 11° 6 | 17°32 | 3°42 | 20°38 | 25°21 | 13°11 | 12°55 | 6°D44 | 6°42 | 7°52 | 2°19 | W19 |
| T 20 | 6 28 35 | 7°15'45 | 6 ₹ 24 | 0°34 | 12°21 | 18°17 | 3°46 | 20°36 | 25°22 | 13°12 | 12°54 | 6°44 | 6°39 | 7°59 | 2°24 | T 20 |
| F 21 | 6 32 31 | 8°16'57 | 19°23 | 29 × ⁷ 25 | 13°36 | 19° 1 | 3°49 | 20°33 | 25°24 | 13°14 | 12°54 | 6°44 | 6°36 | 8° 5 | 2°28 | F 21 |
| S 22 | 6 36 28 | 9°18'09 | 2 궁 10 | 28°24 | 14°50 | 19°45 | 3°53 | 20°31 | 25°26 | 13°15 | 12°53 | 6°R44 | 6°33 | 8°12 | 2°33 | S 22 |
| S 23 | 6 40 24 | 10°19'20 | 14°44 | 27°32 | 16° 5 | 20°30 | 3°57 | 20°28 | 25°27 | 13°17 | 12°53 | 6°44 | 6°29 | 8°19 | 2°37 | S 23 |
| M24 | 6 44 21 | 11°20'32 | 27° 5 | 26°49 | 17°20 | 21°14 | 4° 0 | 20°26 | 25°29 | 13°18 | 12°52 | 6°44 | 6°26 | 8°25 | 2°42 | M24 |
| T 25 | 6 48 17 | 12°21'43 | 9≈16 | 26°16 | 18°35 | 21°59 | 4° 3 | 20°24 | 25°31 | 13°19 | 12°52 | 6°44 | 6°23 | 8°32 | 2°46 | T 25 |
| W26 | 6 52 14 | 13°22'53 | 21°17 | 25°54 | 19°50 | 22°43 | 4° 6 | 20°22 | 25°32 | 13°21 | 12°51 | 6°43 | 6°20 | 8°39 | 2°51 | W26 |
| T 27 | 6 56 11 | 14°24'03 | 3 ∺ 12 | 25°41 | 21° 5 | 23°28 | 4° 9 | 20°20 | 25°33 | 13°22 | 12°50 | 6°42 | 6°17 | 8°46 | 2°55 | T 27 |
| F 28 | 7 0 7 | 15°25'13 | 15° 3 | 25°D36 | 22°20 | 24°12 | 4°11 | 20°18 | 25°35 | 13°23 | 12°50 | 6°40 | 6°13 | 8°52 | 3° 0 | F 28 |
| S 29 | 7 4 4 | 16°26'22 | 26°54 | 25°41 | 23°35 | 24°57 | 4°14 | 20°17 | 25°36 | 13°25 | 12°49 | 6°39 | 6°10 | 8°59 | 3° 5 | S 29 |
| S 30 | 7 8 0 | 17°27'29 | 8 Y 50 | 25°53 | 24°50 | 25°42 | 4°16 | 20°15 | 25°37 | 13°26 | 12°48 | 6°39 | 6° 7 | 9° 6 | 3° 9 | S 30 |
| M31 | 7 11 57 | 18 궁 28'37 | 20 Y 54 | 26 ₹ 13 | 26 ₹ 5 | 26 ₹ 26 | 4 ₽ 18 | 20814 | 25 ₾ 39 | 13 M 27 | 12 M 47 | 6°D39 | 6 ප 4 | 9 ∺ 12 | 3≈14 | M31 |

| Day | 0 | D | | ğ | 5 | ç | | C | ? | 2 | + | ŧ | ì |) | f(| 4 | 7 | E | 2 | n | Ω | Ç | ķ | ; |
|-------------|----------------|---------|-------------|----------------|--------------|----------------|------|----------------|--------------|--------------|--------------|---------------|--------------|--------------|------|----------------|--------------|----------------|-------|--------|--------|-------|----------------|--------------|
| | decl | decl la | nt | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 22 s57 | 0n14 | 5n 1 | 24s57 | 1 s42 | 15 s54 | 1n35 | 21 s17 | 0s12 | 0n21 | 1n16 | 16n 2 | 2s16 | 9s 4 | 0n34 | 14s 0 | 1n46 | 20n15 | 14n43 | 23 s20 | 23 s17 | 5s19 | 13 s35 | 6n32 |
| S 2 | 23 3 | 5 10 | 5 14 | 24 44 | 1 33 | 16 16 | 1 34 | 21 25 | 0 13 | 0 18 | 1 16 | 16 2 | 2 16 | 9 5 | 0 34 | 14 1 | 1 46 | 20 16 | 14 44 | 23 20 | 23 17 | 5 16 | 13 35 | 6 32 |
| M 3 | 23 8 | | | 24 31 | 1 23 | | | 21 34 | | 0 16 | 1 16 | | 2 16 | | | | | 20 16 | | | | | 13 34 | 6 32 |
| T 4 | 23 12 23 16 | | | 24 16 24 1 | 1 11 0 59 | | | 21 42 21 50 | 0 14 0 15 | 0 14 0 11 | 1 16 | 16 0 15 59 | 2 16 2 15 | 9 6 9 7 | | | 1 46 1 46 | | | | | | 13 34 13 33 | 6 32 6 31 |
| T 6 | | | | 23 45 | | 17 19 | | 21 57 | 0 15 | 0 11 | | 15 58 | 2 15 | 9 8 | | | | 20 17 | | | | | 13 33 | 6 31 |
| F 7 | | - | | 23 29 | 0 30 | | 1 25 | | 0 16 | 0 7 | | 15 58 | 2 15 | 9 9 | | | | 20 18 | | | | | 13 32 | 6 31 |
| S 8 | 23 25 | 24 39 | 1 41 | 23 12 | 0 13 | 18 17 | 1 23 | 22 12 | 0 17 | 0 5 | 1 17 | 15 57 | 2 15 | 9 10 | 0 34 | 14 4 | 1 46 | 20 18 | 14 47 | 23 20 | 23 18 | 4 59 | 13 31 | 6 30 |
| S 9 | 23 27 | | - | 22 55 | | 18 36 | | 22 20 | 0 17 | 0 2 | - | 15 56 | - | 9 11 | | 14 4 | | 20 19 | | | | | 13 31 | 6 30 |
| M10 | | | | 22 38 | 0 23 | | | 22 26 | 0 18 | 0 0 | 1 18 | | 2 14 | | | | | 20 19 | | | | | 13 30 | 6 30 |
| T 11 W12 | | | 2 9 3 18 | 22 22 22 5 | 0 42 | | | 22 33 22 40 | 0 18 0 19 | 0s 2 0 3 | 1 18 1 18 | | 2 14 2 14 | | | | | 20 20 20 20 | | | | | 13 30 13 29 | 6 30 6 29 |
| T 13 | 23 30 | | | 21 49 | 1 21 | | 1 12 | | 0 20 | 0 5 | 1 19 | | 2 14 | | | | | 20 21 | | | | | 13 28 | 6 29 |
| F 14 | 23 30 | 1 50 | 4 53 | 21 34 | 1 41 | 20 1 | | 22 52 | 0 20 | 0 7 | 1 19 | 15 53 | 2 13 | 9 15 | | 14 7 | | 20 21 | | | | 4 42 | 13 28 | 6 29 |
| S 15 | 23 29 | 4s 4 | 5 14 | 21 20 | 1 59 | 20 16 | 1 8 | 22 58 | 0 21 | 0 9 | 1 19 | 15 52 | 2 13 | 9 15 | 0 34 | 14 7 | 1 46 | 20 22 | 14 50 | 23 20 | 23 20 | 4 39 | 13 27 | 6 29 |
| S 16 | 23 28 | - | 5 16 | - | | 20 31 | 1 6 | | | 0 10 | | 15 52 | 2 13 | 9 16 | | | | 20 23 | | | | | 13 26 | 6 28 |
| M17 T 18 | 23 26 23 24 | - | | 20 53 | 2 33 | | 1 3 | - | 0 22 0 23 | 0 12 | 1 20 1 20 | | 2 13 2 12 | 9 17 | | - | | 20 23 | | | | | 13 25 13 25 | 6 28 6 28 |
| W19 | - | | | 20 42 20 32 | | 20 59 21 12 | | 23 14 23 19 | 0 23 | 0 13 0 15 | 1 20 | | 2 12 | 9 17 9 18 | | - | | 20 24 20 24 | | | | | 13 23 | 6 28 |
| T 20 | 23 19 | | | 20 24 | | 21 25 | | 23 23 | 0 24 | 0 16 | 1 20 | | 2 12 | 9 19 | | | | 20 25 | | | | | 13 23 | 6 28 |
| F 21 | | | | 20 18 | | 21 36 | | 23 28 | 0 25 | 0 17 | 1 21 | | 2 12 | 9 19 | | 14 10 | | 20 26 | | | | | 13 22 | 6 27 |
| S 22 | 23 11 | 23 55 | 0 25 | 20 14 | 3 16 | 21 48 | 0 51 | 23 32 | 0 25 | 0 19 | 1 21 | 15 49 | 2 11 | 9 20 | 0 34 | 14 10 | 1 47 | 20 26 | 14 54 | 23 20 | 23 21 | 4 19 | 13 22 | 6 27 |
| S 23 | | | - | 20 11 | | 21 58 | | 23 36 | 0 26 | 0 20 | 1 21 | | 2 11 | 9 20 | | 14 10 | | 20 27 | | | | | 13 21 | 6 27 |
| M24 T 25 | _ | | - | 20 11 20 12 | 3 18 3 15 | _ | | 23 40 23 43 | 0 27 0 27 | 0 21 0 22 | 1 22 1 22 | | 2 11 2 11 | 9 21 9 21 | | 14 11 14 11 | | 20 28 20 28 | | | | | 13 20 13 19 | 6 27 6 27 |
| W26 | | - | - | | | 22 17 | 0 44 | - | 0 27 | 0 22 | 1 22 | | 2 10 | 9 21 | | 14 11 | | 20 28 | | | | | 13 19 | 6 27 |
| T 27 | 22 44 | | | 20 20 | | 22 34 | - | 23 49 | 0 29 | 0 24 | 1 22 | | 2 10 | 9 22 | | 14 12 | | 20 30 | | | | | 13 17 | 6 26 |
| F 28 | 22 37 | | | 20 26 | | 22 41 | | 23 52 | 0 29 | 0 24 | 1 23 | | 2 10 | 9 23 | | 14 12 | | 20 30 | | | | | 13 16 | 6 26 |
| S 29 | 22 30 | | | 20 34 | | 22 48 | | 23 55 | 0 30 | 0 25 | 1 23 | | 2 10 | 9 23 | | 14 12 | | 20 31 | | | | | 13 16 | 6 26 |
| S 30 | 22 22 | - | - | 20 42 | | 22 54 | | 23 57 | 0 31 | 0 26 | _ | | 2 9 | | | 14 13 | | 20 32 | | | | | 13 15 | |
| M31 | 22 s14 | 12n55 | 5n 7 | 20 s52 | 2n36 | 22 s59 | 0n28 | 23 s59 | 0s31 | 0 s 2 6 | 1n23 | 15n47 | 2s 9 | 9 s24 | 0n35 | 14s13 | In47 | 20n32 | 14n58 | 23 s20 | 23 s22 | 3 s53 | 13 s14 | 6n26 |

Julian Day Number = 2258309.5, Delta T = 05m50s

Ecliptic obliquity = $23^{\circ}30'30$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°21'31, Lahiri = 16°28'32 Julian Calendar 1 Dec. 1470 == Greg. Calendar 10 Dec. 1470